

Table D.7. Subsurface Grid Values

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
1	1	SOU001-001	Aluminum	8.05E+03	mg/kg	Grid Value	1.05E+04	value
1	1	SOU001-001	Antimony	1.40E+00	mg/kg	Grid Value	2.06E+00	value
1	1	SOU001-001	Arsenic	3.93E+00	mg/kg	Grid Value	6.74E+00	value
1	1	SOU001-001	Barium	1.52E+02	mg/kg	Grid Value	1.46E+02	value
1	1	SOU001-001	Beryllium	5.73E-01	mg/kg	Grid Value	3.37E+00	value
1	1	SOU001-001	Cadmium	1.27E-01	mg/kg	Grid Value	1.83E+00	value
1	1	SOU001-001	Chromium	1.46E+01	mg/kg	Grid Value	2.32E+01	value
1	1	SOU001-001	Cobalt	5.36E+00	mg/kg	Grid Value	1.05E+01	value
1	1	SOU001-001	Manganese	5.25E+02	mg/kg	Grid Value	1.00E+03	value
1	1	SOU001-001	Nickel	2.68E+01	mg/kg	Grid Value	1.62E+01	value
1	1	SOU001-001	PCB, Total	1.70E-02	mg/kg	Grid Value	1.20E-01	value
1	1	SOU001-001	Thallium	1.16E-01	mg/kg	Grid Value	8.92E-01	value
1	1	SOU001-001	Trichloroethene	5.00E-01	mg/kg	Grid Value	6.90E-01	value
1	1	SOU001-001	Vanadium	2.27E+01	mg/kg	Grid Value	3.29E+01	value
1	1	SOU001-001	Cesium-137	5.27E-01	pCi/g	Avg	5.91E-01	value
1	1	SOU001-001	Neptunium-237	2.30E-01	pCi/g	Avg	4.02E-01	value
1	1	SOU001-001	Plutonium-239/240	4.08E+00	pCi/g	Avg	6.14E+00	value
1	1	SOU001-001	Thorium-230	2.92E+01	pCi/g	Avg	4.40E+01	value
1	1	SOU001-001	Uranium-235	8.95E-02	pCi/g	Avg	1.06E-01	value
1	1	SOU001-001	Uranium-238	1.72E+00	pCi/g	Avg	1.97E+00	value
1	1	SOU001-002	Aluminum	9.24E+03	mg/kg	Grid Value	1.05E+04	value
1	1	SOU001-002	Antimony	1.32E+00	mg/kg	Grid Value	2.06E+00	value
1	1	SOU001-002	Arsenic	2.55E+00	mg/kg	Grid Value	6.74E+00	value
1	1	SOU001-002	Barium	1.47E+02	mg/kg	Grid Value	1.46E+02	value
1	1	SOU001-002	Beryllium	5.71E-01	mg/kg	Grid Value	3.37E+00	value
1	1	SOU001-002	Cadmium	6.80E-02	mg/kg	Grid Value	1.83E+00	value
1	1	SOU001-002	Chromium	1.46E+01	mg/kg	Grid Value	2.32E+01	value
1	1	SOU001-002	Cobalt	3.79E+00	mg/kg	Grid Value	1.05E+01	value
1	1	SOU001-002	Manganese	3.07E+02	mg/kg	Grid Value	1.00E+03	value
1	1	SOU001-002	Nickel	1.76E+01	mg/kg	Grid Value	1.62E+01	value
1	1	SOU001-002	PCB, Total	1.70E-02	mg/kg	Grid Value	1.20E-01	value
1	1	SOU001-002	Thallium	1.16E-01	mg/kg	Grid Value	8.92E-01	value
1	1	SOU001-002	Trichloroethene	5.00E-01	mg/kg	Grid Value	6.90E-01	value
1	1	SOU001-002	Vanadium	1.86E+01	mg/kg	Grid Value	3.29E+01	value
1	1	SOU001-002	Cesium-137	5.27E-01	pCi/g	Avg	5.91E-01	value
1	1	SOU001-002	Neptunium-237	2.30E-01	pCi/g	Avg	4.02E-01	value
1	1	SOU001-002	Plutonium-239/240	4.08E+00	pCi/g	Avg	6.14E+00	value
1	1	SOU001-002	Thorium-230	2.92E+01	pCi/g	Avg	4.40E+01	value
1	1	SOU001-002	Uranium-235	8.95E-02	pCi/g	Avg	1.06E-01	value
1	1	SOU001-002	Uranium-238	1.72E+00	pCi/g	Avg	1.97E+00	value
1	1	SOU001-011	Aluminum	9.47E+03	mg/kg	Grid Value	1.05E+04	value
1	1	SOU001-011	Antimony	1.11E+00	mg/kg	Grid Value	2.06E+00	value
1	1	SOU001-011	Arsenic	3.38E+00	mg/kg	Grid Value	6.74E+00	value
1	1	SOU001-011	Barium	7.78E+01	mg/kg	Grid Value	1.46E+02	value
1	1	SOU001-011	Beryllium	6.99E-01	mg/kg	Grid Value	3.37E+00	value
1	1	SOU001-011	Cadmium	2.87E-01	mg/kg	Grid Value	1.83E+00	value
1	1	SOU001-011	Chromium	5.62E+01	mg/kg	Grid Value	2.32E+01	value
1	1	SOU001-011	Cobalt	9.87E+00	mg/kg	Grid Value	1.05E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
1	1	SOU001-011	Manganese	3.59E+02	mg/kg	Grid Value	1.00E+03	value
1	1	SOU001-011	Nickel	7.64E+00	mg/kg	Grid Value	1.62E+01	value
1	1	SOU001-011	PCB, Total	1.70E-02	mg/kg	Grid Value	1.20E-01	value
1	1	SOU001-011	Thallium	1.16E-01	mg/kg	Grid Value	8.92E-01	value
1	1	SOU001-011	Trichloroethene	5.00E-01	mg/kg	Grid Value	6.90E-01	value
1	1	SOU001-011	Vanadium	5.33E+01	mg/kg	Grid Value	3.29E+01	value
1	1	SOU001-011	Cesium-137	5.27E-01	pCi/g	Avg	5.91E-01	value
1	1	SOU001-011	Neptunium-237	2.30E-01	pCi/g	Avg	4.02E-01	value
1	1	SOU001-011	Plutonium-239/240	4.08E+00	pCi/g	Avg	6.14E+00	value
1	1	SOU001-011	Thorium-230	2.92E+01	pCi/g	Avg	4.40E+01	value
1	1	SOU001-011	Uranium-235	8.95E-02	pCi/g	Avg	1.06E-01	value
1	1	SOU001-011	Uranium-238	1.72E+00	pCi/g	Avg	1.97E+00	value
1	1	SOU001-012	Aluminum	1.17E+04	mg/kg	Grid Value	1.05E+04	value
1	1	SOU001-012	Antimony	5.22E-01	mg/kg	Grid Value	2.06E+00	value
1	1	SOU001-012	Arsenic	1.58E+00	mg/kg	Grid Value	6.74E+00	value
1	1	SOU001-012	Barium	7.84E+01	mg/kg	Grid Value	1.46E+02	value
1	1	SOU001-012	Beryllium	7.15E-01	mg/kg	Grid Value	3.37E+00	value
1	1	SOU001-012	Cadmium	1.33E-01	mg/kg	Grid Value	1.83E+00	value
1	1	SOU001-012	Chromium	1.59E+01	mg/kg	Grid Value	2.32E+01	value
1	1	SOU001-012	Cobalt	4.59E+00	mg/kg	Grid Value	1.05E+01	value
1	1	SOU001-012	Manganese	2.54E+02	mg/kg	Grid Value	1.00E+03	value
1	1	SOU001-012	Nickel	8.35E+00	mg/kg	Grid Value	1.62E+01	value
1	1	SOU001-012	PCB, Total	2.00E-01	mg/kg	Grid Value	1.20E-01	value
1	1	SOU001-012	Thallium	5.34E-01	mg/kg	Grid Value	8.92E-01	value
1	1	SOU001-012	Trichloroethene	1.00E-02	mg/kg	Grid Value	6.90E-01	value
1	1	SOU001-012	Vanadium	3.54E+01	mg/kg	Grid Value	3.29E+01	value
1	1	SOU001-012	Cesium-137	5.27E-01	pCi/g	Avg	5.91E-01	value
1	1	SOU001-012	Neptunium-237	2.30E-01	pCi/g	Avg	4.02E-01	value
1	1	SOU001-012	Plutonium-239/240	4.08E+00	pCi/g	Avg	6.14E+00	value
1	1	SOU001-012	Thorium-230	2.92E+01	pCi/g	Avg	4.40E+01	value
1	1	SOU001-012	Uranium-235	8.95E-02	pCi/g	Avg	1.06E-01	value
1	1	SOU001-012	Uranium-238	1.72E+00	pCi/g	Avg	1.97E+00	value
1	1	SOU001-013	Aluminum	9.48E+03	mg/kg	Grid Value	1.05E+04	value
1	1	SOU001-013	Antimony	3.42E+00	mg/kg	Grid Value	2.06E+00	value
1	1	SOU001-013	Arsenic	6.30E+00	mg/kg	Grid Value	6.74E+00	value
1	1	SOU001-013	Barium	1.09E+02	mg/kg	Grid Value	1.46E+02	value
1	1	SOU001-013	Beryllium	6.20E-01	mg/kg	Grid Value	3.37E+00	value
1	1	SOU001-013	Cadmium	7.20E-01	mg/kg	Grid Value	1.83E+00	value
1	1	SOU001-013	Chromium	5.50E+00	mg/kg	Grid Value	2.32E+01	value
1	1	SOU001-013	Cobalt	1.37E+01	mg/kg	Grid Value	1.05E+01	value
1	1	SOU001-013	Manganese	7.79E+02	mg/kg	Grid Value	1.00E+03	value
1	1	SOU001-013	Nickel	1.24E+01	mg/kg	Grid Value	1.62E+01	value
1	1	SOU001-013	PCB, Total	1.99E-01	mg/kg	Grid Value	1.20E-01	value
1	1	SOU001-013	Thallium	1.05E+00	mg/kg	Grid Value	8.92E-01	value
1	1	SOU001-013	Trichloroethene	6.90E-01	mg/kg	Grid Value	6.90E-01	value
1	1	SOU001-013	Vanadium	1.72E+01	mg/kg	Grid Value	3.29E+01	value
1	1	SOU001-013	Cesium-137	5.27E-01	pCi/g	Avg	5.91E-01	value
1	1	SOU001-013	Neptunium-237	2.30E-01	pCi/g	Avg	4.02E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
1	1	SOU001-013	Plutonium-239/240	4.08E+00	pCi/g	Avg	6.14E+00	value
1	1	SOU001-013	Thorium-230	2.92E+01	pCi/g	Avg	4.40E+01	value
1	1	SOU001-013	Uranium-235	8.95E-02	pCi/g	Avg	1.06E-01	value
1	1	SOU001-013	Uranium-238	1.72E+00	pCi/g	Avg	1.97E+00	value
1	1	SOU001-022	Aluminum	9.22E+03	mg/kg	Grid Value	1.05E+04	value
1	1	SOU001-022	Antimony	2.30E-01	mg/kg	Grid Value	2.06E+00	value
1	1	SOU001-022	Arsenic	6.51E+00	mg/kg	Grid Value	6.74E+00	value
1	1	SOU001-022	Barium	9.95E+01	mg/kg	Grid Value	1.46E+02	value
1	1	SOU001-022	Beryllium	4.67E-01	mg/kg	Grid Value	3.37E+00	value
1	1	SOU001-022	Cadmium	2.81E+00	mg/kg	Grid Value	1.83E+00	value
1	1	SOU001-022	Chromium	1.46E+01	mg/kg	Grid Value	2.32E+01	value
1	1	SOU001-022	Cobalt	6.74E+00	mg/kg	Grid Value	1.05E+01	value
1	1	SOU001-022	Manganese	6.96E+02	mg/kg	Grid Value	1.00E+03	value
1	1	SOU001-022	Nickel	1.12E+01	mg/kg	Grid Value	1.62E+01	value
1	1	SOU001-022	PCB, Total	1.70E-02	mg/kg	Grid Value	1.20E-01	value
1	1	SOU001-022	Thallium	1.40E-01	mg/kg	Grid Value	8.92E-01	value
1	1	SOU001-022	Trichloroethene	6.00E-03	mg/kg	Grid Value	6.90E-01	value
1	1	SOU001-022	Vanadium	2.30E+01	mg/kg	Grid Value	3.29E+01	value
1	1	SOU001-022	Cesium-137	7.53E-01	pCi/g	Grid Value	5.91E-01	value
1	1	SOU001-022	Neptunium-237	2.66E-02	pCi/g	Grid Value	4.02E-01	value
1	1	SOU001-022	Plutonium-239/240	2.95E+00	pCi/g	Grid Value	6.14E+00	value
1	1	SOU001-022	Thorium-230	2.08E+01	pCi/g	Grid Value	4.40E+01	value
1	1	SOU001-022	Uranium-235	5.16E-02	pCi/g	Grid Value	1.06E-01	value
1	1	SOU001-022	Uranium-238	9.49E-01	pCi/g	Grid Value	1.97E+00	value
1	1	SOU001-023	Aluminum	7.49E+03	mg/kg	Grid Value	1.05E+04	value
1	1	SOU001-023	Antimony	6.38E-01	mg/kg	Grid Value	2.06E+00	value
1	1	SOU001-023	Arsenic	1.88E+00	mg/kg	Grid Value	6.74E+00	value
1	1	SOU001-023	Barium	8.59E+01	mg/kg	Grid Value	1.46E+02	value
1	1	SOU001-023	Beryllium	4.80E-01	mg/kg	Grid Value	3.37E+00	value
1	1	SOU001-023	Cadmium	4.89E-02	mg/kg	Grid Value	1.83E+00	value
1	1	SOU001-023	Chromium	1.16E+01	mg/kg	Grid Value	2.32E+01	value
1	1	SOU001-023	Cobalt	7.21E+00	mg/kg	Grid Value	1.05E+01	value
1	1	SOU001-023	Manganese	7.09E+02	mg/kg	Grid Value	1.00E+03	value
1	1	SOU001-023	Nickel	7.21E+00	mg/kg	Grid Value	1.62E+01	value
1	1	SOU001-023	PCB, Total	1.70E-02	mg/kg	Grid Value	1.20E-01	value
1	1	SOU001-023	Thallium	1.31E-01	mg/kg	Grid Value	8.92E-01	value
1	1	SOU001-023	Trichloroethene	6.00E-01	mg/kg	Grid Value	6.90E-01	value
1	1	SOU001-023	Vanadium	2.28E+01	mg/kg	Grid Value	3.29E+01	value
1	1	SOU001-023	Cesium-137	5.27E-01	pCi/g	Avg	5.91E-01	value
1	1	SOU001-023	Neptunium-237	2.30E-01	pCi/g	Avg	4.02E-01	value
1	1	SOU001-023	Plutonium-239/240	4.08E+00	pCi/g	Avg	6.14E+00	value
1	1	SOU001-023	Thorium-230	2.92E+01	pCi/g	Avg	4.40E+01	value
1	1	SOU001-023	Uranium-235	8.95E-02	pCi/g	Avg	1.06E-01	value
1	1	SOU001-023	Uranium-238	1.72E+00	pCi/g	Avg	1.97E+00	value
1	1	SOU001-024	Aluminum	9.31E+03	mg/kg	Grid Value	1.05E+04	value
1	1	SOU001-024	Antimony	2.30E-01	mg/kg	Grid Value	2.06E+00	value
1	1	SOU001-024	Arsenic	1.07E+01	mg/kg	Grid Value	6.74E+00	value
1	1	SOU001-024	Barium	5.18E+01	mg/kg	Grid Value	1.46E+02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
1	1	SOU001-024	Beryllium	3.12E-01	mg/kg	Grid Value	3.37E+00	value
1	1	SOU001-024	Cadmium	3.08E+00	mg/kg	Grid Value	1.83E+00	value
1	1	SOU001-024	Chromium	1.50E+01	mg/kg	Grid Value	2.32E+01	value
1	1	SOU001-024	Cobalt	4.03E+00	mg/kg	Grid Value	1.05E+01	value
1	1	SOU001-024	Manganese	3.18E+02	mg/kg	Grid Value	1.00E+03	value
1	1	SOU001-024	Nickel	1.82E+01	mg/kg	Grid Value	1.62E+01	value
1	1	SOU001-024	PCB, Total	1.70E-02	mg/kg	Grid Value	1.20E-01	value
1	1	SOU001-024	Thallium	1.45E-01	mg/kg	Grid Value	8.92E-01	value
1	1	SOU001-024	Trichloroethene	5.00E-01	mg/kg	Grid Value	6.90E-01	value
1	1	SOU001-024	Vanadium	2.63E+01	mg/kg	Grid Value	3.29E+01	value
1	1	SOU001-024	Cesium-137	5.27E-01	pCi/g	Avg	5.91E-01	value
1	1	SOU001-024	Neptunium-237	2.30E-01	pCi/g	Avg	4.02E-01	value
1	1	SOU001-024	Plutonium-239/240	4.08E+00	pCi/g	Avg	6.14E+00	value
1	1	SOU001-024	Thorium-230	2.92E+01	pCi/g	Avg	4.40E+01	value
1	1	SOU001-024	Uranium-235	8.95E-02	pCi/g	Avg	1.06E-01	value
1	1	SOU001-024	Uranium-238	1.72E+00	pCi/g	Avg	1.97E+00	value
1	1	SOU001-033	Aluminum	9.75E+03	mg/kg	Grid Value	1.05E+04	value
1	1	SOU001-033	Antimony	1.72E+00	mg/kg	Grid Value	2.06E+00	value
1	1	SOU001-033	Arsenic	3.98E+00	mg/kg	Grid Value	6.74E+00	value
1	1	SOU001-033	Barium	1.33E+02	mg/kg	Grid Value	1.46E+02	value
1	1	SOU001-033	Beryllium	6.39E-01	mg/kg	Grid Value	3.37E+00	value
1	1	SOU001-033	Cadmium	1.10E-01	mg/kg	Grid Value	1.83E+00	value
1	1	SOU001-033	Chromium	1.54E+01	mg/kg	Grid Value	2.32E+01	value
1	1	SOU001-033	Cobalt	1.27E+01	mg/kg	Grid Value	1.05E+01	value
1	1	SOU001-033	Manganese	2.96E+02	mg/kg	Grid Value	1.00E+03	value
1	1	SOU001-033	Nickel	1.39E+01	mg/kg	Grid Value	1.62E+01	value
1	1	SOU001-033	PCB, Total	1.70E-02	mg/kg	Grid Value	1.20E-01	value
1	1	SOU001-033	Thallium	1.16E-01	mg/kg	Grid Value	8.92E-01	value
1	1	SOU001-033	Trichloroethene	6.00E-01	mg/kg	Grid Value	6.90E-01	value
1	1	SOU001-033	Vanadium	2.31E+01	mg/kg	Grid Value	3.29E+01	value
1	1	SOU001-033	Cesium-137	5.27E-01	pCi/g	Avg	5.91E-01	value
1	1	SOU001-033	Neptunium-237	2.30E-01	pCi/g	Avg	4.02E-01	value
1	1	SOU001-033	Plutonium-239/240	4.08E+00	pCi/g	Avg	6.14E+00	value
1	1	SOU001-033	Thorium-230	2.92E+01	pCi/g	Avg	4.40E+01	value
1	1	SOU001-033	Uranium-235	8.95E-02	pCi/g	Avg	1.06E-01	value
1	1	SOU001-033	Uranium-238	1.72E+00	pCi/g	Avg	1.97E+00	value
1	1	SOU001-034	Aluminum	9.28E+03	mg/kg	Grid Value	1.05E+04	value
1	1	SOU001-034	Antimony	9.34E-01	mg/kg	Grid Value	2.06E+00	value
1	1	SOU001-034	Arsenic	5.54E+00	mg/kg	Grid Value	6.74E+00	value
1	1	SOU001-034	Barium	1.49E+02	mg/kg	Grid Value	1.46E+02	value
1	1	SOU001-034	Beryllium	7.45E-01	mg/kg	Grid Value	3.37E+00	value
1	1	SOU001-034	Cadmium	4.89E-02	mg/kg	Grid Value	1.83E+00	value
1	1	SOU001-034	Chromium	1.96E+01	mg/kg	Grid Value	2.32E+01	value
1	1	SOU001-034	Cobalt	8.49E+00	mg/kg	Grid Value	1.05E+01	value
1	1	SOU001-034	Manganese	5.39E+02	mg/kg	Grid Value	1.00E+03	value
1	1	SOU001-034	Nickel	1.57E+01	mg/kg	Grid Value	1.62E+01	value
1	1	SOU001-034	PCB, Total	1.70E-02	mg/kg	Grid Value	1.20E-01	value
1	1	SOU001-034	Thallium	1.27E-01	mg/kg	Grid Value	8.92E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
1	1	SOU001-034	Trichloroethene	5.00E-01	mg/kg	Grid Value	6.90E-01	value
1	1	SOU001-034	Vanadium	3.64E+01	mg/kg	Grid Value	3.29E+01	value
1	1	SOU001-034	Cesium-137	5.27E-01	pCi/g	Avg	5.91E-01	value
1	1	SOU001-034	Neptunium-237	2.30E-01	pCi/g	Avg	4.02E-01	value
1	1	SOU001-034	Plutonium-239/240	4.08E+00	pCi/g	Avg	6.14E+00	value
1	1	SOU001-034	Thorium-230	2.92E+01	pCi/g	Avg	4.40E+01	value
1	1	SOU001-034	Uranium-235	8.95E-02	pCi/g	Avg	1.06E-01	value
1	1	SOU001-034	Uranium-238	1.72E+00	pCi/g	Avg	1.97E+00	value
1	1	SOU001-043	Aluminum	9.25E+03	mg/kg	Grid Value	1.05E+04	value
1	1	SOU001-043	Antimony	6.33E-01	mg/kg	Grid Value	2.06E+00	value
1	1	SOU001-043	Arsenic	6.77E+00	mg/kg	Grid Value	6.74E+00	value
1	1	SOU001-043	Barium	2.47E+02	mg/kg	Grid Value	1.46E+02	value
1	1	SOU001-043	Beryllium	8.02E-01	mg/kg	Grid Value	3.37E+00	value
1	1	SOU001-043	Cadmium	4.89E-02	mg/kg	Grid Value	1.83E+00	value
1	1	SOU001-043	Chromium	1.31E+01	mg/kg	Grid Value	2.32E+01	value
1	1	SOU001-043	Cobalt	1.54E+01	mg/kg	Grid Value	1.05E+01	value
1	1	SOU001-043	Manganese	1.99E+03	mg/kg	Grid Value	1.00E+03	value
1	1	SOU001-043	Nickel	1.07E+01	mg/kg	Grid Value	1.62E+01	value
1	1	SOU001-043	PCB, Total	1.70E-02	mg/kg	Grid Value	1.20E-01	value
1	1	SOU001-043	Thallium	1.56E+00	mg/kg	Grid Value	8.92E-01	value
1	1	SOU001-043	Trichloroethene	5.00E-03	mg/kg	Grid Value	6.90E-01	value
1	1	SOU001-043	Vanadium	3.22E+01	mg/kg	Grid Value	3.29E+01	value
1	1	SOU001-043	Cesium-137	7.02E-01	pCi/g	Grid Value	5.91E-01	value
1	1	SOU001-043	Neptunium-237	6.63E-01	pCi/g	Grid Value	4.02E-01	value
1	1	SOU001-043	Plutonium-239/240	9.05E+00	pCi/g	Grid Value	6.14E+00	value
1	1	SOU001-043	Thorium-230	6.50E+01	pCi/g	Grid Value	4.40E+01	value
1	1	SOU001-043	Uranium-235	1.93E-01	pCi/g	Grid Value	1.06E-01	value
1	1	SOU001-043	Uranium-238	3.31E+00	pCi/g	Grid Value	1.97E+00	value
1	1	SOU001-044	Aluminum	9.38E+03	mg/kg	Grid Value	1.05E+04	value
1	1	SOU001-044	Antimony	5.00E+00	mg/kg	Grid Value	2.06E+00	value
1	1	SOU001-044	Arsenic	5.40E+00	mg/kg	Grid Value	6.74E+00	value
1	1	SOU001-044	Barium	1.51E+02	mg/kg	Grid Value	1.46E+02	value
1	1	SOU001-044	Beryllium	7.80E+00	mg/kg	Grid Value	3.37E+00	value
1	1	SOU001-044	Cadmium	1.10E+00	mg/kg	Grid Value	1.83E+00	value
1	1	SOU001-044	Chromium	1.46E+01	mg/kg	Grid Value	2.32E+01	value
1	1	SOU001-044	Cobalt	1.01E+01	mg/kg	Grid Value	1.05E+01	value
1	1	SOU001-044	Manganese	1.29E+03	mg/kg	Grid Value	1.00E+03	value
1	1	SOU001-044	Nickel	1.76E+01	mg/kg	Grid Value	1.62E+01	value
1	1	SOU001-044	PCB, Total	1.70E-02	mg/kg	Grid Value	1.20E-01	value
1	1	SOU001-044	Thallium	1.26E-01	mg/kg	Grid Value	8.92E-01	value
1	1	SOU001-044	Trichloroethene	9.00E-04	mg/kg	Grid Value	6.90E-01	value
1	1	SOU001-044	Vanadium	2.24E+01	mg/kg	Grid Value	3.29E+01	value
1	1	SOU001-044	Cesium-137	5.27E-01	pCi/g	Avg	5.91E-01	value
1	1	SOU001-044	Neptunium-237	2.30E-01	pCi/g	Avg	4.02E-01	value
1	1	SOU001-044	Plutonium-239/240	4.08E+00	pCi/g	Avg	6.14E+00	value
1	1	SOU001-044	Thorium-230	2.92E+01	pCi/g	Avg	4.40E+01	value
1	1	SOU001-044	Uranium-235	8.95E-02	pCi/g	Avg	1.06E-01	value
1	1	SOU001-044	Uranium-238	1.72E+00	pCi/g	Avg	1.97E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
1	1	SOU001-052	Aluminum	1.06E+04	mg/kg	Grid Value	1.05E+04	value
1	1	SOU001-052	Antimony	5.22E-01	mg/kg	Grid Value	2.06E+00	value
1	1	SOU001-052	Arsenic	6.56E+00	mg/kg	Grid Value	6.74E+00	value
1	1	SOU001-052	Barium	1.10E+02	mg/kg	Grid Value	1.46E+02	value
1	1	SOU001-052	Beryllium	5.83E-01	mg/kg	Grid Value	3.37E+00	value
1	1	SOU001-052	Cadmium	1.21E-01	mg/kg	Grid Value	1.83E+00	value
1	1	SOU001-052	Chromium	1.68E+01	mg/kg	Grid Value	2.32E+01	value
1	1	SOU001-052	Cobalt	9.60E+00	mg/kg	Grid Value	1.05E+01	value
1	1	SOU001-052	Manganese	1.06E+03	mg/kg	Grid Value	1.00E+03	value
1	1	SOU001-052	Nickel	1.20E+01	mg/kg	Grid Value	1.62E+01	value
1	1	SOU001-052	PCB, Total	1.70E-02	mg/kg	Grid Value	1.20E-01	value
1	1	SOU001-052	Thallium	5.34E-01	mg/kg	Grid Value	8.92E-01	value
1	1	SOU001-052	Trichloroethene	6.00E-01	mg/kg	Grid Value	6.90E-01	value
1	1	SOU001-052	Vanadium	2.71E+01	mg/kg	Grid Value	3.29E+01	value
1	1	SOU001-052	Cesium-137	5.27E-01	pCi/g	Avg	5.91E-01	value
1	1	SOU001-052	Neptunium-237	2.30E-01	pCi/g	Avg	4.02E-01	value
1	1	SOU001-052	Plutonium-239/240	4.08E+00	pCi/g	Avg	6.14E+00	value
1	1	SOU001-052	Thorium-230	2.92E+01	pCi/g	Avg	4.40E+01	value
1	1	SOU001-052	Uranium-235	8.95E-02	pCi/g	Avg	1.06E-01	value
1	1	SOU001-052	Uranium-238	1.72E+00	pCi/g	Avg	1.97E+00	value
1	1	SOU001-053	Aluminum	1.43E+04	mg/kg	Grid Value	1.05E+04	value
1	1	SOU001-053	Antimony	5.22E-01	mg/kg	Grid Value	2.06E+00	value
1	1	SOU001-053	Arsenic	1.06E+01	mg/kg	Grid Value	6.74E+00	value
1	1	SOU001-053	Barium	1.40E+02	mg/kg	Grid Value	1.46E+02	value
1	1	SOU001-053	Beryllium	7.67E-01	mg/kg	Grid Value	3.37E+00	value
1	1	SOU001-053	Cadmium	1.40E-01	mg/kg	Grid Value	1.83E+00	value
1	1	SOU001-053	Chromium	2.06E+01	mg/kg	Grid Value	2.32E+01	value
1	1	SOU001-053	Cobalt	1.14E+01	mg/kg	Grid Value	1.05E+01	value
1	1	SOU001-053	Manganese	1.08E+03	mg/kg	Grid Value	1.00E+03	value
1	1	SOU001-053	Nickel	1.22E+01	mg/kg	Grid Value	1.62E+01	value
1	1	SOU001-053	PCB, Total	1.70E-02	mg/kg	Grid Value	1.20E-01	value
1	1	SOU001-053	Thallium	5.34E-01	mg/kg	Grid Value	8.92E-01	value
1	1	SOU001-053	Trichloroethene	1.00E-03	mg/kg	Grid Value	6.90E-01	value
1	1	SOU001-053	Vanadium	3.40E+01	mg/kg	Grid Value	3.29E+01	value
1	1	SOU001-053	Cesium-137	1.25E-01	pCi/g	Grid Value	5.91E-01	value
1	1	SOU001-053	Neptunium-237	1.48E-03	pCi/g	Grid Value	4.02E-01	value
1	1	SOU001-053	Plutonium-239/240	2.41E-01	pCi/g	Grid Value	6.14E+00	value
1	1	SOU001-053	Thorium-230	1.73E+00	pCi/g	Grid Value	4.40E+01	value
1	1	SOU001-053	Uranium-235	2.40E-02	pCi/g	Grid Value	1.06E-01	value
1	1	SOU001-053	Uranium-238	8.94E-01	pCi/g	Grid Value	1.97E+00	value
1	2	SOU001-003	Aluminum	8.56E+03	mg/kg	Grid Value	9.14E+03	value
1	2	SOU001-003	Arsenic	4.69E+00	mg/kg	Grid Value	7.82E+00	value
1	2	SOU001-003	Barium	1.81E+02	mg/kg	Grid Value	1.57E+02	value
1	2	SOU001-003	Beryllium	2.58E-01	mg/kg	Grid Value	5.07E+00	value
1	2	SOU001-003	Cadmium	2.83E+00	mg/kg	Grid Value	3.74E+00	value
1	2	SOU001-003	Chromium	1.44E+01	mg/kg	Grid Value	1.26E+02	value
1	2	SOU001-003	cis-1,2-Dichloroethene	5.00E-01	mg/kg	Grid Value	2.40E+03	value
1	2	SOU001-003	Copper	1.49E+01	mg/kg	Grid Value	1.13E+02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
1	2	SOU001-003	Manganese	6.63E+02	mg/kg	Grid Value	7.28E+02	value
1	2	SOU001-003	Mercury	2.60E-02	mg/kg	Grid Value	7.06E+00	value
1	2	SOU001-003	Nickel	2.62E+01	mg/kg	Grid Value	4.96E+01	value
1	2	SOU001-003	PCB, Total	1.30E-01	mg/kg	Grid Value	3.21E+01	value
1	2	SOU001-003	Silver	2.91E-01	mg/kg	Grid Value	7.39E+01	value
1	2	SOU001-003	Thallium	1.36E-01	mg/kg	Grid Value	3.70E-01	value
1	2	SOU001-003	trans-1,2-Dichloroethene	5.00E-01	mg/kg	Grid Value	8.93E+00	value
1	2	SOU001-003	Trichloroethene	5.00E-01	mg/kg	Grid Value	6.48E+01	value
1	2	SOU001-003	Vanadium	2.30E+01	mg/kg	Grid Value	3.22E+01	value
1	2	SOU001-003	Vinyl chloride	5.00E-01	mg/kg	Grid Value	4.47E+00	value
1	2	SOU001-004	Aluminum	7.81E+03	mg/kg	Grid Value	9.14E+03	value
1	2	SOU001-004	Arsenic	4.01E+00	mg/kg	Grid Value	7.82E+00	value
1	2	SOU001-004	Barium	1.21E+02	mg/kg	Grid Value	1.57E+02	value
1	2	SOU001-004	Beryllium	3.49E-01	mg/kg	Grid Value	5.07E+00	value
1	2	SOU001-004	Cadmium	2.82E+00	mg/kg	Grid Value	3.74E+00	value
1	2	SOU001-004	Chromium	1.36E+01	mg/kg	Grid Value	1.26E+02	value
1	2	SOU001-004	cis-1,2-Dichloroethene	5.00E-01	mg/kg	Grid Value	2.40E+03	value
1	2	SOU001-004	Copper	1.39E+01	mg/kg	Grid Value	1.13E+02	value
1	2	SOU001-004	Manganese	2.64E+02	mg/kg	Grid Value	7.28E+02	value
1	2	SOU001-004	Mercury	1.54E-02	mg/kg	Grid Value	7.06E+00	value
1	2	SOU001-004	Nickel	1.32E+01	mg/kg	Grid Value	4.96E+01	value
1	2	SOU001-004	PCB, Total	1.70E-02	mg/kg	Grid Value	3.21E+01	value
1	2	SOU001-004	Silver	2.91E-01	mg/kg	Grid Value	7.39E+01	value
1	2	SOU001-004	Thallium	1.50E-01	mg/kg	Grid Value	3.70E-01	value
1	2	SOU001-004	trans-1,2-Dichloroethene	5.00E-01	mg/kg	Grid Value	8.93E+00	value
1	2	SOU001-004	Trichloroethene	5.00E-01	mg/kg	Grid Value	6.48E+01	value
1	2	SOU001-004	Vanadium	2.33E+01	mg/kg	Grid Value	3.22E+01	value
1	2	SOU001-004	Vinyl chloride	5.00E-01	mg/kg	Grid Value	4.47E+00	value
1	2	SOU001-005	Aluminum	7.26E+03	mg/kg	Grid Value	9.14E+03	value
1	2	SOU001-005	Arsenic	3.98E+00	mg/kg	Grid Value	7.82E+00	value
1	2	SOU001-005	Barium	9.89E+01	mg/kg	Grid Value	1.57E+02	value
1	2	SOU001-005	Beryllium	2.73E-01	mg/kg	Grid Value	5.07E+00	value
1	2	SOU001-005	Cadmium	2.48E+00	mg/kg	Grid Value	3.74E+00	value
1	2	SOU001-005	Chromium	1.23E+01	mg/kg	Grid Value	1.26E+02	value
1	2	SOU001-005	cis-1,2-Dichloroethene	4.00E-01	mg/kg	Grid Value	2.40E+03	value
1	2	SOU001-005	Copper	1.23E+01	mg/kg	Grid Value	1.13E+02	value
1	2	SOU001-005	Manganese	1.58E+02	mg/kg	Grid Value	7.28E+02	value
1	2	SOU001-005	Mercury	1.36E-02	mg/kg	Grid Value	7.06E+00	value
1	2	SOU001-005	Nickel	9.69E+00	mg/kg	Grid Value	4.96E+01	value
1	2	SOU001-005	PCB, Total	1.70E-02	mg/kg	Grid Value	3.21E+01	value
1	2	SOU001-005	Silver	2.91E-01	mg/kg	Grid Value	7.39E+01	value
1	2	SOU001-005	Thallium	1.16E-01	mg/kg	Grid Value	3.70E-01	value
1	2	SOU001-005	trans-1,2-Dichloroethene	4.00E-01	mg/kg	Grid Value	8.93E+00	value
1	2	SOU001-005	Trichloroethene	4.00E-01	mg/kg	Grid Value	6.48E+01	value
1	2	SOU001-005	Vanadium	1.98E+01	mg/kg	Grid Value	3.22E+01	value
1	2	SOU001-005	Vinyl chloride	4.00E-01	mg/kg	Grid Value	4.47E+00	value
1	2	SOU001-006	Aluminum	8.46E+03	mg/kg	Avg	9.14E+03	value
1	2	SOU001-006	Arsenic	6.29E+00	mg/kg	Avg	7.82E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
1	2	SOU001-006	Barium	1.44E+02	mg/kg	Avg	1.57E+02	value
1	2	SOU001-006	Beryllium	1.46E+00	mg/kg	Avg	5.07E+00	value
1	2	SOU001-006	Cadmium	2.63E+00	mg/kg	Avg	3.74E+00	value
1	2	SOU001-006	Chromium	3.80E+01	mg/kg	Avg	1.26E+02	value
1	2	SOU001-006	cis-1,2-Dichloroethene	2.41E+02	mg/kg	Avg	2.40E+03	value
1	2	SOU001-006	Copper	3.43E+01	mg/kg	Avg	1.13E+02	value
1	2	SOU001-006	Manganese	6.08E+02	mg/kg	Avg	7.28E+02	value
1	2	SOU001-006	Mercury	7.20E-01	mg/kg	Avg	7.06E+00	value
1	2	SOU001-006	Nickel	2.47E+01	mg/kg	Avg	4.96E+01	value
1	2	SOU001-006	PCB, Total	1.30E-01	mg/kg	Grid Value	3.21E+01	value
1	2	SOU001-006	Silver	1.10E+01	mg/kg	Avg	7.39E+01	value
1	2	SOU001-006	Thallium	2.63E-01	mg/kg	Avg	3.70E-01	value
1	2	SOU001-006	trans-1,2-Dichloroethene	3.03E+00	mg/kg	Avg	8.93E+00	value
1	2	SOU001-006	Trichloroethene	1.26E+01	mg/kg	Avg	6.48E+01	value
1	2	SOU001-006	Vanadium	2.85E+01	mg/kg	Avg	3.22E+01	value
1	2	SOU001-006	Vinyl chloride	6.84E-01	mg/kg	Avg	4.47E+00	value
1	2	SOU001-014	Aluminum	8.73E+03	mg/kg	Grid Value	9.14E+03	value
1	2	SOU001-014	Arsenic	6.20E+00	mg/kg	Grid Value	7.82E+00	value
1	2	SOU001-014	Barium	1.20E+02	mg/kg	Grid Value	1.57E+02	value
1	2	SOU001-014	Beryllium	9.50E-01	mg/kg	Grid Value	5.07E+00	value
1	2	SOU001-014	Cadmium	2.45E-01	mg/kg	Grid Value	3.74E+00	value
1	2	SOU001-014	Chromium	1.69E+01	mg/kg	Grid Value	1.26E+02	value
1	2	SOU001-014	cis-1,2-Dichloroethene	5.50E-01	mg/kg	Grid Value	2.40E+03	value
1	2	SOU001-014	Copper	1.64E+01	mg/kg	Grid Value	1.13E+02	value
1	2	SOU001-014	Manganese	8.48E+02	mg/kg	Grid Value	7.28E+02	value
1	2	SOU001-014	Mercury	2.67E-02	mg/kg	Grid Value	7.06E+00	value
1	2	SOU001-014	Nickel	1.68E+01	mg/kg	Grid Value	4.96E+01	value
1	2	SOU001-014	PCB, Total	3.34E+00	mg/kg	Grid Value	3.21E+01	value
1	2	SOU001-014	Silver	2.90E+00	mg/kg	Grid Value	7.39E+01	value
1	2	SOU001-014	Thallium	5.34E-01	mg/kg	Grid Value	3.70E-01	value
1	2	SOU001-014	trans-1,2-Dichloroethene	6.50E+00	mg/kg	Grid Value	8.93E+00	value
1	2	SOU001-014	Trichloroethene	4.80E+01	mg/kg	Grid Value	6.48E+01	value
1	2	SOU001-014	Vanadium	3.75E+01	mg/kg	Grid Value	3.22E+01	value
1	2	SOU001-014	Vinyl chloride	1.20E-02	mg/kg	Grid Value	4.47E+00	value
1	2	SOU001-015	Aluminum	8.13E+03	mg/kg	Grid Value	9.14E+03	value
1	2	SOU001-015	Arsenic	3.92E+00	mg/kg	Grid Value	7.82E+00	value
1	2	SOU001-015	Barium	1.38E+02	mg/kg	Grid Value	1.57E+02	value
1	2	SOU001-015	Beryllium	6.75E-01	mg/kg	Grid Value	5.07E+00	value
1	2	SOU001-015	Cadmium	2.45E-01	mg/kg	Grid Value	3.74E+00	value
1	2	SOU001-015	Chromium	1.54E+01	mg/kg	Grid Value	1.26E+02	value
1	2	SOU001-015	cis-1,2-Dichloroethene	2.40E+03	mg/kg	Grid Value	2.40E+03	value
1	2	SOU001-015	Copper	1.42E+01	mg/kg	Grid Value	1.13E+02	value
1	2	SOU001-015	Manganese	4.73E+02	mg/kg	Grid Value	7.28E+02	value
1	2	SOU001-015	Mercury	2.67E-02	mg/kg	Grid Value	7.06E+00	value
1	2	SOU001-015	Nickel	1.86E+01	mg/kg	Grid Value	4.96E+01	value
1	2	SOU001-015	PCB, Total	2.43E-01	mg/kg	Grid Value	3.21E+01	value
1	2	SOU001-015	Silver	2.91E-01	mg/kg	Grid Value	7.39E+01	value
1	2	SOU001-015	Thallium	5.34E-03	mg/kg	Grid Value	3.70E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
1	2	SOU001-015	trans-1,2-Dichloroethene	1.60E+01	mg/kg	Grid Value	8.93E+00	value
1	2	SOU001-015	Trichloroethene	8.70E+01	mg/kg	Grid Value	6.48E+01	value
1	2	SOU001-015	Vanadium	3.07E+01	mg/kg	Grid Value	3.22E+01	value
1	2	SOU001-015	Vinyl chloride	4.00E-01	mg/kg	Grid Value	4.47E+00	value
1	2	SOU001-016	Aluminum	8.26E+03	mg/kg	Grid Value	9.14E+03	value
1	2	SOU001-016	Arsenic	3.99E+00	mg/kg	Grid Value	7.82E+00	value
1	2	SOU001-016	Barium	1.43E+02	mg/kg	Grid Value	1.57E+02	value
1	2	SOU001-016	Beryllium	7.00E-01	mg/kg	Grid Value	5.07E+00	value
1	2	SOU001-016	Cadmium	6.40E+00	mg/kg	Grid Value	3.74E+00	value
1	2	SOU001-016	Chromium	1.54E+01	mg/kg	Grid Value	1.26E+02	value
1	2	SOU001-016	cis-1,2-Dichloroethene	2.00E-03	mg/kg	Grid Value	2.40E+03	value
1	2	SOU001-016	Copper	1.48E+01	mg/kg	Grid Value	1.13E+02	value
1	2	SOU001-016	Manganese	7.48E+02	mg/kg	Grid Value	7.28E+02	value
1	2	SOU001-016	Mercury	2.56E-02	mg/kg	Grid Value	7.06E+00	value
1	2	SOU001-016	Nickel	1.84E+01	mg/kg	Grid Value	4.96E+01	value
1	2	SOU001-016	PCB, Total	8.70E-01	mg/kg	Grid Value	3.21E+01	value
1	2	SOU001-016	Silver	8.00E-02	mg/kg	Grid Value	7.39E+01	value
1	2	SOU001-016	Thallium	6.00E-01	mg/kg	Grid Value	3.70E-01	value
1	2	SOU001-016	trans-1,2-Dichloroethene	2.00E-03	mg/kg	Grid Value	8.93E+00	value
1	2	SOU001-016	Trichloroethene	2.00E-01	mg/kg	Grid Value	6.48E+01	value
1	2	SOU001-016	Vanadium	2.63E+01	mg/kg	Grid Value	3.22E+01	value
1	2	SOU001-016	Vinyl chloride	1.00E-03	mg/kg	Grid Value	4.47E+00	value
1	2	SOU001-017	Aluminum	7.63E+03	mg/kg	Grid Value	9.14E+03	value
1	2	SOU001-017	Arsenic	1.15E+01	mg/kg	Grid Value	7.82E+00	value
1	2	SOU001-017	Barium	1.22E+02	mg/kg	Grid Value	1.57E+02	value
1	2	SOU001-017	Beryllium	7.57E-01	mg/kg	Grid Value	5.07E+00	value
1	2	SOU001-017	Cadmium	4.89E-02	mg/kg	Grid Value	3.74E+00	value
1	2	SOU001-017	Chromium	1.61E+01	mg/kg	Grid Value	1.26E+02	value
1	2	SOU001-017	cis-1,2-Dichloroethene	9.00E-01	mg/kg	Grid Value	2.40E+03	value
1	2	SOU001-017	Copper	1.30E+01	mg/kg	Grid Value	1.13E+02	value
1	2	SOU001-017	Manganese	9.02E+02	mg/kg	Grid Value	7.28E+02	value
1	2	SOU001-017	Mercury	2.30E-02	mg/kg	Grid Value	7.06E+00	value
1	2	SOU001-017	Nickel	2.70E+01	mg/kg	Grid Value	4.96E+01	value
1	2	SOU001-017	PCB, Total	4.18E-01	mg/kg	Grid Value	3.21E+01	value
1	2	SOU001-017	Silver	7.39E+01	mg/kg	Grid Value	7.39E+01	value
1	2	SOU001-017	Thallium	5.34E-01	mg/kg	Grid Value	3.70E-01	value
1	2	SOU001-017	trans-1,2-Dichloroethene	9.00E-01	mg/kg	Grid Value	8.93E+00	value
1	2	SOU001-017	Trichloroethene	6.00E-03	mg/kg	Grid Value	6.48E+01	value
1	2	SOU001-017	Vanadium	3.30E+01	mg/kg	Grid Value	3.22E+01	value
1	2	SOU001-017	Vinyl chloride	1.20E-02	mg/kg	Grid Value	4.47E+00	value
1	2	SOU001-025	Aluminum	8.37E+03	mg/kg	Grid Value	9.14E+03	value
1	2	SOU001-025	Arsenic	9.41E+00	mg/kg	Grid Value	7.82E+00	value
1	2	SOU001-025	Barium	1.74E+02	mg/kg	Grid Value	1.57E+02	value
1	2	SOU001-025	Beryllium	5.59E-01	mg/kg	Grid Value	5.07E+00	value
1	2	SOU001-025	Cadmium	3.13E+00	mg/kg	Grid Value	3.74E+00	value
1	2	SOU001-025	Chromium	2.79E+01	mg/kg	Grid Value	1.26E+02	value
1	2	SOU001-025	cis-1,2-Dichloroethene	6.00E+00	mg/kg	Grid Value	2.40E+03	value
1	2	SOU001-025	Copper	1.66E+01	mg/kg	Grid Value	1.13E+02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
1	2	SOU001-025	Manganese	7.12E+02	mg/kg	Grid Value	7.28E+02	value
1	2	SOU001-025	Mercury	1.90E-02	mg/kg	Grid Value	7.06E+00	value
1	2	SOU001-025	Nickel	1.57E+01	mg/kg	Grid Value	4.96E+01	value
1	2	SOU001-025	PCB, Total	2.35E-01	mg/kg	Grid Value	3.21E+01	value
1	2	SOU001-025	Silver	1.80E-01	mg/kg	Grid Value	7.39E+01	value
1	2	SOU001-025	Thallium	1.33E-01	mg/kg	Grid Value	3.70E-01	value
1	2	SOU001-025	trans-1,2-Dichloroethene	4.30E+00	mg/kg	Grid Value	8.93E+00	value
1	2	SOU001-025	Trichloroethene	2.10E+00	mg/kg	Grid Value	6.48E+01	value
1	2	SOU001-025	Vanadium	3.40E+01	mg/kg	Grid Value	3.22E+01	value
1	2	SOU001-025	Vinyl chloride	4.80E+00	mg/kg	Grid Value	4.47E+00	value
1	2	SOU001-026	Aluminum	7.85E+03	mg/kg	Grid Value	9.14E+03	value
1	2	SOU001-026	Arsenic	7.87E+00	mg/kg	Grid Value	7.82E+00	value
1	2	SOU001-026	Barium	1.75E+02	mg/kg	Grid Value	1.57E+02	value
1	2	SOU001-026	Beryllium	5.55E-01	mg/kg	Grid Value	5.07E+00	value
1	2	SOU001-026	Cadmium	9.97E-01	mg/kg	Grid Value	3.74E+00	value
1	2	SOU001-026	Chromium	1.35E+01	mg/kg	Grid Value	1.26E+02	value
1	2	SOU001-026	cis-1,2-Dichloroethene	4.00E-01	mg/kg	Grid Value	2.40E+03	value
1	2	SOU001-026	Copper	1.49E+01	mg/kg	Grid Value	1.13E+02	value
1	2	SOU001-026	Manganese	7.41E+02	mg/kg	Grid Value	7.28E+02	value
1	2	SOU001-026	Mercury	3.62E-02	mg/kg	Grid Value	7.06E+00	value
1	2	SOU001-026	Nickel	1.98E+01	mg/kg	Grid Value	4.96E+01	value
1	2	SOU001-026	PCB, Total	5.33E-01	mg/kg	Grid Value	3.21E+01	value
1	2	SOU001-026	Silver	2.91E-01	mg/kg	Grid Value	7.39E+01	value
1	2	SOU001-026	Thallium	1.48E-01	mg/kg	Grid Value	3.70E-01	value
1	2	SOU001-026	trans-1,2-Dichloroethene	1.10E+00	mg/kg	Grid Value	8.93E+00	value
1	2	SOU001-026	Trichloroethene	1.00E-01	mg/kg	Grid Value	6.48E+01	value
1	2	SOU001-026	Vanadium	2.38E+01	mg/kg	Grid Value	3.22E+01	value
1	2	SOU001-026	Vinyl chloride	4.00E-01	mg/kg	Grid Value	4.47E+00	value
1	2	SOU001-027	Aluminum	8.10E+03	mg/kg	Grid Value	9.14E+03	value
1	2	SOU001-027	Arsenic	4.64E+00	mg/kg	Grid Value	7.82E+00	value
1	2	SOU001-027	Barium	1.52E+02	mg/kg	Grid Value	1.57E+02	value
1	2	SOU001-027	Beryllium	4.96E-01	mg/kg	Grid Value	5.07E+00	value
1	2	SOU001-027	Cadmium	3.20E+00	mg/kg	Grid Value	3.74E+00	value
1	2	SOU001-027	Chromium	1.42E+01	mg/kg	Grid Value	1.26E+02	value
1	2	SOU001-027	cis-1,2-Dichloroethene	5.00E-01	mg/kg	Grid Value	2.40E+03	value
1	2	SOU001-027	Copper	1.58E+01	mg/kg	Grid Value	1.13E+02	value
1	2	SOU001-027	Manganese	4.36E+02	mg/kg	Grid Value	7.28E+02	value
1	2	SOU001-027	Mercury	8.20E-03	mg/kg	Grid Value	7.06E+00	value
1	2	SOU001-027	Nickel	2.09E+01	mg/kg	Grid Value	4.96E+01	value
1	2	SOU001-027	PCB, Total	1.53E-01	mg/kg	Grid Value	3.21E+01	value
1	2	SOU001-027	Silver	2.91E-01	mg/kg	Grid Value	7.39E+01	value
1	2	SOU001-027	Thallium	1.61E-01	mg/kg	Grid Value	3.70E-01	value
1	2	SOU001-027	trans-1,2-Dichloroethene	1.00E-01	mg/kg	Grid Value	8.93E+00	value
1	2	SOU001-027	Trichloroethene	2.00E-01	mg/kg	Grid Value	6.48E+01	value
1	2	SOU001-027	Vanadium	1.95E+01	mg/kg	Grid Value	3.22E+01	value
1	2	SOU001-027	Vinyl chloride	5.00E-01	mg/kg	Grid Value	4.47E+00	value
1	2	SOU001-028	Aluminum	1.24E+04	mg/kg	Grid Value	9.14E+03	value
1	2	SOU001-028	Arsenic	9.00E+00	mg/kg	Grid Value	7.82E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
1	2	SOU001-028	Barium	1.59E+02	mg/kg	Grid Value	1.57E+02	value
1	2	SOU001-028	Beryllium	1.05E+01	mg/kg	Grid Value	5.07E+00	value
1	2	SOU001-028	Cadmium	6.50E+00	mg/kg	Grid Value	3.74E+00	value
1	2	SOU001-028	Chromium	2.58E+02	mg/kg	Grid Value	1.26E+02	value
1	2	SOU001-028	cis-1,2-Dichloroethene	2.41E+02	mg/kg	Avg	2.40E+03	value
1	2	SOU001-028	Copper	2.31E+02	mg/kg	Grid Value	1.13E+02	value
1	2	SOU001-028	Manganese	7.46E+02	mg/kg	Grid Value	7.28E+02	value
1	2	SOU001-028	Mercury	7.70E+00	mg/kg	Grid Value	7.06E+00	value
1	2	SOU001-028	Nickel	8.54E+01	mg/kg	Grid Value	4.96E+01	value
1	2	SOU001-028	PCB, Total	3.50E+01	mg/kg	Grid Value	3.21E+01	value
1	2	SOU001-028	Silver	4.25E+01	mg/kg	Grid Value	7.39E+01	value
1	2	SOU001-028	Thallium	3.70E-01	mg/kg	Grid Value	3.70E-01	value
1	2	SOU001-028	trans-1,2-Dichloroethene	3.03E+00	mg/kg	Avg	8.93E+00	value
1	2	SOU001-028	Trichloroethene	1.00E-03	mg/kg	Grid Value	6.48E+01	value
1	2	SOU001-028	Vanadium	4.21E+01	mg/kg	Grid Value	3.22E+01	value
1	2	SOU001-028	Vinyl chloride	1.00E-03	mg/kg	Grid Value	4.47E+00	value
1	3	SOU001-007	Antimony	2.30E-01	mg/kg	Grid Value	3.80E-01	value
1	3	SOU001-007	Arsenic	5.75E+00	mg/kg	Grid Value	6.24E+00	value
1	3	SOU001-007	Barium	9.90E+01	mg/kg	Grid Value	1.34E+02	value
1	3	SOU001-007	Cadmium	2.32E+00	mg/kg	Grid Value	3.32E+00	value
1	3	SOU001-007	Manganese	4.27E+02	mg/kg	Grid Value	5.13E+02	value
1	3	SOU001-007	Nickel	1.09E+01	mg/kg	Grid Value	2.16E+01	value
1	3	SOU001-007	PCB, Total	1.70E-02	mg/kg	Grid Value	2.08E-01	value
1	3	SOU001-007	Uranium-238	1.73E+00	pCi/g	Grid Value	1.73E+00	value
1	3	SOU001-008	Antimony	2.30E-01	mg/kg	Grid Value	3.80E-01	value
1	3	SOU001-008	Arsenic	5.91E+00	mg/kg	Grid Value	6.24E+00	value
1	3	SOU001-008	Barium	1.01E+02	mg/kg	Grid Value	1.34E+02	value
1	3	SOU001-008	Cadmium	2.19E+00	mg/kg	Grid Value	3.32E+00	value
1	3	SOU001-008	Manganese	2.50E+02	mg/kg	Grid Value	5.13E+02	value
1	3	SOU001-008	Nickel	1.16E+01	mg/kg	Grid Value	2.16E+01	value
1	3	SOU001-008	PCB, Total	3.65E-01	mg/kg	Grid Value	2.08E-01	value
1	3	SOU001-008	Uranium-238	1.73E+00	pCi/g	Avg	1.73E+00	value
1	3	SOU001-009	Antimony	2.30E-01	mg/kg	Grid Value	3.80E-01	value
1	3	SOU001-009	Arsenic	6.28E+00	mg/kg	Grid Value	6.24E+00	value
1	3	SOU001-009	Barium	9.96E+01	mg/kg	Grid Value	1.34E+02	value
1	3	SOU001-009	Cadmium	1.65E+00	mg/kg	Grid Value	3.32E+00	value
1	3	SOU001-009	Manganese	6.70E+02	mg/kg	Grid Value	5.13E+02	value
1	3	SOU001-009	Nickel	1.31E+01	mg/kg	Grid Value	2.16E+01	value
1	3	SOU001-009	PCB, Total	1.70E-02	mg/kg	Grid Value	2.08E-01	value
1	3	SOU001-009	Uranium-238	1.73E+00	pCi/g	Avg	1.73E+00	value
1	3	SOU001-010	Antimony	7.84E-01	mg/kg	Grid Value	3.80E-01	value
1	3	SOU001-010	Arsenic	2.09E+00	mg/kg	Grid Value	6.24E+00	value
1	3	SOU001-010	Barium	1.25E+02	mg/kg	Grid Value	1.34E+02	value
1	3	SOU001-010	Cadmium	4.33E-03	mg/kg	Grid Value	3.32E+00	value
1	3	SOU001-010	Manganese	4.68E+02	mg/kg	Grid Value	5.13E+02	value
1	3	SOU001-010	Nickel	2.98E-01	mg/kg	Grid Value	2.16E+01	value
1	3	SOU001-010	PCB, Total	1.70E-02	mg/kg	Grid Value	2.08E-01	value
1	3	SOU001-010	Uranium-238	1.73E+00	pCi/g	Avg	1.73E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
1	3	SOU001-018	Antimony	2.99E-01	mg/kg	Avg	3.80E-01	value
1	3	SOU001-018	Arsenic	5.16E+00	mg/kg	Avg	6.24E+00	value
1	3	SOU001-018	Barium	1.20E+02	mg/kg	Avg	1.34E+02	value
1	3	SOU001-018	Cadmium	2.15E+00	mg/kg	Avg	3.32E+00	value
1	3	SOU001-018	Manganese	4.05E+02	mg/kg	Avg	5.13E+02	value
1	3	SOU001-018	Nickel	1.35E+01	mg/kg	Avg	2.16E+01	value
1	3	SOU001-018	PCB, Total	1.97E-01	mg/kg	Grid Value	2.08E-01	value
1	3	SOU001-018	Uranium-238	1.73E+00	pCi/g	Avg	1.73E+00	value
1	3	SOU001-019	Antimony	2.99E-01	mg/kg	Avg	3.80E-01	value
1	3	SOU001-019	Arsenic	5.16E+00	mg/kg	Avg	6.24E+00	value
1	3	SOU001-019	Barium	1.20E+02	mg/kg	Avg	1.34E+02	value
1	3	SOU001-019	Cadmium	2.15E+00	mg/kg	Avg	3.32E+00	value
1	3	SOU001-019	Manganese	4.05E+02	mg/kg	Avg	5.13E+02	value
1	3	SOU001-019	Nickel	1.35E+01	mg/kg	Avg	2.16E+01	value
1	3	SOU001-019	PCB, Total	7.57E-02	mg/kg	Avg	2.08E-01	value
1	3	SOU001-019	Uranium-238	1.73E+00	pCi/g	Avg	1.73E+00	value
1	3	SOU001-020	Antimony	2.99E-01	mg/kg	Avg	3.80E-01	value
1	3	SOU001-020	Arsenic	5.16E+00	mg/kg	Avg	6.24E+00	value
1	3	SOU001-020	Barium	1.20E+02	mg/kg	Avg	1.34E+02	value
1	3	SOU001-020	Cadmium	2.15E+00	mg/kg	Avg	3.32E+00	value
1	3	SOU001-020	Manganese	4.05E+02	mg/kg	Avg	5.13E+02	value
1	3	SOU001-020	Nickel	1.35E+01	mg/kg	Avg	2.16E+01	value
1	3	SOU001-020	PCB, Total	7.57E-02	mg/kg	Avg	2.08E-01	value
1	3	SOU001-020	Uranium-238	1.73E+00	pCi/g	Avg	1.73E+00	value
1	3	SOU001-021	Antimony	2.99E-01	mg/kg	Avg	3.80E-01	value
1	3	SOU001-021	Arsenic	5.16E+00	mg/kg	Avg	6.24E+00	value
1	3	SOU001-021	Barium	1.20E+02	mg/kg	Avg	1.34E+02	value
1	3	SOU001-021	Cadmium	2.15E+00	mg/kg	Avg	3.32E+00	value
1	3	SOU001-021	Manganese	4.05E+02	mg/kg	Avg	5.13E+02	value
1	3	SOU001-021	Nickel	1.35E+01	mg/kg	Avg	2.16E+01	value
1	3	SOU001-021	PCB, Total	7.57E-02	mg/kg	Avg	2.08E-01	value
1	3	SOU001-021	Uranium-238	1.73E+00	pCi/g	Avg	1.73E+00	value
1	3	SOU001-029	Antimony	2.30E-01	mg/kg	Grid Value	3.80E-01	value
1	3	SOU001-029	Arsenic	3.66E+00	mg/kg	Grid Value	6.24E+00	value
1	3	SOU001-029	Barium	1.25E+02	mg/kg	Grid Value	1.34E+02	value
1	3	SOU001-029	Cadmium	3.32E+00	mg/kg	Grid Value	3.32E+00	value
1	3	SOU001-029	Manganese	1.53E+02	mg/kg	Grid Value	5.13E+02	value
1	3	SOU001-029	Nickel	1.51E+01	mg/kg	Grid Value	2.16E+01	value
1	3	SOU001-029	PCB, Total	1.70E-02	mg/kg	Grid Value	2.08E-01	value
1	3	SOU001-029	Uranium-238	1.73E+00	pCi/g	Avg	1.73E+00	value
1	3	SOU001-030	Antimony	2.30E-01	mg/kg	Grid Value	3.80E-01	value
1	3	SOU001-030	Arsenic	1.05E+01	mg/kg	Grid Value	6.24E+00	value
1	3	SOU001-030	Barium	1.97E+02	mg/kg	Grid Value	1.34E+02	value
1	3	SOU001-030	Cadmium	2.90E+00	mg/kg	Grid Value	3.32E+00	value
1	3	SOU001-030	Manganese	8.81E+02	mg/kg	Grid Value	5.13E+02	value
1	3	SOU001-030	Nickel	2.97E+01	mg/kg	Grid Value	2.16E+01	value
1	3	SOU001-030	PCB, Total	1.70E-02	mg/kg	Grid Value	2.08E-01	value
1	3	SOU001-030	Uranium-238	1.73E+00	pCi/g	Avg	1.73E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
1	3	SOU001-031	Antimony	2.30E-01	mg/kg	Grid Value	3.80E-01	value
1	3	SOU001-031	Arsenic	3.69E+00	mg/kg	Grid Value	6.24E+00	value
1	3	SOU001-031	Barium	1.14E+02	mg/kg	Grid Value	1.34E+02	value
1	3	SOU001-031	Cadmium	2.68E+00	mg/kg	Grid Value	3.32E+00	value
1	3	SOU001-031	Manganese	2.01E+02	mg/kg	Grid Value	5.13E+02	value
1	3	SOU001-031	Nickel	1.57E+01	mg/kg	Grid Value	2.16E+01	value
1	3	SOU001-031	PCB, Total	1.70E-02	mg/kg	Grid Value	2.08E-01	value
1	3	SOU001-031	Uranium-238	1.73E+00	pCi/g	Avg	1.73E+00	value
1	3	SOU001-032	Antimony	2.30E-01	mg/kg	Grid Value	3.80E-01	value
1	3	SOU001-032	Arsenic	3.37E+00	mg/kg	Grid Value	6.24E+00	value
1	3	SOU001-032	Barium	9.70E+01	mg/kg	Grid Value	1.34E+02	value
1	3	SOU001-032	Cadmium	2.17E+00	mg/kg	Grid Value	3.32E+00	value
1	3	SOU001-032	Manganese	1.87E+02	mg/kg	Grid Value	5.13E+02	value
1	3	SOU001-032	Nickel	1.17E+01	mg/kg	Grid Value	2.16E+01	value
1	3	SOU001-032	PCB, Total	1.70E-02	mg/kg	Grid Value	2.08E-01	value
1	3	SOU001-032	Uranium-238	1.73E+00	pCi/g	Avg	1.73E+00	value
1	4	SOU001-035	Beryllium	6.77E-01	mg/kg	Grid Value	7.52E-01	value
1	4	SOU001-035	Cadmium	5.13E-01	mg/kg	Grid Value	2.09E+00	value
1	4	SOU001-035	Chromium	2.37E+01	mg/kg	Grid Value	7.09E+01	value
1	4	SOU001-035	Nickel	1.58E+01	mg/kg	Grid Value	2.81E+01	value
1	4	SOU001-035	PCB, Total	1.70E-02	mg/kg	Grid Value	9.24E-02	value
1	4	SOU001-035	Trichloroethene	5.00E-01	mg/kg	Grid Value	1.90E-01	value
1	4	SOU001-035	Vanadium	4.02E+01	mg/kg	Grid Value	2.87E+01	value
1	4	SOU001-035	Cesium-137	3.37E-01	pCi/g	Avg	3.37E-01	value
1	4	SOU001-035	Cobalt-60	2.20E-02	pCi/g	Avg	2.20E-02	value
1	4	SOU001-035	Thorium-230	5.03E+00	pCi/g	Avg	5.03E+00	value
1	4	SOU001-036	Beryllium	5.77E-01	mg/kg	Grid Value	7.52E-01	value
1	4	SOU001-036	Cadmium	2.46E+00	mg/kg	Grid Value	2.09E+00	value
1	4	SOU001-036	Chromium	1.61E+01	mg/kg	Grid Value	7.09E+01	value
1	4	SOU001-036	Nickel	1.54E+01	mg/kg	Grid Value	2.81E+01	value
1	4	SOU001-036	PCB, Total	1.70E-02	mg/kg	Grid Value	9.24E-02	value
1	4	SOU001-036	Trichloroethene	4.00E-01	mg/kg	Grid Value	1.90E-01	value
1	4	SOU001-036	Vanadium	2.56E+01	mg/kg	Grid Value	2.87E+01	value
1	4	SOU001-036	Cesium-137	3.37E-01	pCi/g	Avg	3.37E-01	value
1	4	SOU001-036	Cobalt-60	2.20E-02	pCi/g	Avg	2.20E-02	value
1	4	SOU001-036	Thorium-230	5.03E+00	pCi/g	Avg	5.03E+00	value
1	4	SOU001-037	Beryllium	4.20E-01	mg/kg	Grid Value	7.52E-01	value
1	4	SOU001-037	Cadmium	2.66E+00	mg/kg	Grid Value	2.09E+00	value
1	4	SOU001-037	Chromium	1.30E+01	mg/kg	Grid Value	7.09E+01	value
1	4	SOU001-037	Nickel	1.54E+01	mg/kg	Grid Value	2.81E+01	value
1	4	SOU001-037	PCB, Total	1.70E-02	mg/kg	Grid Value	9.24E-02	value
1	4	SOU001-037	Trichloroethene	4.00E-01	mg/kg	Grid Value	1.90E-01	value
1	4	SOU001-037	Vanadium	1.99E+01	mg/kg	Grid Value	2.87E+01	value
1	4	SOU001-037	Cesium-137	3.37E-01	pCi/g	Avg	3.37E-01	value
1	4	SOU001-037	Cobalt-60	2.20E-02	pCi/g	Avg	2.20E-02	value
1	4	SOU001-037	Thorium-230	5.03E+00	pCi/g	Avg	5.03E+00	value
1	4	SOU001-038	Beryllium	3.07E-01	mg/kg	Grid Value	7.52E-01	value
1	4	SOU001-038	Cadmium	1.52E+00	mg/kg	Grid Value	2.09E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
1	4	SOU001-038	Chromium	1.27E+01	mg/kg	Grid Value	7.09E+01	value
1	4	SOU001-038	Nickel	1.32E+01	mg/kg	Grid Value	2.81E+01	value
1	4	SOU001-038	PCB, Total	1.70E-02	mg/kg	Grid Value	9.24E-02	value
1	4	SOU001-038	Trichloroethene	6.00E-01	mg/kg	Grid Value	1.90E-01	value
1	4	SOU001-038	Vanadium	1.87E+01	mg/kg	Grid Value	2.87E+01	value
1	4	SOU001-038	Cesium-137	3.37E-01	pCi/g	Avg	3.37E-01	value
1	4	SOU001-038	Cobalt-60	2.20E-02	pCi/g	Avg	2.20E-02	value
1	4	SOU001-038	Thorium-230	5.03E+00	pCi/g	Avg	5.03E+00	value
1	4	SOU001-045	Beryllium	1.07E+00	mg/kg	Grid Value	7.52E-01	value
1	4	SOU001-045	Cadmium	3.35E+00	mg/kg	Grid Value	2.09E+00	value
1	4	SOU001-045	Chromium	1.89E+01	mg/kg	Grid Value	7.09E+01	value
1	4	SOU001-045	Nickel	1.19E+01	mg/kg	Grid Value	2.81E+01	value
1	4	SOU001-045	PCB, Total	1.70E-02	mg/kg	Grid Value	9.24E-02	value
1	4	SOU001-045	Trichloroethene	5.00E-01	mg/kg	Grid Value	1.90E-01	value
1	4	SOU001-045	Vanadium	2.51E+01	mg/kg	Grid Value	2.87E+01	value
1	4	SOU001-045	Cesium-137	3.37E-01	pCi/g	Avg	3.37E-01	value
1	4	SOU001-045	Cobalt-60	2.20E-02	pCi/g	Avg	2.20E-02	value
1	4	SOU001-045	Thorium-230	5.03E+00	pCi/g	Avg	5.03E+00	value
1	4	SOU001-046	Beryllium	9.50E-01	mg/kg	Grid Value	7.52E-01	value
1	4	SOU001-046	Cadmium	2.21E+00	mg/kg	Grid Value	2.09E+00	value
1	4	SOU001-046	Chromium	1.37E+02	mg/kg	Grid Value	7.09E+01	value
1	4	SOU001-046	Nickel	6.38E+01	mg/kg	Grid Value	2.81E+01	value
1	4	SOU001-046	PCB, Total	1.70E-02	mg/kg	Grid Value	9.24E-02	value
1	4	SOU001-046	Trichloroethene	1.90E-01	mg/kg	Grid Value	1.90E-01	value
1	4	SOU001-046	Vanadium	2.39E+01	mg/kg	Grid Value	2.87E+01	value
1	4	SOU001-046	Cesium-137	3.37E-01	pCi/g	Avg	3.37E-01	value
1	4	SOU001-046	Cobalt-60	2.20E-02	pCi/g	Avg	2.20E-02	value
1	4	SOU001-046	Thorium-230	5.03E+00	pCi/g	Avg	5.03E+00	value
1	4	SOU001-047	Beryllium	6.45E-01	mg/kg	Grid Value	7.52E-01	value
1	4	SOU001-047	Cadmium	2.74E+00	mg/kg	Grid Value	2.09E+00	value
1	4	SOU001-047	Chromium	1.29E+01	mg/kg	Grid Value	7.09E+01	value
1	4	SOU001-047	Nickel	1.91E+01	mg/kg	Grid Value	2.81E+01	value
1	4	SOU001-047	PCB, Total	1.70E-02	mg/kg	Grid Value	9.24E-02	value
1	4	SOU001-047	Trichloroethene	5.00E-01	mg/kg	Grid Value	1.90E-01	value
1	4	SOU001-047	Vanadium	2.09E+01	mg/kg	Grid Value	2.87E+01	value
1	4	SOU001-047	Cesium-137	3.37E-01	pCi/g	Avg	3.37E-01	value
1	4	SOU001-047	Cobalt-60	2.20E-02	pCi/g	Avg	2.20E-02	value
1	4	SOU001-047	Thorium-230	5.03E+00	pCi/g	Avg	5.03E+00	value
1	4	SOU001-048	Beryllium	6.38E-01	mg/kg	Avg	7.52E-01	value
1	4	SOU001-048	Cadmium	1.46E+00	mg/kg	Avg	2.09E+00	value
1	4	SOU001-048	Chromium	2.70E+01	mg/kg	Avg	7.09E+01	value
1	4	SOU001-048	Nickel	2.08E+01	mg/kg	Avg	2.81E+01	value
1	4	SOU001-048	PCB, Total	3.75E-02	mg/kg	Avg	9.24E-02	value
1	4	SOU001-048	Trichloroethene	3.96E-01	mg/kg	Avg	1.90E-01	value
1	4	SOU001-048	Vanadium	2.37E+01	mg/kg	Avg	2.87E+01	value
1	4	SOU001-048	Cesium-137	3.37E-01	pCi/g	Avg	3.37E-01	value
1	4	SOU001-048	Cobalt-60	2.20E-02	pCi/g	Avg	2.20E-02	value
1	4	SOU001-048	Thorium-230	5.03E+00	pCi/g	Avg	5.03E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
1	4	SOU001-054	Beryllium	3.74E-01	mg/kg	Grid Value	7.52E-01	value
1	4	SOU001-054	Cadmium	1.39E-01	mg/kg	Grid Value	2.09E+00	value
1	4	SOU001-054	Chromium	1.36E+01	mg/kg	Grid Value	7.09E+01	value
1	4	SOU001-054	Nickel	1.40E+01	mg/kg	Grid Value	2.81E+01	value
1	4	SOU001-054	PCB, Total	1.70E-02	mg/kg	Grid Value	9.24E-02	value
1	4	SOU001-054	Trichloroethene	2.60E-01	mg/kg	Grid Value	1.90E-01	value
1	4	SOU001-054	Vanadium	2.04E+01	mg/kg	Grid Value	2.87E+01	value
1	4	SOU001-054	Cesium-137	3.37E-01	pCi/g	Avg	3.37E-01	value
1	4	SOU001-054	Cobalt-60	2.20E-02	pCi/g	Avg	2.20E-02	value
1	4	SOU001-054	Thorium-230	5.03E+00	pCi/g	Avg	5.03E+00	value
1	4	SOU001-055	Beryllium	6.13E-01	mg/kg	Grid Value	7.52E-01	value
1	4	SOU001-055	Cadmium	2.12E-01	mg/kg	Grid Value	2.09E+00	value
1	4	SOU001-055	Chromium	1.59E+01	mg/kg	Grid Value	7.09E+01	value
1	4	SOU001-055	Nickel	1.94E+01	mg/kg	Grid Value	2.81E+01	value
1	4	SOU001-055	PCB, Total	1.30E-01	mg/kg	Grid Value	9.24E-02	value
1	4	SOU001-055	Trichloroethene	6.00E-01	mg/kg	Grid Value	1.90E-01	value
1	4	SOU001-055	Vanadium	3.36E+01	mg/kg	Grid Value	2.87E+01	value
1	4	SOU001-055	Cesium-137	3.37E-01	pCi/g	Avg	3.37E-01	value
1	4	SOU001-055	Cobalt-60	2.20E-02	pCi/g	Avg	2.20E-02	value
1	4	SOU001-055	Thorium-230	5.03E+00	pCi/g	Avg	5.03E+00	value
1	4	SOU001-056	Beryllium	7.76E-01	mg/kg	Grid Value	7.52E-01	value
1	4	SOU001-056	Cadmium	2.20E-01	mg/kg	Grid Value	2.09E+00	value
1	4	SOU001-056	Chromium	1.78E+01	mg/kg	Grid Value	7.09E+01	value
1	4	SOU001-056	Nickel	1.79E+01	mg/kg	Grid Value	2.81E+01	value
1	4	SOU001-056	PCB, Total	1.70E-02	mg/kg	Grid Value	9.24E-02	value
1	4	SOU001-056	Trichloroethene	5.00E-03	mg/kg	Grid Value	1.90E-01	value
1	4	SOU001-056	Vanadium	3.16E+01	mg/kg	Grid Value	2.87E+01	value
1	4	SOU001-056	Cesium-137	3.37E-01	pCi/g	Grid Value	3.37E-01	value
1	4	SOU001-056	Cobalt-60	2.20E-02	pCi/g	Grid Value	2.20E-02	value
1	4	SOU001-056	Thorium-230	5.03E+00	pCi/g	Grid Value	5.03E+00	value
1	4	SOU001-057	Beryllium	6.07E-01	mg/kg	Grid Value	7.52E-01	value
1	4	SOU001-057	Cadmium	4.89E-02	mg/kg	Grid Value	2.09E+00	value
1	4	SOU001-057	Chromium	1.51E+01	mg/kg	Grid Value	7.09E+01	value
1	4	SOU001-057	Nickel	2.34E+01	mg/kg	Grid Value	2.81E+01	value
1	4	SOU001-057	PCB, Total	1.30E-01	mg/kg	Grid Value	9.24E-02	value
1	4	SOU001-057	Trichloroethene	3.96E-01	mg/kg	Avg	1.90E-01	value
1	4	SOU001-057	Vanadium	2.53E-01	mg/kg	Grid Value	2.87E+01	value
1	4	SOU001-057	Cesium-137	3.37E-01	pCi/g	Avg	3.37E-01	value
1	4	SOU001-057	Cobalt-60	2.20E-02	pCi/g	Avg	2.20E-02	value
1	4	SOU001-057	Thorium-230	5.03E+00	pCi/g	Avg	5.03E+00	value
1	5	SOU001-039	Aluminum	7.93E+03	mg/kg	Avg	1.20E+04	maximum value
1	5	SOU001-039	Arsenic	6.61E+00	mg/kg	Avg	1.67E+01	maximum value
1	5	SOU001-039	Barium	1.18E+02	mg/kg	Avg	2.15E+02	maximum value
1	5	SOU001-039	Beryllium	1.59E+00	mg/kg	Avg	8.30E+00	maximum value
1	5	SOU001-039	Cadmium	2.07E+00	mg/kg	Avg	2.97E+00	maximum value
1	5	SOU001-039	Cobalt	6.67E+00	mg/kg	Avg	1.43E+01	maximum value
1	5	SOU001-039	Manganese	6.64E+02	mg/kg	Avg	2.16E+03	maximum value
1	5	SOU001-039	Nickel	1.83E+01	mg/kg	Avg	4.07E+01	maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
1	5	SOU001-039	PCB, Total	7.44E-02	mg/kg	Avg	2.70E-01	maximum value
1	5	SOU001-039	Total PAH	2.62E-01	mg/kg	Avg	9.83E-02	maximum value
1	5	SOU001-040	Aluminum	6.15E+03	mg/kg	Grid Value	1.20E+04	maximum value
1	5	SOU001-040	Arsenic	4.06E+00	mg/kg	Grid Value	1.67E+01	maximum value
1	5	SOU001-040	Barium	1.13E+02	mg/kg	Grid Value	2.15E+02	maximum value
1	5	SOU001-040	Beryllium	3.32E-01	mg/kg	Grid Value	8.30E+00	maximum value
1	5	SOU001-040	Cadmium	2.23E+00	mg/kg	Grid Value	2.97E+00	maximum value
1	5	SOU001-040	Cobalt	4.04E+00	mg/kg	Grid Value	1.43E+01	maximum value
1	5	SOU001-040	Manganese	3.40E+02	mg/kg	Grid Value	2.16E+03	maximum value
1	5	SOU001-040	Nickel	1.24E+01	mg/kg	Grid Value	4.07E+01	maximum value
1	5	SOU001-040	PCB, Total	1.70E-02	mg/kg	Grid Value	2.70E-01	maximum value
1	5	SOU001-040	Total PAH	3.30E-01	mg/kg	Grid Value	9.83E-02	maximum value
1	5	SOU001-041	Aluminum	8.58E+03	mg/kg	Grid Value	1.20E+04	maximum value
1	5	SOU001-041	Arsenic	4.48E+00	mg/kg	Grid Value	1.67E+01	maximum value
1	5	SOU001-041	Barium	1.24E+02	mg/kg	Grid Value	2.15E+02	maximum value
1	5	SOU001-041	Beryllium	3.60E-01	mg/kg	Grid Value	8.30E+00	maximum value
1	5	SOU001-041	Cadmium	1.50E+00	mg/kg	Grid Value	2.97E+00	maximum value
1	5	SOU001-041	Cobalt	4.42E+00	mg/kg	Grid Value	1.43E+01	maximum value
1	5	SOU001-041	Manganese	3.31E+02	mg/kg	Grid Value	2.16E+03	maximum value
1	5	SOU001-041	Nickel	1.58E+01	mg/kg	Grid Value	4.07E+01	maximum value
1	5	SOU001-041	PCB, Total	1.70E-02	mg/kg	Grid Value	2.70E-01	maximum value
1	5	SOU001-041	Total PAH	3.30E-01	mg/kg	Grid Value	9.83E-02	maximum value
1	5	SOU001-042	Aluminum	8.38E+03	mg/kg	Grid Value	1.20E+04	maximum value
1	5	SOU001-042	Arsenic	6.05E+00	mg/kg	Grid Value	1.67E+01	maximum value
1	5	SOU001-042	Barium	1.18E+02	mg/kg	Grid Value	2.15E+02	maximum value
1	5	SOU001-042	Beryllium	4.98E-01	mg/kg	Grid Value	8.30E+00	maximum value
1	5	SOU001-042	Cadmium	2.35E+00	mg/kg	Grid Value	2.97E+00	maximum value
1	5	SOU001-042	Cobalt	6.06E+00	mg/kg	Grid Value	1.43E+01	maximum value
1	5	SOU001-042	Manganese	3.49E+02	mg/kg	Grid Value	2.16E+03	maximum value
1	5	SOU001-042	Nickel	2.15E+01	mg/kg	Grid Value	4.07E+01	maximum value
1	5	SOU001-042	PCB, Total	1.70E-02	mg/kg	Grid Value	2.70E-01	maximum value
1	5	SOU001-042	Total PAH	3.30E-01	mg/kg	Grid Value	9.83E-02	maximum value
1	5	SOU001-049	Aluminum	8.69E+03	mg/kg	Grid Value	1.20E+04	maximum value
1	5	SOU001-049	Arsenic	1.67E+01	mg/kg	Grid Value	1.67E+01	maximum value
1	5	SOU001-049	Barium	2.15E+02	mg/kg	Grid Value	2.15E+02	maximum value
1	5	SOU001-049	Beryllium	8.30E+00	mg/kg	Grid Value	8.30E+00	maximum value
1	5	SOU001-049	Cadmium	2.97E+00	mg/kg	Grid Value	2.97E+00	maximum value
1	5	SOU001-049	Cobalt	1.43E+01	mg/kg	Grid Value	1.43E+01	maximum value
1	5	SOU001-049	Manganese	2.16E+03	mg/kg	Grid Value	2.16E+03	maximum value
1	5	SOU001-049	Nickel	2.40E+01	mg/kg	Grid Value	4.07E+01	maximum value
1	5	SOU001-049	PCB, Total	1.70E-02	mg/kg	Grid Value	2.70E-01	maximum value
1	5	SOU001-049	Total PAH	3.30E-01	mg/kg	Grid Value	9.83E-02	maximum value
1	5	SOU001-050	Aluminum	7.40E+03	mg/kg	Grid Value	1.20E+04	maximum value
1	5	SOU001-050	Arsenic	3.53E+00	mg/kg	Grid Value	1.67E+01	maximum value
1	5	SOU001-050	Barium	7.91E+01	mg/kg	Grid Value	2.15E+02	maximum value
1	5	SOU001-050	Beryllium	4.62E-01	mg/kg	Grid Value	8.30E+00	maximum value
1	5	SOU001-050	Cadmium	1.99E+00	mg/kg	Grid Value	2.97E+00	maximum value
1	5	SOU001-050	Cobalt	4.39E+00	mg/kg	Grid Value	1.43E+01	maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
1	5	SOU001-050	Manganese	3.21E+02	mg/kg	Grid Value	2.16E+03	maximum value
1	5	SOU001-050	Nickel	6.79E+00	mg/kg	Grid Value	4.07E+01	maximum value
1	5	SOU001-050	PCB, Total	1.70E-02	mg/kg	Grid Value	2.70E-01	maximum value
1	5	SOU001-050	Total PAH	3.30E-01	mg/kg	Grid Value	9.83E-02	maximum value
1	5	SOU001-051	Aluminum	4.29E+03	mg/kg	Grid Value	1.20E+04	maximum value
1	5	SOU001-051	Arsenic	3.17E+00	mg/kg	Grid Value	1.67E+01	maximum value
1	5	SOU001-051	Barium	3.74E+01	mg/kg	Grid Value	2.15E+02	maximum value
1	5	SOU001-051	Beryllium	4.88E-01	mg/kg	Grid Value	8.30E+00	maximum value
1	5	SOU001-051	Cadmium	1.95E+00	mg/kg	Grid Value	2.97E+00	maximum value
1	5	SOU001-051	Cobalt	3.40E+00	mg/kg	Grid Value	1.43E+01	maximum value
1	5	SOU001-051	Manganese	3.84E+02	mg/kg	Grid Value	2.16E+03	maximum value
1	5	SOU001-051	Nickel	7.22E+00	mg/kg	Grid Value	4.07E+01	maximum value
1	5	SOU001-051	PCB, Total	1.20E-01	mg/kg	Grid Value	2.70E-01	maximum value
1	5	SOU001-051	Total PAH	8.75E-02	mg/kg	Grid Value	9.83E-02	maximum value
1	5	SOU001-058	Aluminum	1.20E+04	mg/kg	Grid Value	1.20E+04	maximum value
1	5	SOU001-058	Arsenic	8.30E+00	mg/kg	Grid Value	1.67E+01	maximum value
1	5	SOU001-058	Barium	1.40E+02	mg/kg	Grid Value	2.15E+02	maximum value
1	5	SOU001-058	Beryllium	7.20E-01	mg/kg	Grid Value	8.30E+00	maximum value
1	5	SOU001-058	Cadmium	1.48E+00	mg/kg	Grid Value	2.97E+00	maximum value
1	5	SOU001-058	Cobalt	1.01E+01	mg/kg	Grid Value	1.43E+01	maximum value
1	5	SOU001-058	Manganese	7.63E+02	mg/kg	Grid Value	2.16E+03	maximum value
1	5	SOU001-058	Nickel	4.07E+01	mg/kg	Grid Value	4.07E+01	maximum value
1	5	SOU001-058	PCB, Total	2.70E-01	mg/kg	Grid Value	2.70E-01	maximum value
1	5	SOU001-058	Total PAH	9.83E-02	mg/kg	Grid Value	9.83E-02	maximum value
1	5	SOU001-059	Aluminum	7.93E+03	mg/kg	Avg	1.20E+04	maximum value
1	5	SOU001-059	Arsenic	6.61E+00	mg/kg	Avg	1.67E+01	maximum value
1	5	SOU001-059	Barium	1.18E+02	mg/kg	Avg	2.15E+02	maximum value
1	5	SOU001-059	Beryllium	1.59E+00	mg/kg	Avg	8.30E+00	maximum value
1	5	SOU001-059	Cadmium	2.07E+00	mg/kg	Avg	2.97E+00	maximum value
1	5	SOU001-059	Cobalt	6.67E+00	mg/kg	Avg	1.43E+01	maximum value
1	5	SOU001-059	Manganese	6.64E+02	mg/kg	Avg	2.16E+03	maximum value
1	5	SOU001-059	Nickel	1.83E+01	mg/kg	Avg	4.07E+01	maximum value
1	5	SOU001-059	PCB, Total	1.20E-01	mg/kg	Grid Value	2.70E-01	maximum value
1	5	SOU001-059	Total PAH	2.62E-01	mg/kg	Avg	9.83E-02	maximum value
99	1	SOU099-049	Aluminum	1.09E+04	mg/kg	Avg	1.16E+04	value
99	1	SOU099-049	Arsenic	1.11E+01	mg/kg	Grid Value	9.94E+00	value
99	1	SOU099-049	Barium	1.23E+02	mg/kg	Avg	1.35E+02	value
99	1	SOU099-049	Beryllium	6.68E-01	mg/kg	Avg	7.22E-01	value
99	1	SOU099-049	Chromium	4.16E+01	mg/kg	Grid Value	6.29E+01	value
99	1	SOU099-049	Manganese	5.35E+02	mg/kg	Grid Value	6.28E+02	value
99	1	SOU099-049	Mercury	1.00E+01	mg/kg	Grid Value	9.53E+00	value
99	1	SOU099-049	Nickel	6.50E+01	mg/kg	Grid Value	8.52E+01	value
99	1	SOU099-049	Silver	1.00E+01	mg/kg	Grid Value	1.03E+01	value
99	1	SOU099-049	Uranium	2.00E+01	mg/kg	Grid Value	1.61E+01	value
99	1	SOU099-049	Cobalt-60	5.69E-03	pCi/g	Avg	1.19E-02	value
99	1	SOU099-049	Uranium-238	8.78E-01	pCi/g	Avg	9.45E-01	value
99	1	049B	Aluminum	1.09E+04	mg/kg	Avg	1.16E+04	value
99	1	049B	Arsenic	8.34E+00	mg/kg	Grid Value	9.94E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
99	1	049B	Barium	1.23E+02	mg/kg	Avg	1.35E+02	value
99	1	049B	Beryllium	6.68E-01	mg/kg	Avg	7.22E-01	value
99	1	049B	Chromium	4.77E+01	mg/kg	Grid Value	6.29E+01	value
99	1	049B	Manganese	3.82E+02	mg/kg	Grid Value	6.28E+02	value
99	1	049B	Mercury	1.00E+01	mg/kg	Grid Value	9.53E+00	value
99	1	049B	Nickel	6.50E+01	mg/kg	Grid Value	8.52E+01	value
99	1	049B	Silver	1.00E+01	mg/kg	Grid Value	1.03E+01	value
99	1	049B	Uranium	2.00E+01	mg/kg	Grid Value	1.61E+01	value
99	1	049B	Cobalt-60	5.69E-03	pCi/g	Avg	1.19E-02	value
99	1	049B	Uranium-238	8.78E-01	pCi/g	Avg	9.45E-01	value
99	1	049C	Aluminum	1.50E+04	mg/kg	Grid Value	1.16E+04	value
99	1	049C	Arsenic	1.24E+01	mg/kg	Grid Value	9.94E+00	value
99	1	049C	Barium	1.02E+02	mg/kg	Grid Value	1.35E+02	value
99	1	049C	Beryllium	6.60E-01	mg/kg	Grid Value	7.22E-01	value
99	1	049C	Chromium	5.17E+01	mg/kg	Grid Value	6.29E+01	value
99	1	049C	Manganese	6.26E+02	mg/kg	Grid Value	6.28E+02	value
99	1	049C	Mercury	4.16E-02	mg/kg	Grid Value	9.53E+00	value
99	1	049C	Nickel	1.14E+01	mg/kg	Grid Value	8.52E+01	value
99	1	049C	Silver	3.20E-02	mg/kg	Grid Value	1.03E+01	value
99	1	049C	Uranium	8.65E+00	mg/kg	Grid Value	1.61E+01	value
99	1	049C	Cobalt-60	5.69E-03	pCi/g	Avg	1.19E-02	value
99	1	049C	Uranium-238	8.78E-01	pCi/g	Avg	9.45E-01	value
99	1	049F	Aluminum	1.09E+04	mg/kg	Avg	1.16E+04	value
99	1	049F	Arsenic	1.01E+01	mg/kg	Grid Value	9.94E+00	value
99	1	049F	Barium	1.23E+02	mg/kg	Avg	1.35E+02	value
99	1	049F	Beryllium	6.68E-01	mg/kg	Avg	7.22E-01	value
99	1	049F	Chromium	1.17E+02	mg/kg	Grid Value	6.29E+01	value
99	1	049F	Manganese	4.95E+02	mg/kg	Grid Value	6.28E+02	value
99	1	049F	Mercury	1.00E+01	mg/kg	Grid Value	9.53E+00	value
99	1	049F	Nickel	6.98E+01	mg/kg	Grid Value	8.52E+01	value
99	1	049F	Silver	1.00E+01	mg/kg	Grid Value	1.03E+01	value
99	1	049F	Uranium	1.61E+01	mg/kg	Grid Value	1.61E+01	value
99	1	049F	Cobalt-60	5.69E-03	pCi/g	Avg	1.19E-02	value
99	1	049F	Uranium-238	8.78E-01	pCi/g	Avg	9.45E-01	value
99	1	049G	Aluminum	1.09E+04	mg/kg	Avg	1.16E+04	value
99	1	049G	Arsenic	8.59E+00	mg/kg	Grid Value	9.94E+00	value
99	1	049G	Barium	1.23E+02	mg/kg	Avg	1.35E+02	value
99	1	049G	Beryllium	6.68E-01	mg/kg	Avg	7.22E-01	value
99	1	049G	Chromium	3.57E+01	mg/kg	Grid Value	6.29E+01	value
99	1	049G	Manganese	4.89E+02	mg/kg	Grid Value	6.28E+02	value
99	1	049G	Mercury	7.22E+00	mg/kg	Grid Value	9.53E+00	value
99	1	049G	Nickel	6.19E+01	mg/kg	Grid Value	8.52E+01	value
99	1	049G	Silver	1.00E+01	mg/kg	Grid Value	1.03E+01	value
99	1	049G	Uranium	2.00E+01	mg/kg	Grid Value	1.61E+01	value
99	1	049G	Cobalt-60	5.69E-03	pCi/g	Avg	1.19E-02	value
99	1	049G	Uranium-238	8.78E-01	pCi/g	Avg	9.45E-01	value
99	1	SOU099-050	Aluminum	1.09E+04	mg/kg	Avg	1.16E+04	value
99	1	SOU099-050	Arsenic	1.10E+01	mg/kg	Grid Value	9.94E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
99	1	SOU99-050	Barium	1.23E+02	mg/kg	Avg	1.35E+02	value
99	1	SOU99-050	Beryllium	6.68E-01	mg/kg	Avg	7.22E-01	value
99	1	SOU99-050	Chromium	5.51E+01	mg/kg	Grid Value	6.29E+01	value
99	1	SOU99-050	Manganese	4.10E+02	mg/kg	Grid Value	6.28E+02	value
99	1	SOU99-050	Mercury	1.00E+01	mg/kg	Grid Value	9.53E+00	value
99	1	SOU99-050	Nickel	6.50E+01	mg/kg	Grid Value	8.52E+01	value
99	1	SOU99-050	Silver	1.00E+01	mg/kg	Grid Value	1.03E+01	value
99	1	SOU99-050	Uranium	8.09E+00	mg/kg	Grid Value	1.61E+01	value
99	1	SOU99-050	Cobalt-60	5.69E-03	pCi/g	Avg	1.19E-02	value
99	1	SOU99-050	Uranium-238	8.78E-01	pCi/g	Avg	9.45E-01	value
99	1	SOU99-050A	Aluminum	1.20E+04	mg/kg	Grid Value	1.16E+04	UCL 95 or maximum value
99	1	SOU99-050A	Arsenic	7.65E+00	mg/kg	Grid Value	9.94E+00	UCL 95 or maximum value
99	1	SOU99-050A	Barium	1.30E+02	mg/kg	Grid Value	1.35E+02	UCL 95 or maximum value
99	1	SOU99-050A	Beryllium	1.00E+00	mg/kg	Grid Value	7.22E-01	UCL 95 or maximum value
99	1	SOU99-050A	Chromium	3.85E+01	mg/kg	Grid Value	6.29E+01	UCL 95 or maximum value
99	1	SOU99-050A	Manganese	5.24E+02	mg/kg	Grid Value	6.28E+02	UCL 95 or maximum value
99	1	SOU99-050A	Mercury	2.00E-01	mg/kg	Grid Value	9.53E+00	UCL 95 or maximum value
99	1	SOU99-050A	Nickel	8.43E+01	mg/kg	Grid Value	8.52E+01	UCL 95 or maximum value
99	1	SOU99-050A	Silver	4.00E+00	mg/kg	Grid Value	1.03E+01	UCL 95 or maximum value
99	1	SOU99-050A	Uranium	8.03E+00	mg/kg	Grid Value	1.61E+01	UCL 95 or maximum value
99	1	SOU99-050A	Cobalt-60	5.69E-03	pCi/g	Avg	1.19E-02	UCL 95 or maximum value
99	1	SOU99-050A	Uranium-238	8.78E-01	pCi/g	Avg	9.45E-01	UCL 95 or maximum value
99	1	050C	Aluminum	1.09E+04	mg/kg	Avg	1.16E+04	value
99	1	050C	Arsenic	9.22E+00	mg/kg	Avg	9.94E+00	value
99	1	050C	Barium	1.23E+02	mg/kg	Avg	1.35E+02	value
99	1	050C	Beryllium	6.68E-01	mg/kg	Avg	7.22E-01	value
99	1	050C	Chromium	5.49E+01	mg/kg	Avg	6.29E+01	value
99	1	050C	Manganese	5.43E+02	mg/kg	Avg	6.28E+02	value
99	1	050C	Mercury	5.51E+00	mg/kg	Avg	9.53E+00	value
99	1	050C	Nickel	5.97E+01	mg/kg	Avg	8.52E+01	value
99	1	050C	Silver	6.73E+00	mg/kg	Avg	1.03E+01	value
99	1	050C	Uranium	1.11E+01	mg/kg	Avg	1.61E+01	value
99	1	050C	Cobalt-60	5.69E-03	pCi/g	Avg	1.19E-02	value
99	1	050C	Uranium-238	8.78E-01	pCi/g	Avg	9.45E-01	value
99	1	050D	Aluminum	1.09E+04	mg/kg	Avg	1.16E+04	value
99	1	050D	Arsenic	8.60E+00	mg/kg	Grid Value	9.94E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
99	1	050D	Barium	1.23E+02	mg/kg	Avg	1.35E+02	value
99	1	050D	Beryllium	6.68E-01	mg/kg	Avg	7.22E-01	value
99	1	050D	Chromium	5.60E+01	mg/kg	Grid Value	6.29E+01	value
99	1	050D	Manganese	6.01E+02	mg/kg	Grid Value	6.28E+02	value
99	1	050D	Mercury	1.00E+01	mg/kg	Grid Value	9.53E+00	value
99	1	050D	Nickel	7.07E+01	mg/kg	Grid Value	8.52E+01	value
99	1	050D	Silver	1.00E+01	mg/kg	Grid Value	1.03E+01	value
99	1	050D	Uranium	2.00E+01	mg/kg	Grid Value	1.61E+01	value
99	1	050D	Cobalt-60	5.69E-03	pCi/g	Avg	1.19E-02	value
99	1	050D	Uranium-238	8.78E-01	pCi/g	Avg	9.45E-01	value
99	1	SOU99-051	Aluminum	9.56E+03	mg/kg	Grid Value	1.16E+04	value
99	1	SOU99-051	Arsenic	8.29E+00	mg/kg	Grid Value	9.94E+00	value
99	1	SOU99-051	Barium	1.46E+02	mg/kg	Grid Value	1.35E+02	value
99	1	SOU99-051	Beryllium	5.00E-01	mg/kg	Grid Value	7.22E-01	value
99	1	SOU99-051	Chromium	6.31E+01	mg/kg	Grid Value	6.29E+01	value
99	1	SOU99-051	Manganese	5.09E+02	mg/kg	Grid Value	6.28E+02	value
99	1	SOU99-051	Mercury	4.04E-02	mg/kg	Grid Value	9.53E+00	value
99	1	SOU99-051	Nickel	1.69E+01	mg/kg	Grid Value	8.52E+01	value
99	1	SOU99-051	Silver	9.78E+00	mg/kg	Grid Value	1.03E+01	value
99	1	SOU99-051	Uranium	1.40E+00	mg/kg	Grid Value	1.61E+01	value
99	1	SOU99-051	Cobalt-60	2.12E-02	pCi/g	Grid Value	1.19E-02	value
99	1	SOU99-051	Uranium-238	4.55E-01	pCi/g	Grid Value	9.45E-01	value
99	1	SOU99-051A	Aluminum	8.67E+03	mg/kg	Grid Value	1.16E+04	UCL 95 or maximum value
99	1	SOU99-051A	Arsenic	6.83E+00	mg/kg	Grid Value	9.94E+00	UCL 95 or maximum value
99	1	SOU99-051A	Barium	7.67E+01	mg/kg	Grid Value	1.35E+02	UCL 95 or maximum value
99	1	SOU99-051A	Beryllium	4.86E-01	mg/kg	Grid Value	7.22E-01	UCL 95 or maximum value
99	1	SOU99-051A	Chromium	5.34E+01	mg/kg	Grid Value	6.29E+01	UCL 95 or maximum value
99	1	SOU99-051A	Manganese	4.30E+02	mg/kg	Grid Value	6.28E+02	UCL 95 or maximum value
99	1	SOU99-051A	Mercury	9.30E-02	mg/kg	Grid Value	9.53E+00	UCL 95 or maximum value
99	1	SOU99-051A	Nickel	9.05E+01	mg/kg	Grid Value	8.52E+01	UCL 95 or maximum value
99	1	SOU99-051A	Silver	1.03E+01	mg/kg	Grid Value	1.03E+01	UCL 95 or maximum value
99	1	SOU99-051A	Uranium	4.53E+00	mg/kg	Grid Value	1.61E+01	UCL 95 or maximum value
99	1	SOU99-051A	Cobalt-60	-9.83E-03	pCi/g	Grid Value	1.19E-02	UCL 95 or maximum value
99	1	SOU99-051A	Uranium-238	1.30E+00	pCi/g	Grid Value	9.45E-01	UCL 95 or maximum value
99	1	051B	Aluminum	1.35E+04	mg/kg	Grid Value	1.16E+04	value
99	1	051B	Arsenic	8.53E+00	mg/kg	Grid Value	9.94E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
99	1	051B	Barium	7.75E+01	mg/kg	Grid Value	1.35E+02	value
99	1	051B	Beryllium	5.70E-01	mg/kg	Grid Value	7.22E-01	value
99	1	051B	Chromium	6.73E+01	mg/kg	Grid Value	6.29E+01	value
99	1	051B	Manganese	4.03E+02	mg/kg	Grid Value	6.28E+02	value
99	1	051B	Mercury	9.53E+00	mg/kg	Grid Value	9.53E+00	value
99	1	051B	Nickel	8.01E+01	mg/kg	Grid Value	8.52E+01	value
99	1	051B	Silver	8.20E-02	mg/kg	Grid Value	1.03E+01	value
99	1	051B	Uranium	2.90E+00	mg/kg	Grid Value	1.61E+01	value
99	1	051B	Cobalt-60	5.69E-03	pCi/g	Avg	1.19E-02	value
99	1	051B	Uranium-238	8.78E-01	pCi/g	Avg	9.45E-01	value
99	1	051C	Aluminum	1.09E+04	mg/kg	Avg	1.16E+04	value
99	1	051C	Arsenic	6.51E+00	mg/kg	Grid Value	9.94E+00	value
99	1	051C	Barium	1.23E+02	mg/kg	Avg	1.35E+02	value
99	1	051C	Beryllium	6.68E-01	mg/kg	Avg	7.22E-01	value
99	1	051C	Chromium	5.25E+01	mg/kg	Grid Value	6.29E+01	value
99	1	051C	Manganese	4.22E+02	mg/kg	Grid Value	6.28E+02	value
99	1	051C	Mercury	1.00E+01	mg/kg	Grid Value	9.53E+00	value
99	1	051C	Nickel	6.50E+01	mg/kg	Grid Value	8.52E+01	value
99	1	051C	Silver	1.00E+01	mg/kg	Grid Value	1.03E+01	value
99	1	051C	Uranium	2.00E+01	mg/kg	Grid Value	1.61E+01	value
99	1	051C	Cobalt-60	5.69E-03	pCi/g	Avg	1.19E-02	value
99	1	051C	Uranium-238	8.78E-01	pCi/g	Avg	9.45E-01	value
99	1	051E	Aluminum	1.09E+04	mg/kg	Avg	1.16E+04	value
99	1	051E	Arsenic	9.22E+00	mg/kg	Avg	9.94E+00	value
99	1	051E	Barium	1.23E+02	mg/kg	Avg	1.35E+02	value
99	1	051E	Beryllium	6.68E-01	mg/kg	Avg	7.22E-01	value
99	1	051E	Chromium	5.49E+01	mg/kg	Avg	6.29E+01	value
99	1	051E	Manganese	5.43E+02	mg/kg	Avg	6.28E+02	value
99	1	051E	Mercury	5.51E+00	mg/kg	Avg	9.53E+00	value
99	1	051E	Nickel	5.97E+01	mg/kg	Avg	8.52E+01	value
99	1	051E	Silver	6.73E+00	mg/kg	Avg	1.03E+01	value
99	1	051E	Uranium	1.11E+01	mg/kg	Avg	1.61E+01	value
99	1	051E	Cobalt-60	5.69E-03	pCi/g	Avg	1.19E-02	value
99	1	051E	Uranium-238	8.78E-01	pCi/g	Avg	9.45E-01	value
99	1	051F	Aluminum	8.59E+03	mg/kg	Grid Value	1.16E+04	value
99	1	051F	Arsenic	9.20E+00	mg/kg	Grid Value	9.94E+00	value
99	1	051F	Barium	1.40E+02	mg/kg	Grid Value	1.35E+02	value
99	1	051F	Beryllium	5.90E-01	mg/kg	Grid Value	7.22E-01	value
99	1	051F	Chromium	3.85E+01	mg/kg	Grid Value	6.29E+01	value
99	1	051F	Manganese	1.23E+03	mg/kg	Grid Value	6.28E+02	value
99	1	051F	Mercury	1.35E-02	mg/kg	Grid Value	9.53E+00	value
99	1	051F	Nickel	7.02E+01	mg/kg	Grid Value	8.52E+01	value
99	1	051F	Silver	3.00E-02	mg/kg	Grid Value	1.03E+01	value
99	1	051F	Uranium	4.40E+00	mg/kg	Grid Value	1.61E+01	value
99	1	051F	Cobalt-60	5.69E-03	pCi/g	Avg	1.19E-02	value
99	1	051F	Uranium-238	8.78E-01	pCi/g	Avg	9.45E-01	value
99	1	051G	Aluminum	9.20E+03	mg/kg	Grid Value	1.16E+04	value
99	1	051G	Arsenic	1.20E+01	mg/kg	Grid Value	9.94E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
99	1	051G	Barium	1.92E+02	mg/kg	Grid Value	1.35E+02	value
99	1	051G	Beryllium	8.70E-01	mg/kg	Grid Value	7.22E-01	value
99	1	051G	Chromium	5.10E+01	mg/kg	Grid Value	6.29E+01	value
99	1	051G	Manganese	5.47E+02	mg/kg	Grid Value	6.28E+02	value
99	1	051G	Mercury	3.97E-02	mg/kg	Grid Value	9.53E+00	value
99	1	051G	Nickel	1.96E+01	mg/kg	Grid Value	8.52E+01	value
99	1	051G	Silver	4.20E-02	mg/kg	Grid Value	1.03E+01	value
99	1	051G	Uranium	9.70E-01	mg/kg	Grid Value	1.61E+01	value
99	1	051G	Cobalt-60	5.69E-03	pCi/g	Avg	1.19E-02	value
99	1	051G	Uranium-238	8.78E-01	pCi/g	Avg	9.45E-01	value
99	2	099-PL-01	Chromium	8.50E+01	mg/kg	Grid Value	4.57E+01	maximum value
99	2	099-PL-04	Chromium	8.50E+01	mg/kg	Grid Value	4.57E+01	maximum value
99	2	099-PL-05	Chromium	8.50E+01	mg/kg	Grid Value	4.57E+01	maximum value
99	2	099-PL-08	Chromium	4.57E+01	mg/kg	Grid Value	4.57E+01	maximum value
194	1	SOU194-001	Antimony	7.83E-01	mg/kg	Avg	8.62E-01	value
194	1	SOU194-001	Arsenic	1.10E+01	mg/kg	Grid Value	1.02E+01	value
194	1	SOU194-001	Beryllium	5.80E-01	mg/kg	Avg	5.96E-01	value
194	1	SOU194-001	Chromium	8.50E+01	mg/kg	Grid Value	5.11E+01	value
194	1	SOU194-001	Manganese	3.82E+02	mg/kg	Grid Value	5.82E+02	value
194	1	SOU194-001	Mercury	1.00E+01	mg/kg	Grid Value	6.71E+00	value
194	1	SOU194-001	Nickel	5.84E+01	mg/kg	Grid Value	6.12E+01	value
194	1	SOU194-001	Silver	1.00E+01	mg/kg	Grid Value	1.09E+01	value
194	1	SOU194-001	Thallium	3.53E-01	mg/kg	Avg	3.84E-01	value
194	1	SOU194-001	Vanadium	3.62E+01	mg/kg	Avg	3.74E+01	value
194	1	SOU194-002	Antimony	7.83E-01	mg/kg	Avg	8.62E-01	value
194	1	SOU194-002	Arsenic	1.10E+01	mg/kg	Grid Value	1.02E+01	value
194	1	SOU194-002	Beryllium	5.80E-01	mg/kg	Avg	5.96E-01	value
194	1	SOU194-002	Chromium	3.67E+01	mg/kg	Grid Value	5.11E+01	value
194	1	SOU194-002	Manganese	2.04E+02	mg/kg	Grid Value	5.82E+02	value
194	1	SOU194-002	Mercury	1.00E+01	mg/kg	Grid Value	6.71E+00	value
194	1	SOU194-002	Nickel	6.50E+01	mg/kg	Grid Value	6.12E+01	value
194	1	SOU194-002	Silver	1.00E+01	mg/kg	Grid Value	1.09E+01	value
194	1	SOU194-002	Thallium	3.53E-01	mg/kg	Avg	3.84E-01	value
194	1	SOU194-002	Vanadium	3.62E+01	mg/kg	Avg	3.74E+01	value
194	1	SOU194-003	Antimony	7.83E-01	mg/kg	Avg	8.62E-01	value
194	1	SOU194-003	Arsenic	5.69E+00	mg/kg	Grid Value	1.02E+01	value
194	1	SOU194-003	Beryllium	5.80E-01	mg/kg	Avg	5.96E-01	value
194	1	SOU194-003	Chromium	3.44E+01	mg/kg	Grid Value	5.11E+01	value
194	1	SOU194-003	Manganese	1.34E+02	mg/kg	Grid Value	5.82E+02	value
194	1	SOU194-003	Mercury	1.00E+01	mg/kg	Grid Value	6.71E+00	value
194	1	SOU194-003	Nickel	6.50E+01	mg/kg	Grid Value	6.12E+01	value
194	1	SOU194-003	Silver	1.00E+01	mg/kg	Grid Value	1.09E+01	value
194	1	SOU194-003	Thallium	3.53E-01	mg/kg	Avg	3.84E-01	value
194	1	SOU194-003	Vanadium	3.62E+01	mg/kg	Avg	3.74E+01	value
194	1	SOU194-003A	Antimony	7.83E-01	mg/kg	Avg	8.62E-01	UCL 95 or maximum value
194	1	SOU194-003A	Arsenic	8.35E+00	mg/kg	Grid Value	1.02E+01	UCL 95 or maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	1	SOU194-003A	Beryllium	5.80E-01	mg/kg	Avg	5.96E-01	UCL 95 or maximum value
194	1	SOU194-003A	Chromium	8.50E+01	mg/kg	Grid Value	5.11E+01	UCL 95 or maximum value
194	1	SOU194-003A	Manganese	2.43E+02	mg/kg	Grid Value	5.82E+02	UCL 95 or maximum value
194	1	SOU194-003A	Mercury	1.00E+01	mg/kg	Grid Value	6.71E+00	UCL 95 or maximum value
194	1	SOU194-003A	Nickel	6.50E+01	mg/kg	Grid Value	6.12E+01	UCL 95 or maximum value
194	1	SOU194-003A	Silver	1.00E+01	mg/kg	Grid Value	1.09E+01	UCL 95 or maximum value
194	1	SOU194-003A	Thallium	3.53E-01	mg/kg	Avg	3.84E-01	UCL 95 or maximum value
194	1	SOU194-003A	Vanadium	3.62E+01	mg/kg	Avg	3.74E+01	UCL 95 or maximum value
194	1	003B	Antimony	7.83E-01	mg/kg	Avg	8.62E-01	value
194	1	003B	Arsenic	6.52E+00	mg/kg	Grid Value	1.02E+01	value
194	1	003B	Beryllium	5.80E-01	mg/kg	Avg	5.96E-01	value
194	1	003B	Chromium	8.50E+01	mg/kg	Grid Value	5.11E+01	value
194	1	003B	Manganese	2.59E+02	mg/kg	Grid Value	5.82E+02	value
194	1	003B	Mercury	1.00E+01	mg/kg	Grid Value	6.71E+00	value
194	1	003B	Nickel	6.50E+01	mg/kg	Grid Value	6.12E+01	value
194	1	003B	Silver	1.00E+01	mg/kg	Grid Value	1.09E+01	value
194	1	003B	Thallium	3.53E-01	mg/kg	Avg	3.84E-01	value
194	1	003B	Vanadium	3.62E+01	mg/kg	Avg	3.74E+01	value
194	1	003C	Antimony	7.83E-01	mg/kg	Avg	8.62E-01	value
194	1	003C	Arsenic	1.10E+01	mg/kg	Grid Value	1.02E+01	value
194	1	003C	Beryllium	5.80E-01	mg/kg	Avg	5.96E-01	value
194	1	003C	Chromium	3.27E+01	mg/kg	Grid Value	5.11E+01	value
194	1	003C	Manganese	3.07E+02	mg/kg	Grid Value	5.82E+02	value
194	1	003C	Mercury	1.00E+01	mg/kg	Grid Value	6.71E+00	value
194	1	003C	Nickel	6.50E+01	mg/kg	Grid Value	6.12E+01	value
194	1	003C	Silver	1.00E+01	mg/kg	Grid Value	1.09E+01	value
194	1	003C	Thallium	3.53E-01	mg/kg	Avg	3.84E-01	value
194	1	003C	Vanadium	3.62E+01	mg/kg	Avg	3.74E+01	value
194	1	SOU194-004	Antimony	7.83E-01	mg/kg	Avg	8.62E-01	value
194	1	SOU194-004	Arsenic	5.65E+00	mg/kg	Grid Value	1.02E+01	value
194	1	SOU194-004	Beryllium	5.80E-01	mg/kg	Avg	5.96E-01	value
194	1	SOU194-004	Chromium	5.11E+01	mg/kg	Grid Value	5.11E+01	value
194	1	SOU194-004	Manganese	2.75E+02	mg/kg	Grid Value	5.82E+02	value
194	1	SOU194-004	Mercury	1.00E+01	mg/kg	Grid Value	6.71E+00	value
194	1	SOU194-004	Nickel	6.50E+01	mg/kg	Grid Value	6.12E+01	value
194	1	SOU194-004	Silver	1.00E+01	mg/kg	Grid Value	1.09E+01	value
194	1	SOU194-004	Thallium	3.53E-01	mg/kg	Avg	3.84E-01	value
194	1	SOU194-004	Vanadium	3.62E+01	mg/kg	Avg	3.74E+01	value
194	1	SOU194-027	Antimony	1.50E+00	mg/kg	Grid Value	8.62E-01	value
194	1	SOU194-027	Arsenic	8.00E+00	mg/kg	Grid Value	1.02E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	1	SOU194-027	Beryllium	5.00E-01	mg/kg	Grid Value	5.96E-01	value
194	1	SOU194-027	Chromium	3.34E+01	mg/kg	Grid Value	5.11E+01	value
194	1	SOU194-027	Manganese	1.03E+03	mg/kg	Grid Value	5.82E+02	value
194	1	SOU194-027	Mercury	2.47E-02	mg/kg	Grid Value	6.71E+00	value
194	1	SOU194-027	Nickel	7.50E+00	mg/kg	Grid Value	6.12E+01	value
194	1	SOU194-027	Silver	3.70E-02	mg/kg	Grid Value	1.09E+01	value
194	1	SOU194-027	Thallium	2.60E-01	mg/kg	Grid Value	3.84E-01	value
194	1	SOU194-027	Vanadium	2.93E+01	mg/kg	Grid Value	3.74E+01	value
194	1	SOU194-028	Antimony	7.83E-01	mg/kg	Avg	8.62E-01	value
194	1	SOU194-028	Arsenic	1.10E+01	mg/kg	Grid Value	1.02E+01	value
194	1	SOU194-028	Beryllium	5.80E-01	mg/kg	Avg	5.96E-01	value
194	1	SOU194-028	Chromium	8.50E+01	mg/kg	Grid Value	5.11E+01	value
194	1	SOU194-028	Manganese	2.71E+02	mg/kg	Grid Value	5.82E+02	value
194	1	SOU194-028	Mercury	1.00E+01	mg/kg	Grid Value	6.71E+00	value
194	1	SOU194-028	Nickel	6.50E+01	mg/kg	Grid Value	6.12E+01	value
194	1	SOU194-028	Silver	1.00E+01	mg/kg	Grid Value	1.09E+01	value
194	1	SOU194-028	Thallium	3.53E-01	mg/kg	Avg	3.84E-01	value
194	1	SOU194-028	Vanadium	3.62E+01	mg/kg	Avg	3.74E+01	value
194	1	SOU194-029	Antimony	7.83E-01	mg/kg	Avg	8.62E-01	value
194	1	SOU194-029	Arsenic	7.13E+00	mg/kg	Grid Value	1.02E+01	value
194	1	SOU194-029	Beryllium	5.80E-01	mg/kg	Avg	5.96E-01	value
194	1	SOU194-029	Chromium	3.65E+01	mg/kg	Grid Value	5.11E+01	value
194	1	SOU194-029	Manganese	3.73E+02	mg/kg	Grid Value	5.82E+02	value
194	1	SOU194-029	Mercury	6.71E+00	mg/kg	Grid Value	6.71E+00	value
194	1	SOU194-029	Nickel	6.50E+01	mg/kg	Grid Value	6.12E+01	value
194	1	SOU194-029	Silver	1.00E+01	mg/kg	Grid Value	1.09E+01	value
194	1	SOU194-029	Thallium	3.53E-01	mg/kg	Avg	3.84E-01	value
194	1	SOU194-029	Vanadium	3.62E+01	mg/kg	Avg	3.74E+01	value
194	1	SOU194-030	Antimony	4.90E-01	mg/kg	Grid Value	8.62E-01	value
194	1	SOU194-030	Arsenic	1.14E+01	mg/kg	Grid Value	1.02E+01	value
194	1	SOU194-030	Beryllium	6.40E-01	mg/kg	Grid Value	5.96E-01	value
194	1	SOU194-030	Chromium	1.52E+01	mg/kg	Grid Value	5.11E+01	value
194	1	SOU194-030	Manganese	7.88E+02	mg/kg	Grid Value	5.82E+02	value
194	1	SOU194-030	Mercury	1.00E-02	mg/kg	Grid Value	6.71E+00	value
194	1	SOU194-030	Nickel	8.20E+00	mg/kg	Grid Value	6.12E+01	value
194	1	SOU194-030	Silver	2.50E-02	mg/kg	Grid Value	1.09E+01	value
194	1	SOU194-030	Thallium	6.40E-01	mg/kg	Grid Value	3.84E-01	value
194	1	SOU194-030	Vanadium	3.67E+01	mg/kg	Grid Value	3.74E+01	value
194	1	SOU194-051	Antimony	7.83E-01	mg/kg	Avg	8.62E-01	value
194	1	SOU194-051	Arsenic	5.80E+00	mg/kg	Grid Value	1.02E+01	value
194	1	SOU194-051	Beryllium	5.80E-01	mg/kg	Avg	5.96E-01	value
194	1	SOU194-051	Chromium	3.87E+01	mg/kg	Grid Value	5.11E+01	value
194	1	SOU194-051	Manganese	4.67E+02	mg/kg	Grid Value	5.82E+02	value
194	1	SOU194-051	Mercury	1.00E+01	mg/kg	Grid Value	6.71E+00	value
194	1	SOU194-051	Nickel	6.50E+01	mg/kg	Grid Value	6.12E+01	value
194	1	SOU194-051	Silver	1.00E+01	mg/kg	Grid Value	1.09E+01	value
194	1	SOU194-051	Thallium	3.53E-01	mg/kg	Avg	3.84E-01	value
194	1	SOU194-051	Vanadium	3.62E+01	mg/kg	Avg	3.74E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	1	SOU194-052	Antimony	7.83E-01	mg/kg	Avg	8.62E-01	value
194	1	SOU194-052	Arsenic	7.90E+00	mg/kg	Grid Value	1.02E+01	value
194	1	SOU194-052	Beryllium	5.80E-01	mg/kg	Avg	5.96E-01	value
194	1	SOU194-052	Chromium	8.50E+01	mg/kg	Grid Value	5.11E+01	value
194	1	SOU194-052	Manganese	6.95E+02	mg/kg	Grid Value	5.82E+02	value
194	1	SOU194-052	Mercury	1.00E+01	mg/kg	Grid Value	6.71E+00	value
194	1	SOU194-052	Nickel	6.12E+01	mg/kg	Grid Value	6.12E+01	value
194	1	SOU194-052	Silver	1.00E+01	mg/kg	Grid Value	1.09E+01	value
194	1	SOU194-052	Thallium	3.53E-01	mg/kg	Avg	3.84E-01	value
194	1	SOU194-052	Vanadium	3.62E+01	mg/kg	Avg	3.74E+01	value
194	1	SOU194-053	Antimony	7.83E-01	mg/kg	Avg	8.62E-01	value
194	1	SOU194-053	Arsenic	1.10E+01	mg/kg	Grid Value	1.02E+01	value
194	1	SOU194-053	Beryllium	5.80E-01	mg/kg	Avg	5.96E-01	value
194	1	SOU194-053	Chromium	8.50E+01	mg/kg	Grid Value	5.11E+01	value
194	1	SOU194-053	Manganese	4.35E+02	mg/kg	Grid Value	5.82E+02	value
194	1	SOU194-053	Mercury	1.00E+01	mg/kg	Grid Value	6.71E+00	value
194	1	SOU194-053	Nickel	6.50E+01	mg/kg	Grid Value	6.12E+01	value
194	1	SOU194-053	Silver	1.00E+01	mg/kg	Grid Value	1.09E+01	value
194	1	SOU194-053	Thallium	3.53E-01	mg/kg	Avg	3.84E-01	value
194	1	SOU194-053	Vanadium	3.62E+01	mg/kg	Avg	3.74E+01	value
194	1	SOU194-054	Antimony	7.00E-01	mg/kg	Grid Value	8.62E-01	value
194	1	SOU194-054	Arsenic	1.44E+01	mg/kg	Grid Value	1.02E+01	value
194	1	SOU194-054	Beryllium	6.90E-01	mg/kg	Grid Value	5.96E-01	value
194	1	SOU194-054	Chromium	1.75E+01	mg/kg	Grid Value	5.11E+01	value
194	1	SOU194-054	Manganese	7.27E+02	mg/kg	Grid Value	5.82E+02	value
194	1	SOU194-054	Mercury	3.23E-02	mg/kg	Grid Value	6.71E+00	value
194	1	SOU194-054	Nickel	7.30E+00	mg/kg	Grid Value	6.12E+01	value
194	1	SOU194-054	Silver	2.00E-02	mg/kg	Grid Value	1.09E+01	value
194	1	SOU194-054	Thallium	2.50E-01	mg/kg	Grid Value	3.84E-01	value
194	1	SOU194-054	Vanadium	4.65E+01	mg/kg	Grid Value	3.74E+01	value
194	1	SOU194-075	Antimony	7.83E-01	mg/kg	Avg	8.62E-01	value
194	1	SOU194-075	Arsenic	1.10E+01	mg/kg	Grid Value	1.02E+01	value
194	1	SOU194-075	Beryllium	5.80E-01	mg/kg	Avg	5.96E-01	value
194	1	SOU194-075	Chromium	8.50E+01	mg/kg	Grid Value	5.11E+01	value
194	1	SOU194-075	Manganese	1.98E+02	mg/kg	Grid Value	5.82E+02	value
194	1	SOU194-075	Mercury	1.00E+01	mg/kg	Grid Value	6.71E+00	value
194	1	SOU194-075	Nickel	6.50E+01	mg/kg	Grid Value	6.12E+01	value
194	1	SOU194-075	Silver	1.00E+01	mg/kg	Grid Value	1.09E+01	value
194	1	SOU194-075	Thallium	3.53E-01	mg/kg	Avg	3.84E-01	value
194	1	SOU194-075	Vanadium	3.62E+01	mg/kg	Avg	3.74E+01	value
194	1	SOU194-076	Antimony	7.83E-01	mg/kg	Avg	8.62E-01	value
194	1	SOU194-076	Arsenic	1.10E+01	mg/kg	Grid Value	1.02E+01	value
194	1	SOU194-076	Beryllium	5.80E-01	mg/kg	Avg	5.96E-01	value
194	1	SOU194-076	Chromium	3.82E+01	mg/kg	Grid Value	5.11E+01	value
194	1	SOU194-076	Manganese	5.38E+02	mg/kg	Grid Value	5.82E+02	value
194	1	SOU194-076	Mercury	1.00E+01	mg/kg	Grid Value	6.71E+00	value
194	1	SOU194-076	Nickel	6.50E+01	mg/kg	Grid Value	6.12E+01	value
194	1	SOU194-076	Silver	1.00E+01	mg/kg	Grid Value	1.09E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	1	SOU194-076	Thallium	3.53E-01	mg/kg	Avg	3.84E-01	value
194	1	SOU194-076	Vanadium	3.62E+01	mg/kg	Avg	3.74E+01	value
194	1	SOU194-077	Antimony	7.83E-01	mg/kg	Avg	8.62E-01	value
194	1	SOU194-077	Arsenic	8.36E+00	mg/kg	Grid Value	1.02E+01	value
194	1	SOU194-077	Beryllium	5.80E-01	mg/kg	Avg	5.96E-01	value
194	1	SOU194-077	Chromium	4.87E+01	mg/kg	Grid Value	5.11E+01	value
194	1	SOU194-077	Manganese	3.52E+02	mg/kg	Grid Value	5.82E+02	value
194	1	SOU194-077	Mercury	1.00E+01	mg/kg	Grid Value	6.71E+00	value
194	1	SOU194-077	Nickel	6.50E+01	mg/kg	Grid Value	6.12E+01	value
194	1	SOU194-077	Silver	9.99E+00	mg/kg	Grid Value	1.09E+01	value
194	1	SOU194-077	Thallium	3.53E-01	mg/kg	Avg	3.84E-01	value
194	1	SOU194-077	Vanadium	3.62E+01	mg/kg	Avg	3.74E+01	value
194	1	SOU194-078	Antimony	4.40E-01	mg/kg	Grid Value	8.62E-01	value
194	1	SOU194-078	Arsenic	8.90E+00	mg/kg	Grid Value	1.02E+01	value
194	1	SOU194-078	Beryllium	4.90E-01	mg/kg	Grid Value	5.96E-01	value
194	1	SOU194-078	Chromium	1.64E+01	mg/kg	Grid Value	5.11E+01	value
194	1	SOU194-078	Manganese	1.02E+03	mg/kg	Grid Value	5.82E+02	value
194	1	SOU194-078	Mercury	1.20E-01	mg/kg	Grid Value	6.71E+00	value
194	1	SOU194-078	Nickel	8.40E+00	mg/kg	Grid Value	6.12E+01	value
194	1	SOU194-078	Silver	1.09E+01	mg/kg	Grid Value	1.09E+01	value
194	1	SOU194-078	Thallium	2.60E-01	mg/kg	Grid Value	3.84E-01	value
194	1	SOU194-078	Vanadium	3.24E+01	mg/kg	Grid Value	3.74E+01	value
194	2	SOU194-005	Antimony	5.93E-01	mg/kg	Avg	6.59E-01	value
194	2	SOU194-005	Arsenic	8.07E+00	mg/kg	Grid Value	1.02E+01	value
194	2	SOU194-005	Beryllium	6.57E-01	mg/kg	Avg	6.96E-01	value
194	2	SOU194-005	Chromium	8.50E+01	mg/kg	Grid Value	5.96E+01	value
194	2	SOU194-005	Manganese	7.22E+02	mg/kg	Grid Value	7.01E+02	value
194	2	SOU194-005	Mercury	1.00E+01	mg/kg	Grid Value	6.90E+00	value
194	2	SOU194-005	Silver	1.00E+01	mg/kg	Grid Value	1.39E+01	value
194	2	SOU194-005	Uranium	2.00E+01	mg/kg	Grid Value	2.68E+01	value
194	2	SOU194-005	Vanadium	3.38E+01	mg/kg	Avg	3.55E+01	value
194	2	SOU194-005	Uranium-238	1.18E+00	pCi/g	Avg	1.24E+00	value
194	2	SOU194-006	Antimony	4.10E-01	mg/kg	Grid Value	6.59E-01	value
194	2	SOU194-006	Arsenic	9.20E+00	mg/kg	Grid Value	1.02E+01	value
194	2	SOU194-006	Beryllium	5.40E-01	mg/kg	Grid Value	6.96E-01	value
194	2	SOU194-006	Chromium	3.76E+01	mg/kg	Grid Value	5.96E+01	value
194	2	SOU194-006	Manganese	6.68E+02	mg/kg	Grid Value	7.01E+02	value
194	2	SOU194-006	Mercury	1.31E-02	mg/kg	Grid Value	6.90E+00	value
194	2	SOU194-006	Silver	3.00E-02	mg/kg	Grid Value	1.39E+01	value
194	2	SOU194-006	Uranium	3.65E+00	mg/kg	Grid Value	2.68E+01	value
194	2	SOU194-006	Vanadium	3.32E+01	mg/kg	Grid Value	3.55E+01	value
194	2	SOU194-006	Uranium-238	1.22E+00	pCi/g	Grid Value	1.24E+00	value
194	2	SOU194-007	Antimony	5.93E-01	mg/kg	Avg	6.59E-01	value
194	2	SOU194-007	Arsenic	8.93E+00	mg/kg	Avg	1.02E+01	value
194	2	SOU194-007	Beryllium	6.57E-01	mg/kg	Avg	6.96E-01	value
194	2	SOU194-007	Chromium	6.27E+01	mg/kg	Avg	5.96E+01	value
194	2	SOU194-007	Manganese	6.14E+02	mg/kg	Avg	7.01E+02	value
194	2	SOU194-007	Mercury	7.00E+00	mg/kg	Avg	6.90E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	2	SOU194-007	Silver	9.75E+00	mg/kg	Avg	1.39E+01	value
194	2	SOU194-007	Uranium	1.67E+01	mg/kg	Avg	2.68E+01	value
194	2	SOU194-007	Vanadium	3.38E+01	mg/kg	Avg	3.55E+01	value
194	2	SOU194-007	Uranium-238	1.18E+00	pCi/g	Avg	1.24E+00	value
194	2	SOU194-008	Antimony	5.93E-01	mg/kg	Avg	6.59E-01	value
194	2	SOU194-008	Arsenic	8.93E+00	mg/kg	Avg	1.02E+01	value
194	2	SOU194-008	Beryllium	6.57E-01	mg/kg	Avg	6.96E-01	value
194	2	SOU194-008	Chromium	6.27E+01	mg/kg	Avg	5.96E+01	value
194	2	SOU194-008	Manganese	6.14E+02	mg/kg	Avg	7.01E+02	value
194	2	SOU194-008	Mercury	7.00E+00	mg/kg	Avg	6.90E+00	value
194	2	SOU194-008	Silver	9.75E+00	mg/kg	Avg	1.39E+01	value
194	2	SOU194-008	Uranium	1.67E+01	mg/kg	Avg	2.68E+01	value
194	2	SOU194-008	Vanadium	3.38E+01	mg/kg	Avg	3.55E+01	value
194	2	SOU194-008	Uranium-238	1.18E+00	pCi/g	Avg	1.24E+00	value
194	2	SOU194-031	Antimony	5.93E-01	mg/kg	Avg	6.59E-01	value
194	2	SOU194-031	Arsenic	1.10E+01	mg/kg	Grid Value	1.02E+01	value
194	2	SOU194-031	Beryllium	6.57E-01	mg/kg	Avg	6.96E-01	value
194	2	SOU194-031	Chromium	4.91E+01	mg/kg	Grid Value	5.96E+01	value
194	2	SOU194-031	Manganese	4.53E+02	mg/kg	Grid Value	7.01E+02	value
194	2	SOU194-031	Mercury	1.00E+01	mg/kg	Grid Value	6.90E+00	value
194	2	SOU194-031	Silver	1.00E+01	mg/kg	Grid Value	1.39E+01	value
194	2	SOU194-031	Uranium	3.36E+01	mg/kg	Grid Value	2.68E+01	value
194	2	SOU194-031	Vanadium	3.38E+01	mg/kg	Avg	3.55E+01	value
194	2	SOU194-031	Uranium-238	1.18E+00	pCi/g	Avg	1.24E+00	value
194	2	SOU194-032	Antimony	5.93E-01	mg/kg	Avg	6.59E-01	value
194	2	SOU194-032	Arsenic	1.10E+01	mg/kg	Grid Value	1.02E+01	value
194	2	SOU194-032	Beryllium	6.57E-01	mg/kg	Avg	6.96E-01	value
194	2	SOU194-032	Chromium	3.12E+01	mg/kg	Grid Value	5.96E+01	value
194	2	SOU194-032	Manganese	8.22E+02	mg/kg	Grid Value	7.01E+02	value
194	2	SOU194-032	Mercury	1.00E+01	mg/kg	Grid Value	6.90E+00	value
194	2	SOU194-032	Silver	1.00E+01	mg/kg	Grid Value	1.39E+01	value
194	2	SOU194-032	Uranium	2.00E+01	mg/kg	Grid Value	2.68E+01	value
194	2	SOU194-032	Vanadium	3.38E+01	mg/kg	Avg	3.55E+01	value
194	2	SOU194-032	Uranium-238	1.18E+00	pCi/g	Avg	1.24E+00	value
194	2	SOU194-033	Antimony	5.93E-01	mg/kg	Avg	6.59E-01	value
194	2	SOU194-033	Arsenic	7.71E+00	mg/kg	Grid Value	1.02E+01	value
194	2	SOU194-033	Beryllium	6.57E-01	mg/kg	Avg	6.96E-01	value
194	2	SOU194-033	Chromium	8.50E+01	mg/kg	Grid Value	5.96E+01	value
194	2	SOU194-033	Manganese	7.94E+02	mg/kg	Grid Value	7.01E+02	value
194	2	SOU194-033	Mercury	1.00E+01	mg/kg	Grid Value	6.90E+00	value
194	2	SOU194-033	Silver	1.16E+01	mg/kg	Grid Value	1.39E+01	value
194	2	SOU194-033	Uranium	1.81E+01	mg/kg	Grid Value	2.68E+01	value
194	2	SOU194-033	Vanadium	3.38E+01	mg/kg	Avg	3.55E+01	value
194	2	SOU194-033	Uranium-238	1.18E+00	pCi/g	Avg	1.24E+00	value
194	2	SOU194-055	Antimony	5.93E-01	mg/kg	Avg	6.59E-01	value
194	2	SOU194-055	Arsenic	1.10E+01	mg/kg	Grid Value	1.02E+01	value
194	2	SOU194-055	Beryllium	6.57E-01	mg/kg	Avg	6.96E-01	value
194	2	SOU194-055	Chromium	8.50E+01	mg/kg	Grid Value	5.96E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	2	SOU194-055	Manganese	7.44E+02	mg/kg	Grid Value	7.01E+02	value
194	2	SOU194-055	Mercury	1.00E+01	mg/kg	Grid Value	6.90E+00	value
194	2	SOU194-055	Silver	1.00E+01	mg/kg	Grid Value	1.39E+01	value
194	2	SOU194-055	Uranium	2.00E+01	mg/kg	Grid Value	2.68E+01	value
194	2	SOU194-055	Vanadium	3.38E+01	mg/kg	Avg	3.55E+01	value
194	2	SOU194-055	Uranium-238	1.18E+00	pCi/g	Avg	1.24E+00	value
194	2	SOU194-056	Antimony	9.70E-01	mg/kg	Grid Value	6.59E-01	value
194	2	SOU194-056	Arsenic	1.49E+01	mg/kg	Grid Value	1.02E+01	value
194	2	SOU194-056	Beryllium	8.80E-01	mg/kg	Grid Value	6.96E-01	value
194	2	SOU194-056	Chromium	3.29E+01	mg/kg	Grid Value	5.96E+01	value
194	2	SOU194-056	Manganese	7.10E+02	mg/kg	Grid Value	7.01E+02	value
194	2	SOU194-056	Mercury	1.86E-02	mg/kg	Grid Value	6.90E+00	value
194	2	SOU194-056	Silver	1.39E+01	mg/kg	Grid Value	1.39E+01	value
194	2	SOU194-056	Uranium	3.80E+00	mg/kg	Grid Value	2.68E+01	value
194	2	SOU194-056	Vanadium	4.25E+01	mg/kg	Grid Value	3.55E+01	value
194	2	SOU194-056	Uranium-238	9.10E-01	pCi/g	Grid Value	1.24E+00	value
194	2	SOU194-057	Antimony	5.93E-01	mg/kg	Avg	6.59E-01	value
194	2	SOU194-057	Arsenic	6.36E+00	mg/kg	Grid Value	1.02E+01	value
194	2	SOU194-057	Beryllium	6.57E-01	mg/kg	Avg	6.96E-01	value
194	2	SOU194-057	Chromium	8.50E+01	mg/kg	Grid Value	5.96E+01	value
194	2	SOU194-057	Manganese	2.64E+02	mg/kg	Grid Value	7.01E+02	value
194	2	SOU194-057	Mercury	1.00E+01	mg/kg	Grid Value	6.90E+00	value
194	2	SOU194-057	Silver	1.00E+01	mg/kg	Grid Value	1.39E+01	value
194	2	SOU194-057	Uranium	2.00E+01	mg/kg	Grid Value	2.68E+01	value
194	2	SOU194-057	Vanadium	3.38E+01	mg/kg	Avg	3.55E+01	value
194	2	SOU194-057	Uranium-238	1.18E+00	pCi/g	Avg	1.24E+00	value
194	2	SOU194-079	Antimony	5.93E-01	mg/kg	Avg	6.59E-01	value
194	2	SOU194-079	Arsenic	6.58E+00	mg/kg	Grid Value	1.02E+01	value
194	2	SOU194-079	Beryllium	6.57E-01	mg/kg	Avg	6.96E-01	value
194	2	SOU194-079	Chromium	5.39E+01	mg/kg	Grid Value	5.96E+01	value
194	2	SOU194-079	Manganese	7.11E+02	mg/kg	Grid Value	7.01E+02	value
194	2	SOU194-079	Mercury	6.90E+00	mg/kg	Grid Value	6.90E+00	value
194	2	SOU194-079	Silver	1.00E+01	mg/kg	Grid Value	1.39E+01	value
194	2	SOU194-079	Uranium	2.00E+01	mg/kg	Grid Value	2.68E+01	value
194	2	SOU194-079	Vanadium	3.38E+01	mg/kg	Avg	3.55E+01	value
194	2	SOU194-079	Uranium-238	1.18E+00	pCi/g	Avg	1.24E+00	value
194	2	SOU194-080	Antimony	4.00E-01	mg/kg	Grid Value	6.59E-01	value
194	2	SOU194-080	Arsenic	6.10E+00	mg/kg	Grid Value	1.02E+01	value
194	2	SOU194-080	Beryllium	5.50E-01	mg/kg	Grid Value	6.96E-01	value
194	2	SOU194-080	Chromium	5.96E+01	mg/kg	Grid Value	5.96E+01	value
194	2	SOU194-080	Manganese	5.55E+02	mg/kg	Grid Value	7.01E+02	value
194	2	SOU194-080	Mercury	3.47E-02	mg/kg	Grid Value	6.90E+00	value
194	2	SOU194-080	Silver	1.16E+01	mg/kg	Grid Value	1.39E+01	value
194	2	SOU194-080	Uranium	4.25E+00	mg/kg	Grid Value	2.68E+01	value
194	2	SOU194-080	Vanadium	2.56E+01	mg/kg	Grid Value	3.55E+01	value
194	2	SOU194-080	Uranium-238	1.42E+00	pCi/g	Grid Value	1.24E+00	value
194	2	SOU194-081	Antimony	5.93E-01	mg/kg	Avg	6.59E-01	value
194	2	SOU194-081	Arsenic	6.28E+00	mg/kg	Grid Value	1.02E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	2	SOU194-081	Beryllium	6.57E-01	mg/kg	Avg	6.96E-01	value
194	2	SOU194-081	Chromium	8.50E+01	mg/kg	Grid Value	5.96E+01	value
194	2	SOU194-081	Manganese	3.09E+02	mg/kg	Grid Value	7.01E+02	value
194	2	SOU194-081	Mercury	1.00E+01	mg/kg	Grid Value	6.90E+00	value
194	2	SOU194-081	Silver	1.00E+01	mg/kg	Grid Value	1.39E+01	value
194	2	SOU194-081	Uranium	2.00E+01	mg/kg	Grid Value	2.68E+01	value
194	2	SOU194-081	Vanadium	3.38E+01	mg/kg	Avg	3.55E+01	value
194	2	SOU194-081	Uranium-238	1.18E+00	pCi/g	Avg	1.24E+00	value
194	3	SOU194-009	Antimony	5.75E-01	mg/kg	Avg	5.92E-01	value
194	3	SOU194-009	Arsenic	1.10E+01	mg/kg	Grid Value	1.44E+01	value
194	3	SOU194-009	Chromium	4.98E+01	mg/kg	Grid Value	4.98E+01	value
194	3	SOU194-009	Nickel	6.50E+01	mg/kg	Grid Value	6.32E+01	value
194	3	SOU194-009	Total PAH	2.96E-02	mg/kg	Avg	3.39E-02	value
194	3	SOU194-009	Cesium-137	1.44E-01	pCi/g	Avg	2.35E-01	value
194	3	SOU194-009	Uranium-238	1.06E+00	pCi/g	Avg	1.16E+00	value
194	3	SOU194-010	Antimony	5.75E-01	mg/kg	Avg	5.92E-01	value
194	3	SOU194-010	Arsenic	8.46E+00	mg/kg	Grid Value	1.44E+01	value
194	3	SOU194-010	Chromium	4.10E+01	mg/kg	Grid Value	4.98E+01	value
194	3	SOU194-010	Nickel	6.08E+01	mg/kg	Grid Value	6.32E+01	value
194	3	SOU194-010	Total PAH	2.96E-02	mg/kg	Avg	3.39E-02	value
194	3	SOU194-010	Cesium-137	1.44E-01	pCi/g	Avg	2.35E-01	value
194	3	SOU194-010	Uranium-238	1.06E+00	pCi/g	Avg	1.16E+00	value
194	3	SOU194-011	Antimony	5.75E-01	mg/kg	Avg	5.92E-01	value
194	3	SOU194-011	Arsenic	1.25E+01	mg/kg	Avg	1.44E+01	value
194	3	SOU194-011	Chromium	4.64E+01	mg/kg	Avg	4.98E+01	value
194	3	SOU194-011	Nickel	5.81E+01	mg/kg	Avg	6.32E+01	value
194	3	SOU194-011	Total PAH	2.96E-02	mg/kg	Avg	3.39E-02	value
194	3	SOU194-011	Cesium-137	1.44E-01	pCi/g	Avg	2.35E-01	value
194	3	SOU194-011	Uranium-238	1.06E+00	pCi/g	Avg	1.16E+00	value
194	3	SOU194-012	Antimony	5.75E-01	mg/kg	Avg	5.92E-01	value
194	3	SOU194-012	Arsenic	1.25E+01	mg/kg	Avg	1.44E+01	value
194	3	SOU194-012	Chromium	4.64E+01	mg/kg	Avg	4.98E+01	value
194	3	SOU194-012	Nickel	5.81E+01	mg/kg	Avg	6.32E+01	value
194	3	SOU194-012	Total PAH	2.96E-02	mg/kg	Avg	3.39E-02	value
194	3	SOU194-012	Cesium-137	1.44E-01	pCi/g	Avg	2.35E-01	value
194	3	SOU194-012	Uranium-238	1.06E+00	pCi/g	Avg	1.16E+00	value
194	3	SOU194-013	Antimony	5.75E-01	mg/kg	Avg	5.92E-01	value
194	3	SOU194-013	Arsenic	1.25E+01	mg/kg	Avg	1.44E+01	value
194	3	SOU194-013	Chromium	4.64E+01	mg/kg	Avg	4.98E+01	value
194	3	SOU194-013	Nickel	5.81E+01	mg/kg	Avg	6.32E+01	value
194	3	SOU194-013	Total PAH	2.96E-02	mg/kg	Avg	3.39E-02	value
194	3	SOU194-013	Cesium-137	1.44E-01	pCi/g	Avg	2.35E-01	value
194	3	SOU194-013	Uranium-238	1.06E+00	pCi/g	Avg	1.16E+00	value
194	3	SOU194-034	Antimony	6.90E-01	mg/kg	Grid Value	5.92E-01	value
194	3	SOU194-034	Arsenic	9.40E+00	mg/kg	Grid Value	1.44E+01	value
194	3	SOU194-034	Chromium	1.56E+01	mg/kg	Grid Value	4.98E+01	value
194	3	SOU194-034	Nickel	1.25E+01	mg/kg	Grid Value	6.32E+01	value
194	3	SOU194-034	Total PAH	4.10E-02	mg/kg	Grid Value	3.39E-02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	3	SOU194-034	Cesium-137	3.27E-01	pCi/g	Grid Value	2.35E-01	value
194	3	SOU194-034	Uranium-238	1.31E+00	pCi/g	Grid Value	1.16E+00	value
194	3	SOU194-035	Antimony	5.75E-01	mg/kg	Avg	5.92E-01	value
194	3	SOU194-035	Arsenic	1.25E+01	mg/kg	Avg	1.44E+01	value
194	3	SOU194-035	Chromium	4.64E+01	mg/kg	Avg	4.98E+01	value
194	3	SOU194-035	Nickel	5.81E+01	mg/kg	Avg	6.32E+01	value
194	3	SOU194-035	Total PAH	2.96E-02	mg/kg	Avg	3.39E-02	value
194	3	SOU194-035	Cesium-137	1.44E-01	pCi/g	Avg	2.35E-01	value
194	3	SOU194-035	Uranium-238	1.06E+00	pCi/g	Avg	1.16E+00	value
194	3	SOU194-036	Antimony	5.75E-01	mg/kg	Avg	5.92E-01	value
194	3	SOU194-036	Arsenic	1.25E+01	mg/kg	Avg	1.44E+01	value
194	3	SOU194-036	Chromium	4.64E+01	mg/kg	Avg	4.98E+01	value
194	3	SOU194-036	Nickel	5.81E+01	mg/kg	Avg	6.32E+01	value
194	3	SOU194-036	Total PAH	2.96E-02	mg/kg	Avg	3.39E-02	value
194	3	SOU194-036	Cesium-137	1.44E-01	pCi/g	Avg	2.35E-01	value
194	3	SOU194-036	Uranium-238	1.06E+00	pCi/g	Avg	1.16E+00	value
194	3	SOU194-037	Antimony	5.75E-01	mg/kg	Avg	5.92E-01	value
194	3	SOU194-037	Arsenic	1.25E+01	mg/kg	Avg	1.44E+01	value
194	3	SOU194-037	Chromium	4.64E+01	mg/kg	Avg	4.98E+01	value
194	3	SOU194-037	Nickel	5.81E+01	mg/kg	Avg	6.32E+01	value
194	3	SOU194-037	Total PAH	2.96E-02	mg/kg	Avg	3.39E-02	value
194	3	SOU194-037	Cesium-137	1.44E-01	pCi/g	Avg	2.35E-01	value
194	3	SOU194-037	Uranium-238	1.06E+00	pCi/g	Avg	1.16E+00	value
194	3	SOU194-058	Antimony	5.75E-01	mg/kg	Avg	5.92E-01	value
194	3	SOU194-058	Arsenic	1.49E+01	mg/kg	Grid Value	1.44E+01	value
194	3	SOU194-058	Chromium	3.90E+01	mg/kg	Grid Value	4.98E+01	value
194	3	SOU194-058	Nickel	6.50E+01	mg/kg	Grid Value	6.32E+01	value
194	3	SOU194-058	Total PAH	2.96E-02	mg/kg	Avg	3.39E-02	value
194	3	SOU194-058	Cesium-137	1.44E-01	pCi/g	Avg	2.35E-01	value
194	3	SOU194-058	Uranium-238	1.06E+00	pCi/g	Avg	1.16E+00	value
194	3	SOU194-059	Antimony	5.75E-01	mg/kg	Avg	5.92E-01	value
194	3	SOU194-059	Arsenic	1.25E+01	mg/kg	Avg	1.44E+01	value
194	3	SOU194-059	Chromium	4.64E+01	mg/kg	Avg	4.98E+01	value
194	3	SOU194-059	Nickel	5.81E+01	mg/kg	Avg	6.32E+01	value
194	3	SOU194-059	Total PAH	2.96E-02	mg/kg	Avg	3.39E-02	value
194	3	SOU194-059	Cesium-137	1.44E-01	pCi/g	Avg	2.35E-01	value
194	3	SOU194-059	Uranium-238	1.06E+00	pCi/g	Avg	1.16E+00	value
194	3	SOU194-060	Antimony	5.75E-01	mg/kg	Avg	5.92E-01	value
194	3	SOU194-060	Arsenic	2.86E+01	mg/kg	Grid Value	1.44E+01	value
194	3	SOU194-060	Chromium	4.96E+01	mg/kg	Grid Value	4.98E+01	value
194	3	SOU194-060	Nickel	6.03E+01	mg/kg	Grid Value	6.32E+01	value
194	3	SOU194-060	Total PAH	2.96E-02	mg/kg	Avg	3.39E-02	value
194	3	SOU194-060	Cesium-137	1.44E-01	pCi/g	Avg	2.35E-01	value
194	3	SOU194-060	Uranium-238	1.06E+00	pCi/g	Avg	1.16E+00	value
194	3	SOU194-061	Antimony	4.60E-01	mg/kg	Grid Value	5.92E-01	value
194	3	SOU194-061	Arsenic	9.30E+00	mg/kg	Grid Value	1.44E+01	value
194	3	SOU194-061	Chromium	1.16E+01	mg/kg	Grid Value	4.98E+01	value
194	3	SOU194-061	Nickel	6.23E+01	mg/kg	Grid Value	6.32E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	3	SOU194-061	Total PAH	1.81E-02	mg/kg	Grid Value	3.39E-02	value
194	3	SOU194-061	Cesium-137	-4.00E-02	pCi/g	Grid Value	2.35E-01	value
194	3	SOU194-061	Uranium-238	8.00E-01	pCi/g	Grid Value	1.16E+00	value
194	3	SOU194-082	Antimony	5.75E-01	mg/kg	Avg	5.92E-01	value
194	3	SOU194-082	Arsenic	9.32E+00	mg/kg	Grid Value	1.44E+01	value
194	3	SOU194-082	Chromium	4.09E+01	mg/kg	Grid Value	4.98E+01	value
194	3	SOU194-082	Nickel	6.50E+01	mg/kg	Grid Value	6.32E+01	value
194	3	SOU194-082	Total PAH	2.96E-02	mg/kg	Avg	3.39E-02	value
194	3	SOU194-082	Cesium-137	1.44E-01	pCi/g	Avg	2.35E-01	value
194	3	SOU194-082	Uranium-238	1.06E+00	pCi/g	Avg	1.16E+00	value
194	3	SOU194-083	Antimony	5.75E-01	mg/kg	Avg	5.92E-01	value
194	3	SOU194-083	Arsenic	1.25E+01	mg/kg	Avg	1.44E+01	value
194	3	SOU194-083	Chromium	4.64E+01	mg/kg	Avg	4.98E+01	value
194	3	SOU194-083	Nickel	5.81E+01	mg/kg	Avg	6.32E+01	value
194	3	SOU194-083	Total PAH	2.96E-02	mg/kg	Avg	3.39E-02	value
194	3	SOU194-083	Cesium-137	1.44E-01	pCi/g	Avg	2.35E-01	value
194	3	SOU194-083	Uranium-238	1.06E+00	pCi/g	Avg	1.16E+00	value
194	3	SOU194-084	Antimony	5.75E-01	mg/kg	Avg	5.92E-01	value
194	3	SOU194-084	Arsenic	1.10E+01	mg/kg	Grid Value	1.44E+01	value
194	3	SOU194-084	Chromium	8.50E+01	mg/kg	Grid Value	4.98E+01	value
194	3	SOU194-084	Nickel	6.50E+01	mg/kg	Grid Value	6.32E+01	value
194	3	SOU194-084	Total PAH	2.96E-02	mg/kg	Avg	3.39E-02	value
194	3	SOU194-084	Cesium-137	1.44E-01	pCi/g	Avg	2.35E-01	value
194	3	SOU194-084	Uranium-238	1.06E+00	pCi/g	Avg	1.16E+00	value
194	3	SOU194-085	Antimony	5.75E-01	mg/kg	Avg	5.92E-01	value
194	3	SOU194-085	Arsenic	1.10E+01	mg/kg	Grid Value	1.44E+01	value
194	3	SOU194-085	Chromium	8.50E+01	mg/kg	Grid Value	4.98E+01	value
194	3	SOU194-085	Nickel	6.66E+01	mg/kg	Grid Value	6.32E+01	value
194	3	SOU194-085	Total PAH	2.96E-02	mg/kg	Avg	3.39E-02	value
194	3	SOU194-085	Cesium-137	1.44E-01	pCi/g	Avg	2.35E-01	value
194	3	SOU194-085	Uranium-238	1.06E+00	pCi/g	Avg	1.16E+00	value
194	4	SOU194-014	Aluminum	7.98E+03	mg/kg	Avg	8.50E+03	value
194	4	SOU194-014	Arsenic	1.10E+01	mg/kg	Grid Value	1.02E+01	value
194	4	SOU194-014	Beryllium	5.53E-01	mg/kg	Avg	5.87E-01	value
194	4	SOU194-014	Chromium	5.01E+01	mg/kg	Grid Value	5.59E+01	value
194	4	SOU194-014	Iron	8.37E+03	mg/kg	Grid Value	1.83E+04	value
194	4	SOU194-014	Manganese	4.28E+02	mg/kg	Grid Value	4.76E+02	value
194	4	SOU194-014	Mercury	1.00E+01	mg/kg	Grid Value	8.92E+00	value
194	4	SOU194-014	Nickel	5.95E+01	mg/kg	Grid Value	8.15E+01	value
194	4	SOU194-014	Silver	1.00E+01	mg/kg	Grid Value	1.23E+01	value
194	4	SOU194-014	Total PAH	2.42E-02	mg/kg	Avg	2.85E-02	value
194	4	SOU194-014	Vanadium	2.89E+01	mg/kg	Avg	3.07E+01	value
194	4	SOU194-014	Cesium-137	8.53E-02	pCi/g	Avg	1.44E-01	value
194	4	SOU194-014	Uranium-238	9.53E-01	pCi/g	Avg	1.02E+00	value
194	4	SOU194-015	Aluminum	7.98E+03	mg/kg	Avg	8.50E+03	value
194	4	SOU194-015	Arsenic	8.11E+00	mg/kg	Grid Value	1.02E+01	value
194	4	SOU194-015	Beryllium	5.53E-01	mg/kg	Avg	5.87E-01	value
194	4	SOU194-015	Chromium	5.29E+01	mg/kg	Grid Value	5.59E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	4	SOU194-015	Iron	1.50E+04	mg/kg	Grid Value	1.83E+04	value
194	4	SOU194-015	Manganese	2.48E+02	mg/kg	Grid Value	4.76E+02	value
194	4	SOU194-015	Mercury	1.00E+01	mg/kg	Grid Value	8.92E+00	value
194	4	SOU194-015	Nickel	6.50E+01	mg/kg	Grid Value	8.15E+01	value
194	4	SOU194-015	Silver	1.00E+01	mg/kg	Grid Value	1.23E+01	value
194	4	SOU194-015	Total PAH	2.42E-02	mg/kg	Avg	2.85E-02	value
194	4	SOU194-015	Vanadium	2.89E+01	mg/kg	Avg	3.07E+01	value
194	4	SOU194-015	Cesium-137	8.53E-02	pCi/g	Avg	1.44E-01	value
194	4	SOU194-015	Uranium-238	9.53E-01	pCi/g	Avg	1.02E+00	value
194	4	SOU194-015A	Aluminum	9.24E+03	mg/kg	Grid Value	8.50E+03	UCL 95 or maximum value
194	4	SOU194-015A	Arsenic	9.70E+00	mg/kg	Grid Value	1.02E+01	UCL 95 or maximum value
194	4	SOU194-015A	Beryllium	5.40E-01	mg/kg	Grid Value	5.87E-01	UCL 95 or maximum value
194	4	SOU194-015A	Chromium	1.41E+01	mg/kg	Grid Value	5.59E+01	UCL 95 or maximum value
194	4	SOU194-015A	Iron	1.54E+04	mg/kg	Grid Value	1.83E+04	UCL 95 or maximum value
194	4	SOU194-015A	Manganese	3.97E+02	mg/kg	Grid Value	4.76E+02	UCL 95 or maximum value
194	4	SOU194-015A	Mercury	2.61E-02	mg/kg	Grid Value	8.92E+00	UCL 95 or maximum value
194	4	SOU194-015A	Nickel	7.50E+00	mg/kg	Grid Value	8.15E+01	UCL 95 or maximum value
194	4	SOU194-015A	Silver	3.80E-02	mg/kg	Grid Value	1.23E+01	UCL 95 or maximum value
194	4	SOU194-015A	Total PAH	7.30E-03	mg/kg	Grid Value	2.85E-02	UCL 95 or maximum value
194	4	SOU194-015A	Vanadium	3.01E+01	mg/kg	Grid Value	3.07E+01	UCL 95 or maximum value
194	4	SOU194-015A	Cesium-137	1.00E-02	pCi/g	Grid Value	1.44E-01	UCL 95 or maximum value
194	4	SOU194-015A	Uranium-238	8.30E-01	pCi/g	Grid Value	1.02E+00	UCL 95 or maximum value
194	4	015B	Aluminum	7.98E+03	mg/kg	Avg	8.50E+03	value
194	4	015B	Arsenic	7.70E+00	mg/kg	Grid Value	1.02E+01	value
194	4	015B	Beryllium	5.53E-01	mg/kg	Avg	5.87E-01	value
194	4	015B	Chromium	8.50E+01	mg/kg	Grid Value	5.59E+01	value
194	4	015B	Iron	1.12E+04	mg/kg	Grid Value	1.83E+04	value
194	4	015B	Manganese	3.07E+02	mg/kg	Grid Value	4.76E+02	value
194	4	015B	Mercury	1.00E+01	mg/kg	Grid Value	8.92E+00	value
194	4	015B	Nickel	6.50E+01	mg/kg	Grid Value	8.15E+01	value
194	4	015B	Silver	1.00E+01	mg/kg	Grid Value	1.23E+01	value
194	4	015B	Total PAH	2.42E-02	mg/kg	Avg	2.85E-02	value
194	4	015B	Vanadium	2.89E+01	mg/kg	Avg	3.07E+01	value
194	4	015B	Cesium-137	8.53E-02	pCi/g	Avg	1.44E-01	value
194	4	015B	Uranium-238	9.53E-01	pCi/g	Avg	1.02E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	4	015C	Aluminum	7.98E+03	mg/kg	Avg	8.50E+03	value
194	4	015C	Arsenic	1.08E+01	mg/kg	Grid Value	1.02E+01	value
194	4	015C	Beryllium	5.53E-01	mg/kg	Avg	5.87E-01	value
194	4	015C	Chromium	8.50E+01	mg/kg	Grid Value	5.59E+01	value
194	4	015C	Iron	1.16E+04	mg/kg	Grid Value	1.83E+04	value
194	4	015C	Manganese	2.37E+02	mg/kg	Grid Value	4.76E+02	value
194	4	015C	Mercury	1.00E+01	mg/kg	Grid Value	8.92E+00	value
194	4	015C	Nickel	6.50E+01	mg/kg	Grid Value	8.15E+01	value
194	4	015C	Silver	1.00E+01	mg/kg	Grid Value	1.23E+01	value
194	4	015C	Total PAH	2.42E-02	mg/kg	Avg	2.85E-02	value
194	4	015C	Vanadium	2.89E+01	mg/kg	Avg	3.07E+01	value
194	4	015C	Cesium-137	8.53E-02	pCi/g	Avg	1.44E-01	value
194	4	015C	Uranium-238	9.53E-01	pCi/g	Avg	1.02E+00	value
194	4	SOU194-016	Aluminum	7.98E+03	mg/kg	Avg	8.50E+03	value
194	4	SOU194-016	Arsenic	6.01E+00	mg/kg	Grid Value	1.02E+01	value
194	4	SOU194-016	Beryllium	5.53E-01	mg/kg	Avg	5.87E-01	value
194	4	SOU194-016	Chromium	4.07E+01	mg/kg	Grid Value	5.59E+01	value
194	4	SOU194-016	Iron	1.49E+04	mg/kg	Grid Value	1.83E+04	value
194	4	SOU194-016	Manganese	3.61E+02	mg/kg	Grid Value	4.76E+02	value
194	4	SOU194-016	Mercury	1.00E+01	mg/kg	Grid Value	8.92E+00	value
194	4	SOU194-016	Nickel	6.50E+01	mg/kg	Grid Value	8.15E+01	value
194	4	SOU194-016	Silver	1.00E+01	mg/kg	Grid Value	1.23E+01	value
194	4	SOU194-016	Total PAH	2.42E-02	mg/kg	Avg	2.85E-02	value
194	4	SOU194-016	Vanadium	2.89E+01	mg/kg	Avg	3.07E+01	value
194	4	SOU194-016	Cesium-137	8.53E-02	pCi/g	Avg	1.44E-01	value
194	4	SOU194-016	Uranium-238	9.53E-01	pCi/g	Avg	1.02E+00	value
194	4	SOU194-017	Aluminum	5.09E+03	mg/kg	Grid Value	8.50E+03	value
194	4	SOU194-017	Arsenic	3.20E+00	mg/kg	Grid Value	1.02E+01	value
194	4	SOU194-017	Beryllium	3.40E-01	mg/kg	Grid Value	5.87E-01	value
194	4	SOU194-017	Chromium	9.30E+00	mg/kg	Grid Value	5.59E+01	value
194	4	SOU194-017	Iron	1.11E+04	mg/kg	Grid Value	1.83E+04	value
194	4	SOU194-017	Manganese	3.44E+02	mg/kg	Grid Value	4.76E+02	value
194	4	SOU194-017	Mercury	2.48E-02	mg/kg	Grid Value	8.92E+00	value
194	4	SOU194-017	Nickel	5.94E+01	mg/kg	Grid Value	8.15E+01	value
194	4	SOU194-017	Silver	3.90E-02	mg/kg	Grid Value	1.23E+01	value
194	4	SOU194-017	Total PAH	7.30E-02	mg/kg	Grid Value	2.85E-02	value
194	4	SOU194-017	Vanadium	1.47E+01	mg/kg	Grid Value	3.07E+01	value
194	4	SOU194-017	Cesium-137	3.48E-01	pCi/g	Grid Value	1.44E-01	value
194	4	SOU194-017	Uranium-238	1.73E+00	pCi/g	Grid Value	1.02E+00	value
194	4	SOU194-018	Aluminum	7.98E+03	mg/kg	Avg	8.50E+03	value
194	4	SOU194-018	Arsenic	1.10E+01	mg/kg	Grid Value	1.02E+01	value
194	4	SOU194-018	Beryllium	5.53E-01	mg/kg	Avg	5.87E-01	value
194	4	SOU194-018	Chromium	4.84E+01	mg/kg	Grid Value	5.59E+01	value
194	4	SOU194-018	Iron	9.76E+03	mg/kg	Grid Value	1.83E+04	value
194	4	SOU194-018	Manganese	1.83E+02	mg/kg	Grid Value	4.76E+02	value
194	4	SOU194-018	Mercury	1.00E+01	mg/kg	Grid Value	8.92E+00	value
194	4	SOU194-018	Nickel	8.11E+01	mg/kg	Grid Value	8.15E+01	value
194	4	SOU194-018	Silver	1.00E+01	mg/kg	Grid Value	1.23E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	4	SOU194-018	Total PAH	2.42E-02	mg/kg	Avg	2.85E-02	value
194	4	SOU194-018	Vanadium	2.89E+01	mg/kg	Avg	3.07E+01	value
194	4	SOU194-018	Cesium-137	8.53E-02	pCi/g	Avg	1.44E-01	value
194	4	SOU194-018	Uranium-238	9.53E-01	pCi/g	Avg	1.02E+00	value
194	4	SOU194-038	Aluminum	4.60E+03	mg/kg	Grid Value	8.50E+03	value
194	4	SOU194-038	Arsenic	1.05E+01	mg/kg	Grid Value	1.02E+01	value
194	4	SOU194-038	Beryllium	4.10E-01	mg/kg	Grid Value	5.87E-01	value
194	4	SOU194-038	Chromium	8.40E+00	mg/kg	Grid Value	5.59E+01	value
194	4	SOU194-038	Iron	1.59E+04	mg/kg	Grid Value	1.83E+04	value
194	4	SOU194-038	Manganese	4.80E+02	mg/kg	Grid Value	4.76E+02	value
194	4	SOU194-038	Mercury	2.70E-02	mg/kg	Grid Value	8.92E+00	value
194	4	SOU194-038	Nickel	7.25E+01	mg/kg	Grid Value	8.15E+01	value
194	4	SOU194-038	Silver	3.80E-02	mg/kg	Grid Value	1.23E+01	value
194	4	SOU194-038	Total PAH	8.20E-03	mg/kg	Grid Value	2.85E-02	value
194	4	SOU194-038	Vanadium	2.31E+01	mg/kg	Grid Value	3.07E+01	value
194	4	SOU194-038	Cesium-137	-7.00E-03	pCi/g	Grid Value	1.44E-01	value
194	4	SOU194-038	Uranium-238	5.73E-01	pCi/g	Grid Value	1.02E+00	value
194	4	SOU194-039	Aluminum	7.98E+03	mg/kg	Avg	8.50E+03	value
194	4	SOU194-039	Arsenic	6.46E+00	mg/kg	Grid Value	1.02E+01	value
194	4	SOU194-039	Beryllium	5.53E-01	mg/kg	Avg	5.87E-01	value
194	4	SOU194-039	Chromium	5.19E+01	mg/kg	Grid Value	5.59E+01	value
194	4	SOU194-039	Iron	1.27E+04	mg/kg	Grid Value	1.83E+04	value
194	4	SOU194-039	Manganese	8.20E+02	mg/kg	Grid Value	4.76E+02	value
194	4	SOU194-039	Mercury	1.00E+01	mg/kg	Grid Value	8.92E+00	value
194	4	SOU194-039	Nickel	6.50E+01	mg/kg	Grid Value	8.15E+01	value
194	4	SOU194-039	Silver	1.00E+01	mg/kg	Grid Value	1.23E+01	value
194	4	SOU194-039	Total PAH	2.42E-02	mg/kg	Avg	2.85E-02	value
194	4	SOU194-039	Vanadium	2.89E+01	mg/kg	Avg	3.07E+01	value
194	4	SOU194-039	Cesium-137	8.53E-02	pCi/g	Avg	1.44E-01	value
194	4	SOU194-039	Uranium-238	9.53E-01	pCi/g	Avg	1.02E+00	value
194	4	SOU194-040	Aluminum	1.30E+04	mg/kg	Grid Value	8.50E+03	value
194	4	SOU194-040	Arsenic	1.60E+01	mg/kg	Grid Value	1.02E+01	value
194	4	SOU194-040	Beryllium	9.20E-01	mg/kg	Grid Value	5.87E-01	value
194	4	SOU194-040	Chromium	4.14E+01	mg/kg	Grid Value	5.59E+01	value
194	4	SOU194-040	Iron	4.67E+04	mg/kg	Grid Value	1.83E+04	value
194	4	SOU194-040	Manganese	1.13E+03	mg/kg	Grid Value	4.76E+02	value
194	4	SOU194-040	Mercury	8.80E-03	mg/kg	Grid Value	8.92E+00	value
194	4	SOU194-040	Nickel	1.27E+01	mg/kg	Grid Value	8.15E+01	value
194	4	SOU194-040	Silver	1.08E+01	mg/kg	Grid Value	1.23E+01	value
194	4	SOU194-040	Total PAH	8.30E-03	mg/kg	Grid Value	2.85E-02	value
194	4	SOU194-040	Vanadium	4.75E+01	mg/kg	Grid Value	3.07E+01	value
194	4	SOU194-040	Cesium-137	-1.00E-02	pCi/g	Grid Value	1.44E-01	value
194	4	SOU194-040	Uranium-238	6.80E-01	pCi/g	Grid Value	1.02E+00	value
194	4	SOU194-041	Aluminum	7.98E+03	mg/kg	Avg	8.50E+03	value
194	4	SOU194-041	Arsenic	5.98E+00	mg/kg	Grid Value	1.02E+01	value
194	4	SOU194-041	Beryllium	5.53E-01	mg/kg	Avg	5.87E-01	value
194	4	SOU194-041	Chromium	8.50E+01	mg/kg	Grid Value	5.59E+01	value
194	4	SOU194-041	Iron	1.47E+04	mg/kg	Grid Value	1.83E+04	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	4	SOU194-041	Manganese	2.15E+02	mg/kg	Grid Value	4.76E+02	value
194	4	SOU194-041	Mercury	1.00E+01	mg/kg	Grid Value	8.92E+00	value
194	4	SOU194-041	Nickel	6.50E+01	mg/kg	Grid Value	8.15E+01	value
194	4	SOU194-041	Silver	1.06E+01	mg/kg	Grid Value	1.23E+01	value
194	4	SOU194-041	Total PAH	2.42E-02	mg/kg	Avg	2.85E-02	value
194	4	SOU194-041	Vanadium	2.89E+01	mg/kg	Avg	3.07E+01	value
194	4	SOU194-041	Cesium-137	8.53E-02	pCi/g	Avg	1.44E-01	value
194	4	SOU194-041	Uranium-238	9.53E-01	pCi/g	Avg	1.02E+00	value
194	4	SOU194-042	Aluminum	7.98E+03	mg/kg	Avg	8.50E+03	value
194	4	SOU194-042	Arsenic	1.10E+01	mg/kg	Grid Value	1.02E+01	value
194	4	SOU194-042	Beryllium	5.53E-01	mg/kg	Avg	5.87E-01	value
194	4	SOU194-042	Chromium	3.47E+01	mg/kg	Grid Value	5.59E+01	value
194	4	SOU194-042	Iron	1.74E+04	mg/kg	Grid Value	1.83E+04	value
194	4	SOU194-042	Manganese	2.20E+02	mg/kg	Grid Value	4.76E+02	value
194	4	SOU194-042	Mercury	1.00E+01	mg/kg	Grid Value	8.92E+00	value
194	4	SOU194-042	Nickel	5.57E+01	mg/kg	Grid Value	8.15E+01	value
194	4	SOU194-042	Silver	1.00E+01	mg/kg	Grid Value	1.23E+01	value
194	4	SOU194-042	Total PAH	2.42E-02	mg/kg	Avg	2.85E-02	value
194	4	SOU194-042	Vanadium	2.89E+01	mg/kg	Avg	3.07E+01	value
194	4	SOU194-042	Cesium-137	8.53E-02	pCi/g	Avg	1.44E-01	value
194	4	SOU194-042	Uranium-238	9.53E-01	pCi/g	Avg	1.02E+00	value
194	4	SOU194-062	Aluminum	7.98E+03	mg/kg	Avg	8.50E+03	value
194	4	SOU194-062	Arsenic	1.10E+01	mg/kg	Grid Value	1.02E+01	value
194	4	SOU194-062	Beryllium	5.53E-01	mg/kg	Avg	5.87E-01	value
194	4	SOU194-062	Chromium	3.49E+01	mg/kg	Grid Value	5.59E+01	value
194	4	SOU194-062	Iron	1.30E+04	mg/kg	Grid Value	1.83E+04	value
194	4	SOU194-062	Manganese	1.98E+02	mg/kg	Grid Value	4.76E+02	value
194	4	SOU194-062	Mercury	1.00E+01	mg/kg	Grid Value	8.92E+00	value
194	4	SOU194-062	Nickel	6.50E+01	mg/kg	Grid Value	8.15E+01	value
194	4	SOU194-062	Silver	1.00E+01	mg/kg	Grid Value	1.23E+01	value
194	4	SOU194-062	Total PAH	2.42E-02	mg/kg	Avg	2.85E-02	value
194	4	SOU194-062	Vanadium	2.89E+01	mg/kg	Avg	3.07E+01	value
194	4	SOU194-062	Cesium-137	8.53E-02	pCi/g	Avg	1.44E-01	value
194	4	SOU194-062	Uranium-238	9.53E-01	pCi/g	Avg	1.02E+00	value
194	4	SOU194-063	Aluminum	7.98E+03	mg/kg	Avg	8.50E+03	value
194	4	SOU194-063	Arsenic	1.10E+01	mg/kg	Grid Value	1.02E+01	value
194	4	SOU194-063	Beryllium	5.53E-01	mg/kg	Avg	5.87E-01	value
194	4	SOU194-063	Chromium	8.50E+01	mg/kg	Grid Value	5.59E+01	value
194	4	SOU194-063	Iron	1.36E+04	mg/kg	Grid Value	1.83E+04	value
194	4	SOU194-063	Manganese	1.25E+02	mg/kg	Grid Value	4.76E+02	value
194	4	SOU194-063	Mercury	1.00E+01	mg/kg	Grid Value	8.92E+00	value
194	4	SOU194-063	Nickel	6.50E+01	mg/kg	Grid Value	8.15E+01	value
194	4	SOU194-063	Silver	1.00E+01	mg/kg	Grid Value	1.23E+01	value
194	4	SOU194-063	Total PAH	2.42E-02	mg/kg	Avg	2.85E-02	value
194	4	SOU194-063	Vanadium	2.89E+01	mg/kg	Avg	3.07E+01	value
194	4	SOU194-063	Cesium-137	8.53E-02	pCi/g	Avg	1.44E-01	value
194	4	SOU194-063	Uranium-238	9.53E-01	pCi/g	Avg	1.02E+00	value
194	4	SOU194-064	Aluminum	7.98E+03	mg/kg	Avg	8.50E+03	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	4	SOU194-064	Arsenic	6.77E+00	mg/kg	Grid Value	1.02E+01	value
194	4	SOU194-064	Beryllium	5.53E-01	mg/kg	Avg	5.87E-01	value
194	4	SOU194-064	Chromium	5.38E+01	mg/kg	Grid Value	5.59E+01	value
194	4	SOU194-064	Iron	1.81E+04	mg/kg	Grid Value	1.83E+04	value
194	4	SOU194-064	Manganese	7.52E+02	mg/kg	Grid Value	4.76E+02	value
194	4	SOU194-064	Mercury	1.00E+01	mg/kg	Grid Value	8.92E+00	value
194	4	SOU194-064	Nickel	1.04E+02	mg/kg	Grid Value	8.15E+01	value
194	4	SOU194-064	Silver	1.02E+01	mg/kg	Grid Value	1.23E+01	value
194	4	SOU194-064	Total PAH	2.42E-02	mg/kg	Avg	2.85E-02	value
194	4	SOU194-064	Vanadium	2.89E+01	mg/kg	Avg	3.07E+01	value
194	4	SOU194-064	Cesium-137	8.53E-02	pCi/g	Avg	1.44E-01	value
194	4	SOU194-064	Uranium-238	9.53E-01	pCi/g	Avg	1.02E+00	value
194	4	SOU194-065	Aluminum	7.98E+03	mg/kg	Avg	8.50E+03	value
194	4	SOU194-065	Arsenic	5.55E+00	mg/kg	Grid Value	1.02E+01	value
194	4	SOU194-065	Beryllium	5.53E-01	mg/kg	Avg	5.87E-01	value
194	4	SOU194-065	Chromium	4.33E+01	mg/kg	Grid Value	5.59E+01	value
194	4	SOU194-065	Iron	1.84E+04	mg/kg	Grid Value	1.83E+04	value
194	4	SOU194-065	Manganese	7.04E+02	mg/kg	Grid Value	4.76E+02	value
194	4	SOU194-065	Mercury	1.00E+01	mg/kg	Grid Value	8.92E+00	value
194	4	SOU194-065	Nickel	6.50E+01	mg/kg	Grid Value	8.15E+01	value
194	4	SOU194-065	Silver	1.00E+01	mg/kg	Grid Value	1.23E+01	value
194	4	SOU194-065	Total PAH	2.42E-02	mg/kg	Avg	2.85E-02	value
194	4	SOU194-065	Vanadium	2.89E+01	mg/kg	Avg	3.07E+01	value
194	4	SOU194-065	Cesium-137	8.53E-02	pCi/g	Avg	1.44E-01	value
194	4	SOU194-065	Uranium-238	9.53E-01	pCi/g	Avg	1.02E+00	value
194	4	SOU194-066	Aluminum	7.98E+03	mg/kg	Avg	8.50E+03	value
194	4	SOU194-066	Arsenic	9.66E+00	mg/kg	Grid Value	1.02E+01	value
194	4	SOU194-066	Beryllium	5.53E-01	mg/kg	Avg	5.87E-01	value
194	4	SOU194-066	Chromium	4.17E+01	mg/kg	Grid Value	5.59E+01	value
194	4	SOU194-066	Iron	1.05E+04	mg/kg	Grid Value	1.83E+04	value
194	4	SOU194-066	Manganese	3.26E+02	mg/kg	Grid Value	4.76E+02	value
194	4	SOU194-066	Mercury	1.00E+01	mg/kg	Grid Value	8.92E+00	value
194	4	SOU194-066	Nickel	5.37E+01	mg/kg	Grid Value	8.15E+01	value
194	4	SOU194-066	Silver	1.00E+01	mg/kg	Grid Value	1.23E+01	value
194	4	SOU194-066	Total PAH	2.42E-02	mg/kg	Avg	2.85E-02	value
194	4	SOU194-066	Vanadium	2.89E+01	mg/kg	Avg	3.07E+01	value
194	4	SOU194-066	Cesium-137	8.53E-02	pCi/g	Avg	1.44E-01	value
194	4	SOU194-066	Uranium-238	9.53E-01	pCi/g	Avg	1.02E+00	value
194	4	SOU194-086	Aluminum	7.98E+03	mg/kg	Avg	8.50E+03	value
194	4	SOU194-086	Arsenic	1.10E+01	mg/kg	Grid Value	1.02E+01	value
194	4	SOU194-086	Beryllium	5.53E-01	mg/kg	Avg	5.87E-01	value
194	4	SOU194-086	Chromium	8.50E+01	mg/kg	Grid Value	5.59E+01	value
194	4	SOU194-086	Iron	1.70E+04	mg/kg	Grid Value	1.83E+04	value
194	4	SOU194-086	Manganese	2.33E+02	mg/kg	Grid Value	4.76E+02	value
194	4	SOU194-086	Mercury	1.00E+01	mg/kg	Grid Value	8.92E+00	value
194	4	SOU194-086	Nickel	6.50E+01	mg/kg	Grid Value	8.15E+01	value
194	4	SOU194-086	Silver	1.00E+01	mg/kg	Grid Value	1.23E+01	value
194	4	SOU194-086	Total PAH	2.42E-02	mg/kg	Avg	2.85E-02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	4	SOU194-086	Vanadium	2.89E+01	mg/kg	Avg	3.07E+01	value
194	4	SOU194-086	Cesium-137	8.53E-02	pCi/g	Avg	1.44E-01	value
194	4	SOU194-086	Uranium-238	9.53E-01	pCi/g	Avg	1.02E+00	value
194	4	SOU194-087	Aluminum	7.98E+03	mg/kg	Avg	8.50E+03	value
194	4	SOU194-087	Arsenic	1.10E+01	mg/kg	Grid Value	1.02E+01	value
194	4	SOU194-087	Beryllium	5.53E-01	mg/kg	Avg	5.87E-01	value
194	4	SOU194-087	Chromium	8.50E+01	mg/kg	Grid Value	5.59E+01	value
194	4	SOU194-087	Iron	1.42E+04	mg/kg	Grid Value	1.83E+04	value
194	4	SOU194-087	Manganese	2.44E+02	mg/kg	Grid Value	4.76E+02	value
194	4	SOU194-087	Mercury	1.00E+01	mg/kg	Grid Value	8.92E+00	value
194	4	SOU194-087	Nickel	6.50E+01	mg/kg	Grid Value	8.15E+01	value
194	4	SOU194-087	Silver	1.24E+01	mg/kg	Grid Value	1.23E+01	value
194	4	SOU194-087	Total PAH	2.42E-02	mg/kg	Avg	2.85E-02	value
194	4	SOU194-087	Vanadium	2.89E+01	mg/kg	Avg	3.07E+01	value
194	4	SOU194-087	Cesium-137	8.53E-02	pCi/g	Avg	1.44E-01	value
194	4	SOU194-087	Uranium-238	9.53E-01	pCi/g	Avg	1.02E+00	value
194	4	SOU194-088	Aluminum	7.98E+03	mg/kg	Avg	8.50E+03	value
194	4	SOU194-088	Arsenic	1.10E+01	mg/kg	Grid Value	1.02E+01	value
194	4	SOU194-088	Beryllium	5.53E-01	mg/kg	Avg	5.87E-01	value
194	4	SOU194-088	Chromium	3.22E+01	mg/kg	Grid Value	5.59E+01	value
194	4	SOU194-088	Iron	1.45E+04	mg/kg	Grid Value	1.83E+04	value
194	4	SOU194-088	Manganese	3.07E+02	mg/kg	Grid Value	4.76E+02	value
194	4	SOU194-088	Mercury	1.00E+01	mg/kg	Grid Value	8.92E+00	value
194	4	SOU194-088	Nickel	7.66E+01	mg/kg	Grid Value	8.15E+01	value
194	4	SOU194-088	Silver	1.14E+01	mg/kg	Grid Value	1.23E+01	value
194	4	SOU194-088	Total PAH	2.42E-02	mg/kg	Avg	2.85E-02	value
194	4	SOU194-088	Vanadium	2.89E+01	mg/kg	Avg	3.07E+01	value
194	4	SOU194-088	Cesium-137	8.53E-02	pCi/g	Avg	1.44E-01	value
194	4	SOU194-088	Uranium-238	9.53E-01	pCi/g	Avg	1.02E+00	value
194	4	SOU194-089	Aluminum	7.98E+03	mg/kg	Avg	8.50E+03	value
194	4	SOU194-089	Arsenic	1.08E+01	mg/kg	Grid Value	1.02E+01	value
194	4	SOU194-089	Beryllium	5.53E-01	mg/kg	Avg	5.87E-01	value
194	4	SOU194-089	Chromium	5.59E+01	mg/kg	Grid Value	5.59E+01	value
194	4	SOU194-089	Iron	1.86E+04	mg/kg	Grid Value	1.83E+04	value
194	4	SOU194-089	Manganese	3.24E+02	mg/kg	Grid Value	4.76E+02	value
194	4	SOU194-089	Mercury	1.00E+01	mg/kg	Grid Value	8.92E+00	value
194	4	SOU194-089	Nickel	9.17E+01	mg/kg	Grid Value	8.15E+01	value
194	4	SOU194-089	Silver	1.00E+01	mg/kg	Grid Value	1.23E+01	value
194	4	SOU194-089	Total PAH	2.42E-02	mg/kg	Avg	2.85E-02	value
194	4	SOU194-089	Vanadium	2.89E+01	mg/kg	Avg	3.07E+01	value
194	4	SOU194-089	Cesium-137	8.53E-02	pCi/g	Avg	1.44E-01	value
194	4	SOU194-089	Uranium-238	9.53E-01	pCi/g	Avg	1.02E+00	value
194	4	SOU194-090	Aluminum	7.98E+03	mg/kg	Avg	8.50E+03	value
194	4	SOU194-090	Arsenic	6.97E+00	mg/kg	Grid Value	1.02E+01	value
194	4	SOU194-090	Beryllium	5.53E-01	mg/kg	Avg	5.87E-01	value
194	4	SOU194-090	Chromium	3.71E+01	mg/kg	Grid Value	5.59E+01	value
194	4	SOU194-090	Iron	1.70E+04	mg/kg	Grid Value	1.83E+04	value
194	4	SOU194-090	Manganese	3.31E+02	mg/kg	Grid Value	4.76E+02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	4	SOU194-090	Mercury	8.92E+00	mg/kg	Grid Value	8.92E+00	value
194	4	SOU194-090	Nickel	6.50E+01	mg/kg	Grid Value	8.15E+01	value
194	4	SOU194-090	Silver	1.16E+01	mg/kg	Grid Value	1.23E+01	value
194	4	SOU194-090	Total PAH	2.42E-02	mg/kg	Avg	2.85E-02	value
194	4	SOU194-090	Vanadium	2.89E+01	mg/kg	Avg	3.07E+01	value
194	4	SOU194-090	Cesium-137	8.53E-02	pCi/g	Avg	1.44E-01	value
194	4	SOU194-090	Uranium-238	9.53E-01	pCi/g	Avg	1.02E+00	value
194	5	SOU194-019	Aluminum	8.71E+03	mg/kg	Avg	9.38E+03	value
194	5	SOU194-019	Arsenic	7.68E+00	mg/kg	Grid Value	9.71E+00	value
194	5	SOU194-019	Beryllium	6.00E-01	mg/kg	Avg	6.26E-01	value
194	5	SOU194-019	Chromium	5.39E+01	mg/kg	Grid Value	5.54E+01	value
194	5	SOU194-019	Manganese	5.68E+02	mg/kg	Grid Value	1.39E+03	value
194	5	SOU194-019	Mercury	1.00E+01	mg/kg	Grid Value	8.69E+00	value
194	5	SOU194-019	Nickel	6.50E+01	mg/kg	Grid Value	7.56E+01	value
194	5	SOU194-019	Silver	1.00E+01	mg/kg	Grid Value	1.29E+01	value
194	5	SOU194-019	Total PAH	3.07E-01	mg/kg	Avg	4.50E-01	value
194	5	SOU194-019	Vanadium	2.99E+01	mg/kg	Avg	3.19E+01	value
194	5	SOU194-019	Uranium-238	1.08E+00	pCi/g	Avg	1.11E+00	value
194	5	SOU194-020	Aluminum	8.71E+03	mg/kg	Avg	9.38E+03	value
194	5	SOU194-020	Arsenic	7.91E+00	mg/kg	Grid Value	9.71E+00	value
194	5	SOU194-020	Beryllium	6.00E-01	mg/kg	Avg	6.26E-01	value
194	5	SOU194-020	Chromium	8.50E+01	mg/kg	Grid Value	5.54E+01	value
194	5	SOU194-020	Manganese	1.35E+02	mg/kg	Grid Value	1.39E+03	value
194	5	SOU194-020	Mercury	1.00E+01	mg/kg	Grid Value	8.69E+00	value
194	5	SOU194-020	Nickel	6.50E+01	mg/kg	Grid Value	7.56E+01	value
194	5	SOU194-020	Silver	1.00E+01	mg/kg	Grid Value	1.29E+01	value
194	5	SOU194-020	Total PAH	3.07E-01	mg/kg	Avg	4.50E-01	value
194	5	SOU194-020	Vanadium	2.99E+01	mg/kg	Avg	3.19E+01	value
194	5	SOU194-020	Uranium-238	1.08E+00	pCi/g	Avg	1.11E+00	value
194	5	SOU194-021	Aluminum	8.71E+03	mg/kg	Avg	9.38E+03	value
194	5	SOU194-021	Arsenic	6.82E+00	mg/kg	Grid Value	9.71E+00	value
194	5	SOU194-021	Beryllium	6.00E-01	mg/kg	Avg	6.26E-01	value
194	5	SOU194-021	Chromium	4.24E+01	mg/kg	Grid Value	5.54E+01	value
194	5	SOU194-021	Manganese	1.22E+02	mg/kg	Grid Value	1.39E+03	value
194	5	SOU194-021	Mercury	1.00E+01	mg/kg	Grid Value	8.69E+00	value
194	5	SOU194-021	Nickel	5.98E+01	mg/kg	Grid Value	7.56E+01	value
194	5	SOU194-021	Silver	1.00E+01	mg/kg	Grid Value	1.29E+01	value
194	5	SOU194-021	Total PAH	3.07E-01	mg/kg	Avg	4.50E-01	value
194	5	SOU194-021	Vanadium	2.99E+01	mg/kg	Avg	3.19E+01	value
194	5	SOU194-021	Uranium-238	1.08E+00	pCi/g	Avg	1.11E+00	value
194	5	SOU194-022	Aluminum	8.71E+03	mg/kg	Avg	9.38E+03	value
194	5	SOU194-022	Arsenic	8.30E+00	mg/kg	Grid Value	9.71E+00	value
194	5	SOU194-022	Beryllium	6.00E-01	mg/kg	Avg	6.26E-01	value
194	5	SOU194-022	Chromium	8.50E+01	mg/kg	Grid Value	5.54E+01	value
194	5	SOU194-022	Manganese	4.57E+02	mg/kg	Grid Value	1.39E+03	value
194	5	SOU194-022	Mercury	1.00E+01	mg/kg	Grid Value	8.69E+00	value
194	5	SOU194-022	Nickel	6.50E+01	mg/kg	Grid Value	7.56E+01	value
194	5	SOU194-022	Silver	1.00E+01	mg/kg	Grid Value	1.29E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	5	SOU194-022	Total PAH	3.07E-01	mg/kg	Avg	4.50E-01	value
194	5	SOU194-022	Vanadium	2.99E+01	mg/kg	Avg	3.19E+01	value
194	5	SOU194-022	Uranium-238	1.08E+00	pCi/g	Avg	1.11E+00	value
194	5	SOU194-023	Aluminum	8.71E+03	mg/kg	Avg	9.38E+03	value
194	5	SOU194-023	Arsenic	1.10E+01	mg/kg	Grid Value	9.71E+00	value
194	5	SOU194-023	Beryllium	6.00E-01	mg/kg	Avg	6.26E-01	value
194	5	SOU194-023	Chromium	3.80E+01	mg/kg	Grid Value	5.54E+01	value
194	5	SOU194-023	Manganese	1.16E+02	mg/kg	Grid Value	1.39E+03	value
194	5	SOU194-023	Mercury	1.00E+01	mg/kg	Grid Value	8.69E+00	value
194	5	SOU194-023	Nickel	6.50E+01	mg/kg	Grid Value	7.56E+01	value
194	5	SOU194-023	Silver	1.00E+01	mg/kg	Grid Value	1.29E+01	value
194	5	SOU194-023	Total PAH	3.07E-01	mg/kg	Avg	4.50E-01	value
194	5	SOU194-023	Vanadium	2.99E+01	mg/kg	Avg	3.19E+01	value
194	5	SOU194-023	Uranium-238	1.08E+00	pCi/g	Avg	1.11E+00	value
194	5	SOU194-043	Aluminum	8.71E+03	mg/kg	Avg	9.38E+03	value
194	5	SOU194-043	Arsenic	1.10E+01	mg/kg	Grid Value	9.71E+00	value
194	5	SOU194-043	Beryllium	6.00E-01	mg/kg	Avg	6.26E-01	value
194	5	SOU194-043	Chromium	8.50E+01	mg/kg	Grid Value	5.54E+01	value
194	5	SOU194-043	Manganese	1.98E+02	mg/kg	Grid Value	1.39E+03	value
194	5	SOU194-043	Mercury	1.00E+01	mg/kg	Grid Value	8.69E+00	value
194	5	SOU194-043	Nickel	6.50E+01	mg/kg	Grid Value	7.56E+01	value
194	5	SOU194-043	Silver	1.21E+01	mg/kg	Grid Value	1.29E+01	value
194	5	SOU194-043	Total PAH	3.07E-01	mg/kg	Avg	4.50E-01	value
194	5	SOU194-043	Vanadium	2.99E+01	mg/kg	Avg	3.19E+01	value
194	5	SOU194-043	Uranium-238	1.08E+00	pCi/g	Avg	1.11E+00	value
194	5	SOU194-044	Aluminum	8.71E+03	mg/kg	Avg	9.38E+03	value
194	5	SOU194-044	Arsenic	5.30E+00	mg/kg	Grid Value	9.71E+00	value
194	5	SOU194-044	Beryllium	6.00E-01	mg/kg	Avg	6.26E-01	value
194	5	SOU194-044	Chromium	8.50E+01	mg/kg	Grid Value	5.54E+01	value
194	5	SOU194-044	Manganese	3.07E+02	mg/kg	Grid Value	1.39E+03	value
194	5	SOU194-044	Mercury	1.00E+01	mg/kg	Grid Value	8.69E+00	value
194	5	SOU194-044	Nickel	6.50E+01	mg/kg	Grid Value	7.56E+01	value
194	5	SOU194-044	Silver	1.00E+01	mg/kg	Grid Value	1.29E+01	value
194	5	SOU194-044	Total PAH	3.07E-01	mg/kg	Avg	4.50E-01	value
194	5	SOU194-044	Vanadium	2.99E+01	mg/kg	Avg	3.19E+01	value
194	5	SOU194-044	Uranium-238	1.08E+00	pCi/g	Avg	1.11E+00	value
194	5	SOU194-045	Aluminum	8.71E+03	mg/kg	Avg	9.38E+03	value
194	5	SOU194-045	Arsenic	6.85E+00	mg/kg	Grid Value	9.71E+00	value
194	5	SOU194-045	Beryllium	6.00E-01	mg/kg	Avg	6.26E-01	value
194	5	SOU194-045	Chromium	8.50E+01	mg/kg	Grid Value	5.54E+01	value
194	5	SOU194-045	Manganese	1.76E+02	mg/kg	Grid Value	1.39E+03	value
194	5	SOU194-045	Mercury	1.00E+01	mg/kg	Grid Value	8.69E+00	value
194	5	SOU194-045	Nickel	6.50E+01	mg/kg	Grid Value	7.56E+01	value
194	5	SOU194-045	Silver	1.00E+01	mg/kg	Grid Value	1.29E+01	value
194	5	SOU194-045	Total PAH	3.07E-01	mg/kg	Avg	4.50E-01	value
194	5	SOU194-045	Vanadium	2.99E+01	mg/kg	Avg	3.19E+01	value
194	5	SOU194-045	Uranium-238	1.08E+00	pCi/g	Avg	1.11E+00	value
194	5	SOU194-046	Aluminum	8.71E+03	mg/kg	Avg	9.38E+03	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	5	SOU194-046	Arsenic	1.10E+01	mg/kg	Grid Value	9.71E+00	value
194	5	SOU194-046	Beryllium	6.00E-01	mg/kg	Avg	6.26E-01	value
194	5	SOU194-046	Chromium	3.82E+01	mg/kg	Grid Value	5.54E+01	value
194	5	SOU194-046	Manganese	1.14E+02	mg/kg	Grid Value	1.39E+03	value
194	5	SOU194-046	Mercury	1.00E+01	mg/kg	Grid Value	8.69E+00	value
194	5	SOU194-046	Nickel	6.50E+01	mg/kg	Grid Value	7.56E+01	value
194	5	SOU194-046	Silver	1.00E+01	mg/kg	Grid Value	1.29E+01	value
194	5	SOU194-046	Total PAH	3.07E-01	mg/kg	Avg	4.50E-01	value
194	5	SOU194-046	Vanadium	2.99E+01	mg/kg	Avg	3.19E+01	value
194	5	SOU194-046	Uranium-238	1.08E+00	pCi/g	Avg	1.11E+00	value
194	5	SOU194-047	Aluminum	8.71E+03	mg/kg	Avg	9.38E+03	value
194	5	SOU194-047	Arsenic	1.10E+01	mg/kg	Grid Value	9.71E+00	value
194	5	SOU194-047	Beryllium	6.00E-01	mg/kg	Avg	6.26E-01	value
194	5	SOU194-047	Chromium	3.68E+01	mg/kg	Grid Value	5.54E+01	value
194	5	SOU194-047	Manganese	2.81E+02	mg/kg	Grid Value	1.39E+03	value
194	5	SOU194-047	Mercury	1.00E+01	mg/kg	Grid Value	8.69E+00	value
194	5	SOU194-047	Nickel	6.50E+01	mg/kg	Grid Value	7.56E+01	value
194	5	SOU194-047	Silver	9.74E+00	mg/kg	Grid Value	1.29E+01	value
194	5	SOU194-047	Total PAH	3.07E-01	mg/kg	Avg	4.50E-01	value
194	5	SOU194-047	Vanadium	2.99E+01	mg/kg	Avg	3.19E+01	value
194	5	SOU194-047	Uranium-238	1.08E+00	pCi/g	Avg	1.11E+00	value
194	5	SOU194-067	Aluminum	8.71E+03	mg/kg	Avg	9.38E+03	value
194	5	SOU194-067	Arsenic	1.10E+01	mg/kg	Grid Value	9.71E+00	value
194	5	SOU194-067	Beryllium	6.00E-01	mg/kg	Avg	6.26E-01	value
194	5	SOU194-067	Chromium	3.41E+01	mg/kg	Grid Value	5.54E+01	value
194	5	SOU194-067	Manganese	4.06E+02	mg/kg	Grid Value	1.39E+03	value
194	5	SOU194-067	Mercury	1.00E+01	mg/kg	Grid Value	8.69E+00	value
194	5	SOU194-067	Nickel	6.50E+01	mg/kg	Grid Value	7.56E+01	value
194	5	SOU194-067	Silver	1.00E+01	mg/kg	Grid Value	1.29E+01	value
194	5	SOU194-067	Total PAH	3.07E-01	mg/kg	Avg	4.50E-01	value
194	5	SOU194-067	Vanadium	2.99E+01	mg/kg	Avg	3.19E+01	value
194	5	SOU194-067	Uranium-238	1.08E+00	pCi/g	Avg	1.11E+00	value
194	5	SOU194-068	Aluminum	8.71E+03	mg/kg	Avg	9.38E+03	value
194	5	SOU194-068	Arsenic	1.35E+01	mg/kg	Grid Value	9.71E+00	value
194	5	SOU194-068	Beryllium	6.00E-01	mg/kg	Avg	6.26E-01	value
194	5	SOU194-068	Chromium	4.14E+01	mg/kg	Grid Value	5.54E+01	value
194	5	SOU194-068	Manganese	2.10E+02	mg/kg	Grid Value	1.39E+03	value
194	5	SOU194-068	Mercury	1.00E+01	mg/kg	Grid Value	8.69E+00	value
194	5	SOU194-068	Nickel	6.50E+01	mg/kg	Grid Value	7.56E+01	value
194	5	SOU194-068	Silver	1.00E+01	mg/kg	Grid Value	1.29E+01	value
194	5	SOU194-068	Total PAH	3.07E-01	mg/kg	Avg	4.50E-01	value
194	5	SOU194-068	Vanadium	2.99E+01	mg/kg	Avg	3.19E+01	value
194	5	SOU194-068	Uranium-238	1.08E+00	pCi/g	Avg	1.11E+00	value
194	5	SOU194-069	Aluminum	5.38E+03	mg/kg	Grid Value	9.38E+03	value
194	5	SOU194-069	Arsenic	4.00E+00	mg/kg	Grid Value	9.71E+00	value
194	5	SOU194-069	Beryllium	3.80E-01	mg/kg	Grid Value	6.26E-01	value
194	5	SOU194-069	Chromium	8.80E+00	mg/kg	Grid Value	5.54E+01	value
194	5	SOU194-069	Manganese	3.41E+02	mg/kg	Grid Value	1.39E+03	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	5	SOU194-069	Mercury	2.71E-02	mg/kg	Grid Value	8.69E+00	value
194	5	SOU194-069	Nickel	6.40E+00	mg/kg	Grid Value	7.56E+01	value
194	5	SOU194-069	Silver	4.80E-02	mg/kg	Grid Value	1.29E+01	value
194	5	SOU194-069	Total PAH	2.37E-02	mg/kg	Grid Value	4.50E-01	value
194	5	SOU194-069	Vanadium	1.75E+01	mg/kg	Grid Value	3.19E+01	value
194	5	SOU194-069	Uranium-238	1.38E+00	pCi/g	Grid Value	1.11E+00	value
194	5	SOU194-070	Aluminum	8.71E+03	mg/kg	Avg	9.38E+03	value
194	5	SOU194-070	Arsenic	5.79E+00	mg/kg	Grid Value	9.71E+00	value
194	5	SOU194-070	Beryllium	6.00E-01	mg/kg	Avg	6.26E-01	value
194	5	SOU194-070	Chromium	8.50E+01	mg/kg	Grid Value	5.54E+01	value
194	5	SOU194-070	Manganese	2.73E+02	mg/kg	Grid Value	1.39E+03	value
194	5	SOU194-070	Mercury	1.00E+01	mg/kg	Grid Value	8.69E+00	value
194	5	SOU194-070	Nickel	6.50E+01	mg/kg	Grid Value	7.56E+01	value
194	5	SOU194-070	Silver	1.00E+01	mg/kg	Grid Value	1.29E+01	value
194	5	SOU194-070	Total PAH	3.07E-01	mg/kg	Avg	4.50E-01	value
194	5	SOU194-070	Vanadium	2.99E+01	mg/kg	Avg	3.19E+01	value
194	5	SOU194-070	Uranium-238	1.08E+00	pCi/g	Avg	1.11E+00	value
194	5	SOU194-071	Aluminum	8.71E+03	mg/kg	Avg	9.38E+03	value
194	5	SOU194-071	Arsenic	1.10E+01	mg/kg	Grid Value	9.71E+00	value
194	5	SOU194-071	Beryllium	6.00E-01	mg/kg	Avg	6.26E-01	value
194	5	SOU194-071	Chromium	4.58E+01	mg/kg	Grid Value	5.54E+01	value
194	5	SOU194-071	Manganese	3.41E+02	mg/kg	Grid Value	1.39E+03	value
194	5	SOU194-071	Mercury	1.00E+01	mg/kg	Grid Value	8.69E+00	value
194	5	SOU194-071	Nickel	6.50E+01	mg/kg	Grid Value	7.56E+01	value
194	5	SOU194-071	Silver	1.00E+01	mg/kg	Grid Value	1.29E+01	value
194	5	SOU194-071	Total PAH	3.07E-01	mg/kg	Avg	4.50E-01	value
194	5	SOU194-071	Vanadium	2.99E+01	mg/kg	Avg	3.19E+01	value
194	5	SOU194-071	Uranium-238	1.08E+00	pCi/g	Avg	1.11E+00	value
194	5	SOU194-091	Aluminum	6.94E+03	mg/kg	Grid Value	9.38E+03	value
194	5	SOU194-091	Arsenic	7.69E+00	mg/kg	Grid Value	9.71E+00	value
194	5	SOU194-091	Beryllium	8.00E-01	mg/kg	Grid Value	6.26E-01	value
194	5	SOU194-091	Chromium	1.67E+01	mg/kg	Grid Value	5.54E+01	value
194	5	SOU194-091	Manganese	6.91E+02	mg/kg	Grid Value	1.39E+03	value
194	5	SOU194-091	Mercury	1.00E-01	mg/kg	Grid Value	8.69E+00	value
194	5	SOU194-091	Nickel	7.56E+01	mg/kg	Grid Value	7.56E+01	value
194	5	SOU194-091	Silver	1.15E+01	mg/kg	Grid Value	1.29E+01	value
194	5	SOU194-091	Total PAH	4.20E-01	mg/kg	Grid Value	4.50E-01	value
194	5	SOU194-091	Vanadium	2.08E+01	mg/kg	Grid Value	3.19E+01	value
194	5	SOU194-091	Uranium-238	1.08E+00	pCi/g	Avg	1.11E+00	value
194	5	SOU194-092	Aluminum	7.30E+03	mg/kg	Grid Value	9.38E+03	value
194	5	SOU194-092	Arsenic	8.30E+00	mg/kg	Grid Value	9.71E+00	value
194	5	SOU194-092	Beryllium	6.00E-01	mg/kg	Grid Value	6.26E-01	value
194	5	SOU194-092	Chromium	3.72E+01	mg/kg	Grid Value	5.54E+01	value
194	5	SOU194-092	Manganese	1.07E+03	mg/kg	Grid Value	1.39E+03	value
194	5	SOU194-092	Mercury	1.82E-02	mg/kg	Grid Value	8.69E+00	value
194	5	SOU194-092	Nickel	6.82E+01	mg/kg	Grid Value	7.56E+01	value
194	5	SOU194-092	Silver	1.20E-01	mg/kg	Grid Value	1.29E+01	value
194	5	SOU194-092	Total PAH	7.78E-01	mg/kg	Grid Value	4.50E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	5	SOU194-092	Vanadium	4.52E+01	mg/kg	Grid Value	3.19E+01	value
194	5	SOU194-092	Uranium-238	8.30E-01	pCi/g	Grid Value	1.11E+00	value
194	5	SOU194-093	Aluminum	8.71E+03	mg/kg	Avg	9.38E+03	value
194	5	SOU194-093	Arsenic	1.10E+01	mg/kg	Grid Value	9.71E+00	value
194	5	SOU194-093	Beryllium	6.00E-01	mg/kg	Avg	6.26E-01	value
194	5	SOU194-093	Chromium	4.12E+01	mg/kg	Grid Value	5.54E+01	value
194	5	SOU194-093	Manganese	2.99E+02	mg/kg	Grid Value	1.39E+03	value
194	5	SOU194-093	Mercury	1.00E+01	mg/kg	Grid Value	8.69E+00	value
194	5	SOU194-093	Nickel	6.50E+01	mg/kg	Grid Value	7.56E+01	value
194	5	SOU194-093	Silver	1.06E+01	mg/kg	Grid Value	1.29E+01	value
194	5	SOU194-093	Total PAH	3.07E-01	mg/kg	Avg	4.50E-01	value
194	5	SOU194-093	Vanadium	2.99E+01	mg/kg	Avg	3.19E+01	value
194	5	SOU194-093	Uranium-238	1.08E+00	pCi/g	Avg	1.11E+00	value
194	5	SOU194-094	Aluminum	8.71E+03	mg/kg	Avg	9.38E+03	value
194	5	SOU194-094	Arsenic	9.26E+00	mg/kg	Grid Value	9.71E+00	value
194	5	SOU194-094	Beryllium	6.00E-01	mg/kg	Avg	6.26E-01	value
194	5	SOU194-094	Chromium	8.50E+01	mg/kg	Grid Value	5.54E+01	value
194	5	SOU194-094	Manganese	2.50E+02	mg/kg	Grid Value	1.39E+03	value
194	5	SOU194-094	Mercury	8.69E+00	mg/kg	Grid Value	8.69E+00	value
194	5	SOU194-094	Nickel	6.38E+01	mg/kg	Grid Value	7.56E+01	value
194	5	SOU194-094	Silver	1.55E+01	mg/kg	Grid Value	1.29E+01	value
194	5	SOU194-094	Total PAH	3.07E-01	mg/kg	Avg	4.50E-01	value
194	5	SOU194-094	Vanadium	2.99E+01	mg/kg	Avg	3.19E+01	value
194	5	SOU194-094	Uranium-238	1.08E+00	pCi/g	Avg	1.11E+00	value
194	5	SOU194-095	Aluminum	1.52E+04	mg/kg	Grid Value	9.38E+03	value
194	5	SOU194-095	Arsenic	6.80E+00	mg/kg	Grid Value	9.71E+00	value
194	5	SOU194-095	Beryllium	6.20E-01	mg/kg	Grid Value	6.26E-01	value
194	5	SOU194-095	Chromium	5.54E+01	mg/kg	Grid Value	5.54E+01	value
194	5	SOU194-095	Manganese	4.15E+03	mg/kg	Grid Value	1.39E+03	value
194	5	SOU194-095	Mercury	4.19E-02	mg/kg	Grid Value	8.69E+00	value
194	5	SOU194-095	Nickel	1.35E+01	mg/kg	Grid Value	7.56E+01	value
194	5	SOU194-095	Silver	4.30E-02	mg/kg	Grid Value	1.29E+01	value
194	5	SOU194-095	Total PAH	8.30E-03	mg/kg	Grid Value	4.50E-01	value
194	5	SOU194-095	Vanadium	3.61E+01	mg/kg	Grid Value	3.19E+01	value
194	5	SOU194-095	Uranium-238	1.02E+00	pCi/g	Grid Value	1.11E+00	value
194	6	SOU194-024	Manganese	1.47E+02	mg/kg	Grid Value	1.37E+03	value
194	6	SOU194-024	Nickel	6.50E+01	mg/kg	Grid Value	6.98E+01	value
194	6	SOU194-024	Silver	1.00E+01	mg/kg	Grid Value	9.89E+00	value
194	6	SOU194-024	Uranium-238	1.06E+00	pCi/g	Avg	1.12E+00	value
194	6	SOU194-025	Manganese	1.19E+02	mg/kg	Grid Value	1.37E+03	value
194	6	SOU194-025	Nickel	6.50E+01	mg/kg	Grid Value	6.98E+01	value
194	6	SOU194-025	Silver	9.89E+00	mg/kg	Grid Value	9.89E+00	value
194	6	SOU194-025	Uranium-238	1.06E+00	pCi/g	Avg	1.12E+00	value
194	6	SOU194-026	Manganese	8.24E+02	mg/kg	Avg	1.37E+03	value
194	6	SOU194-026	Nickel	6.11E+01	mg/kg	Avg	6.98E+01	value
194	6	SOU194-026	Silver	7.50E+00	mg/kg	Avg	9.89E+00	value
194	6	SOU194-026	Uranium-238	1.06E+00	pCi/g	Avg	1.12E+00	value
194	6	SOU194-048	Manganese	2.81E+03	mg/kg	Grid Value	1.37E+03	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	6	SOU194-048	Nickel	1.21E+01	mg/kg	Grid Value	6.98E+01	value
194	6	SOU194-048	Silver	4.50E-02	mg/kg	Grid Value	9.89E+00	value
194	6	SOU194-048	Uranium-238	8.00E-01	pCi/g	Grid Value	1.12E+00	value
194	6	SOU194-049	Manganese	2.67E+02	mg/kg	Grid Value	1.37E+03	value
194	6	SOU194-049	Nickel	6.50E+01	mg/kg	Grid Value	6.98E+01	value
194	6	SOU194-049	Silver	1.00E+01	mg/kg	Grid Value	9.89E+00	value
194	6	SOU194-049	Uranium-238	1.06E+00	pCi/g	Avg	1.12E+00	value
194	6	SOU194-050	Manganese	8.24E+02	mg/kg	Avg	1.37E+03	value
194	6	SOU194-050	Nickel	6.11E+01	mg/kg	Avg	6.98E+01	value
194	6	SOU194-050	Silver	7.50E+00	mg/kg	Avg	9.89E+00	value
194	6	SOU194-050	Uranium-238	1.06E+00	pCi/g	Avg	1.12E+00	value
194	6	SOU194-072	Manganese	8.98E+02	mg/kg	Grid Value	1.37E+03	value
194	6	SOU194-072	Nickel	6.50E+01	mg/kg	Grid Value	6.98E+01	value
194	6	SOU194-072	Silver	1.00E+01	mg/kg	Grid Value	9.89E+00	value
194	6	SOU194-072	Uranium-238	1.06E+00	pCi/g	Avg	1.12E+00	value
194	6	SOU194-073	Manganese	3.00E+02	mg/kg	Grid Value	1.37E+03	value
194	6	SOU194-073	Nickel	5.89E+01	mg/kg	Grid Value	6.98E+01	value
194	6	SOU194-073	Silver	3.50E-02	mg/kg	Grid Value	9.89E+00	value
194	6	SOU194-073	Uranium-238	1.32E+00	pCi/g	Grid Value	1.12E+00	value
194	6	SOU194-074	Manganese	8.24E+02	mg/kg	Avg	1.37E+03	value
194	6	SOU194-074	Nickel	6.11E+01	mg/kg	Avg	6.98E+01	value
194	6	SOU194-074	Silver	7.50E+00	mg/kg	Avg	9.89E+00	value
194	6	SOU194-074	Uranium-238	1.06E+00	pCi/g	Avg	1.12E+00	value
194	6	SOU194-096	Manganese	3.48E+02	mg/kg	Grid Value	1.37E+03	value
194	6	SOU194-096	Nickel	7.73E+01	mg/kg	Grid Value	6.98E+01	value
194	6	SOU194-096	Silver	1.00E+01	mg/kg	Grid Value	9.89E+00	value
194	6	SOU194-096	Uranium-238	1.06E+00	pCi/g	Avg	1.12E+00	value
194	6	SOU194-097	Manganese	1.70E+03	mg/kg	Grid Value	1.37E+03	value
194	6	SOU194-097	Nickel	8.06E+01	mg/kg	Grid Value	6.98E+01	value
194	6	SOU194-097	Silver	1.00E+01	mg/kg	Grid Value	9.89E+00	value
194	6	SOU194-097	Uranium-238	1.06E+00	pCi/g	Avg	1.12E+00	value
194	6	SOU194-098	Manganese	8.24E+02	mg/kg	Avg	1.37E+03	value
194	6	SOU194-098	Nickel	6.11E+01	mg/kg	Avg	6.98E+01	value
194	6	SOU194-098	Silver	7.50E+00	mg/kg	Avg	9.89E+00	value
194	6	SOU194-098	Uranium-238	1.06E+00	pCi/g	Avg	1.12E+00	value
194	7	SOU194-099	Arsenic	1.10E+01	mg/kg	Grid Value	1.02E+01	value
194	7	SOU194-099	Chromium	8.50E+01	mg/kg	Grid Value	5.32E+01	value
194	7	SOU194-099	Manganese	1.47E+02	mg/kg	Grid Value	7.86E+02	value
194	7	SOU194-099	Nickel	6.50E+01	mg/kg	Grid Value	7.71E+01	value
194	7	SOU194-099	Silver	1.00E+01	mg/kg	Grid Value	1.25E+01	value
194	7	SOU194-100	Arsenic	9.37E+00	mg/kg	Avg	1.02E+01	value
194	7	SOU194-100	Chromium	4.94E+01	mg/kg	Avg	5.32E+01	value
194	7	SOU194-100	Manganese	6.26E+02	mg/kg	Avg	7.86E+02	value
194	7	SOU194-100	Nickel	5.68E+01	mg/kg	Avg	7.71E+01	value
194	7	SOU194-100	Silver	9.56E+00	mg/kg	Avg	1.25E+01	value
194	7	SOU194-101	Arsenic	9.37E+00	mg/kg	Avg	1.02E+01	value
194	7	SOU194-101	Chromium	4.94E+01	mg/kg	Avg	5.32E+01	value
194	7	SOU194-101	Manganese	6.26E+02	mg/kg	Avg	7.86E+02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	7	SOU194-101	Nickel	5.68E+01	mg/kg	Avg	7.71E+01	value
194	7	SOU194-101	Silver	9.56E+00	mg/kg	Avg	1.25E+01	value
194	7	SOU194-102	Arsenic	9.34E+00	mg/kg	Grid Value	1.02E+01	value
194	7	SOU194-102	Chromium	8.50E+01	mg/kg	Grid Value	5.32E+01	value
194	7	SOU194-102	Manganese	5.83E+02	mg/kg	Grid Value	7.86E+02	value
194	7	SOU194-102	Nickel	6.50E+01	mg/kg	Grid Value	7.71E+01	value
194	7	SOU194-102	Silver	1.00E+01	mg/kg	Grid Value	1.25E+01	value
194	7	SOU194-123	Arsenic	1.10E+01	mg/kg	Grid Value	1.02E+01	value
194	7	SOU194-123	Chromium	4.48E+01	mg/kg	Grid Value	5.32E+01	value
194	7	SOU194-123	Manganese	2.42E+02	mg/kg	Grid Value	7.86E+02	value
194	7	SOU194-123	Nickel	6.50E+01	mg/kg	Grid Value	7.71E+01	value
194	7	SOU194-123	Silver	1.00E+01	mg/kg	Grid Value	1.25E+01	value
194	7	SOU194-124	Arsenic	1.10E+01	mg/kg	Grid Value	1.02E+01	value
194	7	SOU194-124	Chromium	4.56E+01	mg/kg	Grid Value	5.32E+01	value
194	7	SOU194-124	Manganese	5.13E+02	mg/kg	Grid Value	7.86E+02	value
194	7	SOU194-124	Nickel	6.50E+01	mg/kg	Grid Value	7.71E+01	value
194	7	SOU194-124	Silver	1.00E+01	mg/kg	Grid Value	1.25E+01	value
194	7	SOU194-125	Arsenic	1.10E+01	mg/kg	Grid Value	1.02E+01	value
194	7	SOU194-125	Chromium	4.07E+01	mg/kg	Grid Value	5.32E+01	value
194	7	SOU194-125	Manganese	4.74E+02	mg/kg	Grid Value	7.86E+02	value
194	7	SOU194-125	Nickel	6.50E+01	mg/kg	Grid Value	7.71E+01	value
194	7	SOU194-125	Silver	1.00E+01	mg/kg	Grid Value	1.25E+01	value
194	7	SOU194-126	Arsenic	1.08E+01	mg/kg	Grid Value	1.02E+01	value
194	7	SOU194-126	Chromium	3.43E+01	mg/kg	Grid Value	5.32E+01	value
194	7	SOU194-126	Manganese	9.31E+02	mg/kg	Grid Value	7.86E+02	value
194	7	SOU194-126	Nickel	6.40E+00	mg/kg	Grid Value	7.71E+01	value
194	7	SOU194-126	Silver	1.35E+01	mg/kg	Grid Value	1.25E+01	value
194	7	SOU194-148	Arsenic	1.09E+01	mg/kg	Grid Value	1.02E+01	value
194	7	SOU194-148	Chromium	3.50E+01	mg/kg	Grid Value	5.32E+01	value
194	7	SOU194-148	Manganese	1.13E+03	mg/kg	Grid Value	7.86E+02	value
194	7	SOU194-148	Nickel	6.50E+01	mg/kg	Grid Value	7.71E+01	value
194	7	SOU194-148	Silver	1.00E+01	mg/kg	Grid Value	1.25E+01	value
194	7	SOU194-149	Arsenic	6.76E+00	mg/kg	Grid Value	1.02E+01	value
194	7	SOU194-149	Chromium	3.46E+01	mg/kg	Grid Value	5.32E+01	value
194	7	SOU194-149	Manganese	2.32E+02	mg/kg	Grid Value	7.86E+02	value
194	7	SOU194-149	Nickel	5.86E+01	mg/kg	Grid Value	7.71E+01	value
194	7	SOU194-149	Silver	1.00E+01	mg/kg	Grid Value	1.25E+01	value
194	7	SOU194-150	Arsenic	5.88E+00	mg/kg	Grid Value	1.02E+01	value
194	7	SOU194-150	Chromium	4.11E+01	mg/kg	Grid Value	5.32E+01	value
194	7	SOU194-150	Manganese	5.44E+02	mg/kg	Grid Value	7.86E+02	value
194	7	SOU194-150	Nickel	6.50E+01	mg/kg	Grid Value	7.71E+01	value
194	7	SOU194-150	Silver	1.00E+01	mg/kg	Grid Value	1.25E+01	value
194	7	SOU194-151	Arsenic	1.03E+01	mg/kg	Grid Value	1.02E+01	value
194	7	SOU194-151	Chromium	3.89E+01	mg/kg	Grid Value	5.32E+01	value
194	7	SOU194-151	Manganese	6.81E+02	mg/kg	Grid Value	7.86E+02	value
194	7	SOU194-151	Nickel	6.50E+01	mg/kg	Grid Value	7.71E+01	value
194	7	SOU194-151	Silver	1.03E+01	mg/kg	Grid Value	1.25E+01	value
194	7	SOU194-176	Arsenic	7.70E+00	mg/kg	Grid Value	1.02E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	7	SOU194-176	Chromium	3.29E+01	mg/kg	Grid Value	5.32E+01	value
194	7	SOU194-176	Manganese	1.41E+03	mg/kg	Grid Value	7.86E+02	value
194	7	SOU194-176	Nickel	7.90E+00	mg/kg	Grid Value	7.71E+01	value
194	7	SOU194-176	Silver	3.40E-02	mg/kg	Grid Value	1.25E+01	value
194	7	SOU194-177	Arsenic	9.68E+00	mg/kg	Grid Value	1.02E+01	value
194	7	SOU194-177	Chromium	8.50E+01	mg/kg	Grid Value	5.32E+01	value
194	7	SOU194-177	Manganese	4.32E+02	mg/kg	Grid Value	7.86E+02	value
194	7	SOU194-177	Nickel	6.50E+01	mg/kg	Grid Value	7.71E+01	value
194	7	SOU194-177	Silver	1.00E+01	mg/kg	Grid Value	1.25E+01	value
194	7	SOU194-178	Arsenic	8.29E+00	mg/kg	Grid Value	1.02E+01	value
194	7	SOU194-178	Chromium	5.32E+01	mg/kg	Grid Value	5.32E+01	value
194	7	SOU194-178	Manganese	1.17E+03	mg/kg	Grid Value	7.86E+02	value
194	7	SOU194-178	Nickel	5.98E+01	mg/kg	Grid Value	7.71E+01	value
194	7	SOU194-178	Silver	1.00E+01	mg/kg	Grid Value	1.25E+01	value
194	7	SOU194-179	Arsenic	7.46E+00	mg/kg	Grid Value	1.02E+01	value
194	7	SOU194-179	Chromium	3.60E+01	mg/kg	Grid Value	5.32E+01	value
194	7	SOU194-179	Manganese	2.72E+02	mg/kg	Grid Value	7.86E+02	value
194	7	SOU194-179	Nickel	7.71E+01	mg/kg	Grid Value	7.71E+01	value
194	7	SOU194-179	Silver	1.00E+01	mg/kg	Grid Value	1.25E+01	value
194	8	SOU194-103	Antimony	5.40E-01	mg/kg	Avg	5.58E-01	value
194	8	SOU194-103	Arsenic	1.09E+01	mg/kg	Grid Value	1.09E+01	value
194	8	SOU194-103	ethylhexyl)phthalate	1.50E+01	mg/kg	Avg	1.50E+01	value
194	8	SOU194-103	Chromium	4.37E+01	mg/kg	Grid Value	6.09E+01	value
194	8	SOU194-103	Cobalt	1.18E+01	mg/kg	Avg	1.33E+01	value
194	8	SOU194-103	Manganese	1.82E+03	mg/kg	Grid Value	1.33E+03	value
194	8	SOU194-103	Nickel	6.01E+01	mg/kg	Grid Value	6.01E+01	value
194	8	SOU194-103	Total PAH	2.47E-01	mg/kg	Avg	3.74E-01	value
194	8	SOU194-103	Cesium-137	1.84E-01	pCi/g	Avg	2.78E-01	value
194	8	SOU194-103	Uranium-238	1.12E+00	pCi/g	Avg	1.18E+00	value
194	8	SOU194-104	Antimony	6.20E-01	mg/kg	Grid Value	5.58E-01	value
194	8	SOU194-104	Arsenic	8.60E+00	mg/kg	Grid Value	1.09E+01	value
194	8	SOU194-104	ethylhexyl)phthalate	1.50E+01	mg/kg	Avg	1.50E+01	value
194	8	SOU194-104	Chromium	1.34E+01	mg/kg	Grid Value	6.09E+01	value
194	8	SOU194-104	Cobalt	1.87E+01	mg/kg	Grid Value	1.33E+01	value
194	8	SOU194-104	Manganese	2.81E+03	mg/kg	Grid Value	1.33E+03	value
194	8	SOU194-104	Nickel	1.26E+01	mg/kg	Grid Value	6.01E+01	value
194	8	SOU194-104	Total PAH	8.00E-03	mg/kg	Grid Value	3.74E-01	value
194	8	SOU194-104	Cesium-137	7.00E-03	pCi/g	Grid Value	2.78E-01	value
194	8	SOU194-104	Uranium-238	8.50E-01	pCi/g	Grid Value	1.18E+00	value
194	8	SOU194-127	Antimony	5.40E-01	mg/kg	Avg	5.58E-01	value
194	8	SOU194-127	Arsenic	9.79E+00	mg/kg	Avg	1.09E+01	value
194	8	SOU194-127	ethylhexyl)phthalate	1.50E+01	mg/kg	Avg	1.50E+01	value
194	8	SOU194-127	Chromium	4.56E+01	mg/kg	Avg	6.09E+01	value
194	8	SOU194-127	Cobalt	1.18E+01	mg/kg	Avg	1.33E+01	value
194	8	SOU194-127	Manganese	9.00E+02	mg/kg	Avg	1.33E+03	value
194	8	SOU194-127	Nickel	5.22E+01	mg/kg	Avg	6.01E+01	value
194	8	SOU194-127	Total PAH	2.47E-01	mg/kg	Avg	3.74E-01	value
194	8	SOU194-127	Cesium-137	1.84E-01	pCi/g	Avg	2.78E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	8	SOU194-127	Uranium-238	1.12E+00	pCi/g	Avg	1.18E+00	value
194	8	SOU194-128	Antimony	5.40E-01	mg/kg	Avg	5.58E-01	value
194	8	SOU194-128	Arsenic	9.79E+00	mg/kg	Avg	1.09E+01	value
194	8	SOU194-128	ethylhexyl)phthalate	1.50E+01	mg/kg	Avg	1.50E+01	value
194	8	SOU194-128	Chromium	4.56E+01	mg/kg	Avg	6.09E+01	value
194	8	SOU194-128	Cobalt	1.18E+01	mg/kg	Avg	1.33E+01	value
194	8	SOU194-128	Manganese	9.00E+02	mg/kg	Avg	1.33E+03	value
194	8	SOU194-128	Nickel	5.22E+01	mg/kg	Avg	6.01E+01	value
194	8	SOU194-128	Total PAH	2.47E-01	mg/kg	Avg	3.74E-01	value
194	8	SOU194-128	Cesium-137	1.84E-01	pCi/g	Avg	2.78E-01	value
194	8	SOU194-128	Uranium-238	1.12E+00	pCi/g	Avg	1.18E+00	value
194	8	SOU194-152	Antimony	5.40E-01	mg/kg	Avg	5.58E-01	value
194	8	SOU194-152	Arsenic	1.40E+01	mg/kg	Grid Value	1.09E+01	value
194	8	SOU194-152	ethylhexyl)phthalate	1.50E+01	mg/kg	Avg	1.50E+01	value
194	8	SOU194-152	Chromium	6.09E+01	mg/kg	Grid Value	6.09E+01	value
194	8	SOU194-152	Cobalt	1.18E+01	mg/kg	Avg	1.33E+01	value
194	8	SOU194-152	Manganese	5.37E+02	mg/kg	Grid Value	1.33E+03	value
194	8	SOU194-152	Nickel	6.50E+01	mg/kg	Grid Value	6.01E+01	value
194	8	SOU194-152	Total PAH	2.47E-01	mg/kg	Avg	3.74E-01	value
194	8	SOU194-152	Cesium-137	1.84E-01	pCi/g	Avg	2.78E-01	value
194	8	SOU194-152	Uranium-238	1.12E+00	pCi/g	Avg	1.18E+00	value
194	8	SOU194-153	Antimony	5.40E-01	mg/kg	Avg	5.58E-01	value
194	8	SOU194-153	Arsenic	6.43E+00	mg/kg	Grid Value	1.09E+01	value
194	8	SOU194-153	ethylhexyl)phthalate	1.50E+01	mg/kg	Avg	1.50E+01	value
194	8	SOU194-153	Chromium	4.68E+01	mg/kg	Grid Value	6.09E+01	value
194	8	SOU194-153	Cobalt	1.18E+01	mg/kg	Avg	1.33E+01	value
194	8	SOU194-153	Manganese	3.72E+02	mg/kg	Grid Value	1.33E+03	value
194	8	SOU194-153	Nickel	6.50E+01	mg/kg	Grid Value	6.01E+01	value
194	8	SOU194-153	Total PAH	2.47E-01	mg/kg	Avg	3.74E-01	value
194	8	SOU194-153	Cesium-137	1.84E-01	pCi/g	Avg	2.78E-01	value
194	8	SOU194-153	Uranium-238	1.12E+00	pCi/g	Avg	1.18E+00	value
194	8	SOU194-154	Antimony	5.40E-01	mg/kg	Avg	5.58E-01	value
194	8	SOU194-154	Arsenic	1.10E+01	mg/kg	Grid Value	1.09E+01	value
194	8	SOU194-154	ethylhexyl)phthalate	1.50E+01	mg/kg	Avg	1.50E+01	value
194	8	SOU194-154	Chromium	4.86E+01	mg/kg	Grid Value	6.09E+01	value
194	8	SOU194-154	Cobalt	1.18E+01	mg/kg	Avg	1.33E+01	value
194	8	SOU194-154	Manganese	2.34E+02	mg/kg	Grid Value	1.33E+03	value
194	8	SOU194-154	Nickel	6.50E+01	mg/kg	Grid Value	6.01E+01	value
194	8	SOU194-154	Total PAH	2.47E-01	mg/kg	Avg	3.74E-01	value
194	8	SOU194-154	Cesium-137	1.84E-01	pCi/g	Avg	2.78E-01	value
194	8	SOU194-154	Uranium-238	1.12E+00	pCi/g	Avg	1.18E+00	value
194	8	SOU194-155	Antimony	5.40E-01	mg/kg	Avg	5.58E-01	value
194	8	SOU194-155	Arsenic	9.79E+00	mg/kg	Avg	1.09E+01	value
194	8	SOU194-155	ethylhexyl)phthalate	1.50E+01	mg/kg	Avg	1.50E+01	value
194	8	SOU194-155	Chromium	4.56E+01	mg/kg	Avg	6.09E+01	value
194	8	SOU194-155	Cobalt	1.18E+01	mg/kg	Avg	1.33E+01	value
194	8	SOU194-155	Manganese	9.00E+02	mg/kg	Avg	1.33E+03	value
194	8	SOU194-155	Nickel	5.22E+01	mg/kg	Avg	6.01E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	8	SOU194-155	Total PAH	2.47E-01	mg/kg	Avg	3.74E-01	value
194	8	SOU194-155	Cesium-137	1.84E-01	pCi/g	Avg	2.78E-01	value
194	8	SOU194-155	Uranium-238	1.12E+00	pCi/g	Avg	1.18E+00	value
194	8	SOU194-180	Antimony	5.40E-01	mg/kg	Avg	5.58E-01	value
194	8	SOU194-180	Arsenic	8.50E+00	mg/kg	Grid Value	1.09E+01	value
194	8	SOU194-180	ethylhexyl)phthalate	1.50E+01	mg/kg	Avg	1.50E+01	value
194	8	SOU194-180	Chromium	8.50E+01	mg/kg	Grid Value	6.09E+01	value
194	8	SOU194-180	Cobalt	1.18E+01	mg/kg	Avg	1.33E+01	value
194	8	SOU194-180	Manganese	6.31E+02	mg/kg	Grid Value	1.33E+03	value
194	8	SOU194-180	Nickel	6.50E+01	mg/kg	Grid Value	6.01E+01	value
194	8	SOU194-180	Total PAH	2.47E-01	mg/kg	Avg	3.74E-01	value
194	8	SOU194-180	Cesium-137	1.84E-01	pCi/g	Avg	2.78E-01	value
194	8	SOU194-180	Uranium-238	1.12E+00	pCi/g	Avg	1.18E+00	value
194	8	SOU194-181	Antimony	5.40E-01	mg/kg	Avg	5.58E-01	value
194	8	SOU194-181	Arsenic	1.10E+01	mg/kg	Grid Value	1.09E+01	value
194	8	SOU194-181	ethylhexyl)phthalate	1.50E+01	mg/kg	Avg	1.50E+01	value
194	8	SOU194-181	Chromium	5.36E+01	mg/kg	Grid Value	6.09E+01	value
194	8	SOU194-181	Cobalt	1.18E+01	mg/kg	Avg	1.33E+01	value
194	8	SOU194-181	Manganese	6.59E+02	mg/kg	Grid Value	1.33E+03	value
194	8	SOU194-181	Nickel	6.50E+01	mg/kg	Grid Value	6.01E+01	value
194	8	SOU194-181	Total PAH	2.47E-01	mg/kg	Avg	3.74E-01	value
194	8	SOU194-181	Cesium-137	1.84E-01	pCi/g	Avg	2.78E-01	value
194	8	SOU194-181	Uranium-238	1.12E+00	pCi/g	Avg	1.18E+00	value
194	8	SOU194-182	Antimony	4.60E-01	mg/kg	Grid Value	5.58E-01	value
194	8	SOU194-182	Arsenic	6.70E+00	mg/kg	Grid Value	1.09E+01	value
194	8	SOU194-182	ethylhexyl)phthalate	1.50E+01	mg/kg	Grid Value	1.50E+01	value
194	8	SOU194-182	Chromium	1.10E+01	mg/kg	Grid Value	6.09E+01	value
194	8	SOU194-182	Cobalt	4.80E+00	mg/kg	Grid Value	1.33E+01	value
194	8	SOU194-182	Manganese	6.28E+02	mg/kg	Grid Value	1.33E+03	value
194	8	SOU194-182	Nickel	7.00E+00	mg/kg	Grid Value	6.01E+01	value
194	8	SOU194-182	Total PAH	4.85E-01	mg/kg	Grid Value	3.74E-01	value
194	8	SOU194-182	Cesium-137	3.60E-01	pCi/g	Grid Value	2.78E-01	value
194	8	SOU194-182	Uranium-238	1.39E+00	pCi/g	Grid Value	1.18E+00	value
194	8	SOU194-183	Antimony	5.40E-01	mg/kg	Avg	5.58E-01	value
194	8	SOU194-183	Arsenic	1.10E+01	mg/kg	Grid Value	1.09E+01	value
194	8	SOU194-183	ethylhexyl)phthalate	1.50E+01	mg/kg	Avg	1.50E+01	value
194	8	SOU194-183	Chromium	4.72E+01	mg/kg	Grid Value	6.09E+01	value
194	8	SOU194-183	Cobalt	1.18E+01	mg/kg	Avg	1.33E+01	value
194	8	SOU194-183	Manganese	4.06E+02	mg/kg	Grid Value	1.33E+03	value
194	8	SOU194-183	Nickel	6.50E+01	mg/kg	Grid Value	6.01E+01	value
194	8	SOU194-183	Total PAH	2.47E-01	mg/kg	Avg	3.74E-01	value
194	8	SOU194-183	Cesium-137	1.84E-01	pCi/g	Avg	2.78E-01	value
194	8	SOU194-183	Uranium-238	1.12E+00	pCi/g	Avg	1.18E+00	value
194	9	SOU194-105	Arsenic	1.10E+01	mg/kg	Grid Value	9.77E+00	value
194	9	SOU194-105	Chromium	5.17E+01	mg/kg	Grid Value	4.48E+01	value
194	9	SOU194-105	Manganese	3.45E+02	mg/kg	Grid Value	5.54E+02	value
194	9	SOU194-105	Nickel	6.50E+01	mg/kg	Grid Value	5.98E+01	value
194	9	SOU194-105	Silver	1.07E+01	mg/kg	Grid Value	1.07E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	9	SOU194-106	Arsenic	5.75E+00	mg/kg	Grid Value	9.77E+00	value
194	9	SOU194-106	Chromium	4.17E+01	mg/kg	Grid Value	4.48E+01	value
194	9	SOU194-106	Manganese	2.25E+02	mg/kg	Grid Value	5.54E+02	value
194	9	SOU194-106	Nickel	6.50E+01	mg/kg	Grid Value	5.98E+01	value
194	9	SOU194-106	Silver	1.00E+01	mg/kg	Grid Value	1.07E+01	value
194	9	SOU194-129	Arsenic	1.10E+01	mg/kg	Grid Value	9.77E+00	value
194	9	SOU194-129	Chromium	3.28E+01	mg/kg	Grid Value	4.48E+01	value
194	9	SOU194-129	Manganese	2.02E+02	mg/kg	Grid Value	5.54E+02	value
194	9	SOU194-129	Nickel	6.50E+01	mg/kg	Grid Value	5.98E+01	value
194	9	SOU194-129	Silver	1.00E+01	mg/kg	Grid Value	1.07E+01	value
194	9	SOU194-130	Arsenic	1.15E+01	mg/kg	Grid Value	9.77E+00	value
194	9	SOU194-130	Chromium	3.88E+01	mg/kg	Grid Value	4.48E+01	value
194	9	SOU194-130	Manganese	1.96E+02	mg/kg	Grid Value	5.54E+02	value
194	9	SOU194-130	Nickel	6.50E+01	mg/kg	Grid Value	5.98E+01	value
194	9	SOU194-130	Silver	1.00E+01	mg/kg	Grid Value	1.07E+01	value
194	9	SOU194-131	Arsenic	6.50E+00	mg/kg	Grid Value	9.77E+00	value
194	9	SOU194-131	Chromium	3.98E+01	mg/kg	Grid Value	4.48E+01	value
194	9	SOU194-131	Manganese	5.32E+02	mg/kg	Grid Value	5.54E+02	value
194	9	SOU194-131	Nickel	9.20E+00	mg/kg	Grid Value	5.98E+01	value
194	9	SOU194-131	Silver	3.10E-02	mg/kg	Grid Value	1.07E+01	value
194	9	SOU194-156	Arsenic	8.44E+00	mg/kg	Avg	9.77E+00	value
194	9	SOU194-156	Chromium	4.20E+01	mg/kg	Avg	4.48E+01	value
194	9	SOU194-156	Manganese	4.28E+02	mg/kg	Avg	5.54E+02	value
194	9	SOU194-156	Nickel	5.89E+01	mg/kg	Avg	5.98E+01	value
194	9	SOU194-156	Silver	8.08E+00	mg/kg	Avg	1.07E+01	value
194	9	SOU194-157	Arsenic	6.78E+00	mg/kg	Grid Value	9.77E+00	value
194	9	SOU194-157	Chromium	4.82E+01	mg/kg	Grid Value	4.48E+01	value
194	9	SOU194-157	Manganese	7.36E+02	mg/kg	Grid Value	5.54E+02	value
194	9	SOU194-157	Nickel	6.50E+01	mg/kg	Grid Value	5.98E+01	value
194	9	SOU194-157	Silver	1.00E+01	mg/kg	Grid Value	1.07E+01	value
194	9	SOU194-158	Arsenic	5.20E+00	mg/kg	Grid Value	9.77E+00	value
194	9	SOU194-158	Chromium	4.95E+01	mg/kg	Grid Value	4.48E+01	value
194	9	SOU194-158	Manganese	1.29E+02	mg/kg	Grid Value	5.54E+02	value
194	9	SOU194-158	Nickel	6.50E+01	mg/kg	Grid Value	5.98E+01	value
194	9	SOU194-158	Silver	1.00E+01	mg/kg	Grid Value	1.07E+01	value
194	9	SOU194-159	Arsenic	6.95E+00	mg/kg	Grid Value	9.77E+00	value
194	9	SOU194-159	Chromium	3.33E+01	mg/kg	Grid Value	4.48E+01	value
194	9	SOU194-159	Manganese	4.96E+02	mg/kg	Grid Value	5.54E+02	value
194	9	SOU194-159	Nickel	6.50E+01	mg/kg	Grid Value	5.98E+01	value
194	9	SOU194-159	Silver	1.00E+01	mg/kg	Grid Value	1.07E+01	value
194	9	SOU194-184	Arsenic	1.40E+01	mg/kg	Grid Value	9.77E+00	value
194	9	SOU194-184	Chromium	4.07E+01	mg/kg	Grid Value	4.48E+01	value
194	9	SOU194-184	Manganese	1.08E+03	mg/kg	Grid Value	5.54E+02	value
194	9	SOU194-184	Nickel	5.98E+01	mg/kg	Grid Value	5.98E+01	value
194	9	SOU194-184	Silver	3.30E-02	mg/kg	Grid Value	1.07E+01	value
194	9	SOU194-185	Arsenic	5.75E+00	mg/kg	Grid Value	9.77E+00	value
194	9	SOU194-185	Chromium	4.40E+01	mg/kg	Grid Value	4.48E+01	value
194	9	SOU194-185	Manganese	3.33E+02	mg/kg	Grid Value	5.54E+02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	9	SOU194-185	Nickel	6.50E+01	mg/kg	Grid Value	5.98E+01	value
194	9	SOU194-185	Silver	1.00E+01	mg/kg	Grid Value	1.07E+01	value
194	9	SOU194-186	Arsenic	8.44E+00	mg/kg	Avg	9.77E+00	value
194	9	SOU194-186	Chromium	4.20E+01	mg/kg	Avg	4.48E+01	value
194	9	SOU194-186	Manganese	4.28E+02	mg/kg	Avg	5.54E+02	value
194	9	SOU194-186	Nickel	5.89E+01	mg/kg	Avg	5.98E+01	value
194	9	SOU194-186	Silver	8.08E+00	mg/kg	Avg	1.07E+01	value
194	9	SOU194-187	Arsenic	8.44E+00	mg/kg	Avg	9.77E+00	value
194	9	SOU194-187	Chromium	4.20E+01	mg/kg	Avg	4.48E+01	value
194	9	SOU194-187	Manganese	4.28E+02	mg/kg	Avg	5.54E+02	value
194	9	SOU194-187	Nickel	5.89E+01	mg/kg	Avg	5.98E+01	value
194	9	SOU194-187	Silver	8.08E+00	mg/kg	Avg	1.07E+01	value
194	10	SOU194-107	Arsenic	9.60E+00	mg/kg	Avg	1.10E+01	value
194	10	SOU194-107	Chromium	5.24E+01	mg/kg	Avg	5.00E+01	value
194	10	SOU194-107	Mercury	8.51E+00	mg/kg	Avg	8.07E+00	value
194	10	SOU194-107	Nickel	5.99E+01	mg/kg	Avg	7.60E+01	value
194	10	SOU194-107	Thallium	4.50E-01	mg/kg	Avg	4.50E-01	value
194	10	SOU194-107	Total PAH	2.57E-01	mg/kg	Avg	2.57E-01	value
194	10	SOU194-107	Cesium-137	5.81E-01	pCi/g	Avg	5.81E-01	value
194	10	SOU194-107	Uranium-238	1.49E+00	pCi/g	Avg	1.49E+00	value
194	10	SOU194-108	Arsenic	1.41E+01	mg/kg	Grid Value	1.10E+01	value
194	10	SOU194-108	Chromium	3.38E+01	mg/kg	Grid Value	5.00E+01	value
194	10	SOU194-108	Mercury	1.00E+01	mg/kg	Grid Value	8.07E+00	value
194	10	SOU194-108	Nickel	6.50E+01	mg/kg	Grid Value	7.60E+01	value
194	10	SOU194-108	Thallium	4.50E-01	mg/kg	Avg	4.50E-01	value
194	10	SOU194-108	Total PAH	2.57E-01	mg/kg	Avg	2.57E-01	value
194	10	SOU194-108	Cesium-137	5.81E-01	pCi/g	Avg	5.81E-01	value
194	10	SOU194-108	Uranium-238	1.49E+00	pCi/g	Avg	1.49E+00	value
194	10	SOU194-109	Arsenic	1.10E+01	mg/kg	Grid Value	1.10E+01	value
194	10	SOU194-109	Chromium	3.63E+01	mg/kg	Grid Value	5.00E+01	value
194	10	SOU194-109	Mercury	8.07E+00	mg/kg	Grid Value	8.07E+00	value
194	10	SOU194-109	Nickel	6.50E+01	mg/kg	Grid Value	7.60E+01	value
194	10	SOU194-109	Thallium	4.50E-01	mg/kg	Avg	4.50E-01	value
194	10	SOU194-109	Total PAH	2.57E-01	mg/kg	Avg	2.57E-01	value
194	10	SOU194-109	Cesium-137	5.81E-01	pCi/g	Avg	5.81E-01	value
194	10	SOU194-109	Uranium-238	1.49E+00	pCi/g	Avg	1.49E+00	value
194	10	SOU194-132	Arsenic	9.60E+00	mg/kg	Avg	1.10E+01	value
194	10	SOU194-132	Chromium	5.24E+01	mg/kg	Avg	5.00E+01	value
194	10	SOU194-132	Mercury	8.51E+00	mg/kg	Avg	8.07E+00	value
194	10	SOU194-132	Nickel	5.99E+01	mg/kg	Avg	7.60E+01	value
194	10	SOU194-132	Thallium	4.50E-01	mg/kg	Avg	4.50E-01	value
194	10	SOU194-132	Total PAH	2.57E-01	mg/kg	Avg	2.57E-01	value
194	10	SOU194-132	Cesium-137	5.81E-01	pCi/g	Avg	5.81E-01	value
194	10	SOU194-132	Uranium-238	1.49E+00	pCi/g	Avg	1.49E+00	value
194	10	SOU194-133	Arsenic	1.40E+01	mg/kg	Grid Value	1.10E+01	value
194	10	SOU194-133	Chromium	3.74E+01	mg/kg	Grid Value	5.00E+01	value
194	10	SOU194-133	Mercury	1.00E+01	mg/kg	Grid Value	8.07E+00	value
194	10	SOU194-133	Nickel	6.50E+01	mg/kg	Grid Value	7.60E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	10	SOU194-133	Thallium	4.50E-01	mg/kg	Avg	4.50E-01	value
194	10	SOU194-133	Total PAH	2.57E-01	mg/kg	Avg	2.57E-01	value
194	10	SOU194-133	Cesium-137	5.81E-01	pCi/g	Avg	5.81E-01	value
194	10	SOU194-133	Uranium-238	1.49E+00	pCi/g	Avg	1.49E+00	value
194	10	SOU194-134	Arsenic	1.10E+01	mg/kg	Grid Value	1.10E+01	value
194	10	SOU194-134	Chromium	8.50E+01	mg/kg	Grid Value	5.00E+01	value
194	10	SOU194-134	Mercury	1.00E+01	mg/kg	Grid Value	8.07E+00	value
194	10	SOU194-134	Nickel	6.50E+01	mg/kg	Grid Value	7.60E+01	value
194	10	SOU194-134	Thallium	4.50E-01	mg/kg	Avg	4.50E-01	value
194	10	SOU194-134	Total PAH	2.57E-01	mg/kg	Avg	2.57E-01	value
194	10	SOU194-134	Cesium-137	5.81E-01	pCi/g	Avg	5.81E-01	value
194	10	SOU194-134	Uranium-238	1.49E+00	pCi/g	Avg	1.49E+00	value
194	10	SOU194-160	Arsenic	9.60E+00	mg/kg	Avg	1.10E+01	value
194	10	SOU194-160	Chromium	5.24E+01	mg/kg	Avg	5.00E+01	value
194	10	SOU194-160	Mercury	8.51E+00	mg/kg	Avg	8.07E+00	value
194	10	SOU194-160	Nickel	5.99E+01	mg/kg	Avg	7.60E+01	value
194	10	SOU194-160	Thallium	4.50E-01	mg/kg	Avg	4.50E-01	value
194	10	SOU194-160	Total PAH	2.57E-01	mg/kg	Avg	2.57E-01	value
194	10	SOU194-160	Cesium-137	5.81E-01	pCi/g	Avg	5.81E-01	value
194	10	SOU194-160	Uranium-238	1.49E+00	pCi/g	Avg	1.49E+00	value
194	10	SOU194-161	Arsenic	8.00E+00	mg/kg	Grid Value	1.10E+01	value
194	10	SOU194-161	Chromium	5.00E+01	mg/kg	Grid Value	5.00E+01	value
194	10	SOU194-161	Mercury	3.85E-02	mg/kg	Grid Value	8.07E+00	value
194	10	SOU194-161	Nickel	9.40E+00	mg/kg	Grid Value	7.60E+01	value
194	10	SOU194-161	Thallium	4.50E-01	mg/kg	Grid Value	4.50E-01	value
194	10	SOU194-161	Total PAH	2.57E-01	mg/kg	Grid Value	2.57E-01	value
194	10	SOU194-161	Cesium-137	5.81E-01	pCi/g	Grid Value	5.81E-01	value
194	10	SOU194-161	Uranium-238	1.49E+00	pCi/g	Grid Value	1.49E+00	value
194	10	SOU194-162	Arsenic	5.65E+00	mg/kg	Grid Value	1.10E+01	value
194	10	SOU194-162	Chromium	4.29E+01	mg/kg	Grid Value	5.00E+01	value
194	10	SOU194-162	Mercury	1.00E+01	mg/kg	Grid Value	8.07E+00	value
194	10	SOU194-162	Nickel	7.60E+01	mg/kg	Grid Value	7.60E+01	value
194	10	SOU194-162	Thallium	4.50E-01	mg/kg	Avg	4.50E-01	value
194	10	SOU194-162	Total PAH	2.57E-01	mg/kg	Avg	2.57E-01	value
194	10	SOU194-162	Cesium-137	5.81E-01	pCi/g	Avg	5.81E-01	value
194	10	SOU194-162	Uranium-238	1.49E+00	pCi/g	Avg	1.49E+00	value
194	10	SOU194-188	Arsenic	9.60E+00	mg/kg	Avg	1.10E+01	value
194	10	SOU194-188	Chromium	5.24E+01	mg/kg	Avg	5.00E+01	value
194	10	SOU194-188	Mercury	8.51E+00	mg/kg	Avg	8.07E+00	value
194	10	SOU194-188	Nickel	5.99E+01	mg/kg	Avg	7.60E+01	value
194	10	SOU194-188	Thallium	4.50E-01	mg/kg	Avg	4.50E-01	value
194	10	SOU194-188	Total PAH	2.57E-01	mg/kg	Avg	2.57E-01	value
194	10	SOU194-188	Cesium-137	5.81E-01	pCi/g	Avg	5.81E-01	value
194	10	SOU194-188	Uranium-238	1.49E+00	pCi/g	Avg	1.49E+00	value
194	10	SOU194-189	Arsenic	5.33E+00	mg/kg	Grid Value	1.10E+01	value
194	10	SOU194-189	Chromium	4.90E+01	mg/kg	Grid Value	5.00E+01	value
194	10	SOU194-189	Mercury	1.00E+01	mg/kg	Grid Value	8.07E+00	value
194	10	SOU194-189	Nickel	6.87E+01	mg/kg	Grid Value	7.60E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	10	SOU194-189	Thallium	4.50E-01	mg/kg	Avg	4.50E-01	value
194	10	SOU194-189	Total PAH	2.57E-01	mg/kg	Avg	2.57E-01	value
194	10	SOU194-189	Cesium-137	5.81E-01	pCi/g	Avg	5.81E-01	value
194	10	SOU194-189	Uranium-238	1.49E+00	pCi/g	Avg	1.49E+00	value
194	10	SOU194-190	Arsenic	7.72E+00	mg/kg	Grid Value	1.10E+01	value
194	10	SOU194-190	Chromium	8.50E+01	mg/kg	Grid Value	5.00E+01	value
194	10	SOU194-190	Mercury	1.00E+01	mg/kg	Grid Value	8.07E+00	value
194	10	SOU194-190	Nickel	6.50E+01	mg/kg	Grid Value	7.60E+01	value
194	10	SOU194-190	Thallium	4.50E-01	mg/kg	Avg	4.50E-01	value
194	10	SOU194-190	Total PAH	2.57E-01	mg/kg	Avg	2.57E-01	value
194	10	SOU194-190	Cesium-137	5.81E-01	pCi/g	Avg	5.81E-01	value
194	10	SOU194-190	Uranium-238	1.49E+00	pCi/g	Avg	1.49E+00	value
194	11	SOU194-110	Arsenic	1.10E+01	mg/kg	Grid Value	1.08E+01	value
194	11	SOU194-110	Chromium	8.50E+01	mg/kg	Grid Value	5.66E+01	value
194	11	SOU194-110	Mercury	1.00E+01	mg/kg	Grid Value	8.09E+00	value
194	11	SOU194-110	Nickel	6.50E+01	mg/kg	Grid Value	1.01E+02	value
194	11	SOU194-110	PCB, Total	5.00E+00	mg/kg	Grid Value	8.40E-02	value
194	11	SOU194-110	Silver	1.00E+01	mg/kg	Grid Value	1.33E+01	value
194	11	SOU194-110	Thallium	3.70E-01	mg/kg	Avg	3.70E-01	value
194	11	SOU194-110	Total PAH	7.95E-02	mg/kg	Avg	7.95E-02	value
194	11	SOU194-111	Arsenic	1.10E+01	mg/kg	Grid Value	1.08E+01	value
194	11	SOU194-111	Chromium	8.50E+01	mg/kg	Grid Value	5.66E+01	value
194	11	SOU194-111	Mercury	1.00E+01	mg/kg	Grid Value	8.09E+00	value
194	11	SOU194-111	Nickel	9.64E+01	mg/kg	Grid Value	1.01E+02	value
194	11	SOU194-111	PCB, Total	5.00E+00	mg/kg	Grid Value	8.40E-02	value
194	11	SOU194-111	Silver	1.09E+01	mg/kg	Grid Value	1.33E+01	value
194	11	SOU194-111	Thallium	3.70E-01	mg/kg	Avg	3.70E-01	value
194	11	SOU194-111	Total PAH	7.95E-02	mg/kg	Avg	7.95E-02	value
194	11	SOU194-112	Arsenic	6.09E+00	mg/kg	Grid Value	1.08E+01	value
194	11	SOU194-112	Chromium	5.66E+01	mg/kg	Grid Value	5.66E+01	value
194	11	SOU194-112	Mercury	1.00E+01	mg/kg	Grid Value	8.09E+00	value
194	11	SOU194-112	Nickel	6.51E+01	mg/kg	Grid Value	1.01E+02	value
194	11	SOU194-112	PCB, Total	5.00E+00	mg/kg	Grid Value	8.40E-02	value
194	11	SOU194-112	Silver	1.00E+01	mg/kg	Grid Value	1.33E+01	value
194	11	SOU194-112	Thallium	3.70E-01	mg/kg	Avg	3.70E-01	value
194	11	SOU194-112	Total PAH	7.95E-02	mg/kg	Avg	7.95E-02	value
194	11	SOU194-113	Arsenic	1.10E+01	mg/kg	Grid Value	1.08E+01	value
194	11	SOU194-113	Chromium	8.50E+01	mg/kg	Grid Value	5.66E+01	value
194	11	SOU194-113	Mercury	1.00E+01	mg/kg	Grid Value	8.09E+00	value
194	11	SOU194-113	Nickel	7.35E+01	mg/kg	Grid Value	1.01E+02	value
194	11	SOU194-113	PCB, Total	5.00E+00	mg/kg	Grid Value	8.40E-02	value
194	11	SOU194-113	Silver	1.00E+01	mg/kg	Grid Value	1.33E+01	value
194	11	SOU194-113	Thallium	3.70E-01	mg/kg	Avg	3.70E-01	value
194	11	SOU194-113	Total PAH	7.95E-02	mg/kg	Avg	7.95E-02	value
194	11	SOU194-135	Arsenic	1.10E+01	mg/kg	Grid Value	1.08E+01	value
194	11	SOU194-135	Chromium	3.27E+01	mg/kg	Grid Value	5.66E+01	value
194	11	SOU194-135	Mercury	1.00E+01	mg/kg	Grid Value	8.09E+00	value
194	11	SOU194-135	Nickel	8.25E+01	mg/kg	Grid Value	1.01E+02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	11	SOU194-135	PCB, Total	5.00E+00	mg/kg	Grid Value	8.40E-02	value
194	11	SOU194-135	Silver	1.00E+01	mg/kg	Grid Value	1.33E+01	value
194	11	SOU194-135	Thallium	3.70E-01	mg/kg	Avg	3.70E-01	value
194	11	SOU194-135	Total PAH	7.95E-02	mg/kg	Avg	7.95E-02	value
194	11	SOU194-136	Arsenic	1.03E+01	mg/kg	Grid Value	1.08E+01	value
194	11	SOU194-136	Chromium	1.67E+01	mg/kg	Grid Value	5.66E+01	value
194	11	SOU194-136	Mercury	6.57E+00	mg/kg	Grid Value	8.09E+00	value
194	11	SOU194-136	Nickel	9.90E+00	mg/kg	Grid Value	1.01E+02	value
194	11	SOU194-136	PCB, Total	8.40E-02	mg/kg	Grid Value	8.40E-02	value
194	11	SOU194-136	Silver	6.50E-02	mg/kg	Grid Value	1.33E+01	value
194	11	SOU194-136	Thallium	3.70E-01	mg/kg	Grid Value	3.70E-01	value
194	11	SOU194-136	Total PAH	7.95E-02	mg/kg	Grid Value	7.95E-02	value
194	11	SOU194-137	Arsenic	9.19E+00	mg/kg	Grid Value	1.08E+01	value
194	11	SOU194-137	Chromium	5.51E+01	mg/kg	Grid Value	5.66E+01	value
194	11	SOU194-137	Mercury	1.00E+01	mg/kg	Grid Value	8.09E+00	value
194	11	SOU194-137	Nickel	9.94E+01	mg/kg	Grid Value	1.01E+02	value
194	11	SOU194-137	PCB, Total	5.00E+00	mg/kg	Grid Value	8.40E-02	value
194	11	SOU194-137	Silver	1.00E+01	mg/kg	Grid Value	1.33E+01	value
194	11	SOU194-137	Thallium	3.70E-01	mg/kg	Avg	3.70E-01	value
194	11	SOU194-137	Total PAH	7.95E-02	mg/kg	Avg	7.95E-02	value
194	11	SOU194-138	Arsenic	7.40E+00	mg/kg	Grid Value	1.08E+01	value
194	11	SOU194-138	Chromium	3.76E+01	mg/kg	Grid Value	5.66E+01	value
194	11	SOU194-138	Mercury	1.00E+01	mg/kg	Grid Value	8.09E+00	value
194	11	SOU194-138	Nickel	1.01E+02	mg/kg	Grid Value	1.01E+02	value
194	11	SOU194-138	PCB, Total	5.00E+00	mg/kg	Grid Value	8.40E-02	value
194	11	SOU194-138	Silver	1.00E+01	mg/kg	Grid Value	1.33E+01	value
194	11	SOU194-138	Thallium	3.70E-01	mg/kg	Avg	3.70E-01	value
194	11	SOU194-138	Total PAH	7.95E-02	mg/kg	Avg	7.95E-02	value
194	11	SOU194-163	Arsenic	9.45E+00	mg/kg	Grid Value	1.08E+01	value
194	11	SOU194-163	Chromium	3.80E+01	mg/kg	Grid Value	5.66E+01	value
194	11	SOU194-163	Mercury	1.00E+01	mg/kg	Grid Value	8.09E+00	value
194	11	SOU194-163	Nickel	7.98E+01	mg/kg	Grid Value	1.01E+02	value
194	11	SOU194-163	PCB, Total	5.00E+00	mg/kg	Grid Value	8.40E-02	value
194	11	SOU194-163	Silver	1.00E+01	mg/kg	Grid Value	1.33E+01	value
194	11	SOU194-163	Thallium	3.70E-01	mg/kg	Avg	3.70E-01	value
194	11	SOU194-163	Total PAH	7.95E-02	mg/kg	Avg	7.95E-02	value
194	11	SOU194-164	Arsenic	7.22E+00	mg/kg	Grid Value	1.08E+01	value
194	11	SOU194-164	Chromium	8.50E+01	mg/kg	Grid Value	5.66E+01	value
194	11	SOU194-164	Mercury	1.00E+01	mg/kg	Grid Value	8.09E+00	value
194	11	SOU194-164	Nickel	6.50E+01	mg/kg	Grid Value	1.01E+02	value
194	11	SOU194-164	PCB, Total	5.00E+00	mg/kg	Grid Value	8.40E-02	value
194	11	SOU194-164	Silver	1.00E+01	mg/kg	Grid Value	1.33E+01	value
194	11	SOU194-164	Thallium	3.70E-01	mg/kg	Avg	3.70E-01	value
194	11	SOU194-164	Total PAH	7.95E-02	mg/kg	Avg	7.95E-02	value
194	11	SOU194-165	Arsenic	1.25E+01	mg/kg	Grid Value	1.08E+01	value
194	11	SOU194-165	Chromium	8.50E+01	mg/kg	Grid Value	5.66E+01	value
194	11	SOU194-165	Mercury	1.00E+01	mg/kg	Grid Value	8.09E+00	value
194	11	SOU194-165	Nickel	6.50E+01	mg/kg	Grid Value	1.01E+02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	11	SOU194-165	PCB, Total	5.00E+00	mg/kg	Grid Value	8.40E-02	value
194	11	SOU194-165	Silver	1.00E+01	mg/kg	Grid Value	1.33E+01	value
194	11	SOU194-165	Thallium	3.70E-01	mg/kg	Avg	3.70E-01	value
194	11	SOU194-165	Total PAH	7.95E-02	mg/kg	Avg	7.95E-02	value
194	11	SOU194-166	Arsenic	1.10E+01	mg/kg	Grid Value	1.08E+01	value
194	11	SOU194-166	Chromium	8.50E+01	mg/kg	Grid Value	5.66E+01	value
194	11	SOU194-166	Mercury	8.09E+00	mg/kg	Grid Value	8.09E+00	value
194	11	SOU194-166	Nickel	7.36E+01	mg/kg	Grid Value	1.01E+02	value
194	11	SOU194-166	PCB, Total	5.00E+00	mg/kg	Grid Value	8.40E-02	value
194	11	SOU194-166	Silver	1.33E+01	mg/kg	Grid Value	1.33E+01	value
194	11	SOU194-166	Thallium	3.70E-01	mg/kg	Avg	3.70E-01	value
194	11	SOU194-166	Total PAH	7.95E-02	mg/kg	Avg	7.95E-02	value
194	12	SOU194-114	Arsenic	1.10E+01	mg/kg	Grid Value	9.18E+00	value
194	12	SOU194-114	Chromium	4.15E+01	mg/kg	Grid Value	6.34E+01	value
194	12	SOU194-114	Manganese	3.13E+02	mg/kg	Grid Value	7.31E+02	value
194	12	SOU194-114	Nickel	6.50E+01	mg/kg	Grid Value	7.86E+01	value
194	12	SOU194-114	Silver	1.00E+01	mg/kg	Grid Value	1.54E+01	value
194	12	SOU194-114	Total PAH	6.52E-01	mg/kg	Avg	7.07E-01	value
194	12	SOU194-115	Arsenic	1.10E+01	mg/kg	Grid Value	9.18E+00	value
194	12	SOU194-115	Chromium	4.90E+01	mg/kg	Grid Value	6.34E+01	value
194	12	SOU194-115	Manganese	4.77E+02	mg/kg	Grid Value	7.31E+02	value
194	12	SOU194-115	Nickel	6.50E+01	mg/kg	Grid Value	7.86E+01	value
194	12	SOU194-115	Silver	1.20E+01	mg/kg	Grid Value	1.54E+01	value
194	12	SOU194-115	Total PAH	6.52E-01	mg/kg	Avg	7.07E-01	value
194	12	SOU194-116	Arsenic	6.10E+00	mg/kg	Grid Value	9.18E+00	value
194	12	SOU194-116	Chromium	6.34E+01	mg/kg	Grid Value	6.34E+01	value
194	12	SOU194-116	Manganese	5.25E+02	mg/kg	Grid Value	7.31E+02	value
194	12	SOU194-116	Nickel	6.72E+01	mg/kg	Grid Value	7.86E+01	value
194	12	SOU194-116	Silver	1.32E+01	mg/kg	Grid Value	1.54E+01	value
194	12	SOU194-116	Total PAH	3.94E-01	mg/kg	Grid Value	7.07E-01	value
194	12	SOU194-117	Arsenic	7.90E+00	mg/kg	Grid Value	9.18E+00	value
194	12	SOU194-117	Chromium	5.23E+01	mg/kg	Grid Value	6.34E+01	value
194	12	SOU194-117	Manganese	1.49E+03	mg/kg	Grid Value	7.31E+02	value
194	12	SOU194-117	Nickel	7.00E+01	mg/kg	Grid Value	7.86E+01	value
194	12	SOU194-117	Silver	3.60E-01	mg/kg	Grid Value	1.54E+01	value
194	12	SOU194-117	Total PAH	8.91E-01	mg/kg	Grid Value	7.07E-01	value
194	12	SOU194-139	Arsenic	6.41E+00	mg/kg	Grid Value	9.18E+00	value
194	12	SOU194-139	Chromium	4.32E+01	mg/kg	Grid Value	6.34E+01	value
194	12	SOU194-139	Manganese	4.33E+02	mg/kg	Grid Value	7.31E+02	value
194	12	SOU194-139	Nickel	6.50E+01	mg/kg	Grid Value	7.86E+01	value
194	12	SOU194-139	Silver	1.00E+01	mg/kg	Grid Value	1.54E+01	value
194	12	SOU194-139	Total PAH	6.52E-01	mg/kg	Avg	7.07E-01	value
194	12	SOU194-140	Arsenic	9.18E+00	mg/kg	Grid Value	9.18E+00	value
194	12	SOU194-140	Chromium	8.50E+01	mg/kg	Grid Value	6.34E+01	value
194	12	SOU194-140	Manganese	3.53E+02	mg/kg	Grid Value	7.31E+02	value
194	12	SOU194-140	Nickel	7.86E+01	mg/kg	Grid Value	7.86E+01	value
194	12	SOU194-140	Silver	1.00E+01	mg/kg	Grid Value	1.54E+01	value
194	12	SOU194-140	Total PAH	6.52E-01	mg/kg	Avg	7.07E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	12	SOU194-141	Arsenic	1.10E+01	mg/kg	Grid Value	9.18E+00	value
194	12	SOU194-141	Chromium	3.80E+01	mg/kg	Grid Value	6.34E+01	value
194	12	SOU194-141	Manganese	7.94E+02	mg/kg	Grid Value	7.31E+02	value
194	12	SOU194-141	Nickel	6.50E+01	mg/kg	Grid Value	7.86E+01	value
194	12	SOU194-141	Silver	1.00E+01	mg/kg	Grid Value	1.54E+01	value
194	12	SOU194-141	Total PAH	6.52E-01	mg/kg	Avg	7.07E-01	value
194	12	SOU194-142	Arsenic	1.10E+01	mg/kg	Grid Value	9.18E+00	value
194	12	SOU194-142	Chromium	8.50E+01	mg/kg	Grid Value	6.34E+01	value
194	12	SOU194-142	Manganese	2.52E+02	mg/kg	Grid Value	7.31E+02	value
194	12	SOU194-142	Nickel	7.67E+01	mg/kg	Grid Value	7.86E+01	value
194	12	SOU194-142	Silver	1.00E+01	mg/kg	Grid Value	1.54E+01	value
194	12	SOU194-142	Total PAH	6.52E-01	mg/kg	Avg	7.07E-01	value
194	12	SOU194-167	Arsenic	1.10E+01	mg/kg	Grid Value	9.18E+00	value
194	12	SOU194-167	Chromium	8.50E+01	mg/kg	Grid Value	6.34E+01	value
194	12	SOU194-167	Manganese	3.32E+02	mg/kg	Grid Value	7.31E+02	value
194	12	SOU194-167	Nickel	6.50E+01	mg/kg	Grid Value	7.86E+01	value
194	12	SOU194-167	Silver	1.00E+01	mg/kg	Grid Value	1.54E+01	value
194	12	SOU194-167	Total PAH	6.52E-01	mg/kg	Avg	7.07E-01	value
194	12	SOU194-168	Arsenic	5.80E+00	mg/kg	Grid Value	9.18E+00	value
194	12	SOU194-168	Chromium	1.35E+01	mg/kg	Grid Value	6.34E+01	value
194	12	SOU194-168	Manganese	3.05E+02	mg/kg	Grid Value	7.31E+02	value
194	12	SOU194-168	Nickel	1.18E+01	mg/kg	Grid Value	7.86E+01	value
194	12	SOU194-168	Silver	3.20E-01	mg/kg	Grid Value	1.54E+01	value
194	12	SOU194-168	Total PAH	6.70E-01	mg/kg	Grid Value	7.07E-01	value
194	12	SOU194-169	Arsenic	7.84E+00	mg/kg	Grid Value	9.18E+00	value
194	12	SOU194-169	Chromium	8.50E+01	mg/kg	Grid Value	6.34E+01	value
194	12	SOU194-169	Manganese	7.41E+02	mg/kg	Grid Value	7.31E+02	value
194	12	SOU194-169	Nickel	6.50E+01	mg/kg	Grid Value	7.86E+01	value
194	12	SOU194-169	Silver	1.00E+01	mg/kg	Grid Value	1.54E+01	value
194	12	SOU194-169	Total PAH	6.52E-01	mg/kg	Avg	7.07E-01	value
194	12	SOU194-170	Arsenic	1.10E+01	mg/kg	Grid Value	9.18E+00	value
194	12	SOU194-170	Chromium	4.20E+01	mg/kg	Grid Value	6.34E+01	value
194	12	SOU194-170	Manganese	5.00E+02	mg/kg	Grid Value	7.31E+02	value
194	12	SOU194-170	Nickel	6.50E+01	mg/kg	Grid Value	7.86E+01	value
194	12	SOU194-170	Silver	1.70E+01	mg/kg	Grid Value	1.54E+01	value
194	12	SOU194-170	Total PAH	6.52E-01	mg/kg	Avg	7.07E-01	value
194	13	SOU194-118	Arsenic	1.10E+01	mg/kg	Grid Value	9.90E+00	value
194	13	SOU194-118	Chromium	5.49E+01	mg/kg	Grid Value	6.25E+01	value
194	13	SOU194-118	Manganese	2.82E+02	mg/kg	Grid Value	6.05E+02	value
194	13	SOU194-118	Nickel	6.50E+01	mg/kg	Grid Value	6.80E+01	value
194	13	SOU194-118	Total PAH	4.95E-02	mg/kg	Avg	6.73E-02	value
194	13	SOU194-119	Arsenic	1.10E+01	mg/kg	Grid Value	9.90E+00	value
194	13	SOU194-119	Chromium	8.50E+01	mg/kg	Grid Value	6.25E+01	value
194	13	SOU194-119	Manganese	3.09E+02	mg/kg	Grid Value	6.05E+02	value
194	13	SOU194-119	Nickel	6.20E+01	mg/kg	Grid Value	6.80E+01	value
194	13	SOU194-119	Total PAH	4.95E-02	mg/kg	Avg	6.73E-02	value
194	13	SOU194-120	Arsenic	9.90E+00	mg/kg	Grid Value	9.90E+00	value
194	13	SOU194-120	Chromium	3.94E+01	mg/kg	Grid Value	6.25E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	13	SOU194-120	Manganese	5.62E+02	mg/kg	Grid Value	6.05E+02	value
194	13	SOU194-120	Nickel	1.09E+01	mg/kg	Grid Value	6.80E+01	value
194	13	SOU194-120	Total PAH	9.13E-02	mg/kg	Grid Value	6.73E-02	value
194	13	SOU194-121	Arsenic	4.70E+00	mg/kg	Grid Value	9.90E+00	value
194	13	SOU194-121	Chromium	6.25E+01	mg/kg	Grid Value	6.25E+01	value
194	13	SOU194-121	Manganese	2.78E+02	mg/kg	Grid Value	6.05E+02	value
194	13	SOU194-121	Nickel	6.29E+01	mg/kg	Grid Value	6.80E+01	value
194	13	SOU194-121	Total PAH	7.70E-03	mg/kg	Grid Value	6.73E-02	value
194	13	SOU194-122	Arsenic	9.24E+00	mg/kg	Avg	9.90E+00	value
194	13	SOU194-122	Chromium	6.73E+01	mg/kg	Avg	6.25E+01	value
194	13	SOU194-122	Manganese	4.82E+02	mg/kg	Avg	6.05E+02	value
194	13	SOU194-122	Nickel	6.11E+01	mg/kg	Avg	6.80E+01	value
194	13	SOU194-122	Total PAH	4.95E-02	mg/kg	Avg	6.73E-02	value
194	13	SOU194-143	Arsenic	7.49E+00	mg/kg	Grid Value	9.90E+00	value
194	13	SOU194-143	Chromium	8.50E+01	mg/kg	Grid Value	6.25E+01	value
194	13	SOU194-143	Manganese	3.34E+02	mg/kg	Grid Value	6.05E+02	value
194	13	SOU194-143	Nickel	6.50E+01	mg/kg	Grid Value	6.80E+01	value
194	13	SOU194-143	Total PAH	4.95E-02	mg/kg	Avg	6.73E-02	value
194	13	SOU194-144	Arsenic	1.10E+01	mg/kg	Grid Value	9.90E+00	value
194	13	SOU194-144	Chromium	8.50E+01	mg/kg	Grid Value	6.25E+01	value
194	13	SOU194-144	Manganese	4.59E+02	mg/kg	Grid Value	6.05E+02	value
194	13	SOU194-144	Nickel	6.50E+01	mg/kg	Grid Value	6.80E+01	value
194	13	SOU194-144	Total PAH	4.95E-02	mg/kg	Avg	6.73E-02	value
194	13	SOU194-145	Arsenic	1.10E+01	mg/kg	Grid Value	9.90E+00	value
194	13	SOU194-145	Chromium	4.92E+01	mg/kg	Grid Value	6.25E+01	value
194	13	SOU194-145	Manganese	3.62E+02	mg/kg	Grid Value	6.05E+02	value
194	13	SOU194-145	Nickel	8.55E+01	mg/kg	Grid Value	6.80E+01	value
194	13	SOU194-145	Total PAH	4.95E-02	mg/kg	Avg	6.73E-02	value
194	13	SOU194-146	Arsenic	6.89E+00	mg/kg	Grid Value	9.90E+00	value
194	13	SOU194-146	Chromium	8.50E+01	mg/kg	Grid Value	6.25E+01	value
194	13	SOU194-146	Manganese	4.09E+02	mg/kg	Grid Value	6.05E+02	value
194	13	SOU194-146	Nickel	6.50E+01	mg/kg	Grid Value	6.80E+01	value
194	13	SOU194-146	Total PAH	4.95E-02	mg/kg	Avg	6.73E-02	value
194	13	SOU194-147	Arsenic	9.24E+00	mg/kg	Avg	9.90E+00	value
194	13	SOU194-147	Chromium	6.73E+01	mg/kg	Avg	6.25E+01	value
194	13	SOU194-147	Manganese	4.82E+02	mg/kg	Avg	6.05E+02	value
194	13	SOU194-147	Nickel	6.11E+01	mg/kg	Avg	6.80E+01	value
194	13	SOU194-147	Total PAH	4.95E-02	mg/kg	Avg	6.73E-02	value
194	13	SOU194-171	Arsenic	1.10E+01	mg/kg	Grid Value	9.90E+00	value
194	13	SOU194-171	Chromium	8.50E+01	mg/kg	Grid Value	6.25E+01	value
194	13	SOU194-171	Manganese	4.13E+02	mg/kg	Grid Value	6.05E+02	value
194	13	SOU194-171	Nickel	6.50E+01	mg/kg	Grid Value	6.80E+01	value
194	13	SOU194-171	Total PAH	4.95E-02	mg/kg	Avg	6.73E-02	value
194	13	SOU194-172	Arsenic	8.37E+00	mg/kg	Grid Value	9.90E+00	value
194	13	SOU194-172	Chromium	4.24E+01	mg/kg	Grid Value	6.25E+01	value
194	13	SOU194-172	Manganese	1.41E+03	mg/kg	Grid Value	6.05E+02	value
194	13	SOU194-172	Nickel	6.50E+01	mg/kg	Grid Value	6.80E+01	value
194	13	SOU194-172	Total PAH	4.95E-02	mg/kg	Avg	6.73E-02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	13	SOU194-173	Arsenic	9.24E+00	mg/kg	Avg	9.90E+00	value
194	13	SOU194-173	Chromium	6.73E+01	mg/kg	Avg	6.25E+01	value
194	13	SOU194-173	Manganese	4.82E+02	mg/kg	Avg	6.05E+02	value
194	13	SOU194-173	Nickel	6.11E+01	mg/kg	Avg	6.80E+01	value
194	13	SOU194-173	Total PAH	4.95E-02	mg/kg	Avg	6.73E-02	value
194	13	SOU194-174	Arsenic	9.24E+00	mg/kg	Avg	9.90E+00	value
194	13	SOU194-174	Chromium	6.73E+01	mg/kg	Avg	6.25E+01	value
194	13	SOU194-174	Manganese	4.82E+02	mg/kg	Avg	6.05E+02	value
194	13	SOU194-174	Nickel	6.11E+01	mg/kg	Avg	6.80E+01	value
194	13	SOU194-174	Total PAH	4.95E-02	mg/kg	Avg	6.73E-02	value
194	13	SOU194-175	Arsenic	9.24E+00	mg/kg	Avg	9.90E+00	value
194	13	SOU194-175	Chromium	6.73E+01	mg/kg	Avg	6.25E+01	value
194	13	SOU194-175	Manganese	4.82E+02	mg/kg	Avg	6.05E+02	value
194	13	SOU194-175	Nickel	6.11E+01	mg/kg	Avg	6.80E+01	value
194	13	SOU194-175	Total PAH	4.95E-02	mg/kg	Avg	6.73E-02	value
194	14	SOU194-191	Aluminum	1.25E+04	mg/kg	Avg	1.26E+04	value
194	14	SOU194-191	Arsenic	8.83E+00	mg/kg	Grid Value	1.09E+01	value
194	14	SOU194-191	Chromium	4.50E+01	mg/kg	Grid Value	6.09E+01	value
194	14	SOU194-191	Manganese	3.81E+02	mg/kg	Grid Value	7.02E+02	value
194	14	SOU194-191	Mercury	1.00E+01	mg/kg	Grid Value	8.94E+00	value
194	14	SOU194-191	Nickel	6.50E+01	mg/kg	Grid Value	7.09E+01	value
194	14	SOU194-191	Vanadium	3.44E+01	mg/kg	Avg	3.51E+01	value
194	14	SOU194-192	Aluminum	1.34E+04	mg/kg	Grid Value	1.26E+04	value
194	14	SOU194-192	Arsenic	1.19E+01	mg/kg	Grid Value	1.09E+01	value
194	14	SOU194-192	Chromium	4.20E+01	mg/kg	Grid Value	6.09E+01	value
194	14	SOU194-192	Manganese	7.49E+02	mg/kg	Grid Value	7.02E+02	value
194	14	SOU194-192	Mercury	3.32E-02	mg/kg	Grid Value	8.94E+00	value
194	14	SOU194-192	Nickel	1.18E+01	mg/kg	Grid Value	7.09E+01	value
194	14	SOU194-192	Vanadium	3.80E+01	mg/kg	Grid Value	3.51E+01	value
194	14	SOU194-193	Aluminum	1.25E+04	mg/kg	Avg	1.26E+04	value
194	14	SOU194-193	Arsenic	1.17E+01	mg/kg	Grid Value	1.09E+01	value
194	14	SOU194-193	Chromium	4.30E+01	mg/kg	Grid Value	6.09E+01	value
194	14	SOU194-193	Manganese	5.14E+02	mg/kg	Grid Value	7.02E+02	value
194	14	SOU194-193	Mercury	1.00E+01	mg/kg	Grid Value	8.94E+00	value
194	14	SOU194-193	Nickel	6.50E+01	mg/kg	Grid Value	7.09E+01	value
194	14	SOU194-193	Vanadium	3.44E+01	mg/kg	Avg	3.51E+01	value
194	14	SOU194-206	Aluminum	1.25E+04	mg/kg	Avg	1.26E+04	value
194	14	SOU194-206	Arsenic	7.63E+00	mg/kg	Grid Value	1.09E+01	value
194	14	SOU194-206	Chromium	4.55E+01	mg/kg	Grid Value	6.09E+01	value
194	14	SOU194-206	Manganese	4.74E+02	mg/kg	Grid Value	7.02E+02	value
194	14	SOU194-206	Mercury	1.00E+01	mg/kg	Grid Value	8.94E+00	value
194	14	SOU194-206	Nickel	6.50E+01	mg/kg	Grid Value	7.09E+01	value
194	14	SOU194-206	Vanadium	3.44E+01	mg/kg	Avg	3.51E+01	value
194	14	SOU194-207	Aluminum	1.25E+04	mg/kg	Avg	1.26E+04	value
194	14	SOU194-207	Arsenic	1.10E+01	mg/kg	Grid Value	1.09E+01	value
194	14	SOU194-207	Chromium	3.40E+01	mg/kg	Grid Value	6.09E+01	value
194	14	SOU194-207	Manganese	4.92E+02	mg/kg	Grid Value	7.02E+02	value
194	14	SOU194-207	Mercury	1.00E+01	mg/kg	Grid Value	8.94E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	14	SOU194-207	Nickel	6.50E+01	mg/kg	Grid Value	7.09E+01	value
194	14	SOU194-207	Vanadium	3.44E+01	mg/kg	Avg	3.51E+01	value
194	14	SOU194-208	Aluminum	1.25E+04	mg/kg	Avg	1.26E+04	value
194	14	SOU194-208	Arsenic	1.25E+01	mg/kg	Grid Value	1.09E+01	value
194	14	SOU194-208	Chromium	4.04E+01	mg/kg	Grid Value	6.09E+01	value
194	14	SOU194-208	Manganese	3.22E+02	mg/kg	Grid Value	7.02E+02	value
194	14	SOU194-208	Mercury	1.00E+01	mg/kg	Grid Value	8.94E+00	value
194	14	SOU194-208	Nickel	6.50E+01	mg/kg	Grid Value	7.09E+01	value
194	14	SOU194-208	Vanadium	3.44E+01	mg/kg	Avg	3.51E+01	value
194	14	SOU194-221	Aluminum	1.25E+04	mg/kg	Avg	1.26E+04	value
194	14	SOU194-221	Arsenic	1.03E+01	mg/kg	Grid Value	1.09E+01	value
194	14	SOU194-221	Chromium	8.50E+01	mg/kg	Grid Value	6.09E+01	value
194	14	SOU194-221	Manganese	2.44E+02	mg/kg	Grid Value	7.02E+02	value
194	14	SOU194-221	Mercury	8.94E+00	mg/kg	Grid Value	8.94E+00	value
194	14	SOU194-221	Nickel	7.09E+01	mg/kg	Grid Value	7.09E+01	value
194	14	SOU194-221	Vanadium	3.44E+01	mg/kg	Avg	3.51E+01	value
194	14	SOU194-222	Aluminum	1.15E+04	mg/kg	Grid Value	1.26E+04	value
194	14	SOU194-222	Arsenic	8.50E+00	mg/kg	Grid Value	1.09E+01	value
194	14	SOU194-222	Chromium	6.67E+01	mg/kg	Grid Value	6.09E+01	value
194	14	SOU194-222	Manganese	1.42E+03	mg/kg	Grid Value	7.02E+02	value
194	14	SOU194-222	Mercury	4.91E-02	mg/kg	Grid Value	8.94E+00	value
194	14	SOU194-222	Nickel	1.10E+01	mg/kg	Grid Value	7.09E+01	value
194	14	SOU194-222	Vanadium	3.08E+01	mg/kg	Grid Value	3.51E+01	value
194	14	SOU194-223	Aluminum	1.25E+04	mg/kg	Avg	1.26E+04	value
194	14	SOU194-223	Arsenic	1.02E+01	mg/kg	Grid Value	1.09E+01	value
194	14	SOU194-223	Chromium	4.05E+01	mg/kg	Grid Value	6.09E+01	value
194	14	SOU194-223	Manganese	5.57E+02	mg/kg	Grid Value	7.02E+02	value
194	14	SOU194-223	Mercury	1.00E+01	mg/kg	Grid Value	8.94E+00	value
194	14	SOU194-223	Nickel	6.50E+01	mg/kg	Grid Value	7.09E+01	value
194	14	SOU194-223	Vanadium	3.44E+01	mg/kg	Avg	3.51E+01	value
194	14	SOU194-234	Aluminum	1.25E+04	mg/kg	Avg	1.26E+04	value
194	14	SOU194-234	Arsenic	1.10E+01	mg/kg	Grid Value	1.09E+01	value
194	14	SOU194-234	Chromium	5.21E+01	mg/kg	Grid Value	6.09E+01	value
194	14	SOU194-234	Manganese	2.50E+02	mg/kg	Grid Value	7.02E+02	value
194	14	SOU194-234	Mercury	1.00E+01	mg/kg	Grid Value	8.94E+00	value
194	14	SOU194-234	Nickel	6.50E+01	mg/kg	Grid Value	7.09E+01	value
194	14	SOU194-234	Vanadium	3.44E+01	mg/kg	Avg	3.51E+01	value
194	14	SOU194-235	Aluminum	1.25E+04	mg/kg	Avg	1.26E+04	value
194	14	SOU194-235	Arsenic	9.13E+00	mg/kg	Grid Value	1.09E+01	value
194	14	SOU194-235	Chromium	8.50E+01	mg/kg	Grid Value	6.09E+01	value
194	14	SOU194-235	Manganese	1.71E+02	mg/kg	Grid Value	7.02E+02	value
194	14	SOU194-235	Mercury	1.00E+01	mg/kg	Grid Value	8.94E+00	value
194	14	SOU194-235	Nickel	6.50E+01	mg/kg	Grid Value	7.09E+01	value
194	14	SOU194-235	Vanadium	3.44E+01	mg/kg	Avg	3.51E+01	value
194	14	SOU194-236	Aluminum	1.25E+04	mg/kg	Avg	1.26E+04	value
194	14	SOU194-236	Arsenic	1.05E+01	mg/kg	Grid Value	1.09E+01	value
194	14	SOU194-236	Chromium	6.41E+01	mg/kg	Grid Value	6.09E+01	value
194	14	SOU194-236	Manganese	7.87E+02	mg/kg	Grid Value	7.02E+02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	14	SOU194-236	Mercury	1.00E+01	mg/kg	Grid Value	8.94E+00	value
194	14	SOU194-236	Nickel	6.50E+01	mg/kg	Grid Value	7.09E+01	value
194	14	SOU194-236	Vanadium	3.44E+01	mg/kg	Avg	3.51E+01	value
194	14	SOU194-237	Aluminum	1.25E+04	mg/kg	Avg	1.26E+04	value
194	14	SOU194-237	Arsenic	7.57E+00	mg/kg	Grid Value	1.09E+01	value
194	14	SOU194-237	Chromium	3.71E+01	mg/kg	Grid Value	6.09E+01	value
194	14	SOU194-237	Manganese	3.93E+02	mg/kg	Grid Value	7.02E+02	value
194	14	SOU194-237	Mercury	1.00E+01	mg/kg	Grid Value	8.94E+00	value
194	14	SOU194-237	Nickel	6.50E+01	mg/kg	Grid Value	7.09E+01	value
194	14	SOU194-237	Vanadium	3.44E+01	mg/kg	Avg	3.51E+01	value
194	15	SOU194-194	Arsenic	1.17E+01	mg/kg	Grid Value	8.95E+00	value
194	15	SOU194-194	Chromium	6.06E+01	mg/kg	Grid Value	6.06E+01	value
194	15	SOU194-194	Manganese	8.28E+02	mg/kg	Grid Value	6.10E+02	value
194	15	SOU194-194	Nickel	6.50E+01	mg/kg	Grid Value	7.98E+01	value
194	15	SOU194-194	Silver	1.00E+01	mg/kg	Grid Value	1.17E+01	value
194	15	SOU194-195	Arsenic	6.17E+00	mg/kg	Grid Value	8.95E+00	value
194	15	SOU194-195	Chromium	8.50E+01	mg/kg	Grid Value	6.06E+01	value
194	15	SOU194-195	Manganese	2.41E+02	mg/kg	Grid Value	6.10E+02	value
194	15	SOU194-195	Nickel	6.50E+01	mg/kg	Grid Value	7.98E+01	value
194	15	SOU194-195	Silver	1.00E+01	mg/kg	Grid Value	1.17E+01	value
194	15	SOU194-196	Arsenic	7.09E+00	mg/kg	Grid Value	8.95E+00	value
194	15	SOU194-196	Chromium	8.50E+01	mg/kg	Grid Value	6.06E+01	value
194	15	SOU194-196	Manganese	4.31E+02	mg/kg	Grid Value	6.10E+02	value
194	15	SOU194-196	Nickel	6.50E+01	mg/kg	Grid Value	7.98E+01	value
194	15	SOU194-196	Silver	1.00E+01	mg/kg	Grid Value	1.17E+01	value
194	15	SOU194-197	Arsenic	5.55E+00	mg/kg	Grid Value	8.95E+00	value
194	15	SOU194-197	Chromium	4.49E+01	mg/kg	Grid Value	6.06E+01	value
194	15	SOU194-197	Manganese	8.99E+02	mg/kg	Grid Value	6.10E+02	value
194	15	SOU194-197	Nickel	6.70E+00	mg/kg	Grid Value	7.98E+01	value
194	15	SOU194-197	Silver	3.10E-02	mg/kg	Grid Value	1.17E+01	value
194	15	SOU194-209	Arsenic	1.01E+01	mg/kg	Grid Value	8.95E+00	value
194	15	SOU194-209	Chromium	4.40E+01	mg/kg	Grid Value	6.06E+01	value
194	15	SOU194-209	Manganese	5.78E+02	mg/kg	Grid Value	6.10E+02	value
194	15	SOU194-209	Nickel	6.50E+01	mg/kg	Grid Value	7.98E+01	value
194	15	SOU194-209	Silver	1.00E+01	mg/kg	Grid Value	1.17E+01	value
194	15	SOU194-210	Arsenic	8.09E+00	mg/kg	Avg	8.95E+00	value
194	15	SOU194-210	Chromium	5.49E+01	mg/kg	Avg	6.06E+01	value
194	15	SOU194-210	Manganese	5.18E+02	mg/kg	Avg	6.10E+02	value
194	15	SOU194-210	Nickel	6.23E+01	mg/kg	Avg	7.98E+01	value
194	15	SOU194-210	Silver	9.36E+00	mg/kg	Avg	1.17E+01	value
194	15	SOU194-211	Arsenic	1.10E+01	mg/kg	Grid Value	8.95E+00	value
194	15	SOU194-211	Chromium	3.91E+01	mg/kg	Grid Value	6.06E+01	value
194	15	SOU194-211	Manganese	4.82E+02	mg/kg	Grid Value	6.10E+02	value
194	15	SOU194-211	Nickel	6.50E+01	mg/kg	Grid Value	7.98E+01	value
194	15	SOU194-211	Silver	1.00E+01	mg/kg	Grid Value	1.17E+01	value
194	15	SOU194-212	Arsenic	6.03E+00	mg/kg	Grid Value	8.95E+00	value
194	15	SOU194-212	Chromium	4.85E+01	mg/kg	Grid Value	6.06E+01	value
194	15	SOU194-212	Manganese	3.44E+02	mg/kg	Grid Value	6.10E+02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	15	SOU194-212	Nickel	6.50E+01	mg/kg	Grid Value	7.98E+01	value
194	15	SOU194-212	Silver	1.00E+01	mg/kg	Grid Value	1.17E+01	value
194	15	SOU194-224	Arsenic	6.46E+00	mg/kg	Grid Value	8.95E+00	value
194	15	SOU194-224	Chromium	8.50E+01	mg/kg	Grid Value	6.06E+01	value
194	15	SOU194-224	Manganese	4.52E+02	mg/kg	Grid Value	6.10E+02	value
194	15	SOU194-224	Nickel	6.50E+01	mg/kg	Grid Value	7.98E+01	value
194	15	SOU194-224	Silver	1.00E+01	mg/kg	Grid Value	1.17E+01	value
194	15	SOU194-225	Arsenic	8.09E+00	mg/kg	Avg	8.95E+00	value
194	15	SOU194-225	Chromium	5.49E+01	mg/kg	Avg	6.06E+01	value
194	15	SOU194-225	Manganese	5.18E+02	mg/kg	Avg	6.10E+02	value
194	15	SOU194-225	Nickel	6.23E+01	mg/kg	Avg	7.98E+01	value
194	15	SOU194-225	Silver	9.36E+00	mg/kg	Avg	1.17E+01	value
194	15	SOU194-226	Arsenic	6.84E+00	mg/kg	Grid Value	8.95E+00	value
194	15	SOU194-226	Chromium	4.87E+01	mg/kg	Grid Value	6.06E+01	value
194	15	SOU194-226	Manganese	4.33E+02	mg/kg	Grid Value	6.10E+02	value
194	15	SOU194-226	Nickel	6.50E+01	mg/kg	Grid Value	7.98E+01	value
194	15	SOU194-226	Silver	1.00E+01	mg/kg	Grid Value	1.17E+01	value
194	15	SOU194-227	Arsenic	8.88E+00	mg/kg	Grid Value	8.95E+00	value
194	15	SOU194-227	Chromium	5.33E+01	mg/kg	Grid Value	6.06E+01	value
194	15	SOU194-227	Manganese	5.14E+02	mg/kg	Grid Value	6.10E+02	value
194	15	SOU194-227	Nickel	6.50E+01	mg/kg	Grid Value	7.98E+01	value
194	15	SOU194-227	Silver	1.00E+01	mg/kg	Grid Value	1.17E+01	value
194	15	SOU194-238	Arsenic	8.10E+00	mg/kg	Grid Value	8.95E+00	value
194	15	SOU194-238	Chromium	3.41E+01	mg/kg	Grid Value	6.06E+01	value
194	15	SOU194-238	Manganese	4.06E+02	mg/kg	Grid Value	6.10E+02	value
194	15	SOU194-238	Nickel	6.50E+01	mg/kg	Grid Value	7.98E+01	value
194	15	SOU194-238	Silver	1.00E+01	mg/kg	Grid Value	1.17E+01	value
194	15	SOU194-239	Arsenic	8.09E+00	mg/kg	Avg	8.95E+00	value
194	15	SOU194-239	Chromium	5.49E+01	mg/kg	Avg	6.06E+01	value
194	15	SOU194-239	Manganese	5.18E+02	mg/kg	Avg	6.10E+02	value
194	15	SOU194-239	Nickel	6.23E+01	mg/kg	Avg	7.98E+01	value
194	15	SOU194-239	Silver	9.36E+00	mg/kg	Avg	1.17E+01	value
194	15	SOU194-240	Arsenic	6.19E+00	mg/kg	Grid Value	8.95E+00	value
194	15	SOU194-240	Chromium	4.01E+01	mg/kg	Grid Value	6.06E+01	value
194	15	SOU194-240	Manganese	1.96E+02	mg/kg	Grid Value	6.10E+02	value
194	15	SOU194-240	Nickel	8.83E+01	mg/kg	Grid Value	7.98E+01	value
194	15	SOU194-240	Silver	1.00E+01	mg/kg	Grid Value	1.17E+01	value
194	15	SOU194-241	Arsenic	1.10E+01	mg/kg	Grid Value	8.95E+00	value
194	15	SOU194-241	Chromium	4.59E+01	mg/kg	Grid Value	6.06E+01	value
194	15	SOU194-241	Manganese	9.30E+02	mg/kg	Grid Value	6.10E+02	value
194	15	SOU194-241	Nickel	6.50E+01	mg/kg	Grid Value	7.98E+01	value
194	15	SOU194-241	Silver	1.17E+01	mg/kg	Grid Value	1.17E+01	value
194	16	SOU194-198	Antimony	4.67E-01	mg/kg	Avg	5.08E-01	value
194	16	SOU194-198	Arsenic	1.10E+01	mg/kg	Grid Value	1.09E+01	value
194	16	SOU194-198	Beryllium	6.10E-01	mg/kg	Avg	6.46E-01	value
194	16	SOU194-198	Chromium	3.39E+01	mg/kg	Grid Value	5.32E+01	value
194	16	SOU194-198	Manganese	4.13E+02	mg/kg	Grid Value	1.72E+03	value
194	16	SOU194-198	Nickel	6.50E+01	mg/kg	Grid Value	8.59E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	16	SOU194-198	Silver	1.00E+01	mg/kg	Grid Value	1.23E+01	value
194	16	SOU194-198	Thallium	3.40E-01	mg/kg	Avg	3.81E-01	value
194	16	SOU194-198	Vanadium	3.10E+01	mg/kg	Avg	3.24E+01	value
194	16	SOU194-199	Antimony	4.67E-01	mg/kg	Avg	5.08E-01	value
194	16	SOU194-199	Arsenic	6.35E+00	mg/kg	Grid Value	1.09E+01	value
194	16	SOU194-199	Beryllium	6.10E-01	mg/kg	Avg	6.46E-01	value
194	16	SOU194-199	Chromium	4.20E+01	mg/kg	Grid Value	5.32E+01	value
194	16	SOU194-199	Manganese	4.75E+02	mg/kg	Grid Value	1.72E+03	value
194	16	SOU194-199	Nickel	6.50E+01	mg/kg	Grid Value	8.59E+01	value
194	16	SOU194-199	Silver	1.00E+01	mg/kg	Grid Value	1.23E+01	value
194	16	SOU194-199	Thallium	3.40E-01	mg/kg	Avg	3.81E-01	value
194	16	SOU194-199	Vanadium	3.10E+01	mg/kg	Avg	3.24E+01	value
194	16	SOU194-200	Antimony	4.67E-01	mg/kg	Avg	5.08E-01	value
194	16	SOU194-200	Arsenic	8.58E+00	mg/kg	Grid Value	1.09E+01	value
194	16	SOU194-200	Beryllium	6.10E-01	mg/kg	Avg	6.46E-01	value
194	16	SOU194-200	Chromium	4.72E+01	mg/kg	Grid Value	5.32E+01	value
194	16	SOU194-200	Manganese	3.65E+02	mg/kg	Grid Value	1.72E+03	value
194	16	SOU194-200	Nickel	6.50E+01	mg/kg	Grid Value	8.59E+01	value
194	16	SOU194-200	Silver	1.00E+01	mg/kg	Grid Value	1.23E+01	value
194	16	SOU194-200	Thallium	3.40E-01	mg/kg	Avg	3.81E-01	value
194	16	SOU194-200	Vanadium	3.10E+01	mg/kg	Avg	3.24E+01	value
194	16	SOU194-201	Antimony	4.67E-01	mg/kg	Avg	5.08E-01	value
194	16	SOU194-201	Arsenic	5.48E+00	mg/kg	Grid Value	1.09E+01	value
194	16	SOU194-201	Beryllium	6.10E-01	mg/kg	Avg	6.46E-01	value
194	16	SOU194-201	Chromium	3.96E+01	mg/kg	Grid Value	5.32E+01	value
194	16	SOU194-201	Manganese	4.11E+02	mg/kg	Grid Value	1.72E+03	value
194	16	SOU194-201	Nickel	6.50E+01	mg/kg	Grid Value	8.59E+01	value
194	16	SOU194-201	Silver	1.00E+01	mg/kg	Grid Value	1.23E+01	value
194	16	SOU194-201	Thallium	3.40E-01	mg/kg	Avg	3.81E-01	value
194	16	SOU194-201	Vanadium	3.10E+01	mg/kg	Avg	3.24E+01	value
194	16	SOU194-213	Antimony	4.67E-01	mg/kg	Avg	5.08E-01	value
194	16	SOU194-213	Arsenic	5.33E+00	mg/kg	Grid Value	1.09E+01	value
194	16	SOU194-213	Beryllium	6.10E-01	mg/kg	Avg	6.46E-01	value
194	16	SOU194-213	Chromium	8.50E+01	mg/kg	Grid Value	5.32E+01	value
194	16	SOU194-213	Manganese	5.85E+02	mg/kg	Grid Value	1.72E+03	value
194	16	SOU194-213	Nickel	6.50E+01	mg/kg	Grid Value	8.59E+01	value
194	16	SOU194-213	Silver	1.00E+01	mg/kg	Grid Value	1.23E+01	value
194	16	SOU194-213	Thallium	3.40E-01	mg/kg	Avg	3.81E-01	value
194	16	SOU194-213	Vanadium	3.10E+01	mg/kg	Avg	3.24E+01	value
194	16	SOU194-214	Antimony	4.67E-01	mg/kg	Avg	5.08E-01	value
194	16	SOU194-214	Arsenic	9.06E+00	mg/kg	Grid Value	1.09E+01	value
194	16	SOU194-214	Beryllium	6.10E-01	mg/kg	Avg	6.46E-01	value
194	16	SOU194-214	Chromium	4.43E+01	mg/kg	Grid Value	5.32E+01	value
194	16	SOU194-214	Manganese	2.03E+02	mg/kg	Grid Value	1.72E+03	value
194	16	SOU194-214	Nickel	6.50E+01	mg/kg	Grid Value	8.59E+01	value
194	16	SOU194-214	Silver	1.00E+01	mg/kg	Grid Value	1.23E+01	value
194	16	SOU194-214	Thallium	3.40E-01	mg/kg	Avg	3.81E-01	value
194	16	SOU194-214	Vanadium	3.10E+01	mg/kg	Avg	3.24E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	16	SOU194-215	Antimony	4.67E-01	mg/kg	Avg	5.08E-01	value
194	16	SOU194-215	Arsenic	1.10E+01	mg/kg	Grid Value	1.09E+01	value
194	16	SOU194-215	Beryllium	6.10E-01	mg/kg	Avg	6.46E-01	value
194	16	SOU194-215	Chromium	4.03E+01	mg/kg	Grid Value	5.32E+01	value
194	16	SOU194-215	Manganese	2.87E+02	mg/kg	Grid Value	1.72E+03	value
194	16	SOU194-215	Nickel	5.76E+01	mg/kg	Grid Value	8.59E+01	value
194	16	SOU194-215	Silver	1.01E+01	mg/kg	Grid Value	1.23E+01	value
194	16	SOU194-215	Thallium	3.40E-01	mg/kg	Avg	3.81E-01	value
194	16	SOU194-215	Vanadium	3.10E+01	mg/kg	Avg	3.24E+01	value
194	16	SOU194-216	Antimony	4.30E-01	mg/kg	Grid Value	5.08E-01	value
194	16	SOU194-216	Arsenic	7.00E+00	mg/kg	Grid Value	1.09E+01	value
194	16	SOU194-216	Beryllium	4.50E-01	mg/kg	Grid Value	6.46E-01	value
194	16	SOU194-216	Chromium	1.27E+01	mg/kg	Grid Value	5.32E+01	value
194	16	SOU194-216	Manganese	5.61E+02	mg/kg	Grid Value	1.72E+03	value
194	16	SOU194-216	Nickel	8.50E+00	mg/kg	Grid Value	8.59E+01	value
194	16	SOU194-216	Silver	2.80E-02	mg/kg	Grid Value	1.23E+01	value
194	16	SOU194-216	Thallium	1.40E-01	mg/kg	Grid Value	3.81E-01	value
194	16	SOU194-216	Vanadium	2.70E+01	mg/kg	Grid Value	3.24E+01	value
194	16	SOU194-228	Antimony	4.67E-01	mg/kg	Avg	5.08E-01	value
194	16	SOU194-228	Arsenic	9.02E+00	mg/kg	Grid Value	1.09E+01	value
194	16	SOU194-228	Beryllium	6.10E-01	mg/kg	Avg	6.46E-01	value
194	16	SOU194-228	Chromium	5.32E+01	mg/kg	Grid Value	5.32E+01	value
194	16	SOU194-228	Manganese	4.45E+02	mg/kg	Grid Value	1.72E+03	value
194	16	SOU194-228	Nickel	6.50E+01	mg/kg	Grid Value	8.59E+01	value
194	16	SOU194-228	Silver	1.23E+01	mg/kg	Grid Value	1.23E+01	value
194	16	SOU194-228	Thallium	3.40E-01	mg/kg	Avg	3.81E-01	value
194	16	SOU194-228	Vanadium	3.10E+01	mg/kg	Avg	3.24E+01	value
194	16	SOU194-229	Antimony	4.67E-01	mg/kg	Avg	5.08E-01	value
194	16	SOU194-229	Arsenic	1.10E+01	mg/kg	Grid Value	1.09E+01	value
194	16	SOU194-229	Beryllium	6.10E-01	mg/kg	Avg	6.46E-01	value
194	16	SOU194-229	Chromium	3.73E+01	mg/kg	Grid Value	5.32E+01	value
194	16	SOU194-229	Manganese	3.57E+02	mg/kg	Grid Value	1.72E+03	value
194	16	SOU194-229	Nickel	6.50E+01	mg/kg	Grid Value	8.59E+01	value
194	16	SOU194-229	Silver	1.00E+01	mg/kg	Grid Value	1.23E+01	value
194	16	SOU194-229	Thallium	3.40E-01	mg/kg	Avg	3.81E-01	value
194	16	SOU194-229	Vanadium	3.10E+01	mg/kg	Avg	3.24E+01	value
194	16	SOU194-230	Antimony	4.67E-01	mg/kg	Avg	5.08E-01	value
194	16	SOU194-230	Arsenic	6.47E+00	mg/kg	Grid Value	1.09E+01	value
194	16	SOU194-230	Beryllium	6.10E-01	mg/kg	Avg	6.46E-01	value
194	16	SOU194-230	Chromium	3.57E+01	mg/kg	Grid Value	5.32E+01	value
194	16	SOU194-230	Manganese	5.59E+02	mg/kg	Grid Value	1.72E+03	value
194	16	SOU194-230	Nickel	7.20E+01	mg/kg	Grid Value	8.59E+01	value
194	16	SOU194-230	Silver	1.00E+01	mg/kg	Grid Value	1.23E+01	value
194	16	SOU194-230	Thallium	3.40E-01	mg/kg	Avg	3.81E-01	value
194	16	SOU194-230	Vanadium	3.10E+01	mg/kg	Avg	3.24E+01	value
194	16	SOU194-231	Antimony	2.30E-01	mg/kg	Grid Value	5.08E-01	value
194	16	SOU194-231	Arsenic	1.43E+01	mg/kg	Grid Value	1.09E+01	value
194	16	SOU194-231	Beryllium	5.10E-01	mg/kg	Grid Value	6.46E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	16	SOU194-231	Chromium	4.42E+01	mg/kg	Grid Value	5.32E+01	value
194	16	SOU194-231	Manganese	3.86E+03	mg/kg	Grid Value	1.72E+03	value
194	16	SOU194-231	Nickel	1.08E+02	mg/kg	Grid Value	8.59E+01	value
194	16	SOU194-231	Silver	1.15E+01	mg/kg	Grid Value	1.23E+01	value
194	16	SOU194-231	Thallium	2.50E-01	mg/kg	Grid Value	3.81E-01	value
194	16	SOU194-231	Vanadium	2.49E+01	mg/kg	Grid Value	3.24E+01	value
194	16	SOU194-242	Antimony	4.67E-01	mg/kg	Avg	5.08E-01	value
194	16	SOU194-242	Arsenic	7.49E+00	mg/kg	Grid Value	1.09E+01	value
194	16	SOU194-242	Beryllium	6.10E-01	mg/kg	Avg	6.46E-01	value
194	16	SOU194-242	Chromium	8.50E+01	mg/kg	Grid Value	5.32E+01	value
194	16	SOU194-242	Manganese	4.42E+02	mg/kg	Grid Value	1.72E+03	value
194	16	SOU194-242	Nickel	6.50E+01	mg/kg	Grid Value	8.59E+01	value
194	16	SOU194-242	Silver	1.06E+01	mg/kg	Grid Value	1.23E+01	value
194	16	SOU194-242	Thallium	3.40E-01	mg/kg	Avg	3.81E-01	value
194	16	SOU194-242	Vanadium	3.10E+01	mg/kg	Avg	3.24E+01	value
194	16	SOU194-243	Antimony	7.40E-01	mg/kg	Grid Value	5.08E-01	value
194	16	SOU194-243	Arsenic	1.78E+01	mg/kg	Grid Value	1.09E+01	value
194	16	SOU194-243	Beryllium	8.70E-01	mg/kg	Grid Value	6.46E-01	value
194	16	SOU194-243	Chromium	4.51E+01	mg/kg	Grid Value	5.32E+01	value
194	16	SOU194-243	Manganese	1.88E+03	mg/kg	Grid Value	1.72E+03	value
194	16	SOU194-243	Nickel	8.60E+00	mg/kg	Grid Value	8.59E+01	value
194	16	SOU194-243	Silver	3.30E-02	mg/kg	Grid Value	1.23E+01	value
194	16	SOU194-243	Thallium	6.30E-01	mg/kg	Grid Value	3.81E-01	value
194	16	SOU194-243	Vanadium	4.11E+01	mg/kg	Grid Value	3.24E+01	value
194	16	SOU194-244	Antimony	4.67E-01	mg/kg	Avg	5.08E-01	value
194	16	SOU194-244	Arsenic	1.12E+01	mg/kg	Grid Value	1.09E+01	value
194	16	SOU194-244	Beryllium	6.10E-01	mg/kg	Avg	6.46E-01	value
194	16	SOU194-244	Chromium	4.48E+01	mg/kg	Grid Value	5.32E+01	value
194	16	SOU194-244	Manganese	3.36E+02	mg/kg	Grid Value	1.72E+03	value
194	16	SOU194-244	Nickel	6.50E+01	mg/kg	Grid Value	8.59E+01	value
194	16	SOU194-244	Silver	1.00E+01	mg/kg	Grid Value	1.23E+01	value
194	16	SOU194-244	Thallium	3.40E-01	mg/kg	Avg	3.81E-01	value
194	16	SOU194-244	Vanadium	3.10E+01	mg/kg	Avg	3.24E+01	value
194	16	SOU194-245	Antimony	4.67E-01	mg/kg	Avg	5.08E-01	value
194	16	SOU194-245	Arsenic	1.04E+01	mg/kg	Grid Value	1.09E+01	value
194	16	SOU194-245	Beryllium	6.10E-01	mg/kg	Avg	6.46E-01	value
194	16	SOU194-245	Chromium	8.50E+01	mg/kg	Grid Value	5.32E+01	value
194	16	SOU194-245	Manganese	2.61E+02	mg/kg	Grid Value	1.72E+03	value
194	16	SOU194-245	Nickel	6.50E+01	mg/kg	Grid Value	8.59E+01	value
194	16	SOU194-245	Silver	1.00E+01	mg/kg	Grid Value	1.23E+01	value
194	16	SOU194-245	Thallium	3.40E-01	mg/kg	Avg	3.81E-01	value
194	16	SOU194-245	Vanadium	3.10E+01	mg/kg	Avg	3.24E+01	value
194	17	SOU194-202	Arsenic	6.41E+00	mg/kg	Grid Value	1.12E+01	value
194	17	SOU194-202	Cadmium	3.00E-02	mg/kg	Grid Value	8.52E-01	value
194	17	SOU194-202	Chromium	5.40E+01	mg/kg	Grid Value	5.45E+01	value
194	17	SOU194-202	Nickel	1.00E+01	mg/kg	Grid Value	6.94E+01	value
194	17	SOU194-202	Total PAH	1.87E-02	mg/kg	Grid Value	1.04E-01	value
194	17	SOU194-202	Cesium-137	-9.00E-03	pCi/g	Grid Value	2.53E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	17	SOU194-203	Arsenic	1.01E+01	mg/kg	Avg	1.12E+01	value
194	17	SOU194-203	Cadmium	5.65E-01	mg/kg	Avg	8.52E-01	value
194	17	SOU194-203	Chromium	4.61E+01	mg/kg	Avg	5.45E+01	value
194	17	SOU194-203	Nickel	5.15E+01	mg/kg	Avg	6.94E+01	value
194	17	SOU194-203	Total PAH	8.87E-02	mg/kg	Avg	1.04E-01	value
194	17	SOU194-203	Cesium-137	1.62E-01	pCi/g	Avg	2.53E-01	value
194	17	SOU194-204	Arsenic	1.15E+01	mg/kg	Grid Value	1.12E+01	value
194	17	SOU194-204	Cadmium	5.65E-01	mg/kg	Avg	8.52E-01	value
194	17	SOU194-204	Chromium	5.59E+01	mg/kg	Grid Value	5.45E+01	value
194	17	SOU194-204	Nickel	6.94E+01	mg/kg	Grid Value	6.94E+01	value
194	17	SOU194-204	Total PAH	8.87E-02	mg/kg	Avg	1.04E-01	value
194	17	SOU194-204	Cesium-137	1.62E-01	pCi/g	Avg	2.53E-01	value
194	17	SOU194-205	Arsenic	1.10E+01	mg/kg	Grid Value	1.12E+01	value
194	17	SOU194-205	Cadmium	5.65E-01	mg/kg	Avg	8.52E-01	value
194	17	SOU194-205	Chromium	2.95E+01	mg/kg	Grid Value	5.45E+01	value
194	17	SOU194-205	Nickel	6.50E+01	mg/kg	Grid Value	6.94E+01	value
194	17	SOU194-205	Total PAH	8.87E-02	mg/kg	Avg	1.04E-01	value
194	17	SOU194-205	Cesium-137	1.62E-01	pCi/g	Avg	2.53E-01	value
194	17	SOU194-217	Arsenic	6.05E+00	mg/kg	Grid Value	1.12E+01	value
194	17	SOU194-217	Cadmium	5.65E-01	mg/kg	Avg	8.52E-01	value
194	17	SOU194-217	Chromium	4.56E+01	mg/kg	Grid Value	5.45E+01	value
194	17	SOU194-217	Nickel	6.50E+01	mg/kg	Grid Value	6.94E+01	value
194	17	SOU194-217	Total PAH	8.87E-02	mg/kg	Avg	1.04E-01	value
194	17	SOU194-217	Cesium-137	1.62E-01	pCi/g	Avg	2.53E-01	value
194	17	SOU194-218	Arsenic	1.01E+01	mg/kg	Avg	1.12E+01	value
194	17	SOU194-218	Cadmium	5.65E-01	mg/kg	Avg	8.52E-01	value
194	17	SOU194-218	Chromium	4.61E+01	mg/kg	Avg	5.45E+01	value
194	17	SOU194-218	Nickel	5.15E+01	mg/kg	Avg	6.94E+01	value
194	17	SOU194-218	Total PAH	8.87E-02	mg/kg	Avg	1.04E-01	value
194	17	SOU194-218	Cesium-137	1.62E-01	pCi/g	Avg	2.53E-01	value
194	17	SOU194-219	Arsenic	1.40E+01	mg/kg	Grid Value	1.12E+01	value
194	17	SOU194-219	Cadmium	5.65E-01	mg/kg	Avg	8.52E-01	value
194	17	SOU194-219	Chromium	8.50E+01	mg/kg	Grid Value	5.45E+01	value
194	17	SOU194-219	Nickel	6.50E+01	mg/kg	Grid Value	6.94E+01	value
194	17	SOU194-219	Total PAH	8.87E-02	mg/kg	Avg	1.04E-01	value
194	17	SOU194-219	Cesium-137	1.62E-01	pCi/g	Avg	2.53E-01	value
194	17	SOU194-220	Arsenic	9.48E+00	mg/kg	Grid Value	1.12E+01	value
194	17	SOU194-220	Cadmium	1.10E+00	mg/kg	Grid Value	8.52E-01	value
194	17	SOU194-220	Chromium	1.64E+01	mg/kg	Grid Value	5.45E+01	value
194	17	SOU194-220	Nickel	7.70E+00	mg/kg	Grid Value	6.94E+01	value
194	17	SOU194-220	Total PAH	1.59E-01	mg/kg	Grid Value	1.04E-01	value
194	17	SOU194-220	Cesium-137	3.32E-01	pCi/g	Grid Value	2.53E-01	value
194	17	SOU194-232	Arsenic	1.10E+01	mg/kg	Grid Value	1.12E+01	value
194	17	SOU194-232	Cadmium	5.65E-01	mg/kg	Avg	8.52E-01	value
194	17	SOU194-232	Chromium	4.65E+01	mg/kg	Grid Value	5.45E+01	value
194	17	SOU194-232	Nickel	6.50E+01	mg/kg	Grid Value	6.94E+01	value
194	17	SOU194-232	Total PAH	8.87E-02	mg/kg	Avg	1.04E-01	value
194	17	SOU194-232	Cesium-137	1.62E-01	pCi/g	Avg	2.53E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	17	SOU194-233	Arsenic	1.01E+01	mg/kg	Avg	1.12E+01	value
194	17	SOU194-233	Cadmium	5.65E-01	mg/kg	Avg	8.52E-01	value
194	17	SOU194-233	Chromium	4.61E+01	mg/kg	Avg	5.45E+01	value
194	17	SOU194-233	Nickel	5.15E+01	mg/kg	Avg	6.94E+01	value
194	17	SOU194-233	Total PAH	8.87E-02	mg/kg	Avg	1.04E-01	value
194	17	SOU194-233	Cesium-137	1.62E-01	pCi/g	Avg	2.53E-01	value
194	17	SOU194-246	Arsenic	1.10E+01	mg/kg	Grid Value	1.12E+01	value
194	17	SOU194-246	Cadmium	5.65E-01	mg/kg	Avg	8.52E-01	value
194	17	SOU194-246	Chromium	3.56E+01	mg/kg	Grid Value	5.45E+01	value
194	17	SOU194-246	Nickel	6.50E+01	mg/kg	Grid Value	6.94E+01	value
194	17	SOU194-246	Total PAH	8.87E-02	mg/kg	Avg	1.04E-01	value
194	17	SOU194-246	Cesium-137	1.62E-01	pCi/g	Avg	2.53E-01	value
194	17	SOU194-247	Arsenic	1.01E+01	mg/kg	Avg	1.12E+01	value
194	17	SOU194-247	Cadmium	5.65E-01	mg/kg	Avg	8.52E-01	value
194	17	SOU194-247	Chromium	4.61E+01	mg/kg	Avg	5.45E+01	value
194	17	SOU194-247	Nickel	5.15E+01	mg/kg	Avg	6.94E+01	value
194	17	SOU194-247	Total PAH	8.87E-02	mg/kg	Avg	1.04E-01	value
194	17	SOU194-247	Cesium-137	1.62E-01	pCi/g	Avg	2.53E-01	value
194	18	SOU194-248	Aluminum	1.58E+04	mg/kg	Avg	1.67E+04	value
194	18	SOU194-248	Antimony	5.75E-01	mg/kg	Avg	5.94E-01	value
194	18	SOU194-248	Arsenic	8.95E+00	mg/kg	Grid Value	1.19E+01	value
194	18	SOU194-248	Beryllium	7.15E-01	mg/kg	Avg	7.21E-01	value
194	18	SOU194-248	Chromium	3.57E+01	mg/kg	Grid Value	6.85E+01	value
194	18	SOU194-248	Iron	1.26E+04	mg/kg	Grid Value	2.10E+04	value
194	18	SOU194-248	Manganese	9.33E+01	mg/kg	Grid Value	7.72E+02	value
194	18	SOU194-248	Nickel	6.50E+01	mg/kg	Grid Value	9.80E+01	value
194	18	SOU194-248	Thallium	2.85E-01	mg/kg	Avg	3.04E-01	value
194	18	SOU194-248	Vanadium	3.85E+01	mg/kg	Avg	3.90E+01	value
194	18	SOU194-249	Aluminum	1.98E+04	mg/kg	Grid Value	1.67E+04	value
194	18	SOU194-249	Antimony	6.60E-01	mg/kg	Grid Value	5.94E-01	value
194	18	SOU194-249	Arsenic	1.33E+01	mg/kg	Grid Value	1.19E+01	value
194	18	SOU194-249	Beryllium	6.90E-01	mg/kg	Grid Value	7.21E-01	value
194	18	SOU194-249	Chromium	6.85E+01	mg/kg	Grid Value	6.85E+01	value
194	18	SOU194-249	Iron	3.00E+04	mg/kg	Grid Value	2.10E+04	value
194	18	SOU194-249	Manganese	3.15E+02	mg/kg	Grid Value	7.72E+02	value
194	18	SOU194-249	Nickel	1.96E+01	mg/kg	Grid Value	9.80E+01	value
194	18	SOU194-249	Thallium	3.70E-01	mg/kg	Grid Value	3.04E-01	value
194	18	SOU194-249	Vanadium	4.11E+01	mg/kg	Grid Value	3.90E+01	value
194	18	SOU194-250	Aluminum	1.58E+04	mg/kg	Avg	1.67E+04	value
194	18	SOU194-250	Antimony	5.75E-01	mg/kg	Avg	5.94E-01	value
194	18	SOU194-250	Arsenic	8.86E+00	mg/kg	Grid Value	1.19E+01	value
194	18	SOU194-250	Beryllium	7.15E-01	mg/kg	Avg	7.21E-01	value
194	18	SOU194-250	Chromium	5.46E+01	mg/kg	Grid Value	6.85E+01	value
194	18	SOU194-250	Iron	1.24E+04	mg/kg	Grid Value	2.10E+04	value
194	18	SOU194-250	Manganese	5.04E+02	mg/kg	Grid Value	7.72E+02	value
194	18	SOU194-250	Nickel	6.34E+01	mg/kg	Grid Value	9.80E+01	value
194	18	SOU194-250	Thallium	2.85E-01	mg/kg	Avg	3.04E-01	value
194	18	SOU194-250	Vanadium	3.85E+01	mg/kg	Avg	3.90E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	18	SOU194-251	Aluminum	1.58E+04	mg/kg	Avg	1.67E+04	value
194	18	SOU194-251	Antimony	5.75E-01	mg/kg	Avg	5.94E-01	value
194	18	SOU194-251	Arsenic	9.70E+00	mg/kg	Grid Value	1.19E+01	value
194	18	SOU194-251	Beryllium	7.15E-01	mg/kg	Avg	7.21E-01	value
194	18	SOU194-251	Chromium	8.50E+01	mg/kg	Grid Value	6.85E+01	value
194	18	SOU194-251	Iron	1.24E+04	mg/kg	Grid Value	2.10E+04	value
194	18	SOU194-251	Manganese	2.23E+02	mg/kg	Grid Value	7.72E+02	value
194	18	SOU194-251	Nickel	6.50E+01	mg/kg	Grid Value	9.80E+01	value
194	18	SOU194-251	Thallium	2.85E-01	mg/kg	Avg	3.04E-01	value
194	18	SOU194-251	Vanadium	3.85E+01	mg/kg	Avg	3.90E+01	value
194	18	SOU194-262	Aluminum	1.58E+04	mg/kg	Avg	1.67E+04	value
194	18	SOU194-262	Antimony	5.75E-01	mg/kg	Avg	5.94E-01	value
194	18	SOU194-262	Arsenic	8.77E+00	mg/kg	Grid Value	1.19E+01	value
194	18	SOU194-262	Beryllium	7.15E-01	mg/kg	Avg	7.21E-01	value
194	18	SOU194-262	Chromium	8.50E+01	mg/kg	Grid Value	6.85E+01	value
194	18	SOU194-262	Iron	1.54E+04	mg/kg	Grid Value	2.10E+04	value
194	18	SOU194-262	Manganese	3.21E+02	mg/kg	Grid Value	7.72E+02	value
194	18	SOU194-262	Nickel	6.50E+01	mg/kg	Grid Value	9.80E+01	value
194	18	SOU194-262	Thallium	2.85E-01	mg/kg	Avg	3.04E-01	value
194	18	SOU194-262	Vanadium	3.85E+01	mg/kg	Avg	3.90E+01	value
194	18	SOU194-263	Aluminum	1.58E+04	mg/kg	Avg	1.67E+04	value
194	18	SOU194-263	Antimony	5.75E-01	mg/kg	Avg	5.94E-01	value
194	18	SOU194-263	Arsenic	7.29E+00	mg/kg	Grid Value	1.19E+01	value
194	18	SOU194-263	Beryllium	7.15E-01	mg/kg	Avg	7.21E-01	value
194	18	SOU194-263	Chromium	5.44E+01	mg/kg	Grid Value	6.85E+01	value
194	18	SOU194-263	Iron	1.89E+04	mg/kg	Grid Value	2.10E+04	value
194	18	SOU194-263	Manganese	3.52E+02	mg/kg	Grid Value	7.72E+02	value
194	18	SOU194-263	Nickel	6.20E+01	mg/kg	Grid Value	9.80E+01	value
194	18	SOU194-263	Thallium	2.85E-01	mg/kg	Avg	3.04E-01	value
194	18	SOU194-263	Vanadium	3.85E+01	mg/kg	Avg	3.90E+01	value
194	18	SOU194-264	Aluminum	1.58E+04	mg/kg	Avg	1.67E+04	value
194	18	SOU194-264	Antimony	5.75E-01	mg/kg	Avg	5.94E-01	value
194	18	SOU194-264	Arsenic	1.68E+01	mg/kg	Grid Value	1.19E+01	value
194	18	SOU194-264	Beryllium	7.15E-01	mg/kg	Avg	7.21E-01	value
194	18	SOU194-264	Chromium	4.76E+01	mg/kg	Grid Value	6.85E+01	value
194	18	SOU194-264	Iron	2.43E+04	mg/kg	Grid Value	2.10E+04	value
194	18	SOU194-264	Manganese	9.74E+02	mg/kg	Grid Value	7.72E+02	value
194	18	SOU194-264	Nickel	1.05E+02	mg/kg	Grid Value	9.80E+01	value
194	18	SOU194-264	Thallium	2.85E-01	mg/kg	Avg	3.04E-01	value
194	18	SOU194-264	Vanadium	3.85E+01	mg/kg	Avg	3.90E+01	value
194	18	SOU194-265	Aluminum	1.58E+04	mg/kg	Avg	1.67E+04	value
194	18	SOU194-265	Antimony	5.75E-01	mg/kg	Avg	5.94E-01	value
194	18	SOU194-265	Arsenic	1.02E+01	mg/kg	Grid Value	1.19E+01	value
194	18	SOU194-265	Beryllium	7.15E-01	mg/kg	Avg	7.21E-01	value
194	18	SOU194-265	Chromium	8.50E+01	mg/kg	Grid Value	6.85E+01	value
194	18	SOU194-265	Iron	1.56E+04	mg/kg	Grid Value	2.10E+04	value
194	18	SOU194-265	Manganese	7.99E+02	mg/kg	Grid Value	7.72E+02	value
194	18	SOU194-265	Nickel	6.50E+01	mg/kg	Grid Value	9.80E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	18	SOU194-265	Thallium	2.85E-01	mg/kg	Avg	3.04E-01	value
194	18	SOU194-265	Vanadium	3.85E+01	mg/kg	Avg	3.90E+01	value
194	18	SOU194-276	Aluminum	1.58E+04	mg/kg	Avg	1.67E+04	value
194	18	SOU194-276	Antimony	5.75E-01	mg/kg	Avg	5.94E-01	value
194	18	SOU194-276	Arsenic	7.68E+00	mg/kg	Grid Value	1.19E+01	value
194	18	SOU194-276	Beryllium	7.15E-01	mg/kg	Avg	7.21E-01	value
194	18	SOU194-276	Chromium	4.01E+01	mg/kg	Grid Value	6.85E+01	value
194	18	SOU194-276	Iron	1.33E+04	mg/kg	Grid Value	2.10E+04	value
194	18	SOU194-276	Manganese	1.34E+03	mg/kg	Grid Value	7.72E+02	value
194	18	SOU194-276	Nickel	7.79E+01	mg/kg	Grid Value	9.80E+01	value
194	18	SOU194-276	Thallium	2.85E-01	mg/kg	Avg	3.04E-01	value
194	18	SOU194-276	Vanadium	3.85E+01	mg/kg	Avg	3.90E+01	value
194	18	SOU194-277	Aluminum	1.58E+04	mg/kg	Avg	1.67E+04	value
194	18	SOU194-277	Antimony	5.75E-01	mg/kg	Avg	5.94E-01	value
194	18	SOU194-277	Arsenic	8.10E+00	mg/kg	Grid Value	1.19E+01	value
194	18	SOU194-277	Beryllium	7.15E-01	mg/kg	Avg	7.21E-01	value
194	18	SOU194-277	Chromium	8.50E+01	mg/kg	Grid Value	6.85E+01	value
194	18	SOU194-277	Iron	2.10E+04	mg/kg	Grid Value	2.10E+04	value
194	18	SOU194-277	Manganese	6.01E+02	mg/kg	Grid Value	7.72E+02	value
194	18	SOU194-277	Nickel	1.04E+02	mg/kg	Grid Value	9.80E+01	value
194	18	SOU194-277	Thallium	2.85E-01	mg/kg	Avg	3.04E-01	value
194	18	SOU194-277	Vanadium	3.85E+01	mg/kg	Avg	3.90E+01	value
194	18	SOU194-278	Aluminum	1.58E+04	mg/kg	Avg	1.67E+04	value
194	18	SOU194-278	Antimony	5.75E-01	mg/kg	Avg	5.94E-01	value
194	18	SOU194-278	Arsenic	1.15E+01	mg/kg	Grid Value	1.19E+01	value
194	18	SOU194-278	Beryllium	7.15E-01	mg/kg	Avg	7.21E-01	value
194	18	SOU194-278	Chromium	8.50E+01	mg/kg	Grid Value	6.85E+01	value
194	18	SOU194-278	Iron	2.08E+04	mg/kg	Grid Value	2.10E+04	value
194	18	SOU194-278	Manganese	4.80E+02	mg/kg	Grid Value	7.72E+02	value
194	18	SOU194-278	Nickel	6.41E+01	mg/kg	Grid Value	9.80E+01	value
194	18	SOU194-278	Thallium	2.85E-01	mg/kg	Avg	3.04E-01	value
194	18	SOU194-278	Vanadium	3.85E+01	mg/kg	Avg	3.90E+01	value
194	18	SOU194-279	Aluminum	1.18E+04	mg/kg	Grid Value	1.67E+04	value
194	18	SOU194-279	Antimony	4.90E-01	mg/kg	Grid Value	5.94E-01	value
194	18	SOU194-279	Arsenic	1.35E+01	mg/kg	Grid Value	1.19E+01	value
194	18	SOU194-279	Beryllium	7.40E-01	mg/kg	Grid Value	7.21E-01	value
194	18	SOU194-279	Chromium	4.89E+01	mg/kg	Grid Value	6.85E+01	value
194	18	SOU194-279	Iron	2.13E+04	mg/kg	Grid Value	2.10E+04	value
194	18	SOU194-279	Manganese	9.73E+02	mg/kg	Grid Value	7.72E+02	value
194	18	SOU194-279	Nickel	1.40E+01	mg/kg	Grid Value	9.80E+01	value
194	18	SOU194-279	Thallium	2.00E-01	mg/kg	Grid Value	3.04E-01	value
194	18	SOU194-279	Vanadium	3.58E+01	mg/kg	Grid Value	3.90E+01	value
194	19	SOU194-252	Arsenic	6.70E+00	mg/kg	Grid Value	9.96E+00	value
194	19	SOU194-252	Chromium	3.67E+01	mg/kg	Grid Value	4.84E+01	value
194	19	SOU194-252	Nickel	6.50E+01	mg/kg	Grid Value	6.83E+01	value
194	19	SOU194-252	Silver	1.00E+01	mg/kg	Grid Value	9.44E+00	value
194	19	SOU194-253	Arsenic	9.01E+00	mg/kg	Avg	9.96E+00	value
194	19	SOU194-253	Chromium	4.88E+01	mg/kg	Avg	4.84E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	19	SOU194-253	Nickel	6.59E+01	mg/kg	Avg	6.83E+01	value
194	19	SOU194-253	Silver	7.44E+00	mg/kg	Avg	9.44E+00	value
194	19	SOU194-254	Arsenic	1.10E+01	mg/kg	Grid Value	9.96E+00	value
194	19	SOU194-254	Chromium	4.84E+01	mg/kg	Grid Value	4.84E+01	value
194	19	SOU194-254	Nickel	6.50E+01	mg/kg	Grid Value	6.83E+01	value
194	19	SOU194-254	Silver	1.00E+01	mg/kg	Grid Value	9.44E+00	value
194	19	SOU194-255	Arsenic	6.00E+00	mg/kg	Grid Value	9.96E+00	value
194	19	SOU194-255	Chromium	1.36E+01	mg/kg	Grid Value	4.84E+01	value
194	19	SOU194-255	Nickel	5.84E+01	mg/kg	Grid Value	6.83E+01	value
194	19	SOU194-255	Silver	4.00E-02	mg/kg	Grid Value	9.44E+00	value
194	19	SOU194-266	Arsenic	1.10E+01	mg/kg	Grid Value	9.96E+00	value
194	19	SOU194-266	Chromium	8.50E+01	mg/kg	Grid Value	4.84E+01	value
194	19	SOU194-266	Nickel	6.50E+01	mg/kg	Grid Value	6.83E+01	value
194	19	SOU194-266	Silver	1.00E+01	mg/kg	Grid Value	9.44E+00	value
194	19	SOU194-267	Arsenic	9.01E+00	mg/kg	Avg	9.96E+00	value
194	19	SOU194-267	Chromium	4.88E+01	mg/kg	Avg	4.84E+01	value
194	19	SOU194-267	Nickel	6.59E+01	mg/kg	Avg	6.83E+01	value
194	19	SOU194-267	Silver	7.44E+00	mg/kg	Avg	9.44E+00	value
194	19	SOU194-268	Arsenic	6.74E+00	mg/kg	Grid Value	9.96E+00	value
194	19	SOU194-268	Chromium	8.50E+01	mg/kg	Grid Value	4.84E+01	value
194	19	SOU194-268	Nickel	6.50E+01	mg/kg	Grid Value	6.83E+01	value
194	19	SOU194-268	Silver	1.00E+01	mg/kg	Grid Value	9.44E+00	value
194	19	SOU194-269	Arsenic	9.46E+00	mg/kg	Grid Value	9.96E+00	value
194	19	SOU194-269	Chromium	3.68E+01	mg/kg	Grid Value	4.84E+01	value
194	19	SOU194-269	Nickel	6.50E+01	mg/kg	Grid Value	6.83E+01	value
194	19	SOU194-269	Silver	9.44E+00	mg/kg	Grid Value	9.44E+00	value
194	19	SOU194-280	Arsenic	9.01E+00	mg/kg	Avg	9.96E+00	value
194	19	SOU194-280	Chromium	4.88E+01	mg/kg	Avg	4.84E+01	value
194	19	SOU194-280	Nickel	6.59E+01	mg/kg	Avg	6.83E+01	value
194	19	SOU194-280	Silver	7.44E+00	mg/kg	Avg	9.44E+00	value
194	19	SOU194-281	Arsenic	9.01E+00	mg/kg	Avg	9.96E+00	value
194	19	SOU194-281	Chromium	4.88E+01	mg/kg	Avg	4.84E+01	value
194	19	SOU194-281	Nickel	6.59E+01	mg/kg	Avg	6.83E+01	value
194	19	SOU194-281	Silver	7.44E+00	mg/kg	Avg	9.44E+00	value
194	19	SOU194-282	Arsenic	9.18E+00	mg/kg	Grid Value	9.96E+00	value
194	19	SOU194-282	Chromium	4.66E+01	mg/kg	Grid Value	4.84E+01	value
194	19	SOU194-282	Nickel	7.88E+01	mg/kg	Grid Value	6.83E+01	value
194	19	SOU194-282	Silver	3.40E-02	mg/kg	Grid Value	9.44E+00	value
194	19	SOU194-283	Arsenic	1.20E+01	mg/kg	Grid Value	9.96E+00	value
194	19	SOU194-283	Chromium	3.82E+01	mg/kg	Grid Value	4.84E+01	value
194	19	SOU194-283	Nickel	6.50E+01	mg/kg	Grid Value	6.83E+01	value
194	19	SOU194-283	Silver	1.00E+01	mg/kg	Grid Value	9.44E+00	value
194	20	SOU194-256	Arsenic	1.10E+01	mg/kg	Grid Value	1.14E+01	value
194	20	SOU194-256	Barium	2.10E+02	mg/kg	Avg	2.35E+02	value
194	20	SOU194-256	Beryllium	8.00E-01	mg/kg	Avg	8.66E-01	value
194	20	SOU194-256	Chromium	4.45E+01	mg/kg	Grid Value	7.11E+01	value
194	20	SOU194-256	Cobalt	1.31E+01	mg/kg	Avg	1.48E+01	value
194	20	SOU194-256	Manganese	4.33E+02	mg/kg	Grid Value	2.33E+03	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	20	SOU194-256	Mercury	1.00E+01	mg/kg	Grid Value	7.28E+00	value
194	20	SOU194-256	Nickel	6.50E+01	mg/kg	Grid Value	6.57E+01	value
194	20	SOU194-256	Silver	1.00E+01	mg/kg	Grid Value	1.08E+01	value
194	20	SOU194-256	Total PAH	1.79E-02	mg/kg	Avg	2.08E-02	value
194	20	SOU194-256	Vanadium	3.14E+01	mg/kg	Avg	3.29E+01	value
194	20	SOU194-257	Arsenic	6.65E+00	mg/kg	Grid Value	1.14E+01	value
194	20	SOU194-257	Barium	2.10E+02	mg/kg	Avg	2.35E+02	value
194	20	SOU194-257	Beryllium	8.00E-01	mg/kg	Avg	8.66E-01	value
194	20	SOU194-257	Chromium	4.82E+01	mg/kg	Grid Value	7.11E+01	value
194	20	SOU194-257	Cobalt	1.31E+01	mg/kg	Avg	1.48E+01	value
194	20	SOU194-257	Manganese	4.05E+02	mg/kg	Grid Value	2.33E+03	value
194	20	SOU194-257	Mercury	1.00E+01	mg/kg	Grid Value	7.28E+00	value
194	20	SOU194-257	Nickel	6.50E+01	mg/kg	Grid Value	6.57E+01	value
194	20	SOU194-257	Silver	1.00E+01	mg/kg	Grid Value	1.08E+01	value
194	20	SOU194-257	Total PAH	1.79E-02	mg/kg	Avg	2.08E-02	value
194	20	SOU194-257	Vanadium	3.14E+01	mg/kg	Avg	3.29E+01	value
194	20	SOU194-258	Arsenic	6.02E+00	mg/kg	Grid Value	1.14E+01	value
194	20	SOU194-258	Barium	2.10E+02	mg/kg	Avg	2.35E+02	value
194	20	SOU194-258	Beryllium	8.00E-01	mg/kg	Avg	8.66E-01	value
194	20	SOU194-258	Chromium	8.50E+01	mg/kg	Grid Value	7.11E+01	value
194	20	SOU194-258	Cobalt	1.31E+01	mg/kg	Avg	1.48E+01	value
194	20	SOU194-258	Manganese	3.70E+02	mg/kg	Grid Value	2.33E+03	value
194	20	SOU194-258	Mercury	1.00E+01	mg/kg	Grid Value	7.28E+00	value
194	20	SOU194-258	Nickel	6.50E+01	mg/kg	Grid Value	6.57E+01	value
194	20	SOU194-258	Silver	1.00E+01	mg/kg	Grid Value	1.08E+01	value
194	20	SOU194-258	Total PAH	1.79E-02	mg/kg	Avg	2.08E-02	value
194	20	SOU194-258	Vanadium	3.14E+01	mg/kg	Avg	3.29E+01	value
194	20	SOU194-259	Arsenic	6.70E+00	mg/kg	Grid Value	1.14E+01	value
194	20	SOU194-259	Barium	9.35E+01	mg/kg	Grid Value	2.35E+02	value
194	20	SOU194-259	Beryllium	5.00E-01	mg/kg	Grid Value	8.66E-01	value
194	20	SOU194-259	Chromium	1.13E+01	mg/kg	Grid Value	7.11E+01	value
194	20	SOU194-259	Cobalt	5.00E+00	mg/kg	Grid Value	1.48E+01	value
194	20	SOU194-259	Manganese	5.57E+02	mg/kg	Grid Value	2.33E+03	value
194	20	SOU194-259	Mercury	1.87E-02	mg/kg	Grid Value	7.28E+00	value
194	20	SOU194-259	Nickel	8.30E+00	mg/kg	Grid Value	6.57E+01	value
194	20	SOU194-259	Silver	1.22E+01	mg/kg	Grid Value	1.08E+01	value
194	20	SOU194-259	Total PAH	4.80E-03	mg/kg	Grid Value	2.08E-02	value
194	20	SOU194-259	Vanadium	2.47E+01	mg/kg	Grid Value	3.29E+01	value
194	20	SOU194-270	Arsenic	9.15E+00	mg/kg	Grid Value	1.14E+01	value
194	20	SOU194-270	Barium	2.10E+02	mg/kg	Avg	2.35E+02	value
194	20	SOU194-270	Beryllium	8.00E-01	mg/kg	Avg	8.66E-01	value
194	20	SOU194-270	Chromium	4.76E+01	mg/kg	Grid Value	7.11E+01	value
194	20	SOU194-270	Cobalt	1.31E+01	mg/kg	Avg	1.48E+01	value
194	20	SOU194-270	Manganese	5.19E+02	mg/kg	Grid Value	2.33E+03	value
194	20	SOU194-270	Mercury	1.00E+01	mg/kg	Grid Value	7.28E+00	value
194	20	SOU194-270	Nickel	6.50E+01	mg/kg	Grid Value	6.57E+01	value
194	20	SOU194-270	Silver	1.13E+01	mg/kg	Grid Value	1.08E+01	value
194	20	SOU194-270	Total PAH	1.79E-02	mg/kg	Avg	2.08E-02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	20	SOU194-270	Vanadium	3.14E+01	mg/kg	Avg	3.29E+01	value
194	20	SOU194-271	Arsenic	1.30E+01	mg/kg	Grid Value	1.14E+01	value
194	20	SOU194-271	Barium	2.10E+02	mg/kg	Avg	2.35E+02	value
194	20	SOU194-271	Beryllium	8.00E-01	mg/kg	Avg	8.66E-01	value
194	20	SOU194-271	Chromium	8.50E+01	mg/kg	Grid Value	7.11E+01	value
194	20	SOU194-271	Cobalt	1.31E+01	mg/kg	Avg	1.48E+01	value
194	20	SOU194-271	Manganese	5.40E+02	mg/kg	Grid Value	2.33E+03	value
194	20	SOU194-271	Mercury	1.00E+01	mg/kg	Grid Value	7.28E+00	value
194	20	SOU194-271	Nickel	6.50E+01	mg/kg	Grid Value	6.57E+01	value
194	20	SOU194-271	Silver	1.00E+01	mg/kg	Grid Value	1.08E+01	value
194	20	SOU194-271	Total PAH	1.79E-02	mg/kg	Avg	2.08E-02	value
194	20	SOU194-271	Vanadium	3.14E+01	mg/kg	Avg	3.29E+01	value
194	20	SOU194-272	Arsenic	7.00E+00	mg/kg	Grid Value	1.14E+01	value
194	20	SOU194-272	Barium	2.10E+02	mg/kg	Avg	2.35E+02	value
194	20	SOU194-272	Beryllium	8.00E-01	mg/kg	Avg	8.66E-01	value
194	20	SOU194-272	Chromium	1.03E+02	mg/kg	Grid Value	7.11E+01	value
194	20	SOU194-272	Cobalt	1.31E+01	mg/kg	Avg	1.48E+01	value
194	20	SOU194-272	Manganese	3.26E+02	mg/kg	Grid Value	2.33E+03	value
194	20	SOU194-272	Mercury	1.00E+01	mg/kg	Grid Value	7.28E+00	value
194	20	SOU194-272	Nickel	6.50E+01	mg/kg	Grid Value	6.57E+01	value
194	20	SOU194-272	Silver	1.00E+01	mg/kg	Grid Value	1.08E+01	value
194	20	SOU194-272	Total PAH	1.79E-02	mg/kg	Avg	2.08E-02	value
194	20	SOU194-272	Vanadium	3.14E+01	mg/kg	Avg	3.29E+01	value
194	20	SOU194-273	Arsenic	6.91E+00	mg/kg	Grid Value	1.14E+01	value
194	20	SOU194-273	Barium	2.10E+02	mg/kg	Avg	2.35E+02	value
194	20	SOU194-273	Beryllium	8.00E-01	mg/kg	Avg	8.66E-01	value
194	20	SOU194-273	Chromium	8.50E+01	mg/kg	Grid Value	7.11E+01	value
194	20	SOU194-273	Cobalt	1.31E+01	mg/kg	Avg	1.48E+01	value
194	20	SOU194-273	Manganese	3.08E+02	mg/kg	Grid Value	2.33E+03	value
194	20	SOU194-273	Mercury	7.28E+00	mg/kg	Grid Value	7.28E+00	value
194	20	SOU194-273	Nickel	6.57E+01	mg/kg	Grid Value	6.57E+01	value
194	20	SOU194-273	Silver	1.00E+01	mg/kg	Grid Value	1.08E+01	value
194	20	SOU194-273	Total PAH	1.79E-02	mg/kg	Avg	2.08E-02	value
194	20	SOU194-273	Vanadium	3.14E+01	mg/kg	Avg	3.29E+01	value
194	20	SOU194-284	Arsenic	1.24E+01	mg/kg	Grid Value	1.14E+01	value
194	20	SOU194-284	Barium	2.10E+02	mg/kg	Avg	2.35E+02	value
194	20	SOU194-284	Beryllium	8.00E-01	mg/kg	Avg	8.66E-01	value
194	20	SOU194-284	Chromium	3.26E+01	mg/kg	Grid Value	7.11E+01	value
194	20	SOU194-284	Cobalt	1.31E+01	mg/kg	Avg	1.48E+01	value
194	20	SOU194-284	Manganese	5.48E+02	mg/kg	Grid Value	2.33E+03	value
194	20	SOU194-284	Mercury	1.00E+01	mg/kg	Grid Value	7.28E+00	value
194	20	SOU194-284	Nickel	6.50E+01	mg/kg	Grid Value	6.57E+01	value
194	20	SOU194-284	Silver	1.00E+01	mg/kg	Grid Value	1.08E+01	value
194	20	SOU194-284	Total PAH	1.79E-02	mg/kg	Avg	2.08E-02	value
194	20	SOU194-284	Vanadium	3.14E+01	mg/kg	Avg	3.29E+01	value
194	20	SOU194-285	Arsenic	1.64E+01	mg/kg	Grid Value	1.14E+01	value
194	20	SOU194-285	Barium	3.26E+02	mg/kg	Grid Value	2.35E+02	value
194	20	SOU194-285	Beryllium	1.10E+00	mg/kg	Grid Value	8.66E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	20	SOU194-285	Chromium	5.24E+01	mg/kg	Grid Value	7.11E+01	value
194	20	SOU194-285	Cobalt	2.11E+01	mg/kg	Grid Value	1.48E+01	value
194	20	SOU194-285	Manganese	4.67E+03	mg/kg	Grid Value	2.33E+03	value
194	20	SOU194-285	Mercury	2.98E-02	mg/kg	Grid Value	7.28E+00	value
194	20	SOU194-285	Nickel	1.58E+01	mg/kg	Grid Value	6.57E+01	value
194	20	SOU194-285	Silver	1.10E+01	mg/kg	Grid Value	1.08E+01	value
194	20	SOU194-285	Total PAH	3.10E-02	mg/kg	Grid Value	2.08E-02	value
194	20	SOU194-285	Vanadium	3.81E+01	mg/kg	Grid Value	3.29E+01	value
194	20	SOU194-286	Arsenic	1.10E+01	mg/kg	Grid Value	1.14E+01	value
194	20	SOU194-286	Barium	2.10E+02	mg/kg	Avg	2.35E+02	value
194	20	SOU194-286	Beryllium	8.00E-01	mg/kg	Avg	8.66E-01	value
194	20	SOU194-286	Chromium	5.45E+01	mg/kg	Grid Value	7.11E+01	value
194	20	SOU194-286	Cobalt	1.31E+01	mg/kg	Avg	1.48E+01	value
194	20	SOU194-286	Manganese	3.02E+02	mg/kg	Grid Value	2.33E+03	value
194	20	SOU194-286	Mercury	1.00E+01	mg/kg	Grid Value	7.28E+00	value
194	20	SOU194-286	Nickel	6.50E+01	mg/kg	Grid Value	6.57E+01	value
194	20	SOU194-286	Silver	1.00E+01	mg/kg	Grid Value	1.08E+01	value
194	20	SOU194-286	Total PAH	1.79E-02	mg/kg	Avg	2.08E-02	value
194	20	SOU194-286	Vanadium	3.14E+01	mg/kg	Avg	3.29E+01	value
194	20	SOU194-287	Arsenic	1.10E+01	mg/kg	Grid Value	1.14E+01	value
194	20	SOU194-287	Barium	2.10E+02	mg/kg	Avg	2.35E+02	value
194	20	SOU194-287	Beryllium	8.00E-01	mg/kg	Avg	8.66E-01	value
194	20	SOU194-287	Chromium	3.75E+01	mg/kg	Grid Value	7.11E+01	value
194	20	SOU194-287	Cobalt	1.31E+01	mg/kg	Avg	1.48E+01	value
194	20	SOU194-287	Manganese	4.38E+02	mg/kg	Grid Value	2.33E+03	value
194	20	SOU194-287	Mercury	1.00E+01	mg/kg	Grid Value	7.28E+00	value
194	20	SOU194-287	Nickel	6.50E+01	mg/kg	Grid Value	6.57E+01	value
194	20	SOU194-287	Silver	1.00E+01	mg/kg	Grid Value	1.08E+01	value
194	20	SOU194-287	Total PAH	1.79E-02	mg/kg	Avg	2.08E-02	value
194	20	SOU194-287	Vanadium	3.14E+01	mg/kg	Avg	3.29E+01	value
194	21	SOU194-260	Antimony	9.30E-01	mg/kg	Avg	9.30E-01	maximum value
194	21	SOU194-260	Arsenic	1.10E+01	mg/kg	Grid Value	3.52E+01	maximum value
194	21	SOU194-260	Barium	2.96E+03	mg/kg	Avg	2.96E+03	maximum value
194	21	SOU194-260	Beryllium	1.80E+00	mg/kg	Avg	1.80E+00	maximum value
194	21	SOU194-260	Chromium	8.50E+01	mg/kg	Grid Value	5.51E+01	maximum value
194	21	SOU194-260	Cobalt	8.31E+01	mg/kg	Avg	8.31E+01	maximum value
194	21	SOU194-260	Iron	1.17E+04	mg/kg	Grid Value	4.73E+04	maximum value
194	21	SOU194-260	Manganese	2.98E+02	mg/kg	Grid Value	3.11E+04	maximum value
194	21	SOU194-260	Mercury	1.00E+01	mg/kg	Grid Value	6.62E+00	maximum value
194	21	SOU194-260	Nickel	6.50E+01	mg/kg	Grid Value	7.01E+01	maximum value
194	21	SOU194-260	Thallium	1.40E+00	mg/kg	Avg	1.40E+00	maximum value
194	21	SOU194-260	Vanadium	8.63E+01	mg/kg	Avg	8.63E+01	maximum value
194	21	SOU194-261	Antimony	9.30E-01	mg/kg	Avg	9.30E-01	maximum value
194	21	SOU194-261	Arsenic	1.62E+01	mg/kg	Avg	3.52E+01	maximum value
194	21	SOU194-261	Barium	2.96E+03	mg/kg	Avg	2.96E+03	maximum value
194	21	SOU194-261	Beryllium	1.80E+00	mg/kg	Avg	1.80E+00	maximum value
194	21	SOU194-261	Chromium	4.92E+01	mg/kg	Avg	5.51E+01	maximum value
194	21	SOU194-261	Cobalt	8.31E+01	mg/kg	Avg	8.31E+01	maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	21	SOU194-261	Iron	2.12E+04	mg/kg	Avg	4.73E+04	maximum value
194	21	SOU194-261	Manganese	7.99E+03	mg/kg	Avg	3.11E+04	maximum value
194	21	SOU194-261	Mercury	6.66E+00	mg/kg	Avg	6.62E+00	maximum value
194	21	SOU194-261	Nickel	6.08E+01	mg/kg	Avg	7.01E+01	maximum value
194	21	SOU194-261	Thallium	1.40E+00	mg/kg	Avg	1.40E+00	maximum value
194	21	SOU194-261	Vanadium	8.63E+01	mg/kg	Avg	8.63E+01	maximum value
194	21	SOU194-274	Antimony	9.30E-01	mg/kg	Avg	9.30E-01	maximum value
194	21	SOU194-274	Arsenic	7.60E+00	mg/kg	Grid Value	3.52E+01	maximum value
194	21	SOU194-274	Barium	2.96E+03	mg/kg	Avg	2.96E+03	maximum value
194	21	SOU194-274	Beryllium	1.80E+00	mg/kg	Avg	1.80E+00	maximum value
194	21	SOU194-274	Chromium	4.09E+01	mg/kg	Grid Value	5.51E+01	maximum value
194	21	SOU194-274	Cobalt	8.31E+01	mg/kg	Avg	8.31E+01	maximum value
194	21	SOU194-274	Iron	1.17E+04	mg/kg	Grid Value	4.73E+04	maximum value
194	21	SOU194-274	Manganese	3.01E+02	mg/kg	Grid Value	3.11E+04	maximum value
194	21	SOU194-274	Mercury	1.00E+01	mg/kg	Grid Value	6.62E+00	maximum value
194	21	SOU194-274	Nickel	7.01E+01	mg/kg	Grid Value	7.01E+01	maximum value
194	21	SOU194-274	Thallium	1.40E+00	mg/kg	Avg	1.40E+00	maximum value
194	21	SOU194-274	Vanadium	8.63E+01	mg/kg	Avg	8.63E+01	maximum value
194	21	SOU194-275	Antimony	9.30E-01	mg/kg	Avg	9.30E-01	maximum value
194	21	SOU194-275	Arsenic	1.62E+01	mg/kg	Avg	3.52E+01	maximum value
194	21	SOU194-275	Barium	2.96E+03	mg/kg	Avg	2.96E+03	maximum value
194	21	SOU194-275	Beryllium	1.80E+00	mg/kg	Avg	1.80E+00	maximum value
194	21	SOU194-275	Chromium	4.92E+01	mg/kg	Avg	5.51E+01	maximum value
194	21	SOU194-275	Cobalt	8.31E+01	mg/kg	Avg	8.31E+01	maximum value
194	21	SOU194-275	Iron	2.12E+04	mg/kg	Avg	4.73E+04	maximum value
194	21	SOU194-275	Manganese	7.99E+03	mg/kg	Avg	3.11E+04	maximum value
194	21	SOU194-275	Mercury	6.66E+00	mg/kg	Avg	6.62E+00	maximum value
194	21	SOU194-275	Nickel	6.08E+01	mg/kg	Avg	7.01E+01	maximum value
194	21	SOU194-275	Thallium	1.40E+00	mg/kg	Avg	1.40E+00	maximum value
194	21	SOU194-275	Vanadium	8.63E+01	mg/kg	Avg	8.63E+01	maximum value
194	21	SOU194-288	Antimony	9.30E-01	mg/kg	Avg	9.30E-01	maximum value
194	21	SOU194-288	Arsenic	1.10E+01	mg/kg	Grid Value	3.52E+01	maximum value
194	21	SOU194-288	Barium	2.96E+03	mg/kg	Avg	2.96E+03	maximum value
194	21	SOU194-288	Beryllium	1.80E+00	mg/kg	Avg	1.80E+00	maximum value
194	21	SOU194-288	Chromium	5.51E+01	mg/kg	Grid Value	5.51E+01	maximum value
194	21	SOU194-288	Cobalt	8.31E+01	mg/kg	Avg	8.31E+01	maximum value
194	21	SOU194-288	Iron	1.40E+04	mg/kg	Grid Value	4.73E+04	maximum value
194	21	SOU194-288	Manganese	2.74E+02	mg/kg	Grid Value	3.11E+04	maximum value
194	21	SOU194-288	Mercury	6.62E+00	mg/kg	Grid Value	6.62E+00	maximum value
194	21	SOU194-288	Nickel	6.50E+01	mg/kg	Grid Value	7.01E+01	maximum value
194	21	SOU194-288	Thallium	1.40E+00	mg/kg	Avg	1.40E+00	maximum value
194	21	SOU194-288	Vanadium	8.63E+01	mg/kg	Avg	8.63E+01	maximum value
194	21	SOU194-289	Antimony	9.30E-01	mg/kg	Avg	9.30E-01	maximum value
194	21	SOU194-289	Arsenic	1.62E+01	mg/kg	Avg	3.52E+01	maximum value
194	21	SOU194-289	Barium	2.96E+03	mg/kg	Avg	2.96E+03	maximum value
194	21	SOU194-289	Beryllium	1.80E+00	mg/kg	Avg	1.80E+00	maximum value
194	21	SOU194-289	Chromium	4.92E+01	mg/kg	Avg	5.51E+01	maximum value
194	21	SOU194-289	Cobalt	8.31E+01	mg/kg	Avg	8.31E+01	maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	21	SOU194-289	Iron	2.12E+04	mg/kg	Avg	4.73E+04	maximum value
194	21	SOU194-289	Manganese	7.99E+03	mg/kg	Avg	3.11E+04	maximum value
194	21	SOU194-289	Mercury	6.66E+00	mg/kg	Avg	6.62E+00	maximum value
194	21	SOU194-289	Nickel	6.08E+01	mg/kg	Avg	7.01E+01	maximum value
194	21	SOU194-289	Thallium	1.40E+00	mg/kg	Avg	1.40E+00	maximum value
194	21	SOU194-289	Vanadium	8.63E+01	mg/kg	Avg	8.63E+01	maximum value
194	21	SOU194-302	Antimony	9.30E-01	mg/kg	Grid Value	9.30E-01	maximum value
194	21	SOU194-302	Arsenic	3.52E+01	mg/kg	Grid Value	3.52E+01	maximum value
194	21	SOU194-302	Barium	2.96E+03	mg/kg	Grid Value	2.96E+03	maximum value
194	21	SOU194-302	Beryllium	1.80E+00	mg/kg	Grid Value	1.80E+00	maximum value
194	21	SOU194-302	Chromium	1.60E+01	mg/kg	Grid Value	5.51E+01	maximum value
194	21	SOU194-302	Cobalt	8.31E+01	mg/kg	Grid Value	8.31E+01	maximum value
194	21	SOU194-302	Iron	4.73E+04	mg/kg	Grid Value	4.73E+04	maximum value
194	21	SOU194-302	Manganese	3.11E+04	mg/kg	Grid Value	3.11E+04	maximum value
194	21	SOU194-302	Mercury	2.22E-02	mg/kg	Grid Value	6.62E+00	maximum value
194	21	SOU194-302	Nickel	4.31E+01	mg/kg	Grid Value	7.01E+01	maximum value
194	21	SOU194-302	Thallium	1.40E+00	mg/kg	Grid Value	1.40E+00	maximum value
194	21	SOU194-302	Vanadium	8.63E+01	mg/kg	Grid Value	8.63E+01	maximum value
194	21	SOU194-303	Antimony	9.30E-01	mg/kg	Avg	9.30E-01	maximum value
194	21	SOU194-303	Arsenic	1.62E+01	mg/kg	Avg	3.52E+01	maximum value
194	21	SOU194-303	Barium	2.96E+03	mg/kg	Avg	2.96E+03	maximum value
194	21	SOU194-303	Beryllium	1.80E+00	mg/kg	Avg	1.80E+00	maximum value
194	21	SOU194-303	Chromium	4.92E+01	mg/kg	Avg	5.51E+01	maximum value
194	21	SOU194-303	Cobalt	8.31E+01	mg/kg	Avg	8.31E+01	maximum value
194	21	SOU194-303	Iron	2.12E+04	mg/kg	Avg	4.73E+04	maximum value
194	21	SOU194-303	Manganese	7.99E+03	mg/kg	Avg	3.11E+04	maximum value
194	21	SOU194-303	Mercury	6.66E+00	mg/kg	Avg	6.62E+00	maximum value
194	21	SOU194-303	Nickel	6.08E+01	mg/kg	Avg	7.01E+01	maximum value
194	21	SOU194-303	Thallium	1.40E+00	mg/kg	Avg	1.40E+00	maximum value
194	21	SOU194-303	Vanadium	8.63E+01	mg/kg	Avg	8.63E+01	maximum value
194	22	SOU194-290	Aluminum	1.08E+04	mg/kg	Avg	1.13E+04	value
194	22	SOU194-290	Antimony	4.97E-01	mg/kg	Avg	5.29E-01	value
194	22	SOU194-290	Arsenic	1.37E+01	mg/kg	Grid Value	1.15E+01	value
194	22	SOU194-290	Chromium	4.25E+01	mg/kg	Grid Value	4.75E+01	value
194	22	SOU194-290	Cobalt	9.77E+00	mg/kg	Avg	1.08E+01	value
194	22	SOU194-290	Manganese	7.47E+02	mg/kg	Grid Value	1.06E+03	value
194	22	SOU194-290	Nickel	6.50E+01	mg/kg	Grid Value	7.08E+01	value
194	22	SOU194-290	PCB, Total	5.00E+00	mg/kg	Grid Value	1.04E+01	value
194	22	SOU194-290	Silver	1.00E+01	mg/kg	Grid Value	1.14E+01	value
194	22	SOU194-290	Cesium-137	6.25E-02	pCi/g	Avg	1.62E-01	value
194	22	SOU194-291	Aluminum	1.05E+04	mg/kg	Grid Value	1.13E+04	value
194	22	SOU194-291	Antimony	3.80E-01	mg/kg	Grid Value	5.29E-01	value
194	22	SOU194-291	Arsenic	1.17E+01	mg/kg	Grid Value	1.15E+01	value
194	22	SOU194-291	Chromium	4.90E+01	mg/kg	Grid Value	4.75E+01	value
194	22	SOU194-291	Cobalt	1.39E+01	mg/kg	Grid Value	1.08E+01	value
194	22	SOU194-291	Manganese	1.70E+03	mg/kg	Grid Value	1.06E+03	value
194	22	SOU194-291	Nickel	1.40E+01	mg/kg	Grid Value	7.08E+01	value
194	22	SOU194-291	PCB, Total	3.50E-01	mg/kg	Grid Value	1.04E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	22	SOU194-291	Silver	8.50E-02	mg/kg	Grid Value	1.14E+01	value
194	22	SOU194-291	Cesium-137	2.88E-01	pCi/g	Grid Value	1.62E-01	value
194	22	SOU194-292	Aluminum	1.08E+04	mg/kg	Avg	1.13E+04	value
194	22	SOU194-292	Antimony	4.97E-01	mg/kg	Avg	5.29E-01	value
194	22	SOU194-292	Arsenic	1.02E+01	mg/kg	Grid Value	1.15E+01	value
194	22	SOU194-292	Chromium	4.45E+01	mg/kg	Grid Value	4.75E+01	value
194	22	SOU194-292	Cobalt	9.77E+00	mg/kg	Avg	1.08E+01	value
194	22	SOU194-292	Manganese	6.65E+02	mg/kg	Grid Value	1.06E+03	value
194	22	SOU194-292	Nickel	6.50E+01	mg/kg	Grid Value	7.08E+01	value
194	22	SOU194-292	PCB, Total	5.00E+00	mg/kg	Grid Value	1.04E+01	value
194	22	SOU194-292	Silver	1.00E+01	mg/kg	Grid Value	1.14E+01	value
194	22	SOU194-292	Cesium-137	6.25E-02	pCi/g	Avg	1.62E-01	value
194	22	SOU194-293	Aluminum	8.48E+03	mg/kg	Grid Value	1.13E+04	value
194	22	SOU194-293	Antimony	6.60E-01	mg/kg	Grid Value	5.29E-01	value
194	22	SOU194-293	Arsenic	8.84E+00	mg/kg	Grid Value	1.15E+01	value
194	22	SOU194-293	Chromium	5.15E+01	mg/kg	Grid Value	4.75E+01	value
194	22	SOU194-293	Cobalt	4.90E+00	mg/kg	Grid Value	1.08E+01	value
194	22	SOU194-293	Manganese	1.51E+03	mg/kg	Grid Value	1.06E+03	value
194	22	SOU194-293	Nickel	8.90E+00	mg/kg	Grid Value	7.08E+01	value
194	22	SOU194-293	PCB, Total	3.60E-01	mg/kg	Grid Value	1.04E+01	value
194	22	SOU194-293	Silver	3.50E-02	mg/kg	Grid Value	1.14E+01	value
194	22	SOU194-293	Cesium-137	5.00E-05	pCi/g	Grid Value	1.62E-01	value
194	22	SOU194-304	Aluminum	1.33E+04	mg/kg	Grid Value	1.13E+04	value
194	22	SOU194-304	Antimony	4.50E-01	mg/kg	Grid Value	5.29E-01	value
194	22	SOU194-304	Arsenic	1.12E+01	mg/kg	Grid Value	1.15E+01	value
194	22	SOU194-304	Chromium	3.55E+01	mg/kg	Grid Value	4.75E+01	value
194	22	SOU194-304	Cobalt	1.05E+01	mg/kg	Grid Value	1.08E+01	value
194	22	SOU194-304	Manganese	5.71E+02	mg/kg	Grid Value	1.06E+03	value
194	22	SOU194-304	Nickel	1.95E+01	mg/kg	Grid Value	7.08E+01	value
194	22	SOU194-304	PCB, Total	3.70E-01	mg/kg	Grid Value	1.04E+01	value
194	22	SOU194-304	Silver	2.80E-02	mg/kg	Grid Value	1.14E+01	value
194	22	SOU194-304	Cesium-137	1.00E-03	pCi/g	Grid Value	1.62E-01	value
194	22	SOU194-305	Aluminum	1.08E+04	mg/kg	Avg	1.13E+04	value
194	22	SOU194-305	Antimony	4.97E-01	mg/kg	Avg	5.29E-01	value
194	22	SOU194-305	Arsenic	1.09E+01	mg/kg	Avg	1.15E+01	value
194	22	SOU194-305	Chromium	4.48E+01	mg/kg	Avg	4.75E+01	value
194	22	SOU194-305	Cobalt	9.77E+00	mg/kg	Avg	1.08E+01	value
194	22	SOU194-305	Manganese	7.58E+02	mg/kg	Avg	1.06E+03	value
194	22	SOU194-305	Nickel	4.66E+01	mg/kg	Avg	7.08E+01	value
194	22	SOU194-305	PCB, Total	4.39E+00	mg/kg	Avg	1.04E+01	value
194	22	SOU194-305	Silver	6.44E+00	mg/kg	Avg	1.14E+01	value
194	22	SOU194-305	Cesium-137	6.25E-02	pCi/g	Avg	1.62E-01	value
194	22	SOU194-306	Aluminum	1.08E+04	mg/kg	Avg	1.13E+04	value
194	22	SOU194-306	Antimony	4.97E-01	mg/kg	Avg	5.29E-01	value
194	22	SOU194-306	Arsenic	1.06E+01	mg/kg	Grid Value	1.15E+01	value
194	22	SOU194-306	Chromium	5.53E+01	mg/kg	Grid Value	4.75E+01	value
194	22	SOU194-306	Cobalt	9.77E+00	mg/kg	Avg	1.08E+01	value
194	22	SOU194-306	Manganese	3.35E+02	mg/kg	Grid Value	1.06E+03	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	22	SOU194-306	Nickel	7.08E+01	mg/kg	Grid Value	7.08E+01	value
194	22	SOU194-306	PCB, Total	5.00E+00	mg/kg	Grid Value	1.04E+01	value
194	22	SOU194-306	Silver	1.00E+01	mg/kg	Grid Value	1.14E+01	value
194	22	SOU194-306	Cesium-137	6.25E-02	pCi/g	Avg	1.62E-01	value
194	22	SOU194-307	Aluminum	1.08E+04	mg/kg	Avg	1.13E+04	value
194	22	SOU194-307	Antimony	4.97E-01	mg/kg	Avg	5.29E-01	value
194	22	SOU194-307	Arsenic	1.09E+01	mg/kg	Avg	1.15E+01	value
194	22	SOU194-307	Chromium	4.48E+01	mg/kg	Avg	4.75E+01	value
194	22	SOU194-307	Cobalt	9.77E+00	mg/kg	Avg	1.08E+01	value
194	22	SOU194-307	Manganese	7.58E+02	mg/kg	Avg	1.06E+03	value
194	22	SOU194-307	Nickel	4.66E+01	mg/kg	Avg	7.08E+01	value
194	22	SOU194-307	PCB, Total	4.39E+00	mg/kg	Avg	1.04E+01	value
194	22	SOU194-307	Silver	6.44E+00	mg/kg	Avg	1.14E+01	value
194	22	SOU194-307	Cesium-137	6.25E-02	pCi/g	Avg	1.62E-01	value
194	22	SOU194-318	Aluminum	1.08E+04	mg/kg	Avg	1.13E+04	value
194	22	SOU194-318	Antimony	4.97E-01	mg/kg	Avg	5.29E-01	value
194	22	SOU194-318	Arsenic	1.09E+01	mg/kg	Avg	1.15E+01	value
194	22	SOU194-318	Chromium	4.48E+01	mg/kg	Avg	4.75E+01	value
194	22	SOU194-318	Cobalt	9.77E+00	mg/kg	Avg	1.08E+01	value
194	22	SOU194-318	Manganese	7.58E+02	mg/kg	Avg	1.06E+03	value
194	22	SOU194-318	Nickel	4.66E+01	mg/kg	Avg	7.08E+01	value
194	22	SOU194-318	PCB, Total	1.80E+01	mg/kg	Grid Value	1.04E+01	value
194	22	SOU194-318	Silver	6.44E+00	mg/kg	Avg	1.14E+01	value
194	22	SOU194-318	Cesium-137	6.25E-02	pCi/g	Avg	1.62E-01	value
194	22	SOU194-319	Aluminum	1.08E+04	mg/kg	Avg	1.13E+04	value
194	22	SOU194-319	Antimony	4.97E-01	mg/kg	Avg	5.29E-01	value
194	22	SOU194-319	Arsenic	1.00E+01	mg/kg	Grid Value	1.15E+01	value
194	22	SOU194-319	Chromium	4.02E+01	mg/kg	Grid Value	4.75E+01	value
194	22	SOU194-319	Cobalt	9.77E+00	mg/kg	Avg	1.08E+01	value
194	22	SOU194-319	Manganese	1.62E+02	mg/kg	Grid Value	1.06E+03	value
194	22	SOU194-319	Nickel	6.50E+01	mg/kg	Grid Value	7.08E+01	value
194	22	SOU194-319	PCB, Total	5.00E+00	mg/kg	Grid Value	1.04E+01	value
194	22	SOU194-319	Silver	1.00E+01	mg/kg	Grid Value	1.14E+01	value
194	22	SOU194-319	Cesium-137	6.25E-02	pCi/g	Avg	1.62E-01	value
194	22	SOU194-320	Aluminum	1.08E+04	mg/kg	Avg	1.13E+04	value
194	22	SOU194-320	Antimony	4.97E-01	mg/kg	Avg	5.29E-01	value
194	22	SOU194-320	Arsenic	1.09E+01	mg/kg	Avg	1.15E+01	value
194	22	SOU194-320	Chromium	4.48E+01	mg/kg	Avg	4.75E+01	value
194	22	SOU194-320	Cobalt	9.77E+00	mg/kg	Avg	1.08E+01	value
194	22	SOU194-320	Manganese	7.58E+02	mg/kg	Avg	1.06E+03	value
194	22	SOU194-320	Nickel	4.66E+01	mg/kg	Avg	7.08E+01	value
194	22	SOU194-320	PCB, Total	4.39E+00	mg/kg	Avg	1.04E+01	value
194	22	SOU194-320	Silver	6.44E+00	mg/kg	Avg	1.14E+01	value
194	22	SOU194-320	Cesium-137	6.25E-02	pCi/g	Avg	1.62E-01	value
194	22	SOU194-321	Aluminum	1.08E+04	mg/kg	Avg	1.13E+04	value
194	22	SOU194-321	Antimony	4.97E-01	mg/kg	Avg	5.29E-01	value
194	22	SOU194-321	Arsenic	1.10E+01	mg/kg	Grid Value	1.15E+01	value
194	22	SOU194-321	Chromium	3.98E+01	mg/kg	Grid Value	4.75E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	22	SOU194-321	Cobalt	9.77E+00	mg/kg	Avg	1.08E+01	value
194	22	SOU194-321	Manganese	3.74E+02	mg/kg	Grid Value	1.06E+03	value
194	22	SOU194-321	Nickel	6.50E+01	mg/kg	Grid Value	7.08E+01	value
194	22	SOU194-321	PCB, Total	3.87E-01	mg/kg	Grid Value	1.04E+01	value
194	22	SOU194-321	Silver	1.14E+01	mg/kg	Grid Value	1.14E+01	value
194	22	SOU194-321	Cesium-137	-3.90E-02	pCi/g	Grid Value	1.62E-01	value
194	23	SOU194-294	Arsenic	9.49E+00	mg/kg	Avg	1.12E+01	value
194	23	SOU194-294	Cadmium	4.30E+00	mg/kg	Avg	6.58E+00	value
194	23	SOU194-294	Chromium	5.11E+01	mg/kg	Avg	5.90E+01	value
194	23	SOU194-294	Iron	1.64E+04	mg/kg	Avg	1.94E+04	value
194	23	SOU194-294	Manganese	5.53E+02	mg/kg	Avg	7.24E+02	value
194	23	SOU194-294	Mercury	8.89E+00	mg/kg	Avg	7.75E+00	value
194	23	SOU194-294	Nickel	6.81E+01	mg/kg	Avg	7.33E+01	value
194	23	SOU194-294	Silver	1.01E+01	mg/kg	Avg	1.04E+01	value
194	23	SOU194-294	Cesium-137	2.83E-01	pCi/g	Avg	2.83E-01	value
194	23	SOU194-295	Arsenic	6.32E+00	mg/kg	Grid Value	1.12E+01	value
194	23	SOU194-295	Cadmium	4.30E+00	mg/kg	Avg	6.58E+00	value
194	23	SOU194-295	Chromium	8.50E+01	mg/kg	Grid Value	5.90E+01	value
194	23	SOU194-295	Iron	1.69E+04	mg/kg	Grid Value	1.94E+04	value
194	23	SOU194-295	Manganese	7.67E+02	mg/kg	Grid Value	7.24E+02	value
194	23	SOU194-295	Mercury	1.00E+01	mg/kg	Grid Value	7.75E+00	value
194	23	SOU194-295	Nickel	6.24E+01	mg/kg	Grid Value	7.33E+01	value
194	23	SOU194-295	Silver	1.00E+01	mg/kg	Grid Value	1.04E+01	value
194	23	SOU194-295	Cesium-137	2.83E-01	pCi/g	Avg	2.83E-01	value
194	23	SOU194-296	Arsenic	7.76E+00	mg/kg	Grid Value	1.12E+01	value
194	23	SOU194-296	Cadmium	8.55E+00	mg/kg	Grid Value	6.58E+00	value
194	23	SOU194-296	Chromium	6.76E+01	mg/kg	Grid Value	5.90E+01	value
194	23	SOU194-296	Iron	1.69E+04	mg/kg	Grid Value	1.94E+04	value
194	23	SOU194-296	Manganese	1.30E+03	mg/kg	Grid Value	7.24E+02	value
194	23	SOU194-296	Mercury	1.00E+01	mg/kg	Grid Value	7.75E+00	value
194	23	SOU194-296	Nickel	8.89E+01	mg/kg	Grid Value	7.33E+01	value
194	23	SOU194-296	Silver	1.00E+01	mg/kg	Grid Value	1.04E+01	value
194	23	SOU194-296	Cesium-137	2.83E-01	pCi/g	Avg	2.83E-01	value
194	23	SOU194-297	Arsenic	1.10E+01	mg/kg	Grid Value	1.12E+01	value
194	23	SOU194-297	Cadmium	4.30E+00	mg/kg	Avg	6.58E+00	value
194	23	SOU194-297	Chromium	3.51E+01	mg/kg	Grid Value	5.90E+01	value
194	23	SOU194-297	Iron	1.28E+04	mg/kg	Grid Value	1.94E+04	value
194	23	SOU194-297	Manganese	4.45E+02	mg/kg	Grid Value	7.24E+02	value
194	23	SOU194-297	Mercury	1.00E+01	mg/kg	Grid Value	7.75E+00	value
194	23	SOU194-297	Nickel	6.50E+01	mg/kg	Grid Value	7.33E+01	value
194	23	SOU194-297	Silver	1.00E+01	mg/kg	Grid Value	1.04E+01	value
194	23	SOU194-297	Cesium-137	2.83E-01	pCi/g	Avg	2.83E-01	value
194	23	SOU194-308	Arsenic	5.82E+00	mg/kg	Grid Value	1.12E+01	value
194	23	SOU194-308	Cadmium	4.30E+00	mg/kg	Avg	6.58E+00	value
194	23	SOU194-308	Chromium	4.70E+01	mg/kg	Grid Value	5.90E+01	value
194	23	SOU194-308	Iron	1.48E+04	mg/kg	Grid Value	1.94E+04	value
194	23	SOU194-308	Manganese	3.43E+02	mg/kg	Grid Value	7.24E+02	value
194	23	SOU194-308	Mercury	1.00E+01	mg/kg	Grid Value	7.75E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	23	SOU194-308	Nickel	6.50E+01	mg/kg	Grid Value	7.33E+01	value
194	23	SOU194-308	Silver	1.00E+01	mg/kg	Grid Value	1.04E+01	value
194	23	SOU194-308	Cesium-137	2.83E-01	pCi/g	Avg	2.83E-01	value
194	23	SOU194-309	Arsenic	1.07E+01	mg/kg	Grid Value	1.12E+01	value
194	23	SOU194-309	Cadmium	4.30E+00	mg/kg	Avg	6.58E+00	value
194	23	SOU194-309	Chromium	5.74E+01	mg/kg	Grid Value	5.90E+01	value
194	23	SOU194-309	Iron	1.53E+04	mg/kg	Grid Value	1.94E+04	value
194	23	SOU194-309	Manganese	3.10E+02	mg/kg	Grid Value	7.24E+02	value
194	23	SOU194-309	Mercury	1.00E+01	mg/kg	Grid Value	7.75E+00	value
194	23	SOU194-309	Nickel	8.78E+01	mg/kg	Grid Value	7.33E+01	value
194	23	SOU194-309	Silver	1.00E+01	mg/kg	Grid Value	1.04E+01	value
194	23	SOU194-309	Cesium-137	2.83E-01	pCi/g	Avg	2.83E-01	value
194	23	SOU194-310	Arsenic	8.45E+00	mg/kg	Grid Value	1.12E+01	value
194	23	SOU194-310	Cadmium	4.30E+00	mg/kg	Avg	6.58E+00	value
194	23	SOU194-310	Chromium	6.60E+01	mg/kg	Grid Value	5.90E+01	value
194	23	SOU194-310	Iron	1.24E+04	mg/kg	Grid Value	1.94E+04	value
194	23	SOU194-310	Manganese	4.06E+02	mg/kg	Grid Value	7.24E+02	value
194	23	SOU194-310	Mercury	1.00E+01	mg/kg	Grid Value	7.75E+00	value
194	23	SOU194-310	Nickel	5.42E+01	mg/kg	Grid Value	7.33E+01	value
194	23	SOU194-310	Silver	1.00E+01	mg/kg	Grid Value	1.04E+01	value
194	23	SOU194-310	Cesium-137	2.83E-01	pCi/g	Avg	2.83E-01	value
194	23	SOU194-311	Arsenic	1.80E+01	mg/kg	Grid Value	1.12E+01	value
194	23	SOU194-311	Cadmium	4.30E+00	mg/kg	Avg	6.58E+00	value
194	23	SOU194-311	Chromium	4.32E+01	mg/kg	Grid Value	5.90E+01	value
194	23	SOU194-311	Iron	3.39E+04	mg/kg	Grid Value	1.94E+04	value
194	23	SOU194-311	Manganese	7.66E+02	mg/kg	Grid Value	7.24E+02	value
194	23	SOU194-311	Mercury	1.00E+01	mg/kg	Grid Value	7.75E+00	value
194	23	SOU194-311	Nickel	6.50E+01	mg/kg	Grid Value	7.33E+01	value
194	23	SOU194-311	Silver	1.15E+01	mg/kg	Grid Value	1.04E+01	value
194	23	SOU194-311	Cesium-137	2.83E-01	pCi/g	Avg	2.83E-01	value
194	23	SOU194-322	Arsenic	7.45E+00	mg/kg	Grid Value	1.12E+01	value
194	23	SOU194-322	Cadmium	4.30E+00	mg/kg	Avg	6.58E+00	value
194	23	SOU194-322	Chromium	4.12E+01	mg/kg	Grid Value	5.90E+01	value
194	23	SOU194-322	Iron	1.41E+04	mg/kg	Grid Value	1.94E+04	value
194	23	SOU194-322	Manganese	2.88E+02	mg/kg	Grid Value	7.24E+02	value
194	23	SOU194-322	Mercury	7.75E+00	mg/kg	Grid Value	7.75E+00	value
194	23	SOU194-322	Nickel	6.50E+01	mg/kg	Grid Value	7.33E+01	value
194	23	SOU194-322	Silver	1.00E+01	mg/kg	Grid Value	1.04E+01	value
194	23	SOU194-322	Cesium-137	2.83E-01	pCi/g	Avg	2.83E-01	value
194	23	SOU194-323	Arsenic	1.10E+01	mg/kg	Grid Value	1.12E+01	value
194	23	SOU194-323	Cadmium	4.30E+00	mg/kg	Avg	6.58E+00	value
194	23	SOU194-323	Chromium	3.69E+01	mg/kg	Grid Value	5.90E+01	value
194	23	SOU194-323	Iron	1.39E+04	mg/kg	Grid Value	1.94E+04	value
194	23	SOU194-323	Manganese	3.96E+02	mg/kg	Grid Value	7.24E+02	value
194	23	SOU194-323	Mercury	1.00E+01	mg/kg	Grid Value	7.75E+00	value
194	23	SOU194-323	Nickel	6.50E+01	mg/kg	Grid Value	7.33E+01	value
194	23	SOU194-323	Silver	1.00E+01	mg/kg	Grid Value	1.04E+01	value
194	23	SOU194-323	Cesium-137	2.83E-01	pCi/g	Avg	2.83E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	23	SOU194-324	Arsenic	9.42E+00	mg/kg	Grid Value	1.12E+01	value
194	23	SOU194-324	Cadmium	4.30E+00	mg/kg	Avg	6.58E+00	value
194	23	SOU194-324	Chromium	4.45E+01	mg/kg	Grid Value	5.90E+01	value
194	23	SOU194-324	Iron	1.27E+04	mg/kg	Grid Value	1.94E+04	value
194	23	SOU194-324	Manganese	3.15E+02	mg/kg	Grid Value	7.24E+02	value
194	23	SOU194-324	Mercury	1.00E+01	mg/kg	Grid Value	7.75E+00	value
194	23	SOU194-324	Nickel	6.50E+01	mg/kg	Grid Value	7.33E+01	value
194	23	SOU194-324	Silver	1.00E+01	mg/kg	Grid Value	1.04E+01	value
194	23	SOU194-324	Cesium-137	2.83E-01	pCi/g	Avg	2.83E-01	value
194	23	SOU194-325	Arsenic	8.50E+00	mg/kg	Grid Value	1.12E+01	value
194	23	SOU194-325	Cadmium	5.30E-02	mg/kg	Grid Value	6.58E+00	value
194	23	SOU194-325	Chromium	3.86E+01	mg/kg	Grid Value	5.90E+01	value
194	23	SOU194-325	Iron	1.66E+04	mg/kg	Grid Value	1.94E+04	value
194	23	SOU194-325	Manganese	7.41E+02	mg/kg	Grid Value	7.24E+02	value
194	23	SOU194-325	Mercury	2.36E-02	mg/kg	Grid Value	7.75E+00	value
194	23	SOU194-325	Nickel	6.63E+01	mg/kg	Grid Value	7.33E+01	value
194	23	SOU194-325	Silver	9.87E+00	mg/kg	Grid Value	1.04E+01	value
194	23	SOU194-325	Cesium-137	2.83E-01	pCi/g	Grid Value	2.83E-01	value
194	24	SOU194-298	Arsenic	6.25E+00	mg/kg	Grid Value	1.19E+01	value
194	24	SOU194-298	Beryllium	6.37E-01	mg/kg	Avg	6.50E-01	value
194	24	SOU194-298	Chromium	4.25E+01	mg/kg	Grid Value	4.67E+01	value
194	24	SOU194-298	Iron	1.41E+04	mg/kg	Grid Value	2.31E+04	value
194	24	SOU194-298	Manganese	9.84E+02	mg/kg	Grid Value	6.03E+02	value
194	24	SOU194-298	Mercury	1.00E+01	mg/kg	Grid Value	7.03E+00	value
194	24	SOU194-298	Nickel	6.50E+01	mg/kg	Grid Value	8.41E+01	value
194	24	SOU194-298	Total PAH	1.30E-02	mg/kg	Avg	1.49E-02	value
194	24	SOU194-298	Cesium-137	1.20E-01	pCi/g	Avg	2.13E-01	value
194	24	SOU194-299	Arsenic	1.10E+01	mg/kg	Grid Value	1.19E+01	value
194	24	SOU194-299	Beryllium	6.37E-01	mg/kg	Avg	6.50E-01	value
194	24	SOU194-299	Chromium	3.80E+01	mg/kg	Grid Value	4.67E+01	value
194	24	SOU194-299	Iron	1.19E+04	mg/kg	Grid Value	2.31E+04	value
194	24	SOU194-299	Manganese	4.96E+02	mg/kg	Grid Value	6.03E+02	value
194	24	SOU194-299	Mercury	1.00E+01	mg/kg	Grid Value	7.03E+00	value
194	24	SOU194-299	Nickel	6.50E+01	mg/kg	Grid Value	8.41E+01	value
194	24	SOU194-299	Total PAH	1.30E-02	mg/kg	Avg	1.49E-02	value
194	24	SOU194-299	Cesium-137	1.20E-01	pCi/g	Avg	2.13E-01	value
194	24	SOU194-300	Arsenic	9.37E+00	mg/kg	Grid Value	1.19E+01	value
194	24	SOU194-300	Beryllium	6.37E-01	mg/kg	Avg	6.50E-01	value
194	24	SOU194-300	Chromium	3.96E+01	mg/kg	Grid Value	4.67E+01	value
194	24	SOU194-300	Iron	1.46E+04	mg/kg	Grid Value	2.31E+04	value
194	24	SOU194-300	Manganese	2.43E+02	mg/kg	Grid Value	6.03E+02	value
194	24	SOU194-300	Mercury	1.00E+01	mg/kg	Grid Value	7.03E+00	value
194	24	SOU194-300	Nickel	6.50E+01	mg/kg	Grid Value	8.41E+01	value
194	24	SOU194-300	Total PAH	1.30E-02	mg/kg	Avg	1.49E-02	value
194	24	SOU194-300	Cesium-137	1.20E-01	pCi/g	Avg	2.13E-01	value
194	24	SOU194-301	Arsenic	9.35E+00	mg/kg	Grid Value	1.19E+01	value
194	24	SOU194-301	Beryllium	6.37E-01	mg/kg	Avg	6.50E-01	value
194	24	SOU194-301	Chromium	3.97E+01	mg/kg	Grid Value	4.67E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	24	SOU194-301	Iron	1.19E+04	mg/kg	Grid Value	2.31E+04	value
194	24	SOU194-301	Manganese	4.17E+02	mg/kg	Grid Value	6.03E+02	value
194	24	SOU194-301	Mercury	1.00E+01	mg/kg	Grid Value	7.03E+00	value
194	24	SOU194-301	Nickel	6.50E+01	mg/kg	Grid Value	8.41E+01	value
194	24	SOU194-301	Total PAH	1.30E-02	mg/kg	Avg	1.49E-02	value
194	24	SOU194-301	Cesium-137	1.20E-01	pCi/g	Avg	2.13E-01	value
194	24	SOU194-312	Arsenic	1.88E+01	mg/kg	Grid Value	1.19E+01	value
194	24	SOU194-312	Beryllium	5.80E-01	mg/kg	Grid Value	6.50E-01	value
194	24	SOU194-312	Chromium	5.74E+01	mg/kg	Grid Value	4.67E+01	value
194	24	SOU194-312	Iron	4.57E+04	mg/kg	Grid Value	2.31E+04	value
194	24	SOU194-312	Manganese	5.24E+02	mg/kg	Grid Value	6.03E+02	value
194	24	SOU194-312	Mercury	1.76E-02	mg/kg	Grid Value	7.03E+00	value
194	24	SOU194-312	Nickel	8.41E+01	mg/kg	Grid Value	8.41E+01	value
194	24	SOU194-312	Total PAH	8.10E-03	mg/kg	Grid Value	1.49E-02	value
194	24	SOU194-312	Cesium-137	2.20E-02	pCi/g	Grid Value	2.13E-01	value
194	24	SOU194-313	Arsenic	9.44E+00	mg/kg	Grid Value	1.19E+01	value
194	24	SOU194-313	Beryllium	6.37E-01	mg/kg	Avg	6.50E-01	value
194	24	SOU194-313	Chromium	4.05E+01	mg/kg	Grid Value	4.67E+01	value
194	24	SOU194-313	Iron	1.49E+04	mg/kg	Grid Value	2.31E+04	value
194	24	SOU194-313	Manganese	3.74E+02	mg/kg	Grid Value	6.03E+02	value
194	24	SOU194-313	Mercury	1.00E+01	mg/kg	Grid Value	7.03E+00	value
194	24	SOU194-313	Nickel	6.50E+01	mg/kg	Grid Value	8.41E+01	value
194	24	SOU194-313	Total PAH	1.30E-02	mg/kg	Avg	1.49E-02	value
194	24	SOU194-313	Cesium-137	1.20E-01	pCi/g	Avg	2.13E-01	value
194	24	SOU194-314	Arsenic	1.02E+01	mg/kg	Grid Value	1.19E+01	value
194	24	SOU194-314	Beryllium	6.30E-01	mg/kg	Grid Value	6.50E-01	value
194	24	SOU194-314	Chromium	3.95E+01	mg/kg	Grid Value	4.67E+01	value
194	24	SOU194-314	Iron	2.37E+04	mg/kg	Grid Value	2.31E+04	value
194	24	SOU194-314	Manganese	8.20E+02	mg/kg	Grid Value	6.03E+02	value
194	24	SOU194-314	Mercury	3.51E-02	mg/kg	Grid Value	7.03E+00	value
194	24	SOU194-314	Nickel	1.34E+01	mg/kg	Grid Value	8.41E+01	value
194	24	SOU194-314	Total PAH	2.28E-02	mg/kg	Grid Value	1.49E-02	value
194	24	SOU194-314	Cesium-137	3.20E-01	pCi/g	Grid Value	2.13E-01	value
194	24	SOU194-315	Arsenic	6.77E+00	mg/kg	Grid Value	1.19E+01	value
194	24	SOU194-315	Beryllium	6.37E-01	mg/kg	Avg	6.50E-01	value
194	24	SOU194-315	Chromium	4.25E+01	mg/kg	Grid Value	4.67E+01	value
194	24	SOU194-315	Iron	1.59E+04	mg/kg	Grid Value	2.31E+04	value
194	24	SOU194-315	Manganese	3.38E+02	mg/kg	Grid Value	6.03E+02	value
194	24	SOU194-315	Mercury	1.00E+01	mg/kg	Grid Value	7.03E+00	value
194	24	SOU194-315	Nickel	8.41E+01	mg/kg	Grid Value	8.41E+01	value
194	24	SOU194-315	Total PAH	1.30E-02	mg/kg	Avg	1.49E-02	value
194	24	SOU194-315	Cesium-137	1.20E-01	pCi/g	Avg	2.13E-01	value
194	24	SOU194-326	Arsenic	1.23E+01	mg/kg	Grid Value	1.19E+01	value
194	24	SOU194-326	Beryllium	7.00E-01	mg/kg	Grid Value	6.50E-01	value
194	24	SOU194-326	Chromium	5.02E+01	mg/kg	Grid Value	4.67E+01	value
194	24	SOU194-326	Iron	2.30E+04	mg/kg	Grid Value	2.31E+04	value
194	24	SOU194-326	Manganese	6.67E+02	mg/kg	Grid Value	6.03E+02	value
194	24	SOU194-326	Mercury	2.00E-02	mg/kg	Grid Value	7.03E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	24	SOU194-326	Nickel	1.36E+01	mg/kg	Grid Value	8.41E+01	value
194	24	SOU194-326	Total PAH	8.20E-03	mg/kg	Grid Value	1.49E-02	value
194	24	SOU194-326	Cesium-137	1.70E-02	pCi/g	Grid Value	2.13E-01	value
194	24	SOU194-327	Arsenic	9.84E+00	mg/kg	Grid Value	1.19E+01	value
194	24	SOU194-327	Beryllium	6.37E-01	mg/kg	Avg	6.50E-01	value
194	24	SOU194-327	Chromium	4.35E+01	mg/kg	Grid Value	4.67E+01	value
194	24	SOU194-327	Iron	1.71E+04	mg/kg	Grid Value	2.31E+04	value
194	24	SOU194-327	Manganese	3.41E+02	mg/kg	Grid Value	6.03E+02	value
194	24	SOU194-327	Mercury	7.03E+00	mg/kg	Grid Value	7.03E+00	value
194	24	SOU194-327	Nickel	6.50E+01	mg/kg	Grid Value	8.41E+01	value
194	24	SOU194-327	Total PAH	1.30E-02	mg/kg	Avg	1.49E-02	value
194	24	SOU194-327	Cesium-137	1.20E-01	pCi/g	Avg	2.13E-01	value
194	24	SOU194-328	Arsenic	1.10E+01	mg/kg	Grid Value	1.19E+01	value
194	24	SOU194-328	Beryllium	6.37E-01	mg/kg	Avg	6.50E-01	value
194	24	SOU194-328	Chromium	5.16E+01	mg/kg	Grid Value	4.67E+01	value
194	24	SOU194-328	Iron	1.44E+04	mg/kg	Grid Value	2.31E+04	value
194	24	SOU194-328	Manganese	2.55E+02	mg/kg	Grid Value	6.03E+02	value
194	24	SOU194-328	Mercury	1.00E+01	mg/kg	Grid Value	7.03E+00	value
194	24	SOU194-328	Nickel	7.09E+01	mg/kg	Grid Value	8.41E+01	value
194	24	SOU194-328	Total PAH	1.30E-02	mg/kg	Avg	1.49E-02	value
194	24	SOU194-328	Cesium-137	1.20E-01	pCi/g	Avg	2.13E-01	value
194	24	SOU194-329	Arsenic	6.41E+00	mg/kg	Grid Value	1.19E+01	value
194	24	SOU194-329	Beryllium	6.37E-01	mg/kg	Avg	6.50E-01	value
194	24	SOU194-329	Chromium	3.55E+01	mg/kg	Grid Value	4.67E+01	value
194	24	SOU194-329	Iron	1.01E+04	mg/kg	Grid Value	2.31E+04	value
194	24	SOU194-329	Manganese	3.29E+02	mg/kg	Grid Value	6.03E+02	value
194	24	SOU194-329	Mercury	1.00E+01	mg/kg	Grid Value	7.03E+00	value
194	24	SOU194-329	Nickel	7.37E+01	mg/kg	Grid Value	8.41E+01	value
194	24	SOU194-329	Total PAH	1.30E-02	mg/kg	Avg	1.49E-02	value
194	24	SOU194-329	Cesium-137	1.20E-01	pCi/g	Avg	2.13E-01	value
194	25	SOU194-316	Aluminum	1.45E+04	mg/kg	Avg	1.45E+04	value
194	25	SOU194-316	Arsenic	1.10E+01	mg/kg	Grid Value	1.05E+01	value
194	25	SOU194-316	Barium	3.00E+02	mg/kg	Avg	3.00E+02	value
194	25	SOU194-316	Beryllium	8.30E-01	mg/kg	Avg	8.30E-01	value
194	25	SOU194-316	Chromium	3.28E+01	mg/kg	Grid Value	5.23E+01	value
194	25	SOU194-316	Manganese	3.47E+02	mg/kg	Grid Value	9.90E+02	value
194	25	SOU194-316	Nickel	6.50E+01	mg/kg	Grid Value	6.33E+01	value
194	25	SOU194-316	Total PAH	2.06E-02	mg/kg	Avg	2.06E-02	value
194	25	SOU194-317	Aluminum	1.45E+04	mg/kg	Avg	1.45E+04	value
194	25	SOU194-317	Arsenic	9.66E+00	mg/kg	Avg	1.05E+01	value
194	25	SOU194-317	Barium	3.00E+02	mg/kg	Avg	3.00E+02	value
194	25	SOU194-317	Beryllium	8.30E-01	mg/kg	Avg	8.30E-01	value
194	25	SOU194-317	Chromium	4.73E+01	mg/kg	Avg	5.23E+01	value
194	25	SOU194-317	Manganese	5.45E+02	mg/kg	Avg	9.90E+02	value
194	25	SOU194-317	Nickel	5.40E+01	mg/kg	Avg	6.33E+01	value
194	25	SOU194-317	Total PAH	2.06E-02	mg/kg	Avg	2.06E-02	value
194	25	SOU194-330	Aluminum	1.45E+04	mg/kg	Avg	1.45E+04	value
194	25	SOU194-330	Arsenic	9.49E+00	mg/kg	Grid Value	1.05E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	25	SOU194-330	Barium	3.00E+02	mg/kg	Avg	3.00E+02	value
194	25	SOU194-330	Beryllium	8.30E-01	mg/kg	Avg	8.30E-01	value
194	25	SOU194-330	Chromium	6.04E+01	mg/kg	Grid Value	5.23E+01	value
194	25	SOU194-330	Manganese	1.76E+02	mg/kg	Grid Value	9.90E+02	value
194	25	SOU194-330	Nickel	6.50E+01	mg/kg	Grid Value	6.33E+01	value
194	25	SOU194-330	Total PAH	2.06E-02	mg/kg	Avg	2.06E-02	value
194	25	SOU194-331	Aluminum	1.45E+04	mg/kg	Avg	1.45E+04	value
194	25	SOU194-331	Arsenic	9.66E+00	mg/kg	Avg	1.05E+01	value
194	25	SOU194-331	Barium	3.00E+02	mg/kg	Avg	3.00E+02	value
194	25	SOU194-331	Beryllium	8.30E-01	mg/kg	Avg	8.30E-01	value
194	25	SOU194-331	Chromium	4.73E+01	mg/kg	Avg	5.23E+01	value
194	25	SOU194-331	Manganese	5.45E+02	mg/kg	Avg	9.90E+02	value
194	25	SOU194-331	Nickel	5.40E+01	mg/kg	Avg	6.33E+01	value
194	25	SOU194-331	Total PAH	2.06E-02	mg/kg	Avg	2.06E-02	value
194	25	SOU194-344	Aluminum	1.45E+04	mg/kg	Avg	1.45E+04	value
194	25	SOU194-344	Arsenic	5.91E+00	mg/kg	Grid Value	1.05E+01	value
194	25	SOU194-344	Barium	3.00E+02	mg/kg	Avg	3.00E+02	value
194	25	SOU194-344	Beryllium	8.30E-01	mg/kg	Avg	8.30E-01	value
194	25	SOU194-344	Chromium	3.92E+01	mg/kg	Grid Value	5.23E+01	value
194	25	SOU194-344	Manganese	2.33E+02	mg/kg	Grid Value	9.90E+02	value
194	25	SOU194-344	Nickel	6.50E+01	mg/kg	Grid Value	6.33E+01	value
194	25	SOU194-344	Total PAH	2.06E-02	mg/kg	Avg	2.06E-02	value
194	25	SOU194-345	Aluminum	1.45E+04	mg/kg	Avg	1.45E+04	value
194	25	SOU194-345	Arsenic	9.66E+00	mg/kg	Avg	1.05E+01	value
194	25	SOU194-345	Barium	3.00E+02	mg/kg	Avg	3.00E+02	value
194	25	SOU194-345	Beryllium	8.30E-01	mg/kg	Avg	8.30E-01	value
194	25	SOU194-345	Chromium	4.73E+01	mg/kg	Avg	5.23E+01	value
194	25	SOU194-345	Manganese	5.45E+02	mg/kg	Avg	9.90E+02	value
194	25	SOU194-345	Nickel	5.40E+01	mg/kg	Avg	6.33E+01	value
194	25	SOU194-345	Total PAH	2.06E-02	mg/kg	Avg	2.06E-02	value
194	25	SOU194-358	Aluminum	1.45E+04	mg/kg	Grid Value	1.45E+04	value
194	25	SOU194-358	Arsenic	1.09E+01	mg/kg	Grid Value	1.05E+01	value
194	25	SOU194-358	Barium	3.00E+02	mg/kg	Grid Value	3.00E+02	value
194	25	SOU194-358	Beryllium	8.30E-01	mg/kg	Grid Value	8.30E-01	value
194	25	SOU194-358	Chromium	4.29E+01	mg/kg	Grid Value	5.23E+01	value
194	25	SOU194-358	Manganese	1.80E+03	mg/kg	Grid Value	9.90E+02	value
194	25	SOU194-358	Nickel	1.19E+01	mg/kg	Grid Value	6.33E+01	value
194	25	SOU194-358	Total PAH	2.06E-02	mg/kg	Grid Value	2.06E-02	value
194	25	SOU194-359	Aluminum	1.45E+04	mg/kg	Avg	1.45E+04	value
194	25	SOU194-359	Arsenic	9.66E+00	mg/kg	Avg	1.05E+01	value
194	25	SOU194-359	Barium	3.00E+02	mg/kg	Avg	3.00E+02	value
194	25	SOU194-359	Beryllium	8.30E-01	mg/kg	Avg	8.30E-01	value
194	25	SOU194-359	Chromium	4.73E+01	mg/kg	Avg	5.23E+01	value
194	25	SOU194-359	Manganese	5.45E+02	mg/kg	Avg	9.90E+02	value
194	25	SOU194-359	Nickel	5.40E+01	mg/kg	Avg	6.33E+01	value
194	25	SOU194-359	Total PAH	2.06E-02	mg/kg	Avg	2.06E-02	value
194	25	SOU194-372	Aluminum	1.45E+04	mg/kg	Avg	1.45E+04	value
194	25	SOU194-372	Arsenic	1.10E+01	mg/kg	Grid Value	1.05E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	25	SOU194-372	Barium	3.00E+02	mg/kg	Avg	3.00E+02	value
194	25	SOU194-372	Beryllium	8.30E-01	mg/kg	Avg	8.30E-01	value
194	25	SOU194-372	Chromium	6.13E+01	mg/kg	Grid Value	5.23E+01	value
194	25	SOU194-372	Manganese	1.69E+02	mg/kg	Grid Value	9.90E+02	value
194	25	SOU194-372	Nickel	6.33E+01	mg/kg	Grid Value	6.33E+01	value
194	25	SOU194-372	Total PAH	2.06E-02	mg/kg	Avg	2.06E-02	value
194	25	SOU194-373	Aluminum	1.45E+04	mg/kg	Avg	1.45E+04	value
194	25	SOU194-373	Arsenic	9.66E+00	mg/kg	Avg	1.05E+01	value
194	25	SOU194-373	Barium	3.00E+02	mg/kg	Avg	3.00E+02	value
194	25	SOU194-373	Beryllium	8.30E-01	mg/kg	Avg	8.30E-01	value
194	25	SOU194-373	Chromium	4.73E+01	mg/kg	Avg	5.23E+01	value
194	25	SOU194-373	Manganese	5.45E+02	mg/kg	Avg	9.90E+02	value
194	25	SOU194-373	Nickel	5.40E+01	mg/kg	Avg	6.33E+01	value
194	25	SOU194-373	Total PAH	2.06E-02	mg/kg	Avg	2.06E-02	value
194	26	SOU194-332	Aluminum	1.20E+04	mg/kg	Avg	1.21E+04	value
194	26	SOU194-332	Arsenic	7.09E+00	mg/kg	Grid Value	9.09E+00	value
194	26	SOU194-332	Beryllium	7.25E-01	mg/kg	Avg	7.31E-01	value
194	26	SOU194-332	Chromium	4.81E+01	mg/kg	Grid Value	4.81E+01	value
194	26	SOU194-332	Cobalt	1.27E+01	mg/kg	Avg	1.34E+01	value
194	26	SOU194-332	Manganese	4.36E+02	mg/kg	Grid Value	6.25E+02	value
194	26	SOU194-332	Silver	1.00E+01	mg/kg	Grid Value	1.03E+01	value
194	26	SOU194-332	Thallium	2.90E-01	mg/kg	Avg	3.12E-01	value
194	26	SOU194-332	Vanadium	3.68E+01	mg/kg	Avg	3.84E+01	value
194	26	SOU194-333	Aluminum	1.20E+04	mg/kg	Avg	1.21E+04	value
194	26	SOU194-333	Arsenic	5.82E+00	mg/kg	Grid Value	9.09E+00	value
194	26	SOU194-333	Beryllium	7.25E-01	mg/kg	Avg	7.31E-01	value
194	26	SOU194-333	Chromium	8.50E+01	mg/kg	Grid Value	4.81E+01	value
194	26	SOU194-333	Cobalt	1.27E+01	mg/kg	Avg	1.34E+01	value
194	26	SOU194-333	Manganese	4.29E+02	mg/kg	Grid Value	6.25E+02	value
194	26	SOU194-333	Silver	1.00E+01	mg/kg	Grid Value	1.03E+01	value
194	26	SOU194-333	Thallium	2.90E-01	mg/kg	Avg	3.12E-01	value
194	26	SOU194-333	Vanadium	3.68E+01	mg/kg	Avg	3.84E+01	value
194	26	SOU194-334	Aluminum	1.20E+04	mg/kg	Avg	1.21E+04	value
194	26	SOU194-334	Arsenic	8.63E+00	mg/kg	Avg	9.09E+00	value
194	26	SOU194-334	Beryllium	7.25E-01	mg/kg	Avg	7.31E-01	value
194	26	SOU194-334	Chromium	5.53E+01	mg/kg	Avg	4.81E+01	value
194	26	SOU194-334	Cobalt	1.27E+01	mg/kg	Avg	1.34E+01	value
194	26	SOU194-334	Manganese	4.90E+02	mg/kg	Avg	6.25E+02	value
194	26	SOU194-334	Silver	8.04E+00	mg/kg	Avg	1.03E+01	value
194	26	SOU194-334	Thallium	2.90E-01	mg/kg	Avg	3.12E-01	value
194	26	SOU194-334	Vanadium	3.68E+01	mg/kg	Avg	3.84E+01	value
194	26	SOU194-335	Aluminum	1.20E+04	mg/kg	Avg	1.21E+04	value
194	26	SOU194-335	Arsenic	1.10E+01	mg/kg	Grid Value	9.09E+00	value
194	26	SOU194-335	Beryllium	7.25E-01	mg/kg	Avg	7.31E-01	value
194	26	SOU194-335	Chromium	4.69E+01	mg/kg	Grid Value	4.81E+01	value
194	26	SOU194-335	Cobalt	1.27E+01	mg/kg	Avg	1.34E+01	value
194	26	SOU194-335	Manganese	8.58E+02	mg/kg	Grid Value	6.25E+02	value
194	26	SOU194-335	Silver	1.00E+01	mg/kg	Grid Value	1.03E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	26	SOU194-335	Thallium	2.90E-01	mg/kg	Avg	3.12E-01	value
194	26	SOU194-335	Vanadium	3.68E+01	mg/kg	Avg	3.84E+01	value
194	26	SOU194-346	Aluminum	1.20E+04	mg/kg	Avg	1.21E+04	value
194	26	SOU194-346	Arsenic	1.10E+01	mg/kg	Grid Value	9.09E+00	value
194	26	SOU194-346	Beryllium	7.25E-01	mg/kg	Avg	7.31E-01	value
194	26	SOU194-346	Chromium	8.50E+01	mg/kg	Grid Value	4.81E+01	value
194	26	SOU194-346	Cobalt	1.27E+01	mg/kg	Avg	1.34E+01	value
194	26	SOU194-346	Manganese	1.85E+02	mg/kg	Grid Value	6.25E+02	value
194	26	SOU194-346	Silver	1.00E+01	mg/kg	Grid Value	1.03E+01	value
194	26	SOU194-346	Thallium	2.90E-01	mg/kg	Avg	3.12E-01	value
194	26	SOU194-346	Vanadium	3.68E+01	mg/kg	Avg	3.84E+01	value
194	26	SOU194-347	Aluminum	1.25E+04	mg/kg	Grid Value	1.21E+04	value
194	26	SOU194-347	Arsenic	8.70E+00	mg/kg	Grid Value	9.09E+00	value
194	26	SOU194-347	Beryllium	7.50E-01	mg/kg	Grid Value	7.31E-01	value
194	26	SOU194-347	Chromium	1.85E+01	mg/kg	Grid Value	4.81E+01	value
194	26	SOU194-347	Cobalt	1.60E+01	mg/kg	Grid Value	1.34E+01	value
194	26	SOU194-347	Manganese	9.04E+02	mg/kg	Grid Value	6.25E+02	value
194	26	SOU194-347	Silver	4.60E-02	mg/kg	Grid Value	1.03E+01	value
194	26	SOU194-347	Thallium	1.90E-01	mg/kg	Grid Value	3.12E-01	value
194	26	SOU194-347	Vanadium	4.41E+01	mg/kg	Grid Value	3.84E+01	value
194	26	SOU194-348	Aluminum	1.20E+04	mg/kg	Avg	1.21E+04	value
194	26	SOU194-348	Arsenic	7.29E+00	mg/kg	Grid Value	9.09E+00	value
194	26	SOU194-348	Beryllium	7.25E-01	mg/kg	Avg	7.31E-01	value
194	26	SOU194-348	Chromium	4.43E+01	mg/kg	Grid Value	4.81E+01	value
194	26	SOU194-348	Cobalt	1.27E+01	mg/kg	Avg	1.34E+01	value
194	26	SOU194-348	Manganese	4.06E+02	mg/kg	Grid Value	6.25E+02	value
194	26	SOU194-348	Silver	1.00E+01	mg/kg	Grid Value	1.03E+01	value
194	26	SOU194-348	Thallium	2.90E-01	mg/kg	Avg	3.12E-01	value
194	26	SOU194-348	Vanadium	3.68E+01	mg/kg	Avg	3.84E+01	value
194	26	SOU194-349	Aluminum	1.20E+04	mg/kg	Avg	1.21E+04	value
194	26	SOU194-349	Arsenic	8.63E+00	mg/kg	Avg	9.09E+00	value
194	26	SOU194-349	Beryllium	7.25E-01	mg/kg	Avg	7.31E-01	value
194	26	SOU194-349	Chromium	5.53E+01	mg/kg	Avg	4.81E+01	value
194	26	SOU194-349	Cobalt	1.27E+01	mg/kg	Avg	1.34E+01	value
194	26	SOU194-349	Manganese	4.90E+02	mg/kg	Avg	6.25E+02	value
194	26	SOU194-349	Silver	8.04E+00	mg/kg	Avg	1.03E+01	value
194	26	SOU194-349	Thallium	2.90E-01	mg/kg	Avg	3.12E-01	value
194	26	SOU194-349	Vanadium	3.68E+01	mg/kg	Avg	3.84E+01	value
194	26	SOU194-360	Aluminum	1.20E+04	mg/kg	Avg	1.21E+04	value
194	26	SOU194-360	Arsenic	7.76E+00	mg/kg	Grid Value	9.09E+00	value
194	26	SOU194-360	Beryllium	7.25E-01	mg/kg	Avg	7.31E-01	value
194	26	SOU194-360	Chromium	4.10E+01	mg/kg	Grid Value	4.81E+01	value
194	26	SOU194-360	Cobalt	1.27E+01	mg/kg	Avg	1.34E+01	value
194	26	SOU194-360	Manganese	2.13E+02	mg/kg	Grid Value	6.25E+02	value
194	26	SOU194-360	Silver	1.03E+01	mg/kg	Grid Value	1.03E+01	value
194	26	SOU194-360	Thallium	2.90E-01	mg/kg	Avg	3.12E-01	value
194	26	SOU194-360	Vanadium	3.68E+01	mg/kg	Avg	3.84E+01	value
194	26	SOU194-361	Aluminum	1.20E+04	mg/kg	Avg	1.21E+04	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	26	SOU194-361	Arsenic	1.10E+01	mg/kg	Grid Value	9.09E+00	value
194	26	SOU194-361	Beryllium	7.25E-01	mg/kg	Avg	7.31E-01	value
194	26	SOU194-361	Chromium	8.50E+01	mg/kg	Grid Value	4.81E+01	value
194	26	SOU194-361	Cobalt	1.27E+01	mg/kg	Avg	1.34E+01	value
194	26	SOU194-361	Manganese	1.48E+02	mg/kg	Grid Value	6.25E+02	value
194	26	SOU194-361	Silver	1.00E+01	mg/kg	Grid Value	1.03E+01	value
194	26	SOU194-361	Thallium	2.90E-01	mg/kg	Avg	3.12E-01	value
194	26	SOU194-361	Vanadium	3.68E+01	mg/kg	Avg	3.84E+01	value
194	26	SOU194-362	Aluminum	1.14E+04	mg/kg	Grid Value	1.21E+04	value
194	26	SOU194-362	Arsenic	7.50E+00	mg/kg	Grid Value	9.09E+00	value
194	26	SOU194-362	Beryllium	7.00E-01	mg/kg	Grid Value	7.31E-01	value
194	26	SOU194-362	Chromium	1.46E+01	mg/kg	Grid Value	4.81E+01	value
194	26	SOU194-362	Cobalt	9.40E+00	mg/kg	Grid Value	1.34E+01	value
194	26	SOU194-362	Manganese	8.68E+02	mg/kg	Grid Value	6.25E+02	value
194	26	SOU194-362	Silver	4.60E-02	mg/kg	Grid Value	1.03E+01	value
194	26	SOU194-362	Thallium	3.90E-01	mg/kg	Grid Value	3.12E-01	value
194	26	SOU194-362	Vanadium	2.95E+01	mg/kg	Grid Value	3.84E+01	value
194	26	SOU194-363	Aluminum	1.20E+04	mg/kg	Avg	1.21E+04	value
194	26	SOU194-363	Arsenic	9.09E+00	mg/kg	Grid Value	9.09E+00	value
194	26	SOU194-363	Beryllium	7.25E-01	mg/kg	Avg	7.31E-01	value
194	26	SOU194-363	Chromium	8.50E+01	mg/kg	Grid Value	4.81E+01	value
194	26	SOU194-363	Cobalt	1.27E+01	mg/kg	Avg	1.34E+01	value
194	26	SOU194-363	Manganese	4.49E+02	mg/kg	Grid Value	6.25E+02	value
194	26	SOU194-363	Silver	1.00E+01	mg/kg	Grid Value	1.03E+01	value
194	26	SOU194-363	Thallium	2.90E-01	mg/kg	Avg	3.12E-01	value
194	26	SOU194-363	Vanadium	3.68E+01	mg/kg	Avg	3.84E+01	value
194	27	SOU194-336	Antimony	4.55E-01	mg/kg	Avg	4.96E-01	value
194	27	SOU194-336	Arsenic	1.10E+01	mg/kg	Grid Value	1.07E+01	value
194	27	SOU194-336	Chromium	5.19E+01	mg/kg	Grid Value	5.16E+01	value
194	27	SOU194-336	Nickel	6.50E+01	mg/kg	Grid Value	6.55E+01	value
194	27	SOU194-336	Silver	1.03E+01	mg/kg	Grid Value	1.03E+01	value
194	27	SOU194-337	Antimony	4.55E-01	mg/kg	Avg	4.96E-01	value
194	27	SOU194-337	Arsenic	1.10E+01	mg/kg	Grid Value	1.07E+01	value
194	27	SOU194-337	Chromium	4.52E+01	mg/kg	Grid Value	5.16E+01	value
194	27	SOU194-337	Nickel	6.50E+01	mg/kg	Grid Value	6.55E+01	value
194	27	SOU194-337	Silver	1.01E+01	mg/kg	Grid Value	1.03E+01	value
194	27	SOU194-338	Antimony	6.40E-01	mg/kg	Grid Value	4.96E-01	value
194	27	SOU194-338	Arsenic	8.32E+00	mg/kg	Grid Value	1.07E+01	value
194	27	SOU194-338	Chromium	4.26E+01	mg/kg	Grid Value	5.16E+01	value
194	27	SOU194-338	Nickel	1.02E+01	mg/kg	Grid Value	6.55E+01	value
194	27	SOU194-338	Silver	3.30E-02	mg/kg	Grid Value	1.03E+01	value
194	27	SOU194-339	Antimony	4.55E-01	mg/kg	Avg	4.96E-01	value
194	27	SOU194-339	Arsenic	8.13E+00	mg/kg	Grid Value	1.07E+01	value
194	27	SOU194-339	Chromium	4.63E+01	mg/kg	Grid Value	5.16E+01	value
194	27	SOU194-339	Nickel	6.50E+01	mg/kg	Grid Value	6.55E+01	value
194	27	SOU194-339	Silver	1.00E+01	mg/kg	Grid Value	1.03E+01	value
194	27	SOU194-350	Antimony	4.55E-01	mg/kg	Avg	4.96E-01	value
194	27	SOU194-350	Arsenic	9.11E+00	mg/kg	Avg	1.07E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	27	SOU194-350	Chromium	4.94E+01	mg/kg	Avg	5.16E+01	value
194	27	SOU194-350	Nickel	5.22E+01	mg/kg	Avg	6.55E+01	value
194	27	SOU194-350	Silver	7.86E+00	mg/kg	Avg	1.03E+01	value
194	27	SOU194-351	Antimony	4.55E-01	mg/kg	Avg	4.96E-01	value
194	27	SOU194-351	Arsenic	5.38E+00	mg/kg	Grid Value	1.07E+01	value
194	27	SOU194-351	Chromium	4.70E+01	mg/kg	Grid Value	5.16E+01	value
194	27	SOU194-351	Nickel	5.80E+01	mg/kg	Grid Value	6.55E+01	value
194	27	SOU194-351	Silver	1.00E+01	mg/kg	Grid Value	1.03E+01	value
194	27	SOU194-352	Antimony	4.55E-01	mg/kg	Avg	4.96E-01	value
194	27	SOU194-352	Arsenic	1.61E+01	mg/kg	Grid Value	1.07E+01	value
194	27	SOU194-352	Chromium	5.74E+01	mg/kg	Grid Value	5.16E+01	value
194	27	SOU194-352	Nickel	6.42E+01	mg/kg	Grid Value	6.55E+01	value
194	27	SOU194-352	Silver	1.03E+01	mg/kg	Grid Value	1.03E+01	value
194	27	SOU194-353	Antimony	4.55E-01	mg/kg	Avg	4.96E-01	value
194	27	SOU194-353	Arsenic	5.84E+00	mg/kg	Grid Value	1.07E+01	value
194	27	SOU194-353	Chromium	5.22E+01	mg/kg	Grid Value	5.16E+01	value
194	27	SOU194-353	Nickel	6.50E+01	mg/kg	Grid Value	6.55E+01	value
194	27	SOU194-353	Silver	1.00E+01	mg/kg	Grid Value	1.03E+01	value
194	27	SOU194-364	Antimony	4.55E-01	mg/kg	Avg	4.96E-01	value
194	27	SOU194-364	Arsenic	9.11E+00	mg/kg	Avg	1.07E+01	value
194	27	SOU194-364	Chromium	4.94E+01	mg/kg	Avg	5.16E+01	value
194	27	SOU194-364	Nickel	5.22E+01	mg/kg	Avg	6.55E+01	value
194	27	SOU194-364	Silver	7.86E+00	mg/kg	Avg	1.03E+01	value
194	27	SOU194-365	Antimony	4.55E-01	mg/kg	Avg	4.96E-01	value
194	27	SOU194-365	Arsenic	9.11E+00	mg/kg	Avg	1.07E+01	value
194	27	SOU194-365	Chromium	4.94E+01	mg/kg	Avg	5.16E+01	value
194	27	SOU194-365	Nickel	5.22E+01	mg/kg	Avg	6.55E+01	value
194	27	SOU194-365	Silver	7.86E+00	mg/kg	Avg	1.03E+01	value
194	27	SOU194-366	Antimony	4.55E-01	mg/kg	Avg	4.96E-01	value
194	27	SOU194-366	Arsenic	5.53E+00	mg/kg	Grid Value	1.07E+01	value
194	27	SOU194-366	Chromium	5.52E+01	mg/kg	Grid Value	5.16E+01	value
194	27	SOU194-366	Nickel	6.55E+01	mg/kg	Grid Value	6.55E+01	value
194	27	SOU194-366	Silver	1.00E+01	mg/kg	Grid Value	1.03E+01	value
194	27	SOU194-367	Antimony	2.70E-01	mg/kg	Grid Value	4.96E-01	value
194	27	SOU194-367	Arsenic	1.07E+01	mg/kg	Grid Value	1.07E+01	value
194	27	SOU194-367	Chromium	4.69E+01	mg/kg	Grid Value	5.16E+01	value
194	27	SOU194-367	Nickel	1.16E+01	mg/kg	Grid Value	6.55E+01	value
194	27	SOU194-367	Silver	4.40E-02	mg/kg	Grid Value	1.03E+01	value
194	28	SOU194-340	Arsenic	5.93E+00	mg/kg	Grid Value	1.13E+01	value
194	28	SOU194-340	Beryllium	7.35E-01	mg/kg	Avg	7.41E-01	value
194	28	SOU194-340	Chromium	8.64E+01	mg/kg	Grid Value	6.36E+01	value
194	28	SOU194-340	Manganese	1.39E+03	mg/kg	Grid Value	1.21E+03	value
194	28	SOU194-340	Nickel	6.50E+01	mg/kg	Grid Value	6.89E+01	value
194	28	SOU194-340	Silver	1.00E+01	mg/kg	Grid Value	1.52E+01	value
194	28	SOU194-340	Vanadium	3.79E+01	mg/kg	Avg	3.85E+01	value
194	28	SOU194-341	Arsenic	7.19E+00	mg/kg	Grid Value	1.13E+01	value
194	28	SOU194-341	Beryllium	7.35E-01	mg/kg	Avg	7.41E-01	value
194	28	SOU194-341	Chromium	6.37E+01	mg/kg	Grid Value	6.36E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	28	SOU194-341	Manganese	3.92E+02	mg/kg	Grid Value	1.21E+03	value
194	28	SOU194-341	Nickel	6.97E+01	mg/kg	Grid Value	6.89E+01	value
194	28	SOU194-341	Silver	1.18E+01	mg/kg	Grid Value	1.52E+01	value
194	28	SOU194-341	Vanadium	3.79E+01	mg/kg	Avg	3.85E+01	value
194	28	SOU194-342	Arsenic	1.48E+01	mg/kg	Grid Value	1.13E+01	value
194	28	SOU194-342	Beryllium	7.10E-01	mg/kg	Grid Value	7.41E-01	value
194	28	SOU194-342	Chromium	4.42E+01	mg/kg	Grid Value	6.36E+01	value
194	28	SOU194-342	Manganese	2.40E+03	mg/kg	Grid Value	1.21E+03	value
194	28	SOU194-342	Nickel	1.36E+01	mg/kg	Grid Value	6.89E+01	value
194	28	SOU194-342	Silver	1.52E+01	mg/kg	Grid Value	1.52E+01	value
194	28	SOU194-342	Vanadium	4.06E+01	mg/kg	Grid Value	3.85E+01	value
194	28	SOU194-343	Arsenic	5.96E+00	mg/kg	Grid Value	1.13E+01	value
194	28	SOU194-343	Beryllium	7.35E-01	mg/kg	Avg	7.41E-01	value
194	28	SOU194-343	Chromium	3.54E+01	mg/kg	Grid Value	6.36E+01	value
194	28	SOU194-343	Manganese	3.00E+02	mg/kg	Grid Value	1.21E+03	value
194	28	SOU194-343	Nickel	6.93E+01	mg/kg	Grid Value	6.89E+01	value
194	28	SOU194-343	Silver	1.00E+01	mg/kg	Grid Value	1.52E+01	value
194	28	SOU194-343	Vanadium	3.79E+01	mg/kg	Avg	3.85E+01	value
194	28	SOU194-354	Arsenic	1.01E+01	mg/kg	Grid Value	1.13E+01	value
194	28	SOU194-354	Beryllium	7.60E-01	mg/kg	Grid Value	7.41E-01	value
194	28	SOU194-354	Chromium	5.75E+01	mg/kg	Grid Value	6.36E+01	value
194	28	SOU194-354	Manganese	1.20E+03	mg/kg	Grid Value	1.21E+03	value
194	28	SOU194-354	Nickel	5.88E+01	mg/kg	Grid Value	6.89E+01	value
194	28	SOU194-354	Silver	3.30E-02	mg/kg	Grid Value	1.52E+01	value
194	28	SOU194-354	Vanadium	3.52E+01	mg/kg	Grid Value	3.85E+01	value
194	28	SOU194-355	Arsenic	7.43E+00	mg/kg	Grid Value	1.13E+01	value
194	28	SOU194-355	Beryllium	7.35E-01	mg/kg	Avg	7.41E-01	value
194	28	SOU194-355	Chromium	7.23E+01	mg/kg	Grid Value	6.36E+01	value
194	28	SOU194-355	Manganese	3.18E+02	mg/kg	Grid Value	1.21E+03	value
194	28	SOU194-355	Nickel	6.61E+01	mg/kg	Grid Value	6.89E+01	value
194	28	SOU194-355	Silver	1.00E+01	mg/kg	Grid Value	1.52E+01	value
194	28	SOU194-355	Vanadium	3.79E+01	mg/kg	Avg	3.85E+01	value
194	28	SOU194-356	Arsenic	1.10E+01	mg/kg	Grid Value	1.13E+01	value
194	28	SOU194-356	Beryllium	7.35E-01	mg/kg	Avg	7.41E-01	value
194	28	SOU194-356	Chromium	4.49E+01	mg/kg	Grid Value	6.36E+01	value
194	28	SOU194-356	Manganese	3.56E+02	mg/kg	Grid Value	1.21E+03	value
194	28	SOU194-356	Nickel	6.50E+01	mg/kg	Grid Value	6.89E+01	value
194	28	SOU194-356	Silver	1.06E+01	mg/kg	Grid Value	1.52E+01	value
194	28	SOU194-356	Vanadium	3.79E+01	mg/kg	Avg	3.85E+01	value
194	28	SOU194-357	Arsenic	8.88E+00	mg/kg	Grid Value	1.13E+01	value
194	28	SOU194-357	Beryllium	7.35E-01	mg/kg	Avg	7.41E-01	value
194	28	SOU194-357	Chromium	4.30E+01	mg/kg	Grid Value	6.36E+01	value
194	28	SOU194-357	Manganese	6.02E+02	mg/kg	Grid Value	1.21E+03	value
194	28	SOU194-357	Nickel	6.50E+01	mg/kg	Grid Value	6.89E+01	value
194	28	SOU194-357	Silver	1.00E+01	mg/kg	Grid Value	1.52E+01	value
194	28	SOU194-357	Vanadium	3.79E+01	mg/kg	Avg	3.85E+01	value
194	28	SOU194-368	Arsenic	1.10E+01	mg/kg	Grid Value	1.13E+01	value
194	28	SOU194-368	Beryllium	7.35E-01	mg/kg	Avg	7.41E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	28	SOU194-368	Chromium	3.88E+01	mg/kg	Grid Value	6.36E+01	value
194	28	SOU194-368	Manganese	5.77E+02	mg/kg	Grid Value	1.21E+03	value
194	28	SOU194-368	Nickel	6.50E+01	mg/kg	Grid Value	6.89E+01	value
194	28	SOU194-368	Silver	1.00E+01	mg/kg	Grid Value	1.52E+01	value
194	28	SOU194-368	Vanadium	3.79E+01	mg/kg	Avg	3.85E+01	value
194	28	SOU194-369	Arsenic	1.07E+01	mg/kg	Grid Value	1.13E+01	value
194	28	SOU194-369	Beryllium	7.35E-01	mg/kg	Avg	7.41E-01	value
194	28	SOU194-369	Chromium	4.73E+01	mg/kg	Grid Value	6.36E+01	value
194	28	SOU194-369	Manganese	2.65E+02	mg/kg	Grid Value	1.21E+03	value
194	28	SOU194-369	Nickel	6.50E+01	mg/kg	Grid Value	6.89E+01	value
194	28	SOU194-369	Silver	1.08E+01	mg/kg	Grid Value	1.52E+01	value
194	28	SOU194-369	Vanadium	3.79E+01	mg/kg	Avg	3.85E+01	value
194	28	SOU194-370	Arsenic	1.38E+01	mg/kg	Grid Value	1.13E+01	value
194	28	SOU194-370	Beryllium	7.35E-01	mg/kg	Avg	7.41E-01	value
194	28	SOU194-370	Chromium	7.82E+01	mg/kg	Grid Value	6.36E+01	value
194	28	SOU194-370	Manganese	1.23E+03	mg/kg	Grid Value	1.21E+03	value
194	28	SOU194-370	Nickel	6.50E+01	mg/kg	Grid Value	6.89E+01	value
194	28	SOU194-370	Silver	1.00E+01	mg/kg	Grid Value	1.52E+01	value
194	28	SOU194-370	Vanadium	3.79E+01	mg/kg	Avg	3.85E+01	value
194	28	SOU194-371	Arsenic	1.10E+01	mg/kg	Grid Value	1.13E+01	value
194	28	SOU194-371	Beryllium	7.35E-01	mg/kg	Avg	7.41E-01	value
194	28	SOU194-371	Chromium	4.81E+01	mg/kg	Grid Value	6.36E+01	value
194	28	SOU194-371	Manganese	5.55E+02	mg/kg	Grid Value	1.21E+03	value
194	28	SOU194-371	Nickel	6.50E+01	mg/kg	Grid Value	6.89E+01	value
194	28	SOU194-371	Silver	1.17E+01	mg/kg	Grid Value	1.52E+01	value
194	28	SOU194-371	Vanadium	3.79E+01	mg/kg	Avg	3.85E+01	value
194	29	SOU194-374	Aluminum	1.32E+04	mg/kg	Avg	1.32E+04	maximum value
194	29	SOU194-374	Antimony	7.10E-01	mg/kg	Avg	7.10E-01	maximum value
194	29	SOU194-374	Arsenic	7.69E+00	mg/kg	Grid Value	1.43E+01	maximum value
194	29	SOU194-374	Barium	1.88E+02	mg/kg	Avg	1.88E+02	maximum value
194	29	SOU194-374	Beryllium	8.20E-01	mg/kg	Avg	8.20E-01	maximum value
194	29	SOU194-374	Chromium	5.06E+01	mg/kg	Grid Value	5.76E+01	maximum value
194	29	SOU194-374	Cobalt	1.41E+01	mg/kg	Avg	1.41E+01	maximum value
194	29	SOU194-374	Manganese	6.25E+02	mg/kg	Grid Value	2.65E+03	maximum value
194	29	SOU194-374	Nickel	6.50E+01	mg/kg	Grid Value	8.47E+01	maximum value
194	29	SOU194-374	Silver	1.00E+01	mg/kg	Grid Value	9.77E+00	maximum value
194	29	SOU194-374	Thallium	4.40E-01	mg/kg	Avg	4.40E-01	maximum value
194	29	SOU194-374	Vanadium	4.12E+01	mg/kg	Avg	4.12E+01	maximum value
194	29	SOU194-375	Aluminum	1.32E+04	mg/kg	Grid Value	1.32E+04	maximum value
194	29	SOU194-375	Antimony	7.10E-01	mg/kg	Grid Value	7.10E-01	maximum value
194	29	SOU194-375	Arsenic	1.43E+01	mg/kg	Grid Value	1.43E+01	maximum value
194	29	SOU194-375	Barium	1.88E+02	mg/kg	Grid Value	1.88E+02	maximum value
194	29	SOU194-375	Beryllium	8.20E-01	mg/kg	Grid Value	8.20E-01	maximum value
194	29	SOU194-375	Chromium	4.40E+01	mg/kg	Grid Value	5.76E+01	maximum value
194	29	SOU194-375	Cobalt	1.41E+01	mg/kg	Grid Value	1.41E+01	maximum value
194	29	SOU194-375	Manganese	2.65E+03	mg/kg	Grid Value	2.65E+03	maximum value
194	29	SOU194-375	Nickel	8.47E+01	mg/kg	Grid Value	8.47E+01	maximum value
194	29	SOU194-375	Silver	3.40E-02	mg/kg	Grid Value	9.77E+00	maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	29	SOU194-375	Thallium	4.40E-01	mg/kg	Grid Value	4.40E-01	maximum value
194	29	SOU194-375	Vanadium	4.12E+01	mg/kg	Grid Value	4.12E+01	maximum value
194	29	SOU194-376	Aluminum	1.32E+04	mg/kg	Avg	1.32E+04	maximum value
194	29	SOU194-376	Antimony	7.10E-01	mg/kg	Avg	7.10E-01	maximum value
194	29	SOU194-376	Arsenic	9.71E+00	mg/kg	Avg	1.43E+01	maximum value
194	29	SOU194-376	Barium	1.88E+02	mg/kg	Avg	1.88E+02	maximum value
194	29	SOU194-376	Beryllium	8.20E-01	mg/kg	Avg	8.20E-01	maximum value
194	29	SOU194-376	Chromium	5.56E+01	mg/kg	Avg	5.76E+01	maximum value
194	29	SOU194-376	Cobalt	1.41E+01	mg/kg	Avg	1.41E+01	maximum value
194	29	SOU194-376	Manganese	8.75E+02	mg/kg	Avg	2.65E+03	maximum value
194	29	SOU194-376	Nickel	6.80E+01	mg/kg	Avg	8.47E+01	maximum value
194	29	SOU194-376	Silver	7.96E+00	mg/kg	Avg	9.77E+00	maximum value
194	29	SOU194-376	Thallium	4.40E-01	mg/kg	Avg	4.40E-01	maximum value
194	29	SOU194-376	Vanadium	4.12E+01	mg/kg	Avg	4.12E+01	maximum value
194	29	SOU194-377	Aluminum	1.32E+04	mg/kg	Avg	1.32E+04	maximum value
194	29	SOU194-377	Antimony	7.10E-01	mg/kg	Avg	7.10E-01	maximum value
194	29	SOU194-377	Arsenic	9.71E+00	mg/kg	Avg	1.43E+01	maximum value
194	29	SOU194-377	Barium	1.88E+02	mg/kg	Avg	1.88E+02	maximum value
194	29	SOU194-377	Beryllium	8.20E-01	mg/kg	Avg	8.20E-01	maximum value
194	29	SOU194-377	Chromium	5.56E+01	mg/kg	Avg	5.76E+01	maximum value
194	29	SOU194-377	Cobalt	1.41E+01	mg/kg	Avg	1.41E+01	maximum value
194	29	SOU194-377	Manganese	8.75E+02	mg/kg	Avg	2.65E+03	maximum value
194	29	SOU194-377	Nickel	6.80E+01	mg/kg	Avg	8.47E+01	maximum value
194	29	SOU194-377	Silver	7.96E+00	mg/kg	Avg	9.77E+00	maximum value
194	29	SOU194-377	Thallium	4.40E-01	mg/kg	Avg	4.40E-01	maximum value
194	29	SOU194-377	Vanadium	4.12E+01	mg/kg	Avg	4.12E+01	maximum value
194	29	SOU194-378	Aluminum	1.32E+04	mg/kg	Avg	1.32E+04	maximum value
194	29	SOU194-378	Antimony	7.10E-01	mg/kg	Avg	7.10E-01	maximum value
194	29	SOU194-378	Arsenic	9.50E+00	mg/kg	Grid Value	1.43E+01	maximum value
194	29	SOU194-378	Barium	1.88E+02	mg/kg	Avg	1.88E+02	maximum value
194	29	SOU194-378	Beryllium	8.20E-01	mg/kg	Avg	8.20E-01	maximum value
194	29	SOU194-378	Chromium	8.50E+01	mg/kg	Grid Value	5.76E+01	maximum value
194	29	SOU194-378	Cobalt	1.41E+01	mg/kg	Avg	1.41E+01	maximum value
194	29	SOU194-378	Manganese	6.74E+02	mg/kg	Grid Value	2.65E+03	maximum value
194	29	SOU194-378	Nickel	6.05E+01	mg/kg	Grid Value	8.47E+01	maximum value
194	29	SOU194-378	Silver	9.77E+00	mg/kg	Grid Value	9.77E+00	maximum value
194	29	SOU194-378	Thallium	4.40E-01	mg/kg	Avg	4.40E-01	maximum value
194	29	SOU194-378	Vanadium	4.12E+01	mg/kg	Avg	4.12E+01	maximum value
194	29	SOU194-379	Aluminum	1.32E+04	mg/kg	Avg	1.32E+04	maximum value
194	29	SOU194-379	Antimony	7.10E-01	mg/kg	Avg	7.10E-01	maximum value
194	29	SOU194-379	Arsenic	6.07E+00	mg/kg	Grid Value	1.43E+01	maximum value
194	29	SOU194-379	Barium	1.88E+02	mg/kg	Avg	1.88E+02	maximum value
194	29	SOU194-379	Beryllium	8.20E-01	mg/kg	Avg	8.20E-01	maximum value
194	29	SOU194-379	Chromium	4.09E+01	mg/kg	Grid Value	5.76E+01	maximum value
194	29	SOU194-379	Cobalt	1.41E+01	mg/kg	Avg	1.41E+01	maximum value
194	29	SOU194-379	Manganese	2.27E+02	mg/kg	Grid Value	2.65E+03	maximum value
194	29	SOU194-379	Nickel	6.51E+01	mg/kg	Grid Value	8.47E+01	maximum value
194	29	SOU194-379	Silver	1.00E+01	mg/kg	Grid Value	9.77E+00	maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	29	SOU194-379	Thallium	4.40E-01	mg/kg	Avg	4.40E-01	maximum value
194	29	SOU194-379	Vanadium	4.12E+01	mg/kg	Avg	4.12E+01	maximum value
194	29	SOU194-385	Aluminum	1.32E+04	mg/kg	Avg	1.32E+04	maximum value
194	29	SOU194-385	Antimony	7.10E-01	mg/kg	Avg	7.10E-01	maximum value
194	29	SOU194-385	Arsenic	9.71E+00	mg/kg	Avg	1.43E+01	maximum value
194	29	SOU194-385	Barium	1.88E+02	mg/kg	Avg	1.88E+02	maximum value
194	29	SOU194-385	Beryllium	8.20E-01	mg/kg	Avg	8.20E-01	maximum value
194	29	SOU194-385	Chromium	5.56E+01	mg/kg	Avg	5.76E+01	maximum value
194	29	SOU194-385	Cobalt	1.41E+01	mg/kg	Avg	1.41E+01	maximum value
194	29	SOU194-385	Manganese	8.75E+02	mg/kg	Avg	2.65E+03	maximum value
194	29	SOU194-385	Nickel	6.80E+01	mg/kg	Avg	8.47E+01	maximum value
194	29	SOU194-385	Silver	7.96E+00	mg/kg	Avg	9.77E+00	maximum value
194	29	SOU194-385	Thallium	4.40E-01	mg/kg	Avg	4.40E-01	maximum value
194	29	SOU194-385	Vanadium	4.12E+01	mg/kg	Avg	4.12E+01	maximum value
194	29	SOU194-386	Aluminum	1.32E+04	mg/kg	Avg	1.32E+04	maximum value
194	29	SOU194-386	Antimony	7.10E-01	mg/kg	Avg	7.10E-01	maximum value
194	29	SOU194-386	Arsenic	1.10E+01	mg/kg	Grid Value	1.43E+01	maximum value
194	29	SOU194-386	Barium	1.88E+02	mg/kg	Avg	1.88E+02	maximum value
194	29	SOU194-386	Beryllium	8.20E-01	mg/kg	Avg	8.20E-01	maximum value
194	29	SOU194-386	Chromium	5.76E+01	mg/kg	Grid Value	5.76E+01	maximum value
194	29	SOU194-386	Cobalt	1.41E+01	mg/kg	Avg	1.41E+01	maximum value
194	29	SOU194-386	Manganese	1.97E+02	mg/kg	Grid Value	2.65E+03	maximum value
194	29	SOU194-386	Nickel	6.50E+01	mg/kg	Grid Value	8.47E+01	maximum value
194	29	SOU194-386	Silver	1.00E+01	mg/kg	Grid Value	9.77E+00	maximum value
194	29	SOU194-386	Thallium	4.40E-01	mg/kg	Avg	4.40E-01	maximum value
194	29	SOU194-386	Vanadium	4.12E+01	mg/kg	Avg	4.12E+01	maximum value
194	30	SOU194-380	Arsenic	6.80E+00	mg/kg	Grid Value	9.44E+00	value
194	30	SOU194-380	Beryllium	1.94E+00	mg/kg	Avg	3.16E+00	value
194	30	SOU194-380	Chromium	3.76E+01	mg/kg	Grid Value	5.70E+01	value
194	30	SOU194-380	Manganese	6.97E+02	mg/kg	Grid Value	6.15E+02	value
194	30	SOU194-380	Mercury	1.00E+01	mg/kg	Grid Value	8.80E+00	value
194	30	SOU194-380	Nickel	6.50E+01	mg/kg	Grid Value	6.99E+01	value
194	30	SOU194-380	Silver	1.04E+01	mg/kg	Grid Value	1.04E+01	value
194	30	SOU194-380	Vanadium	2.58E+01	mg/kg	Avg	2.79E+01	value
194	30	SOU194-381	Arsenic	1.32E+01	mg/kg	Grid Value	9.44E+00	value
194	30	SOU194-381	Beryllium	1.94E+00	mg/kg	Avg	3.16E+00	value
194	30	SOU194-381	Chromium	5.66E+01	mg/kg	Grid Value	5.70E+01	value
194	30	SOU194-381	Manganese	4.60E+02	mg/kg	Grid Value	6.15E+02	value
194	30	SOU194-381	Mercury	1.00E+01	mg/kg	Grid Value	8.80E+00	value
194	30	SOU194-381	Nickel	6.07E+01	mg/kg	Grid Value	6.99E+01	value
194	30	SOU194-381	Silver	1.00E+01	mg/kg	Grid Value	1.04E+01	value
194	30	SOU194-381	Vanadium	2.58E+01	mg/kg	Avg	2.79E+01	value
194	30	SOU194-382	Arsenic	6.63E+00	mg/kg	Grid Value	9.44E+00	value
194	30	SOU194-382	Beryllium	1.94E+00	mg/kg	Avg	3.16E+00	value
194	30	SOU194-382	Chromium	5.34E+01	mg/kg	Grid Value	5.70E+01	value
194	30	SOU194-382	Manganese	3.25E+02	mg/kg	Grid Value	6.15E+02	value
194	30	SOU194-382	Mercury	1.00E+01	mg/kg	Grid Value	8.80E+00	value
194	30	SOU194-382	Nickel	6.50E+01	mg/kg	Grid Value	6.99E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	30	SOU194-382	Silver	1.00E+01	mg/kg	Grid Value	1.04E+01	value
194	30	SOU194-382	Vanadium	2.58E+01	mg/kg	Avg	2.79E+01	value
194	30	SOU194-383	Arsenic	1.10E+01	mg/kg	Grid Value	9.44E+00	value
194	30	SOU194-383	Beryllium	1.94E+00	mg/kg	Avg	3.16E+00	value
194	30	SOU194-383	Chromium	3.92E+01	mg/kg	Grid Value	5.70E+01	value
194	30	SOU194-383	Manganese	3.38E+02	mg/kg	Grid Value	6.15E+02	value
194	30	SOU194-383	Mercury	1.00E+01	mg/kg	Grid Value	8.80E+00	value
194	30	SOU194-383	Nickel	6.64E+01	mg/kg	Grid Value	6.99E+01	value
194	30	SOU194-383	Silver	1.00E+01	mg/kg	Grid Value	1.04E+01	value
194	30	SOU194-383	Vanadium	2.58E+01	mg/kg	Avg	2.79E+01	value
194	30	SOU194-384	Arsenic	8.34E+00	mg/kg	Avg	9.44E+00	value
194	30	SOU194-384	Beryllium	1.94E+00	mg/kg	Avg	3.16E+00	value
194	30	SOU194-384	Chromium	5.10E+01	mg/kg	Avg	5.70E+01	value
194	30	SOU194-384	Manganese	4.85E+02	mg/kg	Avg	6.15E+02	value
194	30	SOU194-384	Mercury	7.69E+00	mg/kg	Avg	8.80E+00	value
194	30	SOU194-384	Nickel	5.38E+01	mg/kg	Avg	6.99E+01	value
194	30	SOU194-384	Silver	8.39E+00	mg/kg	Avg	1.04E+01	value
194	30	SOU194-384	Vanadium	2.58E+01	mg/kg	Avg	2.79E+01	value
194	30	SOU194-387	Arsenic	9.87E+00	mg/kg	Grid Value	9.44E+00	value
194	30	SOU194-387	Beryllium	1.94E+00	mg/kg	Avg	3.16E+00	value
194	30	SOU194-387	Chromium	5.86E+01	mg/kg	Grid Value	5.70E+01	value
194	30	SOU194-387	Manganese	5.28E+02	mg/kg	Grid Value	6.15E+02	value
194	30	SOU194-387	Mercury	1.00E+01	mg/kg	Grid Value	8.80E+00	value
194	30	SOU194-387	Nickel	6.70E+01	mg/kg	Grid Value	6.99E+01	value
194	30	SOU194-387	Silver	1.00E+01	mg/kg	Grid Value	1.04E+01	value
194	30	SOU194-387	Vanadium	2.58E+01	mg/kg	Avg	2.79E+01	value
194	30	SOU194-388	Arsenic	1.00E+01	mg/kg	Grid Value	9.44E+00	value
194	30	SOU194-388	Beryllium	6.70E-01	mg/kg	Grid Value	3.16E+00	value
194	30	SOU194-388	Chromium	4.70E+01	mg/kg	Grid Value	5.70E+01	value
194	30	SOU194-388	Manganese	1.24E+03	mg/kg	Grid Value	6.15E+02	value
194	30	SOU194-388	Mercury	2.71E-02	mg/kg	Grid Value	8.80E+00	value
194	30	SOU194-388	Nickel	6.05E+01	mg/kg	Grid Value	6.99E+01	value
194	30	SOU194-388	Silver	9.69E+00	mg/kg	Grid Value	1.04E+01	value
194	30	SOU194-388	Vanadium	3.70E+01	mg/kg	Grid Value	2.79E+01	value
194	30	SOU194-389	Arsenic	8.09E+00	mg/kg	Grid Value	9.44E+00	value
194	30	SOU194-389	Beryllium	1.94E+00	mg/kg	Avg	3.16E+00	value
194	30	SOU194-389	Chromium	3.99E+01	mg/kg	Grid Value	5.70E+01	value
194	30	SOU194-389	Manganese	2.19E+02	mg/kg	Grid Value	6.15E+02	value
194	30	SOU194-389	Mercury	1.00E+01	mg/kg	Grid Value	8.80E+00	value
194	30	SOU194-389	Nickel	6.51E+01	mg/kg	Grid Value	6.99E+01	value
194	30	SOU194-389	Silver	1.00E+01	mg/kg	Grid Value	1.04E+01	value
194	30	SOU194-389	Vanadium	2.58E+01	mg/kg	Avg	2.79E+01	value
194	30	SOU194-390	Arsenic	5.00E+00	mg/kg	Grid Value	9.44E+00	value
194	30	SOU194-390	Beryllium	4.80E+00	mg/kg	Grid Value	3.16E+00	value
194	30	SOU194-390	Chromium	4.68E+01	mg/kg	Grid Value	5.70E+01	value
194	30	SOU194-390	Manganese	3.25E+02	mg/kg	Grid Value	6.15E+02	value
194	30	SOU194-390	Mercury	2.00E-01	mg/kg	Grid Value	8.80E+00	value
194	30	SOU194-390	Nickel	1.09E+01	mg/kg	Grid Value	6.99E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
194	30	SOU194-390	Silver	4.00E+00	mg/kg	Grid Value	1.04E+01	value
194	30	SOU194-390	Vanadium	2.36E+01	mg/kg	Grid Value	2.79E+01	value
194	30	SOU194-391	Arsenic	8.34E+00	mg/kg	Avg	9.44E+00	value
194	30	SOU194-391	Beryllium	1.94E+00	mg/kg	Avg	3.16E+00	value
194	30	SOU194-391	Chromium	5.10E+01	mg/kg	Avg	5.70E+01	value
194	30	SOU194-391	Manganese	4.85E+02	mg/kg	Avg	6.15E+02	value
194	30	SOU194-391	Mercury	7.69E+00	mg/kg	Avg	8.80E+00	value
194	30	SOU194-391	Nickel	5.38E+01	mg/kg	Avg	6.99E+01	value
194	30	SOU194-391	Silver	8.39E+00	mg/kg	Avg	1.04E+01	value
194	30	SOU194-391	Vanadium	2.58E+01	mg/kg	Avg	2.79E+01	value
194	30	SOU194-392	Arsenic	6.27E+00	mg/kg	Grid Value	9.44E+00	value
194	30	SOU194-392	Beryllium	1.94E+00	mg/kg	Avg	3.16E+00	value
194	30	SOU194-392	Chromium	8.50E+01	mg/kg	Grid Value	5.70E+01	value
194	30	SOU194-392	Manganese	3.42E+02	mg/kg	Grid Value	6.15E+02	value
194	30	SOU194-392	Mercury	7.84E+00	mg/kg	Grid Value	8.80E+00	value
194	30	SOU194-392	Nickel	6.99E+01	mg/kg	Grid Value	6.99E+01	value
194	30	SOU194-392	Silver	9.76E+00	mg/kg	Grid Value	1.04E+01	value
194	30	SOU194-392	Vanadium	2.58E+01	mg/kg	Avg	2.79E+01	value
194	30	SOU194-393	Arsenic	6.56E+00	mg/kg	Grid Value	9.44E+00	value
194	30	SOU194-393	Beryllium	3.40E-01	mg/kg	Grid Value	3.16E+00	value
194	30	SOU194-393	Chromium	4.58E+01	mg/kg	Grid Value	5.70E+01	value
194	30	SOU194-393	Manganese	3.77E+02	mg/kg	Grid Value	6.15E+02	value
194	30	SOU194-393	Mercury	8.80E+00	mg/kg	Grid Value	8.80E+00	value
194	30	SOU194-393	Nickel	7.20E+00	mg/kg	Grid Value	6.99E+01	value
194	30	SOU194-393	Silver	3.00E-02	mg/kg	Grid Value	1.04E+01	value
194	30	SOU194-393	Vanadium	1.68E+01	mg/kg	Grid Value	2.79E+01	value
194	30	SOU194-394	Arsenic	8.34E+00	mg/kg	Avg	9.44E+00	value
194	30	SOU194-394	Beryllium	1.94E+00	mg/kg	Avg	3.16E+00	value
194	30	SOU194-394	Chromium	5.10E+01	mg/kg	Avg	5.70E+01	value
194	30	SOU194-394	Manganese	4.85E+02	mg/kg	Avg	6.15E+02	value
194	30	SOU194-394	Mercury	7.69E+00	mg/kg	Avg	8.80E+00	value
194	30	SOU194-394	Nickel	5.38E+01	mg/kg	Avg	6.99E+01	value
194	30	SOU194-394	Silver	8.39E+00	mg/kg	Avg	1.04E+01	value
194	30	SOU194-394	Vanadium	2.58E+01	mg/kg	Avg	2.79E+01	value
194	31	RAD	Cesium-137	5.70E-01	pCi/g	Grid Value	5.70E-01	maximum value
194	31	RAD	Uranium-238	1.72E+00	pCi/g	Grid Value	1.72E+00	maximum value
196	1	SOU196-001	Aluminum	1.09E+04	mg/kg	Grid Value	1.79E+04	maximum value
196	1	SOU196-001	Antimony	5.90E-01	mg/kg	Grid Value	1.21E+02	maximum value
196	1	SOU196-001	Arsenic	5.10E+00	mg/kg	Grid Value	1.05E+01	maximum value
196	1	SOU196-001	Barium	1.43E+02	mg/kg	Grid Value	3.89E+02	maximum value
196	1	SOU196-001	Beryllium	4.00E-01	mg/kg	Grid Value	1.13E+02	maximum value
196	1	SOU196-001	Cadmium	4.00E-01	mg/kg	Grid Value	1.16E+02	maximum value
196	1	SOU196-001	Chromium	1.96E+01	mg/kg	Grid Value	1.12E+02	maximum value
196	1	SOU196-001	Cobalt	8.30E+00	mg/kg	Grid Value	1.12E+02	maximum value
196	1	SOU196-001	Iron	1.17E+04	mg/kg	Grid Value	2.96E+04	maximum value
196	1	SOU196-001	Manganese	6.80E+02	mg/kg	Grid Value	1.98E+03	maximum value
196	1	SOU196-001	Nickel	5.56E+02	mg/kg	Grid Value	5.87E+02	maximum value
196	1	SOU196-001	Silver	9.40E-02	mg/kg	Grid Value	6.54E+01	maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
196	1	SOU196-001	Thallium	1.90E-01	mg/kg	Grid Value	1.14E+02	maximum value
196	1	SOU196-001	Uranium	2.33E+01	mg/kg	Grid Value	2.33E+01	maximum value
196	1	SOU196-001	Vanadium	2.56E+01	mg/kg	Grid Value	4.38E+01	maximum value
196	1	SOU196-001	Zinc	7.80E+01	mg/kg	Grid Value	1.65E+03	maximum value
196	1	SOU196-001	Neptunium-237	3.11E-01	pCi/g	Grid Value	3.11E-01	maximum value
196	1	SOU196-001	Uranium-238	1.54E+00	pCi/g	Grid Value	1.54E+00	maximum value
196	1	SOU196-002	Aluminum	1.79E+04	mg/kg	Grid Value	1.79E+04	maximum value
196	1	SOU196-002	Antimony	1.21E+02	mg/kg	Grid Value	1.21E+02	maximum value
196	1	SOU196-002	Arsenic	1.05E+01	mg/kg	Grid Value	1.05E+01	maximum value
196	1	SOU196-002	Barium	3.89E+02	mg/kg	Grid Value	3.89E+02	maximum value
196	1	SOU196-002	Beryllium	1.13E+02	mg/kg	Grid Value	1.13E+02	maximum value
196	1	SOU196-002	Cadmium	1.16E+02	mg/kg	Grid Value	1.16E+02	maximum value
196	1	SOU196-002	Chromium	1.12E+02	mg/kg	Grid Value	1.12E+02	maximum value
196	1	SOU196-002	Cobalt	1.12E+02	mg/kg	Grid Value	1.12E+02	maximum value
196	1	SOU196-002	Iron	2.96E+04	mg/kg	Grid Value	2.96E+04	maximum value
196	1	SOU196-002	Manganese	1.98E+03	mg/kg	Grid Value	1.98E+03	maximum value
196	1	SOU196-002	Nickel	5.87E+02	mg/kg	Grid Value	5.87E+02	maximum value
196	1	SOU196-002	Silver	6.54E+01	mg/kg	Grid Value	6.54E+01	maximum value
196	1	SOU196-002	Thallium	1.14E+02	mg/kg	Grid Value	1.14E+02	maximum value
196	1	SOU196-002	Uranium	2.33E+01	mg/kg	Avg	2.33E+01	maximum value
196	1	SOU196-002	Vanadium	4.38E+01	mg/kg	Grid Value	4.38E+01	maximum value
196	1	SOU196-002	Zinc	1.65E+03	mg/kg	Grid Value	1.65E+03	maximum value
196	1	SOU196-002	Neptunium-237	3.11E-01	pCi/g	Avg	3.11E-01	maximum value
196	1	SOU196-002	Uranium-238	1.54E+00	pCi/g	Avg	1.54E+00	maximum value
196	2	SOU196-003	Aluminum	1.69E+04	mg/kg	Grid Value	1.69E+04	maximum value
196	2	SOU196-003	Antimony	6.22E+01	mg/kg	Grid Value	6.22E+01	maximum value
196	2	SOU196-003	Arsenic	9.40E+00	mg/kg	Grid Value	9.40E+00	maximum value
196	2	SOU196-003	Barium	2.02E+02	mg/kg	Grid Value	2.02E+02	maximum value
196	2	SOU196-003	Cadmium	4.42E+00	mg/kg	Grid Value	4.42E+00	maximum value
196	2	SOU196-003	Nickel	8.01E+01	mg/kg	Grid Value	8.01E+01	maximum value
196	2	SOU196-003	PCB, Total	6.75E-01	mg/kg	Grid Value	1.51E+00	maximum value
196	2	SOU196-003	Selenium	6.29E+01	mg/kg	Grid Value	6.29E+01	maximum value
196	2	SOU196-003	Total PAH	9.04E+00	mg/kg	Grid Value	9.04E+00	maximum value
196	2	SOU196-003	Uranium-238	2.21E+00	pCi/g	Grid Value	2.21E+00	maximum value
196	2	SOU196-004	Aluminum	1.13E+04	mg/kg	Grid Value	1.69E+04	maximum value
196	2	SOU196-004	Antimony	9.80E+00	mg/kg	Grid Value	6.22E+01	maximum value
196	2	SOU196-004	Arsenic	5.70E+00	mg/kg	Grid Value	9.40E+00	maximum value
196	2	SOU196-004	Barium	1.38E+02	mg/kg	Grid Value	2.02E+02	maximum value
196	2	SOU196-004	Cadmium	2.53E+00	mg/kg	Grid Value	4.42E+00	maximum value
196	2	SOU196-004	Nickel	7.36E+01	mg/kg	Grid Value	8.01E+01	maximum value
196	2	SOU196-004	PCB, Total	1.51E+00	mg/kg	Grid Value	1.51E+00	maximum value
196	2	SOU196-004	Selenium	3.52E-01	mg/kg	Grid Value	6.29E+01	maximum value
196	2	SOU196-004	Total PAH	9.04E+00	mg/kg	Avg	9.04E+00	maximum value
196	2	SOU196-004	Uranium-238	2.21E+00	pCi/g	Avg	2.21E+00	maximum value
196	2	RAD	Aluminum	1.41E+04	mg/kg	Avg	1.69E+04	maximum value
196	2	RAD	Antimony	3.60E+01	mg/kg	Avg	6.22E+01	maximum value
196	2	RAD	Arsenic	7.55E+00	mg/kg	Avg	9.40E+00	maximum value
196	2	RAD	Barium	1.70E+02	mg/kg	Avg	2.02E+02	maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
196	2	RAD	Cadmium	3.48E+00	mg/kg	Avg	4.42E+00	maximum value
196	2	RAD	Nickel	7.69E+01	mg/kg	Avg	8.01E+01	maximum value
196	2	RAD	PCB, Total	1.09E+00	mg/kg	Avg	1.51E+00	maximum value
196	2	RAD	Selenium	3.16E+01	mg/kg	Avg	6.29E+01	maximum value
196	2	RAD	Total PAH	9.04E+00	mg/kg	Avg	9.04E+00	maximum value
196	2	RAD	Uranium-238	2.21E+00	pCi/g	Avg	2.21E+00	maximum value
489	1	SOU489-001	Arsenic	1.00E+01	mg/kg	Grid Value	1.00E+01	maximum value
489	1	SOU489-001	Cadmium	8.70E-01	mg/kg	Grid Value	8.70E-01	maximum value
489	1	SOU489-001	Nickel	7.88E+01	mg/kg	Grid Value	7.88E+01	maximum value
489	1	SOU489-001	Total PAH	8.22E-02	mg/kg	Grid Value	8.22E-02	maximum value
489	1	SOU489-001	Uranium-238	1.47E+00	pCi/g	Grid Value	1.47E+00	maximum value
531	1	SOU531-001	Antimony	4.40E-01	mg/kg	Grid Value	1.00E+00	maximum value
531	1	SOU531-001	Arsenic	7.20E+00	mg/kg	Grid Value	4.68E+01	maximum value
531	1	SOU531-001	Cadmium	2.00E-01	mg/kg	Grid Value	3.10E+00	maximum value
531	1	SOU531-001	Chromium	3.54E+01	mg/kg	Grid Value	5.33E+01	maximum value
531	1	SOU531-001	Iron	2.06E+04	mg/kg	Grid Value	5.68E+04	maximum value
531	1	SOU531-001	Lead	6.11E+01	mg/kg	Grid Value	5.31E+02	maximum value
531	1	SOU531-001	Manganese	3.94E+02	mg/kg	Grid Value	8.65E+02	maximum value
531	1	SOU531-001	Nickel	7.14E+01	mg/kg	Grid Value	1.62E+02	maximum value
531	1	SOU531-001	Total PAH	7.80E-03	mg/kg	Grid Value	5.34E-02	maximum value
531	1	SOU531-001	Uranium	5.49E+00	mg/kg	Grid Value	2.41E+01	maximum value
531	1	SOU531-001	Zinc	1.49E+03	mg/kg	Grid Value	2.45E+03	maximum value
531	1	SOU531-001	Uranium-235	1.02E-01	pCi/g	Grid Value	1.38E-01	maximum value
531	1	SOU531-001	Uranium-238	1.83E+00	pCi/g	Grid Value	3.48E+00	maximum value
531	1	SOU531-002	Antimony	7.20E-01	mg/kg	Avg	1.00E+00	maximum value
531	1	SOU531-002	Arsenic	6.74E+00	mg/kg	Grid Value	4.68E+01	maximum value
531	1	SOU531-002	Cadmium	1.65E+00	mg/kg	Avg	3.10E+00	maximum value
531	1	SOU531-002	Chromium	5.33E+01	mg/kg	Grid Value	5.33E+01	maximum value
531	1	SOU531-002	Iron	1.13E+04	mg/kg	Grid Value	5.68E+04	maximum value
531	1	SOU531-002	Lead	1.37E+02	mg/kg	Grid Value	5.31E+02	maximum value
531	1	SOU531-002	Manganese	2.23E+02	mg/kg	Grid Value	8.65E+02	maximum value
531	1	SOU531-002	Nickel	6.50E+01	mg/kg	Grid Value	1.62E+02	maximum value
531	1	SOU531-002	Total PAH	3.06E-02	mg/kg	Avg	5.34E-02	maximum value
531	1	SOU531-002	Uranium	2.00E+01	mg/kg	Grid Value	2.41E+01	maximum value
531	1	SOU531-002	Zinc	1.82E+03	mg/kg	Grid Value	2.45E+03	maximum value
531	1	SOU531-002	Uranium-235	1.20E-01	pCi/g	Avg	1.38E-01	maximum value
531	1	SOU531-002	Uranium-238	2.66E+00	pCi/g	Avg	3.48E+00	maximum value
531	1	SOU531-003	Antimony	7.20E-01	mg/kg	Avg	1.00E+00	maximum value
531	1	SOU531-003	Arsenic	4.68E+01	mg/kg	Grid Value	4.68E+01	maximum value
531	1	SOU531-003	Cadmium	1.65E+00	mg/kg	Avg	3.10E+00	maximum value
531	1	SOU531-003	Chromium	8.50E+01	mg/kg	Grid Value	5.33E+01	maximum value
531	1	SOU531-003	Iron	1.30E+04	mg/kg	Grid Value	5.68E+04	maximum value
531	1	SOU531-003	Lead	5.31E+02	mg/kg	Grid Value	5.31E+02	maximum value
531	1	SOU531-003	Manganese	3.65E+02	mg/kg	Grid Value	8.65E+02	maximum value
531	1	SOU531-003	Nickel	8.14E+01	mg/kg	Grid Value	1.62E+02	maximum value
531	1	SOU531-003	Total PAH	3.06E-02	mg/kg	Avg	5.34E-02	maximum value
531	1	SOU531-003	Uranium	2.00E+01	mg/kg	Grid Value	2.41E+01	maximum value
531	1	SOU531-003	Zinc	1.73E+03	mg/kg	Grid Value	2.45E+03	maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
531	1	SOU531-003	Uranium-235	1.20E-01	pCi/g	Avg	1.38E-01	maximum value
531	1	SOU531-003	Uranium-238	2.66E+00	pCi/g	Avg	3.48E+00	maximum value
531	1	SOU531-004	Antimony	7.20E-01	mg/kg	Avg	1.00E+00	maximum value
531	1	SOU531-004	Arsenic	1.92E+01	mg/kg	Grid Value	4.68E+01	maximum value
531	1	SOU531-004	Cadmium	1.65E+00	mg/kg	Avg	3.10E+00	maximum value
531	1	SOU531-004	Chromium	5.05E+01	mg/kg	Grid Value	5.33E+01	maximum value
531	1	SOU531-004	Iron	5.68E+04	mg/kg	Grid Value	5.68E+04	maximum value
531	1	SOU531-004	Lead	8.41E+01	mg/kg	Grid Value	5.31E+02	maximum value
531	1	SOU531-004	Manganese	8.65E+02	mg/kg	Grid Value	8.65E+02	maximum value
531	1	SOU531-004	Nickel	1.11E+02	mg/kg	Grid Value	1.62E+02	maximum value
531	1	SOU531-004	Total PAH	3.06E-02	mg/kg	Avg	5.34E-02	maximum value
531	1	SOU531-004	Uranium	2.41E+01	mg/kg	Grid Value	2.41E+01	maximum value
531	1	SOU531-004	Zinc	2.45E+03	mg/kg	Grid Value	2.45E+03	maximum value
531	1	SOU531-004	Uranium-235	1.20E-01	pCi/g	Avg	1.38E-01	maximum value
531	1	SOU531-004	Uranium-238	2.66E+00	pCi/g	Avg	3.48E+00	maximum value
531	1	SOU531-005	Antimony	7.20E-01	mg/kg	Avg	1.00E+00	maximum value
531	1	SOU531-005	Arsenic	1.01E+01	mg/kg	Grid Value	4.68E+01	maximum value
531	1	SOU531-005	Cadmium	1.65E+00	mg/kg	Avg	3.10E+00	maximum value
531	1	SOU531-005	Chromium	8.50E+01	mg/kg	Grid Value	5.33E+01	maximum value
531	1	SOU531-005	Iron	9.73E+03	mg/kg	Grid Value	5.68E+04	maximum value
531	1	SOU531-005	Lead	8.24E+01	mg/kg	Grid Value	5.31E+02	maximum value
531	1	SOU531-005	Manganese	1.03E+02	mg/kg	Grid Value	8.65E+02	maximum value
531	1	SOU531-005	Nickel	1.62E+02	mg/kg	Grid Value	1.62E+02	maximum value
531	1	SOU531-005	Total PAH	3.06E-02	mg/kg	Avg	5.34E-02	maximum value
531	1	SOU531-005	Uranium	2.00E+01	mg/kg	Grid Value	2.41E+01	maximum value
531	1	SOU531-005	Zinc	1.40E+03	mg/kg	Grid Value	2.45E+03	maximum value
531	1	SOU531-005	Uranium-235	1.20E-01	pCi/g	Avg	1.38E-01	maximum value
531	1	SOU531-005	Uranium-238	2.66E+00	pCi/g	Avg	3.48E+00	maximum value
531	1	SOU531-006	Antimony	1.00E+00	mg/kg	Grid Value	1.00E+00	maximum value
531	1	SOU531-006	Arsenic	5.90E+00	mg/kg	Grid Value	4.68E+01	maximum value
531	1	SOU531-006	Cadmium	3.10E+00	mg/kg	Grid Value	3.10E+00	maximum value
531	1	SOU531-006	Chromium	1.50E+01	mg/kg	Grid Value	5.33E+01	maximum value
531	1	SOU531-006	Iron	1.16E+04	mg/kg	Grid Value	5.68E+04	maximum value
531	1	SOU531-006	Lead	3.97E+01	mg/kg	Grid Value	5.31E+02	maximum value
531	1	SOU531-006	Manganese	2.68E+02	mg/kg	Grid Value	8.65E+02	maximum value
531	1	SOU531-006	Nickel	7.99E+01	mg/kg	Grid Value	1.62E+02	maximum value
531	1	SOU531-006	Total PAH	5.34E-02	mg/kg	Grid Value	5.34E-02	maximum value
531	1	SOU531-006	Uranium	1.04E+01	mg/kg	Grid Value	2.41E+01	maximum value
531	1	SOU531-006	Zinc	8.28E+02	mg/kg	Grid Value	2.45E+03	maximum value
531	1	SOU531-006	Uranium-235	1.38E-01	pCi/g	Grid Value	1.38E-01	maximum value
531	1	SOU531-006	Uranium-238	3.48E+00	pCi/g	Grid Value	3.48E+00	maximum value
531	1	SOU531-007	Antimony	7.20E-01	mg/kg	Avg	1.00E+00	maximum value
531	1	SOU531-007	Arsenic	1.06E+01	mg/kg	Grid Value	4.68E+01	maximum value
531	1	SOU531-007	Cadmium	1.65E+00	mg/kg	Avg	3.10E+00	maximum value
531	1	SOU531-007	Chromium	8.50E+01	mg/kg	Grid Value	5.33E+01	maximum value
531	1	SOU531-007	Iron	2.81E+04	mg/kg	Grid Value	5.68E+04	maximum value
531	1	SOU531-007	Lead	4.37E+01	mg/kg	Grid Value	5.31E+02	maximum value
531	1	SOU531-007	Manganese	5.57E+02	mg/kg	Grid Value	8.65E+02	maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
531	1	SOU531-007	Nickel	6.50E+01	mg/kg	Grid Value	1.62E+02	maximum value
531	1	SOU531-007	Total PAH	3.06E-02	mg/kg	Avg	5.34E-02	maximum value
531	1	SOU531-007	Uranium	7.95E+00	mg/kg	Grid Value	2.41E+01	maximum value
531	1	SOU531-007	Zinc	1.69E+03	mg/kg	Grid Value	2.45E+03	maximum value
531	1	SOU531-007	Uranium-235	1.20E-01	pCi/g	Avg	1.38E-01	maximum value
531	1	SOU531-007	Uranium-238	2.66E+00	pCi/g	Avg	3.48E+00	maximum value
200	1	SOU200-001	Antimony	3.70E-01	mg/kg	Avg	3.82E-01	value
200	1	SOU200-001	Arsenic	9.35E+00	mg/kg	Grid Value	9.73E+00	value
200	1	SOU200-001	Chromium	5.81E+01	mg/kg	Grid Value	6.19E+01	value
200	1	SOU200-001	Manganese	6.15E+02	mg/kg	Grid Value	4.60E+02	value
200	1	SOU200-001	Mercury	1.00E+01	mg/kg	Grid Value	6.93E+00	value
200	1	SOU200-001	Nickel	6.50E+01	mg/kg	Grid Value	1.26E+02	value
200	1	SOU200-001	PCB, Total	5.00E+00	mg/kg	Grid Value	2.60E+00	value
200	1	SOU200-001	Silver	1.00E+01	mg/kg	Grid Value	9.47E+00	value
200	1	SOU200-001	Total PAH	1.81E-02	mg/kg	Avg	1.89E-02	value
200	1	SOU200-001	Uranium	2.00E+01	mg/kg	Grid Value	2.65E+01	value
200	1	SOU200-001	Cesium-137	3.71E-01	pCi/g	Avg	4.68E-01	value
200	1	SOU200-001	Uranium-235	1.09E-01	pCi/g	Avg	1.14E-01	value
200	1	SOU200-001	Uranium-238	2.67E+00	pCi/g	Avg	2.79E+00	value
200	1	SOU200-002	Antimony	3.70E-01	mg/kg	Avg	3.82E-01	value
200	1	SOU200-002	Arsenic	7.42E+00	mg/kg	Grid Value	9.73E+00	value
200	1	SOU200-002	Chromium	5.76E+01	mg/kg	Grid Value	6.19E+01	value
200	1	SOU200-002	Manganese	1.39E+02	mg/kg	Grid Value	4.60E+02	value
200	1	SOU200-002	Mercury	1.00E+01	mg/kg	Grid Value	6.93E+00	value
200	1	SOU200-002	Nickel	6.50E+01	mg/kg	Grid Value	1.26E+02	value
200	1	SOU200-002	PCB, Total	2.60E+00	mg/kg	Grid Value	2.60E+00	value
200	1	SOU200-002	Silver	1.00E+01	mg/kg	Grid Value	9.47E+00	value
200	1	SOU200-002	Total PAH	1.81E-02	mg/kg	Avg	1.89E-02	value
200	1	SOU200-002	Uranium	1.89E+01	mg/kg	Grid Value	2.65E+01	value
200	1	SOU200-002	Cesium-137	9.00E-01	pCi/g	Grid Value	4.68E-01	value
200	1	SOU200-002	Uranium-235	1.61E-01	pCi/g	Grid Value	1.14E-01	value
200	1	SOU200-002	Uranium-238	3.77E+00	pCi/g	Grid Value	2.79E+00	value
200	1	SOU200-003	Antimony	3.70E-01	mg/kg	Avg	3.82E-01	value
200	1	SOU200-003	Arsenic	6.56E+00	mg/kg	Grid Value	9.73E+00	value
200	1	SOU200-003	Chromium	4.02E+01	mg/kg	Grid Value	6.19E+01	value
200	1	SOU200-003	Manganese	1.69E+02	mg/kg	Grid Value	4.60E+02	value
200	1	SOU200-003	Mercury	1.00E+01	mg/kg	Grid Value	6.93E+00	value
200	1	SOU200-003	Nickel	6.50E+01	mg/kg	Grid Value	1.26E+02	value
200	1	SOU200-003	PCB, Total	5.00E+00	mg/kg	Grid Value	2.60E+00	value
200	1	SOU200-003	Silver	1.00E+01	mg/kg	Grid Value	9.47E+00	value
200	1	SOU200-003	Total PAH	1.81E-02	mg/kg	Avg	1.89E-02	value
200	1	SOU200-003	Uranium	6.62E+00	mg/kg	Grid Value	2.65E+01	value
200	1	SOU200-003	Cesium-137	3.71E-01	pCi/g	Avg	4.68E-01	value
200	1	SOU200-003	Uranium-235	1.09E-01	pCi/g	Avg	1.14E-01	value
200	1	SOU200-003	Uranium-238	2.67E+00	pCi/g	Avg	2.79E+00	value
200	1	SOU200-004	Antimony	3.70E-01	mg/kg	Avg	3.82E-01	value
200	1	SOU200-004	Arsenic	1.10E+01	mg/kg	Grid Value	9.73E+00	value
200	1	SOU200-004	Chromium	3.33E+01	mg/kg	Grid Value	6.19E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
200	1	SOU200-004	Manganese	1.95E+02	mg/kg	Grid Value	4.60E+02	value
200	1	SOU200-004	Mercury	1.00E+01	mg/kg	Grid Value	6.93E+00	value
200	1	SOU200-004	Nickel	6.54E+01	mg/kg	Grid Value	1.26E+02	value
200	1	SOU200-004	PCB, Total	5.00E+00	mg/kg	Grid Value	2.60E+00	value
200	1	SOU200-004	Silver	1.00E+01	mg/kg	Grid Value	9.47E+00	value
200	1	SOU200-004	Total PAH	1.81E-02	mg/kg	Avg	1.89E-02	value
200	1	SOU200-004	Uranium	2.00E+01	mg/kg	Grid Value	2.65E+01	value
200	1	SOU200-004	Cesium-137	3.71E-01	pCi/g	Avg	4.68E-01	value
200	1	SOU200-004	Uranium-235	1.09E-01	pCi/g	Avg	1.14E-01	value
200	1	SOU200-004	Uranium-238	2.67E+00	pCi/g	Avg	2.79E+00	value
200	1	SOU200-004A	Antimony	3.70E-01	mg/kg	Avg	3.82E-01	UCL 95 or maximum value
200	1	SOU200-004A	Arsenic	1.10E+01	mg/kg	Grid Value	9.73E+00	UCL 95 or maximum value
200	1	SOU200-004A	Chromium	3.70E+01	mg/kg	Grid Value	6.19E+01	UCL 95 or maximum value
200	1	SOU200-004A	Manganese	3.79E+02	mg/kg	Grid Value	4.60E+02	UCL 95 or maximum value
200	1	SOU200-004A	Mercury	6.71E+00	mg/kg	Grid Value	6.93E+00	UCL 95 or maximum value
200	1	SOU200-004A	Nickel	6.50E+01	mg/kg	Grid Value	1.26E+02	UCL 95 or maximum value
200	1	SOU200-004A	PCB, Total	3.00E-01	mg/kg	Grid Value	2.60E+00	UCL 95 or maximum value
200	1	SOU200-004A	Silver	1.00E+01	mg/kg	Grid Value	9.47E+00	UCL 95 or maximum value
200	1	SOU200-004A	Total PAH	1.81E-02	mg/kg	Avg	1.89E-02	UCL 95 or maximum value
200	1	SOU200-004A	Uranium	2.00E+01	mg/kg	Grid Value	2.65E+01	UCL 95 or maximum value
200	1	SOU200-004A	Cesium-137	3.71E-01	pCi/g	Avg	4.68E-01	UCL 95 or maximum value
200	1	SOU200-004A	Uranium-235	1.09E-01	pCi/g	Avg	1.14E-01	UCL 95 or maximum value
200	1	SOU200-004A	Uranium-238	2.67E+00	pCi/g	Avg	2.79E+00	UCL 95 or maximum value
200	1	004B	Antimony	3.50E-01	mg/kg	Grid Value	3.82E-01	value
200	1	004B	Arsenic	1.02E+01	mg/kg	Grid Value	9.73E+00	value
200	1	004B	Chromium	1.16E+01	mg/kg	Grid Value	6.19E+01	value
200	1	004B	Manganese	6.66E+02	mg/kg	Grid Value	4.60E+02	value
200	1	004B	Mercury	1.54E-02	mg/kg	Grid Value	6.93E+00	value
200	1	004B	Nickel	7.70E+00	mg/kg	Grid Value	1.26E+02	value
200	1	004B	PCB, Total	4.16E+00	mg/kg	Avg	2.60E+00	value
200	1	004B	Silver	3.00E-02	mg/kg	Grid Value	9.47E+00	value
200	1	004B	Total PAH	1.81E-02	mg/kg	Avg	1.89E-02	value
200	1	004B	Uranium	9.10E-01	mg/kg	Grid Value	2.65E+01	value
200	1	004B	Cesium-137	3.71E-01	pCi/g	Avg	4.68E-01	value
200	1	004B	Uranium-235	1.09E-01	pCi/g	Avg	1.14E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
200	1	004B	Uranium-238	2.67E+00	pCi/g	Avg	2.79E+00	value
200	1	SOU200-005	Antimony	3.30E-01	mg/kg	Grid Value	3.82E-01	value
200	1	SOU200-005	Arsenic	7.32E+00	mg/kg	Grid Value	9.73E+00	value
200	1	SOU200-005	Chromium	4.23E+01	mg/kg	Grid Value	6.19E+01	value
200	1	SOU200-005	Manganese	3.49E+02	mg/kg	Grid Value	4.60E+02	value
200	1	SOU200-005	Mercury	1.93E-02	mg/kg	Grid Value	6.93E+00	value
200	1	SOU200-005	Nickel	6.20E+00	mg/kg	Grid Value	1.26E+02	value
200	1	SOU200-005	PCB, Total	3.60E-01	mg/kg	Grid Value	2.60E+00	value
200	1	SOU200-005	Silver	3.20E-02	mg/kg	Grid Value	9.47E+00	value
200	1	SOU200-005	Total PAH	7.80E-03	mg/kg	Grid Value	1.89E-02	value
200	1	SOU200-005	Uranium	6.85E+00	mg/kg	Grid Value	2.65E+01	value
200	1	SOU200-005	Cesium-137	2.30E-02	pCi/g	Grid Value	4.68E-01	value
200	1	SOU200-005	Uranium-235	4.40E-02	pCi/g	Grid Value	1.14E-01	value
200	1	SOU200-005	Uranium-238	8.80E-01	pCi/g	Grid Value	2.79E+00	value
200	1	SOU200-005A	Antimony	3.70E-01	mg/kg	Avg	3.82E-01	UCL 95 or maximum value
200	1	SOU200-005A	Arsenic	1.10E+01	mg/kg	Grid Value	9.73E+00	UCL 95 or maximum value
200	1	SOU200-005A	Chromium	4.73E+01	mg/kg	Grid Value	6.19E+01	UCL 95 or maximum value
200	1	SOU200-005A	Manganese	4.14E+02	mg/kg	Grid Value	4.60E+02	UCL 95 or maximum value
200	1	SOU200-005A	Mercury	1.00E+01	mg/kg	Grid Value	6.93E+00	UCL 95 or maximum value
200	1	SOU200-005A	Nickel	6.43E+01	mg/kg	Grid Value	1.26E+02	UCL 95 or maximum value
200	1	SOU200-005A	PCB, Total	4.16E+00	mg/kg	Avg	2.60E+00	UCL 95 or maximum value
200	1	SOU200-005A	Silver	1.00E+01	mg/kg	Grid Value	9.47E+00	UCL 95 or maximum value
200	1	SOU200-005A	Total PAH	1.81E-02	mg/kg	Avg	1.89E-02	UCL 95 or maximum value
200	1	SOU200-005A	Uranium	2.00E+01	mg/kg	Grid Value	2.65E+01	UCL 95 or maximum value
200	1	SOU200-005A	Cesium-137	3.71E-01	pCi/g	Avg	4.68E-01	UCL 95 or maximum value
200	1	SOU200-005A	Uranium-235	1.09E-01	pCi/g	Avg	1.14E-01	UCL 95 or maximum value
200	1	SOU200-005A	Uranium-238	2.67E+00	pCi/g	Avg	2.79E+00	UCL 95 or maximum value
200	1	005B	Antimony	3.70E-01	mg/kg	Avg	3.82E-01	value
200	1	005B	Arsenic	1.10E+01	mg/kg	Grid Value	9.73E+00	value
200	1	005B	Chromium	8.50E+01	mg/kg	Grid Value	6.19E+01	value
200	1	005B	Manganese	3.41E+02	mg/kg	Grid Value	4.60E+02	value
200	1	005B	Mercury	1.00E+01	mg/kg	Grid Value	6.93E+00	value
200	1	005B	Nickel	8.37E+01	mg/kg	Grid Value	1.26E+02	value
200	1	005B	PCB, Total	4.16E+00	mg/kg	Avg	2.60E+00	value
200	1	005B	Silver	1.00E+01	mg/kg	Grid Value	9.47E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
200	1	005B	Total PAH	1.81E-02	mg/kg	Avg	1.89E-02	value
200	1	005B	Uranium	2.00E+01	mg/kg	Grid Value	2.65E+01	value
200	1	005B	Cesium-137	3.71E-01	pCi/g	Avg	4.68E-01	value
200	1	005B	Uranium-235	1.09E-01	pCi/g	Avg	1.14E-01	value
200	1	005B	Uranium-238	2.67E+00	pCi/g	Avg	2.79E+00	value
200	1	SOU200-006	Antimony	3.70E-01	mg/kg	Avg	3.82E-01	value
200	1	SOU200-006	Arsenic	9.02E+00	mg/kg	Grid Value	9.73E+00	value
200	1	SOU200-006	Chromium	5.53E+01	mg/kg	Grid Value	6.19E+01	value
200	1	SOU200-006	Manganese	3.55E+02	mg/kg	Grid Value	4.60E+02	value
200	1	SOU200-006	Mercury	1.00E+01	mg/kg	Grid Value	6.93E+00	value
200	1	SOU200-006	Nickel	5.92E+01	mg/kg	Grid Value	1.26E+02	value
200	1	SOU200-006	PCB, Total	5.00E+00	mg/kg	Grid Value	2.60E+00	value
200	1	SOU200-006	Silver	1.00E+01	mg/kg	Grid Value	9.47E+00	value
200	1	SOU200-006	Total PAH	1.81E-02	mg/kg	Avg	1.89E-02	value
200	1	SOU200-006	Uranium	2.00E+01	mg/kg	Grid Value	2.65E+01	value
200	1	SOU200-006	Cesium-137	3.71E-01	pCi/g	Avg	4.68E-01	value
200	1	SOU200-006	Uranium-235	1.09E-01	pCi/g	Avg	1.14E-01	value
200	1	SOU200-006	Uranium-238	2.67E+00	pCi/g	Avg	2.79E+00	value
200	1	SOU200-006A	Antimony	3.70E-01	mg/kg	Avg	3.82E-01	UCL 95 or maximum value
200	1	SOU200-006A	Arsenic	6.42E+00	mg/kg	Grid Value	9.73E+00	UCL 95 or maximum value
200	1	SOU200-006A	Chromium	3.27E+01	mg/kg	Grid Value	6.19E+01	UCL 95 or maximum value
200	1	SOU200-006A	Manganese	4.28E+02	mg/kg	Grid Value	4.60E+02	UCL 95 or maximum value
200	1	SOU200-006A	Mercury	1.00E+01	mg/kg	Grid Value	6.93E+00	UCL 95 or maximum value
200	1	SOU200-006A	Nickel	6.50E+01	mg/kg	Grid Value	1.26E+02	UCL 95 or maximum value
200	1	SOU200-006A	PCB, Total	4.16E+00	mg/kg	Avg	2.60E+00	UCL 95 or maximum value
200	1	SOU200-006A	Silver	1.00E+01	mg/kg	Grid Value	9.47E+00	UCL 95 or maximum value
200	1	SOU200-006A	Total PAH	1.81E-02	mg/kg	Avg	1.89E-02	UCL 95 or maximum value
200	1	SOU200-006A	Uranium	2.00E+01	mg/kg	Grid Value	2.65E+01	UCL 95 or maximum value
200	1	SOU200-006A	Cesium-137	3.71E-01	pCi/g	Avg	4.68E-01	UCL 95 or maximum value
200	1	SOU200-006A	Uranium-235	1.09E-01	pCi/g	Avg	1.14E-01	UCL 95 or maximum value
200	1	SOU200-006A	Uranium-238	2.67E+00	pCi/g	Avg	2.79E+00	UCL 95 or maximum value
200	1	SOU200-007	Antimony	3.70E-01	mg/kg	Avg	3.82E-01	value
200	1	SOU200-007	Arsenic	1.10E+01	mg/kg	Grid Value	9.73E+00	value
200	1	SOU200-007	Chromium	8.50E+01	mg/kg	Grid Value	6.19E+01	value
200	1	SOU200-007	Manganese	4.92E+02	mg/kg	Grid Value	4.60E+02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
200	1	SOU200-007	Mercury	1.00E+01	mg/kg	Grid Value	6.93E+00	value
200	1	SOU200-007	Nickel	2.60E+02	mg/kg	Grid Value	1.26E+02	value
200	1	SOU200-007	PCB, Total	5.00E+00	mg/kg	Grid Value	2.60E+00	value
200	1	SOU200-007	Silver	1.00E+01	mg/kg	Grid Value	9.47E+00	value
200	1	SOU200-007	Total PAH	1.81E-02	mg/kg	Avg	1.89E-02	value
200	1	SOU200-007	Uranium	1.67E+01	mg/kg	Grid Value	2.65E+01	value
200	1	SOU200-007	Cesium-137	3.71E-01	pCi/g	Avg	4.68E-01	value
200	1	SOU200-007	Uranium-235	1.09E-01	pCi/g	Avg	1.14E-01	value
200	1	SOU200-007	Uranium-238	2.67E+00	pCi/g	Avg	2.79E+00	value
200	1	SOU200-007A	Antimony	3.70E-01	mg/kg	Avg	3.82E-01	UCL 95 or maximum value
200	1	SOU200-007A	Arsenic	1.10E+01	mg/kg	Grid Value	9.73E+00	UCL 95 or maximum value
200	1	SOU200-007A	Chromium	8.50E+01	mg/kg	Grid Value	6.19E+01	UCL 95 or maximum value
200	1	SOU200-007A	Manganese	4.39E+02	mg/kg	Grid Value	4.60E+02	UCL 95 or maximum value
200	1	SOU200-007A	Mercury	1.00E+01	mg/kg	Grid Value	6.93E+00	UCL 95 or maximum value
200	1	SOU200-007A	Nickel	1.51E+02	mg/kg	Grid Value	1.26E+02	UCL 95 or maximum value
200	1	SOU200-007A	PCB, Total	4.16E+00	mg/kg	Avg	2.60E+00	UCL 95 or maximum value
200	1	SOU200-007A	Silver	1.00E+01	mg/kg	Grid Value	9.47E+00	UCL 95 or maximum value
200	1	SOU200-007A	Total PAH	1.81E-02	mg/kg	Avg	1.89E-02	UCL 95 or maximum value
200	1	SOU200-007A	Uranium	2.00E+01	mg/kg	Grid Value	2.65E+01	UCL 95 or maximum value
200	1	SOU200-007A	Cesium-137	3.71E-01	pCi/g	Avg	4.68E-01	UCL 95 or maximum value
200	1	SOU200-007A	Uranium-235	1.09E-01	pCi/g	Avg	1.14E-01	UCL 95 or maximum value
200	1	SOU200-007A	Uranium-238	2.67E+00	pCi/g	Avg	2.79E+00	UCL 95 or maximum value
200	1	SOU200-008	Antimony	3.70E-01	mg/kg	Avg	3.82E-01	value
200	1	SOU200-008	Arsenic	1.10E+01	mg/kg	Grid Value	9.73E+00	value
200	1	SOU200-008	Chromium	3.50E+01	mg/kg	Grid Value	6.19E+01	value
200	1	SOU200-008	Manganese	3.93E+02	mg/kg	Grid Value	4.60E+02	value
200	1	SOU200-008	Mercury	1.00E+01	mg/kg	Grid Value	6.93E+00	value
200	1	SOU200-008	Nickel	1.12E+02	mg/kg	Grid Value	1.26E+02	value
200	1	SOU200-008	PCB, Total	5.00E+00	mg/kg	Grid Value	2.60E+00	value
200	1	SOU200-008	Silver	1.00E+01	mg/kg	Grid Value	9.47E+00	value
200	1	SOU200-008	Total PAH	1.81E-02	mg/kg	Avg	1.89E-02	value
200	1	SOU200-008	Uranium	2.44E+01	mg/kg	Grid Value	2.65E+01	value
200	1	SOU200-008	Cesium-137	3.71E-01	pCi/g	Avg	4.68E-01	value
200	1	SOU200-008	Uranium-235	1.09E-01	pCi/g	Avg	1.14E-01	value
200	1	SOU200-008	Uranium-238	2.67E+00	pCi/g	Avg	2.79E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
200	1	SOU200-008A	Antimony	3.70E-01	mg/kg	Grid Value	3.82E-01	UCL 95 or maximum value
200	1	SOU200-008A	Arsenic	8.50E+00	mg/kg	Grid Value	9.73E+00	UCL 95 or maximum value
200	1	SOU200-008A	Chromium	5.35E+01	mg/kg	Grid Value	6.19E+01	UCL 95 or maximum value
200	1	SOU200-008A	Manganese	5.51E+02	mg/kg	Grid Value	4.60E+02	UCL 95 or maximum value
200	1	SOU200-008A	Mercury	1.68E-02	mg/kg	Grid Value	6.93E+00	UCL 95 or maximum value
200	1	SOU200-008A	Nickel	1.14E+01	mg/kg	Grid Value	1.26E+02	UCL 95 or maximum value
200	1	SOU200-008A	PCB, Total	4.16E+00	mg/kg	Avg	2.60E+00	UCL 95 or maximum value
200	1	SOU200-008A	Silver	3.40E-02	mg/kg	Grid Value	9.47E+00	UCL 95 or maximum value
200	1	SOU200-008A	Total PAH	1.81E-02	mg/kg	Avg	1.89E-02	UCL 95 or maximum value
200	1	SOU200-008A	Uranium	1.40E+00	mg/kg	Grid Value	2.65E+01	UCL 95 or maximum value
200	1	SOU200-008A	Cesium-137	3.71E-01	pCi/g	Avg	4.68E-01	UCL 95 or maximum value
200	1	SOU200-008A	Uranium-235	1.09E-01	pCi/g	Avg	1.14E-01	UCL 95 or maximum value
200	1	SOU200-008A	Uranium-238	2.67E+00	pCi/g	Avg	2.79E+00	UCL 95 or maximum value
200	1	SOU200-009	Antimony	3.70E-01	mg/kg	Avg	3.82E-01	value
200	1	SOU200-009	Arsenic	6.08E+00	mg/kg	Grid Value	9.73E+00	value
200	1	SOU200-009	Chromium	4.61E+01	mg/kg	Grid Value	6.19E+01	value
200	1	SOU200-009	Manganese	2.20E+02	mg/kg	Grid Value	4.60E+02	value
200	1	SOU200-009	Mercury	1.00E+01	mg/kg	Grid Value	6.93E+00	value
200	1	SOU200-009	Nickel	1.97E+02	mg/kg	Grid Value	1.26E+02	value
200	1	SOU200-009	PCB, Total	5.00E+00	mg/kg	Grid Value	2.60E+00	value
200	1	SOU200-009	Silver	1.00E+01	mg/kg	Grid Value	9.47E+00	value
200	1	SOU200-009	Total PAH	1.81E-02	mg/kg	Avg	1.89E-02	value
200	1	SOU200-009	Uranium	4.93E+01	mg/kg	Grid Value	2.65E+01	value
200	1	SOU200-009	Cesium-137	3.71E-01	pCi/g	Avg	4.68E-01	value
200	1	SOU200-009	Uranium-235	1.09E-01	pCi/g	Avg	1.14E-01	value
200	1	SOU200-009	Uranium-238	2.67E+00	pCi/g	Avg	2.79E+00	value
200	1	SOU200-009A	Antimony	3.70E-01	mg/kg	Avg	3.82E-01	UCL 95 or maximum value
200	1	SOU200-009A	Arsenic	1.10E+01	mg/kg	Grid Value	9.73E+00	UCL 95 or maximum value
200	1	SOU200-009A	Chromium	5.33E+01	mg/kg	Grid Value	6.19E+01	UCL 95 or maximum value
200	1	SOU200-009A	Manganese	5.34E+02	mg/kg	Grid Value	4.60E+02	UCL 95 or maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
200	1	SOU200-009A	Mercury	1.00E+01	mg/kg	Grid Value	6.93E+00	UCL 95 or maximum value
200	1	SOU200-009A	Nickel	1.98E+02	mg/kg	Grid Value	1.26E+02	UCL 95 or maximum value
200	1	SOU200-009A	PCB, Total	4.16E+00	mg/kg	Avg	2.60E+00	UCL 95 or maximum value
200	1	SOU200-009A	Silver	1.00E+01	mg/kg	Grid Value	9.47E+00	UCL 95 or maximum value
200	1	SOU200-009A	Total PAH	1.81E-02	mg/kg	Avg	1.89E-02	UCL 95 or maximum value
200	1	SOU200-009A	Uranium	1.23E+01	mg/kg	Grid Value	2.65E+01	UCL 95 or maximum value
200	1	SOU200-009A	Cesium-137	3.71E-01	pCi/g	Avg	4.68E-01	UCL 95 or maximum value
200	1	SOU200-009A	Uranium-235	1.09E-01	pCi/g	Avg	1.14E-01	UCL 95 or maximum value
200	1	SOU200-009A	Uranium-238	2.67E+00	pCi/g	Avg	2.79E+00	UCL 95 or maximum value
200	1	009B	Antimony	3.70E-01	mg/kg	Avg	3.82E-01	value
200	1	009B	Arsenic	9.35E+00	mg/kg	Grid Value	9.73E+00	value
200	1	009B	Chromium	5.37E+01	mg/kg	Grid Value	6.19E+01	value
200	1	009B	Manganese	2.51E+02	mg/kg	Grid Value	4.60E+02	value
200	1	009B	Mercury	1.00E+01	mg/kg	Grid Value	6.93E+00	value
200	1	009B	Nickel	6.86E+01	mg/kg	Grid Value	1.26E+02	value
200	1	009B	PCB, Total	4.16E+00	mg/kg	Avg	2.60E+00	value
200	1	009B	Silver	1.00E+01	mg/kg	Grid Value	9.47E+00	value
200	1	009B	Total PAH	1.81E-02	mg/kg	Avg	1.89E-02	value
200	1	009B	Uranium	8.84E+00	mg/kg	Grid Value	2.65E+01	value
200	1	009B	Cesium-137	3.71E-01	pCi/g	Avg	4.68E-01	value
200	1	009B	Uranium-235	1.09E-01	pCi/g	Avg	1.14E-01	value
200	1	009B	Uranium-238	2.67E+00	pCi/g	Avg	2.79E+00	value
200	1	SOU200-010	Antimony	3.70E-01	mg/kg	Avg	3.82E-01	value
200	1	SOU200-010	Arsenic	1.10E+01	mg/kg	Grid Value	9.73E+00	value
200	1	SOU200-010	Chromium	8.50E+01	mg/kg	Grid Value	6.19E+01	value
200	1	SOU200-010	Manganese	2.80E+02	mg/kg	Grid Value	4.60E+02	value
200	1	SOU200-010	Mercury	1.00E+01	mg/kg	Grid Value	6.93E+00	value
200	1	SOU200-010	Nickel	1.19E+02	mg/kg	Grid Value	1.26E+02	value
200	1	SOU200-010	PCB, Total	5.00E+00	mg/kg	Grid Value	2.60E+00	value
200	1	SOU200-010	Silver	1.00E+01	mg/kg	Grid Value	9.47E+00	value
200	1	SOU200-010	Total PAH	1.81E-02	mg/kg	Avg	1.89E-02	value
200	1	SOU200-010	Uranium	4.87E+01	mg/kg	Grid Value	2.65E+01	value
200	1	SOU200-010	Cesium-137	3.71E-01	pCi/g	Avg	4.68E-01	value
200	1	SOU200-010	Uranium-235	1.09E-01	pCi/g	Avg	1.14E-01	value
200	1	SOU200-010	Uranium-238	2.67E+00	pCi/g	Avg	2.79E+00	value
200	1	SOU200-011	Antimony	3.70E-01	mg/kg	Avg	3.82E-01	value
200	1	SOU200-011	Arsenic	5.41E+00	mg/kg	Grid Value	9.73E+00	value
200	1	SOU200-011	Chromium	8.50E+01	mg/kg	Grid Value	6.19E+01	value
200	1	SOU200-011	Manganese	1.75E+02	mg/kg	Grid Value	4.60E+02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
200	1	SOU200-011	Mercury	6.93E+00	mg/kg	Grid Value	6.93E+00	value
200	1	SOU200-011	Nickel	6.12E+01	mg/kg	Grid Value	1.26E+02	value
200	1	SOU200-011	PCB, Total	5.00E+00	mg/kg	Grid Value	2.60E+00	value
200	1	SOU200-011	Silver	1.00E+01	mg/kg	Grid Value	9.47E+00	value
200	1	SOU200-011	Total PAH	1.81E-02	mg/kg	Avg	1.89E-02	value
200	1	SOU200-011	Uranium	3.57E+01	mg/kg	Grid Value	2.65E+01	value
200	1	SOU200-011	Cesium-137	3.71E-01	pCi/g	Avg	4.68E-01	value
200	1	SOU200-011	Uranium-235	1.09E-01	pCi/g	Avg	1.14E-01	value
200	1	SOU200-011	Uranium-238	2.67E+00	pCi/g	Avg	2.79E+00	value
200	1	SOU200-011A	Antimony	3.70E-01	mg/kg	Avg	3.82E-01	UCL 95 or maximum value
200	1	SOU200-011A	Arsenic	9.41E+00	mg/kg	Grid Value	9.73E+00	UCL 95 or maximum value
200	1	SOU200-011A	Chromium	8.50E+01	mg/kg	Grid Value	6.19E+01	UCL 95 or maximum value
200	1	SOU200-011A	Manganese	3.91E+02	mg/kg	Grid Value	4.60E+02	UCL 95 or maximum value
200	1	SOU200-011A	Mercury	1.00E+01	mg/kg	Grid Value	6.93E+00	UCL 95 or maximum value
200	1	SOU200-011A	Nickel	7.07E+01	mg/kg	Grid Value	1.26E+02	UCL 95 or maximum value
200	1	SOU200-011A	PCB, Total	4.16E+00	mg/kg	Avg	2.60E+00	UCL 95 or maximum value
200	1	SOU200-011A	Silver	1.00E+01	mg/kg	Grid Value	9.47E+00	UCL 95 or maximum value
200	1	SOU200-011A	Total PAH	1.81E-02	mg/kg	Avg	1.89E-02	UCL 95 or maximum value
200	1	SOU200-011A	Uranium	2.00E+01	mg/kg	Grid Value	2.65E+01	UCL 95 or maximum value
200	1	SOU200-011A	Cesium-137	3.71E-01	pCi/g	Avg	4.68E-01	UCL 95 or maximum value
200	1	SOU200-011A	Uranium-235	1.09E-01	pCi/g	Avg	1.14E-01	UCL 95 or maximum value
200	1	SOU200-011A	Uranium-238	2.67E+00	pCi/g	Avg	2.79E+00	UCL 95 or maximum value
200	1	011B	Antimony	3.70E-01	mg/kg	Avg	3.82E-01	value
200	1	011B	Arsenic	7.67E+00	mg/kg	Grid Value	9.73E+00	value
200	1	011B	Chromium	8.50E+01	mg/kg	Grid Value	6.19E+01	value
200	1	011B	Manganese	3.30E+02	mg/kg	Grid Value	4.60E+02	value
200	1	011B	Mercury	1.00E+01	mg/kg	Grid Value	6.93E+00	value
200	1	011B	Nickel	6.50E+01	mg/kg	Grid Value	1.26E+02	value
200	1	011B	PCB, Total	4.16E+00	mg/kg	Avg	2.60E+00	value
200	1	011B	Silver	9.47E+00	mg/kg	Grid Value	9.47E+00	value
200	1	011B	Total PAH	1.81E-02	mg/kg	Avg	1.89E-02	value
200	1	011B	Uranium	2.00E+01	mg/kg	Grid Value	2.65E+01	value
200	1	011B	Cesium-137	3.71E-01	pCi/g	Avg	4.68E-01	value
200	1	011B	Uranium-235	1.09E-01	pCi/g	Avg	1.14E-01	value
200	1	011B	Uranium-238	2.67E+00	pCi/g	Avg	2.79E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
200	1	011C	Antimony	3.70E-01	mg/kg	Avg	3.82E-01	value
200	1	011C	Arsenic	1.10E+01	mg/kg	Grid Value	9.73E+00	value
200	1	011C	Chromium	6.19E+01	mg/kg	Grid Value	6.19E+01	value
200	1	011C	Manganese	1.25E+02	mg/kg	Grid Value	4.60E+02	value
200	1	011C	Mercury	1.00E+01	mg/kg	Grid Value	6.93E+00	value
200	1	011C	Nickel	9.06E+01	mg/kg	Grid Value	1.26E+02	value
200	1	011C	PCB, Total	4.16E+00	mg/kg	Avg	2.60E+00	value
200	1	011C	Silver	1.00E+01	mg/kg	Grid Value	9.47E+00	value
200	1	011C	Total PAH	1.81E-02	mg/kg	Avg	1.89E-02	value
200	1	011C	Uranium	8.86E+00	mg/kg	Grid Value	2.65E+01	value
200	1	011C	Cesium-137	3.71E-01	pCi/g	Avg	4.68E-01	value
200	1	011C	Uranium-235	1.09E-01	pCi/g	Avg	1.14E-01	value
200	1	011C	Uranium-238	2.67E+00	pCi/g	Avg	2.79E+00	value
200	1	011D	Antimony	3.10E-01	mg/kg	Grid Value	3.82E-01	value
200	1	011D	Arsenic	1.02E+01	mg/kg	Grid Value	9.73E+00	value
200	1	011D	Chromium	1.98E+01	mg/kg	Grid Value	6.19E+01	value
200	1	011D	Manganese	1.21E+03	mg/kg	Grid Value	4.60E+02	value
200	1	011D	Mercury	3.06E-02	mg/kg	Grid Value	6.93E+00	value
200	1	011D	Nickel	1.09E+01	mg/kg	Grid Value	1.26E+02	value
200	1	011D	PCB, Total	4.16E+00	mg/kg	Avg	2.60E+00	value
200	1	011D	Silver	5.60E-02	mg/kg	Grid Value	9.47E+00	value
200	1	011D	Total PAH	1.81E-02	mg/kg	Avg	1.89E-02	value
200	1	011D	Uranium	8.26E+00	mg/kg	Grid Value	2.65E+01	value
200	1	011D	Cesium-137	3.71E-01	pCi/g	Avg	4.68E-01	value
200	1	011D	Uranium-235	1.09E-01	pCi/g	Avg	1.14E-01	value
200	1	011D	Uranium-238	2.67E+00	pCi/g	Avg	2.79E+00	value
200	1	011E	Antimony	3.70E-01	mg/kg	Avg	3.82E-01	value
200	1	011E	Arsenic	1.10E+01	mg/kg	Grid Value	9.73E+00	value
200	1	011E	Chromium	8.50E+01	mg/kg	Grid Value	6.19E+01	value
200	1	011E	Manganese	4.17E+02	mg/kg	Grid Value	4.60E+02	value
200	1	011E	Mercury	1.00E+01	mg/kg	Grid Value	6.93E+00	value
200	1	011E	Nickel	6.50E+01	mg/kg	Grid Value	1.26E+02	value
200	1	011E	PCB, Total	4.16E+00	mg/kg	Avg	2.60E+00	value
200	1	011E	Silver	1.00E+01	mg/kg	Grid Value	9.47E+00	value
200	1	011E	Total PAH	1.81E-02	mg/kg	Avg	1.89E-02	value
200	1	011E	Uranium	8.11E+00	mg/kg	Grid Value	2.65E+01	value
200	1	011E	Cesium-137	3.71E-01	pCi/g	Avg	4.68E-01	value
200	1	011E	Uranium-235	1.09E-01	pCi/g	Avg	1.14E-01	value
200	1	011E	Uranium-238	2.67E+00	pCi/g	Avg	2.79E+00	value
200	1	011H	Antimony	3.70E-01	mg/kg	Avg	3.82E-01	value
200	1	011H	Arsenic	1.10E+01	mg/kg	Grid Value	9.73E+00	value
200	1	011H	Chromium	5.75E+01	mg/kg	Grid Value	6.19E+01	value
200	1	011H	Manganese	2.37E+02	mg/kg	Grid Value	4.60E+02	value
200	1	011H	Mercury	1.00E+01	mg/kg	Grid Value	6.93E+00	value
200	1	011H	Nickel	1.15E+02	mg/kg	Grid Value	1.26E+02	value
200	1	011H	PCB, Total	4.16E+00	mg/kg	Avg	2.60E+00	value
200	1	011H	Silver	1.00E+01	mg/kg	Grid Value	9.47E+00	value
200	1	011H	Total PAH	1.81E-02	mg/kg	Avg	1.89E-02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
200	1	011H	Uranium	2.00E+01	mg/kg	Grid Value	2.65E+01	value
200	1	011H	Cesium-137	3.71E-01	pCi/g	Avg	4.68E-01	value
200	1	011H	Uranium-235	1.09E-01	pCi/g	Avg	1.14E-01	value
200	1	011H	Uranium-238	2.67E+00	pCi/g	Avg	2.79E+00	value
200	1	011J	Antimony	3.70E-01	mg/kg	Avg	3.82E-01	value
200	1	011J	Arsenic	6.62E+00	mg/kg	Grid Value	9.73E+00	value
200	1	011J	Chromium	3.25E+01	mg/kg	Grid Value	6.19E+01	value
200	1	011J	Manganese	4.91E+02	mg/kg	Grid Value	4.60E+02	value
200	1	011J	Mercury	1.00E+01	mg/kg	Grid Value	6.93E+00	value
200	1	011J	Nickel	6.50E+01	mg/kg	Grid Value	1.26E+02	value
200	1	011J	PCB, Total	4.16E+00	mg/kg	Avg	2.60E+00	value
200	1	011J	Silver	1.00E+01	mg/kg	Grid Value	9.47E+00	value
200	1	011J	Total PAH	1.81E-02	mg/kg	Avg	1.89E-02	value
200	1	011J	Uranium	2.00E+01	mg/kg	Grid Value	2.65E+01	value
200	1	011J	Cesium-137	3.71E-01	pCi/g	Avg	4.68E-01	value
200	1	011J	Uranium-235	1.09E-01	pCi/g	Avg	1.14E-01	value
200	1	011J	Uranium-238	2.67E+00	pCi/g	Avg	2.79E+00	value
200	1	011K	Antimony	3.00E-01	mg/kg	Grid Value	3.82E-01	value
200	1	011K	Arsenic	9.80E+00	mg/kg	Grid Value	9.73E+00	value
200	1	011K	Chromium	1.37E+01	mg/kg	Grid Value	6.19E+01	value
200	1	011K	Manganese	6.22E+02	mg/kg	Grid Value	4.60E+02	value
200	1	011K	Mercury	4.26E-02	mg/kg	Grid Value	6.93E+00	value
200	1	011K	Nickel	7.60E+00	mg/kg	Grid Value	1.26E+02	value
200	1	011K	PCB, Total	4.16E+00	mg/kg	Avg	2.60E+00	value
200	1	011K	Silver	4.50E-02	mg/kg	Grid Value	9.47E+00	value
200	1	011K	Total PAH	1.81E-02	mg/kg	Avg	1.89E-02	value
200	1	011K	Uranium	1.20E+00	mg/kg	Grid Value	2.65E+01	value
200	1	011K	Cesium-137	3.71E-01	pCi/g	Avg	4.68E-01	value
200	1	011K	Uranium-235	1.09E-01	pCi/g	Avg	1.14E-01	value
200	1	011K	Uranium-238	2.67E+00	pCi/g	Avg	2.79E+00	value
200	1	SOU200-012	Antimony	3.70E-01	mg/kg	Avg	3.82E-01	value
200	1	SOU200-012	Arsenic	6.92E+00	mg/kg	Grid Value	9.73E+00	value
200	1	SOU200-012	Chromium	5.17E+01	mg/kg	Grid Value	6.19E+01	value
200	1	SOU200-012	Manganese	2.66E+02	mg/kg	Grid Value	4.60E+02	value
200	1	SOU200-012	Mercury	1.00E+01	mg/kg	Grid Value	6.93E+00	value
200	1	SOU200-012	Nickel	6.36E+01	mg/kg	Grid Value	1.26E+02	value
200	1	SOU200-012	PCB, Total	5.00E+00	mg/kg	Grid Value	2.60E+00	value
200	1	SOU200-012	Silver	1.00E+01	mg/kg	Grid Value	9.47E+00	value
200	1	SOU200-012	Total PAH	1.81E-02	mg/kg	Avg	1.89E-02	value
200	1	SOU200-012	Uranium	7.67E+00	mg/kg	Grid Value	2.65E+01	value
200	1	SOU200-012	Cesium-137	3.71E-01	pCi/g	Avg	4.68E-01	value
200	1	SOU200-012	Uranium-235	1.09E-01	pCi/g	Avg	1.14E-01	value
200	1	SOU200-012	Uranium-238	2.67E+00	pCi/g	Avg	2.79E+00	value
200	1	SOU200-013	Antimony	5.60E-01	mg/kg	Grid Value	3.82E-01	value
200	1	SOU200-013	Arsenic	4.60E+00	mg/kg	Grid Value	9.73E+00	value
200	1	SOU200-013	Chromium	1.24E+01	mg/kg	Grid Value	6.19E+01	value
200	1	SOU200-013	Manganese	2.63E+02	mg/kg	Grid Value	4.60E+02	value
200	1	SOU200-013	Mercury	1.68E-02	mg/kg	Grid Value	6.93E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
200	1	SOU200-013	Nickel	1.08E+01	mg/kg	Grid Value	1.26E+02	value
200	1	SOU200-013	PCB, Total	5.00E+00	mg/kg	Grid Value	2.60E+00	value
200	1	SOU200-013	Silver	8.40E-02	mg/kg	Grid Value	9.47E+00	value
200	1	SOU200-013	Total PAH	2.84E-02	mg/kg	Grid Value	1.89E-02	value
200	1	SOU200-013	Uranium	1.00E+01	mg/kg	Grid Value	2.65E+01	value
200	1	SOU200-013	Cesium-137	1.90E-01	pCi/g	Grid Value	4.68E-01	value
200	1	SOU200-013	Uranium-235	1.22E-01	pCi/g	Grid Value	1.14E-01	value
200	1	SOU200-013	Uranium-238	3.35E+00	pCi/g	Grid Value	2.79E+00	value
212	1	SOU212-001	Antimony	5.20E-01	mg/kg	Grid Value	1.40E+00	maximum value
212	1	SOU212-001	Arsenic	1.44E+01	mg/kg	Grid Value	1.44E+01	maximum value
212	1	SOU212-001	Barium	1.92E+02	mg/kg	Grid Value	1.92E+02	maximum value
212	1	SOU212-001	Beryllium	8.90E-01	mg/kg	Grid Value	8.90E-01	maximum value
212	1	SOU212-001	Chromium	6.66E+01	mg/kg	Grid Value	6.66E+01	maximum value
212	1	SOU212-001	Cobalt	1.76E+01	mg/kg	Grid Value	1.76E+01	maximum value
212	1	SOU212-001	Iron	4.14E+04	mg/kg	Grid Value	4.14E+04	maximum value
212	1	SOU212-001	Manganese	1.44E+03	mg/kg	Grid Value	1.44E+03	maximum value
212	1	SOU212-001	Mercury	6.94E+00	mg/kg	Grid Value	6.94E+00	maximum value
212	1	SOU212-001	Nickel	2.31E+01	mg/kg	Grid Value	8.69E+01	maximum value
212	1	SOU212-001	PCB, Total	3.10E-01	mg/kg	Grid Value	1.80E-01	maximum value
212	1	SOU212-001	Silver	1.55E+01	mg/kg	Grid Value	1.55E+01	maximum value
212	1	SOU212-001	Uranium	1.41E+01	mg/kg	Grid Value	2.30E+01	maximum value
212	1	SOU212-001	Vanadium	3.80E+01	mg/kg	Grid Value	5.33E+01	maximum value
212	1	SOU212-001	Cesium-137	1.00E-01	pCi/g	Grid Value	6.01E-01	maximum value
212	1	SOU212-001	Cobalt-60	8.76E-03	pCi/g	Avg	8.76E-03	maximum value
212	1	SOU212-001	Neptunium-237	4.00E+00	pCi/g	Grid Value	4.00E+00	maximum value
212	1	SOU212-001	Plutonium-239/240	6.71E+00	pCi/g	Grid Value	6.71E+00	maximum value
212	1	SOU212-001	Thorium-230	2.60E+02	pCi/g	Grid Value	2.60E+02	maximum value
212	1	SOU212-001	Uranium-235	2.09E-01	pCi/g	Grid Value	2.09E-01	maximum value
212	1	SOU212-001	Uranium-238	3.17E+00	pCi/g	Grid Value	3.17E+00	maximum value
212	1	SOU212-001A	Antimony	2.55E+00	mg/kg	Avg	1.40E+00	maximum value
212	1	SOU212-001A	Arsenic	7.28E+00	mg/kg	Avg	1.44E+01	maximum value
212	1	SOU212-001A	Barium	1.27E+02	mg/kg	Avg	1.92E+02	maximum value
212	1	SOU212-001A	Beryllium	6.54E-01	mg/kg	Avg	8.90E-01	maximum value
212	1	SOU212-001A	Chromium	4.01E+01	mg/kg	Avg	6.66E+01	maximum value
212	1	SOU212-001A	Cobalt	8.92E+00	mg/kg	Avg	1.76E+01	maximum value
212	1	SOU212-001A	Iron	2.39E+04	mg/kg	Avg	4.14E+04	maximum value
212	1	SOU212-001A	Manganese	6.28E+02	mg/kg	Avg	1.44E+03	maximum value
212	1	SOU212-001A	Mercury	2.45E+00	mg/kg	Avg	6.94E+00	maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
212	1	SOU212-001A	Nickel	2.73E+01	mg/kg	Avg	8.69E+01	maximum value
212	1	SOU212-001A	PCB, Total	1.30E-01	mg/kg	Grid Value	1.80E-01	maximum value
212	1	SOU212-001A	Silver	4.10E+00	mg/kg	Avg	1.55E+01	maximum value
212	1	SOU212-001A	Uranium	1.36E+01	mg/kg	Avg	2.30E+01	maximum value
212	1	SOU212-001A	Vanadium	3.52E+01	mg/kg	Avg	5.33E+01	maximum value
212	1	SOU212-001A	Cesium-137	3.51E-01	pCi/g	Avg	6.01E-01	maximum value
212	1	SOU212-001A	Cobalt-60	8.76E-03	pCi/g	Avg	8.76E-03	maximum value
212	1	SOU212-001A	Neptunium-237	2.01E+00	pCi/g	Avg	4.00E+00	maximum value
212	1	SOU212-001A	Plutonium-239/240	3.54E+00	pCi/g	Avg	6.71E+00	maximum value
212	1	SOU212-001A	Thorium-230	1.32E+02	pCi/g	Avg	2.60E+02	maximum value
212	1	SOU212-001A	Uranium-235	1.23E-01	pCi/g	Avg	2.09E-01	maximum value
212	1	SOU212-001A	Uranium-238	1.92E+00	pCi/g	Avg	3.17E+00	maximum value
212	1	001B	Antimony	9.74E+00	mg/kg	Grid Value	1.40E+00	maximum value
212	1	001B	Arsenic	1.26E+01	mg/kg	Grid Value	1.44E+01	maximum value
212	1	001B	Barium	8.10E+01	mg/kg	Grid Value	1.92E+02	maximum value
212	1	001B	Beryllium	4.87E-01	mg/kg	Grid Value	8.90E-01	maximum value
212	1	001B	Chromium	3.72E+01	mg/kg	Grid Value	6.66E+01	maximum value
212	1	001B	Cobalt	5.48E+00	mg/kg	Grid Value	1.76E+01	maximum value
212	1	001B	Iron	1.91E+04	mg/kg	Grid Value	4.14E+04	maximum value
212	1	001B	Manganese	6.69E+02	mg/kg	Grid Value	1.44E+03	maximum value
212	1	001B	Mercury	9.00E-02	mg/kg	Grid Value	6.94E+00	maximum value
212	1	001B	Nickel	8.17E+00	mg/kg	Grid Value	8.69E+01	maximum value
212	1	001B	PCB, Total	1.80E-01	mg/kg	Grid Value	1.80E-01	maximum value
212	1	001B	Silver	2.43E+00	mg/kg	Grid Value	1.55E+01	maximum value
212	1	001B	Uranium	3.58E+00	mg/kg	Grid Value	2.30E+01	maximum value
212	1	001B	Vanadium	2.14E+01	mg/kg	Grid Value	5.33E+01	maximum value
212	1	001B	Cesium-137	6.01E-01	pCi/g	Grid Value	6.01E-01	maximum value
212	1	001B	Cobalt-60	8.76E-03	pCi/g	Grid Value	8.76E-03	maximum value
212	1	001B	Neptunium-237	1.23E-02	pCi/g	Grid Value	4.00E+00	maximum value
212	1	001B	Plutonium-239/240	3.65E-01	pCi/g	Grid Value	6.71E+00	maximum value
212	1	001B	Thorium-230	3.61E+00	pCi/g	Grid Value	2.60E+02	maximum value
212	1	001B	Uranium-235	3.73E-02	pCi/g	Grid Value	2.09E-01	maximum value
212	1	001B	Uranium-238	6.76E-01	pCi/g	Grid Value	3.17E+00	maximum value
212	1	SOU212-002	Antimony	2.55E+00	mg/kg	Avg	1.40E+00	maximum value
212	1	SOU212-002	Arsenic	7.05E+00	mg/kg	Grid Value	1.44E+01	maximum value
212	1	SOU212-002	Barium	1.27E+02	mg/kg	Avg	1.92E+02	maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
212	1	SOU212-002	Beryllium	6.54E-01	mg/kg	Avg	8.90E-01	maximum value
212	1	SOU212-002	Chromium	3.51E+01	mg/kg	Grid Value	6.66E+01	maximum value
212	1	SOU212-002	Cobalt	8.92E+00	mg/kg	Avg	1.76E+01	maximum value
212	1	SOU212-002	Iron	3.10E+04	mg/kg	Grid Value	4.14E+04	maximum value
212	1	SOU212-002	Manganese	5.17E+02	mg/kg	Grid Value	1.44E+03	maximum value
212	1	SOU212-002	Mercury	1.00E+01	mg/kg	Grid Value	6.94E+00	maximum value
212	1	SOU212-002	Nickel	8.69E+01	mg/kg	Grid Value	8.69E+01	maximum value
212	1	SOU212-002	PCB, Total	5.00E+00	mg/kg	Grid Value	1.80E-01	maximum value
212	1	SOU212-002	Silver	1.00E+01	mg/kg	Grid Value	1.55E+01	maximum value
212	1	SOU212-002	Uranium	2.30E+01	mg/kg	Grid Value	2.30E+01	maximum value
212	1	SOU212-002	Vanadium	3.52E+01	mg/kg	Avg	5.33E+01	maximum value
212	1	SOU212-002	Cesium-137	3.51E-01	pCi/g	Avg	6.01E-01	maximum value
212	1	SOU212-002	Cobalt-60	8.76E-03	pCi/g	Avg	8.76E-03	maximum value
212	1	SOU212-002	Neptunium-237	2.01E+00	pCi/g	Avg	4.00E+00	maximum value
212	1	SOU212-002	Plutonium-239/240	3.54E+00	pCi/g	Avg	6.71E+00	maximum value
212	1	SOU212-002	Thorium-230	1.32E+02	pCi/g	Avg	2.60E+02	maximum value
212	1	SOU212-002	Uranium-235	1.23E-01	pCi/g	Avg	2.09E-01	maximum value
212	1	SOU212-002	Uranium-238	1.92E+00	pCi/g	Avg	3.17E+00	maximum value
212	1	002B	Antimony	2.55E+00	mg/kg	Avg	1.40E+00	maximum value
212	1	002B	Arsenic	7.28E+00	mg/kg	Avg	1.44E+01	maximum value
212	1	002B	Barium	1.27E+02	mg/kg	Avg	1.92E+02	maximum value
212	1	002B	Beryllium	6.54E-01	mg/kg	Avg	8.90E-01	maximum value
212	1	002B	Chromium	4.01E+01	mg/kg	Avg	6.66E+01	maximum value
212	1	002B	Cobalt	8.92E+00	mg/kg	Avg	1.76E+01	maximum value
212	1	002B	Iron	2.39E+04	mg/kg	Avg	4.14E+04	maximum value
212	1	002B	Manganese	6.28E+02	mg/kg	Avg	1.44E+03	maximum value
212	1	002B	Mercury	2.45E+00	mg/kg	Avg	6.94E+00	maximum value
212	1	002B	Nickel	2.73E+01	mg/kg	Avg	8.69E+01	maximum value
212	1	002B	PCB, Total	1.30E-01	mg/kg	Grid Value	1.80E-01	maximum value
212	1	002B	Silver	4.10E+00	mg/kg	Avg	1.55E+01	maximum value
212	1	002B	Uranium	1.36E+01	mg/kg	Avg	2.30E+01	maximum value
212	1	002B	Vanadium	3.52E+01	mg/kg	Avg	5.33E+01	maximum value
212	1	002B	Cesium-137	3.51E-01	pCi/g	Avg	6.01E-01	maximum value
212	1	002B	Cobalt-60	8.76E-03	pCi/g	Avg	8.76E-03	maximum value
212	1	002B	Neptunium-237	2.01E+00	pCi/g	Avg	4.00E+00	maximum value
212	1	002B	Plutonium-239/240	3.54E+00	pCi/g	Avg	6.71E+00	maximum value
212	1	002B	Thorium-230	1.32E+02	pCi/g	Avg	2.60E+02	maximum value
212	1	002B	Uranium-235	1.23E-01	pCi/g	Avg	2.09E-01	maximum value
212	1	002B	Uranium-238	1.92E+00	pCi/g	Avg	3.17E+00	maximum value
212	1	002C	Antimony	1.11E+00	mg/kg	Grid Value	1.40E+00	maximum value
212	1	002C	Arsenic	5.60E+00	mg/kg	Grid Value	1.44E+01	maximum value
212	1	002C	Barium	1.05E+02	mg/kg	Grid Value	1.92E+02	maximum value
212	1	002C	Beryllium	6.99E-01	mg/kg	Grid Value	8.90E-01	maximum value
212	1	002C	Chromium	5.62E+01	mg/kg	Grid Value	6.66E+01	maximum value
212	1	002C	Cobalt	9.87E+00	mg/kg	Grid Value	1.76E+01	maximum value
212	1	002C	Iron	2.35E+04	mg/kg	Grid Value	4.14E+04	maximum value
212	1	002C	Manganese	3.59E+02	mg/kg	Grid Value	1.44E+03	maximum value
212	1	002C	Mercury	2.99E-02	mg/kg	Grid Value	6.94E+00	maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
212	1	002C	Nickel	1.19E+01	mg/kg	Grid Value	8.69E+01	maximum value
212	1	002C	PCB, Total	1.70E-02	mg/kg	Grid Value	1.80E-01	maximum value
212	1	002C	Silver	1.80E-01	mg/kg	Grid Value	1.55E+01	maximum value
212	1	002C	Uranium	1.36E+01	mg/kg	Avg	2.30E+01	maximum value
212	1	002C	Vanadium	5.33E+01	mg/kg	Grid Value	5.33E+01	maximum value
212	1	002C	Cesium-137	3.51E-01	pCi/g	Avg	6.01E-01	maximum value
212	1	002C	Cobalt-60	8.76E-03	pCi/g	Avg	8.76E-03	maximum value
212	1	002C	Neptunium-237	2.01E+00	pCi/g	Avg	4.00E+00	maximum value
212	1	002C	Plutonium-239/240	3.54E+00	pCi/g	Avg	6.71E+00	maximum value
212	1	002C	Thorium-230	1.32E+02	pCi/g	Avg	2.60E+02	maximum value
212	1	002C	Uranium-235	1.23E-01	pCi/g	Avg	2.09E-01	maximum value
212	1	002C	Uranium-238	1.92E+00	pCi/g	Avg	3.17E+00	maximum value
212	1	002D	Antimony	1.40E+00	mg/kg	Grid Value	1.40E+00	maximum value
212	1	002D	Arsenic	3.93E+00	mg/kg	Grid Value	1.44E+01	maximum value
212	1	002D	Barium	1.52E+02	mg/kg	Grid Value	1.92E+02	maximum value
212	1	002D	Beryllium	5.73E-01	mg/kg	Grid Value	8.90E-01	maximum value
212	1	002D	Chromium	1.46E+01	mg/kg	Grid Value	6.66E+01	maximum value
212	1	002D	Cobalt	5.36E+00	mg/kg	Grid Value	1.76E+01	maximum value
212	1	002D	Iron	1.45E+04	mg/kg	Grid Value	4.14E+04	maximum value
212	1	002D	Manganese	5.25E+02	mg/kg	Grid Value	1.44E+03	maximum value
212	1	002D	Mercury	2.43E-02	mg/kg	Grid Value	6.94E+00	maximum value
212	1	002D	Nickel	2.68E+01	mg/kg	Grid Value	8.69E+01	maximum value
212	1	002D	PCB, Total	1.70E-02	mg/kg	Grid Value	1.80E-01	maximum value
212	1	002D	Silver	1.80E-01	mg/kg	Grid Value	1.55E+01	maximum value
212	1	002D	Uranium	1.36E+01	mg/kg	Avg	2.30E+01	maximum value
212	1	002D	Vanadium	2.27E+01	mg/kg	Grid Value	5.33E+01	maximum value
212	1	002D	Cesium-137	3.51E-01	pCi/g	Avg	6.01E-01	maximum value
212	1	002D	Cobalt-60	8.76E-03	pCi/g	Avg	8.76E-03	maximum value
212	1	002D	Neptunium-237	2.01E+00	pCi/g	Avg	4.00E+00	maximum value
212	1	002D	Plutonium-239/240	3.54E+00	pCi/g	Avg	6.71E+00	maximum value
212	1	002D	Thorium-230	1.32E+02	pCi/g	Avg	2.60E+02	maximum value
212	1	002D	Uranium-235	1.23E-01	pCi/g	Avg	2.09E-01	maximum value
212	1	002D	Uranium-238	1.92E+00	pCi/g	Avg	3.17E+00	maximum value
213	1	SOU213-001	Antimony	8.50E-01	mg/kg	Grid Value	8.50E-01	maximum value
213	1	SOU213-001	Arsenic	4.20E+00	mg/kg	Grid Value	9.21E+00	maximum value
213	1	SOU213-001	Chromium	1.48E+01	mg/kg	Grid Value	5.47E+01	maximum value
213	1	SOU213-001	Manganese	9.06E+02	mg/kg	Grid Value	9.06E+02	maximum value
213	1	SOU213-001	Nickel	6.67E+01	mg/kg	Grid Value	6.67E+01	maximum value
213	1	SOU213-001	PCB, Total	7.30E-02	mg/kg	Grid Value	7.30E-02	maximum value
213	1	SOU213-001	Silver	2.90E-02	mg/kg	Grid Value	1.32E+01	maximum value
213	1	SOU213-001	Total PAH	1.72E-01	mg/kg	Grid Value	1.72E-01	maximum value
213	1	SOU213-001	Uranium-238	2.33E+00	pCi/g	Grid Value	2.33E+00	maximum value
213	1	SOU213-001-1	Antimony	8.50E-01	mg/kg	Avg	8.50E-01	maximum value
213	1	SOU213-001-1	Arsenic	7.58E+00	mg/kg	Grid Value	9.21E+00	maximum value
213	1	SOU213-001-1	Chromium	4.78E+01	mg/kg	Grid Value	5.47E+01	maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
213	1	SOU213-001-1	Manganese	3.66E+02	mg/kg	Grid Value	9.06E+02	maximum value
213	1	SOU213-001-1	Nickel	6.50E+01	mg/kg	Grid Value	6.67E+01	maximum value
213	1	SOU213-001-1	PCB, Total	5.00E+00	mg/kg	Grid Value	7.30E-02	maximum value
213	1	SOU213-001-1	Silver	1.32E+01	mg/kg	Grid Value	1.32E+01	maximum value
213	1	SOU213-001-1	Total PAH	1.72E-01	mg/kg	Avg	1.72E-01	maximum value
213	1	SOU213-001-1	Uranium-238	2.33E+00	pCi/g	Avg	2.33E+00	maximum value
213	1	SOU213-001-2	Antimony	8.50E-01	mg/kg	Avg	8.50E-01	maximum value
213	1	SOU213-001-2	Arsenic	6.37E+00	mg/kg	Grid Value	9.21E+00	maximum value
213	1	SOU213-001-2	Chromium	8.50E+01	mg/kg	Grid Value	5.47E+01	maximum value
213	1	SOU213-001-2	Manganese	3.18E+02	mg/kg	Grid Value	9.06E+02	maximum value
213	1	SOU213-001-2	Nickel	6.50E+01	mg/kg	Grid Value	6.67E+01	maximum value
213	1	SOU213-001-2	PCB, Total	5.00E+00	mg/kg	Grid Value	7.30E-02	maximum value
213	1	SOU213-001-2	Silver	1.00E+01	mg/kg	Grid Value	1.32E+01	maximum value
213	1	SOU213-001-2	Total PAH	1.72E-01	mg/kg	Avg	1.72E-01	maximum value
213	1	SOU213-001-2	Uranium-238	2.33E+00	pCi/g	Avg	2.33E+00	maximum value
213	1	SOU213-001-3	Antimony	8.50E-01	mg/kg	Avg	8.50E-01	maximum value
213	1	SOU213-001-3	Arsenic	9.21E+00	mg/kg	Grid Value	9.21E+00	maximum value
213	1	SOU213-001-3	Chromium	5.47E+01	mg/kg	Grid Value	5.47E+01	maximum value
213	1	SOU213-001-3	Manganese	2.62E+02	mg/kg	Grid Value	9.06E+02	maximum value
213	1	SOU213-001-3	Nickel	6.50E+01	mg/kg	Grid Value	6.67E+01	maximum value
213	1	SOU213-001-3	PCB, Total	5.00E+00	mg/kg	Grid Value	7.30E-02	maximum value
213	1	SOU213-001-3	Silver	1.29E+01	mg/kg	Grid Value	1.32E+01	maximum value
213	1	SOU213-001-3	Total PAH	1.72E-01	mg/kg	Avg	1.72E-01	maximum value
213	1	SOU213-001-3	Uranium-238	2.33E+00	pCi/g	Avg	2.33E+00	maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
213	1	SOU213-001-4	Antimony	8.50E-01	mg/kg	Avg	8.50E-01	maximum value
213	1	SOU213-001-4	Arsenic	6.19E+00	mg/kg	Grid Value	9.21E+00	maximum value
213	1	SOU213-001-4	Chromium	3.64E+01	mg/kg	Grid Value	5.47E+01	maximum value
213	1	SOU213-001-4	Manganese	1.86E+02	mg/kg	Grid Value	9.06E+02	maximum value
213	1	SOU213-001-4	Nickel	6.50E+01	mg/kg	Grid Value	6.67E+01	maximum value
213	1	SOU213-001-4	PCB, Total	5.00E+00	mg/kg	Grid Value	7.30E-02	maximum value
213	1	SOU213-001-4	Silver	1.00E+01	mg/kg	Grid Value	1.32E+01	maximum value
213	1	SOU213-001-4	Total PAH	1.72E-01	mg/kg	Avg	1.72E-01	maximum value
213	1	SOU213-001-4	Uranium-238	2.33E+00	pCi/g	Avg	2.33E+00	maximum value
213	2	SOU213-001-5	Chromium	6.77E+01	mg/kg	Grid Value	6.77E+01	maximum value
213	2	SOU213-001-5	Manganese	2.78E+02	mg/kg	Grid Value	2.10E+03	maximum value
213	2	SOU213-001-5	Nickel	6.50E+01	mg/kg	Grid Value	9.10E+01	maximum value
213	2	SOU213-001-5	Silver	1.00E+01	mg/kg	Grid Value	1.13E+01	maximum value
213	2	SOU213-001-6	Chromium	3.96E+01	mg/kg	Grid Value	6.77E+01	maximum value
213	2	SOU213-001-6	Manganese	2.10E+03	mg/kg	Grid Value	2.10E+03	maximum value
213	2	SOU213-001-6	Nickel	7.17E+01	mg/kg	Grid Value	9.10E+01	maximum value
213	2	SOU213-001-6	Silver	9.94E+00	mg/kg	Grid Value	1.13E+01	maximum value
213	2	SOU213-001-7	Chromium	5.95E+01	mg/kg	Grid Value	6.77E+01	maximum value
213	2	SOU213-001-7	Manganese	3.22E+02	mg/kg	Grid Value	2.10E+03	maximum value
213	2	SOU213-001-7	Nickel	9.10E+01	mg/kg	Grid Value	9.10E+01	maximum value
213	2	SOU213-001-7	Silver	1.13E+01	mg/kg	Grid Value	1.13E+01	maximum value
213	2	SOU213-001A	Chromium	4.48E+01	mg/kg	Grid Value	6.77E+01	maximum value
213	2	SOU213-001A	Manganese	1.06E+02	mg/kg	Grid Value	2.10E+03	maximum value
213	2	SOU213-001A	Nickel	6.92E+01	mg/kg	Grid Value	9.10E+01	maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
213	2	SOU213-001A	Silver	1.00E+01	mg/kg	Grid Value	1.13E+01	maximum value
214	1	SOU214-001	Antimony	5.70E-01	mg/kg	Grid Value	5.70E-01	maximum value
214	1	SOU214-001	Arsenic	1.15E+01	mg/kg	Grid Value	1.15E+01	maximum value
215	1	SOU215-001	Antimony	6.80E-01	mg/kg	Grid Value	6.80E-01	maximum value
215	1	SOU215-001	Arsenic	7.34E+00	mg/kg	Grid Value	1.02E+01	maximum value
215	1	SOU215-001	Chromium	5.73E+01	mg/kg	Grid Value	5.73E+01	maximum value
215	1	SOU215-001	Iron	1.40E+04	mg/kg	Grid Value	3.87E+04	maximum value
215	1	SOU215-001	Nickel	8.80E+00	mg/kg	Grid Value	7.32E+01	maximum value
215	1	SOU215-001	Silver	3.80E-02	mg/kg	Grid Value	9.51E+00	maximum value
215	1	SOU215-001	Total PAH	5.00E-01	mg/kg	Grid Value	5.00E-01	maximum value
215	1	SOU215-001A	Antimony	4.20E-01	mg/kg	Avg	6.80E-01	maximum value
215	1	SOU215-001A	Arsenic	7.91E+00	mg/kg	Grid Value	1.02E+01	maximum value
215	1	SOU215-001A	Chromium	5.25E+01	mg/kg	Grid Value	5.73E+01	maximum value
215	1	SOU215-001A	Iron	1.27E+04	mg/kg	Grid Value	3.87E+04	maximum value
215	1	SOU215-001A	Nickel	6.50E+01	mg/kg	Grid Value	7.32E+01	maximum value
215	1	SOU215-001A	Silver	1.00E+01	mg/kg	Grid Value	9.51E+00	maximum value
215	1	SOU215-001A	Total PAH	5.00E-01	mg/kg	Avg	5.00E-01	maximum value
215	1	001B	Antimony	4.20E-01	mg/kg	Avg	6.80E-01	maximum value
215	1	001B	Arsenic	6.71E+00	mg/kg	Grid Value	1.02E+01	maximum value
215	1	001B	Chromium	8.50E+01	mg/kg	Grid Value	5.73E+01	maximum value
215	1	001B	Iron	1.32E+04	mg/kg	Grid Value	3.87E+04	maximum value
215	1	001B	Nickel	6.50E+01	mg/kg	Grid Value	7.32E+01	maximum value
215	1	001B	Silver	1.00E+01	mg/kg	Grid Value	9.51E+00	maximum value
215	1	001B	Total PAH	5.00E-01	mg/kg	Avg	5.00E-01	maximum value
215	1	001C	Antimony	4.20E-01	mg/kg	Avg	6.80E-01	maximum value
215	1	001C	Arsenic	7.60E+00	mg/kg	Grid Value	1.02E+01	maximum value
215	1	001C	Chromium	8.50E+01	mg/kg	Grid Value	5.73E+01	maximum value
215	1	001C	Iron	1.29E+04	mg/kg	Grid Value	3.87E+04	maximum value
215	1	001C	Nickel	6.50E+01	mg/kg	Grid Value	7.32E+01	maximum value
215	1	001C	Silver	1.00E+01	mg/kg	Grid Value	9.51E+00	maximum value
215	1	001C	Total PAH	5.00E-01	mg/kg	Avg	5.00E-01	maximum value
215	1	001D	Antimony	2.80E-01	mg/kg	Grid Value	6.80E-01	maximum value
215	1	001D	Arsenic	7.38E+00	mg/kg	Grid Value	1.02E+01	maximum value
215	1	001D	Chromium	5.42E+01	mg/kg	Grid Value	5.73E+01	maximum value
215	1	001D	Iron	1.40E+04	mg/kg	Grid Value	3.87E+04	maximum value
215	1	001D	Nickel	1.04E+01	mg/kg	Grid Value	7.32E+01	maximum value
215	1	001D	Silver	6.40E-02	mg/kg	Grid Value	9.51E+00	maximum value
215	1	001D	Total PAH	5.00E-01	mg/kg	Avg	5.00E-01	maximum value
215	1	001E	Antimony	4.20E-01	mg/kg	Avg	6.80E-01	maximum value
215	1	001E	Arsenic	7.36E+00	mg/kg	Grid Value	1.02E+01	maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
215	1	001E	Chromium	3.66E+01	mg/kg	Grid Value	5.73E+01	maximum value
215	1	001E	Iron	3.87E+04	mg/kg	Grid Value	3.87E+04	maximum value
215	1	001E	Nickel	6.50E+01	mg/kg	Grid Value	7.32E+01	maximum value
215	1	001E	Silver	1.00E+01	mg/kg	Grid Value	9.51E+00	maximum value
215	1	001E	Total PAH	5.00E-01	mg/kg	Avg	5.00E-01	maximum value
215	1	001F	Antimony	4.20E-01	mg/kg	Avg	6.80E-01	maximum value
215	1	001F	Arsenic	1.02E+01	mg/kg	Grid Value	1.02E+01	maximum value
215	1	001F	Chromium	8.50E+01	mg/kg	Grid Value	5.73E+01	maximum value
215	1	001F	Iron	1.28E+04	mg/kg	Grid Value	3.87E+04	maximum value
215	1	001F	Nickel	7.32E+01	mg/kg	Grid Value	7.32E+01	maximum value
215	1	001F	Silver	9.51E+00	mg/kg	Grid Value	9.51E+00	maximum value
215	1	001F	Total PAH	5.00E-01	mg/kg	Avg	5.00E-01	maximum value
215	1	001G	Antimony	4.20E-01	mg/kg	Avg	6.80E-01	maximum value
215	1	001G	Arsenic	7.28E+00	mg/kg	Grid Value	1.02E+01	maximum value
215	1	001G	Chromium	4.10E+01	mg/kg	Grid Value	5.73E+01	maximum value
215	1	001G	Iron	1.07E+04	mg/kg	Grid Value	3.87E+04	maximum value
215	1	001G	Nickel	6.50E+01	mg/kg	Grid Value	7.32E+01	maximum value
215	1	001G	Silver	1.00E+01	mg/kg	Grid Value	9.51E+00	maximum value
215	1	001G	Total PAH	5.00E-01	mg/kg	Avg	5.00E-01	maximum value
215	1	001H	Antimony	3.00E-01	mg/kg	Grid Value	6.80E-01	maximum value
215	1	001H	Arsenic	8.30E+00	mg/kg	Grid Value	1.02E+01	maximum value
215	1	001H	Chromium	3.29E+01	mg/kg	Grid Value	5.73E+01	maximum value
215	1	001H	Iron	1.41E+04	mg/kg	Grid Value	3.87E+04	maximum value
215	1	001H	Nickel	9.90E+00	mg/kg	Grid Value	7.32E+01	maximum value
215	1	001H	Silver	2.90E-02	mg/kg	Grid Value	9.51E+00	maximum value
215	1	001H	Total PAH	5.00E-01	mg/kg	Avg	5.00E-01	maximum value
216	1	SOU216-001	Arsenic	8.60E+00	mg/kg	Grid Value	8.60E+00	maximum value
216	1	SOU216-001	Total PAH	1.49E-01	mg/kg	Grid Value	1.49E-01	maximum value
216	1	SOU216-001	Cesium-137	4.10E-01	pCi/g	Grid Value	4.10E-01	maximum value
216	1	SOU216-001	Uranium-238	1.33E+00	pCi/g	Grid Value	1.33E+00	maximum value
217	1	SOU217-001	Arsenic	8.34E+00	mg/kg	Grid Value	9.42E+00	value
217	1	SOU217-001	Chromium	4.68E+01	mg/kg	Grid Value	6.53E+01	value
217	1	SOU217-001	Cobalt	1.45E+01	mg/kg	Avg	1.64E+01	value
217	1	SOU217-001	Manganese	3.61E+02	mg/kg	Grid Value	9.97E+02	value
217	1	SOU217-001	Mercury	1.00E+01	mg/kg	Grid Value	7.37E+00	value
217	1	SOU217-001	Nickel	6.50E+01	mg/kg	Grid Value	8.71E+01	value
217	1	SOU217-001	Silver	1.00E+01	mg/kg	Grid Value	1.35E+01	value
217	1	SOU217-001	Vanadium	2.70E+01	mg/kg	Avg	3.00E+01	value
217	1	SOU217-001	Uranium-238	1.06E+00	pCi/g	Avg	1.09E+00	value
217	1	SOU217-002	Arsenic	9.37E+00	mg/kg	Grid Value	9.42E+00	value
217	1	SOU217-002	Chromium	5.42E+01	mg/kg	Grid Value	6.53E+01	value
217	1	SOU217-002	Cobalt	1.45E+01	mg/kg	Avg	1.64E+01	value
217	1	SOU217-002	Manganese	7.00E+02	mg/kg	Grid Value	9.97E+02	value
217	1	SOU217-002	Mercury	1.00E+01	mg/kg	Grid Value	7.37E+00	value
217	1	SOU217-002	Nickel	6.50E+01	mg/kg	Grid Value	8.71E+01	value
217	1	SOU217-002	Silver	1.00E+01	mg/kg	Grid Value	1.35E+01	value
217	1	SOU217-002	Vanadium	2.70E+01	mg/kg	Avg	3.00E+01	value
217	1	SOU217-002	Uranium-238	1.06E+00	pCi/g	Avg	1.09E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
217	1	SOU217-003	Arsenic	1.10E+01	mg/kg	Grid Value	9.42E+00	value
217	1	SOU217-003	Chromium	4.07E+01	mg/kg	Grid Value	6.53E+01	value
217	1	SOU217-003	Cobalt	1.45E+01	mg/kg	Avg	1.64E+01	value
217	1	SOU217-003	Manganese	1.56E+02	mg/kg	Grid Value	9.97E+02	value
217	1	SOU217-003	Mercury	6.98E+00	mg/kg	Grid Value	7.37E+00	value
217	1	SOU217-003	Nickel	6.50E+01	mg/kg	Grid Value	8.71E+01	value
217	1	SOU217-003	Silver	1.00E+01	mg/kg	Grid Value	1.35E+01	value
217	1	SOU217-003	Vanadium	2.70E+01	mg/kg	Avg	3.00E+01	value
217	1	SOU217-003	Uranium-238	1.06E+00	pCi/g	Avg	1.09E+00	value
217	1	SOU217-004	Arsenic	9.58E+00	mg/kg	Grid Value	9.42E+00	value
217	1	SOU217-004	Chromium	3.96E+01	mg/kg	Grid Value	6.53E+01	value
217	1	SOU217-004	Cobalt	2.50E+01	mg/kg	Grid Value	1.64E+01	value
217	1	SOU217-004	Manganese	1.05E+03	mg/kg	Grid Value	9.97E+02	value
217	1	SOU217-004	Mercury	7.37E+00	mg/kg	Grid Value	7.37E+00	value
217	1	SOU217-004	Nickel	1.14E+01	mg/kg	Grid Value	8.71E+01	value
217	1	SOU217-004	Silver	1.60E-02	mg/kg	Grid Value	1.35E+01	value
217	1	SOU217-004	Vanadium	2.10E+01	mg/kg	Grid Value	3.00E+01	value
217	1	SOU217-004	Uranium-238	9.80E-01	pCi/g	Grid Value	1.09E+00	value
217	1	SOU217-005	Arsenic	6.81E+00	mg/kg	Grid Value	9.42E+00	value
217	1	SOU217-005	Chromium	5.33E+01	mg/kg	Grid Value	6.53E+01	value
217	1	SOU217-005	Cobalt	1.45E+01	mg/kg	Avg	1.64E+01	value
217	1	SOU217-005	Manganese	2.16E+02	mg/kg	Grid Value	9.97E+02	value
217	1	SOU217-005	Mercury	1.00E+01	mg/kg	Grid Value	7.37E+00	value
217	1	SOU217-005	Nickel	1.30E+02	mg/kg	Grid Value	8.71E+01	value
217	1	SOU217-005	Silver	1.00E+01	mg/kg	Grid Value	1.35E+01	value
217	1	SOU217-005	Vanadium	2.70E+01	mg/kg	Avg	3.00E+01	value
217	1	SOU217-005	Uranium-238	1.06E+00	pCi/g	Avg	1.09E+00	value
217	1	SOU217-005A	Arsenic	7.07E+00	mg/kg	Grid Value	9.42E+00	UCL 95 or maximum value
217	1	SOU217-005A	Chromium	8.50E+01	mg/kg	Grid Value	6.53E+01	UCL 95 or maximum value
217	1	SOU217-005A	Cobalt	1.45E+01	mg/kg	Avg	1.64E+01	UCL 95 or maximum value
217	1	SOU217-005A	Manganese	1.96E+03	mg/kg	Grid Value	9.97E+02	UCL 95 or maximum value
217	1	SOU217-005A	Mercury	1.00E+01	mg/kg	Grid Value	7.37E+00	UCL 95 or maximum value
217	1	SOU217-005A	Nickel	1.24E+02	mg/kg	Grid Value	8.71E+01	UCL 95 or maximum value
217	1	SOU217-005A	Silver	1.00E+01	mg/kg	Grid Value	1.35E+01	UCL 95 or maximum value
217	1	SOU217-005A	Vanadium	2.70E+01	mg/kg	Avg	3.00E+01	UCL 95 or maximum value
217	1	SOU217-005A	Uranium-238	1.06E+00	pCi/g	Avg	1.09E+00	UCL 95 or maximum value
217	1	005B	Arsenic	1.10E+01	mg/kg	Grid Value	9.42E+00	value
217	1	005B	Chromium	8.50E+01	mg/kg	Grid Value	6.53E+01	value
217	1	005B	Cobalt	1.45E+01	mg/kg	Avg	1.64E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
217	1	005B	Manganese	3.81E+02	mg/kg	Grid Value	9.97E+02	value
217	1	005B	Mercury	1.00E+01	mg/kg	Grid Value	7.37E+00	value
217	1	005B	Nickel	9.19E+01	mg/kg	Grid Value	8.71E+01	value
217	1	005B	Silver	1.35E+01	mg/kg	Grid Value	1.35E+01	value
217	1	005B	Vanadium	2.70E+01	mg/kg	Avg	3.00E+01	value
217	1	005B	Uranium-238	1.06E+00	pCi/g	Avg	1.09E+00	value
217	1	005J	Arsenic	6.61E+00	mg/kg	Grid Value	9.42E+00	value
217	1	005J	Chromium	4.21E+01	mg/kg	Grid Value	6.53E+01	value
217	1	005J	Cobalt	1.45E+01	mg/kg	Avg	1.64E+01	value
217	1	005J	Manganese	4.01E+02	mg/kg	Grid Value	9.97E+02	value
217	1	005J	Mercury	1.00E+01	mg/kg	Grid Value	7.37E+00	value
217	1	005J	Nickel	6.23E+01	mg/kg	Grid Value	8.71E+01	value
217	1	005J	Silver	1.18E+01	mg/kg	Grid Value	1.35E+01	value
217	1	005J	Vanadium	2.70E+01	mg/kg	Avg	3.00E+01	value
217	1	005J	Uranium-238	1.06E+00	pCi/g	Avg	1.09E+00	value
217	1	SOU217-010	Arsenic	9.77E+00	mg/kg	Grid Value	9.42E+00	value
217	1	SOU217-010	Chromium	5.35E+01	mg/kg	Grid Value	6.53E+01	value
217	1	SOU217-010	Cobalt	1.45E+01	mg/kg	Avg	1.64E+01	value
217	1	SOU217-010	Manganese	1.63E+03	mg/kg	Grid Value	9.97E+02	value
217	1	SOU217-010	Mercury	1.00E+01	mg/kg	Grid Value	7.37E+00	value
217	1	SOU217-010	Nickel	7.62E+01	mg/kg	Grid Value	8.71E+01	value
217	1	SOU217-010	Silver	1.00E+01	mg/kg	Grid Value	1.35E+01	value
217	1	SOU217-010	Vanadium	2.70E+01	mg/kg	Avg	3.00E+01	value
217	1	SOU217-010	Uranium-238	1.27E+00	pCi/g	Grid Value	1.09E+00	value
217	1	SOU217-011	Arsenic	8.33E+00	mg/kg	Grid Value	9.42E+00	value
217	1	SOU217-011	Chromium	4.13E+01	mg/kg	Grid Value	6.53E+01	value
217	1	SOU217-011	Cobalt	1.45E+01	mg/kg	Avg	1.64E+01	value
217	1	SOU217-011	Manganese	3.18E+02	mg/kg	Grid Value	9.97E+02	value
217	1	SOU217-011	Mercury	1.00E+01	mg/kg	Grid Value	7.37E+00	value
217	1	SOU217-011	Nickel	7.18E+01	mg/kg	Grid Value	8.71E+01	value
217	1	SOU217-011	Silver	1.00E+01	mg/kg	Grid Value	1.35E+01	value
217	1	SOU217-011	Vanadium	2.70E+01	mg/kg	Avg	3.00E+01	value
217	1	SOU217-011	Uranium-238	1.06E+00	pCi/g	Avg	1.09E+00	value
217	1	SOU217-012	Arsenic	1.07E+01	mg/kg	Grid Value	9.42E+00	value
217	1	SOU217-012	Chromium	4.99E+01	mg/kg	Grid Value	6.53E+01	value
217	1	SOU217-012	Cobalt	7.20E+00	mg/kg	Grid Value	1.64E+01	value
217	1	SOU217-012	Manganese	5.12E+02	mg/kg	Grid Value	9.97E+02	value
217	1	SOU217-012	Mercury	1.92E-02	mg/kg	Grid Value	7.37E+00	value
217	1	SOU217-012	Nickel	6.99E+01	mg/kg	Grid Value	8.71E+01	value
217	1	SOU217-012	Silver	2.00E-02	mg/kg	Grid Value	1.35E+01	value
217	1	SOU217-012	Vanadium	4.38E+01	mg/kg	Grid Value	3.00E+01	value
217	1	SOU217-012	Uranium-238	9.20E-01	pCi/g	Grid Value	1.09E+00	value
217	1	SOU217-013	Arsenic	6.22E+00	mg/kg	Grid Value	9.42E+00	value
217	1	SOU217-013	Chromium	5.41E+01	mg/kg	Grid Value	6.53E+01	value
217	1	SOU217-013	Cobalt	1.45E+01	mg/kg	Avg	1.64E+01	value
217	1	SOU217-013	Manganese	1.91E+02	mg/kg	Grid Value	9.97E+02	value
217	1	SOU217-013	Mercury	1.00E+01	mg/kg	Grid Value	7.37E+00	value
217	1	SOU217-013	Nickel	6.50E+01	mg/kg	Grid Value	8.71E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
217	1	SOU217-013	Silver	1.00E+01	mg/kg	Grid Value	1.35E+01	value
217	1	SOU217-013	Vanadium	2.70E+01	mg/kg	Avg	3.00E+01	value
217	1	SOU217-013	Uranium-238	1.06E+00	pCi/g	Avg	1.09E+00	value
217	1	SOU217-014A	Arsenic	5.00E+00	mg/kg	Grid Value	9.42E+00	UCL 95 or maximum value
217	1	SOU217-014A	Chromium	8.89E+01	mg/kg	Grid Value	6.53E+01	UCL 95 or maximum value
217	1	SOU217-014A	Cobalt	1.14E+01	mg/kg	Grid Value	1.64E+01	UCL 95 or maximum value
217	1	SOU217-014A	Manganese	6.15E+02	mg/kg	Grid Value	9.97E+02	UCL 95 or maximum value
217	1	SOU217-014A	Mercury	1.01E-02	mg/kg	Grid Value	7.37E+00	UCL 95 or maximum value
217	1	SOU217-014A	Nickel	2.38E+01	mg/kg	Grid Value	8.71E+01	UCL 95 or maximum value
217	1	SOU217-014A	Silver	2.60E-02	mg/kg	Grid Value	1.35E+01	UCL 95 or maximum value
217	1	SOU217-014A	Vanadium	1.63E+01	mg/kg	Grid Value	3.00E+01	UCL 95 or maximum value
217	1	SOU217-014A	Uranium-238	1.06E+00	pCi/g	Avg	1.09E+00	UCL 95 or maximum value
217	2	005C	1,1-Dichloroethene	1.70E-02	mg/kg	Avg	1.88E-02	value
217	2	005C	Aluminum	9.15E+03	mg/kg	Avg	1.02E+04	value
217	2	005C	Antimony	4.07E+00	mg/kg	Avg	3.10E+00	value
217	2	005C	Arsenic	6.41E+00	mg/kg	Grid Value	9.97E+00	value
217	2	005C	Beryllium	5.37E-01	mg/kg	Avg	5.85E-01	value
217	2	005C	Chromium	4.40E+01	mg/kg	Grid Value	6.61E+01	value
217	2	005C	Cobalt	3.98E+01	mg/kg	Avg	8.29E+01	value
217	2	005C	Iron	3.60E+04	mg/kg	Grid Value	3.04E+04	value
217	2	005C	Manganese	5.81E+02	mg/kg	Grid Value	9.50E+02	value
217	2	005C	Mercury	1.00E+01	mg/kg	Grid Value	9.20E+00	value
217	2	005C	Nickel	8.00E+01	mg/kg	Grid Value	7.88E+01	value
217	2	005C	Silver	1.00E+01	mg/kg	Grid Value	1.61E+01	value
217	2	005C	Total PAH	2.33E-01	mg/kg	Avg	4.06E-01	value
217	2	005C	Vanadium	2.64E+01	mg/kg	Avg	2.87E+01	value
217	2	005D	1,1-Dichloroethene	1.70E-02	mg/kg	Avg	1.88E-02	value
217	2	005D	Aluminum	9.15E+03	mg/kg	Avg	1.02E+04	value
217	2	005D	Antimony	4.07E+00	mg/kg	Avg	3.10E+00	value
217	2	005D	Arsenic	9.65E+00	mg/kg	Grid Value	9.97E+00	value
217	2	005D	Beryllium	5.37E-01	mg/kg	Avg	5.85E-01	value
217	2	005D	Chromium	3.48E+01	mg/kg	Grid Value	6.61E+01	value
217	2	005D	Cobalt	3.98E+01	mg/kg	Avg	8.29E+01	value
217	2	005D	Iron	2.56E+04	mg/kg	Grid Value	3.04E+04	value
217	2	005D	Manganese	4.23E+02	mg/kg	Grid Value	9.50E+02	value
217	2	005D	Mercury	1.00E+01	mg/kg	Grid Value	9.20E+00	value
217	2	005D	Nickel	1.11E+02	mg/kg	Grid Value	7.88E+01	value
217	2	005D	Silver	1.00E+01	mg/kg	Grid Value	1.61E+01	value
217	2	005D	Total PAH	2.33E-01	mg/kg	Avg	4.06E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
217	2	005D	Vanadium	2.64E+01	mg/kg	Avg	2.87E+01	value
217	2	005F	1,1-Dichloroethene	1.70E-02	mg/kg	Avg	1.88E-02	value
217	2	005F	Aluminum	8.19E+03	mg/kg	Grid Value	1.02E+04	value
217	2	005F	Antimony	2.00E+01	mg/kg	Grid Value	3.10E+00	value
217	2	005F	Arsenic	5.00E+00	mg/kg	Grid Value	9.97E+00	value
217	2	005F	Beryllium	5.00E-01	mg/kg	Grid Value	5.85E-01	value
217	2	005F	Chromium	1.39E+01	mg/kg	Grid Value	6.61E+01	value
217	2	005F	Cobalt	7.50E+00	mg/kg	Grid Value	8.29E+01	value
217	2	005F	Iron	1.28E+04	mg/kg	Grid Value	3.04E+04	value
217	2	005F	Manganese	3.85E+02	mg/kg	Grid Value	9.50E+02	value
217	2	005F	Mercury	2.00E-01	mg/kg	Grid Value	9.20E+00	value
217	2	005F	Nickel	1.38E+01	mg/kg	Grid Value	7.88E+01	value
217	2	005F	Silver	4.00E+00	mg/kg	Grid Value	1.61E+01	value
217	2	005F	Total PAH	2.33E-01	mg/kg	Avg	4.06E-01	value
217	2	005F	Vanadium	1.96E+01	mg/kg	Grid Value	2.87E+01	value
217	2	SOU217-006	1,1-Dichloroethene	1.70E-02	mg/kg	Avg	1.88E-02	value
217	2	SOU217-006	Aluminum	9.15E+03	mg/kg	Avg	1.02E+04	value
217	2	SOU217-006	Antimony	4.07E+00	mg/kg	Avg	3.10E+00	value
217	2	SOU217-006	Arsenic	7.03E+00	mg/kg	Grid Value	9.97E+00	value
217	2	SOU217-006	Beryllium	5.37E-01	mg/kg	Avg	5.85E-01	value
217	2	SOU217-006	Chromium	4.73E+01	mg/kg	Grid Value	6.61E+01	value
217	2	SOU217-006	Cobalt	3.98E+01	mg/kg	Avg	8.29E+01	value
217	2	SOU217-006	Iron	1.67E+04	mg/kg	Grid Value	3.04E+04	value
217	2	SOU217-006	Manganese	3.32E+02	mg/kg	Grid Value	9.50E+02	value
217	2	SOU217-006	Mercury	1.00E+01	mg/kg	Grid Value	9.20E+00	value
217	2	SOU217-006	Nickel	6.50E+01	mg/kg	Grid Value	7.88E+01	value
217	2	SOU217-006	Silver	1.00E+01	mg/kg	Grid Value	1.61E+01	value
217	2	SOU217-006	Total PAH	2.33E-01	mg/kg	Avg	4.06E-01	value
217	2	SOU217-006	Vanadium	2.64E+01	mg/kg	Avg	2.87E+01	value
217	2	SOU217-007	1,1-Dichloroethene	1.70E-02	mg/kg	Avg	1.88E-02	value
217	2	SOU217-007	Aluminum	5.69E+03	mg/kg	Grid Value	1.02E+04	value
217	2	SOU217-007	Antimony	3.90E-01	mg/kg	Grid Value	3.10E+00	value
217	2	SOU217-007	Arsenic	4.90E+00	mg/kg	Grid Value	9.97E+00	value
217	2	SOU217-007	Beryllium	3.00E-01	mg/kg	Grid Value	5.85E-01	value
217	2	SOU217-007	Chromium	3.68E+01	mg/kg	Grid Value	6.61E+01	value
217	2	SOU217-007	Cobalt	1.90E+02	mg/kg	Grid Value	8.29E+01	value
217	2	SOU217-007	Iron	1.82E+04	mg/kg	Grid Value	3.04E+04	value
217	2	SOU217-007	Manganese	1.69E+03	mg/kg	Grid Value	9.50E+02	value
217	2	SOU217-007	Mercury	3.14E-02	mg/kg	Grid Value	9.20E+00	value
217	2	SOU217-007	Nickel	2.96E+01	mg/kg	Grid Value	7.88E+01	value
217	2	SOU217-007	Silver	1.20E-02	mg/kg	Grid Value	1.61E+01	value
217	2	SOU217-007	Total PAH	8.10E-03	mg/kg	Grid Value	4.06E-01	value
217	2	SOU217-007	Vanadium	1.74E+01	mg/kg	Grid Value	2.87E+01	value
217	2	SOU217-008	1,1-Dichloroethene	1.70E-02	mg/kg	Avg	1.88E-02	value
217	2	SOU217-008	Aluminum	9.15E+03	mg/kg	Avg	1.02E+04	value
217	2	SOU217-008	Antimony	4.07E+00	mg/kg	Avg	3.10E+00	value
217	2	SOU217-008	Arsenic	8.49E+00	mg/kg	Grid Value	9.97E+00	value
217	2	SOU217-008	Beryllium	5.37E-01	mg/kg	Avg	5.85E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
217	2	SOU217-008	Chromium	4.73E+01	mg/kg	Grid Value	6.61E+01	value
217	2	SOU217-008	Cobalt	3.98E+01	mg/kg	Avg	8.29E+01	value
217	2	SOU217-008	Iron	1.43E+04	mg/kg	Grid Value	3.04E+04	value
217	2	SOU217-008	Manganese	2.55E+02	mg/kg	Grid Value	9.50E+02	value
217	2	SOU217-008	Mercury	8.59E+00	mg/kg	Grid Value	9.20E+00	value
217	2	SOU217-008	Nickel	6.50E+01	mg/kg	Grid Value	7.88E+01	value
217	2	SOU217-008	Silver	1.61E+01	mg/kg	Grid Value	1.61E+01	value
217	2	SOU217-008	Total PAH	2.33E-01	mg/kg	Avg	4.06E-01	value
217	2	SOU217-008	Vanadium	2.64E+01	mg/kg	Avg	2.87E+01	value
217	2	SOU217-009	1,1-Dichloroethene	1.70E-02	mg/kg	Avg	1.88E-02	value
217	2	SOU217-009	Aluminum	9.15E+03	mg/kg	Avg	1.02E+04	value
217	2	SOU217-009	Antimony	4.07E+00	mg/kg	Avg	3.10E+00	value
217	2	SOU217-009	Arsenic	5.86E+00	mg/kg	Grid Value	9.97E+00	value
217	2	SOU217-009	Beryllium	5.37E-01	mg/kg	Avg	5.85E-01	value
217	2	SOU217-009	Chromium	4.28E+01	mg/kg	Grid Value	6.61E+01	value
217	2	SOU217-009	Cobalt	3.98E+01	mg/kg	Avg	8.29E+01	value
217	2	SOU217-009	Iron	1.25E+04	mg/kg	Grid Value	3.04E+04	value
217	2	SOU217-009	Manganese	2.81E+02	mg/kg	Grid Value	9.50E+02	value
217	2	SOU217-009	Mercury	1.00E+01	mg/kg	Grid Value	9.20E+00	value
217	2	SOU217-009	Nickel	6.50E+01	mg/kg	Grid Value	7.88E+01	value
217	2	SOU217-009	Silver	1.00E+01	mg/kg	Grid Value	1.61E+01	value
217	2	SOU217-009	Total PAH	2.33E-01	mg/kg	Avg	4.06E-01	value
217	2	SOU217-009	Vanadium	2.64E+01	mg/kg	Avg	2.87E+01	value
217	2	SOU217-014	1,1-Dichloroethene	1.70E-02	mg/kg	Avg	1.88E-02	value
217	2	SOU217-014	Aluminum	9.15E+03	mg/kg	Avg	1.02E+04	value
217	2	SOU217-014	Antimony	4.07E+00	mg/kg	Avg	3.10E+00	value
217	2	SOU217-014	Arsenic	6.94E+00	mg/kg	Grid Value	9.97E+00	value
217	2	SOU217-014	Beryllium	5.37E-01	mg/kg	Avg	5.85E-01	value
217	2	SOU217-014	Chromium	4.67E+01	mg/kg	Grid Value	6.61E+01	value
217	2	SOU217-014	Cobalt	3.98E+01	mg/kg	Avg	8.29E+01	value
217	2	SOU217-014	Iron	1.77E+04	mg/kg	Grid Value	3.04E+04	value
217	2	SOU217-014	Manganese	2.05E+03	mg/kg	Grid Value	9.50E+02	value
217	2	SOU217-014	Mercury	1.00E+01	mg/kg	Grid Value	9.20E+00	value
217	2	SOU217-014	Nickel	6.44E+01	mg/kg	Grid Value	7.88E+01	value
217	2	SOU217-014	Silver	1.00E+01	mg/kg	Grid Value	1.61E+01	value
217	2	SOU217-014	Total PAH	2.33E-01	mg/kg	Avg	4.06E-01	value
217	2	SOU217-014	Vanadium	2.64E+01	mg/kg	Avg	2.87E+01	value
217	2	014B	1,1-Dichloroethene	1.70E-02	mg/kg	Avg	1.88E-02	value
217	2	014B	Aluminum	3.26E+03	mg/kg	Grid Value	1.02E+04	value
217	2	014B	Antimony	4.40E-01	mg/kg	Grid Value	3.10E+00	value
217	2	014B	Arsenic	7.41E+00	mg/kg	Grid Value	9.97E+00	value
217	2	014B	Beryllium	4.10E-01	mg/kg	Grid Value	5.85E-01	value
217	2	014B	Chromium	8.41E+01	mg/kg	Grid Value	6.61E+01	value
217	2	014B	Cobalt	1.87E+01	mg/kg	Grid Value	8.29E+01	value
217	2	014B	Iron	3.27E+04	mg/kg	Grid Value	3.04E+04	value
217	2	014B	Manganese	7.01E+02	mg/kg	Grid Value	9.50E+02	value
217	2	014B	Mercury	6.70E-03	mg/kg	Grid Value	9.20E+00	value
217	2	014B	Nickel	6.01E+01	mg/kg	Grid Value	7.88E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
217	2	014B	Silver	3.40E-02	mg/kg	Grid Value	1.61E+01	value
217	2	014B	Total PAH	2.33E-01	mg/kg	Avg	4.06E-01	value
217	2	014B	Vanadium	1.65E+01	mg/kg	Grid Value	2.87E+01	value
217	2	SOU217-015	1,1-Dichloroethene	1.70E-02	mg/kg	Avg	1.88E-02	value
217	2	SOU217-015	Aluminum	7.09E+03	mg/kg	Grid Value	1.02E+04	value
217	2	SOU217-015	Antimony	8.30E-01	mg/kg	Grid Value	3.10E+00	value
217	2	SOU217-015	Arsenic	2.13E+01	mg/kg	Grid Value	9.97E+00	value
217	2	SOU217-015	Beryllium	5.20E-01	mg/kg	Grid Value	5.85E-01	value
217	2	SOU217-015	Chromium	1.08E+02	mg/kg	Grid Value	6.61E+01	value
217	2	SOU217-015	Cobalt	1.81E+01	mg/kg	Grid Value	8.29E+01	value
217	2	SOU217-015	Iron	6.04E+04	mg/kg	Grid Value	3.04E+04	value
217	2	SOU217-015	Manganese	7.24E+02	mg/kg	Grid Value	9.50E+02	value
217	2	SOU217-015	Mercury	3.69E-02	mg/kg	Grid Value	9.20E+00	value
217	2	SOU217-015	Nickel	9.44E+01	mg/kg	Grid Value	7.88E+01	value
217	2	SOU217-015	Silver	1.39E+01	mg/kg	Grid Value	1.61E+01	value
217	2	SOU217-015	Total PAH	9.70E-03	mg/kg	Grid Value	4.06E-01	value
217	2	SOU217-015	Vanadium	2.68E+01	mg/kg	Grid Value	2.87E+01	value
217	2	SOU217-015A	1,1-Dichloroethene	1.70E-02	mg/kg	Avg	1.88E-02	UCL 95 or maximum value
217	2	SOU217-015A	Aluminum	9.15E+03	mg/kg	Avg	1.02E+04	UCL 95 or maximum value
217	2	SOU217-015A	Antimony	4.07E+00	mg/kg	Avg	3.10E+00	UCL 95 or maximum value
217	2	SOU217-015A	Arsenic	1.10E+01	mg/kg	Grid Value	9.97E+00	UCL 95 or maximum value
217	2	SOU217-015A	Beryllium	5.37E-01	mg/kg	Avg	5.85E-01	UCL 95 or maximum value
217	2	SOU217-015A	Chromium	3.94E+01	mg/kg	Grid Value	6.61E+01	UCL 95 or maximum value
217	2	SOU217-015A	Cobalt	3.98E+01	mg/kg	Avg	8.29E+01	UCL 95 or maximum value
217	2	SOU217-015A	Iron	2.65E+04	mg/kg	Grid Value	3.04E+04	UCL 95 or maximum value
217	2	SOU217-015A	Manganese	9.08E+02	mg/kg	Grid Value	9.50E+02	UCL 95 or maximum value
217	2	SOU217-015A	Mercury	9.20E+00	mg/kg	Grid Value	9.20E+00	UCL 95 or maximum value
217	2	SOU217-015A	Nickel	7.47E+01	mg/kg	Grid Value	7.88E+01	UCL 95 or maximum value
217	2	SOU217-015A	Silver	9.76E+00	mg/kg	Grid Value	1.61E+01	UCL 95 or maximum value
217	2	SOU217-015A	Total PAH	2.33E-01	mg/kg	Avg	4.06E-01	UCL 95 or maximum value
217	2	SOU217-015A	Vanadium	2.64E+01	mg/kg	Avg	2.87E+01	UCL 95 or maximum value
217	2	SOU217-016	1,1-Dichloroethene	1.70E-02	mg/kg	Avg	1.88E-02	value
217	2	SOU217-016	Aluminum	9.15E+03	mg/kg	Avg	1.02E+04	value
217	2	SOU217-016	Antimony	4.07E+00	mg/kg	Avg	3.10E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
217	2	SOU217-016	Arsenic	1.17E+01	mg/kg	Grid Value	9.97E+00	value
217	2	SOU217-016	Beryllium	5.37E-01	mg/kg	Avg	5.85E-01	value
217	2	SOU217-016	Chromium	8.50E+01	mg/kg	Grid Value	6.61E+01	value
217	2	SOU217-016	Cobalt	3.98E+01	mg/kg	Avg	8.29E+01	value
217	2	SOU217-016	Iron	3.67E+04	mg/kg	Grid Value	3.04E+04	value
217	2	SOU217-016	Manganese	1.25E+03	mg/kg	Grid Value	9.50E+02	value
217	2	SOU217-016	Mercury	1.00E+01	mg/kg	Grid Value	9.20E+00	value
217	2	SOU217-016	Nickel	6.50E+01	mg/kg	Grid Value	7.88E+01	value
217	2	SOU217-016	Silver	1.45E+01	mg/kg	Grid Value	1.61E+01	value
217	2	SOU217-016	Total PAH	2.33E-01	mg/kg	Avg	4.06E-01	value
217	2	SOU217-016	Vanadium	2.64E+01	mg/kg	Avg	2.87E+01	value
217	2	SOU217-016A	1,1-Dichloroethene	1.70E-02	mg/kg	Avg	1.88E-02	UCL 95 or maximum value
217	2	SOU217-016A	Aluminum	9.15E+03	mg/kg	Avg	1.02E+04	UCL 95 or maximum value
217	2	SOU217-016A	Antimony	4.07E+00	mg/kg	Avg	3.10E+00	UCL 95 or maximum value
217	2	SOU217-016A	Arsenic	1.10E+01	mg/kg	Grid Value	9.97E+00	UCL 95 or maximum value
217	2	SOU217-016A	Beryllium	5.37E-01	mg/kg	Avg	5.85E-01	UCL 95 or maximum value
217	2	SOU217-016A	Chromium	8.50E+01	mg/kg	Grid Value	6.61E+01	UCL 95 or maximum value
217	2	SOU217-016A	Cobalt	3.98E+01	mg/kg	Avg	8.29E+01	UCL 95 or maximum value
217	2	SOU217-016A	Iron	2.06E+04	mg/kg	Grid Value	3.04E+04	UCL 95 or maximum value
217	2	SOU217-016A	Manganese	3.68E+02	mg/kg	Grid Value	9.50E+02	UCL 95 or maximum value
217	2	SOU217-016A	Mercury	1.00E+01	mg/kg	Grid Value	9.20E+00	UCL 95 or maximum value
217	2	SOU217-016A	Nickel	6.50E+01	mg/kg	Grid Value	7.88E+01	UCL 95 or maximum value
217	2	SOU217-016A	Silver	1.00E+01	mg/kg	Grid Value	1.61E+01	UCL 95 or maximum value
217	2	SOU217-016A	Total PAH	2.33E-01	mg/kg	Avg	4.06E-01	UCL 95 or maximum value
217	2	SOU217-016A	Vanadium	2.64E+01	mg/kg	Avg	2.87E+01	UCL 95 or maximum value
217	2	016B	1,1-Dichloroethene	3.00E-02	mg/kg	Grid Value	1.88E-02	value
217	2	016B	Aluminum	1.34E+04	mg/kg	Grid Value	1.02E+04	value
217	2	016B	Antimony	1.00E+00	mg/kg	Grid Value	3.10E+00	value
217	2	016B	Arsenic	6.10E+00	mg/kg	Grid Value	9.97E+00	value
217	2	016B	Beryllium	8.80E-01	mg/kg	Grid Value	5.85E-01	value
217	2	016B	Chromium	3.30E+01	mg/kg	Grid Value	6.61E+01	value
217	2	016B	Cobalt	2.70E+01	mg/kg	Grid Value	8.29E+01	value
217	2	016B	Iron	3.98E+04	mg/kg	Grid Value	3.04E+04	value
217	2	016B	Manganese	8.56E+02	mg/kg	Grid Value	9.50E+02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
217	2	016B	Mercury	7.00E-02	mg/kg	Grid Value	9.20E+00	value
217	2	016B	Nickel	1.31E+02	mg/kg	Grid Value	7.88E+01	value
217	2	016B	Silver	3.00E-01	mg/kg	Grid Value	1.61E+01	value
217	2	016B	Total PAH	7.37E-01	mg/kg	Grid Value	4.06E-01	value
217	2	016B	Vanadium	3.79E+01	mg/kg	Grid Value	2.87E+01	value
217	2	016F	1,1-Dichloroethene	1.50E-02	mg/kg	Grid Value	1.88E-02	value
217	2	016F	Aluminum	1.44E+04	mg/kg	Grid Value	1.02E+04	value
217	2	016F	Antimony	2.70E+00	mg/kg	Grid Value	3.10E+00	value
217	2	016F	Arsenic	4.90E+00	mg/kg	Grid Value	9.97E+00	value
217	2	016F	Beryllium	5.10E-01	mg/kg	Grid Value	5.85E-01	value
217	2	016F	Chromium	1.79E+01	mg/kg	Grid Value	6.61E+01	value
217	2	016F	Cobalt	6.30E+00	mg/kg	Grid Value	8.29E+01	value
217	2	016F	Iron	1.61E+04	mg/kg	Grid Value	3.04E+04	value
217	2	016F	Manganese	2.71E+02	mg/kg	Grid Value	9.50E+02	value
217	2	016F	Mercury	3.67E-02	mg/kg	Grid Value	9.20E+00	value
217	2	016F	Nickel	1.26E+01	mg/kg	Grid Value	7.88E+01	value
217	2	016F	Silver	3.90E-02	mg/kg	Grid Value	1.61E+01	value
217	2	016F	Total PAH	4.00E-01	mg/kg	Grid Value	4.06E-01	value
217	2	016F	Vanadium	3.08E+01	mg/kg	Grid Value	2.87E+01	value
217	2	SOU217-017	1,1-Dichloroethene	6.00E-03	mg/kg	Grid Value	1.88E-02	value
217	2	SOU217-017	Aluminum	1.20E+04	mg/kg	Grid Value	1.02E+04	value
217	2	SOU217-017	Antimony	3.10E+00	mg/kg	Grid Value	3.10E+00	value
217	2	SOU217-017	Arsenic	6.10E+00	mg/kg	Grid Value	9.97E+00	value
217	2	SOU217-017	Beryllium	6.40E-01	mg/kg	Grid Value	5.85E-01	value
217	2	SOU217-017	Chromium	3.56E+01	mg/kg	Grid Value	6.61E+01	value
217	2	SOU217-017	Cobalt	1.09E+01	mg/kg	Grid Value	8.29E+01	value
217	2	SOU217-017	Iron	1.68E+04	mg/kg	Grid Value	3.04E+04	value
217	2	SOU217-017	Manganese	5.44E+02	mg/kg	Grid Value	9.50E+02	value
217	2	SOU217-017	Mercury	3.20E+00	mg/kg	Grid Value	9.20E+00	value
217	2	SOU217-017	Nickel	6.47E+01	mg/kg	Grid Value	7.88E+01	value
217	2	SOU217-017	Silver	4.90E-02	mg/kg	Grid Value	1.61E+01	value
217	2	SOU217-017	Total PAH	8.00E-03	mg/kg	Grid Value	4.06E-01	value
217	2	SOU217-017	Vanadium	3.59E+01	mg/kg	Grid Value	2.87E+01	value
217	2	SOU217-018	1,1-Dichloroethene	1.70E-02	mg/kg	Avg	1.88E-02	value
217	2	SOU217-018	Aluminum	9.15E+03	mg/kg	Avg	1.02E+04	value
217	2	SOU217-018	Antimony	4.07E+00	mg/kg	Avg	3.10E+00	value
217	2	SOU217-018	Arsenic	7.66E+00	mg/kg	Grid Value	9.97E+00	value
217	2	SOU217-018	Beryllium	5.37E-01	mg/kg	Avg	5.85E-01	value
217	2	SOU217-018	Chromium	8.50E+01	mg/kg	Grid Value	6.61E+01	value
217	2	SOU217-018	Cobalt	3.98E+01	mg/kg	Avg	8.29E+01	value
217	2	SOU217-018	Iron	1.64E+04	mg/kg	Grid Value	3.04E+04	value
217	2	SOU217-018	Manganese	4.25E+02	mg/kg	Grid Value	9.50E+02	value
217	2	SOU217-018	Mercury	1.00E+01	mg/kg	Grid Value	9.20E+00	value
217	2	SOU217-018	Nickel	6.18E+01	mg/kg	Grid Value	7.88E+01	value
217	2	SOU217-018	Silver	1.01E+01	mg/kg	Grid Value	1.61E+01	value
217	2	SOU217-018	Total PAH	2.33E-01	mg/kg	Avg	4.06E-01	value
217	2	SOU217-018	Vanadium	2.64E+01	mg/kg	Avg	2.87E+01	value
221	1	SOU221-001	Aluminum	4.17E+03	mg/kg	Grid Value	2.36E+04	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
221	1	SOU221-001	Antimony	3.00E-01	mg/kg	Grid Value	5.78E-01	value
221	1	SOU221-001	Arsenic	2.60E+00	mg/kg	Grid Value	1.24E+01	value
221	1	SOU221-001	Barium	2.21E+02	mg/kg	Grid Value	8.64E+02	value
221	1	SOU221-001	Beryllium	1.70E-01	mg/kg	Grid Value	1.55E+00	value
221	1	SOU221-001	Chromium	1.89E+01	mg/kg	Grid Value	6.57E+01	value
221	1	SOU221-001	Cobalt	2.20E+00	mg/kg	Grid Value	7.22E+01	value
221	1	SOU221-001	Iron	7.20E+03	mg/kg	Grid Value	3.86E+04	value
221	1	SOU221-001	Manganese	1.92E+02	mg/kg	Grid Value	4.39E+03	value
221	1	SOU221-001	Mercury	1.21E-02	mg/kg	Grid Value	1.23E+01	value
221	1	SOU221-001	Nickel	7.70E+00	mg/kg	Grid Value	9.46E+01	value
221	1	SOU221-001	PCB, Total	3.20E-01	mg/kg	Grid Value	5.00E-01	value
221	1	SOU221-001	Silver	4.30E-02	mg/kg	Grid Value	9.74E+00	value
221	1	SOU221-001	Thallium	1.30E-01	mg/kg	Grid Value	1.24E+00	value
221	1	SOU221-001	Total PAH	1.02E+00	mg/kg	Grid Value	1.02E+00	value
221	1	SOU221-001	Uranium	5.79E+00	mg/kg	Grid Value	1.46E+01	value
221	1	SOU221-001	Vanadium	1.04E+01	mg/kg	Grid Value	5.36E+01	value
221	1	SOU221-001	Uranium-238	1.93E+00	pCi/g	Grid Value	1.93E+00	value
221	1	SOU221-001A	Aluminum	1.95E+04	mg/kg	Avg	2.36E+04	UCL 95 or maximum value
221	1	SOU221-001A	Antimony	5.05E-01	mg/kg	Avg	5.78E-01	UCL 95 or maximum value
221	1	SOU221-001A	Arsenic	1.01E+01	mg/kg	Avg	1.24E+01	UCL 95 or maximum value
221	1	SOU221-001A	Barium	5.27E+02	mg/kg	Avg	8.64E+02	UCL 95 or maximum value
221	1	SOU221-001A	Beryllium	1.03E+00	mg/kg	Avg	1.55E+00	UCL 95 or maximum value
221	1	SOU221-001A	Chromium	5.84E+01	mg/kg	Avg	6.57E+01	UCL 95 or maximum value
221	1	SOU221-001A	Cobalt	4.05E+01	mg/kg	Avg	7.22E+01	UCL 95 or maximum value
221	1	SOU221-001A	Iron	2.03E+04	mg/kg	Avg	3.86E+04	UCL 95 or maximum value
221	1	SOU221-001A	Manganese	1.11E+03	mg/kg	Avg	4.39E+03	UCL 95 or maximum value
221	1	SOU221-001A	Mercury	8.62E+00	mg/kg	Avg	1.23E+01	UCL 95 or maximum value
221	1	SOU221-001A	Nickel	6.56E+01	mg/kg	Avg	9.46E+01	UCL 95 or maximum value
221	1	SOU221-001A	PCB, Total	5.00E-01	mg/kg	Grid Value	5.00E-01	UCL 95 or maximum value
221	1	SOU221-001A	Silver	7.50E+00	mg/kg	Avg	9.74E+00	UCL 95 or maximum value
221	1	SOU221-001A	Thallium	7.25E-01	mg/kg	Avg	1.24E+00	UCL 95 or maximum value
221	1	SOU221-001A	Total PAH	1.02E+00	mg/kg	Avg	1.02E+00	UCL 95 or maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
221	1	SOU221-001A	Uranium	1.22E+01	mg/kg	Avg	1.46E+01	UCL 95 or maximum value
221	1	SOU221-001A	Vanadium	4.57E+01	mg/kg	Avg	5.36E+01	UCL 95 or maximum value
221	1	SOU221-001A	Uranium-238	1.93E+00	pCi/g	Avg	1.93E+00	UCL 95 or maximum value
221	1	SOU221-003	Aluminum	1.95E+04	mg/kg	Avg	2.36E+04	value
221	1	SOU221-003	Antimony	5.05E-01	mg/kg	Avg	5.78E-01	value
221	1	SOU221-003	Arsenic	6.69E+00	mg/kg	Grid Value	1.24E+01	value
221	1	SOU221-003	Barium	5.27E+02	mg/kg	Avg	8.64E+02	value
221	1	SOU221-003	Beryllium	1.03E+00	mg/kg	Avg	1.55E+00	value
221	1	SOU221-003	Chromium	5.94E+01	mg/kg	Grid Value	6.57E+01	value
221	1	SOU221-003	Cobalt	4.05E+01	mg/kg	Avg	7.22E+01	value
221	1	SOU221-003	Iron	1.29E+04	mg/kg	Grid Value	3.86E+04	value
221	1	SOU221-003	Manganese	1.50E+02	mg/kg	Grid Value	4.39E+03	value
221	1	SOU221-003	Mercury	1.00E+01	mg/kg	Grid Value	1.23E+01	value
221	1	SOU221-003	Nickel	6.50E+01	mg/kg	Grid Value	9.46E+01	value
221	1	SOU221-003	PCB, Total	5.00E+00	mg/kg	Grid Value	5.00E-01	value
221	1	SOU221-003	Silver	1.00E+01	mg/kg	Grid Value	9.74E+00	value
221	1	SOU221-003	Thallium	7.25E-01	mg/kg	Avg	1.24E+00	value
221	1	SOU221-003	Total PAH	1.02E+00	mg/kg	Avg	1.02E+00	value
221	1	SOU221-003	Uranium	9.41E+00	mg/kg	Grid Value	1.46E+01	value
221	1	SOU221-003	Vanadium	4.57E+01	mg/kg	Avg	5.36E+01	value
221	1	SOU221-003	Uranium-238	1.93E+00	pCi/g	Avg	1.93E+00	value
221	1	003B	Aluminum	1.95E+04	mg/kg	Avg	2.36E+04	value
221	1	003B	Antimony	5.05E-01	mg/kg	Avg	5.78E-01	value
221	1	003B	Arsenic	1.10E+01	mg/kg	Grid Value	1.24E+01	value
221	1	003B	Barium	5.27E+02	mg/kg	Avg	8.64E+02	value
221	1	003B	Beryllium	1.03E+00	mg/kg	Avg	1.55E+00	value
221	1	003B	Chromium	8.50E+01	mg/kg	Grid Value	6.57E+01	value
221	1	003B	Cobalt	4.05E+01	mg/kg	Avg	7.22E+01	value
221	1	003B	Iron	1.42E+04	mg/kg	Grid Value	3.86E+04	value
221	1	003B	Manganese	2.04E+02	mg/kg	Grid Value	4.39E+03	value
221	1	003B	Mercury	1.00E+01	mg/kg	Grid Value	1.23E+01	value
221	1	003B	Nickel	6.50E+01	mg/kg	Grid Value	9.46E+01	value
221	1	003B	PCB, Total	5.00E+00	mg/kg	Grid Value	5.00E-01	value
221	1	003B	Silver	1.00E+01	mg/kg	Grid Value	9.74E+00	value
221	1	003B	Thallium	7.25E-01	mg/kg	Avg	1.24E+00	value
221	1	003B	Total PAH	1.02E+00	mg/kg	Avg	1.02E+00	value
221	1	003B	Uranium	7.94E+00	mg/kg	Grid Value	1.46E+01	value
221	1	003B	Vanadium	4.57E+01	mg/kg	Avg	5.36E+01	value
221	1	003B	Uranium-238	1.93E+00	pCi/g	Avg	1.93E+00	value
221	1	003C	Aluminum	1.04E+04	mg/kg	Grid Value	2.36E+04	value
221	1	003C	Antimony	3.70E-01	mg/kg	Grid Value	5.78E-01	value
221	1	003C	Arsenic	1.42E+01	mg/kg	Grid Value	1.24E+01	value
221	1	003C	Barium	1.36E+02	mg/kg	Grid Value	8.64E+02	value
221	1	003C	Beryllium	8.30E-01	mg/kg	Grid Value	1.55E+00	value
221	1	003C	Chromium	3.54E+01	mg/kg	Grid Value	6.57E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
221	1	003C	Cobalt	1.08E+01	mg/kg	Grid Value	7.22E+01	value
221	1	003C	Iron	2.58E+04	mg/kg	Grid Value	3.86E+04	value
221	1	003C	Manganese	7.22E+02	mg/kg	Grid Value	4.39E+03	value
221	1	003C	Mercury	6.87E+00	mg/kg	Grid Value	1.23E+01	value
221	1	003C	Nickel	1.37E+01	mg/kg	Grid Value	9.46E+01	value
221	1	003C	PCB, Total	4.08E+00	mg/kg	Avg	5.00E-01	value
221	1	003C	Silver	2.30E-02	mg/kg	Grid Value	9.74E+00	value
221	1	003C	Thallium	2.00E-01	mg/kg	Grid Value	1.24E+00	value
221	1	003C	Total PAH	1.02E+00	mg/kg	Avg	1.02E+00	value
221	1	003C	Uranium	1.30E+00	mg/kg	Grid Value	1.46E+01	value
221	1	003C	Vanadium	3.81E+01	mg/kg	Grid Value	5.36E+01	value
221	1	003C	Uranium-238	1.93E+00	pCi/g	Avg	1.93E+00	value
221	1	SOU221-004	Aluminum	1.95E+04	mg/kg	Avg	2.36E+04	value
221	1	SOU221-004	Antimony	5.05E-01	mg/kg	Avg	5.78E-01	value
221	1	SOU221-004	Arsenic	7.78E+00	mg/kg	Grid Value	1.24E+01	value
221	1	SOU221-004	Barium	5.27E+02	mg/kg	Avg	8.64E+02	value
221	1	SOU221-004	Beryllium	1.03E+00	mg/kg	Avg	1.55E+00	value
221	1	SOU221-004	Chromium	4.64E+01	mg/kg	Grid Value	6.57E+01	value
221	1	SOU221-004	Cobalt	4.05E+01	mg/kg	Avg	7.22E+01	value
221	1	SOU221-004	Iron	1.47E+04	mg/kg	Grid Value	3.86E+04	value
221	1	SOU221-004	Manganese	2.62E+02	mg/kg	Grid Value	4.39E+03	value
221	1	SOU221-004	Mercury	1.00E+01	mg/kg	Grid Value	1.23E+01	value
221	1	SOU221-004	Nickel	6.50E+01	mg/kg	Grid Value	9.46E+01	value
221	1	SOU221-004	PCB, Total	5.00E+00	mg/kg	Grid Value	5.00E-01	value
221	1	SOU221-004	Silver	1.00E+01	mg/kg	Grid Value	9.74E+00	value
221	1	SOU221-004	Thallium	7.25E-01	mg/kg	Avg	1.24E+00	value
221	1	SOU221-004	Total PAH	1.02E+00	mg/kg	Avg	1.02E+00	value
221	1	SOU221-004	Uranium	2.00E+01	mg/kg	Grid Value	1.46E+01	value
221	1	SOU221-004	Vanadium	4.57E+01	mg/kg	Avg	5.36E+01	value
221	1	SOU221-004	Uranium-238	1.93E+00	pCi/g	Avg	1.93E+00	value
221	1	SOU221-004A	Aluminum	1.95E+04	mg/kg	Avg	2.36E+04	UCL 95 or maximum value
221	1	SOU221-004A	Antimony	5.05E-01	mg/kg	Avg	5.78E-01	UCL 95 or maximum value
221	1	SOU221-004A	Arsenic	1.10E+01	mg/kg	Grid Value	1.24E+01	UCL 95 or maximum value
221	1	SOU221-004A	Barium	5.27E+02	mg/kg	Avg	8.64E+02	UCL 95 or maximum value
221	1	SOU221-004A	Beryllium	1.03E+00	mg/kg	Avg	1.55E+00	UCL 95 or maximum value
221	1	SOU221-004A	Chromium	5.89E+01	mg/kg	Grid Value	6.57E+01	UCL 95 or maximum value
221	1	SOU221-004A	Cobalt	4.05E+01	mg/kg	Avg	7.22E+01	UCL 95 or maximum value
221	1	SOU221-004A	Iron	1.27E+04	mg/kg	Grid Value	3.86E+04	UCL 95 or maximum value
221	1	SOU221-004A	Manganese	2.11E+02	mg/kg	Grid Value	4.39E+03	UCL 95 or maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
221	1	SOU221-004A	Mercury	1.00E+01	mg/kg	Grid Value	1.23E+01	UCL 95 or maximum value
221	1	SOU221-004A	Nickel	6.50E+01	mg/kg	Grid Value	9.46E+01	UCL 95 or maximum value
221	1	SOU221-004A	PCB, Total	5.00E+00	mg/kg	Grid Value	5.00E-01	UCL 95 or maximum value
221	1	SOU221-004A	Silver	1.00E+01	mg/kg	Grid Value	9.74E+00	UCL 95 or maximum value
221	1	SOU221-004A	Thallium	7.25E-01	mg/kg	Avg	1.24E+00	UCL 95 or maximum value
221	1	SOU221-004A	Total PAH	1.02E+00	mg/kg	Avg	1.02E+00	UCL 95 or maximum value
221	1	SOU221-004A	Uranium	1.36E+01	mg/kg	Grid Value	1.46E+01	UCL 95 or maximum value
221	1	SOU221-004A	Vanadium	4.57E+01	mg/kg	Avg	5.36E+01	UCL 95 or maximum value
221	1	SOU221-004A	Uranium-238	1.93E+00	pCi/g	Avg	1.93E+00	UCL 95 or maximum value
221	1	004B	Aluminum	1.95E+04	mg/kg	Avg	2.36E+04	value
221	1	004B	Antimony	5.05E-01	mg/kg	Avg	5.78E-01	value
221	1	004B	Arsenic	1.10E+01	mg/kg	Grid Value	1.24E+01	value
221	1	004B	Barium	5.27E+02	mg/kg	Avg	8.64E+02	value
221	1	004B	Beryllium	1.03E+00	mg/kg	Avg	1.55E+00	value
221	1	004B	Chromium	7.20E+01	mg/kg	Grid Value	6.57E+01	value
221	1	004B	Cobalt	4.05E+01	mg/kg	Avg	7.22E+01	value
221	1	004B	Iron	1.55E+04	mg/kg	Grid Value	3.86E+04	value
221	1	004B	Manganese	1.56E+02	mg/kg	Grid Value	4.39E+03	value
221	1	004B	Mercury	1.00E+01	mg/kg	Grid Value	1.23E+01	value
221	1	004B	Nickel	7.91E+01	mg/kg	Grid Value	9.46E+01	value
221	1	004B	PCB, Total	5.00E+00	mg/kg	Grid Value	5.00E-01	value
221	1	004B	Silver	1.00E+01	mg/kg	Grid Value	9.74E+00	value
221	1	004B	Thallium	7.25E-01	mg/kg	Avg	1.24E+00	value
221	1	004B	Total PAH	1.02E+00	mg/kg	Avg	1.02E+00	value
221	1	004B	Uranium	2.00E+01	mg/kg	Grid Value	1.46E+01	value
221	1	004B	Vanadium	4.57E+01	mg/kg	Avg	5.36E+01	value
221	1	004B	Uranium-238	1.93E+00	pCi/g	Avg	1.93E+00	value
221	1	004C	Aluminum	1.95E+04	mg/kg	Avg	2.36E+04	value
221	1	004C	Antimony	5.05E-01	mg/kg	Avg	5.78E-01	value
221	1	004C	Arsenic	1.10E+01	mg/kg	Grid Value	1.24E+01	value
221	1	004C	Barium	5.27E+02	mg/kg	Avg	8.64E+02	value
221	1	004C	Beryllium	1.03E+00	mg/kg	Avg	1.55E+00	value
221	1	004C	Chromium	7.28E+01	mg/kg	Grid Value	6.57E+01	value
221	1	004C	Cobalt	4.05E+01	mg/kg	Avg	7.22E+01	value
221	1	004C	Iron	1.27E+04	mg/kg	Grid Value	3.86E+04	value
221	1	004C	Manganese	1.75E+02	mg/kg	Grid Value	4.39E+03	value
221	1	004C	Mercury	1.00E+01	mg/kg	Grid Value	1.23E+01	value
221	1	004C	Nickel	6.50E+01	mg/kg	Grid Value	9.46E+01	value
221	1	004C	PCB, Total	5.00E+00	mg/kg	Grid Value	5.00E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
221	1	004C	Silver	1.00E+01	mg/kg	Grid Value	9.74E+00	value
221	1	004C	Thallium	7.25E-01	mg/kg	Avg	1.24E+00	value
221	1	004C	Total PAH	1.02E+00	mg/kg	Avg	1.02E+00	value
221	1	004C	Uranium	1.30E+01	mg/kg	Grid Value	1.46E+01	value
221	1	004C	Vanadium	4.57E+01	mg/kg	Avg	5.36E+01	value
221	1	004C	Uranium-238	1.93E+00	pCi/g	Avg	1.93E+00	value
221	1	004D	Aluminum	1.06E+04	mg/kg	Grid Value	2.36E+04	value
221	1	004D	Antimony	2.50E-01	mg/kg	Grid Value	5.78E-01	value
221	1	004D	Arsenic	8.00E+00	mg/kg	Grid Value	1.24E+01	value
221	1	004D	Barium	1.21E+02	mg/kg	Grid Value	8.64E+02	value
221	1	004D	Beryllium	4.10E-01	mg/kg	Grid Value	1.55E+00	value
221	1	004D	Chromium	5.09E+01	mg/kg	Grid Value	6.57E+01	value
221	1	004D	Cobalt	5.10E+00	mg/kg	Grid Value	7.22E+01	value
221	1	004D	Iron	1.56E+04	mg/kg	Grid Value	3.86E+04	value
221	1	004D	Manganese	4.44E+02	mg/kg	Grid Value	4.39E+03	value
221	1	004D	Mercury	8.64E+00	mg/kg	Grid Value	1.23E+01	value
221	1	004D	Nickel	6.38E+01	mg/kg	Grid Value	9.46E+01	value
221	1	004D	PCB, Total	4.08E+00	mg/kg	Avg	5.00E-01	value
221	1	004D	Silver	3.00E-02	mg/kg	Grid Value	9.74E+00	value
221	1	004D	Thallium	1.70E-01	mg/kg	Grid Value	1.24E+00	value
221	1	004D	Total PAH	1.02E+00	mg/kg	Avg	1.02E+00	value
221	1	004D	Uranium	1.15E+01	mg/kg	Grid Value	1.46E+01	value
221	1	004D	Vanadium	2.62E+01	mg/kg	Grid Value	5.36E+01	value
221	1	004D	Uranium-238	1.93E+00	pCi/g	Avg	1.93E+00	value
221	1	004E	Aluminum	1.95E+04	mg/kg	Avg	2.36E+04	value
221	1	004E	Antimony	5.05E-01	mg/kg	Avg	5.78E-01	value
221	1	004E	Arsenic	1.10E+01	mg/kg	Grid Value	1.24E+01	value
221	1	004E	Barium	5.27E+02	mg/kg	Avg	8.64E+02	value
221	1	004E	Beryllium	1.03E+00	mg/kg	Avg	1.55E+00	value
221	1	004E	Chromium	8.50E+01	mg/kg	Grid Value	6.57E+01	value
221	1	004E	Cobalt	4.05E+01	mg/kg	Avg	7.22E+01	value
221	1	004E	Iron	1.36E+04	mg/kg	Grid Value	3.86E+04	value
221	1	004E	Manganese	3.28E+02	mg/kg	Grid Value	4.39E+03	value
221	1	004E	Mercury	1.00E+01	mg/kg	Grid Value	1.23E+01	value
221	1	004E	Nickel	8.03E+01	mg/kg	Grid Value	9.46E+01	value
221	1	004E	PCB, Total	4.08E+00	mg/kg	Avg	5.00E-01	value
221	1	004E	Silver	1.00E+01	mg/kg	Grid Value	9.74E+00	value
221	1	004E	Thallium	7.25E-01	mg/kg	Avg	1.24E+00	value
221	1	004E	Total PAH	1.02E+00	mg/kg	Avg	1.02E+00	value
221	1	004E	Uranium	2.00E+01	mg/kg	Grid Value	1.46E+01	value
221	1	004E	Vanadium	4.57E+01	mg/kg	Avg	5.36E+01	value
221	1	004E	Uranium-238	1.93E+00	pCi/g	Avg	1.93E+00	value
221	1	SOU221-005	Aluminum	1.95E+04	mg/kg	Avg	2.36E+04	value
221	1	SOU221-005	Antimony	5.05E-01	mg/kg	Avg	5.78E-01	value
221	1	SOU221-005	Arsenic	7.47E+00	mg/kg	Grid Value	1.24E+01	value
221	1	SOU221-005	Barium	5.27E+02	mg/kg	Avg	8.64E+02	value
221	1	SOU221-005	Beryllium	1.03E+00	mg/kg	Avg	1.55E+00	value
221	1	SOU221-005	Chromium	6.22E+01	mg/kg	Grid Value	6.57E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
221	1	SOU221-005	Cobalt	4.05E+01	mg/kg	Avg	7.22E+01	value
221	1	SOU221-005	Iron	1.30E+04	mg/kg	Grid Value	3.86E+04	value
221	1	SOU221-005	Manganese	3.26E+02	mg/kg	Grid Value	4.39E+03	value
221	1	SOU221-005	Mercury	1.00E+01	mg/kg	Grid Value	1.23E+01	value
221	1	SOU221-005	Nickel	6.50E+01	mg/kg	Grid Value	9.46E+01	value
221	1	SOU221-005	PCB, Total	5.00E+00	mg/kg	Grid Value	5.00E-01	value
221	1	SOU221-005	Silver	9.74E+00	mg/kg	Grid Value	9.74E+00	value
221	1	SOU221-005	Thallium	7.25E-01	mg/kg	Avg	1.24E+00	value
221	1	SOU221-005	Total PAH	1.02E+00	mg/kg	Avg	1.02E+00	value
221	1	SOU221-005	Uranium	1.33E+01	mg/kg	Grid Value	1.46E+01	value
221	1	SOU221-005	Vanadium	4.57E+01	mg/kg	Avg	5.36E+01	value
221	1	SOU221-005	Uranium-238	1.93E+00	pCi/g	Avg	1.93E+00	value
221	1	SOU221-005A	Aluminum	5.28E+04	mg/kg	Grid Value	2.36E+04	UCL 95 or maximum value
221	1	SOU221-005A	Antimony	1.10E+00	mg/kg	Grid Value	5.78E-01	UCL 95 or maximum value
221	1	SOU221-005A	Arsenic	2.84E+01	mg/kg	Grid Value	1.24E+01	UCL 95 or maximum value
221	1	SOU221-005A	Barium	1.63E+03	mg/kg	Grid Value	8.64E+02	UCL 95 or maximum value
221	1	SOU221-005A	Beryllium	2.70E+00	mg/kg	Grid Value	1.55E+00	UCL 95 or maximum value
221	1	SOU221-005A	Chromium	6.90E+01	mg/kg	Grid Value	6.57E+01	UCL 95 or maximum value
221	1	SOU221-005A	Cobalt	1.44E+02	mg/kg	Grid Value	7.22E+01	UCL 95 or maximum value
221	1	SOU221-005A	Iron	7.99E+04	mg/kg	Grid Value	3.86E+04	UCL 95 or maximum value
221	1	SOU221-005A	Manganese	1.31E+04	mg/kg	Grid Value	4.39E+03	UCL 95 or maximum value
221	1	SOU221-005A	Mercury	6.42E-02	mg/kg	Grid Value	1.23E+01	UCL 95 or maximum value
221	1	SOU221-005A	Nickel	1.39E+02	mg/kg	Grid Value	9.46E+01	UCL 95 or maximum value
221	1	SOU221-005A	PCB, Total	4.08E+00	mg/kg	Avg	5.00E-01	UCL 95 or maximum value
221	1	SOU221-005A	Silver	1.10E-01	mg/kg	Grid Value	9.74E+00	UCL 95 or maximum value
221	1	SOU221-005A	Thallium	2.40E+00	mg/kg	Grid Value	1.24E+00	UCL 95 or maximum value
221	1	SOU221-005A	Total PAH	1.02E+00	mg/kg	Avg	1.02E+00	UCL 95 or maximum value
221	1	SOU221-005A	Uranium	8.10E+00	mg/kg	Grid Value	1.46E+01	UCL 95 or maximum value
221	1	SOU221-005A	Vanadium	1.08E+02	mg/kg	Grid Value	5.36E+01	UCL 95 or maximum value
221	1	SOU221-005A	Uranium-238	1.93E+00	pCi/g	Avg	1.93E+00	UCL 95 or maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
221	1	005B	Aluminum	1.95E+04	mg/kg	Avg	2.36E+04	value
221	1	005B	Antimony	5.05E-01	mg/kg	Avg	5.78E-01	value
221	1	005B	Arsenic	6.20E+00	mg/kg	Grid Value	1.24E+01	value
221	1	005B	Barium	5.27E+02	mg/kg	Avg	8.64E+02	value
221	1	005B	Beryllium	1.03E+00	mg/kg	Avg	1.55E+00	value
221	1	005B	Chromium	4.81E+01	mg/kg	Grid Value	6.57E+01	value
221	1	005B	Cobalt	4.05E+01	mg/kg	Avg	7.22E+01	value
221	1	005B	Iron	1.28E+04	mg/kg	Grid Value	3.86E+04	value
221	1	005B	Manganese	3.36E+02	mg/kg	Grid Value	4.39E+03	value
221	1	005B	Mercury	1.00E+01	mg/kg	Grid Value	1.23E+01	value
221	1	005B	Nickel	6.50E+01	mg/kg	Grid Value	9.46E+01	value
221	1	005B	PCB, Total	4.08E+00	mg/kg	Avg	5.00E-01	value
221	1	005B	Silver	1.00E+01	mg/kg	Grid Value	9.74E+00	value
221	1	005B	Thallium	7.25E-01	mg/kg	Avg	1.24E+00	value
221	1	005B	Total PAH	1.02E+00	mg/kg	Avg	1.02E+00	value
221	1	005B	Uranium	2.00E+01	mg/kg	Grid Value	1.46E+01	value
221	1	005B	Vanadium	4.57E+01	mg/kg	Avg	5.36E+01	value
221	1	005B	Uranium-238	1.93E+00	pCi/g	Avg	1.93E+00	value
221	1	005C	Aluminum	1.95E+04	mg/kg	Avg	2.36E+04	value
221	1	005C	Antimony	5.05E-01	mg/kg	Avg	5.78E-01	value
221	1	005C	Arsenic	1.08E+01	mg/kg	Grid Value	1.24E+01	value
221	1	005C	Barium	5.27E+02	mg/kg	Avg	8.64E+02	value
221	1	005C	Beryllium	1.03E+00	mg/kg	Avg	1.55E+00	value
221	1	005C	Chromium	6.23E+01	mg/kg	Grid Value	6.57E+01	value
221	1	005C	Cobalt	4.05E+01	mg/kg	Avg	7.22E+01	value
221	1	005C	Iron	1.64E+04	mg/kg	Grid Value	3.86E+04	value
221	1	005C	Manganese	2.51E+02	mg/kg	Grid Value	4.39E+03	value
221	1	005C	Mercury	1.00E+01	mg/kg	Grid Value	1.23E+01	value
221	1	005C	Nickel	6.50E+01	mg/kg	Grid Value	9.46E+01	value
221	1	005C	PCB, Total	5.00E+00	mg/kg	Grid Value	5.00E-01	value
221	1	005C	Silver	1.00E+01	mg/kg	Grid Value	9.74E+00	value
221	1	005C	Thallium	7.25E-01	mg/kg	Avg	1.24E+00	value
221	1	005C	Total PAH	1.02E+00	mg/kg	Avg	1.02E+00	value
221	1	005C	Uranium	7.91E+00	mg/kg	Grid Value	1.46E+01	value
221	1	005C	Vanadium	4.57E+01	mg/kg	Avg	5.36E+01	value
221	1	005C	Uranium-238	1.93E+00	pCi/g	Avg	1.93E+00	value
221	1	005D	Aluminum	1.95E+04	mg/kg	Avg	2.36E+04	value
221	1	005D	Antimony	5.05E-01	mg/kg	Avg	5.78E-01	value
221	1	005D	Arsenic	6.73E+00	mg/kg	Grid Value	1.24E+01	value
221	1	005D	Barium	5.27E+02	mg/kg	Avg	8.64E+02	value
221	1	005D	Beryllium	1.03E+00	mg/kg	Avg	1.55E+00	value
221	1	005D	Chromium	4.03E+01	mg/kg	Grid Value	6.57E+01	value
221	1	005D	Cobalt	4.05E+01	mg/kg	Avg	7.22E+01	value
221	1	005D	Iron	1.47E+04	mg/kg	Grid Value	3.86E+04	value
221	1	005D	Manganese	4.52E+02	mg/kg	Grid Value	4.39E+03	value
221	1	005D	Mercury	1.23E+01	mg/kg	Grid Value	1.23E+01	value
221	1	005D	Nickel	8.05E+01	mg/kg	Grid Value	9.46E+01	value
221	1	005D	PCB, Total	4.08E+00	mg/kg	Avg	5.00E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
221	1	005D	Silver	1.00E+01	mg/kg	Grid Value	9.74E+00	value
221	1	005D	Thallium	7.25E-01	mg/kg	Avg	1.24E+00	value
221	1	005D	Total PAH	1.02E+00	mg/kg	Avg	1.02E+00	value
221	1	005D	Uranium	7.68E+00	mg/kg	Grid Value	1.46E+01	value
221	1	005D	Vanadium	4.57E+01	mg/kg	Avg	5.36E+01	value
221	1	005D	Uranium-238	1.93E+00	pCi/g	Avg	1.93E+00	value
221	1	005E	Aluminum	1.95E+04	mg/kg	Avg	2.36E+04	value
221	1	005E	Antimony	5.05E-01	mg/kg	Avg	5.78E-01	value
221	1	005E	Arsenic	7.08E+00	mg/kg	Grid Value	1.24E+01	value
221	1	005E	Barium	5.27E+02	mg/kg	Avg	8.64E+02	value
221	1	005E	Beryllium	1.03E+00	mg/kg	Avg	1.55E+00	value
221	1	005E	Chromium	6.74E+01	mg/kg	Grid Value	6.57E+01	value
221	1	005E	Cobalt	4.05E+01	mg/kg	Avg	7.22E+01	value
221	1	005E	Iron	4.35E+04	mg/kg	Grid Value	3.86E+04	value
221	1	005E	Manganese	4.12E+02	mg/kg	Grid Value	4.39E+03	value
221	1	005E	Mercury	1.00E+01	mg/kg	Grid Value	1.23E+01	value
221	1	005E	Nickel	6.50E+01	mg/kg	Grid Value	9.46E+01	value
221	1	005E	PCB, Total	4.08E+00	mg/kg	Avg	5.00E-01	value
221	1	005E	Silver	1.00E+01	mg/kg	Grid Value	9.74E+00	value
221	1	005E	Thallium	7.25E-01	mg/kg	Avg	1.24E+00	value
221	1	005E	Total PAH	1.02E+00	mg/kg	Avg	1.02E+00	value
221	1	005E	Uranium	1.64E+01	mg/kg	Grid Value	1.46E+01	value
221	1	005E	Vanadium	4.57E+01	mg/kg	Avg	5.36E+01	value
221	1	005E	Uranium-238	1.93E+00	pCi/g	Avg	1.93E+00	value
222	1	SOU222-001	Aluminum	8.64E+03	mg/kg	Grid Value	1.11E+04	value
222	1	SOU222-001	Arsenic	9.60E+00	mg/kg	Grid Value	1.02E+01	value
222	1	SOU222-001	Chromium	3.74E+01	mg/kg	Grid Value	6.48E+01	value
222	1	SOU222-001	Manganese	7.61E+02	mg/kg	Grid Value	6.33E+02	value
222	1	SOU222-001	Nickel	6.00E+01	mg/kg	Grid Value	9.19E+01	value
222	1	SOU222-001	PCB, Total	1.40E+00	mg/kg	Grid Value	9.67E-01	value
222	1	SOU222-001	Total PAH	1.77E-01	mg/kg	Grid Value	1.77E-01	value
222	1	SOU222-001	Uranium	5.86E+01	mg/kg	Grid Value	2.77E+01	value
222	1	SOU222-001	Cesium-137	3.93E-01	pCi/g	Grid Value	2.99E-01	value
222	1	SOU222-001	Cobalt-60	6.54E-03	pCi/g	Avg	6.54E-03	value
222	1	SOU222-001	Uranium-234	1.04E+01	pCi/g	Grid Value	7.04E+00	value
222	1	SOU222-001	Uranium-235	7.10E-01	pCi/g	Grid Value	7.10E-01	value
222	1	SOU222-001	Uranium-238	1.96E+01	pCi/g	Grid Value	1.54E+01	value
222	1	SOU222-001A	Aluminum	1.02E+04	mg/kg	Avg	1.11E+04	UCL 95 or maximum value
222	1	SOU222-001A	Arsenic	1.15E+01	mg/kg	Grid Value	1.02E+01	UCL 95 or maximum value
222	1	SOU222-001A	Chromium	8.50E+01	mg/kg	Grid Value	6.48E+01	UCL 95 or maximum value
222	1	SOU222-001A	Manganese	3.67E+02	mg/kg	Grid Value	6.33E+02	UCL 95 or maximum value
222	1	SOU222-001A	Nickel	7.25E+01	mg/kg	Grid Value	9.19E+01	UCL 95 or maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
222	1	SOU222-001A	PCB, Total	5.74E-01	mg/kg	Avg	9.67E-01	UCL 95 or maximum value
222	1	SOU222-001A	Total PAH	1.77E-01	mg/kg	Avg	1.77E-01	UCL 95 or maximum value
222	1	SOU222-001A	Uranium	9.15E+00	mg/kg	Grid Value	2.77E+01	UCL 95 or maximum value
222	1	SOU222-001A	Cesium-137	1.89E-01	pCi/g	Avg	2.99E-01	UCL 95 or maximum value
222	1	SOU222-001A	Cobalt-60	6.54E-03	pCi/g	Avg	6.54E-03	UCL 95 or maximum value
222	1	SOU222-001A	Uranium-234	6.09E+00	pCi/g	Avg	7.04E+00	UCL 95 or maximum value
222	1	SOU222-001A	Uranium-235	7.10E-01	pCi/g	Avg	7.10E-01	UCL 95 or maximum value
222	1	SOU222-001A	Uranium-238	1.05E+01	pCi/g	Avg	1.54E+01	UCL 95 or maximum value
222	1	001B	Aluminum	5.35E+03	mg/kg	Grid Value	1.11E+04	value
222	1	001B	Arsenic	4.70E+00	mg/kg	Grid Value	1.02E+01	value
222	1	001B	Chromium	1.48E+01	mg/kg	Grid Value	6.48E+01	value
222	1	001B	Manganese	2.23E+02	mg/kg	Grid Value	6.33E+02	value
222	1	001B	Nickel	1.16E+01	mg/kg	Grid Value	9.19E+01	value
222	1	001B	PCB, Total	5.74E-01	mg/kg	Avg	9.67E-01	value
222	1	001B	Total PAH	1.77E-01	mg/kg	Avg	1.77E-01	value
222	1	001B	Uranium	9.87E+00	mg/kg	Grid Value	2.77E+01	value
222	1	001B	Cesium-137	1.89E-01	pCi/g	Avg	2.99E-01	value
222	1	001B	Cobalt-60	6.54E-03	pCi/g	Avg	6.54E-03	value
222	1	001B	Uranium-234	6.09E+00	pCi/g	Avg	7.04E+00	value
222	1	001B	Uranium-235	7.10E-01	pCi/g	Avg	7.10E-01	value
222	1	001B	Uranium-238	1.05E+01	pCi/g	Avg	1.54E+01	value
222	1	001C	Aluminum	1.42E+04	mg/kg	Grid Value	1.11E+04	value
222	1	001C	Arsenic	8.68E+00	mg/kg	Grid Value	1.02E+01	value
222	1	001C	Chromium	1.99E+01	mg/kg	Grid Value	6.48E+01	value
222	1	001C	Manganese	3.09E+02	mg/kg	Grid Value	6.33E+02	value
222	1	001C	Nickel	1.43E+01	mg/kg	Grid Value	9.19E+01	value
222	1	001C	PCB, Total	6.00E-01	mg/kg	Grid Value	9.67E-01	value
222	1	001C	Total PAH	1.77E-01	mg/kg	Avg	1.77E-01	value
222	1	001C	Uranium	1.17E+01	mg/kg	Grid Value	2.77E+01	value
222	1	001C	Cesium-137	-1.43E-02	pCi/g	Grid Value	2.99E-01	value
222	1	001C	Cobalt-60	6.54E-03	pCi/g	Grid Value	6.54E-03	value
222	1	001C	Uranium-234	1.77E+00	pCi/g	Grid Value	7.04E+00	value
222	1	001C	Uranium-235	7.10E-01	pCi/g	Avg	7.10E-01	value
222	1	001C	Uranium-238	1.43E+00	pCi/g	Grid Value	1.54E+01	value
222	1	001D	Aluminum	1.17E+04	mg/kg	Grid Value	1.11E+04	value
222	1	001D	Arsenic	4.00E+00	mg/kg	Grid Value	1.02E+01	value
222	1	001D	Chromium	1.28E+01	mg/kg	Grid Value	6.48E+01	value
222	1	001D	Manganese	6.05E+02	mg/kg	Grid Value	6.33E+02	value
222	1	001D	Nickel	9.19E+01	mg/kg	Grid Value	9.19E+01	value
222	1	001D	PCB, Total	8.00E-02	mg/kg	Grid Value	9.67E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
222	1	001D	Total PAH	1.77E-01	mg/kg	Avg	1.77E-01	value
222	1	001D	Uranium	2.00E+01	mg/kg	Grid Value	2.77E+01	value
222	1	001D	Cesium-137	1.89E-01	pCi/g	Avg	2.99E-01	value
222	1	001D	Cobalt-60	6.54E-03	pCi/g	Avg	6.54E-03	value
222	1	001D	Uranium-234	6.09E+00	pCi/g	Avg	7.04E+00	value
222	1	001D	Uranium-235	7.10E-01	pCi/g	Avg	7.10E-01	value
222	1	001D	Uranium-238	1.05E+01	pCi/g	Avg	1.54E+01	value
222	1	001E	Aluminum	1.02E+04	mg/kg	Avg	1.11E+04	value
222	1	001E	Arsenic	1.18E+01	mg/kg	Grid Value	1.02E+01	value
222	1	001E	Chromium	8.50E+01	mg/kg	Grid Value	6.48E+01	value
222	1	001E	Manganese	8.55E+02	mg/kg	Grid Value	6.33E+02	value
222	1	001E	Nickel	6.50E+01	mg/kg	Grid Value	9.19E+01	value
222	1	001E	PCB, Total	5.74E-01	mg/kg	Avg	9.67E-01	value
222	1	001E	Total PAH	1.77E-01	mg/kg	Avg	1.77E-01	value
222	1	001E	Uranium	2.00E+01	mg/kg	Grid Value	2.77E+01	value
222	1	001E	Cesium-137	1.89E-01	pCi/g	Avg	2.99E-01	value
222	1	001E	Cobalt-60	6.54E-03	pCi/g	Avg	6.54E-03	value
222	1	001E	Uranium-234	6.09E+00	pCi/g	Avg	7.04E+00	value
222	1	001E	Uranium-235	7.10E-01	pCi/g	Avg	7.10E-01	value
222	1	001E	Uranium-238	1.05E+01	pCi/g	Avg	1.54E+01	value
222	1	001F	Aluminum	1.02E+04	mg/kg	Avg	1.11E+04	value
222	1	001F	Arsenic	1.10E+01	mg/kg	Grid Value	1.02E+01	value
222	1	001F	Chromium	8.50E+01	mg/kg	Grid Value	6.48E+01	value
222	1	001F	Manganese	2.65E+02	mg/kg	Grid Value	6.33E+02	value
222	1	001F	Nickel	6.50E+01	mg/kg	Grid Value	9.19E+01	value
222	1	001F	PCB, Total	5.74E-01	mg/kg	Avg	9.67E-01	value
222	1	001F	Total PAH	1.77E-01	mg/kg	Avg	1.77E-01	value
222	1	001F	Uranium	2.00E+01	mg/kg	Grid Value	2.77E+01	value
222	1	001F	Cesium-137	1.89E-01	pCi/g	Avg	2.99E-01	value
222	1	001F	Cobalt-60	6.54E-03	pCi/g	Avg	6.54E-03	value
222	1	001F	Uranium-234	6.09E+00	pCi/g	Avg	7.04E+00	value
222	1	001F	Uranium-235	7.10E-01	pCi/g	Avg	7.10E-01	value
222	1	001F	Uranium-238	1.05E+01	pCi/g	Avg	1.54E+01	value
222	1	001G	Aluminum	3.11E+03	mg/kg	Grid Value	1.11E+04	value
222	1	001G	Arsenic	1.02E+01	mg/kg	Grid Value	1.02E+01	value
222	1	001G	Chromium	4.99E+01	mg/kg	Grid Value	6.48E+01	value
222	1	001G	Manganese	3.73E+02	mg/kg	Grid Value	6.33E+02	value
222	1	001G	Nickel	9.00E+00	mg/kg	Grid Value	9.19E+01	value
222	1	001G	PCB, Total	5.74E-01	mg/kg	Avg	9.67E-01	value
222	1	001G	Total PAH	1.77E-01	mg/kg	Avg	1.77E-01	value
222	1	001G	Uranium	9.60E+00	mg/kg	Grid Value	2.77E+01	value
222	1	001G	Cesium-137	1.89E-01	pCi/g	Avg	2.99E-01	value
222	1	001G	Cobalt-60	6.54E-03	pCi/g	Avg	6.54E-03	value
222	1	001G	Uranium-234	6.09E+00	pCi/g	Avg	7.04E+00	value
222	1	001G	Uranium-235	7.10E-01	pCi/g	Avg	7.10E-01	value
222	1	001G	Uranium-238	1.05E+01	pCi/g	Avg	1.54E+01	value
222	1	001H	Aluminum	1.02E+04	mg/kg	Avg	1.11E+04	value
222	1	001H	Arsenic	9.34E+00	mg/kg	Grid Value	1.02E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
222	1	001H	Chromium	6.59E+01	mg/kg	Grid Value	6.48E+01	value
222	1	001H	Manganese	5.37E+02	mg/kg	Grid Value	6.33E+02	value
222	1	001H	Nickel	6.08E+01	mg/kg	Grid Value	9.19E+01	value
222	1	001H	PCB, Total	5.74E-01	mg/kg	Avg	9.67E-01	value
222	1	001H	Total PAH	1.77E-01	mg/kg	Avg	1.77E-01	value
222	1	001H	Uranium	2.00E+01	mg/kg	Grid Value	2.77E+01	value
222	1	001H	Cesium-137	1.89E-01	pCi/g	Avg	2.99E-01	value
222	1	001H	Cobalt-60	6.54E-03	pCi/g	Avg	6.54E-03	value
222	1	001H	Uranium-234	6.09E+00	pCi/g	Avg	7.04E+00	value
222	1	001H	Uranium-235	7.10E-01	pCi/g	Avg	7.10E-01	value
222	1	001H	Uranium-238	1.05E+01	pCi/g	Avg	1.54E+01	value
222	1	001I	Aluminum	9.21E+03	mg/kg	Grid Value	1.11E+04	value
222	1	001I	Arsenic	8.53E+00	mg/kg	Grid Value	1.02E+01	value
222	1	001I	Chromium	3.65E+01	mg/kg	Grid Value	6.48E+01	value
222	1	001I	Manganese	5.56E+02	mg/kg	Grid Value	6.33E+02	value
222	1	001I	Nickel	7.67E+01	mg/kg	Grid Value	9.19E+01	value
222	1	001I	PCB, Total	5.74E-01	mg/kg	Avg	9.67E-01	value
222	1	001I	Total PAH	1.77E-01	mg/kg	Avg	1.77E-01	value
222	1	001I	Uranium	4.00E+00	mg/kg	Grid Value	2.77E+01	value
222	1	001I	Cesium-137	1.89E-01	pCi/g	Avg	2.99E-01	value
222	1	001I	Cobalt-60	6.54E-03	pCi/g	Avg	6.54E-03	value
222	1	001I	Uranium-234	6.09E+00	pCi/g	Avg	7.04E+00	value
222	1	001I	Uranium-235	7.10E-01	pCi/g	Avg	7.10E-01	value
222	1	001I	Uranium-238	1.05E+01	pCi/g	Avg	1.54E+01	value
222	1	001J	Aluminum	1.23E+04	mg/kg	Grid Value	1.11E+04	value
222	1	001J	Arsenic	9.85E+00	mg/kg	Grid Value	1.02E+01	value
222	1	001J	Chromium	7.61E+01	mg/kg	Grid Value	6.48E+01	value
222	1	001J	Manganese	4.46E+02	mg/kg	Grid Value	6.33E+02	value
222	1	001J	Nickel	7.58E+01	mg/kg	Grid Value	9.19E+01	value
222	1	001J	PCB, Total	1.64E-01	mg/kg	Grid Value	9.67E-01	value
222	1	001J	Total PAH	1.77E-01	mg/kg	Avg	1.77E-01	value
222	1	001J	Uranium	2.00E+01	mg/kg	Grid Value	2.77E+01	value
222	1	001J	Cesium-137	1.89E-01	pCi/g	Avg	2.99E-01	value
222	1	001J	Cobalt-60	6.54E-03	pCi/g	Avg	6.54E-03	value
222	1	001J	Uranium-234	6.09E+00	pCi/g	Avg	7.04E+00	value
222	1	001J	Uranium-235	7.10E-01	pCi/g	Avg	7.10E-01	value
222	1	001J	Uranium-238	1.05E+01	pCi/g	Avg	1.54E+01	value
222	1	001L	Aluminum	9.06E+03	mg/kg	Grid Value	1.11E+04	value
222	1	001L	Arsenic	7.60E+00	mg/kg	Grid Value	1.02E+01	value
222	1	001L	Chromium	3.33E+01	mg/kg	Grid Value	6.48E+01	value
222	1	001L	Manganese	8.89E+02	mg/kg	Grid Value	6.33E+02	value
222	1	001L	Nickel	8.74E+01	mg/kg	Grid Value	9.19E+01	value
222	1	001L	PCB, Total	5.74E-01	mg/kg	Avg	9.67E-01	value
222	1	001L	Total PAH	1.77E-01	mg/kg	Avg	1.77E-01	value
222	1	001L	Uranium	1.10E+00	mg/kg	Grid Value	2.77E+01	value
222	1	001L	Cesium-137	1.89E-01	pCi/g	Avg	2.99E-01	value
222	1	001L	Cobalt-60	6.54E-03	pCi/g	Avg	6.54E-03	value
222	1	001L	Uranium-234	6.09E+00	pCi/g	Avg	7.04E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
222	1	001L	Uranium-235	7.10E-01	pCi/g	Avg	7.10E-01	value
222	1	001L	Uranium-238	1.05E+01	pCi/g	Avg	1.54E+01	value
227	1	SOU227-001	Arsenic	6.25E+00	mg/kg	Grid Value	8.46E+00	value
227	1	SOU227-001	Beryllium	5.40E-01	mg/kg	Grid Value	5.50E-01	value
227	1	SOU227-001	Chromium	3.94E+01	mg/kg	Grid Value	5.34E+01	value
227	1	SOU227-001	Nickel	1.44E+01	mg/kg	Grid Value	1.99E+02	value
227	1	SOU227-001	PCB, Total	1.43E+00	mg/kg	Grid Value	3.94E+00	value
227	1	SOU227-001	Thallium	1.50E+01	mg/kg	Grid Value	5.10E-01	value
227	1	SOU227-001	Total PAH	3.38E-01	mg/kg	Grid Value	3.38E-01	value
227	1	SOU227-001	Uranium	2.00E+01	mg/kg	Grid Value	1.02E+02	value
227	1	SOU227-001	Cesium-137	1.13E-01	pCi/g	Avg	1.67E-01	value
227	1	SOU227-001	Cobalt-60	-4.78E-03	pCi/g	Avg	1.53E-02	value
227	1	SOU227-001	Neptunium-237	5.27E-01	pCi/g	Avg	7.95E-01	value
227	1	SOU227-001	Technetium-99	1.39E+01	pCi/g	Grid Value	4.18E+01	value
227	1	SOU227-001	Uranium-234	8.85E+00	pCi/g	Avg	1.40E+01	value
227	1	SOU227-001	Uranium-235	8.42E-01	pCi/g	Avg	1.35E+00	value
227	1	SOU227-001	Uranium-238	2.61E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-002	Arsenic	1.10E+01	mg/kg	Grid Value	8.46E+00	value
227	1	SOU227-002	Beryllium	5.37E-01	mg/kg	Avg	5.50E-01	value
227	1	SOU227-002	Chromium	8.50E+01	mg/kg	Grid Value	5.34E+01	value
227	1	SOU227-002	Nickel	1.91E+02	mg/kg	Grid Value	1.99E+02	value
227	1	SOU227-002	PCB, Total	5.00E+00	mg/kg	Grid Value	3.94E+00	value
227	1	SOU227-002	Thallium	1.28E+01	mg/kg	Avg	5.10E-01	value
227	1	SOU227-002	Total PAH	3.42E-01	mg/kg	Avg	3.38E-01	value
227	1	SOU227-002	Uranium	1.01E+01	mg/kg	Grid Value	1.02E+02	value
227	1	SOU227-002	Cesium-137	1.13E-01	pCi/g	Avg	1.67E-01	value
227	1	SOU227-002	Cobalt-60	-4.78E-03	pCi/g	Avg	1.53E-02	value
227	1	SOU227-002	Neptunium-237	5.27E-01	pCi/g	Avg	7.95E-01	value
227	1	SOU227-002	Technetium-99	2.49E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-002	Uranium-234	8.85E+00	pCi/g	Avg	1.40E+01	value
227	1	SOU227-002	Uranium-235	8.42E-01	pCi/g	Avg	1.35E+00	value
227	1	SOU227-002	Uranium-238	2.61E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-003	Arsenic	1.10E+01	mg/kg	Grid Value	8.46E+00	value
227	1	SOU227-003	Beryllium	5.37E-01	mg/kg	Avg	5.50E-01	value
227	1	SOU227-003	Chromium	4.71E+01	mg/kg	Grid Value	5.34E+01	value
227	1	SOU227-003	Nickel	6.50E+01	mg/kg	Grid Value	1.99E+02	value
227	1	SOU227-003	PCB, Total	5.00E+00	mg/kg	Grid Value	3.94E+00	value
227	1	SOU227-003	Thallium	1.28E+01	mg/kg	Avg	5.10E-01	value
227	1	SOU227-003	Total PAH	3.42E-01	mg/kg	Avg	3.38E-01	value
227	1	SOU227-003	Uranium	8.75E+00	mg/kg	Grid Value	1.02E+02	value
227	1	SOU227-003	Cesium-137	1.13E-01	pCi/g	Avg	1.67E-01	value
227	1	SOU227-003	Cobalt-60	-4.78E-03	pCi/g	Avg	1.53E-02	value
227	1	SOU227-003	Neptunium-237	5.27E-01	pCi/g	Avg	7.95E-01	value
227	1	SOU227-003	Technetium-99	2.49E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-003	Uranium-234	8.85E+00	pCi/g	Avg	1.40E+01	value
227	1	SOU227-003	Uranium-235	8.42E-01	pCi/g	Avg	1.35E+00	value
227	1	SOU227-003	Uranium-238	2.61E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-004	Arsenic	7.10E+00	mg/kg	Grid Value	8.46E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
227	1	SOU227-004	Beryllium	5.60E-01	mg/kg	Grid Value	5.50E-01	value
227	1	SOU227-004	Chromium	3.83E+01	mg/kg	Grid Value	5.34E+01	value
227	1	SOU227-004	Nickel	3.68E+02	mg/kg	Grid Value	1.99E+02	value
227	1	SOU227-004	PCB, Total	3.80E-01	mg/kg	Grid Value	3.94E+00	value
227	1	SOU227-004	Thallium	5.10E-01	mg/kg	Grid Value	5.10E-01	value
227	1	SOU227-004	Total PAH	8.30E-03	mg/kg	Grid Value	3.38E-01	value
227	1	SOU227-004	Uranium	3.92E+01	mg/kg	Grid Value	1.02E+02	value
227	1	SOU227-004	Cesium-137	-1.30E-02	pCi/g	Grid Value	1.67E-01	value
227	1	SOU227-004	Cobalt-60	-4.78E-03	pCi/g	Avg	1.53E-02	value
227	1	SOU227-004	Neptunium-237	5.27E-01	pCi/g	Avg	7.95E-01	value
227	1	SOU227-004	Technetium-99	3.46E+00	pCi/g	Grid Value	4.18E+01	value
227	1	SOU227-004	Uranium-234	1.11E+00	pCi/g	Grid Value	1.40E+01	value
227	1	SOU227-004	Uranium-235	7.80E-02	pCi/g	Grid Value	1.35E+00	value
227	1	SOU227-004	Uranium-238	2.18E+00	pCi/g	Grid Value	4.18E+01	value
227	1	SOU227-005	Arsenic	1.10E+01	mg/kg	Grid Value	8.46E+00	value
227	1	SOU227-005	Beryllium	5.37E-01	mg/kg	Avg	5.50E-01	value
227	1	SOU227-005	Chromium	4.08E+01	mg/kg	Grid Value	5.34E+01	value
227	1	SOU227-005	Nickel	6.53E+02	mg/kg	Grid Value	1.99E+02	value
227	1	SOU227-005	PCB, Total	5.00E+00	mg/kg	Grid Value	3.94E+00	value
227	1	SOU227-005	Thallium	1.28E+01	mg/kg	Avg	5.10E-01	value
227	1	SOU227-005	Total PAH	3.42E-01	mg/kg	Avg	3.38E-01	value
227	1	SOU227-005	Uranium	4.38E+02	mg/kg	Grid Value	1.02E+02	value
227	1	SOU227-005	Cesium-137	5.10E-01	pCi/g	Grid Value	1.67E-01	value
227	1	SOU227-005	Cobalt-60	-4.78E-03	pCi/g	Avg	1.53E-02	value
227	1	SOU227-005	Neptunium-237	2.53E+00	pCi/g	Grid Value	7.95E-01	value
227	1	SOU227-005	Technetium-99	1.52E+02	pCi/g	Grid Value	4.18E+01	value
227	1	SOU227-005	Uranium-234	4.81E+01	pCi/g	Grid Value	1.40E+01	value
227	1	SOU227-005	Uranium-235	4.70E+00	pCi/g	Grid Value	1.35E+00	value
227	1	SOU227-005	Uranium-238	1.46E+02	pCi/g	Grid Value	4.18E+01	value
227	1	SOU227-006	Arsenic	6.36E+00	mg/kg	Grid Value	8.46E+00	value
227	1	SOU227-006	Beryllium	5.37E-01	mg/kg	Avg	5.50E-01	value
227	1	SOU227-006	Chromium	8.50E+01	mg/kg	Grid Value	5.34E+01	value
227	1	SOU227-006	Nickel	3.22E+02	mg/kg	Grid Value	1.99E+02	value
227	1	SOU227-006	PCB, Total	5.00E+00	mg/kg	Grid Value	3.94E+00	value
227	1	SOU227-006	Thallium	1.28E+01	mg/kg	Avg	5.10E-01	value
227	1	SOU227-006	Total PAH	3.42E-01	mg/kg	Avg	3.38E-01	value
227	1	SOU227-006	Uranium	9.11E+00	mg/kg	Grid Value	1.02E+02	value
227	1	SOU227-006	Cesium-137	1.13E-01	pCi/g	Avg	1.67E-01	value
227	1	SOU227-006	Cobalt-60	-4.78E-03	pCi/g	Avg	1.53E-02	value
227	1	SOU227-006	Neptunium-237	5.27E-01	pCi/g	Avg	7.95E-01	value
227	1	SOU227-006	Technetium-99	2.49E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-006	Uranium-234	8.85E+00	pCi/g	Avg	1.40E+01	value
227	1	SOU227-006	Uranium-235	8.42E-01	pCi/g	Avg	1.35E+00	value
227	1	SOU227-006	Uranium-238	2.61E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-007	Arsenic	9.84E+00	mg/kg	Grid Value	8.46E+00	value
227	1	SOU227-007	Beryllium	5.37E-01	mg/kg	Avg	5.50E-01	value
227	1	SOU227-007	Chromium	3.59E+01	mg/kg	Grid Value	5.34E+01	value
227	1	SOU227-007	Nickel	6.50E+01	mg/kg	Grid Value	1.99E+02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
227	1	SOU227-007	PCB, Total	5.00E+00	mg/kg	Grid Value	3.94E+00	value
227	1	SOU227-007	Thallium	1.28E+01	mg/kg	Avg	5.10E-01	value
227	1	SOU227-007	Total PAH	3.42E-01	mg/kg	Avg	3.38E-01	value
227	1	SOU227-007	Uranium	2.00E+01	mg/kg	Grid Value	1.02E+02	value
227	1	SOU227-007	Cesium-137	1.13E-01	pCi/g	Avg	1.67E-01	value
227	1	SOU227-007	Cobalt-60	-4.78E-03	pCi/g	Avg	1.53E-02	value
227	1	SOU227-007	Neptunium-237	5.27E-01	pCi/g	Avg	7.95E-01	value
227	1	SOU227-007	Technetium-99	2.49E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-007	Uranium-234	8.85E+00	pCi/g	Avg	1.40E+01	value
227	1	SOU227-007	Uranium-235	8.42E-01	pCi/g	Avg	1.35E+00	value
227	1	SOU227-007	Uranium-238	2.61E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-008	Arsenic	1.10E+01	mg/kg	Grid Value	8.46E+00	value
227	1	SOU227-008	Beryllium	5.37E-01	mg/kg	Avg	5.50E-01	value
227	1	SOU227-008	Chromium	4.76E+01	mg/kg	Grid Value	5.34E+01	value
227	1	SOU227-008	Nickel	6.50E+01	mg/kg	Grid Value	1.99E+02	value
227	1	SOU227-008	PCB, Total	5.00E+00	mg/kg	Grid Value	3.94E+00	value
227	1	SOU227-008	Thallium	1.28E+01	mg/kg	Avg	5.10E-01	value
227	1	SOU227-008	Total PAH	3.42E-01	mg/kg	Avg	3.38E-01	value
227	1	SOU227-008	Uranium	2.00E+01	mg/kg	Grid Value	1.02E+02	value
227	1	SOU227-008	Cesium-137	1.13E-01	pCi/g	Avg	1.67E-01	value
227	1	SOU227-008	Cobalt-60	-4.78E-03	pCi/g	Avg	1.53E-02	value
227	1	SOU227-008	Neptunium-237	5.27E-01	pCi/g	Avg	7.95E-01	value
227	1	SOU227-008	Technetium-99	2.49E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-008	Uranium-234	8.85E+00	pCi/g	Avg	1.40E+01	value
227	1	SOU227-008	Uranium-235	8.42E-01	pCi/g	Avg	1.35E+00	value
227	1	SOU227-008	Uranium-238	2.61E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-009	Arsenic	1.10E+01	mg/kg	Grid Value	8.46E+00	value
227	1	SOU227-009	Beryllium	5.37E-01	mg/kg	Avg	5.50E-01	value
227	1	SOU227-009	Chromium	4.25E+01	mg/kg	Grid Value	5.34E+01	value
227	1	SOU227-009	Nickel	6.50E+01	mg/kg	Grid Value	1.99E+02	value
227	1	SOU227-009	PCB, Total	5.00E+00	mg/kg	Grid Value	3.94E+00	value
227	1	SOU227-009	Thallium	1.28E+01	mg/kg	Avg	5.10E-01	value
227	1	SOU227-009	Total PAH	3.42E-01	mg/kg	Avg	3.38E-01	value
227	1	SOU227-009	Uranium	2.00E+01	mg/kg	Grid Value	1.02E+02	value
227	1	SOU227-009	Cesium-137	1.13E-01	pCi/g	Avg	1.67E-01	value
227	1	SOU227-009	Cobalt-60	-4.78E-03	pCi/g	Avg	1.53E-02	value
227	1	SOU227-009	Neptunium-237	5.27E-01	pCi/g	Avg	7.95E-01	value
227	1	SOU227-009	Technetium-99	2.49E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-009	Uranium-234	8.85E+00	pCi/g	Avg	1.40E+01	value
227	1	SOU227-009	Uranium-235	8.42E-01	pCi/g	Avg	1.35E+00	value
227	1	SOU227-009	Uranium-238	2.61E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-010	Arsenic	1.06E+01	mg/kg	Grid Value	8.46E+00	value
227	1	SOU227-010	Beryllium	5.37E-01	mg/kg	Avg	5.50E-01	value
227	1	SOU227-010	Chromium	4.08E+01	mg/kg	Grid Value	5.34E+01	value
227	1	SOU227-010	Nickel	6.50E+01	mg/kg	Grid Value	1.99E+02	value
227	1	SOU227-010	PCB, Total	5.00E+00	mg/kg	Grid Value	3.94E+00	value
227	1	SOU227-010	Thallium	1.28E+01	mg/kg	Avg	5.10E-01	value
227	1	SOU227-010	Total PAH	3.42E-01	mg/kg	Avg	3.38E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
227	1	SOU227-010	Uranium	2.00E+01	mg/kg	Grid Value	1.02E+02	value
227	1	SOU227-010	Cesium-137	1.13E-01	pCi/g	Avg	1.67E-01	value
227	1	SOU227-010	Cobalt-60	-4.78E-03	pCi/g	Avg	1.53E-02	value
227	1	SOU227-010	Neptunium-237	5.27E-01	pCi/g	Avg	7.95E-01	value
227	1	SOU227-010	Technetium-99	2.49E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-010	Uranium-234	8.85E+00	pCi/g	Avg	1.40E+01	value
227	1	SOU227-010	Uranium-235	8.42E-01	pCi/g	Avg	1.35E+00	value
227	1	SOU227-010	Uranium-238	2.61E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-011	Arsenic	7.00E+00	mg/kg	Grid Value	8.46E+00	value
227	1	SOU227-011	Beryllium	4.80E-01	mg/kg	Grid Value	5.50E-01	value
227	1	SOU227-011	Chromium	5.51E+01	mg/kg	Grid Value	5.34E+01	value
227	1	SOU227-011	Nickel	7.94E+01	mg/kg	Grid Value	1.99E+02	value
227	1	SOU227-011	PCB, Total	3.20E-01	mg/kg	Grid Value	3.94E+00	value
227	1	SOU227-011	Thallium	1.60E-01	mg/kg	Grid Value	5.10E-01	value
227	1	SOU227-011	Total PAH	1.80E-02	mg/kg	Grid Value	3.38E-01	value
227	1	SOU227-011	Uranium	3.96E+00	mg/kg	Grid Value	1.02E+02	value
227	1	SOU227-011	Cesium-137	1.17E-01	pCi/g	Grid Value	1.67E-01	value
227	1	SOU227-011	Cobalt-60	-4.78E-03	pCi/g	Avg	1.53E-02	value
227	1	SOU227-011	Neptunium-237	5.27E-01	pCi/g	Avg	7.95E-01	value
227	1	SOU227-011	Technetium-99	4.75E+01	pCi/g	Grid Value	4.18E+01	value
227	1	SOU227-011	Uranium-234	1.20E+00	pCi/g	Grid Value	1.40E+01	value
227	1	SOU227-011	Uranium-235	8.00E-02	pCi/g	Grid Value	1.35E+00	value
227	1	SOU227-011	Uranium-238	1.32E+00	pCi/g	Grid Value	4.18E+01	value
227	1	SOU227-012	Arsenic	7.36E+00	mg/kg	Grid Value	8.46E+00	value
227	1	SOU227-012	Beryllium	5.37E-01	mg/kg	Avg	5.50E-01	value
227	1	SOU227-012	Chromium	8.50E+01	mg/kg	Grid Value	5.34E+01	value
227	1	SOU227-012	Nickel	6.50E+01	mg/kg	Grid Value	1.99E+02	value
227	1	SOU227-012	PCB, Total	5.00E+00	mg/kg	Grid Value	3.94E+00	value
227	1	SOU227-012	Thallium	1.28E+01	mg/kg	Avg	5.10E-01	value
227	1	SOU227-012	Total PAH	3.42E-01	mg/kg	Avg	3.38E-01	value
227	1	SOU227-012	Uranium	1.15E+01	mg/kg	Grid Value	1.02E+02	value
227	1	SOU227-012	Cesium-137	1.13E-01	pCi/g	Avg	1.67E-01	value
227	1	SOU227-012	Cobalt-60	-4.78E-03	pCi/g	Avg	1.53E-02	value
227	1	SOU227-012	Neptunium-237	5.27E-01	pCi/g	Avg	7.95E-01	value
227	1	SOU227-012	Technetium-99	2.49E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-012	Uranium-234	8.85E+00	pCi/g	Avg	1.40E+01	value
227	1	SOU227-012	Uranium-235	8.42E-01	pCi/g	Avg	1.35E+00	value
227	1	SOU227-012	Uranium-238	2.61E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-013	Arsenic	7.33E+00	mg/kg	Grid Value	8.46E+00	value
227	1	SOU227-013	Beryllium	5.37E-01	mg/kg	Avg	5.50E-01	value
227	1	SOU227-013	Chromium	3.33E+01	mg/kg	Grid Value	5.34E+01	value
227	1	SOU227-013	Nickel	8.89E+01	mg/kg	Grid Value	1.99E+02	value
227	1	SOU227-013	PCB, Total	5.00E+00	mg/kg	Grid Value	3.94E+00	value
227	1	SOU227-013	Thallium	1.28E+01	mg/kg	Avg	5.10E-01	value
227	1	SOU227-013	Total PAH	3.42E-01	mg/kg	Avg	3.38E-01	value
227	1	SOU227-013	Uranium	1.62E+01	mg/kg	Grid Value	1.02E+02	value
227	1	SOU227-013	Cesium-137	1.13E-01	pCi/g	Avg	1.67E-01	value
227	1	SOU227-013	Cobalt-60	-4.78E-03	pCi/g	Avg	1.53E-02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
227	1	SOU227-013	Neptunium-237	5.27E-01	pCi/g	Avg	7.95E-01	value
227	1	SOU227-013	Technetium-99	2.49E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-013	Uranium-234	8.85E+00	pCi/g	Avg	1.40E+01	value
227	1	SOU227-013	Uranium-235	8.42E-01	pCi/g	Avg	1.35E+00	value
227	1	SOU227-013	Uranium-238	2.61E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-014	Arsenic	1.10E+01	mg/kg	Grid Value	8.46E+00	value
227	1	SOU227-014	Beryllium	5.37E-01	mg/kg	Avg	5.50E-01	value
227	1	SOU227-014	Chromium	4.09E+01	mg/kg	Grid Value	5.34E+01	value
227	1	SOU227-014	Nickel	9.34E+01	mg/kg	Grid Value	1.99E+02	value
227	1	SOU227-014	PCB, Total	5.00E+00	mg/kg	Grid Value	3.94E+00	value
227	1	SOU227-014	Thallium	1.28E+01	mg/kg	Avg	5.10E-01	value
227	1	SOU227-014	Total PAH	3.42E-01	mg/kg	Avg	3.38E-01	value
227	1	SOU227-014	Uranium	1.47E+01	mg/kg	Grid Value	1.02E+02	value
227	1	SOU227-014	Cesium-137	1.13E-01	pCi/g	Avg	1.67E-01	value
227	1	SOU227-014	Cobalt-60	-4.78E-03	pCi/g	Avg	1.53E-02	value
227	1	SOU227-014	Neptunium-237	5.27E-01	pCi/g	Avg	7.95E-01	value
227	1	SOU227-014	Technetium-99	2.49E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-014	Uranium-234	8.85E+00	pCi/g	Avg	1.40E+01	value
227	1	SOU227-014	Uranium-235	8.42E-01	pCi/g	Avg	1.35E+00	value
227	1	SOU227-014	Uranium-238	2.61E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-015	Arsenic	6.16E+00	mg/kg	Grid Value	8.46E+00	value
227	1	SOU227-015	Beryllium	5.37E-01	mg/kg	Avg	5.50E-01	value
227	1	SOU227-015	Chromium	4.65E+01	mg/kg	Grid Value	5.34E+01	value
227	1	SOU227-015	Nickel	6.50E+01	mg/kg	Grid Value	1.99E+02	value
227	1	SOU227-015	PCB, Total	5.00E+00	mg/kg	Grid Value	3.94E+00	value
227	1	SOU227-015	Thallium	1.28E+01	mg/kg	Avg	5.10E-01	value
227	1	SOU227-015	Total PAH	3.42E-01	mg/kg	Avg	3.38E-01	value
227	1	SOU227-015	Uranium	1.25E+01	mg/kg	Grid Value	1.02E+02	value
227	1	SOU227-015	Cesium-137	1.13E-01	pCi/g	Avg	1.67E-01	value
227	1	SOU227-015	Cobalt-60	-4.78E-03	pCi/g	Avg	1.53E-02	value
227	1	SOU227-015	Neptunium-237	5.27E-01	pCi/g	Avg	7.95E-01	value
227	1	SOU227-015	Technetium-99	2.49E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-015	Uranium-234	8.85E+00	pCi/g	Avg	1.40E+01	value
227	1	SOU227-015	Uranium-235	8.42E-01	pCi/g	Avg	1.35E+00	value
227	1	SOU227-015	Uranium-238	2.61E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-028	Arsenic	7.95E+00	mg/kg	Avg	8.46E+00	value
227	1	SOU227-028	Beryllium	5.37E-01	mg/kg	Avg	5.50E-01	value
227	1	SOU227-028	Chromium	4.13E+01	mg/kg	Avg	5.34E+01	value
227	1	SOU227-028	Nickel	1.16E+02	mg/kg	Avg	1.99E+02	value
227	1	SOU227-028	PCB, Total	1.30E-01	mg/kg	Grid Value	3.94E+00	value
227	1	SOU227-028	Thallium	1.28E+01	mg/kg	Avg	5.10E-01	value
227	1	SOU227-028	Total PAH	3.42E-01	mg/kg	Avg	3.38E-01	value
227	1	SOU227-028	Uranium	4.91E+01	mg/kg	Avg	1.02E+02	value
227	1	SOU227-028	Cesium-137	1.13E-01	pCi/g	Avg	1.67E-01	value
227	1	SOU227-028	Cobalt-60	-4.78E-03	pCi/g	Avg	1.53E-02	value
227	1	SOU227-028	Neptunium-237	5.27E-01	pCi/g	Avg	7.95E-01	value
227	1	SOU227-028	Technetium-99	2.49E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-028	Uranium-234	8.85E+00	pCi/g	Avg	1.40E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
227	1	SOU227-028	Uranium-235	8.42E-01	pCi/g	Avg	1.35E+00	value
227	1	SOU227-028	Uranium-238	2.61E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-029	Arsenic	7.95E+00	mg/kg	Avg	8.46E+00	value
227	1	SOU227-029	Beryllium	5.37E-01	mg/kg	Avg	5.50E-01	value
227	1	SOU227-029	Chromium	4.13E+01	mg/kg	Avg	5.34E+01	value
227	1	SOU227-029	Nickel	1.16E+02	mg/kg	Avg	1.99E+02	value
227	1	SOU227-029	PCB, Total	1.30E-01	mg/kg	Grid Value	3.94E+00	value
227	1	SOU227-029	Thallium	1.28E+01	mg/kg	Avg	5.10E-01	value
227	1	SOU227-029	Total PAH	3.42E-01	mg/kg	Avg	3.38E-01	value
227	1	SOU227-029	Uranium	4.91E+01	mg/kg	Avg	1.02E+02	value
227	1	SOU227-029	Cesium-137	1.13E-01	pCi/g	Avg	1.67E-01	value
227	1	SOU227-029	Cobalt-60	-4.78E-03	pCi/g	Avg	1.53E-02	value
227	1	SOU227-029	Neptunium-237	5.27E-01	pCi/g	Avg	7.95E-01	value
227	1	SOU227-029	Technetium-99	2.49E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-029	Uranium-234	8.85E+00	pCi/g	Avg	1.40E+01	value
227	1	SOU227-029	Uranium-235	8.42E-01	pCi/g	Avg	1.35E+00	value
227	1	SOU227-029	Uranium-238	2.61E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-030	Arsenic	7.95E+00	mg/kg	Avg	8.46E+00	value
227	1	SOU227-030	Beryllium	5.37E-01	mg/kg	Avg	5.50E-01	value
227	1	SOU227-030	Chromium	4.13E+01	mg/kg	Avg	5.34E+01	value
227	1	SOU227-030	Nickel	1.16E+02	mg/kg	Avg	1.99E+02	value
227	1	SOU227-030	PCB, Total	1.30E-01	mg/kg	Grid Value	3.94E+00	value
227	1	SOU227-030	Thallium	1.28E+01	mg/kg	Avg	5.10E-01	value
227	1	SOU227-030	Total PAH	3.42E-01	mg/kg	Avg	3.38E-01	value
227	1	SOU227-030	Uranium	4.91E+01	mg/kg	Avg	1.02E+02	value
227	1	SOU227-030	Cesium-137	1.13E-01	pCi/g	Avg	1.67E-01	value
227	1	SOU227-030	Cobalt-60	-4.78E-03	pCi/g	Avg	1.53E-02	value
227	1	SOU227-030	Neptunium-237	5.27E-01	pCi/g	Avg	7.95E-01	value
227	1	SOU227-030	Technetium-99	2.49E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-030	Uranium-234	8.85E+00	pCi/g	Avg	1.40E+01	value
227	1	SOU227-030	Uranium-235	8.42E-01	pCi/g	Avg	1.35E+00	value
227	1	SOU227-030	Uranium-238	2.61E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-031	Arsenic	7.95E+00	mg/kg	Avg	8.46E+00	value
227	1	SOU227-031	Beryllium	5.37E-01	mg/kg	Avg	5.50E-01	value
227	1	SOU227-031	Chromium	4.13E+01	mg/kg	Avg	5.34E+01	value
227	1	SOU227-031	Nickel	1.16E+02	mg/kg	Avg	1.99E+02	value
227	1	SOU227-031	PCB, Total	2.47E+00	mg/kg	Avg	3.94E+00	value
227	1	SOU227-031	Thallium	1.28E+01	mg/kg	Avg	5.10E-01	value
227	1	SOU227-031	Total PAH	3.42E-01	mg/kg	Avg	3.38E-01	value
227	1	SOU227-031	Uranium	4.91E+01	mg/kg	Avg	1.02E+02	value
227	1	SOU227-031	Cesium-137	1.13E-01	pCi/g	Avg	1.67E-01	value
227	1	SOU227-031	Cobalt-60	-4.78E-03	pCi/g	Avg	1.53E-02	value
227	1	SOU227-031	Neptunium-237	5.27E-01	pCi/g	Avg	7.95E-01	value
227	1	SOU227-031	Technetium-99	2.49E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-031	Uranium-234	8.85E+00	pCi/g	Avg	1.40E+01	value
227	1	SOU227-031	Uranium-235	8.42E-01	pCi/g	Avg	1.35E+00	value
227	1	SOU227-031	Uranium-238	2.61E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-032	Arsenic	7.95E+00	mg/kg	Avg	8.46E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
227	1	SOU227-032	Beryllium	5.37E-01	mg/kg	Avg	5.50E-01	value
227	1	SOU227-032	Chromium	4.13E+01	mg/kg	Avg	5.34E+01	value
227	1	SOU227-032	Nickel	1.16E+02	mg/kg	Avg	1.99E+02	value
227	1	SOU227-032	PCB, Total	1.30E-01	mg/kg	Grid Value	3.94E+00	value
227	1	SOU227-032	Thallium	1.28E+01	mg/kg	Avg	5.10E-01	value
227	1	SOU227-032	Total PAH	3.42E-01	mg/kg	Avg	3.38E-01	value
227	1	SOU227-032	Uranium	4.91E+01	mg/kg	Avg	1.02E+02	value
227	1	SOU227-032	Cesium-137	1.13E-01	pCi/g	Avg	1.67E-01	value
227	1	SOU227-032	Cobalt-60	-4.78E-03	pCi/g	Avg	1.53E-02	value
227	1	SOU227-032	Neptunium-237	5.27E-01	pCi/g	Avg	7.95E-01	value
227	1	SOU227-032	Technetium-99	2.49E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-032	Uranium-234	8.85E+00	pCi/g	Avg	1.40E+01	value
227	1	SOU227-032	Uranium-235	8.42E-01	pCi/g	Avg	1.35E+00	value
227	1	SOU227-032	Uranium-238	2.61E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-033	Arsenic	4.69E+00	mg/kg	Grid Value	8.46E+00	value
227	1	SOU227-033	Beryllium	4.69E-01	mg/kg	Grid Value	5.50E-01	value
227	1	SOU227-033	Chromium	1.03E+01	mg/kg	Grid Value	5.34E+01	value
227	1	SOU227-033	Nickel	8.64E+00	mg/kg	Grid Value	1.99E+02	value
227	1	SOU227-033	PCB, Total	1.20E-01	mg/kg	Grid Value	3.94E+00	value
227	1	SOU227-033	Thallium	1.88E+01	mg/kg	Grid Value	5.10E-01	value
227	1	SOU227-033	Total PAH	4.80E-01	mg/kg	Grid Value	3.38E-01	value
227	1	SOU227-033	Uranium	1.34E+00	mg/kg	Grid Value	1.02E+02	value
227	1	SOU227-033	Cesium-137	-3.80E-02	pCi/g	Grid Value	1.67E-01	value
227	1	SOU227-033	Cobalt-60	1.53E-02	pCi/g	Grid Value	1.53E-02	value
227	1	SOU227-033	Neptunium-237	4.83E-04	pCi/g	Grid Value	7.95E-01	value
227	1	SOU227-033	Technetium-99	-5.34E-01	pCi/g	Grid Value	4.18E+01	value
227	1	SOU227-033	Uranium-234	2.76E-01	pCi/g	Grid Value	1.40E+01	value
227	1	SOU227-033	Uranium-235	1.87E-02	pCi/g	Grid Value	1.35E+00	value
227	1	SOU227-033	Uranium-238	3.59E-01	pCi/g	Grid Value	4.18E+01	value
227	1	SOU227-034	Arsenic	7.95E+00	mg/kg	Avg	8.46E+00	value
227	1	SOU227-034	Beryllium	5.37E-01	mg/kg	Avg	5.50E-01	value
227	1	SOU227-034	Chromium	4.13E+01	mg/kg	Avg	5.34E+01	value
227	1	SOU227-034	Nickel	1.16E+02	mg/kg	Avg	1.99E+02	value
227	1	SOU227-034	PCB, Total	1.20E-01	mg/kg	Grid Value	3.94E+00	value
227	1	SOU227-034	Thallium	1.28E+01	mg/kg	Avg	5.10E-01	value
227	1	SOU227-034	Total PAH	3.42E-01	mg/kg	Avg	3.38E-01	value
227	1	SOU227-034	Uranium	4.91E+01	mg/kg	Avg	1.02E+02	value
227	1	SOU227-034	Cesium-137	1.13E-01	pCi/g	Avg	1.67E-01	value
227	1	SOU227-034	Cobalt-60	-4.78E-03	pCi/g	Avg	1.53E-02	value
227	1	SOU227-034	Neptunium-237	5.27E-01	pCi/g	Avg	7.95E-01	value
227	1	SOU227-034	Technetium-99	2.49E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-034	Uranium-234	8.85E+00	pCi/g	Avg	1.40E+01	value
227	1	SOU227-034	Uranium-235	8.42E-01	pCi/g	Avg	1.35E+00	value
227	1	SOU227-034	Uranium-238	2.61E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-035	Arsenic	5.00E+00	mg/kg	Grid Value	8.46E+00	value
227	1	SOU227-035	Beryllium	5.00E-01	mg/kg	Grid Value	5.50E-01	value
227	1	SOU227-035	Chromium	1.33E+01	mg/kg	Grid Value	5.34E+01	value
227	1	SOU227-035	Nickel	7.21E+00	mg/kg	Grid Value	1.99E+02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
227	1	SOU227-035	PCB, Total	1.00E-01	mg/kg	Grid Value	3.94E+00	value
227	1	SOU227-035	Thallium	1.50E+01	mg/kg	Grid Value	5.10E-01	value
227	1	SOU227-035	Total PAH	4.60E-01	mg/kg	Grid Value	3.38E-01	value
227	1	SOU227-035	Uranium	4.91E+01	mg/kg	Avg	1.02E+02	value
227	1	SOU227-035	Cesium-137	1.13E-01	pCi/g	Avg	1.67E-01	value
227	1	SOU227-035	Cobalt-60	-4.78E-03	pCi/g	Avg	1.53E-02	value
227	1	SOU227-035	Neptunium-237	5.49E-02	pCi/g	Grid Value	7.95E-01	value
227	1	SOU227-035	Technetium-99	8.12E-01	pCi/g	Grid Value	4.18E+01	value
227	1	SOU227-035	Uranium-234	8.85E+00	pCi/g	Avg	1.40E+01	value
227	1	SOU227-035	Uranium-235	8.42E-01	pCi/g	Avg	1.35E+00	value
227	1	SOU227-035	Uranium-238	2.61E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-036	Arsenic	5.00E+00	mg/kg	Grid Value	8.46E+00	value
227	1	SOU227-036	Beryllium	5.00E-01	mg/kg	Grid Value	5.50E-01	value
227	1	SOU227-036	Chromium	7.38E+00	mg/kg	Grid Value	5.34E+01	value
227	1	SOU227-036	Nickel	1.06E+01	mg/kg	Grid Value	1.99E+02	value
227	1	SOU227-036	PCB, Total	1.00E-01	mg/kg	Grid Value	3.94E+00	value
227	1	SOU227-036	Thallium	2.00E+01	mg/kg	Grid Value	5.10E-01	value
227	1	SOU227-036	Total PAH	4.70E-01	mg/kg	Grid Value	3.38E-01	value
227	1	SOU227-036	Uranium	2.00E+02	mg/kg	Grid Value	1.02E+02	value
227	1	SOU227-036	Cesium-137	2.09E-02	pCi/g	Grid Value	1.67E-01	value
227	1	SOU227-036	Cobalt-60	2.15E-03	pCi/g	Grid Value	1.53E-02	value
227	1	SOU227-036	Neptunium-237	1.98E-02	pCi/g	Grid Value	7.95E-01	value
227	1	SOU227-036	Technetium-99	1.51E+00	pCi/g	Grid Value	4.18E+01	value
227	1	SOU227-036	Uranium-234	5.09E-01	pCi/g	Grid Value	1.40E+01	value
227	1	SOU227-036	Uranium-235	2.90E-02	pCi/g	Grid Value	1.35E+00	value
227	1	SOU227-036	Uranium-238	8.92E-01	pCi/g	Grid Value	4.18E+01	value
227	1	SOU227-037	Arsenic	7.95E+00	mg/kg	Avg	8.46E+00	value
227	1	SOU227-037	Beryllium	5.37E-01	mg/kg	Avg	5.50E-01	value
227	1	SOU227-037	Chromium	4.13E+01	mg/kg	Avg	5.34E+01	value
227	1	SOU227-037	Nickel	1.16E+02	mg/kg	Avg	1.99E+02	value
227	1	SOU227-037	PCB, Total	2.47E+00	mg/kg	Avg	3.94E+00	value
227	1	SOU227-037	Thallium	1.28E+01	mg/kg	Avg	5.10E-01	value
227	1	SOU227-037	Total PAH	3.42E-01	mg/kg	Avg	3.38E-01	value
227	1	SOU227-037	Uranium	4.91E+01	mg/kg	Avg	1.02E+02	value
227	1	SOU227-037	Cesium-137	1.13E-01	pCi/g	Avg	1.67E-01	value
227	1	SOU227-037	Cobalt-60	-4.78E-03	pCi/g	Avg	1.53E-02	value
227	1	SOU227-037	Neptunium-237	5.27E-01	pCi/g	Avg	7.95E-01	value
227	1	SOU227-037	Technetium-99	2.49E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-037	Uranium-234	8.85E+00	pCi/g	Avg	1.40E+01	value
227	1	SOU227-037	Uranium-235	8.42E-01	pCi/g	Avg	1.35E+00	value
227	1	SOU227-037	Uranium-238	2.61E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-038	Arsenic	7.95E+00	mg/kg	Avg	8.46E+00	value
227	1	SOU227-038	Beryllium	5.37E-01	mg/kg	Avg	5.50E-01	value
227	1	SOU227-038	Chromium	4.13E+01	mg/kg	Avg	5.34E+01	value
227	1	SOU227-038	Nickel	1.16E+02	mg/kg	Avg	1.99E+02	value
227	1	SOU227-038	PCB, Total	2.47E+00	mg/kg	Avg	3.94E+00	value
227	1	SOU227-038	Thallium	1.28E+01	mg/kg	Avg	5.10E-01	value
227	1	SOU227-038	Total PAH	3.42E-01	mg/kg	Avg	3.38E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
227	1	SOU227-038	Uranium	4.91E+01	mg/kg	Avg	1.02E+02	value
227	1	SOU227-038	Cesium-137	1.13E-01	pCi/g	Avg	1.67E-01	value
227	1	SOU227-038	Cobalt-60	-4.78E-03	pCi/g	Avg	1.53E-02	value
227	1	SOU227-038	Neptunium-237	5.27E-01	pCi/g	Avg	7.95E-01	value
227	1	SOU227-038	Technetium-99	2.49E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-038	Uranium-234	8.85E+00	pCi/g	Avg	1.40E+01	value
227	1	SOU227-038	Uranium-235	8.42E-01	pCi/g	Avg	1.35E+00	value
227	1	SOU227-038	Uranium-238	2.61E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-052	Arsenic	7.95E+00	mg/kg	Avg	8.46E+00	value
227	1	SOU227-052	Beryllium	5.37E-01	mg/kg	Avg	5.50E-01	value
227	1	SOU227-052	Chromium	4.13E+01	mg/kg	Avg	5.34E+01	value
227	1	SOU227-052	Nickel	1.16E+02	mg/kg	Avg	1.99E+02	value
227	1	SOU227-052	PCB, Total	2.47E+00	mg/kg	Avg	3.94E+00	value
227	1	SOU227-052	Thallium	1.28E+01	mg/kg	Avg	5.10E-01	value
227	1	SOU227-052	Total PAH	3.42E-01	mg/kg	Avg	3.38E-01	value
227	1	SOU227-052	Uranium	4.91E+01	mg/kg	Avg	1.02E+02	value
227	1	SOU227-052	Cesium-137	1.13E-01	pCi/g	Avg	1.67E-01	value
227	1	SOU227-052	Cobalt-60	-4.78E-03	pCi/g	Avg	1.53E-02	value
227	1	SOU227-052	Neptunium-237	5.27E-01	pCi/g	Avg	7.95E-01	value
227	1	SOU227-052	Technetium-99	2.49E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-052	Uranium-234	8.85E+00	pCi/g	Avg	1.40E+01	value
227	1	SOU227-052	Uranium-235	8.42E-01	pCi/g	Avg	1.35E+00	value
227	1	SOU227-052	Uranium-238	2.61E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-053	Arsenic	5.70E+00	mg/kg	Grid Value	8.46E+00	value
227	1	SOU227-053	Beryllium	7.90E-01	mg/kg	Grid Value	5.50E-01	value
227	1	SOU227-053	Chromium	1.62E+01	mg/kg	Grid Value	5.34E+01	value
227	1	SOU227-053	Nickel	8.89E+00	mg/kg	Grid Value	1.99E+02	value
227	1	SOU227-053	PCB, Total	6.70E-01	mg/kg	Grid Value	3.94E+00	value
227	1	SOU227-053	Thallium	1.50E+01	mg/kg	Grid Value	5.10E-01	value
227	1	SOU227-053	Total PAH	5.00E-01	mg/kg	Grid Value	3.38E-01	value
227	1	SOU227-053	Uranium	4.91E+01	mg/kg	Avg	1.02E+02	value
227	1	SOU227-053	Cesium-137	1.13E-01	pCi/g	Avg	1.67E-01	value
227	1	SOU227-053	Cobalt-60	-4.78E-03	pCi/g	Avg	1.53E-02	value
227	1	SOU227-053	Neptunium-237	5.27E-01	pCi/g	Avg	7.95E-01	value
227	1	SOU227-053	Technetium-99	3.65E-02	pCi/g	Grid Value	4.18E+01	value
227	1	SOU227-053	Uranium-234	8.85E+00	pCi/g	Avg	1.40E+01	value
227	1	SOU227-053	Uranium-235	8.42E-01	pCi/g	Avg	1.35E+00	value
227	1	SOU227-053	Uranium-238	2.61E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-054	Arsenic	7.95E+00	mg/kg	Avg	8.46E+00	value
227	1	SOU227-054	Beryllium	5.37E-01	mg/kg	Avg	5.50E-01	value
227	1	SOU227-054	Chromium	4.13E+01	mg/kg	Avg	5.34E+01	value
227	1	SOU227-054	Nickel	1.16E+02	mg/kg	Avg	1.99E+02	value
227	1	SOU227-054	PCB, Total	2.30E-01	mg/kg	Grid Value	3.94E+00	value
227	1	SOU227-054	Thallium	1.28E+01	mg/kg	Avg	5.10E-01	value
227	1	SOU227-054	Total PAH	3.42E-01	mg/kg	Avg	3.38E-01	value
227	1	SOU227-054	Uranium	4.91E+01	mg/kg	Avg	1.02E+02	value
227	1	SOU227-054	Cesium-137	1.13E-01	pCi/g	Avg	1.67E-01	value
227	1	SOU227-054	Cobalt-60	-4.78E-03	pCi/g	Avg	1.53E-02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
227	1	SOU227-054	Neptunium-237	5.27E-01	pCi/g	Avg	7.95E-01	value
227	1	SOU227-054	Technetium-99	2.49E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-054	Uranium-234	8.85E+00	pCi/g	Avg	1.40E+01	value
227	1	SOU227-054	Uranium-235	8.42E-01	pCi/g	Avg	1.35E+00	value
227	1	SOU227-054	Uranium-238	2.61E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-055	Arsenic	7.95E+00	mg/kg	Avg	8.46E+00	value
227	1	SOU227-055	Beryllium	5.37E-01	mg/kg	Avg	5.50E-01	value
227	1	SOU227-055	Chromium	4.13E+01	mg/kg	Avg	5.34E+01	value
227	1	SOU227-055	Nickel	1.16E+02	mg/kg	Avg	1.99E+02	value
227	1	SOU227-055	PCB, Total	7.90E-01	mg/kg	Grid Value	3.94E+00	value
227	1	SOU227-055	Thallium	1.28E+01	mg/kg	Avg	5.10E-01	value
227	1	SOU227-055	Total PAH	3.42E-01	mg/kg	Avg	3.38E-01	value
227	1	SOU227-055	Uranium	4.91E+01	mg/kg	Avg	1.02E+02	value
227	1	SOU227-055	Cesium-137	1.13E-01	pCi/g	Avg	1.67E-01	value
227	1	SOU227-055	Cobalt-60	-4.78E-03	pCi/g	Avg	1.53E-02	value
227	1	SOU227-055	Neptunium-237	5.27E-01	pCi/g	Avg	7.95E-01	value
227	1	SOU227-055	Technetium-99	2.49E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-055	Uranium-234	8.85E+00	pCi/g	Avg	1.40E+01	value
227	1	SOU227-055	Uranium-235	8.42E-01	pCi/g	Avg	1.35E+00	value
227	1	SOU227-055	Uranium-238	2.61E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-056	Arsenic	4.54E+00	mg/kg	Grid Value	8.46E+00	value
227	1	SOU227-056	Beryllium	4.54E-01	mg/kg	Grid Value	5.50E-01	value
227	1	SOU227-056	Chromium	1.60E+01	mg/kg	Grid Value	5.34E+01	value
227	1	SOU227-056	Nickel	1.07E+01	mg/kg	Grid Value	1.99E+02	value
227	1	SOU227-056	PCB, Total	1.97E+00	mg/kg	Grid Value	3.94E+00	value
227	1	SOU227-056	Thallium	1.82E+01	mg/kg	Grid Value	5.10E-01	value
227	1	SOU227-056	Total PAH	4.60E-01	mg/kg	Grid Value	3.38E-01	value
227	1	SOU227-056	Uranium	1.77E+01	mg/kg	Grid Value	1.02E+02	value
227	1	SOU227-056	Cesium-137	8.21E-02	pCi/g	Grid Value	1.67E-01	value
227	1	SOU227-056	Cobalt-60	-3.18E-02	pCi/g	Grid Value	1.53E-02	value
227	1	SOU227-056	Neptunium-237	3.19E-02	pCi/g	Grid Value	7.95E-01	value
227	1	SOU227-056	Technetium-99	5.38E+00	pCi/g	Grid Value	4.18E+01	value
227	1	SOU227-056	Uranium-234	1.93E+00	pCi/g	Grid Value	1.40E+01	value
227	1	SOU227-056	Uranium-235	1.49E-01	pCi/g	Grid Value	1.35E+00	value
227	1	SOU227-056	Uranium-238	5.91E+00	pCi/g	Grid Value	4.18E+01	value
227	1	SOU227-057	Arsenic	7.95E+00	mg/kg	Avg	8.46E+00	value
227	1	SOU227-057	Beryllium	5.37E-01	mg/kg	Avg	5.50E-01	value
227	1	SOU227-057	Chromium	4.13E+01	mg/kg	Avg	5.34E+01	value
227	1	SOU227-057	Nickel	1.16E+02	mg/kg	Avg	1.99E+02	value
227	1	SOU227-057	PCB, Total	1.03E+00	mg/kg	Grid Value	3.94E+00	value
227	1	SOU227-057	Thallium	1.28E+01	mg/kg	Avg	5.10E-01	value
227	1	SOU227-057	Total PAH	3.42E-01	mg/kg	Avg	3.38E-01	value
227	1	SOU227-057	Uranium	4.91E+01	mg/kg	Avg	1.02E+02	value
227	1	SOU227-057	Cesium-137	1.13E-01	pCi/g	Avg	1.67E-01	value
227	1	SOU227-057	Cobalt-60	-4.78E-03	pCi/g	Avg	1.53E-02	value
227	1	SOU227-057	Neptunium-237	5.27E-01	pCi/g	Avg	7.95E-01	value
227	1	SOU227-057	Technetium-99	2.49E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-057	Uranium-234	8.85E+00	pCi/g	Avg	1.40E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
227	1	SOU227-057	Uranium-235	8.42E-01	pCi/g	Avg	1.35E+00	value
227	1	SOU227-057	Uranium-238	2.61E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-058	Arsenic	7.95E+00	mg/kg	Avg	8.46E+00	value
227	1	SOU227-058	Beryllium	5.37E-01	mg/kg	Avg	5.50E-01	value
227	1	SOU227-058	Chromium	4.13E+01	mg/kg	Avg	5.34E+01	value
227	1	SOU227-058	Nickel	1.16E+02	mg/kg	Avg	1.99E+02	value
227	1	SOU227-058	PCB, Total	2.50E+00	mg/kg	Grid Value	3.94E+00	value
227	1	SOU227-058	Thallium	1.28E+01	mg/kg	Avg	5.10E-01	value
227	1	SOU227-058	Total PAH	3.42E-01	mg/kg	Avg	3.38E-01	value
227	1	SOU227-058	Uranium	4.91E+01	mg/kg	Avg	1.02E+02	value
227	1	SOU227-058	Cesium-137	1.13E-01	pCi/g	Avg	1.67E-01	value
227	1	SOU227-058	Cobalt-60	-4.78E-03	pCi/g	Avg	1.53E-02	value
227	1	SOU227-058	Neptunium-237	5.27E-01	pCi/g	Avg	7.95E-01	value
227	1	SOU227-058	Technetium-99	2.49E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-058	Uranium-234	8.85E+00	pCi/g	Avg	1.40E+01	value
227	1	SOU227-058	Uranium-235	8.42E-01	pCi/g	Avg	1.35E+00	value
227	1	SOU227-058	Uranium-238	2.61E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-059	Arsenic	7.95E+00	mg/kg	Avg	8.46E+00	value
227	1	SOU227-059	Beryllium	5.37E-01	mg/kg	Avg	5.50E-01	value
227	1	SOU227-059	Chromium	4.13E+01	mg/kg	Avg	5.34E+01	value
227	1	SOU227-059	Nickel	1.16E+02	mg/kg	Avg	1.99E+02	value
227	1	SOU227-059	PCB, Total	4.77E+00	mg/kg	Grid Value	3.94E+00	value
227	1	SOU227-059	Thallium	1.28E+01	mg/kg	Avg	5.10E-01	value
227	1	SOU227-059	Total PAH	3.42E-01	mg/kg	Avg	3.38E-01	value
227	1	SOU227-059	Uranium	4.91E+01	mg/kg	Avg	1.02E+02	value
227	1	SOU227-059	Cesium-137	1.13E-01	pCi/g	Avg	1.67E-01	value
227	1	SOU227-059	Cobalt-60	-4.78E-03	pCi/g	Avg	1.53E-02	value
227	1	SOU227-059	Neptunium-237	5.27E-01	pCi/g	Avg	7.95E-01	value
227	1	SOU227-059	Technetium-99	2.49E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-059	Uranium-234	8.85E+00	pCi/g	Avg	1.40E+01	value
227	1	SOU227-059	Uranium-235	8.42E-01	pCi/g	Avg	1.35E+00	value
227	1	SOU227-059	Uranium-238	2.61E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-060	Arsenic	7.95E+00	mg/kg	Avg	8.46E+00	value
227	1	SOU227-060	Beryllium	5.37E-01	mg/kg	Avg	5.50E-01	value
227	1	SOU227-060	Chromium	4.13E+01	mg/kg	Avg	5.34E+01	value
227	1	SOU227-060	Nickel	1.16E+02	mg/kg	Avg	1.99E+02	value
227	1	SOU227-060	PCB, Total	1.51E+00	mg/kg	Grid Value	3.94E+00	value
227	1	SOU227-060	Thallium	1.28E+01	mg/kg	Avg	5.10E-01	value
227	1	SOU227-060	Total PAH	3.42E-01	mg/kg	Avg	3.38E-01	value
227	1	SOU227-060	Uranium	4.91E+01	mg/kg	Avg	1.02E+02	value
227	1	SOU227-060	Cesium-137	1.13E-01	pCi/g	Avg	1.67E-01	value
227	1	SOU227-060	Cobalt-60	-4.78E-03	pCi/g	Avg	1.53E-02	value
227	1	SOU227-060	Neptunium-237	5.27E-01	pCi/g	Avg	7.95E-01	value
227	1	SOU227-060	Technetium-99	2.49E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-060	Uranium-234	8.85E+00	pCi/g	Avg	1.40E+01	value
227	1	SOU227-060	Uranium-235	8.42E-01	pCi/g	Avg	1.35E+00	value
227	1	SOU227-060	Uranium-238	2.61E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-061	Arsenic	7.95E+00	mg/kg	Avg	8.46E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
227	1	SOU227-061	Beryllium	5.37E-01	mg/kg	Avg	5.50E-01	value
227	1	SOU227-061	Chromium	4.13E+01	mg/kg	Avg	5.34E+01	value
227	1	SOU227-061	Nickel	1.16E+02	mg/kg	Avg	1.99E+02	value
227	1	SOU227-061	PCB, Total	2.47E+00	mg/kg	Avg	3.94E+00	value
227	1	SOU227-061	Thallium	1.28E+01	mg/kg	Avg	5.10E-01	value
227	1	SOU227-061	Total PAH	3.42E-01	mg/kg	Avg	3.38E-01	value
227	1	SOU227-061	Uranium	4.91E+01	mg/kg	Avg	1.02E+02	value
227	1	SOU227-061	Cesium-137	1.13E-01	pCi/g	Avg	1.67E-01	value
227	1	SOU227-061	Cobalt-60	-4.78E-03	pCi/g	Avg	1.53E-02	value
227	1	SOU227-061	Neptunium-237	5.27E-01	pCi/g	Avg	7.95E-01	value
227	1	SOU227-061	Technetium-99	2.49E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-061	Uranium-234	8.85E+00	pCi/g	Avg	1.40E+01	value
227	1	SOU227-061	Uranium-235	8.42E-01	pCi/g	Avg	1.35E+00	value
227	1	SOU227-061	Uranium-238	2.61E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-062	Arsenic	7.95E+00	mg/kg	Avg	8.46E+00	value
227	1	SOU227-062	Beryllium	5.37E-01	mg/kg	Avg	5.50E-01	value
227	1	SOU227-062	Chromium	4.13E+01	mg/kg	Avg	5.34E+01	value
227	1	SOU227-062	Nickel	1.16E+02	mg/kg	Avg	1.99E+02	value
227	1	SOU227-062	PCB, Total	2.47E+00	mg/kg	Avg	3.94E+00	value
227	1	SOU227-062	Thallium	1.28E+01	mg/kg	Avg	5.10E-01	value
227	1	SOU227-062	Total PAH	3.42E-01	mg/kg	Avg	3.38E-01	value
227	1	SOU227-062	Uranium	4.91E+01	mg/kg	Avg	1.02E+02	value
227	1	SOU227-062	Cesium-137	1.13E-01	pCi/g	Avg	1.67E-01	value
227	1	SOU227-062	Cobalt-60	-4.78E-03	pCi/g	Avg	1.53E-02	value
227	1	SOU227-062	Neptunium-237	5.27E-01	pCi/g	Avg	7.95E-01	value
227	1	SOU227-062	Technetium-99	2.49E+01	pCi/g	Avg	4.18E+01	value
227	1	SOU227-062	Uranium-234	8.85E+00	pCi/g	Avg	1.40E+01	value
227	1	SOU227-062	Uranium-235	8.42E-01	pCi/g	Avg	1.35E+00	value
227	1	SOU227-062	Uranium-238	2.61E+01	pCi/g	Avg	4.18E+01	value
227	2	SOU227-016	Arsenic	1.10E+01	mg/kg	Grid Value	8.34E+00	value
227	2	SOU227-016	Barium	1.24E+02	mg/kg	Avg	1.35E+02	value
227	2	SOU227-016	Beryllium	5.35E-01	mg/kg	Avg	5.63E-01	value
227	2	SOU227-016	Chromium	3.37E+01	mg/kg	Grid Value	4.55E+01	value
227	2	SOU227-016	Cobalt	9.57E+00	mg/kg	Avg	1.06E+01	value
227	2	SOU227-016	Manganese	4.48E+02	mg/kg	Grid Value	7.38E+02	value
227	2	SOU227-016	Mercury	1.00E+01	mg/kg	Grid Value	8.32E+00	value
227	2	SOU227-016	Nickel	1.05E+02	mg/kg	Grid Value	1.23E+02	value
227	2	SOU227-016	PCB, Total	5.00E+00	mg/kg	Grid Value	4.75E+00	value
227	2	SOU227-016	Silver	1.00E+01	mg/kg	Grid Value	8.52E+00	value
227	2	SOU227-016	Total PAH	3.40E-01	mg/kg	Avg	1.16E-01	value
227	2	SOU227-016	Uranium	8.75E+00	mg/kg	Grid Value	1.51E+01	value
227	2	SOU227-016	Vanadium	2.33E+01	mg/kg	Avg	2.46E+01	value
227	2	SOU227-016	Cobalt-60	8.85E-03	pCi/g	Avg	1.37E-02	value
227	2	SOU227-016	Neptunium-237	2.78E-02	pCi/g	Avg	3.83E-02	value
227	2	SOU227-016	Uranium-238	1.47E+00	pCi/g	Avg	1.57E+00	value
227	2	SOU227-017	Arsenic	9.58E+00	mg/kg	Grid Value	8.34E+00	value
227	2	SOU227-017	Barium	1.24E+02	mg/kg	Avg	1.35E+02	value
227	2	SOU227-017	Beryllium	5.35E-01	mg/kg	Avg	5.63E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
227	2	SOU227-017	Chromium	5.63E+01	mg/kg	Grid Value	4.55E+01	value
227	2	SOU227-017	Cobalt	9.57E+00	mg/kg	Avg	1.06E+01	value
227	2	SOU227-017	Manganese	6.35E+02	mg/kg	Grid Value	7.38E+02	value
227	2	SOU227-017	Mercury	1.00E+01	mg/kg	Grid Value	8.32E+00	value
227	2	SOU227-017	Nickel	9.41E+01	mg/kg	Grid Value	1.23E+02	value
227	2	SOU227-017	PCB, Total	5.00E+00	mg/kg	Grid Value	4.75E+00	value
227	2	SOU227-017	Silver	1.00E+01	mg/kg	Grid Value	8.52E+00	value
227	2	SOU227-017	Total PAH	3.40E-01	mg/kg	Avg	1.16E-01	value
227	2	SOU227-017	Uranium	1.04E+01	mg/kg	Grid Value	1.51E+01	value
227	2	SOU227-017	Vanadium	2.33E+01	mg/kg	Avg	2.46E+01	value
227	2	SOU227-017	Cobalt-60	8.85E-03	pCi/g	Avg	1.37E-02	value
227	2	SOU227-017	Neptunium-237	2.78E-02	pCi/g	Avg	3.83E-02	value
227	2	SOU227-017	Uranium-238	1.47E+00	pCi/g	Avg	1.57E+00	value
227	2	SOU227-018	Arsenic	1.10E+01	mg/kg	Grid Value	8.34E+00	value
227	2	SOU227-018	Barium	1.24E+02	mg/kg	Avg	1.35E+02	value
227	2	SOU227-018	Beryllium	5.35E-01	mg/kg	Avg	5.63E-01	value
227	2	SOU227-018	Chromium	3.28E+01	mg/kg	Grid Value	4.55E+01	value
227	2	SOU227-018	Cobalt	9.57E+00	mg/kg	Avg	1.06E+01	value
227	2	SOU227-018	Manganese	6.61E+02	mg/kg	Grid Value	7.38E+02	value
227	2	SOU227-018	Mercury	1.00E+01	mg/kg	Grid Value	8.32E+00	value
227	2	SOU227-018	Nickel	1.88E+02	mg/kg	Grid Value	1.23E+02	value
227	2	SOU227-018	PCB, Total	5.00E+00	mg/kg	Grid Value	4.75E+00	value
227	2	SOU227-018	Silver	1.00E+01	mg/kg	Grid Value	8.52E+00	value
227	2	SOU227-018	Total PAH	3.40E-01	mg/kg	Avg	1.16E-01	value
227	2	SOU227-018	Uranium	1.16E+01	mg/kg	Grid Value	1.51E+01	value
227	2	SOU227-018	Vanadium	2.33E+01	mg/kg	Avg	2.46E+01	value
227	2	SOU227-018	Cobalt-60	8.85E-03	pCi/g	Avg	1.37E-02	value
227	2	SOU227-018	Neptunium-237	2.78E-02	pCi/g	Avg	3.83E-02	value
227	2	SOU227-018	Uranium-238	1.47E+00	pCi/g	Avg	1.57E+00	value
227	2	SOU227-019	Arsenic	4.60E+00	mg/kg	Grid Value	8.34E+00	value
227	2	SOU227-019	Barium	1.97E+02	mg/kg	Grid Value	1.35E+02	value
227	2	SOU227-019	Beryllium	9.00E-01	mg/kg	Grid Value	5.63E-01	value
227	2	SOU227-019	Chromium	1.82E+01	mg/kg	Grid Value	4.55E+01	value
227	2	SOU227-019	Cobalt	8.70E+00	mg/kg	Grid Value	1.06E+01	value
227	2	SOU227-019	Manganese	1.09E+03	mg/kg	Grid Value	7.38E+02	value
227	2	SOU227-019	Mercury	1.00E-01	mg/kg	Grid Value	8.32E+00	value
227	2	SOU227-019	Nickel	1.92E+02	mg/kg	Grid Value	1.23E+02	value
227	2	SOU227-019	PCB, Total	8.90E-01	mg/kg	Grid Value	4.75E+00	value
227	2	SOU227-019	Silver	2.20E+00	mg/kg	Grid Value	8.52E+00	value
227	2	SOU227-019	Total PAH	4.10E-01	mg/kg	Grid Value	1.16E-01	value
227	2	SOU227-019	Uranium	1.51E+01	mg/kg	Grid Value	1.51E+01	value
227	2	SOU227-019	Vanadium	3.92E+01	mg/kg	Grid Value	2.46E+01	value
227	2	SOU227-019	Cobalt-60	8.85E-03	pCi/g	Avg	1.37E-02	value
227	2	SOU227-019	Neptunium-237	2.78E-02	pCi/g	Avg	3.83E-02	value
227	2	SOU227-019	Uranium-238	1.47E+00	pCi/g	Avg	1.57E+00	value
227	2	SOU227-020	Arsenic	7.79E+00	mg/kg	Avg	8.34E+00	value
227	2	SOU227-020	Barium	1.24E+02	mg/kg	Avg	1.35E+02	value
227	2	SOU227-020	Beryllium	5.35E-01	mg/kg	Avg	5.63E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
227	2	SOU227-020	Chromium	3.43E+01	mg/kg	Avg	4.55E+01	value
227	2	SOU227-020	Cobalt	9.57E+00	mg/kg	Avg	1.06E+01	value
227	2	SOU227-020	Manganese	6.20E+02	mg/kg	Avg	7.38E+02	value
227	2	SOU227-020	Mercury	5.74E+00	mg/kg	Avg	8.32E+00	value
227	2	SOU227-020	Nickel	9.00E+01	mg/kg	Avg	1.23E+02	value
227	2	SOU227-020	PCB, Total	4.70E-01	mg/kg	Grid Value	4.75E+00	value
227	2	SOU227-020	Silver	6.23E+00	mg/kg	Avg	8.52E+00	value
227	2	SOU227-020	Total PAH	3.40E-01	mg/kg	Avg	1.16E-01	value
227	2	SOU227-020	Uranium	2.33E+01	mg/kg	Avg	1.51E+01	value
227	2	SOU227-020	Vanadium	2.33E+01	mg/kg	Avg	2.46E+01	value
227	2	SOU227-020	Cobalt-60	8.85E-03	pCi/g	Avg	1.37E-02	value
227	2	SOU227-020	Neptunium-237	2.78E-02	pCi/g	Avg	3.83E-02	value
227	2	SOU227-020	Uranium-238	1.47E+00	pCi/g	Avg	1.57E+00	value
227	2	SOU227-021	Arsenic	7.97E+00	mg/kg	Grid Value	8.34E+00	value
227	2	SOU227-021	Barium	1.24E+02	mg/kg	Avg	1.35E+02	value
227	2	SOU227-021	Beryllium	5.35E-01	mg/kg	Avg	5.63E-01	value
227	2	SOU227-021	Chromium	8.50E+01	mg/kg	Grid Value	4.55E+01	value
227	2	SOU227-021	Cobalt	9.57E+00	mg/kg	Avg	1.06E+01	value
227	2	SOU227-021	Manganese	3.43E+02	mg/kg	Grid Value	7.38E+02	value
227	2	SOU227-021	Mercury	1.00E+01	mg/kg	Grid Value	8.32E+00	value
227	2	SOU227-021	Nickel	1.42E+02	mg/kg	Grid Value	1.23E+02	value
227	2	SOU227-021	PCB, Total	5.00E+00	mg/kg	Grid Value	4.75E+00	value
227	2	SOU227-021	Silver	1.00E+01	mg/kg	Grid Value	8.52E+00	value
227	2	SOU227-021	Total PAH	3.40E-01	mg/kg	Avg	1.16E-01	value
227	2	SOU227-021	Uranium	2.00E+01	mg/kg	Grid Value	1.51E+01	value
227	2	SOU227-021	Vanadium	2.33E+01	mg/kg	Avg	2.46E+01	value
227	2	SOU227-021	Cobalt-60	8.85E-03	pCi/g	Avg	1.37E-02	value
227	2	SOU227-021	Neptunium-237	2.78E-02	pCi/g	Avg	3.83E-02	value
227	2	SOU227-021	Uranium-238	1.47E+00	pCi/g	Avg	1.57E+00	value
227	2	SOU227-022	Arsenic	8.34E+00	mg/kg	Grid Value	8.34E+00	value
227	2	SOU227-022	Barium	1.24E+02	mg/kg	Avg	1.35E+02	value
227	2	SOU227-022	Beryllium	5.35E-01	mg/kg	Avg	5.63E-01	value
227	2	SOU227-022	Chromium	4.28E+01	mg/kg	Grid Value	4.55E+01	value
227	2	SOU227-022	Cobalt	9.57E+00	mg/kg	Avg	1.06E+01	value
227	2	SOU227-022	Manganese	3.09E+02	mg/kg	Grid Value	7.38E+02	value
227	2	SOU227-022	Mercury	1.00E+01	mg/kg	Grid Value	8.32E+00	value
227	2	SOU227-022	Nickel	9.70E+01	mg/kg	Grid Value	1.23E+02	value
227	2	SOU227-022	PCB, Total	5.00E+00	mg/kg	Grid Value	4.75E+00	value
227	2	SOU227-022	Silver	1.00E+01	mg/kg	Grid Value	8.52E+00	value
227	2	SOU227-022	Total PAH	3.40E-01	mg/kg	Avg	1.16E-01	value
227	2	SOU227-022	Uranium	8.78E+00	mg/kg	Grid Value	1.51E+01	value
227	2	SOU227-022	Vanadium	2.33E+01	mg/kg	Avg	2.46E+01	value
227	2	SOU227-022	Cobalt-60	8.85E-03	pCi/g	Avg	1.37E-02	value
227	2	SOU227-022	Neptunium-237	2.78E-02	pCi/g	Avg	3.83E-02	value
227	2	SOU227-022	Uranium-238	1.47E+00	pCi/g	Avg	1.57E+00	value
227	2	SOU227-023	Arsenic	9.55E+00	mg/kg	Grid Value	8.34E+00	value
227	2	SOU227-023	Barium	2.75E+02	mg/kg	Grid Value	1.35E+02	value
227	2	SOU227-023	Beryllium	7.00E-01	mg/kg	Grid Value	5.63E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
227	2	SOU227-023	Chromium	4.40E+01	mg/kg	Grid Value	4.55E+01	value
227	2	SOU227-023	Cobalt	2.44E+01	mg/kg	Grid Value	1.06E+01	value
227	2	SOU227-023	Manganese	2.39E+03	mg/kg	Grid Value	7.38E+02	value
227	2	SOU227-023	Mercury	8.41E+00	mg/kg	Grid Value	8.32E+00	value
227	2	SOU227-023	Nickel	1.43E+02	mg/kg	Grid Value	1.23E+02	value
227	2	SOU227-023	PCB, Total	6.70E-01	mg/kg	Grid Value	4.75E+00	value
227	2	SOU227-023	Silver	2.00E-01	mg/kg	Grid Value	8.52E+00	value
227	2	SOU227-023	Total PAH	1.16E-01	mg/kg	Grid Value	1.16E-01	value
227	2	SOU227-023	Uranium	9.00E+00	mg/kg	Grid Value	1.51E+01	value
227	2	SOU227-023	Vanadium	2.96E+01	mg/kg	Grid Value	2.46E+01	value
227	2	SOU227-023	Cobalt-60	8.85E-03	pCi/g	Avg	1.37E-02	value
227	2	SOU227-023	Neptunium-237	8.50E-02	pCi/g	Grid Value	3.83E-02	value
227	2	SOU227-023	Uranium-238	2.45E+00	pCi/g	Grid Value	1.57E+00	value
227	2	SOU227-024	Arsenic	6.73E+00	mg/kg	Grid Value	8.34E+00	value
227	2	SOU227-024	Barium	1.24E+02	mg/kg	Avg	1.35E+02	value
227	2	SOU227-024	Beryllium	5.35E-01	mg/kg	Avg	5.63E-01	value
227	2	SOU227-024	Chromium	3.93E+01	mg/kg	Grid Value	4.55E+01	value
227	2	SOU227-024	Cobalt	9.57E+00	mg/kg	Avg	1.06E+01	value
227	2	SOU227-024	Manganese	2.55E+02	mg/kg	Grid Value	7.38E+02	value
227	2	SOU227-024	Mercury	7.09E+00	mg/kg	Grid Value	8.32E+00	value
227	2	SOU227-024	Nickel	6.50E+01	mg/kg	Grid Value	1.23E+02	value
227	2	SOU227-024	PCB, Total	5.00E+00	mg/kg	Grid Value	4.75E+00	value
227	2	SOU227-024	Silver	1.00E+01	mg/kg	Grid Value	8.52E+00	value
227	2	SOU227-024	Total PAH	3.40E-01	mg/kg	Avg	1.16E-01	value
227	2	SOU227-024	Uranium	2.00E+01	mg/kg	Grid Value	1.51E+01	value
227	2	SOU227-024	Vanadium	2.33E+01	mg/kg	Avg	2.46E+01	value
227	2	SOU227-024	Cobalt-60	8.85E-03	pCi/g	Avg	1.37E-02	value
227	2	SOU227-024	Neptunium-237	2.78E-02	pCi/g	Avg	3.83E-02	value
227	2	SOU227-024	Uranium-238	1.47E+00	pCi/g	Avg	1.57E+00	value
227	2	SOU227-025	Arsenic	4.47E+00	mg/kg	Grid Value	8.34E+00	value
227	2	SOU227-025	Barium	7.71E+01	mg/kg	Grid Value	1.35E+02	value
227	2	SOU227-025	Beryllium	4.74E-01	mg/kg	Grid Value	5.63E-01	value
227	2	SOU227-025	Chromium	3.69E+01	mg/kg	Grid Value	4.55E+01	value
227	2	SOU227-025	Cobalt	6.82E+00	mg/kg	Grid Value	1.06E+01	value
227	2	SOU227-025	Manganese	3.09E+02	mg/kg	Grid Value	7.38E+02	value
227	2	SOU227-025	Mercury	7.70E-02	mg/kg	Grid Value	8.32E+00	value
227	2	SOU227-025	Nickel	8.49E+01	mg/kg	Grid Value	1.23E+02	value
227	2	SOU227-025	PCB, Total	1.30E-01	mg/kg	Grid Value	4.75E+00	value
227	2	SOU227-025	Silver	2.37E+00	mg/kg	Grid Value	8.52E+00	value
227	2	SOU227-025	Total PAH	4.80E-01	mg/kg	Grid Value	1.16E-01	value
227	2	SOU227-025	Uranium	8.56E+00	mg/kg	Grid Value	1.51E+01	value
227	2	SOU227-025	Vanadium	2.78E+01	mg/kg	Grid Value	2.46E+01	value
227	2	SOU227-025	Cobalt-60	1.31E-02	pCi/g	Grid Value	1.37E-02	value
227	2	SOU227-025	Neptunium-237	7.92E-03	pCi/g	Grid Value	3.83E-02	value
227	2	SOU227-025	Uranium-238	6.71E-01	pCi/g	Grid Value	1.57E+00	value
227	2	SOU227-026	Arsenic	1.10E+01	mg/kg	Grid Value	8.34E+00	value
227	2	SOU227-026	Barium	1.24E+02	mg/kg	Avg	1.35E+02	value
227	2	SOU227-026	Beryllium	5.35E-01	mg/kg	Avg	5.63E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
227	2	SOU227-026	Chromium	4.95E+01	mg/kg	Grid Value	4.55E+01	value
227	2	SOU227-026	Cobalt	9.57E+00	mg/kg	Avg	1.06E+01	value
227	2	SOU227-026	Manganese	3.50E+02	mg/kg	Grid Value	7.38E+02	value
227	2	SOU227-026	Mercury	1.00E+01	mg/kg	Grid Value	8.32E+00	value
227	2	SOU227-026	Nickel	1.17E+02	mg/kg	Grid Value	1.23E+02	value
227	2	SOU227-026	PCB, Total	5.00E+00	mg/kg	Grid Value	4.75E+00	value
227	2	SOU227-026	Silver	1.00E+01	mg/kg	Grid Value	8.52E+00	value
227	2	SOU227-026	Total PAH	3.40E-01	mg/kg	Avg	1.16E-01	value
227	2	SOU227-026	Uranium	8.92E+00	mg/kg	Grid Value	1.51E+01	value
227	2	SOU227-026	Vanadium	2.33E+01	mg/kg	Avg	2.46E+01	value
227	2	SOU227-026	Cobalt-60	8.85E-03	pCi/g	Avg	1.37E-02	value
227	2	SOU227-026	Neptunium-237	2.78E-02	pCi/g	Avg	3.83E-02	value
227	2	SOU227-026	Uranium-238	1.47E+00	pCi/g	Avg	1.57E+00	value
227	2	SOU227-027	Arsenic	1.10E+01	mg/kg	Grid Value	8.34E+00	value
227	2	SOU227-027	Barium	1.24E+02	mg/kg	Avg	1.35E+02	value
227	2	SOU227-027	Beryllium	5.35E-01	mg/kg	Avg	5.63E-01	value
227	2	SOU227-027	Chromium	3.59E+01	mg/kg	Grid Value	4.55E+01	value
227	2	SOU227-027	Cobalt	9.57E+00	mg/kg	Avg	1.06E+01	value
227	2	SOU227-027	Manganese	2.99E+02	mg/kg	Grid Value	7.38E+02	value
227	2	SOU227-027	Mercury	1.00E+01	mg/kg	Grid Value	8.32E+00	value
227	2	SOU227-027	Nickel	8.61E+01	mg/kg	Grid Value	1.23E+02	value
227	2	SOU227-027	PCB, Total	5.00E+00	mg/kg	Grid Value	4.75E+00	value
227	2	SOU227-027	Silver	1.01E+01	mg/kg	Grid Value	8.52E+00	value
227	2	SOU227-027	Total PAH	3.40E-01	mg/kg	Avg	1.16E-01	value
227	2	SOU227-027	Uranium	2.00E+01	mg/kg	Grid Value	1.51E+01	value
227	2	SOU227-027	Vanadium	2.33E+01	mg/kg	Avg	2.46E+01	value
227	2	SOU227-027	Cobalt-60	8.85E-03	pCi/g	Avg	1.37E-02	value
227	2	SOU227-027	Neptunium-237	2.78E-02	pCi/g	Avg	3.83E-02	value
227	2	SOU227-027	Uranium-238	1.47E+00	pCi/g	Avg	1.57E+00	value
227	2	027C	Arsenic	7.36E+00	mg/kg	Grid Value	8.34E+00	value
227	2	027C	Barium	6.68E+01	mg/kg	Grid Value	1.35E+02	value
227	2	027C	Beryllium	2.40E-01	mg/kg	Grid Value	5.63E-01	value
227	2	027C	Chromium	9.40E+00	mg/kg	Grid Value	4.55E+01	value
227	2	027C	Cobalt	4.00E+00	mg/kg	Grid Value	1.06E+01	value
227	2	027C	Manganese	3.85E+02	mg/kg	Grid Value	7.38E+02	value
227	2	027C	Mercury	2.66E-02	mg/kg	Grid Value	8.32E+00	value
227	2	027C	Nickel	6.10E+00	mg/kg	Grid Value	1.23E+02	value
227	2	027C	PCB, Total	5.00E+00	mg/kg	Grid Value	4.75E+00	value
227	2	027C	Silver	3.10E-02	mg/kg	Grid Value	8.52E+00	value
227	2	027C	Total PAH	3.40E-01	mg/kg	Avg	1.16E-01	value
227	2	027C	Uranium	1.50E+00	mg/kg	Grid Value	1.51E+01	value
227	2	027C	Vanadium	1.67E+01	mg/kg	Grid Value	2.46E+01	value
227	2	027C	Cobalt-60	8.85E-03	pCi/g	Avg	1.37E-02	value
227	2	027C	Neptunium-237	2.78E-02	pCi/g	Avg	3.83E-02	value
227	2	027C	Uranium-238	1.47E+00	pCi/g	Avg	1.57E+00	value
227	2	SOU227-039	Arsenic	7.79E+00	mg/kg	Avg	8.34E+00	value
227	2	SOU227-039	Barium	1.24E+02	mg/kg	Avg	1.35E+02	value
227	2	SOU227-039	Beryllium	5.35E-01	mg/kg	Avg	5.63E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
227	2	SOU227-039	Chromium	3.43E+01	mg/kg	Avg	4.55E+01	value
227	2	SOU227-039	Cobalt	9.57E+00	mg/kg	Avg	1.06E+01	value
227	2	SOU227-039	Manganese	6.20E+02	mg/kg	Avg	7.38E+02	value
227	2	SOU227-039	Mercury	5.74E+00	mg/kg	Avg	8.32E+00	value
227	2	SOU227-039	Nickel	9.00E+01	mg/kg	Avg	1.23E+02	value
227	2	SOU227-039	PCB, Total	3.41E+00	mg/kg	Avg	4.75E+00	value
227	2	SOU227-039	Silver	6.23E+00	mg/kg	Avg	8.52E+00	value
227	2	SOU227-039	Total PAH	3.40E-01	mg/kg	Avg	1.16E-01	value
227	2	SOU227-039	Uranium	2.33E+01	mg/kg	Avg	1.51E+01	value
227	2	SOU227-039	Vanadium	2.33E+01	mg/kg	Avg	2.46E+01	value
227	2	SOU227-039	Cobalt-60	8.85E-03	pCi/g	Avg	1.37E-02	value
227	2	SOU227-039	Neptunium-237	2.78E-02	pCi/g	Avg	3.83E-02	value
227	2	SOU227-039	Uranium-238	1.47E+00	pCi/g	Avg	1.57E+00	value
227	2	SOU227-040	Arsenic	7.79E+00	mg/kg	Avg	8.34E+00	value
227	2	SOU227-040	Barium	1.24E+02	mg/kg	Avg	1.35E+02	value
227	2	SOU227-040	Beryllium	5.35E-01	mg/kg	Avg	5.63E-01	value
227	2	SOU227-040	Chromium	3.43E+01	mg/kg	Avg	4.55E+01	value
227	2	SOU227-040	Cobalt	9.57E+00	mg/kg	Avg	1.06E+01	value
227	2	SOU227-040	Manganese	6.20E+02	mg/kg	Avg	7.38E+02	value
227	2	SOU227-040	Mercury	5.74E+00	mg/kg	Avg	8.32E+00	value
227	2	SOU227-040	Nickel	9.00E+01	mg/kg	Avg	1.23E+02	value
227	2	SOU227-040	PCB, Total	3.41E+00	mg/kg	Avg	4.75E+00	value
227	2	SOU227-040	Silver	6.23E+00	mg/kg	Avg	8.52E+00	value
227	2	SOU227-040	Total PAH	3.40E-01	mg/kg	Avg	1.16E-01	value
227	2	SOU227-040	Uranium	2.33E+01	mg/kg	Avg	1.51E+01	value
227	2	SOU227-040	Vanadium	2.33E+01	mg/kg	Avg	2.46E+01	value
227	2	SOU227-040	Cobalt-60	8.85E-03	pCi/g	Avg	1.37E-02	value
227	2	SOU227-040	Neptunium-237	2.78E-02	pCi/g	Avg	3.83E-02	value
227	2	SOU227-040	Uranium-238	1.47E+00	pCi/g	Avg	1.57E+00	value
227	2	SOU227-041	Arsenic	7.79E+00	mg/kg	Avg	8.34E+00	value
227	2	SOU227-041	Barium	1.24E+02	mg/kg	Avg	1.35E+02	value
227	2	SOU227-041	Beryllium	5.35E-01	mg/kg	Avg	5.63E-01	value
227	2	SOU227-041	Chromium	3.43E+01	mg/kg	Avg	4.55E+01	value
227	2	SOU227-041	Cobalt	9.57E+00	mg/kg	Avg	1.06E+01	value
227	2	SOU227-041	Manganese	6.20E+02	mg/kg	Avg	7.38E+02	value
227	2	SOU227-041	Mercury	5.74E+00	mg/kg	Avg	8.32E+00	value
227	2	SOU227-041	Nickel	9.00E+01	mg/kg	Avg	1.23E+02	value
227	2	SOU227-041	PCB, Total	1.30E-01	mg/kg	Grid Value	4.75E+00	value
227	2	SOU227-041	Silver	6.23E+00	mg/kg	Avg	8.52E+00	value
227	2	SOU227-041	Total PAH	3.40E-01	mg/kg	Avg	1.16E-01	value
227	2	SOU227-041	Uranium	2.33E+01	mg/kg	Avg	1.51E+01	value
227	2	SOU227-041	Vanadium	2.33E+01	mg/kg	Avg	2.46E+01	value
227	2	SOU227-041	Cobalt-60	8.85E-03	pCi/g	Avg	1.37E-02	value
227	2	SOU227-041	Neptunium-237	2.78E-02	pCi/g	Avg	3.83E-02	value
227	2	SOU227-041	Uranium-238	1.47E+00	pCi/g	Avg	1.57E+00	value
227	2	SOU227-042	Arsenic	7.79E+00	mg/kg	Avg	8.34E+00	value
227	2	SOU227-042	Barium	1.24E+02	mg/kg	Avg	1.35E+02	value
227	2	SOU227-042	Beryllium	5.35E-01	mg/kg	Avg	5.63E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
227	2	SOU227-042	Chromium	3.43E+01	mg/kg	Avg	4.55E+01	value
227	2	SOU227-042	Cobalt	9.57E+00	mg/kg	Avg	1.06E+01	value
227	2	SOU227-042	Manganese	6.20E+02	mg/kg	Avg	7.38E+02	value
227	2	SOU227-042	Mercury	5.74E+00	mg/kg	Avg	8.32E+00	value
227	2	SOU227-042	Nickel	9.00E+01	mg/kg	Avg	1.23E+02	value
227	2	SOU227-042	PCB, Total	3.41E+00	mg/kg	Avg	4.75E+00	value
227	2	SOU227-042	Silver	6.23E+00	mg/kg	Avg	8.52E+00	value
227	2	SOU227-042	Total PAH	3.40E-01	mg/kg	Avg	1.16E-01	value
227	2	SOU227-042	Uranium	2.33E+01	mg/kg	Avg	1.51E+01	value
227	2	SOU227-042	Vanadium	2.33E+01	mg/kg	Avg	2.46E+01	value
227	2	SOU227-042	Cobalt-60	8.85E-03	pCi/g	Avg	1.37E-02	value
227	2	SOU227-042	Neptunium-237	2.78E-02	pCi/g	Avg	3.83E-02	value
227	2	SOU227-042	Uranium-238	1.47E+00	pCi/g	Avg	1.57E+00	value
227	2	SOU227-043	Arsenic	5.00E+00	mg/kg	Grid Value	8.34E+00	value
227	2	SOU227-043	Barium	8.35E+01	mg/kg	Grid Value	1.35E+02	value
227	2	SOU227-043	Beryllium	5.00E-01	mg/kg	Grid Value	5.63E-01	value
227	2	SOU227-043	Chromium	9.83E+00	mg/kg	Grid Value	4.55E+01	value
227	2	SOU227-043	Cobalt	5.29E+00	mg/kg	Grid Value	1.06E+01	value
227	2	SOU227-043	Manganese	4.77E+02	mg/kg	Grid Value	7.38E+02	value
227	2	SOU227-043	Mercury	2.00E-01	mg/kg	Grid Value	8.32E+00	value
227	2	SOU227-043	Nickel	1.01E+01	mg/kg	Grid Value	1.23E+02	value
227	2	SOU227-043	PCB, Total	1.20E-01	mg/kg	Grid Value	4.75E+00	value
227	2	SOU227-043	Silver	4.00E+00	mg/kg	Grid Value	8.52E+00	value
227	2	SOU227-043	Total PAH	4.80E-01	mg/kg	Grid Value	1.16E-01	value
227	2	SOU227-043	Uranium	2.00E+02	mg/kg	Grid Value	1.51E+01	value
227	2	SOU227-043	Vanadium	1.77E+01	mg/kg	Grid Value	2.46E+01	value
227	2	SOU227-043	Cobalt-60	-5.57E-03	pCi/g	Grid Value	1.37E-02	value
227	2	SOU227-043	Neptunium-237	-4.40E-03	pCi/g	Grid Value	3.83E-02	value
227	2	SOU227-043	Uranium-238	1.97E+00	pCi/g	Grid Value	1.57E+00	value
227	2	SOU227-063	Arsenic	7.79E+00	mg/kg	Avg	8.34E+00	value
227	2	SOU227-063	Barium	1.24E+02	mg/kg	Avg	1.35E+02	value
227	2	SOU227-063	Beryllium	5.35E-01	mg/kg	Avg	5.63E-01	value
227	2	SOU227-063	Chromium	3.43E+01	mg/kg	Avg	4.55E+01	value
227	2	SOU227-063	Cobalt	9.57E+00	mg/kg	Avg	1.06E+01	value
227	2	SOU227-063	Manganese	6.20E+02	mg/kg	Avg	7.38E+02	value
227	2	SOU227-063	Mercury	5.74E+00	mg/kg	Avg	8.32E+00	value
227	2	SOU227-063	Nickel	9.00E+01	mg/kg	Avg	1.23E+02	value
227	2	SOU227-063	PCB, Total	2.49E+00	mg/kg	Grid Value	4.75E+00	value
227	2	SOU227-063	Silver	6.23E+00	mg/kg	Avg	8.52E+00	value
227	2	SOU227-063	Total PAH	3.40E-01	mg/kg	Avg	1.16E-01	value
227	2	SOU227-063	Uranium	2.33E+01	mg/kg	Avg	1.51E+01	value
227	2	SOU227-063	Vanadium	2.33E+01	mg/kg	Avg	2.46E+01	value
227	2	SOU227-063	Cobalt-60	8.85E-03	pCi/g	Avg	1.37E-02	value
227	2	SOU227-063	Neptunium-237	2.78E-02	pCi/g	Avg	3.83E-02	value
227	2	SOU227-063	Uranium-238	1.47E+00	pCi/g	Avg	1.57E+00	value
227	2	SOU227-064	Arsenic	7.79E+00	mg/kg	Avg	8.34E+00	value
227	2	SOU227-064	Barium	1.24E+02	mg/kg	Avg	1.35E+02	value
227	2	SOU227-064	Beryllium	5.35E-01	mg/kg	Avg	5.63E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
227	2	SOU227-064	Chromium	3.43E+01	mg/kg	Avg	4.55E+01	value
227	2	SOU227-064	Cobalt	9.57E+00	mg/kg	Avg	1.06E+01	value
227	2	SOU227-064	Manganese	6.20E+02	mg/kg	Avg	7.38E+02	value
227	2	SOU227-064	Mercury	5.74E+00	mg/kg	Avg	8.32E+00	value
227	2	SOU227-064	Nickel	9.00E+01	mg/kg	Avg	1.23E+02	value
227	2	SOU227-064	PCB, Total	2.25E+00	mg/kg	Grid Value	4.75E+00	value
227	2	SOU227-064	Silver	6.23E+00	mg/kg	Avg	8.52E+00	value
227	2	SOU227-064	Total PAH	3.40E-01	mg/kg	Avg	1.16E-01	value
227	2	SOU227-064	Uranium	2.33E+01	mg/kg	Avg	1.51E+01	value
227	2	SOU227-064	Vanadium	2.33E+01	mg/kg	Avg	2.46E+01	value
227	2	SOU227-064	Cobalt-60	8.85E-03	pCi/g	Avg	1.37E-02	value
227	2	SOU227-064	Neptunium-237	2.78E-02	pCi/g	Avg	3.83E-02	value
227	2	SOU227-064	Uranium-238	1.47E+00	pCi/g	Avg	1.57E+00	value
227	2	SOU227-065	Arsenic	4.52E+00	mg/kg	Grid Value	8.34E+00	value
227	2	SOU227-065	Barium	7.51E+01	mg/kg	Grid Value	1.35E+02	value
227	2	SOU227-065	Beryllium	4.52E-01	mg/kg	Grid Value	5.63E-01	value
227	2	SOU227-065	Chromium	1.07E+01	mg/kg	Grid Value	4.55E+01	value
227	2	SOU227-065	Cobalt	1.48E+01	mg/kg	Grid Value	1.06E+01	value
227	2	SOU227-065	Manganese	1.15E+03	mg/kg	Grid Value	7.38E+02	value
227	2	SOU227-065	Mercury	7.80E-02	mg/kg	Grid Value	8.32E+00	value
227	2	SOU227-065	Nickel	4.52E+00	mg/kg	Grid Value	1.23E+02	value
227	2	SOU227-065	PCB, Total	2.10E-01	mg/kg	Grid Value	4.75E+00	value
227	2	SOU227-065	Silver	2.26E+00	mg/kg	Grid Value	8.52E+00	value
227	2	SOU227-065	Total PAH	4.90E-01	mg/kg	Grid Value	1.16E-01	value
227	2	SOU227-065	Uranium	1.11E+00	mg/kg	Grid Value	1.51E+01	value
227	2	SOU227-065	Vanadium	1.81E+01	mg/kg	Grid Value	2.46E+01	value
227	2	SOU227-065	Cobalt-60	-6.84E-03	pCi/g	Grid Value	1.37E-02	value
227	2	SOU227-065	Neptunium-237	7.45E-03	pCi/g	Grid Value	3.83E-02	value
227	2	SOU227-065	Uranium-238	3.73E-01	pCi/g	Grid Value	1.57E+00	value
227	2	SOU227-066	Arsenic	7.79E+00	mg/kg	Avg	8.34E+00	value
227	2	SOU227-066	Barium	1.24E+02	mg/kg	Avg	1.35E+02	value
227	2	SOU227-066	Beryllium	5.35E-01	mg/kg	Avg	5.63E-01	value
227	2	SOU227-066	Chromium	3.43E+01	mg/kg	Avg	4.55E+01	value
227	2	SOU227-066	Cobalt	9.57E+00	mg/kg	Avg	1.06E+01	value
227	2	SOU227-066	Manganese	6.20E+02	mg/kg	Avg	7.38E+02	value
227	2	SOU227-066	Mercury	5.74E+00	mg/kg	Avg	8.32E+00	value
227	2	SOU227-066	Nickel	9.00E+01	mg/kg	Avg	1.23E+02	value
227	2	SOU227-066	PCB, Total	9.62E+00	mg/kg	Grid Value	4.75E+00	value
227	2	SOU227-066	Silver	6.23E+00	mg/kg	Avg	8.52E+00	value
227	2	SOU227-066	Total PAH	3.40E-01	mg/kg	Avg	1.16E-01	value
227	2	SOU227-066	Uranium	2.33E+01	mg/kg	Avg	1.51E+01	value
227	2	SOU227-066	Vanadium	2.33E+01	mg/kg	Avg	2.46E+01	value
227	2	SOU227-066	Cobalt-60	8.85E-03	pCi/g	Avg	1.37E-02	value
227	2	SOU227-066	Neptunium-237	2.78E-02	pCi/g	Avg	3.83E-02	value
227	2	SOU227-066	Uranium-238	1.47E+00	pCi/g	Avg	1.57E+00	value
227	2	SOU227-067	Arsenic	4.78E+00	mg/kg	Grid Value	8.34E+00	value
227	2	SOU227-067	Barium	9.51E+01	mg/kg	Grid Value	1.35E+02	value
227	2	SOU227-067	Beryllium	4.78E-01	mg/kg	Grid Value	5.63E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
227	2	SOU227-067	Chromium	9.86E+00	mg/kg	Grid Value	4.55E+01	value
227	2	SOU227-067	Cobalt	2.97E+00	mg/kg	Grid Value	1.06E+01	value
227	2	SOU227-067	Manganese	1.93E+02	mg/kg	Grid Value	7.38E+02	value
227	2	SOU227-067	Mercury	7.20E-02	mg/kg	Grid Value	8.32E+00	value
227	2	SOU227-067	Nickel	1.37E+01	mg/kg	Grid Value	1.23E+02	value
227	2	SOU227-067	PCB, Total	2.82E+00	mg/kg	Grid Value	4.75E+00	value
227	2	SOU227-067	Silver	2.39E+00	mg/kg	Grid Value	8.52E+00	value
227	2	SOU227-067	Total PAH	6.56E-02	mg/kg	Grid Value	1.16E-01	value
227	2	SOU227-067	Uranium	5.67E+00	mg/kg	Grid Value	1.51E+01	value
227	2	SOU227-067	Vanadium	1.42E+01	mg/kg	Grid Value	2.46E+01	value
227	2	SOU227-067	Cobalt-60	3.47E-02	pCi/g	Grid Value	1.37E-02	value
227	2	SOU227-067	Neptunium-237	4.31E-02	pCi/g	Grid Value	3.83E-02	value
227	2	SOU227-067	Uranium-238	1.90E+00	pCi/g	Grid Value	1.57E+00	value
227	2	SOU227-068	Arsenic	7.79E+00	mg/kg	Avg	8.34E+00	value
227	2	SOU227-068	Barium	1.24E+02	mg/kg	Avg	1.35E+02	value
227	2	SOU227-068	Beryllium	5.35E-01	mg/kg	Avg	5.63E-01	value
227	2	SOU227-068	Chromium	3.43E+01	mg/kg	Avg	4.55E+01	value
227	2	SOU227-068	Cobalt	9.57E+00	mg/kg	Avg	1.06E+01	value
227	2	SOU227-068	Manganese	6.20E+02	mg/kg	Avg	7.38E+02	value
227	2	SOU227-068	Mercury	5.74E+00	mg/kg	Avg	8.32E+00	value
227	2	SOU227-068	Nickel	9.00E+01	mg/kg	Avg	1.23E+02	value
227	2	SOU227-068	PCB, Total	5.80E-01	mg/kg	Grid Value	4.75E+00	value
227	2	SOU227-068	Silver	6.23E+00	mg/kg	Avg	8.52E+00	value
227	2	SOU227-068	Total PAH	3.40E-01	mg/kg	Avg	1.16E-01	value
227	2	SOU227-068	Uranium	2.33E+01	mg/kg	Avg	1.51E+01	value
227	2	SOU227-068	Vanadium	2.33E+01	mg/kg	Avg	2.46E+01	value
227	2	SOU227-068	Cobalt-60	8.85E-03	pCi/g	Avg	1.37E-02	value
227	2	SOU227-068	Neptunium-237	2.78E-02	pCi/g	Avg	3.83E-02	value
227	2	SOU227-068	Uranium-238	1.47E+00	pCi/g	Avg	1.57E+00	value
227	2	SOU227-069	Arsenic	7.79E+00	mg/kg	Avg	8.34E+00	value
227	2	SOU227-069	Barium	1.24E+02	mg/kg	Avg	1.35E+02	value
227	2	SOU227-069	Beryllium	5.35E-01	mg/kg	Avg	5.63E-01	value
227	2	SOU227-069	Chromium	3.43E+01	mg/kg	Avg	4.55E+01	value
227	2	SOU227-069	Cobalt	9.57E+00	mg/kg	Avg	1.06E+01	value
227	2	SOU227-069	Manganese	6.20E+02	mg/kg	Avg	7.38E+02	value
227	2	SOU227-069	Mercury	5.74E+00	mg/kg	Avg	8.32E+00	value
227	2	SOU227-069	Nickel	9.00E+01	mg/kg	Avg	1.23E+02	value
227	2	SOU227-069	PCB, Total	6.40E-01	mg/kg	Grid Value	4.75E+00	value
227	2	SOU227-069	Silver	6.23E+00	mg/kg	Avg	8.52E+00	value
227	2	SOU227-069	Total PAH	3.40E-01	mg/kg	Avg	1.16E-01	value
227	2	SOU227-069	Uranium	2.33E+01	mg/kg	Avg	1.51E+01	value
227	2	SOU227-069	Vanadium	2.33E+01	mg/kg	Avg	2.46E+01	value
227	2	SOU227-069	Cobalt-60	8.85E-03	pCi/g	Avg	1.37E-02	value
227	2	SOU227-069	Neptunium-237	2.78E-02	pCi/g	Avg	3.83E-02	value
227	2	SOU227-069	Uranium-238	1.47E+00	pCi/g	Avg	1.57E+00	value
227	2	SOU227-070	Arsenic	7.79E+00	mg/kg	Avg	8.34E+00	value
227	2	SOU227-070	Barium	1.24E+02	mg/kg	Avg	1.35E+02	value
227	2	SOU227-070	Beryllium	5.35E-01	mg/kg	Avg	5.63E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
227	2	SOU227-070	Chromium	3.43E+01	mg/kg	Avg	4.55E+01	value
227	2	SOU227-070	Cobalt	9.57E+00	mg/kg	Avg	1.06E+01	value
227	2	SOU227-070	Manganese	6.20E+02	mg/kg	Avg	7.38E+02	value
227	2	SOU227-070	Mercury	5.74E+00	mg/kg	Avg	8.32E+00	value
227	2	SOU227-070	Nickel	9.00E+01	mg/kg	Avg	1.23E+02	value
227	2	SOU227-070	PCB, Total	3.41E+00	mg/kg	Grid Value	4.75E+00	value
227	2	SOU227-070	Silver	6.23E+00	mg/kg	Avg	8.52E+00	value
227	2	SOU227-070	Total PAH	3.40E-01	mg/kg	Avg	1.16E-01	value
227	2	SOU227-070	Uranium	2.33E+01	mg/kg	Avg	1.51E+01	value
227	2	SOU227-070	Vanadium	2.33E+01	mg/kg	Avg	2.46E+01	value
227	2	SOU227-070	Cobalt-60	8.85E-03	pCi/g	Avg	1.37E-02	value
227	2	SOU227-070	Neptunium-237	2.78E-02	pCi/g	Avg	3.83E-02	value
227	2	SOU227-070	Uranium-238	1.47E+00	pCi/g	Avg	1.57E+00	value
227	2	SOU227-071	Arsenic	7.79E+00	mg/kg	Avg	8.34E+00	value
227	2	SOU227-071	Barium	1.24E+02	mg/kg	Avg	1.35E+02	value
227	2	SOU227-071	Beryllium	5.35E-01	mg/kg	Avg	5.63E-01	value
227	2	SOU227-071	Chromium	3.43E+01	mg/kg	Avg	4.55E+01	value
227	2	SOU227-071	Cobalt	9.57E+00	mg/kg	Avg	1.06E+01	value
227	2	SOU227-071	Manganese	6.20E+02	mg/kg	Avg	7.38E+02	value
227	2	SOU227-071	Mercury	5.74E+00	mg/kg	Avg	8.32E+00	value
227	2	SOU227-071	Nickel	9.00E+01	mg/kg	Avg	1.23E+02	value
227	2	SOU227-071	PCB, Total	2.83E+00	mg/kg	Grid Value	4.75E+00	value
227	2	SOU227-071	Silver	6.23E+00	mg/kg	Avg	8.52E+00	value
227	2	SOU227-071	Total PAH	3.40E-01	mg/kg	Avg	1.16E-01	value
227	2	SOU227-071	Uranium	2.33E+01	mg/kg	Avg	1.51E+01	value
227	2	SOU227-071	Vanadium	2.33E+01	mg/kg	Avg	2.46E+01	value
227	2	SOU227-071	Cobalt-60	8.85E-03	pCi/g	Avg	1.37E-02	value
227	2	SOU227-071	Neptunium-237	2.78E-02	pCi/g	Avg	3.83E-02	value
227	2	SOU227-071	Uranium-238	1.47E+00	pCi/g	Avg	1.57E+00	value
227	2	SOU227-072	Arsenic	7.79E+00	mg/kg	Avg	8.34E+00	value
227	2	SOU227-072	Barium	1.24E+02	mg/kg	Avg	1.35E+02	value
227	2	SOU227-072	Beryllium	5.35E-01	mg/kg	Avg	5.63E-01	value
227	2	SOU227-072	Chromium	3.43E+01	mg/kg	Avg	4.55E+01	value
227	2	SOU227-072	Cobalt	9.57E+00	mg/kg	Avg	1.06E+01	value
227	2	SOU227-072	Manganese	6.20E+02	mg/kg	Avg	7.38E+02	value
227	2	SOU227-072	Mercury	5.74E+00	mg/kg	Avg	8.32E+00	value
227	2	SOU227-072	Nickel	9.00E+01	mg/kg	Avg	1.23E+02	value
227	2	SOU227-072	PCB, Total	7.72E+00	mg/kg	Grid Value	4.75E+00	value
227	2	SOU227-072	Silver	6.23E+00	mg/kg	Avg	8.52E+00	value
227	2	SOU227-072	Total PAH	3.40E-01	mg/kg	Avg	1.16E-01	value
227	2	SOU227-072	Uranium	2.33E+01	mg/kg	Avg	1.51E+01	value
227	2	SOU227-072	Vanadium	2.33E+01	mg/kg	Avg	2.46E+01	value
227	2	SOU227-072	Cobalt-60	8.85E-03	pCi/g	Avg	1.37E-02	value
227	2	SOU227-072	Neptunium-237	2.78E-02	pCi/g	Avg	3.83E-02	value
227	2	SOU227-072	Uranium-238	1.47E+00	pCi/g	Avg	1.57E+00	value
227	2	SOU227-073	Arsenic	7.79E+00	mg/kg	Avg	8.34E+00	value
227	2	SOU227-073	Barium	1.24E+02	mg/kg	Avg	1.35E+02	value
227	2	SOU227-073	Beryllium	5.35E-01	mg/kg	Avg	5.63E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
227	2	SOU227-073	Chromium	3.43E+01	mg/kg	Avg	4.55E+01	value
227	2	SOU227-073	Cobalt	9.57E+00	mg/kg	Avg	1.06E+01	value
227	2	SOU227-073	Manganese	6.20E+02	mg/kg	Avg	7.38E+02	value
227	2	SOU227-073	Mercury	5.74E+00	mg/kg	Avg	8.32E+00	value
227	2	SOU227-073	Nickel	9.00E+01	mg/kg	Avg	1.23E+02	value
227	2	SOU227-073	PCB, Total	1.52E+00	mg/kg	Grid Value	4.75E+00	value
227	2	SOU227-073	Silver	6.23E+00	mg/kg	Avg	8.52E+00	value
227	2	SOU227-073	Total PAH	3.40E-01	mg/kg	Avg	1.16E-01	value
227	2	SOU227-073	Uranium	2.33E+01	mg/kg	Avg	1.51E+01	value
227	2	SOU227-073	Vanadium	2.33E+01	mg/kg	Avg	2.46E+01	value
227	2	SOU227-073	Cobalt-60	8.85E-03	pCi/g	Avg	1.37E-02	value
227	2	SOU227-073	Neptunium-237	2.78E-02	pCi/g	Avg	3.83E-02	value
227	2	SOU227-073	Uranium-238	1.47E+00	pCi/g	Avg	1.57E+00	value
227	2	SOU227-074	Arsenic	7.79E+00	mg/kg	Avg	8.34E+00	value
227	2	SOU227-074	Barium	1.24E+02	mg/kg	Avg	1.35E+02	value
227	2	SOU227-074	Beryllium	5.35E-01	mg/kg	Avg	5.63E-01	value
227	2	SOU227-074	Chromium	3.43E+01	mg/kg	Avg	4.55E+01	value
227	2	SOU227-074	Cobalt	9.57E+00	mg/kg	Avg	1.06E+01	value
227	2	SOU227-074	Manganese	6.20E+02	mg/kg	Avg	7.38E+02	value
227	2	SOU227-074	Mercury	5.74E+00	mg/kg	Avg	8.32E+00	value
227	2	SOU227-074	Nickel	9.00E+01	mg/kg	Avg	1.23E+02	value
227	2	SOU227-074	PCB, Total	1.28E+00	mg/kg	Grid Value	4.75E+00	value
227	2	SOU227-074	Silver	6.23E+00	mg/kg	Avg	8.52E+00	value
227	2	SOU227-074	Total PAH	3.40E-01	mg/kg	Avg	1.16E-01	value
227	2	SOU227-074	Uranium	2.33E+01	mg/kg	Avg	1.51E+01	value
227	2	SOU227-074	Vanadium	2.33E+01	mg/kg	Avg	2.46E+01	value
227	2	SOU227-074	Cobalt-60	8.85E-03	pCi/g	Avg	1.37E-02	value
227	2	SOU227-074	Neptunium-237	2.78E-02	pCi/g	Avg	3.83E-02	value
227	2	SOU227-074	Uranium-238	1.47E+00	pCi/g	Avg	1.57E+00	value
227	2	SOU227-075	Arsenic	7.79E+00	mg/kg	Avg	8.34E+00	value
227	2	SOU227-075	Barium	1.24E+02	mg/kg	Avg	1.35E+02	value
227	2	SOU227-075	Beryllium	5.35E-01	mg/kg	Avg	5.63E-01	value
227	2	SOU227-075	Chromium	3.43E+01	mg/kg	Avg	4.55E+01	value
227	2	SOU227-075	Cobalt	9.57E+00	mg/kg	Avg	1.06E+01	value
227	2	SOU227-075	Manganese	6.20E+02	mg/kg	Avg	7.38E+02	value
227	2	SOU227-075	Mercury	5.74E+00	mg/kg	Avg	8.32E+00	value
227	2	SOU227-075	Nickel	9.00E+01	mg/kg	Avg	1.23E+02	value
227	2	SOU227-075	PCB, Total	1.26E+01	mg/kg	Grid Value	4.75E+00	value
227	2	SOU227-075	Silver	6.23E+00	mg/kg	Avg	8.52E+00	value
227	2	SOU227-075	Total PAH	3.40E-01	mg/kg	Avg	1.16E-01	value
227	2	SOU227-075	Uranium	2.33E+01	mg/kg	Avg	1.51E+01	value
227	2	SOU227-075	Vanadium	2.33E+01	mg/kg	Avg	2.46E+01	value
227	2	SOU227-075	Cobalt-60	8.85E-03	pCi/g	Avg	1.37E-02	value
227	2	SOU227-075	Neptunium-237	2.78E-02	pCi/g	Avg	3.83E-02	value
227	2	SOU227-075	Uranium-238	1.47E+00	pCi/g	Avg	1.57E+00	value
228	1	SOU228-001	Antimony	3.27E-01	mg/kg	Avg	6.30E-01	maximum value
228	1	SOU228-001	Arsenic	2.79E+01	mg/kg	Grid Value	2.79E+01	maximum value
228	1	SOU228-001	Beryllium	4.37E-01	mg/kg	Avg	7.50E-01	maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
228	1	SOU228-001	Cadmium	1.33E+00	mg/kg	Avg	3.90E+00	maximum value
228	1	SOU228-001	Chromium	3.23E+01	mg/kg	Grid Value	1.89E+02	maximum value
228	1	SOU228-001	Iron	3.77E+04	mg/kg	Grid Value	3.77E+04	maximum value
228	1	SOU228-001	Manganese	9.97E+02	mg/kg	Grid Value	9.97E+02	maximum value
228	1	SOU228-001	Mercury	9.37E+00	mg/kg	Grid Value	9.37E+00	maximum value
228	1	SOU228-001	Nickel	7.16E+01	mg/kg	Grid Value	7.92E+01	maximum value
228	1	SOU228-001	Silver	1.00E+01	mg/kg	Grid Value	1.16E+01	maximum value
228	1	SOU228-001	Total PAH	3.73E-02	mg/kg	Avg	6.69E-02	maximum value
228	1	SOU228-001	Uranium	2.00E+01	mg/kg	Grid Value	1.51E+01	maximum value
228	1	SOU228-001	Cobalt-60	1.29E-02	pCi/g	Avg	1.29E-02	maximum value
228	1	SOU228-001	Neptunium-237	2.94E-01	pCi/g	Avg	8.00E-01	maximum value
228	1	SOU228-001	Uranium-235	7.23E-02	pCi/g	Avg	1.78E-01	maximum value
228	1	SOU228-001	Uranium-238	1.81E+00	pCi/g	Avg	3.77E+00	maximum value
228	1	SOU228-002	Antimony	1.80E-01	mg/kg	Grid Value	6.30E-01	maximum value
228	1	SOU228-002	Arsenic	1.03E+01	mg/kg	Grid Value	2.79E+01	maximum value
228	1	SOU228-002	Beryllium	7.50E-01	mg/kg	Grid Value	7.50E-01	maximum value
228	1	SOU228-002	Cadmium	2.80E-02	mg/kg	Grid Value	3.90E+00	maximum value
228	1	SOU228-002	Chromium	5.91E+01	mg/kg	Grid Value	1.89E+02	maximum value
228	1	SOU228-002	Iron	1.74E+04	mg/kg	Grid Value	3.77E+04	maximum value
228	1	SOU228-002	Manganese	3.15E+02	mg/kg	Grid Value	9.97E+02	maximum value
228	1	SOU228-002	Mercury	1.95E-02	mg/kg	Grid Value	9.37E+00	maximum value
228	1	SOU228-002	Nickel	1.29E+01	mg/kg	Grid Value	7.92E+01	maximum value
228	1	SOU228-002	Silver	2.80E-02	mg/kg	Grid Value	1.16E+01	maximum value
228	1	SOU228-002	Total PAH	3.73E-02	mg/kg	Avg	6.69E-02	maximum value
228	1	SOU228-002	Uranium	1.10E+00	mg/kg	Grid Value	1.51E+01	maximum value
228	1	SOU228-002	Cobalt-60	1.29E-02	pCi/g	Grid Value	1.29E-02	maximum value
228	1	SOU228-002	Neptunium-237	-4.98E-04	pCi/g	Grid Value	8.00E-01	maximum value
228	1	SOU228-002	Uranium-235	-4.11E-03	pCi/g	Grid Value	1.78E-01	maximum value
228	1	SOU228-002	Uranium-238	9.57E-02	pCi/g	Grid Value	3.77E+00	maximum value
228	1	SOU228-003	Antimony	1.70E-01	mg/kg	Grid Value	6.30E-01	maximum value
228	1	SOU228-003	Arsenic	3.50E+00	mg/kg	Grid Value	2.79E+01	maximum value
228	1	SOU228-003	Beryllium	3.70E-01	mg/kg	Grid Value	7.50E-01	maximum value
228	1	SOU228-003	Cadmium	5.10E-02	mg/kg	Grid Value	3.90E+00	maximum value
228	1	SOU228-003	Chromium	5.80E+01	mg/kg	Grid Value	1.89E+02	maximum value
228	1	SOU228-003	Iron	1.49E+04	mg/kg	Grid Value	3.77E+04	maximum value
228	1	SOU228-003	Manganese	5.71E+02	mg/kg	Grid Value	9.97E+02	maximum value
228	1	SOU228-003	Mercury	1.72E-02	mg/kg	Grid Value	9.37E+00	maximum value
228	1	SOU228-003	Nickel	5.50E+01	mg/kg	Grid Value	7.92E+01	maximum value
228	1	SOU228-003	Silver	1.15E+01	mg/kg	Grid Value	1.16E+01	maximum value
228	1	SOU228-003	Total PAH	7.80E-03	mg/kg	Grid Value	6.69E-02	maximum value
228	1	SOU228-003	Uranium	1.13E+01	mg/kg	Grid Value	1.51E+01	maximum value
228	1	SOU228-003	Cobalt-60	1.29E-02	pCi/g	Avg	1.29E-02	maximum value
228	1	SOU228-003	Neptunium-237	8.00E-01	pCi/g	Grid Value	8.00E-01	maximum value
228	1	SOU228-003	Uranium-235	1.78E-01	pCi/g	Grid Value	1.78E-01	maximum value
228	1	SOU228-003	Uranium-238	3.77E+00	pCi/g	Grid Value	3.77E+00	maximum value
228	1	SOU228-004	Antimony	6.30E-01	mg/kg	Grid Value	6.30E-01	maximum value
228	1	SOU228-004	Arsenic	1.16E+01	mg/kg	Grid Value	2.79E+01	maximum value
228	1	SOU228-004	Beryllium	1.90E-01	mg/kg	Grid Value	7.50E-01	maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
228	1	SOU228-004	Cadmium	3.90E+00	mg/kg	Grid Value	3.90E+00	maximum value
228	1	SOU228-004	Chromium	1.89E+02	mg/kg	Grid Value	1.89E+02	maximum value
228	1	SOU228-004	Iron	1.87E+04	mg/kg	Grid Value	3.77E+04	maximum value
228	1	SOU228-004	Manganese	3.33E+02	mg/kg	Grid Value	9.97E+02	maximum value
228	1	SOU228-004	Mercury	9.66E-02	mg/kg	Grid Value	9.37E+00	maximum value
228	1	SOU228-004	Nickel	7.92E+01	mg/kg	Grid Value	7.92E+01	maximum value
228	1	SOU228-004	Silver	1.16E+01	mg/kg	Grid Value	1.16E+01	maximum value
228	1	SOU228-004	Total PAH	6.69E-02	mg/kg	Grid Value	6.69E-02	maximum value
228	1	SOU228-004	Uranium	7.35E+00	mg/kg	Grid Value	1.51E+01	maximum value
228	1	SOU228-004	Cobalt-60	1.29E-02	pCi/g	Avg	1.29E-02	maximum value
228	1	SOU228-004	Neptunium-237	8.10E-02	pCi/g	Grid Value	8.00E-01	maximum value
228	1	SOU228-004	Uranium-235	4.30E-02	pCi/g	Grid Value	1.78E-01	maximum value
228	1	SOU228-004	Uranium-238	1.55E+00	pCi/g	Grid Value	3.77E+00	maximum value
228	1	SOU228-005	Antimony	3.27E-01	mg/kg	Avg	6.30E-01	maximum value
228	1	SOU228-005	Arsenic	1.03E+01	mg/kg	Grid Value	2.79E+01	maximum value
228	1	SOU228-005	Beryllium	4.37E-01	mg/kg	Avg	7.50E-01	maximum value
228	1	SOU228-005	Cadmium	1.33E+00	mg/kg	Avg	3.90E+00	maximum value
228	1	SOU228-005	Chromium	5.29E+01	mg/kg	Grid Value	1.89E+02	maximum value
228	1	SOU228-005	Iron	1.49E+04	mg/kg	Grid Value	3.77E+04	maximum value
228	1	SOU228-005	Manganese	3.65E+02	mg/kg	Grid Value	9.97E+02	maximum value
228	1	SOU228-005	Mercury	1.00E+01	mg/kg	Grid Value	9.37E+00	maximum value
228	1	SOU228-005	Nickel	6.78E+01	mg/kg	Grid Value	7.92E+01	maximum value
228	1	SOU228-005	Silver	1.00E+01	mg/kg	Grid Value	1.16E+01	maximum value
228	1	SOU228-005	Total PAH	3.73E-02	mg/kg	Avg	6.69E-02	maximum value
228	1	SOU228-005	Uranium	1.51E+01	mg/kg	Grid Value	1.51E+01	maximum value
228	1	SOU228-005	Cobalt-60	1.29E-02	pCi/g	Avg	1.29E-02	maximum value
228	1	SOU228-005	Neptunium-237	2.94E-01	pCi/g	Avg	8.00E-01	maximum value
228	1	SOU228-005	Uranium-235	7.23E-02	pCi/g	Avg	1.78E-01	maximum value
228	1	SOU228-005	Uranium-238	1.81E+00	pCi/g	Avg	3.77E+00	maximum value
27	1	SOU027-001	Nickel	2.06E+01	mg/kg	Avg	3.97E+01	maximum value
27	1	SOU027-001	PCB, Total	6.80E-02	mg/kg	Avg	7.20E-02	maximum value
27	1	SOU027-001	Cobalt-60	7.61E-03	pCi/g	Avg	1.01E-02	maximum value
27	1	SOU027-002	Nickel	3.97E+01	mg/kg	Grid Value	3.97E+01	maximum value
27	1	SOU027-002	PCB, Total	3.20E-02	mg/kg	Grid Value	7.20E-02	maximum value
27	1	SOU027-002	Cobalt-60	7.61E-03	pCi/g	Avg	1.01E-02	maximum value
27	1	SOU027-003	Nickel	2.06E+01	mg/kg	Avg	3.97E+01	maximum value
27	1	SOU027-003	PCB, Total	6.80E-02	mg/kg	Avg	7.20E-02	maximum value
27	1	SOU027-003	Cobalt-60	7.61E-03	pCi/g	Avg	1.01E-02	maximum value
27	1	SOU027-004	Nickel	2.06E+01	mg/kg	Avg	3.97E+01	maximum value
27	1	SOU027-004	PCB, Total	6.80E-02	mg/kg	Avg	7.20E-02	maximum value
27	1	SOU027-004	Cobalt-60	7.61E-03	pCi/g	Avg	1.01E-02	maximum value
27	1	SOU027-005	Nickel	1.30E+01	mg/kg	Grid Value	3.97E+01	maximum value
27	1	SOU027-005	PCB, Total	7.20E-02	mg/kg	Grid Value	7.20E-02	maximum value
27	1	SOU027-005	Cobalt-60	1.01E-02	pCi/g	Grid Value	1.01E-02	maximum value
27	1	SOU027-006	Nickel	2.06E+01	mg/kg	Avg	3.97E+01	maximum value
27	1	SOU027-006	PCB, Total	6.80E-02	mg/kg	Avg	7.20E-02	maximum value
27	1	SOU027-006	Cobalt-60	7.61E-03	pCi/g	Avg	1.01E-02	maximum value
27	1	SOU027-007	Nickel	2.06E+01	mg/kg	Avg	3.97E+01	maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
27	1	SOU027-007	PCB, Total	6.80E-02	mg/kg	Avg	7.20E-02	maximum value
27	1	SOU027-007	Cobalt-60	7.61E-03	pCi/g	Avg	1.01E-02	maximum value
27	1	SOU027-008	Nickel	9.20E+00	mg/kg	Grid Value	3.97E+01	maximum value
27	1	SOU027-008	PCB, Total	1.00E-01	mg/kg	Grid Value	7.20E-02	maximum value
27	1	SOU027-008	Cobalt-60	5.11E-03	pCi/g	Grid Value	1.01E-02	maximum value
76	1	SOU076-001	Arsenic	1.31E+01	mg/kg	Grid Value	1.31E+01	maximum value
76	1	SOU076-001	Barium	2.69E+02	mg/kg	Grid Value	2.69E+02	maximum value
76	1	SOU076-001	Mercury	7.45E+00	mg/kg	Grid Value	7.45E+00	maximum value
76	1	SOU076-001	PCB, Total	2.60E-01	mg/kg	Grid Value	2.60E-01	maximum value
76	1	SOU076-001	Total PAH	1.76E+00	mg/kg	Grid Value	1.76E+00	maximum value
76	1	SOU076-001	Uranium-238	1.45E+00	pCi/g	Grid Value	1.45E+00	maximum value
165	1	SOU165-001	Aluminum	8.09E+03	mg/kg	Avg	8.41E+03	value
165	1	SOU165-001	Antimony	8.36E+00	mg/kg	Avg	2.20E+00	value
165	1	SOU165-001	Arsenic	5.06E+01	mg/kg	Avg	6.37E+01	value
165	1	SOU165-001	Barium	4.72E+02	mg/kg	Avg	5.25E+02	value
165	1	SOU165-001	Beryllium	7.94E-01	mg/kg	Avg	8.14E-01	value
165	1	SOU165-001	Chromium	3.44E+01	mg/kg	Avg	3.61E+01	value
165	1	SOU165-001	Cobalt	8.10E+00	mg/kg	Avg	8.44E+00	value
165	1	SOU165-001	Mercury	3.51E-01	mg/kg	Avg	3.77E-01	value
165	1	SOU165-001	Naphthalene	1.29E+00	mg/kg	Avg	1.51E+00	value
165	1	SOU165-001	Nickel	3.30E+01	mg/kg	Avg	3.36E+01	value
165	1	SOU165-001	PCB, Total	2.40E-01	mg/kg	Grid Value	9.89E+00	value
165	1	SOU165-001	Pentachlorophenol	1.97E+00	mg/kg	Avg	1.98E+00	value
165	1	SOU165-001	Silver	2.25E+01	mg/kg	Avg	3.09E+01	value
165	1	SOU165-001	Total PAH	6.30E+00	mg/kg	Avg	1.87E+00	value
165	1	SOU165-001	Uranium	7.53E+01	mg/kg	Avg	1.08E+02	value
165	1	SOU165-001	Cesium-137	2.58E+00	pCi/g	Avg	3.47E+00	value
165	1	SOU165-001	Neptunium-237	4.11E-01	pCi/g	Avg	4.26E-01	value
165	1	SOU165-001	Plutonium-239/240	1.96E+00	pCi/g	Avg	2.81E+00	value
165	1	SOU165-001	Thorium-230	4.75E+00	pCi/g	Avg	6.02E+00	value
165	1	SOU165-001	Uranium-234	4.37E+01	pCi/g	Avg	5.76E+01	value
165	1	SOU165-001	Uranium-235	1.61E+00	pCi/g	Avg	2.06E+00	value
165	1	SOU165-001	Uranium-238	4.96E+01	pCi/g	Avg	6.42E+01	value
165	1	SOU165-002	Aluminum	7.46E+03	mg/kg	Grid Value	8.41E+03	value
165	1	SOU165-002	Antimony	1.00E+01	mg/kg	Grid Value	2.20E+00	value
165	1	SOU165-002	Arsenic	1.30E+02	mg/kg	Grid Value	6.37E+01	value
165	1	SOU165-002	Barium	8.15E+02	mg/kg	Grid Value	5.25E+02	value
165	1	SOU165-002	Beryllium	5.06E-01	mg/kg	Grid Value	8.14E-01	value
165	1	SOU165-002	Chromium	6.66E+01	mg/kg	Grid Value	3.61E+01	value
165	1	SOU165-002	Cobalt	8.10E+00	mg/kg	Avg	8.44E+00	value
165	1	SOU165-002	Mercury	9.00E-01	mg/kg	Grid Value	3.77E-01	value
165	1	SOU165-002	Naphthalene	4.90E-01	mg/kg	Grid Value	1.51E+00	value
165	1	SOU165-002	Nickel	3.92E+01	mg/kg	Grid Value	3.36E+01	value
165	1	SOU165-002	PCB, Total	8.00E-01	mg/kg	Grid Value	9.89E+00	value
165	1	SOU165-002	Pentachlorophenol	1.97E+00	mg/kg	Avg	1.98E+00	value
165	1	SOU165-002	Silver	1.05E+01	mg/kg	Grid Value	3.09E+01	value
165	1	SOU165-002	Total PAH	4.90E-01	mg/kg	Grid Value	1.87E+00	value
165	1	SOU165-002	Uranium	1.87E+02	mg/kg	Grid Value	1.08E+02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
165	1	SOU165-002	Cesium-137	-1.45E-02	pCi/g	Grid Value	3.47E+00	value
165	1	SOU165-002	Neptunium-237	3.51E-01	pCi/g	Grid Value	4.26E-01	value
165	1	SOU165-002	Plutonium-239/240	9.63E-03	pCi/g	Grid Value	2.81E+00	value
165	1	SOU165-002	Thorium-230	4.70E-01	pCi/g	Grid Value	6.02E+00	value
165	1	SOU165-002	Uranium-234	1.16E+01	pCi/g	Grid Value	5.76E+01	value
165	1	SOU165-002	Uranium-235	7.82E-01	pCi/g	Grid Value	2.06E+00	value
165	1	SOU165-002	Uranium-238	2.02E+01	pCi/g	Grid Value	6.42E+01	value
165	1	SOU165-003	Aluminum	8.09E+03	mg/kg	Avg	8.41E+03	value
165	1	SOU165-003	Antimony	8.36E+00	mg/kg	Avg	2.20E+00	value
165	1	SOU165-003	Arsenic	5.06E+01	mg/kg	Avg	6.37E+01	value
165	1	SOU165-003	Barium	4.72E+02	mg/kg	Avg	5.25E+02	value
165	1	SOU165-003	Beryllium	7.94E-01	mg/kg	Avg	8.14E-01	value
165	1	SOU165-003	Chromium	3.44E+01	mg/kg	Avg	3.61E+01	value
165	1	SOU165-003	Cobalt	8.10E+00	mg/kg	Avg	8.44E+00	value
165	1	SOU165-003	Mercury	3.51E-01	mg/kg	Avg	3.77E-01	value
165	1	SOU165-003	Naphthalene	1.29E+00	mg/kg	Avg	1.51E+00	value
165	1	SOU165-003	Nickel	3.30E+01	mg/kg	Avg	3.36E+01	value
165	1	SOU165-003	PCB, Total	2.40E-01	mg/kg	Grid Value	9.89E+00	value
165	1	SOU165-003	Pentachlorophenol	1.97E+00	mg/kg	Avg	1.98E+00	value
165	1	SOU165-003	Silver	2.25E+01	mg/kg	Avg	3.09E+01	value
165	1	SOU165-003	Total PAH	6.30E+00	mg/kg	Avg	1.87E+00	value
165	1	SOU165-003	Uranium	7.53E+01	mg/kg	Avg	1.08E+02	value
165	1	SOU165-003	Cesium-137	2.58E+00	pCi/g	Avg	3.47E+00	value
165	1	SOU165-003	Neptunium-237	4.11E-01	pCi/g	Avg	4.26E-01	value
165	1	SOU165-003	Plutonium-239/240	1.96E+00	pCi/g	Avg	2.81E+00	value
165	1	SOU165-003	Thorium-230	4.75E+00	pCi/g	Avg	6.02E+00	value
165	1	SOU165-003	Uranium-234	4.37E+01	pCi/g	Avg	5.76E+01	value
165	1	SOU165-003	Uranium-235	1.61E+00	pCi/g	Avg	2.06E+00	value
165	1	SOU165-003	Uranium-238	4.96E+01	pCi/g	Avg	6.42E+01	value
165	1	SOU165-004	Aluminum	6.26E+03	mg/kg	Grid Value	8.41E+03	value
165	1	SOU165-004	Antimony	9.80E+00	mg/kg	Grid Value	2.20E+00	value
165	1	SOU165-004	Arsenic	1.04E+01	mg/kg	Grid Value	6.37E+01	value
165	1	SOU165-004	Barium	7.18E+01	mg/kg	Grid Value	5.25E+02	value
165	1	SOU165-004	Beryllium	1.08E+00	mg/kg	Grid Value	8.14E-01	value
165	1	SOU165-004	Chromium	2.98E+01	mg/kg	Grid Value	3.61E+01	value
165	1	SOU165-004	Cobalt	5.60E+00	mg/kg	Grid Value	8.44E+00	value
165	1	SOU165-004	Mercury	1.50E-01	mg/kg	Grid Value	3.77E-01	value
165	1	SOU165-004	Naphthalene	1.70E+00	mg/kg	Grid Value	1.51E+00	value
165	1	SOU165-004	Nickel	3.43E+01	mg/kg	Grid Value	3.36E+01	value
165	1	SOU165-004	PCB, Total	7.50E-01	mg/kg	Grid Value	9.89E+00	value
165	1	SOU165-004	Pentachlorophenol	2.10E+00	mg/kg	Grid Value	1.98E+00	value
165	1	SOU165-004	Silver	2.45E+00	mg/kg	Grid Value	3.09E+01	value
165	1	SOU165-004	Total PAH	1.87E+00	mg/kg	Grid Value	1.87E+00	value
165	1	SOU165-004	Uranium	3.45E+01	mg/kg	Grid Value	1.08E+02	value
165	1	SOU165-004	Cesium-137	2.13E+00	pCi/g	Grid Value	3.47E+00	value
165	1	SOU165-004	Neptunium-237	5.27E-01	pCi/g	Grid Value	4.26E-01	value
165	1	SOU165-004	Plutonium-239/240	1.01E+00	pCi/g	Grid Value	2.81E+00	value
165	1	SOU165-004	Thorium-230	8.73E+00	pCi/g	Grid Value	6.02E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
165	1	SOU165-004	Uranium-234	1.06E+00	pCi/g	Grid Value	5.76E+01	value
165	1	SOU165-004	Uranium-235	7.60E-02	pCi/g	Grid Value	2.06E+00	value
165	1	SOU165-004	Uranium-238	2.88E+00	pCi/g	Grid Value	6.42E+01	value
165	1	SOU165-005	Aluminum	8.09E+03	mg/kg	Avg	8.41E+03	value
165	1	SOU165-005	Antimony	8.36E+00	mg/kg	Avg	2.20E+00	value
165	1	SOU165-005	Arsenic	2.75E+01	mg/kg	Grid Value	6.37E+01	value
165	1	SOU165-005	Barium	5.43E+02	mg/kg	Grid Value	5.25E+02	value
165	1	SOU165-005	Beryllium	7.94E-01	mg/kg	Avg	8.14E-01	value
165	1	SOU165-005	Chromium	2.83E+01	mg/kg	Grid Value	3.61E+01	value
165	1	SOU165-005	Cobalt	8.10E+00	mg/kg	Avg	8.44E+00	value
165	1	SOU165-005	Mercury	2.00E-01	mg/kg	Grid Value	3.77E-01	value
165	1	SOU165-005	Naphthalene	1.29E+00	mg/kg	Avg	1.51E+00	value
165	1	SOU165-005	Nickel	3.05E+01	mg/kg	Grid Value	3.36E+01	value
165	1	SOU165-005	PCB, Total	1.10E+01	mg/kg	Grid Value	9.89E+00	value
165	1	SOU165-005	Pentachlorophenol	1.97E+00	mg/kg	Avg	1.98E+00	value
165	1	SOU165-005	Silver	8.33E+01	mg/kg	Grid Value	3.09E+01	value
165	1	SOU165-005	Total PAH	2.00E+00	mg/kg	Grid Value	1.87E+00	value
165	1	SOU165-005	Uranium	2.68E+02	mg/kg	Grid Value	1.08E+02	value
165	1	SOU165-005	Cesium-137	8.65E+00	pCi/g	Grid Value	3.47E+00	value
165	1	SOU165-005	Neptunium-237	5.60E-01	pCi/g	Grid Value	4.26E-01	value
165	1	SOU165-005	Plutonium-239/240	7.78E+00	pCi/g	Grid Value	2.81E+00	value
165	1	SOU165-005	Thorium-230	1.14E+01	pCi/g	Grid Value	6.02E+00	value
165	1	SOU165-005	Uranium-234	1.40E+02	pCi/g	Grid Value	5.76E+01	value
165	1	SOU165-005	Uranium-235	4.70E+00	pCi/g	Grid Value	2.06E+00	value
165	1	SOU165-005	Uranium-238	1.50E+02	pCi/g	Grid Value	6.42E+01	value
165	1	SOU165-006	Aluminum	8.09E+03	mg/kg	Avg	8.41E+03	value
165	1	SOU165-006	Antimony	8.36E+00	mg/kg	Avg	2.20E+00	value
165	1	SOU165-006	Arsenic	5.06E+01	mg/kg	Avg	6.37E+01	value
165	1	SOU165-006	Barium	4.72E+02	mg/kg	Avg	5.25E+02	value
165	1	SOU165-006	Beryllium	7.94E-01	mg/kg	Avg	8.14E-01	value
165	1	SOU165-006	Chromium	3.44E+01	mg/kg	Avg	3.61E+01	value
165	1	SOU165-006	Cobalt	8.10E+00	mg/kg	Avg	8.44E+00	value
165	1	SOU165-006	Mercury	3.51E-01	mg/kg	Avg	3.77E-01	value
165	1	SOU165-006	Naphthalene	1.29E+00	mg/kg	Avg	1.51E+00	value
165	1	SOU165-006	Nickel	3.30E+01	mg/kg	Avg	3.36E+01	value
165	1	SOU165-006	PCB, Total	1.30E-01	mg/kg	Grid Value	9.89E+00	value
165	1	SOU165-006	Pentachlorophenol	1.97E+00	mg/kg	Avg	1.98E+00	value
165	1	SOU165-006	Silver	2.25E+01	mg/kg	Avg	3.09E+01	value
165	1	SOU165-006	Total PAH	6.30E+00	mg/kg	Avg	1.87E+00	value
165	1	SOU165-006	Uranium	7.53E+01	mg/kg	Avg	1.08E+02	value
165	1	SOU165-006	Cesium-137	2.58E+00	pCi/g	Avg	3.47E+00	value
165	1	SOU165-006	Neptunium-237	4.11E-01	pCi/g	Avg	4.26E-01	value
165	1	SOU165-006	Plutonium-239/240	1.96E+00	pCi/g	Avg	2.81E+00	value
165	1	SOU165-006	Thorium-230	4.75E+00	pCi/g	Avg	6.02E+00	value
165	1	SOU165-006	Uranium-234	4.37E+01	pCi/g	Avg	5.76E+01	value
165	1	SOU165-006	Uranium-235	1.61E+00	pCi/g	Avg	2.06E+00	value
165	1	SOU165-006	Uranium-238	4.96E+01	pCi/g	Avg	6.42E+01	value
165	1	SOU165-007	Aluminum	8.09E+03	mg/kg	Avg	8.41E+03	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
165	1	SOU165-007	Antimony	8.36E+00	mg/kg	Avg	2.20E+00	value
165	1	SOU165-007	Arsenic	5.06E+01	mg/kg	Avg	6.37E+01	value
165	1	SOU165-007	Barium	4.72E+02	mg/kg	Avg	5.25E+02	value
165	1	SOU165-007	Beryllium	7.94E-01	mg/kg	Avg	8.14E-01	value
165	1	SOU165-007	Chromium	3.44E+01	mg/kg	Avg	3.61E+01	value
165	1	SOU165-007	Cobalt	8.10E+00	mg/kg	Avg	8.44E+00	value
165	1	SOU165-007	Mercury	3.51E-01	mg/kg	Avg	3.77E-01	value
165	1	SOU165-007	Naphthalene	1.29E+00	mg/kg	Avg	1.51E+00	value
165	1	SOU165-007	Nickel	3.30E+01	mg/kg	Avg	3.36E+01	value
165	1	SOU165-007	PCB, Total	3.28E+00	mg/kg	Avg	9.89E+00	value
165	1	SOU165-007	Pentachlorophenol	1.97E+00	mg/kg	Avg	1.98E+00	value
165	1	SOU165-007	Silver	2.25E+01	mg/kg	Avg	3.09E+01	value
165	1	SOU165-007	Total PAH	6.30E+00	mg/kg	Avg	1.87E+00	value
165	1	SOU165-007	Uranium	7.53E+01	mg/kg	Avg	1.08E+02	value
165	1	SOU165-007	Cesium-137	2.58E+00	pCi/g	Avg	3.47E+00	value
165	1	SOU165-007	Neptunium-237	4.11E-01	pCi/g	Avg	4.26E-01	value
165	1	SOU165-007	Plutonium-239/240	1.96E+00	pCi/g	Avg	2.81E+00	value
165	1	SOU165-007	Thorium-230	4.75E+00	pCi/g	Avg	6.02E+00	value
165	1	SOU165-007	Uranium-234	4.37E+01	pCi/g	Avg	5.76E+01	value
165	1	SOU165-007	Uranium-235	1.61E+00	pCi/g	Avg	2.06E+00	value
165	1	SOU165-007	Uranium-238	4.96E+01	pCi/g	Avg	6.42E+01	value
165	1	SOU165-008	Aluminum	8.09E+03	mg/kg	Avg	8.41E+03	value
165	1	SOU165-008	Antimony	8.36E+00	mg/kg	Avg	2.20E+00	value
165	1	SOU165-008	Arsenic	7.87E+01	mg/kg	Grid Value	6.37E+01	value
165	1	SOU165-008	Barium	1.14E+03	mg/kg	Grid Value	5.25E+02	value
165	1	SOU165-008	Beryllium	7.94E-01	mg/kg	Avg	8.14E-01	value
165	1	SOU165-008	Chromium	1.49E+01	mg/kg	Grid Value	3.61E+01	value
165	1	SOU165-008	Cobalt	8.10E+00	mg/kg	Avg	8.44E+00	value
165	1	SOU165-008	Mercury	2.00E-01	mg/kg	Grid Value	3.77E-01	value
165	1	SOU165-008	Naphthalene	1.29E+00	mg/kg	Avg	1.51E+00	value
165	1	SOU165-008	Nickel	3.42E+01	mg/kg	Grid Value	3.36E+01	value
165	1	SOU165-008	PCB, Total	3.28E+00	mg/kg	Avg	9.89E+00	value
165	1	SOU165-008	Pentachlorophenol	1.97E+00	mg/kg	Avg	1.98E+00	value
165	1	SOU165-008	Silver	5.00E+00	mg/kg	Grid Value	3.09E+01	value
165	1	SOU165-008	Total PAH	6.30E+00	mg/kg	Avg	1.87E+00	value
165	1	SOU165-008	Uranium	7.53E+01	mg/kg	Avg	1.08E+02	value
165	1	SOU165-008	Cesium-137	2.58E+00	pCi/g	Avg	3.47E+00	value
165	1	SOU165-008	Neptunium-237	4.11E-01	pCi/g	Avg	4.26E-01	value
165	1	SOU165-008	Plutonium-239/240	1.96E+00	pCi/g	Avg	2.81E+00	value
165	1	SOU165-008	Thorium-230	4.75E+00	pCi/g	Avg	6.02E+00	value
165	1	SOU165-008	Uranium-234	4.37E+01	pCi/g	Avg	5.76E+01	value
165	1	SOU165-008	Uranium-235	1.61E+00	pCi/g	Avg	2.06E+00	value
165	1	SOU165-008	Uranium-238	4.96E+01	pCi/g	Avg	6.42E+01	value
165	1	SOU165-009	Aluminum	8.09E+03	mg/kg	Avg	8.41E+03	value
165	1	SOU165-009	Antimony	8.36E+00	mg/kg	Avg	2.20E+00	value
165	1	SOU165-009	Arsenic	5.06E+01	mg/kg	Avg	6.37E+01	value
165	1	SOU165-009	Barium	4.72E+02	mg/kg	Avg	5.25E+02	value
165	1	SOU165-009	Beryllium	7.94E-01	mg/kg	Avg	8.14E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
165	1	SOU165-009	Chromium	3.44E+01	mg/kg	Avg	3.61E+01	value
165	1	SOU165-009	Cobalt	8.10E+00	mg/kg	Avg	8.44E+00	value
165	1	SOU165-009	Mercury	3.51E-01	mg/kg	Avg	3.77E-01	value
165	1	SOU165-009	Naphthalene	1.29E+00	mg/kg	Avg	1.51E+00	value
165	1	SOU165-009	Nickel	3.30E+01	mg/kg	Avg	3.36E+01	value
165	1	SOU165-009	PCB, Total	3.28E+00	mg/kg	Avg	9.89E+00	value
165	1	SOU165-009	Pentachlorophenol	1.97E+00	mg/kg	Avg	1.98E+00	value
165	1	SOU165-009	Silver	2.25E+01	mg/kg	Avg	3.09E+01	value
165	1	SOU165-009	Total PAH	6.30E+00	mg/kg	Avg	1.87E+00	value
165	1	SOU165-009	Uranium	7.53E+01	mg/kg	Avg	1.08E+02	value
165	1	SOU165-009	Cesium-137	2.58E+00	pCi/g	Avg	3.47E+00	value
165	1	SOU165-009	Neptunium-237	4.11E-01	pCi/g	Avg	4.26E-01	value
165	1	SOU165-009	Plutonium-239/240	1.96E+00	pCi/g	Avg	2.81E+00	value
165	1	SOU165-009	Thorium-230	4.75E+00	pCi/g	Avg	6.02E+00	value
165	1	SOU165-009	Uranium-234	4.37E+01	pCi/g	Avg	5.76E+01	value
165	1	SOU165-009	Uranium-235	1.61E+00	pCi/g	Avg	2.06E+00	value
165	1	SOU165-009	Uranium-238	4.96E+01	pCi/g	Avg	6.42E+01	value
165	1	SOU165-010	Aluminum	8.09E+03	mg/kg	Avg	8.41E+03	value
165	1	SOU165-010	Antimony	8.36E+00	mg/kg	Avg	2.20E+00	value
165	1	SOU165-010	Arsenic	5.06E+01	mg/kg	Avg	6.37E+01	value
165	1	SOU165-010	Barium	4.72E+02	mg/kg	Avg	5.25E+02	value
165	1	SOU165-010	Beryllium	7.94E-01	mg/kg	Avg	8.14E-01	value
165	1	SOU165-010	Chromium	3.44E+01	mg/kg	Avg	3.61E+01	value
165	1	SOU165-010	Cobalt	8.10E+00	mg/kg	Avg	8.44E+00	value
165	1	SOU165-010	Mercury	3.51E-01	mg/kg	Avg	3.77E-01	value
165	1	SOU165-010	Naphthalene	1.29E+00	mg/kg	Avg	1.51E+00	value
165	1	SOU165-010	Nickel	3.30E+01	mg/kg	Avg	3.36E+01	value
165	1	SOU165-010	PCB, Total	3.28E+00	mg/kg	Avg	9.89E+00	value
165	1	SOU165-010	Pentachlorophenol	1.97E+00	mg/kg	Avg	1.98E+00	value
165	1	SOU165-010	Silver	2.25E+01	mg/kg	Avg	3.09E+01	value
165	1	SOU165-010	Total PAH	6.30E+00	mg/kg	Avg	1.87E+00	value
165	1	SOU165-010	Uranium	7.53E+01	mg/kg	Avg	1.08E+02	value
165	1	SOU165-010	Cesium-137	2.58E+00	pCi/g	Avg	3.47E+00	value
165	1	SOU165-010	Neptunium-237	4.11E-01	pCi/g	Avg	4.26E-01	value
165	1	SOU165-010	Plutonium-239/240	1.96E+00	pCi/g	Avg	2.81E+00	value
165	1	SOU165-010	Thorium-230	4.75E+00	pCi/g	Avg	6.02E+00	value
165	1	SOU165-010	Uranium-234	4.37E+01	pCi/g	Avg	5.76E+01	value
165	1	SOU165-010	Uranium-235	1.61E+00	pCi/g	Avg	2.06E+00	value
165	1	SOU165-010	Uranium-238	4.96E+01	pCi/g	Avg	6.42E+01	value
165	1	SOU165-011	Aluminum	8.09E+03	mg/kg	Avg	8.41E+03	value
165	1	SOU165-011	Antimony	8.36E+00	mg/kg	Avg	2.20E+00	value
165	1	SOU165-011	Arsenic	5.06E+01	mg/kg	Avg	6.37E+01	value
165	1	SOU165-011	Barium	4.72E+02	mg/kg	Avg	5.25E+02	value
165	1	SOU165-011	Beryllium	7.94E-01	mg/kg	Avg	8.14E-01	value
165	1	SOU165-011	Chromium	3.44E+01	mg/kg	Avg	3.61E+01	value
165	1	SOU165-011	Cobalt	8.10E+00	mg/kg	Avg	8.44E+00	value
165	1	SOU165-011	Mercury	3.51E-01	mg/kg	Avg	3.77E-01	value
165	1	SOU165-011	Naphthalene	1.29E+00	mg/kg	Avg	1.51E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
165	1	SOU165-011	Nickel	3.30E+01	mg/kg	Avg	3.36E+01	value
165	1	SOU165-011	PCB, Total	3.28E+00	mg/kg	Avg	9.89E+00	value
165	1	SOU165-011	Pentachlorophenol	1.97E+00	mg/kg	Avg	1.98E+00	value
165	1	SOU165-011	Silver	2.25E+01	mg/kg	Avg	3.09E+01	value
165	1	SOU165-011	Total PAH	6.30E+00	mg/kg	Avg	1.87E+00	value
165	1	SOU165-011	Uranium	7.53E+01	mg/kg	Avg	1.08E+02	value
165	1	SOU165-011	Cesium-137	2.58E+00	pCi/g	Avg	3.47E+00	value
165	1	SOU165-011	Neptunium-237	4.11E-01	pCi/g	Avg	4.26E-01	value
165	1	SOU165-011	Plutonium-239/240	1.96E+00	pCi/g	Avg	2.81E+00	value
165	1	SOU165-011	Thorium-230	4.75E+00	pCi/g	Avg	6.02E+00	value
165	1	SOU165-011	Uranium-234	4.37E+01	pCi/g	Avg	5.76E+01	value
165	1	SOU165-011	Uranium-235	1.61E+00	pCi/g	Avg	2.06E+00	value
165	1	SOU165-011	Uranium-238	4.96E+01	pCi/g	Avg	6.42E+01	value
165	1	SOU165-012	Aluminum	8.09E+03	mg/kg	Avg	8.41E+03	value
165	1	SOU165-012	Antimony	8.36E+00	mg/kg	Avg	2.20E+00	value
165	1	SOU165-012	Arsenic	5.06E+01	mg/kg	Avg	6.37E+01	value
165	1	SOU165-012	Barium	4.72E+02	mg/kg	Avg	5.25E+02	value
165	1	SOU165-012	Beryllium	7.94E-01	mg/kg	Avg	8.14E-01	value
165	1	SOU165-012	Chromium	3.44E+01	mg/kg	Avg	3.61E+01	value
165	1	SOU165-012	Cobalt	8.10E+00	mg/kg	Avg	8.44E+00	value
165	1	SOU165-012	Mercury	3.51E-01	mg/kg	Avg	3.77E-01	value
165	1	SOU165-012	Naphthalene	1.29E+00	mg/kg	Avg	1.51E+00	value
165	1	SOU165-012	Nickel	3.30E+01	mg/kg	Avg	3.36E+01	value
165	1	SOU165-012	PCB, Total	3.28E+00	mg/kg	Avg	9.89E+00	value
165	1	SOU165-012	Pentachlorophenol	1.97E+00	mg/kg	Avg	1.98E+00	value
165	1	SOU165-012	Silver	2.25E+01	mg/kg	Avg	3.09E+01	value
165	1	SOU165-012	Total PAH	6.30E+00	mg/kg	Avg	1.87E+00	value
165	1	SOU165-012	Uranium	7.53E+01	mg/kg	Avg	1.08E+02	value
165	1	SOU165-012	Cesium-137	2.58E+00	pCi/g	Avg	3.47E+00	value
165	1	SOU165-012	Neptunium-237	4.11E-01	pCi/g	Avg	4.26E-01	value
165	1	SOU165-012	Plutonium-239/240	1.96E+00	pCi/g	Avg	2.81E+00	value
165	1	SOU165-012	Thorium-230	4.75E+00	pCi/g	Avg	6.02E+00	value
165	1	SOU165-012	Uranium-234	4.37E+01	pCi/g	Avg	5.76E+01	value
165	1	SOU165-012	Uranium-235	1.61E+00	pCi/g	Avg	2.06E+00	value
165	1	SOU165-012	Uranium-238	4.96E+01	pCi/g	Avg	6.42E+01	value
165	1	SOU165-013	Aluminum	8.09E+03	mg/kg	Avg	8.41E+03	value
165	1	SOU165-013	Antimony	8.36E+00	mg/kg	Avg	2.20E+00	value
165	1	SOU165-013	Arsenic	5.06E+01	mg/kg	Avg	6.37E+01	value
165	1	SOU165-013	Barium	4.72E+02	mg/kg	Avg	5.25E+02	value
165	1	SOU165-013	Beryllium	7.94E-01	mg/kg	Avg	8.14E-01	value
165	1	SOU165-013	Chromium	3.44E+01	mg/kg	Avg	3.61E+01	value
165	1	SOU165-013	Cobalt	8.10E+00	mg/kg	Avg	8.44E+00	value
165	1	SOU165-013	Mercury	3.51E-01	mg/kg	Avg	3.77E-01	value
165	1	SOU165-013	Naphthalene	1.29E+00	mg/kg	Avg	1.51E+00	value
165	1	SOU165-013	Nickel	3.30E+01	mg/kg	Avg	3.36E+01	value
165	1	SOU165-013	PCB, Total	7.00E+00	mg/kg	Grid Value	9.89E+00	value
165	1	SOU165-013	Pentachlorophenol	1.97E+00	mg/kg	Avg	1.98E+00	value
165	1	SOU165-013	Silver	2.25E+01	mg/kg	Avg	3.09E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
165	1	SOU165-013	Total PAH	6.30E+00	mg/kg	Avg	1.87E+00	value
165	1	SOU165-013	Uranium	4.00E+00	mg/kg	Grid Value	1.08E+02	value
165	1	SOU165-013	Cesium-137	2.58E+00	pCi/g	Avg	3.47E+00	value
165	1	SOU165-013	Neptunium-237	4.11E-01	pCi/g	Avg	4.26E-01	value
165	1	SOU165-013	Plutonium-239/240	1.96E+00	pCi/g	Avg	2.81E+00	value
165	1	SOU165-013	Thorium-230	4.75E+00	pCi/g	Avg	6.02E+00	value
165	1	SOU165-013	Uranium-234	4.37E+01	pCi/g	Avg	5.76E+01	value
165	1	SOU165-013	Uranium-235	1.61E+00	pCi/g	Avg	2.06E+00	value
165	1	SOU165-013	Uranium-238	4.96E+01	pCi/g	Avg	6.42E+01	value
165	1	SOU165-014	Aluminum	8.09E+03	mg/kg	Avg	8.41E+03	value
165	1	SOU165-014	Antimony	8.36E+00	mg/kg	Avg	2.20E+00	value
165	1	SOU165-014	Arsenic	5.06E+01	mg/kg	Avg	6.37E+01	value
165	1	SOU165-014	Barium	4.72E+02	mg/kg	Avg	5.25E+02	value
165	1	SOU165-014	Beryllium	7.94E-01	mg/kg	Avg	8.14E-01	value
165	1	SOU165-014	Chromium	3.44E+01	mg/kg	Avg	3.61E+01	value
165	1	SOU165-014	Cobalt	8.10E+00	mg/kg	Avg	8.44E+00	value
165	1	SOU165-014	Mercury	3.51E-01	mg/kg	Avg	3.77E-01	value
165	1	SOU165-014	Naphthalene	1.29E+00	mg/kg	Avg	1.51E+00	value
165	1	SOU165-014	Nickel	3.30E+01	mg/kg	Avg	3.36E+01	value
165	1	SOU165-014	PCB, Total	5.10E+01	mg/kg	Grid Value	9.89E+00	value
165	1	SOU165-014	Pentachlorophenol	1.97E+00	mg/kg	Avg	1.98E+00	value
165	1	SOU165-014	Silver	2.25E+01	mg/kg	Avg	3.09E+01	value
165	1	SOU165-014	Total PAH	2.00E+01	mg/kg	Grid Value	1.87E+00	value
165	1	SOU165-014	Uranium	7.53E+01	mg/kg	Avg	1.08E+02	value
165	1	SOU165-014	Cesium-137	2.58E+00	pCi/g	Avg	3.47E+00	value
165	1	SOU165-014	Neptunium-237	4.11E-01	pCi/g	Avg	4.26E-01	value
165	1	SOU165-014	Plutonium-239/240	1.96E+00	pCi/g	Avg	2.81E+00	value
165	1	SOU165-014	Thorium-230	4.75E+00	pCi/g	Avg	6.02E+00	value
165	1	SOU165-014	Uranium-234	4.37E+01	pCi/g	Avg	5.76E+01	value
165	1	SOU165-014	Uranium-235	1.61E+00	pCi/g	Avg	2.06E+00	value
165	1	SOU165-014	Uranium-238	4.96E+01	pCi/g	Avg	6.42E+01	value
165	1	SOU165-015	Aluminum	8.09E+03	mg/kg	Avg	8.41E+03	value
165	1	SOU165-015	Antimony	8.36E+00	mg/kg	Avg	2.20E+00	value
165	1	SOU165-015	Arsenic	5.06E+01	mg/kg	Avg	6.37E+01	value
165	1	SOU165-015	Barium	4.72E+02	mg/kg	Avg	5.25E+02	value
165	1	SOU165-015	Beryllium	7.94E-01	mg/kg	Avg	8.14E-01	value
165	1	SOU165-015	Chromium	3.44E+01	mg/kg	Avg	3.61E+01	value
165	1	SOU165-015	Cobalt	8.10E+00	mg/kg	Avg	8.44E+00	value
165	1	SOU165-015	Mercury	3.51E-01	mg/kg	Avg	3.77E-01	value
165	1	SOU165-015	Naphthalene	1.29E+00	mg/kg	Avg	1.51E+00	value
165	1	SOU165-015	Nickel	3.30E+01	mg/kg	Avg	3.36E+01	value
165	1	SOU165-015	PCB, Total	3.28E+00	mg/kg	Avg	9.89E+00	value
165	1	SOU165-015	Pentachlorophenol	1.97E+00	mg/kg	Avg	1.98E+00	value
165	1	SOU165-015	Silver	2.25E+01	mg/kg	Avg	3.09E+01	value
165	1	SOU165-015	Total PAH	6.30E+00	mg/kg	Avg	1.87E+00	value
165	1	SOU165-015	Uranium	7.53E+01	mg/kg	Avg	1.08E+02	value
165	1	SOU165-015	Cesium-137	2.58E+00	pCi/g	Avg	3.47E+00	value
165	1	SOU165-015	Neptunium-237	4.11E-01	pCi/g	Avg	4.26E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
165	1	SOU165-015	Plutonium-239/240	1.96E+00	pCi/g	Avg	2.81E+00	value
165	1	SOU165-015	Thorium-230	4.75E+00	pCi/g	Avg	6.02E+00	value
165	1	SOU165-015	Uranium-234	4.37E+01	pCi/g	Avg	5.76E+01	value
165	1	SOU165-015	Uranium-235	1.61E+00	pCi/g	Avg	2.06E+00	value
165	1	SOU165-015	Uranium-238	4.96E+01	pCi/g	Avg	6.42E+01	value
165	1	SOU165-016	Aluminum	8.09E+03	mg/kg	Avg	8.41E+03	value
165	1	SOU165-016	Antimony	8.36E+00	mg/kg	Avg	2.20E+00	value
165	1	SOU165-016	Arsenic	5.06E+01	mg/kg	Avg	6.37E+01	value
165	1	SOU165-016	Barium	4.72E+02	mg/kg	Avg	5.25E+02	value
165	1	SOU165-016	Beryllium	7.94E-01	mg/kg	Avg	8.14E-01	value
165	1	SOU165-016	Chromium	3.44E+01	mg/kg	Avg	3.61E+01	value
165	1	SOU165-016	Cobalt	8.10E+00	mg/kg	Avg	8.44E+00	value
165	1	SOU165-016	Mercury	3.51E-01	mg/kg	Avg	3.77E-01	value
165	1	SOU165-016	Naphthalene	1.29E+00	mg/kg	Avg	1.51E+00	value
165	1	SOU165-016	Nickel	3.30E+01	mg/kg	Avg	3.36E+01	value
165	1	SOU165-016	PCB, Total	1.00E-01	mg/kg	Grid Value	9.89E+00	value
165	1	SOU165-016	Pentachlorophenol	1.97E+00	mg/kg	Avg	1.98E+00	value
165	1	SOU165-016	Silver	2.25E+01	mg/kg	Avg	3.09E+01	value
165	1	SOU165-016	Total PAH	6.30E+00	mg/kg	Avg	1.87E+00	value
165	1	SOU165-016	Uranium	7.53E+01	mg/kg	Avg	1.08E+02	value
165	1	SOU165-016	Cesium-137	2.58E+00	pCi/g	Avg	3.47E+00	value
165	1	SOU165-016	Neptunium-237	4.11E-01	pCi/g	Avg	4.26E-01	value
165	1	SOU165-016	Plutonium-239/240	1.96E+00	pCi/g	Avg	2.81E+00	value
165	1	SOU165-016	Thorium-230	4.75E+00	pCi/g	Avg	6.02E+00	value
165	1	SOU165-016	Uranium-234	4.37E+01	pCi/g	Avg	5.76E+01	value
165	1	SOU165-016	Uranium-235	1.61E+00	pCi/g	Avg	2.06E+00	value
165	1	SOU165-016	Uranium-238	4.96E+01	pCi/g	Avg	6.42E+01	value
165	1	SOU165-017	Aluminum	8.09E+03	mg/kg	Avg	8.41E+03	value
165	1	SOU165-017	Antimony	8.36E+00	mg/kg	Avg	2.20E+00	value
165	1	SOU165-017	Arsenic	5.06E+01	mg/kg	Avg	6.37E+01	value
165	1	SOU165-017	Barium	4.72E+02	mg/kg	Avg	5.25E+02	value
165	1	SOU165-017	Beryllium	7.94E-01	mg/kg	Avg	8.14E-01	value
165	1	SOU165-017	Chromium	3.44E+01	mg/kg	Avg	3.61E+01	value
165	1	SOU165-017	Cobalt	8.10E+00	mg/kg	Avg	8.44E+00	value
165	1	SOU165-017	Mercury	3.51E-01	mg/kg	Avg	3.77E-01	value
165	1	SOU165-017	Naphthalene	1.29E+00	mg/kg	Avg	1.51E+00	value
165	1	SOU165-017	Nickel	3.30E+01	mg/kg	Avg	3.36E+01	value
165	1	SOU165-017	PCB, Total	3.00E-01	mg/kg	Grid Value	9.89E+00	value
165	1	SOU165-017	Pentachlorophenol	1.97E+00	mg/kg	Avg	1.98E+00	value
165	1	SOU165-017	Silver	2.25E+01	mg/kg	Avg	3.09E+01	value
165	1	SOU165-017	Total PAH	6.30E+00	mg/kg	Avg	1.87E+00	value
165	1	SOU165-017	Uranium	7.53E+01	mg/kg	Avg	1.08E+02	value
165	1	SOU165-017	Cesium-137	2.58E+00	pCi/g	Avg	3.47E+00	value
165	1	SOU165-017	Neptunium-237	4.11E-01	pCi/g	Avg	4.26E-01	value
165	1	SOU165-017	Plutonium-239/240	1.96E+00	pCi/g	Avg	2.81E+00	value
165	1	SOU165-017	Thorium-230	4.75E+00	pCi/g	Avg	6.02E+00	value
165	1	SOU165-017	Uranium-234	4.37E+01	pCi/g	Avg	5.76E+01	value
165	1	SOU165-017	Uranium-235	1.61E+00	pCi/g	Avg	2.06E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
165	1	SOU165-017	Uranium-238	4.96E+01	pCi/g	Avg	6.42E+01	value
165	1	SOU165-018	Aluminum	8.09E+03	mg/kg	Avg	8.41E+03	value
165	1	SOU165-018	Antimony	8.36E+00	mg/kg	Avg	2.20E+00	value
165	1	SOU165-018	Arsenic	5.06E+01	mg/kg	Avg	6.37E+01	value
165	1	SOU165-018	Barium	4.72E+02	mg/kg	Avg	5.25E+02	value
165	1	SOU165-018	Beryllium	7.94E-01	mg/kg	Avg	8.14E-01	value
165	1	SOU165-018	Chromium	3.44E+01	mg/kg	Avg	3.61E+01	value
165	1	SOU165-018	Cobalt	8.10E+00	mg/kg	Avg	8.44E+00	value
165	1	SOU165-018	Mercury	3.51E-01	mg/kg	Avg	3.77E-01	value
165	1	SOU165-018	Naphthalene	1.29E+00	mg/kg	Avg	1.51E+00	value
165	1	SOU165-018	Nickel	3.30E+01	mg/kg	Avg	3.36E+01	value
165	1	SOU165-018	PCB, Total	1.10E+01	mg/kg	Grid Value	9.89E+00	value
165	1	SOU165-018	Pentachlorophenol	1.97E+00	mg/kg	Avg	1.98E+00	value
165	1	SOU165-018	Silver	2.25E+01	mg/kg	Avg	3.09E+01	value
165	1	SOU165-018	Total PAH	6.30E+00	mg/kg	Avg	1.87E+00	value
165	1	SOU165-018	Uranium	7.53E+01	mg/kg	Avg	1.08E+02	value
165	1	SOU165-018	Cesium-137	2.58E+00	pCi/g	Avg	3.47E+00	value
165	1	SOU165-018	Neptunium-237	4.11E-01	pCi/g	Avg	4.26E-01	value
165	1	SOU165-018	Plutonium-239/240	1.96E+00	pCi/g	Avg	2.81E+00	value
165	1	SOU165-018	Thorium-230	4.75E+00	pCi/g	Avg	6.02E+00	value
165	1	SOU165-018	Uranium-234	4.37E+01	pCi/g	Avg	5.76E+01	value
165	1	SOU165-018	Uranium-235	1.61E+00	pCi/g	Avg	2.06E+00	value
165	1	SOU165-018	Uranium-238	4.96E+01	pCi/g	Avg	6.42E+01	value
165	1	SOU165-019	Aluminum	1.30E+04	mg/kg	Grid Value	8.41E+03	value
165	1	SOU165-019	Antimony	2.20E+00	mg/kg	Grid Value	2.20E+00	value
165	1	SOU165-019	Arsenic	5.00E+00	mg/kg	Grid Value	6.37E+01	value
165	1	SOU165-019	Barium	1.40E+02	mg/kg	Grid Value	5.25E+02	value
165	1	SOU165-019	Beryllium	8.00E-01	mg/kg	Grid Value	8.14E-01	value
165	1	SOU165-019	Chromium	2.39E+01	mg/kg	Grid Value	3.61E+01	value
165	1	SOU165-019	Cobalt	1.31E+01	mg/kg	Grid Value	8.44E+00	value
165	1	SOU165-019	Mercury	9.70E-02	mg/kg	Grid Value	3.77E-01	value
165	1	SOU165-019	Naphthalene	3.80E-01	mg/kg	Grid Value	1.51E+00	value
165	1	SOU165-019	Nickel	1.61E+01	mg/kg	Grid Value	3.36E+01	value
165	1	SOU165-019	PCB, Total	8.00E-03	mg/kg	Grid Value	9.89E+00	value
165	1	SOU165-019	Pentachlorophenol	1.70E+00	mg/kg	Grid Value	1.98E+00	value
165	1	SOU165-019	Silver	2.20E-01	mg/kg	Grid Value	3.09E+01	value
165	1	SOU165-019	Total PAH	4.85E-01	mg/kg	Grid Value	1.87E+00	value
165	1	SOU165-019	Uranium	7.53E+01	mg/kg	Avg	1.08E+02	value
165	1	SOU165-019	Cesium-137	2.58E+00	pCi/g	Avg	3.47E+00	value
165	1	SOU165-019	Neptunium-237	6.00E-02	pCi/g	Grid Value	4.26E-01	value
165	1	SOU165-019	Plutonium-239/240	1.96E+00	pCi/g	Avg	2.81E+00	value
165	1	SOU165-019	Thorium-230	2.20E-01	pCi/g	Grid Value	6.02E+00	value
165	1	SOU165-019	Uranium-234	6.73E-01	pCi/g	Grid Value	5.76E+01	value
165	1	SOU165-019	Uranium-235	1.60E-01	pCi/g	Grid Value	2.06E+00	value
165	1	SOU165-019	Uranium-238	8.70E-01	pCi/g	Grid Value	6.42E+01	value
165	1	SOU165-020	Aluminum	8.09E+03	mg/kg	Avg	8.41E+03	value
165	1	SOU165-020	Antimony	8.36E+00	mg/kg	Avg	2.20E+00	value
165	1	SOU165-020	Arsenic	5.06E+01	mg/kg	Avg	6.37E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
165	1	SOU165-020	Barium	4.72E+02	mg/kg	Avg	5.25E+02	value
165	1	SOU165-020	Beryllium	7.94E-01	mg/kg	Avg	8.14E-01	value
165	1	SOU165-020	Chromium	3.44E+01	mg/kg	Avg	3.61E+01	value
165	1	SOU165-020	Cobalt	8.10E+00	mg/kg	Avg	8.44E+00	value
165	1	SOU165-020	Mercury	3.51E-01	mg/kg	Avg	3.77E-01	value
165	1	SOU165-020	Naphthalene	1.29E+00	mg/kg	Avg	1.51E+00	value
165	1	SOU165-020	Nickel	3.30E+01	mg/kg	Avg	3.36E+01	value
165	1	SOU165-020	PCB, Total	4.00E-01	mg/kg	Grid Value	9.89E+00	value
165	1	SOU165-020	Pentachlorophenol	1.97E+00	mg/kg	Avg	1.98E+00	value
165	1	SOU165-020	Silver	2.25E+01	mg/kg	Avg	3.09E+01	value
165	1	SOU165-020	Total PAH	6.30E+00	mg/kg	Avg	1.87E+00	value
165	1	SOU165-020	Uranium	7.53E+01	mg/kg	Avg	1.08E+02	value
165	1	SOU165-020	Cesium-137	2.58E+00	pCi/g	Avg	3.47E+00	value
165	1	SOU165-020	Neptunium-237	4.11E-01	pCi/g	Avg	4.26E-01	value
165	1	SOU165-020	Plutonium-239/240	1.96E+00	pCi/g	Avg	2.81E+00	value
165	1	SOU165-020	Thorium-230	4.75E+00	pCi/g	Avg	6.02E+00	value
165	1	SOU165-020	Uranium-234	4.37E+01	pCi/g	Avg	5.76E+01	value
165	1	SOU165-020	Uranium-235	1.61E+00	pCi/g	Avg	2.06E+00	value
165	1	SOU165-020	Uranium-238	4.96E+01	pCi/g	Avg	6.42E+01	value
165	1	SOU165-021	Aluminum	8.09E+03	mg/kg	Avg	8.41E+03	value
165	1	SOU165-021	Antimony	8.36E+00	mg/kg	Avg	2.20E+00	value
165	1	SOU165-021	Arsenic	5.06E+01	mg/kg	Avg	6.37E+01	value
165	1	SOU165-021	Barium	4.72E+02	mg/kg	Avg	5.25E+02	value
165	1	SOU165-021	Beryllium	7.94E-01	mg/kg	Avg	8.14E-01	value
165	1	SOU165-021	Chromium	3.44E+01	mg/kg	Avg	3.61E+01	value
165	1	SOU165-021	Cobalt	8.10E+00	mg/kg	Avg	8.44E+00	value
165	1	SOU165-021	Mercury	3.51E-01	mg/kg	Avg	3.77E-01	value
165	1	SOU165-021	Naphthalene	4.70E+00	mg/kg	Grid Value	1.51E+00	value
165	1	SOU165-021	Nickel	3.30E+01	mg/kg	Avg	3.36E+01	value
165	1	SOU165-021	PCB, Total	1.50E+00	mg/kg	Grid Value	9.89E+00	value
165	1	SOU165-021	Pentachlorophenol	1.97E+00	mg/kg	Avg	1.98E+00	value
165	1	SOU165-021	Silver	2.25E+01	mg/kg	Avg	3.09E+01	value
165	1	SOU165-021	Total PAH	1.60E+00	mg/kg	Grid Value	1.87E+00	value
165	1	SOU165-021	Uranium	7.53E+01	mg/kg	Avg	1.08E+02	value
165	1	SOU165-021	Cesium-137	2.58E+00	pCi/g	Avg	3.47E+00	value
165	1	SOU165-021	Neptunium-237	4.11E-01	pCi/g	Avg	4.26E-01	value
165	1	SOU165-021	Plutonium-239/240	1.96E+00	pCi/g	Avg	2.81E+00	value
165	1	SOU165-021	Thorium-230	4.75E+00	pCi/g	Avg	6.02E+00	value
165	1	SOU165-021	Uranium-234	4.37E+01	pCi/g	Avg	5.76E+01	value
165	1	SOU165-021	Uranium-235	1.61E+00	pCi/g	Avg	2.06E+00	value
165	1	SOU165-021	Uranium-238	4.96E+01	pCi/g	Avg	6.42E+01	value
165	1	SOU165-022	Aluminum	8.09E+03	mg/kg	Avg	8.41E+03	value
165	1	SOU165-022	Antimony	8.36E+00	mg/kg	Avg	2.20E+00	value
165	1	SOU165-022	Arsenic	5.06E+01	mg/kg	Avg	6.37E+01	value
165	1	SOU165-022	Barium	4.72E+02	mg/kg	Avg	5.25E+02	value
165	1	SOU165-022	Beryllium	7.94E-01	mg/kg	Avg	8.14E-01	value
165	1	SOU165-022	Chromium	3.44E+01	mg/kg	Avg	3.61E+01	value
165	1	SOU165-022	Cobalt	8.10E+00	mg/kg	Avg	8.44E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
165	1	SOU165-022	Mercury	3.51E-01	mg/kg	Avg	3.77E-01	value
165	1	SOU165-022	Naphthalene	1.29E+00	mg/kg	Avg	1.51E+00	value
165	1	SOU165-022	Nickel	3.30E+01	mg/kg	Avg	3.36E+01	value
165	1	SOU165-022	PCB, Total	2.00E-01	mg/kg	Grid Value	9.89E+00	value
165	1	SOU165-022	Pentachlorophenol	1.97E+00	mg/kg	Avg	1.98E+00	value
165	1	SOU165-022	Silver	2.25E+01	mg/kg	Avg	3.09E+01	value
165	1	SOU165-022	Total PAH	2.00E+00	mg/kg	Grid Value	1.87E+00	value
165	1	SOU165-022	Uranium	7.53E+01	mg/kg	Avg	1.08E+02	value
165	1	SOU165-022	Cesium-137	2.58E+00	pCi/g	Avg	3.47E+00	value
165	1	SOU165-022	Neptunium-237	4.11E-01	pCi/g	Avg	4.26E-01	value
165	1	SOU165-022	Plutonium-239/240	1.96E+00	pCi/g	Avg	2.81E+00	value
165	1	SOU165-022	Thorium-230	4.75E+00	pCi/g	Avg	6.02E+00	value
165	1	SOU165-022	Uranium-234	4.37E+01	pCi/g	Avg	5.76E+01	value
165	1	SOU165-022	Uranium-235	1.61E+00	pCi/g	Avg	2.06E+00	value
165	1	SOU165-022	Uranium-238	4.96E+01	pCi/g	Avg	6.42E+01	value
165	1	SOU165-023	Aluminum	8.09E+03	mg/kg	Avg	8.41E+03	value
165	1	SOU165-023	Antimony	8.36E+00	mg/kg	Avg	2.20E+00	value
165	1	SOU165-023	Arsenic	5.06E+01	mg/kg	Avg	6.37E+01	value
165	1	SOU165-023	Barium	4.72E+02	mg/kg	Avg	5.25E+02	value
165	1	SOU165-023	Beryllium	7.94E-01	mg/kg	Avg	8.14E-01	value
165	1	SOU165-023	Chromium	3.44E+01	mg/kg	Avg	3.61E+01	value
165	1	SOU165-023	Cobalt	8.10E+00	mg/kg	Avg	8.44E+00	value
165	1	SOU165-023	Mercury	3.51E-01	mg/kg	Avg	3.77E-01	value
165	1	SOU165-023	Naphthalene	1.29E+00	mg/kg	Avg	1.51E+00	value
165	1	SOU165-023	Nickel	3.30E+01	mg/kg	Avg	3.36E+01	value
165	1	SOU165-023	PCB, Total	1.10E+00	mg/kg	Grid Value	9.89E+00	value
165	1	SOU165-023	Pentachlorophenol	1.97E+00	mg/kg	Avg	1.98E+00	value
165	1	SOU165-023	Silver	2.25E+01	mg/kg	Avg	3.09E+01	value
165	1	SOU165-023	Total PAH	2.00E+01	mg/kg	Grid Value	1.87E+00	value
165	1	SOU165-023	Uranium	4.00E+00	mg/kg	Grid Value	1.08E+02	value
165	1	SOU165-023	Cesium-137	2.58E+00	pCi/g	Avg	3.47E+00	value
165	1	SOU165-023	Neptunium-237	4.11E-01	pCi/g	Avg	4.26E-01	value
165	1	SOU165-023	Plutonium-239/240	1.96E+00	pCi/g	Avg	2.81E+00	value
165	1	SOU165-023	Thorium-230	4.75E+00	pCi/g	Avg	6.02E+00	value
165	1	SOU165-023	Uranium-234	4.37E+01	pCi/g	Avg	5.76E+01	value
165	1	SOU165-023	Uranium-235	1.61E+00	pCi/g	Avg	2.06E+00	value
165	1	SOU165-023	Uranium-238	4.96E+01	pCi/g	Avg	6.42E+01	value
165	1	SOU165-024	Aluminum	8.09E+03	mg/kg	Avg	8.41E+03	value
165	1	SOU165-024	Antimony	8.36E+00	mg/kg	Avg	2.20E+00	value
165	1	SOU165-024	Arsenic	5.06E+01	mg/kg	Avg	6.37E+01	value
165	1	SOU165-024	Barium	4.72E+02	mg/kg	Avg	5.25E+02	value
165	1	SOU165-024	Beryllium	7.94E-01	mg/kg	Avg	8.14E-01	value
165	1	SOU165-024	Chromium	3.44E+01	mg/kg	Avg	3.61E+01	value
165	1	SOU165-024	Cobalt	8.10E+00	mg/kg	Avg	8.44E+00	value
165	1	SOU165-024	Mercury	3.51E-01	mg/kg	Avg	3.77E-01	value
165	1	SOU165-024	Naphthalene	1.29E+00	mg/kg	Avg	1.51E+00	value
165	1	SOU165-024	Nickel	3.30E+01	mg/kg	Avg	3.36E+01	value
165	1	SOU165-024	PCB, Total	3.28E+00	mg/kg	Avg	9.89E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
165	1	SOU165-024	Pentachlorophenol	1.97E+00	mg/kg	Avg	1.98E+00	value
165	1	SOU165-024	Silver	2.25E+01	mg/kg	Avg	3.09E+01	value
165	1	SOU165-024	Total PAH	6.30E+00	mg/kg	Avg	1.87E+00	value
165	1	SOU165-024	Uranium	7.53E+01	mg/kg	Avg	1.08E+02	value
165	1	SOU165-024	Cesium-137	2.58E+00	pCi/g	Avg	3.47E+00	value
165	1	SOU165-024	Neptunium-237	4.11E-01	pCi/g	Avg	4.26E-01	value
165	1	SOU165-024	Plutonium-239/240	1.96E+00	pCi/g	Avg	2.81E+00	value
165	1	SOU165-024	Thorium-230	4.75E+00	pCi/g	Avg	6.02E+00	value
165	1	SOU165-024	Uranium-234	4.37E+01	pCi/g	Avg	5.76E+01	value
165	1	SOU165-024	Uranium-235	1.61E+00	pCi/g	Avg	2.06E+00	value
165	1	SOU165-024	Uranium-238	4.96E+01	pCi/g	Avg	6.42E+01	value
165	1	SOU165-025	Aluminum	8.09E+03	mg/kg	Avg	8.41E+03	value
165	1	SOU165-025	Antimony	8.36E+00	mg/kg	Avg	2.20E+00	value
165	1	SOU165-025	Arsenic	5.06E+01	mg/kg	Avg	6.37E+01	value
165	1	SOU165-025	Barium	4.72E+02	mg/kg	Avg	5.25E+02	value
165	1	SOU165-025	Beryllium	7.94E-01	mg/kg	Avg	8.14E-01	value
165	1	SOU165-025	Chromium	3.44E+01	mg/kg	Avg	3.61E+01	value
165	1	SOU165-025	Cobalt	8.10E+00	mg/kg	Avg	8.44E+00	value
165	1	SOU165-025	Mercury	3.51E-01	mg/kg	Avg	3.77E-01	value
165	1	SOU165-025	Naphthalene	1.29E+00	mg/kg	Avg	1.51E+00	value
165	1	SOU165-025	Nickel	3.30E+01	mg/kg	Avg	3.36E+01	value
165	1	SOU165-025	PCB, Total	1.00E-01	mg/kg	Grid Value	9.89E+00	value
165	1	SOU165-025	Pentachlorophenol	1.97E+00	mg/kg	Avg	1.98E+00	value
165	1	SOU165-025	Silver	2.25E+01	mg/kg	Avg	3.09E+01	value
165	1	SOU165-025	Total PAH	6.30E+00	mg/kg	Avg	1.87E+00	value
165	1	SOU165-025	Uranium	7.53E+01	mg/kg	Avg	1.08E+02	value
165	1	SOU165-025	Cesium-137	2.58E+00	pCi/g	Avg	3.47E+00	value
165	1	SOU165-025	Neptunium-237	4.11E-01	pCi/g	Avg	4.26E-01	value
165	1	SOU165-025	Plutonium-239/240	1.96E+00	pCi/g	Avg	2.81E+00	value
165	1	SOU165-025	Thorium-230	4.75E+00	pCi/g	Avg	6.02E+00	value
165	1	SOU165-025	Uranium-234	4.37E+01	pCi/g	Avg	5.76E+01	value
165	1	SOU165-025	Uranium-235	1.61E+00	pCi/g	Avg	2.06E+00	value
165	1	SOU165-025	Uranium-238	4.96E+01	pCi/g	Avg	6.42E+01	value
165	1	SOU165-026	Aluminum	8.09E+03	mg/kg	Avg	8.41E+03	value
165	1	SOU165-026	Antimony	8.36E+00	mg/kg	Avg	2.20E+00	value
165	1	SOU165-026	Arsenic	5.06E+01	mg/kg	Avg	6.37E+01	value
165	1	SOU165-026	Barium	4.72E+02	mg/kg	Avg	5.25E+02	value
165	1	SOU165-026	Beryllium	7.94E-01	mg/kg	Avg	8.14E-01	value
165	1	SOU165-026	Chromium	3.44E+01	mg/kg	Avg	3.61E+01	value
165	1	SOU165-026	Cobalt	8.10E+00	mg/kg	Avg	8.44E+00	value
165	1	SOU165-026	Mercury	3.51E-01	mg/kg	Avg	3.77E-01	value
165	1	SOU165-026	Naphthalene	1.29E+00	mg/kg	Avg	1.51E+00	value
165	1	SOU165-026	Nickel	3.30E+01	mg/kg	Avg	3.36E+01	value
165	1	SOU165-026	PCB, Total	1.00E-01	mg/kg	Grid Value	9.89E+00	value
165	1	SOU165-026	Pentachlorophenol	1.97E+00	mg/kg	Avg	1.98E+00	value
165	1	SOU165-026	Silver	2.25E+01	mg/kg	Avg	3.09E+01	value
165	1	SOU165-026	Total PAH	2.00E+01	mg/kg	Grid Value	1.87E+00	value
165	1	SOU165-026	Uranium	7.53E+01	mg/kg	Avg	1.08E+02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
165	1	SOU165-026	Cesium-137	2.58E+00	pCi/g	Avg	3.47E+00	value
165	1	SOU165-026	Neptunium-237	4.11E-01	pCi/g	Avg	4.26E-01	value
165	1	SOU165-026	Plutonium-239/240	1.96E+00	pCi/g	Avg	2.81E+00	value
165	1	SOU165-026	Thorium-230	4.75E+00	pCi/g	Avg	6.02E+00	value
165	1	SOU165-026	Uranium-234	4.37E+01	pCi/g	Avg	5.76E+01	value
165	1	SOU165-026	Uranium-235	1.61E+00	pCi/g	Avg	2.06E+00	value
165	1	SOU165-026	Uranium-238	4.96E+01	pCi/g	Avg	6.42E+01	value
165	1	SOU165-027	Aluminum	8.09E+03	mg/kg	Avg	8.41E+03	value
165	1	SOU165-027	Antimony	8.36E+00	mg/kg	Avg	2.20E+00	value
165	1	SOU165-027	Arsenic	5.06E+01	mg/kg	Avg	6.37E+01	value
165	1	SOU165-027	Barium	4.72E+02	mg/kg	Avg	5.25E+02	value
165	1	SOU165-027	Beryllium	7.94E-01	mg/kg	Avg	8.14E-01	value
165	1	SOU165-027	Chromium	3.44E+01	mg/kg	Avg	3.61E+01	value
165	1	SOU165-027	Cobalt	8.10E+00	mg/kg	Avg	8.44E+00	value
165	1	SOU165-027	Mercury	3.51E-01	mg/kg	Avg	3.77E-01	value
165	1	SOU165-027	Naphthalene	1.29E+00	mg/kg	Avg	1.51E+00	value
165	1	SOU165-027	Nickel	3.30E+01	mg/kg	Avg	3.36E+01	value
165	1	SOU165-027	PCB, Total	2.00E+00	mg/kg	Grid Value	9.89E+00	value
165	1	SOU165-027	Pentachlorophenol	1.97E+00	mg/kg	Avg	1.98E+00	value
165	1	SOU165-027	Silver	2.25E+01	mg/kg	Avg	3.09E+01	value
165	1	SOU165-027	Total PAH	2.00E+00	mg/kg	Grid Value	1.87E+00	value
165	1	SOU165-027	Uranium	4.00E+00	mg/kg	Grid Value	1.08E+02	value
165	1	SOU165-027	Cesium-137	2.58E+00	pCi/g	Avg	3.47E+00	value
165	1	SOU165-027	Neptunium-237	4.11E-01	pCi/g	Avg	4.26E-01	value
165	1	SOU165-027	Plutonium-239/240	1.96E+00	pCi/g	Avg	2.81E+00	value
165	1	SOU165-027	Thorium-230	4.75E+00	pCi/g	Avg	6.02E+00	value
165	1	SOU165-027	Uranium-234	4.37E+01	pCi/g	Avg	5.76E+01	value
165	1	SOU165-027	Uranium-235	1.61E+00	pCi/g	Avg	2.06E+00	value
165	1	SOU165-027	Uranium-238	4.96E+01	pCi/g	Avg	6.42E+01	value
165	1	SOU165-028	Aluminum	8.09E+03	mg/kg	Avg	8.41E+03	value
165	1	SOU165-028	Antimony	8.36E+00	mg/kg	Avg	2.20E+00	value
165	1	SOU165-028	Arsenic	5.06E+01	mg/kg	Avg	6.37E+01	value
165	1	SOU165-028	Barium	4.72E+02	mg/kg	Avg	5.25E+02	value
165	1	SOU165-028	Beryllium	7.94E-01	mg/kg	Avg	8.14E-01	value
165	1	SOU165-028	Chromium	3.44E+01	mg/kg	Avg	3.61E+01	value
165	1	SOU165-028	Cobalt	8.10E+00	mg/kg	Avg	8.44E+00	value
165	1	SOU165-028	Mercury	3.51E-01	mg/kg	Avg	3.77E-01	value
165	1	SOU165-028	Naphthalene	1.29E+00	mg/kg	Avg	1.51E+00	value
165	1	SOU165-028	Nickel	3.30E+01	mg/kg	Avg	3.36E+01	value
165	1	SOU165-028	PCB, Total	2.00E+00	mg/kg	Grid Value	9.89E+00	value
165	1	SOU165-028	Pentachlorophenol	1.97E+00	mg/kg	Avg	1.98E+00	value
165	1	SOU165-028	Silver	2.25E+01	mg/kg	Avg	3.09E+01	value
165	1	SOU165-028	Total PAH	2.00E+00	mg/kg	Grid Value	1.87E+00	value
165	1	SOU165-028	Uranium	7.53E+01	mg/kg	Avg	1.08E+02	value
165	1	SOU165-028	Cesium-137	2.58E+00	pCi/g	Avg	3.47E+00	value
165	1	SOU165-028	Neptunium-237	4.11E-01	pCi/g	Avg	4.26E-01	value
165	1	SOU165-028	Plutonium-239/240	1.96E+00	pCi/g	Avg	2.81E+00	value
165	1	SOU165-028	Thorium-230	4.75E+00	pCi/g	Avg	6.02E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
165	1	SOU165-028	Uranium-234	4.37E+01	pCi/g	Avg	5.76E+01	value
165	1	SOU165-028	Uranium-235	1.61E+00	pCi/g	Avg	2.06E+00	value
165	1	SOU165-028	Uranium-238	4.96E+01	pCi/g	Avg	6.42E+01	value
165	1	SOU165-029	Aluminum	8.09E+03	mg/kg	Avg	8.41E+03	value
165	1	SOU165-029	Antimony	8.36E+00	mg/kg	Avg	2.20E+00	value
165	1	SOU165-029	Arsenic	5.06E+01	mg/kg	Avg	6.37E+01	value
165	1	SOU165-029	Barium	4.72E+02	mg/kg	Avg	5.25E+02	value
165	1	SOU165-029	Beryllium	7.94E-01	mg/kg	Avg	8.14E-01	value
165	1	SOU165-029	Chromium	3.44E+01	mg/kg	Avg	3.61E+01	value
165	1	SOU165-029	Cobalt	8.10E+00	mg/kg	Avg	8.44E+00	value
165	1	SOU165-029	Mercury	3.51E-01	mg/kg	Avg	3.77E-01	value
165	1	SOU165-029	Naphthalene	1.29E+00	mg/kg	Avg	1.51E+00	value
165	1	SOU165-029	Nickel	3.30E+01	mg/kg	Avg	3.36E+01	value
165	1	SOU165-029	PCB, Total	3.28E+00	mg/kg	Avg	9.89E+00	value
165	1	SOU165-029	Pentachlorophenol	1.97E+00	mg/kg	Avg	1.98E+00	value
165	1	SOU165-029	Silver	2.25E+01	mg/kg	Avg	3.09E+01	value
165	1	SOU165-029	Total PAH	6.30E+00	mg/kg	Avg	1.87E+00	value
165	1	SOU165-029	Uranium	7.53E+01	mg/kg	Avg	1.08E+02	value
165	1	SOU165-029	Cesium-137	2.58E+00	pCi/g	Avg	3.47E+00	value
165	1	SOU165-029	Neptunium-237	4.11E-01	pCi/g	Avg	4.26E-01	value
165	1	SOU165-029	Plutonium-239/240	1.96E+00	pCi/g	Avg	2.81E+00	value
165	1	SOU165-029	Thorium-230	4.75E+00	pCi/g	Avg	6.02E+00	value
165	1	SOU165-029	Uranium-234	4.37E+01	pCi/g	Avg	5.76E+01	value
165	1	SOU165-029	Uranium-235	1.61E+00	pCi/g	Avg	2.06E+00	value
165	1	SOU165-029	Uranium-238	4.96E+01	pCi/g	Avg	6.42E+01	value
165	1	SOU165-030	Aluminum	8.09E+03	mg/kg	Avg	8.41E+03	value
165	1	SOU165-030	Antimony	8.36E+00	mg/kg	Avg	2.20E+00	value
165	1	SOU165-030	Arsenic	5.06E+01	mg/kg	Avg	6.37E+01	value
165	1	SOU165-030	Barium	4.72E+02	mg/kg	Avg	5.25E+02	value
165	1	SOU165-030	Beryllium	7.94E-01	mg/kg	Avg	8.14E-01	value
165	1	SOU165-030	Chromium	3.44E+01	mg/kg	Avg	3.61E+01	value
165	1	SOU165-030	Cobalt	8.10E+00	mg/kg	Avg	8.44E+00	value
165	1	SOU165-030	Mercury	3.51E-01	mg/kg	Avg	3.77E-01	value
165	1	SOU165-030	Naphthalene	4.70E-01	mg/kg	Grid Value	1.51E+00	value
165	1	SOU165-030	Nickel	3.30E+01	mg/kg	Avg	3.36E+01	value
165	1	SOU165-030	PCB, Total	1.00E+00	mg/kg	Grid Value	9.89E+00	value
165	1	SOU165-030	Pentachlorophenol	1.97E+00	mg/kg	Avg	1.98E+00	value
165	1	SOU165-030	Silver	2.25E+01	mg/kg	Avg	3.09E+01	value
165	1	SOU165-030	Total PAH	4.70E-01	mg/kg	Grid Value	1.87E+00	value
165	1	SOU165-030	Uranium	6.00E+00	mg/kg	Grid Value	1.08E+02	value
165	1	SOU165-030	Cesium-137	2.58E+00	pCi/g	Avg	3.47E+00	value
165	1	SOU165-030	Neptunium-237	4.11E-01	pCi/g	Avg	4.26E-01	value
165	1	SOU165-030	Plutonium-239/240	1.96E+00	pCi/g	Avg	2.81E+00	value
165	1	SOU165-030	Thorium-230	4.75E+00	pCi/g	Avg	6.02E+00	value
165	1	SOU165-030	Uranium-234	4.37E+01	pCi/g	Avg	5.76E+01	value
165	1	SOU165-030	Uranium-235	1.61E+00	pCi/g	Avg	2.06E+00	value
165	1	SOU165-030	Uranium-238	4.96E+01	pCi/g	Avg	6.42E+01	value
165	1	SOU165-031	Aluminum	8.09E+03	mg/kg	Avg	8.41E+03	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
165	1	SOU165-031	Antimony	8.36E+00	mg/kg	Avg	2.20E+00	value
165	1	SOU165-031	Arsenic	5.06E+01	mg/kg	Avg	6.37E+01	value
165	1	SOU165-031	Barium	4.72E+02	mg/kg	Avg	5.25E+02	value
165	1	SOU165-031	Beryllium	7.94E-01	mg/kg	Avg	8.14E-01	value
165	1	SOU165-031	Chromium	3.44E+01	mg/kg	Avg	3.61E+01	value
165	1	SOU165-031	Cobalt	8.10E+00	mg/kg	Avg	8.44E+00	value
165	1	SOU165-031	Mercury	3.51E-01	mg/kg	Avg	3.77E-01	value
165	1	SOU165-031	Naphthalene	1.29E+00	mg/kg	Avg	1.51E+00	value
165	1	SOU165-031	Nickel	3.30E+01	mg/kg	Avg	3.36E+01	value
165	1	SOU165-031	PCB, Total	1.00E-01	mg/kg	Grid Value	9.89E+00	value
165	1	SOU165-031	Pentachlorophenol	1.97E+00	mg/kg	Avg	1.98E+00	value
165	1	SOU165-031	Silver	2.25E+01	mg/kg	Avg	3.09E+01	value
165	1	SOU165-031	Total PAH	2.00E+00	mg/kg	Grid Value	1.87E+00	value
165	1	SOU165-031	Uranium	7.53E+01	mg/kg	Avg	1.08E+02	value
165	1	SOU165-031	Cesium-137	2.58E+00	pCi/g	Avg	3.47E+00	value
165	1	SOU165-031	Neptunium-237	4.11E-01	pCi/g	Avg	4.26E-01	value
165	1	SOU165-031	Plutonium-239/240	1.96E+00	pCi/g	Avg	2.81E+00	value
165	1	SOU165-031	Thorium-230	4.75E+00	pCi/g	Avg	6.02E+00	value
165	1	SOU165-031	Uranium-234	4.37E+01	pCi/g	Avg	5.76E+01	value
165	1	SOU165-031	Uranium-235	1.61E+00	pCi/g	Avg	2.06E+00	value
165	1	SOU165-031	Uranium-238	4.96E+01	pCi/g	Avg	6.42E+01	value
165	1	SOU165-032	Aluminum	8.09E+03	mg/kg	Avg	8.41E+03	value
165	1	SOU165-032	Antimony	8.36E+00	mg/kg	Avg	2.20E+00	value
165	1	SOU165-032	Arsenic	5.06E+01	mg/kg	Avg	6.37E+01	value
165	1	SOU165-032	Barium	4.72E+02	mg/kg	Avg	5.25E+02	value
165	1	SOU165-032	Beryllium	7.94E-01	mg/kg	Avg	8.14E-01	value
165	1	SOU165-032	Chromium	3.44E+01	mg/kg	Avg	3.61E+01	value
165	1	SOU165-032	Cobalt	8.10E+00	mg/kg	Avg	8.44E+00	value
165	1	SOU165-032	Mercury	3.51E-01	mg/kg	Avg	3.77E-01	value
165	1	SOU165-032	Naphthalene	1.29E+00	mg/kg	Avg	1.51E+00	value
165	1	SOU165-032	Nickel	3.30E+01	mg/kg	Avg	3.36E+01	value
165	1	SOU165-032	PCB, Total	3.28E+00	mg/kg	Avg	9.89E+00	value
165	1	SOU165-032	Pentachlorophenol	1.97E+00	mg/kg	Avg	1.98E+00	value
165	1	SOU165-032	Silver	2.25E+01	mg/kg	Avg	3.09E+01	value
165	1	SOU165-032	Total PAH	6.30E+00	mg/kg	Avg	1.87E+00	value
165	1	SOU165-032	Uranium	7.53E+01	mg/kg	Avg	1.08E+02	value
165	1	SOU165-032	Cesium-137	2.58E+00	pCi/g	Avg	3.47E+00	value
165	1	SOU165-032	Neptunium-237	4.11E-01	pCi/g	Avg	4.26E-01	value
165	1	SOU165-032	Plutonium-239/240	1.96E+00	pCi/g	Avg	2.81E+00	value
165	1	SOU165-032	Thorium-230	4.75E+00	pCi/g	Avg	6.02E+00	value
165	1	SOU165-032	Uranium-234	4.37E+01	pCi/g	Avg	5.76E+01	value
165	1	SOU165-032	Uranium-235	1.61E+00	pCi/g	Avg	2.06E+00	value
165	1	SOU165-032	Uranium-238	4.96E+01	pCi/g	Avg	6.42E+01	value
165	1	SOU165-033	Aluminum	8.09E+03	mg/kg	Avg	8.41E+03	value
165	1	SOU165-033	Antimony	8.36E+00	mg/kg	Avg	2.20E+00	value
165	1	SOU165-033	Arsenic	5.06E+01	mg/kg	Avg	6.37E+01	value
165	1	SOU165-033	Barium	4.72E+02	mg/kg	Avg	5.25E+02	value
165	1	SOU165-033	Beryllium	7.94E-01	mg/kg	Avg	8.14E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
165	1	SOU165-033	Chromium	3.44E+01	mg/kg	Avg	3.61E+01	value
165	1	SOU165-033	Cobalt	8.10E+00	mg/kg	Avg	8.44E+00	value
165	1	SOU165-033	Mercury	3.51E-01	mg/kg	Avg	3.77E-01	value
165	1	SOU165-033	Naphthalene	1.29E+00	mg/kg	Avg	1.51E+00	value
165	1	SOU165-033	Nickel	3.30E+01	mg/kg	Avg	3.36E+01	value
165	1	SOU165-033	PCB, Total	2.00E+00	mg/kg	Grid Value	9.89E+00	value
165	1	SOU165-033	Pentachlorophenol	1.97E+00	mg/kg	Avg	1.98E+00	value
165	1	SOU165-033	Silver	2.25E+01	mg/kg	Avg	3.09E+01	value
165	1	SOU165-033	Total PAH	2.00E+01	mg/kg	Grid Value	1.87E+00	value
165	1	SOU165-033	Uranium	7.53E+01	mg/kg	Avg	1.08E+02	value
165	1	SOU165-033	Cesium-137	2.58E+00	pCi/g	Avg	3.47E+00	value
165	1	SOU165-033	Neptunium-237	4.11E-01	pCi/g	Avg	4.26E-01	value
165	1	SOU165-033	Plutonium-239/240	1.96E+00	pCi/g	Avg	2.81E+00	value
165	1	SOU165-033	Thorium-230	4.75E+00	pCi/g	Avg	6.02E+00	value
165	1	SOU165-033	Uranium-234	4.37E+01	pCi/g	Avg	5.76E+01	value
165	1	SOU165-033	Uranium-235	1.61E+00	pCi/g	Avg	2.06E+00	value
165	1	SOU165-033	Uranium-238	4.96E+01	pCi/g	Avg	6.42E+01	value
165	1	SOU165-034	Aluminum	8.09E+03	mg/kg	Avg	8.41E+03	value
165	1	SOU165-034	Antimony	8.36E+00	mg/kg	Avg	2.20E+00	value
165	1	SOU165-034	Arsenic	5.06E+01	mg/kg	Avg	6.37E+01	value
165	1	SOU165-034	Barium	4.72E+02	mg/kg	Avg	5.25E+02	value
165	1	SOU165-034	Beryllium	7.94E-01	mg/kg	Avg	8.14E-01	value
165	1	SOU165-034	Chromium	3.44E+01	mg/kg	Avg	3.61E+01	value
165	1	SOU165-034	Cobalt	8.10E+00	mg/kg	Avg	8.44E+00	value
165	1	SOU165-034	Mercury	3.51E-01	mg/kg	Avg	3.77E-01	value
165	1	SOU165-034	Naphthalene	1.29E+00	mg/kg	Avg	1.51E+00	value
165	1	SOU165-034	Nickel	3.30E+01	mg/kg	Avg	3.36E+01	value
165	1	SOU165-034	PCB, Total	3.28E+00	mg/kg	Avg	9.89E+00	value
165	1	SOU165-034	Pentachlorophenol	1.97E+00	mg/kg	Avg	1.98E+00	value
165	1	SOU165-034	Silver	2.25E+01	mg/kg	Avg	3.09E+01	value
165	1	SOU165-034	Total PAH	6.30E+00	mg/kg	Avg	1.87E+00	value
165	1	SOU165-034	Uranium	7.53E+01	mg/kg	Avg	1.08E+02	value
165	1	SOU165-034	Cesium-137	2.58E+00	pCi/g	Avg	3.47E+00	value
165	1	SOU165-034	Neptunium-237	4.11E-01	pCi/g	Avg	4.26E-01	value
165	1	SOU165-034	Plutonium-239/240	1.96E+00	pCi/g	Avg	2.81E+00	value
165	1	SOU165-034	Thorium-230	4.75E+00	pCi/g	Avg	6.02E+00	value
165	1	SOU165-034	Uranium-234	4.37E+01	pCi/g	Avg	5.76E+01	value
165	1	SOU165-034	Uranium-235	1.61E+00	pCi/g	Avg	2.06E+00	value
165	1	SOU165-034	Uranium-238	4.96E+01	pCi/g	Avg	6.42E+01	value
165	1	SOU165-035	Aluminum	8.09E+03	mg/kg	Avg	8.41E+03	value
165	1	SOU165-035	Antimony	8.36E+00	mg/kg	Avg	2.20E+00	value
165	1	SOU165-035	Arsenic	5.06E+01	mg/kg	Avg	6.37E+01	value
165	1	SOU165-035	Barium	4.72E+02	mg/kg	Avg	5.25E+02	value
165	1	SOU165-035	Beryllium	7.94E-01	mg/kg	Avg	8.14E-01	value
165	1	SOU165-035	Chromium	3.44E+01	mg/kg	Avg	3.61E+01	value
165	1	SOU165-035	Cobalt	8.10E+00	mg/kg	Avg	8.44E+00	value
165	1	SOU165-035	Mercury	3.51E-01	mg/kg	Avg	3.77E-01	value
165	1	SOU165-035	Naphthalene	1.29E+00	mg/kg	Avg	1.51E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
165	1	SOU165-035	Nickel	3.30E+01	mg/kg	Avg	3.36E+01	value
165	1	SOU165-035	PCB, Total	2.00E+00	mg/kg	Grid Value	9.89E+00	value
165	1	SOU165-035	Pentachlorophenol	1.97E+00	mg/kg	Avg	1.98E+00	value
165	1	SOU165-035	Silver	2.25E+01	mg/kg	Avg	3.09E+01	value
165	1	SOU165-035	Total PAH	2.00E+00	mg/kg	Grid Value	1.87E+00	value
165	1	SOU165-035	Uranium	7.53E+01	mg/kg	Avg	1.08E+02	value
165	1	SOU165-035	Cesium-137	2.58E+00	pCi/g	Avg	3.47E+00	value
165	1	SOU165-035	Neptunium-237	4.11E-01	pCi/g	Avg	4.26E-01	value
165	1	SOU165-035	Plutonium-239/240	1.96E+00	pCi/g	Avg	2.81E+00	value
165	1	SOU165-035	Thorium-230	4.75E+00	pCi/g	Avg	6.02E+00	value
165	1	SOU165-035	Uranium-234	4.37E+01	pCi/g	Avg	5.76E+01	value
165	1	SOU165-035	Uranium-235	1.61E+00	pCi/g	Avg	2.06E+00	value
165	1	SOU165-035	Uranium-238	4.96E+01	pCi/g	Avg	6.42E+01	value
165	1	SOU165-036	Aluminum	8.09E+03	mg/kg	Avg	8.41E+03	value
165	1	SOU165-036	Antimony	8.36E+00	mg/kg	Avg	2.20E+00	value
165	1	SOU165-036	Arsenic	5.06E+01	mg/kg	Avg	6.37E+01	value
165	1	SOU165-036	Barium	4.72E+02	mg/kg	Avg	5.25E+02	value
165	1	SOU165-036	Beryllium	7.94E-01	mg/kg	Avg	8.14E-01	value
165	1	SOU165-036	Chromium	3.44E+01	mg/kg	Avg	3.61E+01	value
165	1	SOU165-036	Cobalt	8.10E+00	mg/kg	Avg	8.44E+00	value
165	1	SOU165-036	Mercury	3.51E-01	mg/kg	Avg	3.77E-01	value
165	1	SOU165-036	Naphthalene	1.29E+00	mg/kg	Avg	1.51E+00	value
165	1	SOU165-036	Nickel	3.30E+01	mg/kg	Avg	3.36E+01	value
165	1	SOU165-036	PCB, Total	2.00E+00	mg/kg	Grid Value	9.89E+00	value
165	1	SOU165-036	Pentachlorophenol	1.97E+00	mg/kg	Avg	1.98E+00	value
165	1	SOU165-036	Silver	2.25E+01	mg/kg	Avg	3.09E+01	value
165	1	SOU165-036	Total PAH	2.00E+01	mg/kg	Grid Value	1.87E+00	value
165	1	SOU165-036	Uranium	7.53E+01	mg/kg	Avg	1.08E+02	value
165	1	SOU165-036	Cesium-137	2.58E+00	pCi/g	Avg	3.47E+00	value
165	1	SOU165-036	Neptunium-237	4.11E-01	pCi/g	Avg	4.26E-01	value
165	1	SOU165-036	Plutonium-239/240	1.96E+00	pCi/g	Avg	2.81E+00	value
165	1	SOU165-036	Thorium-230	4.75E+00	pCi/g	Avg	6.02E+00	value
165	1	SOU165-036	Uranium-234	4.37E+01	pCi/g	Avg	5.76E+01	value
165	1	SOU165-036	Uranium-235	1.61E+00	pCi/g	Avg	2.06E+00	value
165	1	SOU165-036	Uranium-238	4.96E+01	pCi/g	Avg	6.42E+01	value
170	1	SOU170-002	Cesium-137	3.35E-01	pCi/g	Avg	3.35E-01	maximum value
170	1	SOU170-002	Cobalt-60	9.50E-03	pCi/g	Avg	9.50E-03	maximum value
170	1	SOU170-002	Neptunium-237	1.15E-01	pCi/g	Avg	1.15E-01	maximum value
170	1	SOU170-002	Uranium-238	2.55E+00	pCi/g	Avg	2.55E+00	maximum value
170	1	SOU170-003	Cesium-137	3.35E-01	pCi/g	Avg	3.35E-01	maximum value
170	1	SOU170-003	Cobalt-60	9.50E-03	pCi/g	Avg	9.50E-03	maximum value
170	1	SOU170-003	Neptunium-237	1.15E-01	pCi/g	Avg	1.15E-01	maximum value
170	1	SOU170-003	Uranium-238	2.55E+00	pCi/g	Avg	2.55E+00	maximum value
170	1	SOU170-004	Cesium-137	3.35E-01	pCi/g	Avg	3.35E-01	maximum value
170	1	SOU170-004	Cobalt-60	9.50E-03	pCi/g	Avg	9.50E-03	maximum value
170	1	SOU170-004	Neptunium-237	1.15E-01	pCi/g	Avg	1.15E-01	maximum value
170	1	SOU170-004	Uranium-238	2.55E+00	pCi/g	Avg	2.55E+00	maximum value
170	1	SOU170-005	Cesium-137	3.35E-01	pCi/g	Grid Value	3.35E-01	maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
170	1	SOU170-005	Cobalt-60	9.50E-03	pCi/g	Grid Value	9.50E-03	maximum value
170	1	SOU170-005	Neptunium-237	1.15E-01	pCi/g	Grid Value	1.15E-01	maximum value
170	1	SOU170-005	Uranium-238	2.55E+00	pCi/g	Grid Value	2.55E+00	maximum value
170	1	SOU170-006	Cesium-137	3.35E-01	pCi/g	Avg	3.35E-01	maximum value
170	1	SOU170-006	Cobalt-60	9.50E-03	pCi/g	Avg	9.50E-03	maximum value
170	1	SOU170-006	Neptunium-237	1.15E-01	pCi/g	Avg	1.15E-01	maximum value
170	1	SOU170-006	Uranium-238	2.55E+00	pCi/g	Avg	2.55E+00	maximum value
158	1	SOU158-001	Antimony	4.60E-01	mg/kg	Avg	4.90E-01	value
158	1	SOU158-001	Arsenic	8.76E+00	mg/kg	Avg	9.51E+00	value
158	1	SOU158-001	Barium	1.47E+02	mg/kg	Avg	1.64E+02	value
158	1	SOU158-001	Beryllium	5.45E-01	mg/kg	Avg	5.69E-01	value
158	1	SOU158-001	Chromium	4.68E+01	mg/kg	Avg	5.11E+01	value
158	1	SOU158-001	Cobalt	1.05E+01	mg/kg	Avg	1.26E+01	value
158	1	SOU158-001	Manganese	7.20E+02	mg/kg	Avg	1.04E+03	value
158	1	SOU158-001	Mercury	4.16E+00	mg/kg	Avg	1.05E+01	value
158	1	SOU158-001	Nickel	5.53E+01	mg/kg	Avg	8.12E+01	value
158	1	SOU158-001	Silver	4.71E+00	mg/kg	Avg	1.01E+01	value
158	1	SOU158-001	Thallium	3.41E-01	mg/kg	Avg	3.69E-01	value
158	1	SOU158-001	Total PAH	6.05E-01	mg/kg	Avg	4.78E-01	value
158	1	SOU158-001	Uranium	1.55E+01	mg/kg	Avg	2.03E+01	value
158	1	SOU158-001	Neptunium-237	4.43E-02	pCi/g	Avg	5.96E-02	value
158	1	SOU158-001	Uranium-235	1.28E-01	pCi/g	Avg	1.40E-01	value
158	1	SOU158-001	Uranium-238	2.83E+00	pCi/g	Avg	3.16E+00	value
158	1	SOU158-001A	Antimony	5.22E-01	mg/kg	Grid Value	4.90E-01	UCL 95 or maximum value
158	1	SOU158-001A	Arsenic	5.38E+00	mg/kg	Grid Value	9.51E+00	UCL 95 or maximum value
158	1	SOU158-001A	Barium	3.06E+01	mg/kg	Grid Value	1.64E+02	UCL 95 or maximum value
158	1	SOU158-001A	Beryllium	5.64E-01	mg/kg	Grid Value	5.69E-01	UCL 95 or maximum value
158	1	SOU158-001A	Chromium	7.18E+01	mg/kg	Grid Value	5.11E+01	UCL 95 or maximum value
158	1	SOU158-001A	Cobalt	1.02E+01	mg/kg	Grid Value	1.26E+01	UCL 95 or maximum value
158	1	SOU158-001A	Manganese	1.55E+02	mg/kg	Grid Value	1.04E+03	UCL 95 or maximum value
158	1	SOU158-001A	Mercury	7.80E-03	mg/kg	Grid Value	1.05E+01	UCL 95 or maximum value
158	1	SOU158-001A	Nickel	4.54E+00	mg/kg	Grid Value	8.12E+01	UCL 95 or maximum value
158	1	SOU158-001A	Silver	3.45E-01	mg/kg	Grid Value	1.01E+01	UCL 95 or maximum value
158	1	SOU158-001A	Thallium	5.34E-01	mg/kg	Grid Value	3.69E-01	UCL 95 or maximum value
158	1	SOU158-001A	Total PAH	3.30E-01	mg/kg	Grid Value	4.78E-01	UCL 95 or maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
158	1	SOU158-001A	Uranium	1.55E+01	mg/kg	Avg	2.03E+01	UCL 95 or maximum value
158	1	SOU158-001A	Neptunium-237	4.43E-02	pCi/g	Avg	5.96E-02	UCL 95 or maximum value
158	1	SOU158-001A	Uranium-235	1.28E-01	pCi/g	Avg	1.40E-01	UCL 95 or maximum value
158	1	SOU158-001A	Uranium-238	2.83E+00	pCi/g	Avg	3.16E+00	UCL 95 or maximum value
158	1	SOU158-002	Antimony	4.60E-01	mg/kg	Avg	4.90E-01	value
158	1	SOU158-002	Arsenic	8.76E+00	mg/kg	Avg	9.51E+00	value
158	1	SOU158-002	Barium	1.47E+02	mg/kg	Avg	1.64E+02	value
158	1	SOU158-002	Beryllium	5.45E-01	mg/kg	Avg	5.69E-01	value
158	1	SOU158-002	Chromium	4.68E+01	mg/kg	Avg	5.11E+01	value
158	1	SOU158-002	Cobalt	1.05E+01	mg/kg	Avg	1.26E+01	value
158	1	SOU158-002	Manganese	7.20E+02	mg/kg	Avg	1.04E+03	value
158	1	SOU158-002	Mercury	4.16E+00	mg/kg	Avg	1.05E+01	value
158	1	SOU158-002	Nickel	5.53E+01	mg/kg	Avg	8.12E+01	value
158	1	SOU158-002	Silver	4.71E+00	mg/kg	Avg	1.01E+01	value
158	1	SOU158-002	Thallium	3.41E-01	mg/kg	Avg	3.69E-01	value
158	1	SOU158-002	Total PAH	6.05E-01	mg/kg	Avg	4.78E-01	value
158	1	SOU158-002	Uranium	1.55E+01	mg/kg	Avg	2.03E+01	value
158	1	SOU158-002	Neptunium-237	4.43E-02	pCi/g	Avg	5.96E-02	value
158	1	SOU158-002	Uranium-235	1.28E-01	pCi/g	Avg	1.40E-01	value
158	1	SOU158-002	Uranium-238	2.83E+00	pCi/g	Avg	3.16E+00	value
158	1	SOU158-003	Antimony	5.30E-01	mg/kg	Grid Value	4.90E-01	value
158	1	SOU158-003	Arsenic	9.90E+00	mg/kg	Grid Value	9.51E+00	value
158	1	SOU158-003	Barium	2.59E+02	mg/kg	Grid Value	1.64E+02	value
158	1	SOU158-003	Beryllium	6.10E-01	mg/kg	Grid Value	5.69E-01	value
158	1	SOU158-003	Chromium	5.05E+01	mg/kg	Grid Value	5.11E+01	value
158	1	SOU158-003	Cobalt	8.80E+00	mg/kg	Grid Value	1.26E+01	value
158	1	SOU158-003	Manganese	7.84E+02	mg/kg	Grid Value	1.04E+03	value
158	1	SOU158-003	Mercury	6.67E-02	mg/kg	Grid Value	1.05E+01	value
158	1	SOU158-003	Nickel	1.95E+01	mg/kg	Grid Value	8.12E+01	value
158	1	SOU158-003	Silver	1.80E-01	mg/kg	Grid Value	1.01E+01	value
158	1	SOU158-003	Thallium	1.80E-01	mg/kg	Grid Value	3.69E-01	value
158	1	SOU158-003	Total PAH	4.78E-01	mg/kg	Grid Value	4.78E-01	value
158	1	SOU158-003	Uranium	1.60E+01	mg/kg	Grid Value	2.03E+01	value
158	1	SOU158-003	Neptunium-237	8.20E-02	pCi/g	Grid Value	5.96E-02	value
158	1	SOU158-003	Uranium-235	1.42E-01	pCi/g	Grid Value	1.40E-01	value
158	1	SOU158-003	Uranium-238	2.93E+00	pCi/g	Grid Value	3.16E+00	value
158	1	SOU158-003A	Antimony	2.50E-01	mg/kg	Grid Value	4.90E-01	UCL 95 or maximum value
158	1	SOU158-003A	Arsenic	8.30E+00	mg/kg	Grid Value	9.51E+00	UCL 95 or maximum value
158	1	SOU158-003A	Barium	7.39E+01	mg/kg	Grid Value	1.64E+02	UCL 95 or maximum value
158	1	SOU158-003A	Beryllium	3.30E-01	mg/kg	Grid Value	5.69E-01	UCL 95 or maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
158	1	SOU158-003A	Chromium	5.04E+01	mg/kg	Grid Value	5.11E+01	UCL 95 or maximum value
158	1	SOU158-003A	Cobalt	3.10E+00	mg/kg	Grid Value	1.26E+01	UCL 95 or maximum value
158	1	SOU158-003A	Manganese	5.89E+02	mg/kg	Grid Value	1.04E+03	UCL 95 or maximum value
158	1	SOU158-003A	Mercury	3.21E-02	mg/kg	Grid Value	1.05E+01	UCL 95 or maximum value
158	1	SOU158-003A	Nickel	6.35E+01	mg/kg	Grid Value	8.12E+01	UCL 95 or maximum value
158	1	SOU158-003A	Silver	2.90E-02	mg/kg	Grid Value	1.01E+01	UCL 95 or maximum value
158	1	SOU158-003A	Thallium	3.00E-01	mg/kg	Grid Value	3.69E-01	UCL 95 or maximum value
158	1	SOU158-003A	Total PAH	6.05E-01	mg/kg	Avg	4.78E-01	UCL 95 or maximum value
158	1	SOU158-003A	Uranium	1.98E+01	mg/kg	Grid Value	2.03E+01	UCL 95 or maximum value
158	1	SOU158-003A	Neptunium-237	4.43E-02	pCi/g	Avg	5.96E-02	UCL 95 or maximum value
158	1	SOU158-003A	Uranium-235	1.28E-01	pCi/g	Avg	1.40E-01	UCL 95 or maximum value
158	1	SOU158-003A	Uranium-238	2.83E+00	pCi/g	Avg	3.16E+00	UCL 95 or maximum value
158	1	003B	Antimony	4.60E-01	mg/kg	Avg	4.90E-01	value
158	1	003B	Arsenic	8.76E+00	mg/kg	Avg	9.51E+00	value
158	1	003B	Barium	1.47E+02	mg/kg	Avg	1.64E+02	value
158	1	003B	Beryllium	5.45E-01	mg/kg	Avg	5.69E-01	value
158	1	003B	Chromium	4.68E+01	mg/kg	Avg	5.11E+01	value
158	1	003B	Cobalt	1.05E+01	mg/kg	Avg	1.26E+01	value
158	1	003B	Manganese	7.20E+02	mg/kg	Avg	1.04E+03	value
158	1	003B	Mercury	4.16E+00	mg/kg	Avg	1.05E+01	value
158	1	003B	Nickel	5.53E+01	mg/kg	Avg	8.12E+01	value
158	1	003B	Silver	4.71E+00	mg/kg	Avg	1.01E+01	value
158	1	003B	Thallium	3.41E-01	mg/kg	Avg	3.69E-01	value
158	1	003B	Total PAH	6.05E-01	mg/kg	Avg	4.78E-01	value
158	1	003B	Uranium	1.55E+01	mg/kg	Avg	2.03E+01	value
158	1	003B	Neptunium-237	4.43E-02	pCi/g	Avg	5.96E-02	value
158	1	003B	Uranium-235	1.28E-01	pCi/g	Avg	1.40E-01	value
158	1	003B	Uranium-238	2.83E+00	pCi/g	Avg	3.16E+00	value
158	1	SOU158-004	Antimony	7.00E-01	mg/kg	Grid Value	4.90E-01	value
158	1	SOU158-004	Arsenic	1.28E+01	mg/kg	Grid Value	9.51E+00	value
158	1	SOU158-004	Barium	1.29E+02	mg/kg	Grid Value	1.64E+02	value
158	1	SOU158-004	Beryllium	4.90E-01	mg/kg	Grid Value	5.69E-01	value
158	1	SOU158-004	Chromium	6.16E+01	mg/kg	Grid Value	5.11E+01	value
158	1	SOU158-004	Cobalt	5.90E+00	mg/kg	Grid Value	1.26E+01	value
158	1	SOU158-004	Manganese	6.70E+02	mg/kg	Grid Value	1.04E+03	value
158	1	SOU158-004	Mercury	4.38E-02	mg/kg	Grid Value	1.05E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
158	1	SOU158-004	Nickel	9.35E+01	mg/kg	Grid Value	8.12E+01	value
158	1	SOU158-004	Silver	3.10E-01	mg/kg	Grid Value	1.01E+01	value
158	1	SOU158-004	Thallium	2.30E-01	mg/kg	Grid Value	3.69E-01	value
158	1	SOU158-004	Total PAH	4.18E-01	mg/kg	Grid Value	4.78E-01	value
158	1	SOU158-004	Uranium	3.02E+01	mg/kg	Grid Value	2.03E+01	value
158	1	SOU158-004	Neptunium-237	8.90E-02	pCi/g	Grid Value	5.96E-02	value
158	1	SOU158-004	Uranium-235	2.59E-01	pCi/g	Grid Value	1.40E-01	value
158	1	SOU158-004	Uranium-238	6.50E+00	pCi/g	Grid Value	3.16E+00	value
158	1	SOU158-004A	Antimony	4.60E-01	mg/kg	Avg	4.90E-01	UCL 95 or maximum value
158	1	SOU158-004A	Arsenic	1.17E+01	mg/kg	Grid Value	9.51E+00	UCL 95 or maximum value
158	1	SOU158-004A	Barium	1.47E+02	mg/kg	Avg	1.64E+02	UCL 95 or maximum value
158	1	SOU158-004A	Beryllium	5.45E-01	mg/kg	Avg	5.69E-01	UCL 95 or maximum value
158	1	SOU158-004A	Chromium	3.69E+01	mg/kg	Grid Value	5.11E+01	UCL 95 or maximum value
158	1	SOU158-004A	Cobalt	1.05E+01	mg/kg	Avg	1.26E+01	UCL 95 or maximum value
158	1	SOU158-004A	Manganese	8.18E+02	mg/kg	Grid Value	1.04E+03	UCL 95 or maximum value
158	1	SOU158-004A	Mercury	7.46E+00	mg/kg	Grid Value	1.05E+01	UCL 95 or maximum value
158	1	SOU158-004A	Nickel	6.77E+01	mg/kg	Grid Value	8.12E+01	UCL 95 or maximum value
158	1	SOU158-004A	Silver	1.00E+01	mg/kg	Grid Value	1.01E+01	UCL 95 or maximum value
158	1	SOU158-004A	Thallium	3.41E-01	mg/kg	Avg	3.69E-01	UCL 95 or maximum value
158	1	SOU158-004A	Total PAH	6.05E-01	mg/kg	Avg	4.78E-01	UCL 95 or maximum value
158	1	SOU158-004A	Uranium	1.32E+01	mg/kg	Grid Value	2.03E+01	UCL 95 or maximum value
158	1	SOU158-004A	Neptunium-237	4.43E-02	pCi/g	Avg	5.96E-02	UCL 95 or maximum value
158	1	SOU158-004A	Uranium-235	1.28E-01	pCi/g	Avg	1.40E-01	UCL 95 or maximum value
158	1	SOU158-004A	Uranium-238	2.83E+00	pCi/g	Avg	3.16E+00	UCL 95 or maximum value
158	1	004B	Antimony	5.22E-01	mg/kg	Grid Value	4.90E-01	value
158	1	004B	Arsenic	3.33E+00	mg/kg	Grid Value	9.51E+00	value
158	1	004B	Barium	8.01E+01	mg/kg	Grid Value	1.64E+02	value
158	1	004B	Beryllium	4.62E-01	mg/kg	Grid Value	5.69E-01	value
158	1	004B	Chromium	2.21E+01	mg/kg	Grid Value	5.11E+01	value
158	1	004B	Cobalt	6.28E+00	mg/kg	Grid Value	1.26E+01	value
158	1	004B	Manganese	3.64E+01	mg/kg	Grid Value	1.04E+03	value
158	1	004B	Mercury	7.80E-03	mg/kg	Grid Value	1.05E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
158	1	004B	Nickel	4.20E+00	mg/kg	Grid Value	8.12E+01	value
158	1	004B	Silver	2.91E-01	mg/kg	Grid Value	1.01E+01	value
158	1	004B	Thallium	5.34E-01	mg/kg	Grid Value	3.69E-01	value
158	1	004B	Total PAH	2.30E+00	mg/kg	Grid Value	4.78E-01	value
158	1	004B	Uranium	1.55E+01	mg/kg	Avg	2.03E+01	value
158	1	004B	Neptunium-237	4.43E-02	pCi/g	Avg	5.96E-02	value
158	1	004B	Uranium-235	1.28E-01	pCi/g	Avg	1.40E-01	value
158	1	004B	Uranium-238	2.83E+00	pCi/g	Avg	3.16E+00	value
158	1	SOU158-005	Antimony	3.00E-01	mg/kg	Grid Value	4.90E-01	value
158	1	SOU158-005	Arsenic	1.18E+01	mg/kg	Grid Value	9.51E+00	value
158	1	SOU158-005	Barium	1.55E+02	mg/kg	Grid Value	1.64E+02	value
158	1	SOU158-005	Beryllium	7.50E-01	mg/kg	Grid Value	5.69E-01	value
158	1	SOU158-005	Chromium	4.37E+01	mg/kg	Grid Value	5.11E+01	value
158	1	SOU158-005	Cobalt	6.90E+00	mg/kg	Grid Value	1.26E+01	value
158	1	SOU158-005	Manganese	1.08E+03	mg/kg	Grid Value	1.04E+03	value
158	1	SOU158-005	Mercury	3.78E-02	mg/kg	Grid Value	1.05E+01	value
158	1	SOU158-005	Nickel	1.32E+01	mg/kg	Grid Value	8.12E+01	value
158	1	SOU158-005	Silver	3.20E-02	mg/kg	Grid Value	1.01E+01	value
158	1	SOU158-005	Thallium	1.70E-01	mg/kg	Grid Value	3.69E-01	value
158	1	SOU158-005	Total PAH	9.74E-02	mg/kg	Grid Value	4.78E-01	value
158	1	SOU158-005	Uranium	1.89E+01	mg/kg	Grid Value	2.03E+01	value
158	1	SOU158-005	Neptunium-237	6.20E-03	pCi/g	Grid Value	5.96E-02	value
158	1	SOU158-005	Uranium-235	5.30E-02	pCi/g	Grid Value	1.40E-01	value
158	1	SOU158-005	Uranium-238	7.90E-01	pCi/g	Grid Value	3.16E+00	value
158	1	SOU158-005A	Antimony	4.60E-01	mg/kg	Avg	4.90E-01	UCL 95 or maximum value
158	1	SOU158-005A	Arsenic	8.76E+00	mg/kg	Avg	9.51E+00	UCL 95 or maximum value
158	1	SOU158-005A	Barium	1.47E+02	mg/kg	Avg	1.64E+02	UCL 95 or maximum value
158	1	SOU158-005A	Beryllium	5.45E-01	mg/kg	Avg	5.69E-01	UCL 95 or maximum value
158	1	SOU158-005A	Chromium	4.68E+01	mg/kg	Avg	5.11E+01	UCL 95 or maximum value
158	1	SOU158-005A	Cobalt	1.05E+01	mg/kg	Avg	1.26E+01	UCL 95 or maximum value
158	1	SOU158-005A	Manganese	7.20E+02	mg/kg	Avg	1.04E+03	UCL 95 or maximum value
158	1	SOU158-005A	Mercury	4.16E+00	mg/kg	Avg	1.05E+01	UCL 95 or maximum value
158	1	SOU158-005A	Nickel	5.53E+01	mg/kg	Avg	8.12E+01	UCL 95 or maximum value
158	1	SOU158-005A	Silver	4.71E+00	mg/kg	Avg	1.01E+01	UCL 95 or maximum value
158	1	SOU158-005A	Thallium	3.41E-01	mg/kg	Avg	3.69E-01	UCL 95 or maximum value
158	1	SOU158-005A	Total PAH	6.05E-01	mg/kg	Avg	4.78E-01	UCL 95 or maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
158	1	SOU158-005A	Uranium	1.55E+01	mg/kg	Avg	2.03E+01	UCL 95 or maximum value
158	1	SOU158-005A	Neptunium-237	4.43E-02	pCi/g	Avg	5.96E-02	UCL 95 or maximum value
158	1	SOU158-005A	Uranium-235	1.28E-01	pCi/g	Avg	1.40E-01	UCL 95 or maximum value
158	1	SOU158-005A	Uranium-238	2.83E+00	pCi/g	Avg	3.16E+00	UCL 95 or maximum value
158	1	005B	Antimony	4.60E-01	mg/kg	Avg	4.90E-01	value
158	1	005B	Arsenic	1.05E+01	mg/kg	Grid Value	9.51E+00	value
158	1	005B	Barium	1.47E+02	mg/kg	Avg	1.64E+02	value
158	1	005B	Beryllium	5.45E-01	mg/kg	Avg	5.69E-01	value
158	1	005B	Chromium	3.37E+01	mg/kg	Grid Value	5.11E+01	value
158	1	005B	Cobalt	1.05E+01	mg/kg	Avg	1.26E+01	value
158	1	005B	Manganese	1.12E+03	mg/kg	Grid Value	1.04E+03	value
158	1	005B	Mercury	1.00E+01	mg/kg	Grid Value	1.05E+01	value
158	1	005B	Nickel	8.40E+01	mg/kg	Grid Value	8.12E+01	value
158	1	005B	Silver	1.47E+01	mg/kg	Grid Value	1.01E+01	value
158	1	005B	Thallium	3.41E-01	mg/kg	Avg	3.69E-01	value
158	1	005B	Total PAH	6.05E-01	mg/kg	Avg	4.78E-01	value
158	1	005B	Uranium	2.00E+01	mg/kg	Grid Value	2.03E+01	value
158	1	005B	Neptunium-237	4.43E-02	pCi/g	Avg	5.96E-02	value
158	1	005B	Uranium-235	1.28E-01	pCi/g	Avg	1.40E-01	value
158	1	005B	Uranium-238	2.83E+00	pCi/g	Avg	3.16E+00	value
158	1	SOU158-006	Antimony	4.60E-01	mg/kg	Avg	4.90E-01	value
158	1	SOU158-006	Arsenic	9.03E+00	mg/kg	Grid Value	9.51E+00	value
158	1	SOU158-006	Barium	1.47E+02	mg/kg	Avg	1.64E+02	value
158	1	SOU158-006	Beryllium	5.45E-01	mg/kg	Avg	5.69E-01	value
158	1	SOU158-006	Chromium	8.50E+01	mg/kg	Grid Value	5.11E+01	value
158	1	SOU158-006	Cobalt	1.05E+01	mg/kg	Avg	1.26E+01	value
158	1	SOU158-006	Manganese	5.79E+02	mg/kg	Grid Value	1.04E+03	value
158	1	SOU158-006	Mercury	1.00E+01	mg/kg	Grid Value	1.05E+01	value
158	1	SOU158-006	Nickel	6.50E+01	mg/kg	Grid Value	8.12E+01	value
158	1	SOU158-006	Silver	1.00E+01	mg/kg	Grid Value	1.01E+01	value
158	1	SOU158-006	Thallium	3.41E-01	mg/kg	Avg	3.69E-01	value
158	1	SOU158-006	Total PAH	6.05E-01	mg/kg	Avg	4.78E-01	value
158	1	SOU158-006	Uranium	1.19E+01	mg/kg	Grid Value	2.03E+01	value
158	1	SOU158-006	Neptunium-237	4.43E-02	pCi/g	Avg	5.96E-02	value
158	1	SOU158-006	Uranium-235	1.28E-01	pCi/g	Avg	1.40E-01	value
158	1	SOU158-006	Uranium-238	2.83E+00	pCi/g	Avg	3.16E+00	value
158	1	SOU158-006A	Antimony	4.60E-01	mg/kg	Avg	4.90E-01	UCL 95 or maximum value
158	1	SOU158-006A	Arsenic	8.76E+00	mg/kg	Avg	9.51E+00	UCL 95 or maximum value
158	1	SOU158-006A	Barium	1.47E+02	mg/kg	Avg	1.64E+02	UCL 95 or maximum value
158	1	SOU158-006A	Beryllium	5.45E-01	mg/kg	Avg	5.69E-01	UCL 95 or maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
158	1	SOU158-006A	Chromium	4.68E+01	mg/kg	Avg	5.11E+01	UCL 95 or maximum value
158	1	SOU158-006A	Cobalt	1.05E+01	mg/kg	Avg	1.26E+01	UCL 95 or maximum value
158	1	SOU158-006A	Manganese	7.20E+02	mg/kg	Avg	1.04E+03	UCL 95 or maximum value
158	1	SOU158-006A	Mercury	4.16E+00	mg/kg	Avg	1.05E+01	UCL 95 or maximum value
158	1	SOU158-006A	Nickel	5.53E+01	mg/kg	Avg	8.12E+01	UCL 95 or maximum value
158	1	SOU158-006A	Silver	4.71E+00	mg/kg	Avg	1.01E+01	UCL 95 or maximum value
158	1	SOU158-006A	Thallium	3.41E-01	mg/kg	Avg	3.69E-01	UCL 95 or maximum value
158	1	SOU158-006A	Total PAH	6.05E-01	mg/kg	Avg	4.78E-01	UCL 95 or maximum value
158	1	SOU158-006A	Uranium	1.55E+01	mg/kg	Avg	2.03E+01	UCL 95 or maximum value
158	1	SOU158-006A	Neptunium-237	4.43E-02	pCi/g	Avg	5.96E-02	UCL 95 or maximum value
158	1	SOU158-006A	Uranium-235	1.28E-01	pCi/g	Avg	1.40E-01	UCL 95 or maximum value
158	1	SOU158-006A	Uranium-238	2.83E+00	pCi/g	Avg	3.16E+00	UCL 95 or maximum value
158	1	006B	Antimony	5.40E-01	mg/kg	Grid Value	4.90E-01	value
158	1	006B	Arsenic	8.15E+00	mg/kg	Grid Value	9.51E+00	value
158	1	006B	Barium	1.55E+02	mg/kg	Grid Value	1.64E+02	value
158	1	006B	Beryllium	5.20E-01	mg/kg	Grid Value	5.69E-01	value
158	1	006B	Chromium	4.75E+01	mg/kg	Grid Value	5.11E+01	value
158	1	006B	Cobalt	6.20E+00	mg/kg	Grid Value	1.26E+01	value
158	1	006B	Manganese	1.01E+03	mg/kg	Grid Value	1.04E+03	value
158	1	006B	Mercury	4.86E-02	mg/kg	Grid Value	1.05E+01	value
158	1	006B	Nickel	8.41E+01	mg/kg	Grid Value	8.12E+01	value
158	1	006B	Silver	4.60E-02	mg/kg	Grid Value	1.01E+01	value
158	1	006B	Thallium	4.20E-01	mg/kg	Grid Value	3.69E-01	value
158	1	006B	Total PAH	6.05E-01	mg/kg	Avg	4.78E-01	value
158	1	006B	Uranium	2.90E+00	mg/kg	Grid Value	2.03E+01	value
158	1	006B	Neptunium-237	4.43E-02	pCi/g	Avg	5.96E-02	value
158	1	006B	Uranium-235	1.28E-01	pCi/g	Avg	1.40E-01	value
158	1	006B	Uranium-238	2.83E+00	pCi/g	Avg	3.16E+00	value
158	1	SOU158-007	Antimony	4.60E-01	mg/kg	Avg	4.90E-01	value
158	1	SOU158-007	Arsenic	5.82E+00	mg/kg	Grid Value	9.51E+00	value
158	1	SOU158-007	Barium	1.47E+02	mg/kg	Avg	1.64E+02	value
158	1	SOU158-007	Beryllium	5.45E-01	mg/kg	Avg	5.69E-01	value
158	1	SOU158-007	Chromium	4.34E+01	mg/kg	Grid Value	5.11E+01	value
158	1	SOU158-007	Cobalt	1.05E+01	mg/kg	Avg	1.26E+01	value
158	1	SOU158-007	Manganese	4.26E+02	mg/kg	Grid Value	1.04E+03	value
158	1	SOU158-007	Mercury	1.00E+01	mg/kg	Grid Value	1.05E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
158	1	SOU158-007	Nickel	6.50E+01	mg/kg	Grid Value	8.12E+01	value
158	1	SOU158-007	Silver	1.00E+01	mg/kg	Grid Value	1.01E+01	value
158	1	SOU158-007	Thallium	3.41E-01	mg/kg	Avg	3.69E-01	value
158	1	SOU158-007	Total PAH	6.05E-01	mg/kg	Avg	4.78E-01	value
158	1	SOU158-007	Uranium	2.00E+01	mg/kg	Grid Value	2.03E+01	value
158	1	SOU158-007	Neptunium-237	4.43E-02	pCi/g	Avg	5.96E-02	value
158	1	SOU158-007	Uranium-235	1.28E-01	pCi/g	Avg	1.40E-01	value
158	1	SOU158-007	Uranium-238	2.83E+00	pCi/g	Avg	3.16E+00	value
158	1	SOU158-007A	Antimony	4.60E-01	mg/kg	Avg	4.90E-01	UCL 95 or maximum value
158	1	SOU158-007A	Arsenic	8.76E+00	mg/kg	Avg	9.51E+00	UCL 95 or maximum value
158	1	SOU158-007A	Barium	1.47E+02	mg/kg	Avg	1.64E+02	UCL 95 or maximum value
158	1	SOU158-007A	Beryllium	5.45E-01	mg/kg	Avg	5.69E-01	UCL 95 or maximum value
158	1	SOU158-007A	Chromium	4.68E+01	mg/kg	Avg	5.11E+01	UCL 95 or maximum value
158	1	SOU158-007A	Cobalt	1.05E+01	mg/kg	Avg	1.26E+01	UCL 95 or maximum value
158	1	SOU158-007A	Manganese	7.20E+02	mg/kg	Avg	1.04E+03	UCL 95 or maximum value
158	1	SOU158-007A	Mercury	4.16E+00	mg/kg	Avg	1.05E+01	UCL 95 or maximum value
158	1	SOU158-007A	Nickel	5.53E+01	mg/kg	Avg	8.12E+01	UCL 95 or maximum value
158	1	SOU158-007A	Silver	4.71E+00	mg/kg	Avg	1.01E+01	UCL 95 or maximum value
158	1	SOU158-007A	Thallium	3.41E-01	mg/kg	Avg	3.69E-01	UCL 95 or maximum value
158	1	SOU158-007A	Total PAH	6.05E-01	mg/kg	Avg	4.78E-01	UCL 95 or maximum value
158	1	SOU158-007A	Uranium	1.55E+01	mg/kg	Avg	2.03E+01	UCL 95 or maximum value
158	1	SOU158-007A	Neptunium-237	4.43E-02	pCi/g	Avg	5.96E-02	UCL 95 or maximum value
158	1	SOU158-007A	Uranium-235	1.28E-01	pCi/g	Avg	1.40E-01	UCL 95 or maximum value
158	1	SOU158-007A	Uranium-238	2.83E+00	pCi/g	Avg	3.16E+00	UCL 95 or maximum value
158	1	007B	Antimony	4.60E-01	mg/kg	Avg	4.90E-01	value
158	1	007B	Arsenic	6.89E+00	mg/kg	Grid Value	9.51E+00	value
158	1	007B	Barium	1.47E+02	mg/kg	Avg	1.64E+02	value
158	1	007B	Beryllium	5.45E-01	mg/kg	Avg	5.69E-01	value
158	1	007B	Chromium	3.23E+01	mg/kg	Grid Value	5.11E+01	value
158	1	007B	Cobalt	1.05E+01	mg/kg	Avg	1.26E+01	value
158	1	007B	Manganese	7.55E+01	mg/kg	Grid Value	1.04E+03	value
158	1	007B	Mercury	1.00E+01	mg/kg	Grid Value	1.05E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
158	1	007B	Nickel	6.50E+01	mg/kg	Grid Value	8.12E+01	value
158	1	007B	Silver	1.00E+01	mg/kg	Grid Value	1.01E+01	value
158	1	007B	Thallium	3.41E-01	mg/kg	Avg	3.69E-01	value
158	1	007B	Total PAH	6.05E-01	mg/kg	Avg	4.78E-01	value
158	1	007B	Uranium	2.00E+01	mg/kg	Grid Value	2.03E+01	value
158	1	007B	Neptunium-237	4.43E-02	pCi/g	Avg	5.96E-02	value
158	1	007B	Uranium-235	1.28E-01	pCi/g	Avg	1.40E-01	value
158	1	007B	Uranium-238	2.83E+00	pCi/g	Avg	3.16E+00	value
158	1	SOU158-008	Antimony	3.20E-01	mg/kg	Grid Value	4.90E-01	value
158	1	SOU158-008	Arsenic	1.22E+01	mg/kg	Grid Value	9.51E+00	value
158	1	SOU158-008	Barium	2.92E+02	mg/kg	Grid Value	1.64E+02	value
158	1	SOU158-008	Beryllium	6.30E-01	mg/kg	Grid Value	5.69E-01	value
158	1	SOU158-008	Chromium	3.79E+01	mg/kg	Grid Value	5.11E+01	value
158	1	SOU158-008	Cobalt	3.65E+01	mg/kg	Grid Value	1.26E+01	value
158	1	SOU158-008	Manganese	1.86E+03	mg/kg	Grid Value	1.04E+03	value
158	1	SOU158-008	Mercury	2.22E-02	mg/kg	Grid Value	1.05E+01	value
158	1	SOU158-008	Nickel	1.35E+01	mg/kg	Grid Value	8.12E+01	value
158	1	SOU158-008	Silver	3.10E-02	mg/kg	Grid Value	1.01E+01	value
158	1	SOU158-008	Thallium	3.60E-01	mg/kg	Grid Value	3.69E-01	value
158	1	SOU158-008	Total PAH	7.20E-03	mg/kg	Grid Value	4.78E-01	value
158	1	SOU158-008	Uranium	3.50E+00	mg/kg	Grid Value	2.03E+01	value
158	1	SOU158-008	Neptunium-237	0.00E+00	pCi/g	Grid Value	5.96E-02	value
158	1	SOU158-008	Uranium-235	5.80E-02	pCi/g	Grid Value	1.40E-01	value
158	1	SOU158-008	Uranium-238	1.09E+00	pCi/g	Grid Value	3.16E+00	value
158	1	SOU158-008A	Antimony	4.60E-01	mg/kg	Avg	4.90E-01	UCL 95 or maximum value
158	1	SOU158-008A	Arsenic	8.76E+00	mg/kg	Avg	9.51E+00	UCL 95 or maximum value
158	1	SOU158-008A	Barium	1.47E+02	mg/kg	Avg	1.64E+02	UCL 95 or maximum value
158	1	SOU158-008A	Beryllium	5.45E-01	mg/kg	Avg	5.69E-01	UCL 95 or maximum value
158	1	SOU158-008A	Chromium	4.68E+01	mg/kg	Avg	5.11E+01	UCL 95 or maximum value
158	1	SOU158-008A	Cobalt	1.05E+01	mg/kg	Avg	1.26E+01	UCL 95 or maximum value
158	1	SOU158-008A	Manganese	7.20E+02	mg/kg	Avg	1.04E+03	UCL 95 or maximum value
158	1	SOU158-008A	Mercury	4.16E+00	mg/kg	Avg	1.05E+01	UCL 95 or maximum value
158	1	SOU158-008A	Nickel	5.53E+01	mg/kg	Avg	8.12E+01	UCL 95 or maximum value
158	1	SOU158-008A	Silver	4.71E+00	mg/kg	Avg	1.01E+01	UCL 95 or maximum value
158	1	SOU158-008A	Thallium	3.41E-01	mg/kg	Avg	3.69E-01	UCL 95 or maximum value
158	1	SOU158-008A	Total PAH	6.05E-01	mg/kg	Avg	4.78E-01	UCL 95 or maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
158	1	SOU158-008A	Uranium	1.55E+01	mg/kg	Avg	2.03E+01	UCL 95 or maximum value
158	1	SOU158-008A	Neptunium-237	4.43E-02	pCi/g	Avg	5.96E-02	UCL 95 or maximum value
158	1	SOU158-008A	Uranium-235	1.28E-01	pCi/g	Avg	1.40E-01	UCL 95 or maximum value
158	1	SOU158-008A	Uranium-238	2.83E+00	pCi/g	Avg	3.16E+00	UCL 95 or maximum value
158	1	008B	Antimony	4.60E-01	mg/kg	Avg	4.90E-01	value
158	1	008B	Arsenic	6.80E+00	mg/kg	Grid Value	9.51E+00	value
158	1	008B	Barium	1.47E+02	mg/kg	Avg	1.64E+02	value
158	1	008B	Beryllium	5.45E-01	mg/kg	Avg	5.69E-01	value
158	1	008B	Chromium	3.81E+01	mg/kg	Grid Value	5.11E+01	value
158	1	008B	Cobalt	1.05E+01	mg/kg	Avg	1.26E+01	value
158	1	008B	Manganese	8.80E+02	mg/kg	Grid Value	1.04E+03	value
158	1	008B	Mercury	1.05E+01	mg/kg	Grid Value	1.05E+01	value
158	1	008B	Nickel	1.32E+02	mg/kg	Grid Value	8.12E+01	value
158	1	008B	Silver	1.00E+01	mg/kg	Grid Value	1.01E+01	value
158	1	008B	Thallium	3.41E-01	mg/kg	Avg	3.69E-01	value
158	1	008B	Total PAH	6.05E-01	mg/kg	Avg	4.78E-01	value
158	1	008B	Uranium	9.85E+00	mg/kg	Grid Value	2.03E+01	value
158	1	008B	Neptunium-237	4.43E-02	pCi/g	Avg	5.96E-02	value
158	1	008B	Uranium-235	1.28E-01	pCi/g	Avg	1.40E-01	value
158	1	008B	Uranium-238	2.83E+00	pCi/g	Avg	3.16E+00	value
158	1	SOU158-009	Antimony	4.60E-01	mg/kg	Avg	4.90E-01	value
158	1	SOU158-009	Arsenic	8.76E+00	mg/kg	Avg	9.51E+00	value
158	1	SOU158-009	Barium	1.47E+02	mg/kg	Avg	1.64E+02	value
158	1	SOU158-009	Beryllium	5.45E-01	mg/kg	Avg	5.69E-01	value
158	1	SOU158-009	Chromium	4.68E+01	mg/kg	Avg	5.11E+01	value
158	1	SOU158-009	Cobalt	1.05E+01	mg/kg	Avg	1.26E+01	value
158	1	SOU158-009	Manganese	7.20E+02	mg/kg	Avg	1.04E+03	value
158	1	SOU158-009	Mercury	4.16E+00	mg/kg	Avg	1.05E+01	value
158	1	SOU158-009	Nickel	5.53E+01	mg/kg	Avg	8.12E+01	value
158	1	SOU158-009	Silver	4.71E+00	mg/kg	Avg	1.01E+01	value
158	1	SOU158-009	Thallium	3.41E-01	mg/kg	Avg	3.69E-01	value
158	1	SOU158-009	Total PAH	6.05E-01	mg/kg	Avg	4.78E-01	value
158	1	SOU158-009	Uranium	1.55E+01	mg/kg	Avg	2.03E+01	value
158	1	SOU158-009	Neptunium-237	4.43E-02	pCi/g	Avg	5.96E-02	value
158	1	SOU158-009	Uranium-235	1.28E-01	pCi/g	Avg	1.40E-01	value
158	1	SOU158-009	Uranium-238	2.83E+00	pCi/g	Avg	3.16E+00	value
158	1	SOU158-009A	Antimony	4.60E-01	mg/kg	Avg	4.90E-01	UCL 95 or maximum value
158	1	SOU158-009A	Arsenic	8.76E+00	mg/kg	Avg	9.51E+00	UCL 95 or maximum value
158	1	SOU158-009A	Barium	1.47E+02	mg/kg	Avg	1.64E+02	UCL 95 or maximum value
158	1	SOU158-009A	Beryllium	5.45E-01	mg/kg	Avg	5.69E-01	UCL 95 or maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
158	1	SOU158-009A	Chromium	4.68E+01	mg/kg	Avg	5.11E+01	UCL 95 or maximum value
158	1	SOU158-009A	Cobalt	1.05E+01	mg/kg	Avg	1.26E+01	UCL 95 or maximum value
158	1	SOU158-009A	Manganese	7.20E+02	mg/kg	Avg	1.04E+03	UCL 95 or maximum value
158	1	SOU158-009A	Mercury	4.16E+00	mg/kg	Avg	1.05E+01	UCL 95 or maximum value
158	1	SOU158-009A	Nickel	5.53E+01	mg/kg	Avg	8.12E+01	UCL 95 or maximum value
158	1	SOU158-009A	Silver	4.71E+00	mg/kg	Avg	1.01E+01	UCL 95 or maximum value
158	1	SOU158-009A	Thallium	3.41E-01	mg/kg	Avg	3.69E-01	UCL 95 or maximum value
158	1	SOU158-009A	Total PAH	6.05E-01	mg/kg	Avg	4.78E-01	UCL 95 or maximum value
158	1	SOU158-009A	Uranium	1.55E+01	mg/kg	Avg	2.03E+01	UCL 95 or maximum value
158	1	SOU158-009A	Neptunium-237	4.43E-02	pCi/g	Avg	5.96E-02	UCL 95 or maximum value
158	1	SOU158-009A	Uranium-235	1.28E-01	pCi/g	Avg	1.40E-01	UCL 95 or maximum value
158	1	SOU158-009A	Uranium-238	2.83E+00	pCi/g	Avg	3.16E+00	UCL 95 or maximum value
158	1	009B	Antimony	4.60E-01	mg/kg	Avg	4.90E-01	value
158	1	009B	Arsenic	8.76E+00	mg/kg	Avg	9.51E+00	value
158	1	009B	Barium	1.47E+02	mg/kg	Avg	1.64E+02	value
158	1	009B	Beryllium	5.45E-01	mg/kg	Avg	5.69E-01	value
158	1	009B	Chromium	4.68E+01	mg/kg	Avg	5.11E+01	value
158	1	009B	Cobalt	1.05E+01	mg/kg	Avg	1.26E+01	value
158	1	009B	Manganese	7.20E+02	mg/kg	Avg	1.04E+03	value
158	1	009B	Mercury	4.16E+00	mg/kg	Avg	1.05E+01	value
158	1	009B	Nickel	5.53E+01	mg/kg	Avg	8.12E+01	value
158	1	009B	Silver	4.71E+00	mg/kg	Avg	1.01E+01	value
158	1	009B	Thallium	3.41E-01	mg/kg	Avg	3.69E-01	value
158	1	009B	Total PAH	6.05E-01	mg/kg	Avg	4.78E-01	value
158	1	009B	Uranium	1.55E+01	mg/kg	Avg	2.03E+01	value
158	1	009B	Neptunium-237	4.43E-02	pCi/g	Avg	5.96E-02	value
158	1	009B	Uranium-235	1.28E-01	pCi/g	Avg	1.40E-01	value
158	1	009B	Uranium-238	2.83E+00	pCi/g	Avg	3.16E+00	value
169	1	SOU169-001	Aluminum	2.06E+04	mg/kg	Grid Value	2.06E+04	maximum value
169	1	SOU169-001	Antimony	3.90E+00	mg/kg	Grid Value	1.30E+00	maximum value
169	1	SOU169-001	Arsenic	6.60E+00	mg/kg	Grid Value	2.03E+01	maximum value
169	1	SOU169-001	Barium	1.62E+02	mg/kg	Grid Value	2.81E+02	maximum value
169	1	SOU169-001	Beryllium	5.80E-01	mg/kg	Grid Value	2.30E+00	maximum value
169	1	SOU169-001	Chromium	3.31E+01	mg/kg	Grid Value	2.15E+02	maximum value
169	1	SOU169-001	Cobalt	1.29E+01	mg/kg	Grid Value	7.80E+01	maximum value
169	1	SOU169-001	Copper	4.28E+02	mg/kg	Grid Value	4.28E+02	maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
169	1	SOU169-001	Iron	1.66E+04	mg/kg	Grid Value	4.16E+04	maximum value
169	1	SOU169-001	Manganese	3.30E+02	mg/kg	Grid Value	1.58E+03	maximum value
169	1	SOU169-001	Mercury	2.40E-02	mg/kg	Grid Value	7.87E+00	maximum value
169	1	SOU169-001	Nickel	8.04E+02	mg/kg	Grid Value	8.04E+02	maximum value
169	1	SOU169-001	PCB, Total	8.00E-01	mg/kg	Grid Value	1.00E+01	maximum value
169	1	SOU169-001	Thallium	3.90E-01	mg/kg	Grid Value	4.60E-01	maximum value
169	1	SOU169-001	Total PAH	4.59E+00	mg/kg	Avg	4.59E+00	maximum value
169	1	SOU169-001	Uranium	2.82E+01	mg/kg	Avg	5.03E+01	maximum value
169	1	SOU169-001	Vanadium	3.51E+01	mg/kg	Grid Value	4.49E+01	maximum value
169	1	SOU169-001	Cobalt-60	2.71E-03	pCi/g	Avg	7.40E-03	maximum value
169	1	SOU169-001	Uranium-234	1.93E+00	pCi/g	Avg	6.55E+00	maximum value
169	1	SOU169-001	Uranium-235	4.60E-01	pCi/g	Avg	4.60E-01	maximum value
169	1	SOU169-001	Uranium-238	2.45E+00	pCi/g	Avg	8.12E+00	maximum value
169	1	SOU169-002	Aluminum	1.17E+04	mg/kg	Grid Value	2.06E+04	maximum value
169	1	SOU169-002	Antimony	3.70E-01	mg/kg	Grid Value	1.30E+00	maximum value
169	1	SOU169-002	Arsenic	9.90E+00	mg/kg	Grid Value	2.03E+01	maximum value
169	1	SOU169-002	Barium	1.37E+02	mg/kg	Grid Value	2.81E+02	maximum value
169	1	SOU169-002	Beryllium	7.60E-01	mg/kg	Grid Value	2.30E+00	maximum value
169	1	SOU169-002	Chromium	3.75E+01	mg/kg	Grid Value	2.15E+02	maximum value
169	1	SOU169-002	Cobalt	6.60E+00	mg/kg	Grid Value	7.80E+01	maximum value
169	1	SOU169-002	Copper	2.28E+01	mg/kg	Grid Value	4.28E+02	maximum value
169	1	SOU169-002	Iron	2.20E+04	mg/kg	Grid Value	4.16E+04	maximum value
169	1	SOU169-002	Manganese	4.03E+02	mg/kg	Grid Value	1.58E+03	maximum value
169	1	SOU169-002	Mercury	7.87E+00	mg/kg	Grid Value	7.87E+00	maximum value
169	1	SOU169-002	Nickel	8.70E+01	mg/kg	Grid Value	8.04E+02	maximum value
169	1	SOU169-002	PCB, Total	3.20E+00	mg/kg	Grid Value	1.00E+01	maximum value
169	1	SOU169-002	Thallium	3.00E-01	mg/kg	Grid Value	4.60E-01	maximum value
169	1	SOU169-002	Total PAH	4.59E+00	mg/kg	Avg	4.59E+00	maximum value
169	1	SOU169-002	Uranium	2.75E+01	mg/kg	Grid Value	5.03E+01	maximum value
169	1	SOU169-002	Vanadium	3.27E+01	mg/kg	Grid Value	4.49E+01	maximum value
169	1	SOU169-002	Cobalt-60	7.40E-03	pCi/g	Grid Value	7.40E-03	maximum value
169	1	SOU169-002	Uranium-234	1.29E+00	pCi/g	Grid Value	6.55E+00	maximum value
169	1	SOU169-002	Uranium-235	4.60E-01	pCi/g	Avg	4.60E-01	maximum value
169	1	SOU169-002	Uranium-238	1.45E+00	pCi/g	Grid Value	8.12E+00	maximum value
169	1	SOU169-003	Aluminum	1.42E+04	mg/kg	Grid Value	2.06E+04	maximum value
169	1	SOU169-003	Antimony	5.80E-01	mg/kg	Grid Value	1.30E+00	maximum value
169	1	SOU169-003	Arsenic	9.27E+00	mg/kg	Grid Value	2.03E+01	maximum value
169	1	SOU169-003	Barium	1.16E+02	mg/kg	Grid Value	2.81E+02	maximum value
169	1	SOU169-003	Beryllium	8.00E-01	mg/kg	Grid Value	2.30E+00	maximum value
169	1	SOU169-003	Chromium	6.25E+01	mg/kg	Grid Value	2.15E+02	maximum value
169	1	SOU169-003	Cobalt	6.60E+00	mg/kg	Grid Value	7.80E+01	maximum value
169	1	SOU169-003	Copper	2.95E+01	mg/kg	Grid Value	4.28E+02	maximum value
169	1	SOU169-003	Iron	1.97E+04	mg/kg	Grid Value	4.16E+04	maximum value
169	1	SOU169-003	Manganese	5.85E+02	mg/kg	Grid Value	1.58E+03	maximum value
169	1	SOU169-003	Mercury	3.78E-02	mg/kg	Grid Value	7.87E+00	maximum value
169	1	SOU169-003	Nickel	8.80E+01	mg/kg	Grid Value	8.04E+02	maximum value
169	1	SOU169-003	PCB, Total	2.50E+00	mg/kg	Grid Value	1.00E+01	maximum value
169	1	SOU169-003	Thallium	4.60E-01	mg/kg	Grid Value	4.60E-01	maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
169	1	SOU169-003	Total PAH	4.59E+00	mg/kg	Avg	4.59E+00	maximum value
169	1	SOU169-003	Uranium	1.26E+01	mg/kg	Grid Value	5.03E+01	maximum value
169	1	SOU169-003	Vanadium	2.94E+01	mg/kg	Grid Value	4.49E+01	maximum value
169	1	SOU169-003	Cobalt-60	-5.80E-03	pCi/g	Grid Value	7.40E-03	maximum value
169	1	SOU169-003	Uranium-234	3.23E-01	pCi/g	Grid Value	6.55E+00	maximum value
169	1	SOU169-003	Uranium-235	4.60E-01	pCi/g	Avg	4.60E-01	maximum value
169	1	SOU169-003	Uranium-238	8.05E-01	pCi/g	Grid Value	8.12E+00	maximum value
169	1	SOU169-004	Aluminum	7.23E+03	mg/kg	Grid Value	2.06E+04	maximum value
169	1	SOU169-004	Antimony	2.00E+00	mg/kg	Grid Value	1.30E+00	maximum value
169	1	SOU169-004	Arsenic	1.12E+01	mg/kg	Grid Value	2.03E+01	maximum value
169	1	SOU169-004	Barium	8.92E+01	mg/kg	Grid Value	2.81E+02	maximum value
169	1	SOU169-004	Beryllium	3.00E-01	mg/kg	Grid Value	2.30E+00	maximum value
169	1	SOU169-004	Chromium	2.15E+02	mg/kg	Grid Value	2.15E+02	maximum value
169	1	SOU169-004	Cobalt	4.80E+00	mg/kg	Grid Value	7.80E+01	maximum value
169	1	SOU169-004	Copper	3.44E+01	mg/kg	Grid Value	4.28E+02	maximum value
169	1	SOU169-004	Iron	2.19E+04	mg/kg	Grid Value	4.16E+04	maximum value
169	1	SOU169-004	Manganese	4.46E+02	mg/kg	Grid Value	1.58E+03	maximum value
169	1	SOU169-004	Mercury	2.50E-02	mg/kg	Grid Value	7.87E+00	maximum value
169	1	SOU169-004	Nickel	7.32E+01	mg/kg	Grid Value	8.04E+02	maximum value
169	1	SOU169-004	PCB, Total	7.10E-02	mg/kg	Grid Value	1.00E+01	maximum value
169	1	SOU169-004	Thallium	4.00E-01	mg/kg	Grid Value	4.60E-01	maximum value
169	1	SOU169-004	Total PAH	4.59E+00	mg/kg	Avg	4.59E+00	maximum value
169	1	SOU169-004	Uranium	1.02E+01	mg/kg	Grid Value	5.03E+01	maximum value
169	1	SOU169-004	Vanadium	1.95E+01	mg/kg	Grid Value	4.49E+01	maximum value
169	1	SOU169-004	Cobalt-60	6.53E-03	pCi/g	Grid Value	7.40E-03	maximum value
169	1	SOU169-004	Uranium-234	1.85E+00	pCi/g	Grid Value	6.55E+00	maximum value
169	1	SOU169-004	Uranium-235	4.60E-01	pCi/g	Avg	4.60E-01	maximum value
169	1	SOU169-004	Uranium-238	2.25E+00	pCi/g	Grid Value	8.12E+00	maximum value
169	1	SOU169-005	Aluminum	1.73E+04	mg/kg	Grid Value	2.06E+04	maximum value
169	1	SOU169-005	Antimony	1.30E+00	mg/kg	Grid Value	1.30E+00	maximum value
169	1	SOU169-005	Arsenic	2.03E+01	mg/kg	Grid Value	2.03E+01	maximum value
169	1	SOU169-005	Barium	2.81E+02	mg/kg	Grid Value	2.81E+02	maximum value
169	1	SOU169-005	Beryllium	2.30E+00	mg/kg	Grid Value	2.30E+00	maximum value
169	1	SOU169-005	Chromium	7.16E+01	mg/kg	Grid Value	2.15E+02	maximum value
169	1	SOU169-005	Cobalt	7.80E+01	mg/kg	Grid Value	7.80E+01	maximum value
169	1	SOU169-005	Copper	1.55E+02	mg/kg	Grid Value	4.28E+02	maximum value
169	1	SOU169-005	Iron	4.16E+04	mg/kg	Grid Value	4.16E+04	maximum value
169	1	SOU169-005	Manganese	1.58E+03	mg/kg	Grid Value	1.58E+03	maximum value
169	1	SOU169-005	Mercury	4.11E-02	mg/kg	Grid Value	7.87E+00	maximum value
169	1	SOU169-005	Nickel	1.91E+02	mg/kg	Grid Value	8.04E+02	maximum value
169	1	SOU169-005	PCB, Total	1.00E+01	mg/kg	Grid Value	1.00E+01	maximum value
169	1	SOU169-005	Thallium	3.40E-01	mg/kg	Grid Value	4.60E-01	maximum value
169	1	SOU169-005	Total PAH	4.59E+00	mg/kg	Grid Value	4.59E+00	maximum value
169	1	SOU169-005	Uranium	4.05E+01	mg/kg	Grid Value	5.03E+01	maximum value
169	1	SOU169-005	Vanadium	4.49E+01	mg/kg	Grid Value	4.49E+01	maximum value
169	1	SOU169-005	Cobalt-60	2.71E-03	pCi/g	Avg	7.40E-03	maximum value
169	1	SOU169-005	Uranium-234	6.55E+00	pCi/g	Grid Value	6.55E+00	maximum value
169	1	SOU169-005	Uranium-235	4.60E-01	pCi/g	Grid Value	4.60E-01	maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
169	1	SOU169-005	Uranium-238	8.12E+00	pCi/g	Grid Value	8.12E+00	maximum value
169	1	SOU169-006	Aluminum	1.34E+04	mg/kg	Avg	2.06E+04	maximum value
169	1	SOU169-006	Antimony	2.34E+00	mg/kg	Avg	1.30E+00	maximum value
169	1	SOU169-006	Arsenic	9.08E+00	mg/kg	Avg	2.03E+01	maximum value
169	1	SOU169-006	Barium	1.28E+02	mg/kg	Avg	2.81E+02	maximum value
169	1	SOU169-006	Beryllium	8.49E-01	mg/kg	Avg	2.30E+00	maximum value
169	1	SOU169-006	Chromium	4.79E+01	mg/kg	Avg	2.15E+02	maximum value
169	1	SOU169-006	Cobalt	1.27E+01	mg/kg	Avg	7.80E+01	maximum value
169	1	SOU169-006	Copper	1.19E+02	mg/kg	Avg	4.28E+02	maximum value
169	1	SOU169-006	Iron	2.07E+04	mg/kg	Avg	4.16E+04	maximum value
169	1	SOU169-006	Manganese	4.83E+02	mg/kg	Avg	1.58E+03	maximum value
169	1	SOU169-006	Mercury	6.30E-01	mg/kg	Avg	7.87E+00	maximum value
169	1	SOU169-006	Nickel	2.06E+02	mg/kg	Avg	8.04E+02	maximum value
169	1	SOU169-006	PCB, Total	1.91E+00	mg/kg	Avg	1.00E+01	maximum value
169	1	SOU169-006	Thallium	3.85E-01	mg/kg	Avg	4.60E-01	maximum value
169	1	SOU169-006	Total PAH	4.59E+00	mg/kg	Avg	4.59E+00	maximum value
169	1	SOU169-006	Uranium	2.82E+01	mg/kg	Avg	5.03E+01	maximum value
169	1	SOU169-006	Vanadium	2.86E+01	mg/kg	Avg	4.49E+01	maximum value
169	1	SOU169-006	Cobalt-60	2.71E-03	pCi/g	Avg	7.40E-03	maximum value
169	1	SOU169-006	Uranium-234	1.93E+00	pCi/g	Avg	6.55E+00	maximum value
169	1	SOU169-006	Uranium-235	4.60E-01	pCi/g	Avg	4.60E-01	maximum value
169	1	SOU169-006	Uranium-238	2.45E+00	pCi/g	Avg	8.12E+00	maximum value
169	1	SOU169-007	Aluminum	1.34E+04	mg/kg	Avg	2.06E+04	maximum value
169	1	SOU169-007	Antimony	2.34E+00	mg/kg	Avg	1.30E+00	maximum value
169	1	SOU169-007	Arsenic	9.08E+00	mg/kg	Avg	2.03E+01	maximum value
169	1	SOU169-007	Barium	1.28E+02	mg/kg	Avg	2.81E+02	maximum value
169	1	SOU169-007	Beryllium	8.49E-01	mg/kg	Avg	2.30E+00	maximum value
169	1	SOU169-007	Chromium	4.79E+01	mg/kg	Avg	2.15E+02	maximum value
169	1	SOU169-007	Cobalt	1.27E+01	mg/kg	Avg	7.80E+01	maximum value
169	1	SOU169-007	Copper	1.19E+02	mg/kg	Avg	4.28E+02	maximum value
169	1	SOU169-007	Iron	2.07E+04	mg/kg	Avg	4.16E+04	maximum value
169	1	SOU169-007	Manganese	4.83E+02	mg/kg	Avg	1.58E+03	maximum value
169	1	SOU169-007	Mercury	6.30E-01	mg/kg	Avg	7.87E+00	maximum value
169	1	SOU169-007	Nickel	2.06E+02	mg/kg	Avg	8.04E+02	maximum value
169	1	SOU169-007	PCB, Total	1.91E+00	mg/kg	Avg	1.00E+01	maximum value
169	1	SOU169-007	Thallium	3.85E-01	mg/kg	Avg	4.60E-01	maximum value
169	1	SOU169-007	Total PAH	4.59E+00	mg/kg	Avg	4.59E+00	maximum value
169	1	SOU169-007	Uranium	2.82E+01	mg/kg	Avg	5.03E+01	maximum value
169	1	SOU169-007	Vanadium	2.86E+01	mg/kg	Avg	4.49E+01	maximum value
169	1	SOU169-007	Cobalt-60	2.71E-03	pCi/g	Avg	7.40E-03	maximum value
169	1	SOU169-007	Uranium-234	1.93E+00	pCi/g	Avg	6.55E+00	maximum value
169	1	SOU169-007	Uranium-235	4.60E-01	pCi/g	Avg	4.60E-01	maximum value
169	1	SOU169-007	Uranium-238	2.45E+00	pCi/g	Avg	8.12E+00	maximum value
169	1	SOU169-008	Aluminum	1.42E+04	mg/kg	Grid Value	2.06E+04	maximum value
169	1	SOU169-008	Antimony	3.00E-01	mg/kg	Grid Value	1.30E+00	maximum value
169	1	SOU169-008	Arsenic	1.40E+01	mg/kg	Grid Value	2.03E+01	maximum value
169	1	SOU169-008	Barium	1.01E+02	mg/kg	Grid Value	2.81E+02	maximum value
169	1	SOU169-008	Beryllium	5.80E-01	mg/kg	Grid Value	2.30E+00	maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
169	1	SOU169-008	Chromium	5.58E+01	mg/kg	Grid Value	2.15E+02	maximum value
169	1	SOU169-008	Cobalt	6.60E+00	mg/kg	Grid Value	7.80E+01	maximum value
169	1	SOU169-008	Copper	3.74E+02	mg/kg	Grid Value	4.28E+02	maximum value
169	1	SOU169-008	Iron	2.73E+04	mg/kg	Grid Value	4.16E+04	maximum value
169	1	SOU169-008	Manganese	6.08E+02	mg/kg	Grid Value	1.58E+03	maximum value
169	1	SOU169-008	Mercury	2.42E-02	mg/kg	Grid Value	7.87E+00	maximum value
169	1	SOU169-008	Nickel	5.49E+02	mg/kg	Grid Value	8.04E+02	maximum value
169	1	SOU169-008	PCB, Total	1.16E-01	mg/kg	Grid Value	1.00E+01	maximum value
169	1	SOU169-008	Thallium	3.10E-01	mg/kg	Grid Value	4.60E-01	maximum value
169	1	SOU169-008	Total PAH	4.59E+00	mg/kg	Avg	4.59E+00	maximum value
169	1	SOU169-008	Uranium	5.03E+01	mg/kg	Grid Value	5.03E+01	maximum value
169	1	SOU169-008	Vanadium	3.74E+01	mg/kg	Grid Value	4.49E+01	maximum value
169	1	SOU169-008	Cobalt-60	2.71E-03	pCi/g	Avg	7.40E-03	maximum value
169	1	SOU169-008	Uranium-234	1.93E+00	pCi/g	Avg	6.55E+00	maximum value
169	1	SOU169-008	Uranium-235	4.60E-01	pCi/g	Avg	4.60E-01	maximum value
169	1	SOU169-008	Uranium-238	2.45E+00	pCi/g	Avg	8.12E+00	maximum value
169	1	SOU169-009	Aluminum	1.34E+04	mg/kg	Avg	2.06E+04	maximum value
169	1	SOU169-009	Antimony	2.34E+00	mg/kg	Avg	1.30E+00	maximum value
169	1	SOU169-009	Arsenic	9.08E+00	mg/kg	Avg	2.03E+01	maximum value
169	1	SOU169-009	Barium	1.28E+02	mg/kg	Avg	2.81E+02	maximum value
169	1	SOU169-009	Beryllium	8.49E-01	mg/kg	Avg	2.30E+00	maximum value
169	1	SOU169-009	Chromium	4.79E+01	mg/kg	Avg	2.15E+02	maximum value
169	1	SOU169-009	Cobalt	1.27E+01	mg/kg	Avg	7.80E+01	maximum value
169	1	SOU169-009	Copper	1.19E+02	mg/kg	Avg	4.28E+02	maximum value
169	1	SOU169-009	Iron	2.07E+04	mg/kg	Avg	4.16E+04	maximum value
169	1	SOU169-009	Manganese	4.83E+02	mg/kg	Avg	1.58E+03	maximum value
169	1	SOU169-009	Mercury	6.30E-01	mg/kg	Avg	7.87E+00	maximum value
169	1	SOU169-009	Nickel	2.06E+02	mg/kg	Avg	8.04E+02	maximum value
169	1	SOU169-009	PCB, Total	1.91E+00	mg/kg	Avg	1.00E+01	maximum value
169	1	SOU169-009	Thallium	3.85E-01	mg/kg	Avg	4.60E-01	maximum value
169	1	SOU169-009	Total PAH	4.59E+00	mg/kg	Avg	4.59E+00	maximum value
169	1	SOU169-009	Uranium	2.82E+01	mg/kg	Avg	5.03E+01	maximum value
169	1	SOU169-009	Vanadium	2.86E+01	mg/kg	Avg	4.49E+01	maximum value
169	1	SOU169-009	Cobalt-60	2.71E-03	pCi/g	Avg	7.40E-03	maximum value
169	1	SOU169-009	Uranium-234	1.93E+00	pCi/g	Avg	6.55E+00	maximum value
169	1	SOU169-009	Uranium-235	4.60E-01	pCi/g	Avg	4.60E-01	maximum value
169	1	SOU169-009	Uranium-238	2.45E+00	pCi/g	Avg	8.12E+00	maximum value
19	1	SOU019-001	Arsenic	1.01E+01	mg/kg	Grid Value	1.01E+01	maximum value
19	1	SOU019-001	Beryllium	1.40E+00	mg/kg	Grid Value	1.40E+00	maximum value
19	1	SOU019-001	Cadmium	5.70E+00	mg/kg	Grid Value	5.70E+00	maximum value
19	1	SOU019-001	Cobalt	1.35E+01	mg/kg	Grid Value	1.35E+01	maximum value
19	1	SOU019-001	Copper	1.80E+03	mg/kg	Grid Value	1.80E+03	maximum value
19	1	SOU019-001	Nickel	4.38E+02	mg/kg	Grid Value	4.38E+02	maximum value
19	1	SOU019-001	Thallium	9.80E-01	mg/kg	Grid Value	9.80E-01	maximum value
19	1	SOU019-001	Total PAH	5.23E+00	mg/kg	Grid Value	5.23E+00	maximum value
19	1	SOU019-001	Uranium	1.64E+02	mg/kg	Grid Value	1.64E+02	maximum value
19	1	SOU019-001	Vanadium	3.83E+01	mg/kg	Grid Value	3.83E+01	maximum value
19	1	SOU019-001	Uranium-234	2.77E+01	pCi/g	Grid Value	2.77E+01	maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
19	1	SOU019-001	Uranium-235	1.30E+00	pCi/g	Grid Value	1.30E+00	maximum value
19	1	SOU019-001	Uranium-238	3.06E+01	pCi/g	Grid Value	3.06E+01	maximum value
138	1	SOU138-001	Aluminum	1.04E+04	mg/kg	Avg	1.08E+04	value
138	1	SOU138-001	Antimony	3.04E+00	mg/kg	Avg	4.55E+00	value
138	1	SOU138-001	Arsenic	8.21E+00	mg/kg	Grid Value	1.08E+01	value
138	1	SOU138-001	Barium	1.71E+02	mg/kg	Avg	1.99E+02	value
138	1	SOU138-001	Beryllium	5.97E-01	mg/kg	Avg	6.28E-01	value
138	1	SOU138-001	Cadmium	3.35E+00	mg/kg	Avg	4.87E+00	value
138	1	SOU138-001	Chromium	8.50E+01	mg/kg	Grid Value	5.65E+01	value
138	1	SOU138-001	Cobalt	8.45E+00	mg/kg	Avg	9.18E+00	value
138	1	SOU138-001	Iron	1.41E+04	mg/kg	Grid Value	1.99E+04	value
138	1	SOU138-001	Manganese	4.17E+02	mg/kg	Grid Value	6.55E+02	value
138	1	SOU138-001	Mercury	1.00E+01	mg/kg	Grid Value	1.46E+01	value
138	1	SOU138-001	Nickel	6.42E+01	mg/kg	Grid Value	7.71E+01	value
138	1	SOU138-001	PCB, Total	5.00E+00	mg/kg	Grid Value	5.00E-01	value
138	1	SOU138-001	Silver	1.00E+01	mg/kg	Grid Value	1.01E+01	value
138	1	SOU138-001	Thallium	2.84E+00	mg/kg	Avg	6.20E-01	value
138	1	SOU138-001	Total PAH	9.74E-02	mg/kg	Avg	9.74E-02	value
138	1	SOU138-001	Vanadium	2.85E+01	mg/kg	Avg	2.99E+01	value
138	1	SOU138-001A	Aluminum	9.03E+03	mg/kg	Grid Value	1.08E+04	UCL 95 or maximum value
138	1	SOU138-001A	Antimony	3.40E-01	mg/kg	Grid Value	4.55E+00	UCL 95 or maximum value
138	1	SOU138-001A	Arsenic	7.50E+00	mg/kg	Grid Value	1.08E+01	UCL 95 or maximum value
138	1	SOU138-001A	Barium	9.65E+01	mg/kg	Grid Value	1.99E+02	UCL 95 or maximum value
138	1	SOU138-001A	Beryllium	5.40E-01	mg/kg	Grid Value	6.28E-01	UCL 95 or maximum value
138	1	SOU138-001A	Cadmium	8.20E-02	mg/kg	Grid Value	4.87E+00	UCL 95 or maximum value
138	1	SOU138-001A	Chromium	1.33E+01	mg/kg	Grid Value	5.65E+01	UCL 95 or maximum value
138	1	SOU138-001A	Cobalt	6.80E+00	mg/kg	Grid Value	9.18E+00	UCL 95 or maximum value
138	1	SOU138-001A	Iron	1.49E+04	mg/kg	Grid Value	1.99E+04	UCL 95 or maximum value
138	1	SOU138-001A	Manganese	5.49E+02	mg/kg	Grid Value	6.55E+02	UCL 95 or maximum value
138	1	SOU138-001A	Mercury	2.99E-02	mg/kg	Grid Value	1.46E+01	UCL 95 or maximum value
138	1	SOU138-001A	Nickel	8.90E+00	mg/kg	Grid Value	7.71E+01	UCL 95 or maximum value
138	1	SOU138-001A	PCB, Total	1.41E+00	mg/kg	Avg	5.00E-01	UCL 95 or maximum value
138	1	SOU138-001A	Silver	4.90E-02	mg/kg	Grid Value	1.01E+01	UCL 95 or maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
138	1	SOU138-001A	Thallium	2.00E-01	mg/kg	Grid Value	6.20E-01	UCL 95 or maximum value
138	1	SOU138-001A	Total PAH	9.74E-02	mg/kg	Avg	9.74E-02	UCL 95 or maximum value
138	1	SOU138-001A	Vanadium	2.93E+01	mg/kg	Grid Value	2.99E+01	UCL 95 or maximum value
138	1	001B	Aluminum	1.04E+04	mg/kg	Avg	1.08E+04	value
138	1	001B	Antimony	3.04E+00	mg/kg	Avg	4.55E+00	value
138	1	001B	Arsenic	5.39E+00	mg/kg	Grid Value	1.08E+01	value
138	1	001B	Barium	1.71E+02	mg/kg	Avg	1.99E+02	value
138	1	001B	Beryllium	5.97E-01	mg/kg	Avg	6.28E-01	value
138	1	001B	Cadmium	3.35E+00	mg/kg	Avg	4.87E+00	value
138	1	001B	Chromium	8.50E+01	mg/kg	Grid Value	5.65E+01	value
138	1	001B	Cobalt	8.45E+00	mg/kg	Avg	9.18E+00	value
138	1	001B	Iron	1.32E+04	mg/kg	Grid Value	1.99E+04	value
138	1	001B	Manganese	5.45E+02	mg/kg	Grid Value	6.55E+02	value
138	1	001B	Mercury	1.00E+01	mg/kg	Grid Value	1.46E+01	value
138	1	001B	Nickel	6.50E+01	mg/kg	Grid Value	7.71E+01	value
138	1	001B	PCB, Total	1.41E+00	mg/kg	Avg	5.00E-01	value
138	1	001B	Silver	1.00E+01	mg/kg	Grid Value	1.01E+01	value
138	1	001B	Thallium	2.84E+00	mg/kg	Avg	6.20E-01	value
138	1	001B	Total PAH	9.74E-02	mg/kg	Avg	9.74E-02	value
138	1	001B	Vanadium	2.85E+01	mg/kg	Avg	2.99E+01	value
138	1	001C	Aluminum	1.30E+04	mg/kg	Grid Value	1.08E+04	value
138	1	001C	Antimony	2.00E-01	mg/kg	Grid Value	4.55E+00	value
138	1	001C	Arsenic	1.53E+01	mg/kg	Grid Value	1.08E+01	value
138	1	001C	Barium	5.29E+02	mg/kg	Grid Value	1.99E+02	value
138	1	001C	Beryllium	8.60E-01	mg/kg	Grid Value	6.28E-01	value
138	1	001C	Cadmium	2.40E-02	mg/kg	Grid Value	4.87E+00	value
138	1	001C	Chromium	5.65E+01	mg/kg	Grid Value	5.65E+01	value
138	1	001C	Cobalt	5.40E+00	mg/kg	Grid Value	9.18E+00	value
138	1	001C	Iron	2.18E+04	mg/kg	Grid Value	1.99E+04	value
138	1	001C	Manganese	3.77E+02	mg/kg	Grid Value	6.55E+02	value
138	1	001C	Mercury	1.41E-02	mg/kg	Grid Value	1.46E+01	value
138	1	001C	Nickel	7.23E+01	mg/kg	Grid Value	7.71E+01	value
138	1	001C	PCB, Total	1.41E+00	mg/kg	Avg	5.00E-01	value
138	1	001C	Silver	2.10E-02	mg/kg	Grid Value	1.01E+01	value
138	1	001C	Thallium	1.90E-01	mg/kg	Grid Value	6.20E-01	value
138	1	001C	Total PAH	9.74E-02	mg/kg	Avg	9.74E-02	value
138	1	001C	Vanadium	4.28E+01	mg/kg	Grid Value	2.99E+01	value
138	1	SOU138-002	Aluminum	1.04E+04	mg/kg	Avg	1.08E+04	value
138	1	SOU138-002	Antimony	3.04E+00	mg/kg	Avg	4.55E+00	value
138	1	SOU138-002	Arsenic	7.28E+00	mg/kg	Grid Value	1.08E+01	value
138	1	SOU138-002	Barium	1.71E+02	mg/kg	Avg	1.99E+02	value
138	1	SOU138-002	Beryllium	5.97E-01	mg/kg	Avg	6.28E-01	value
138	1	SOU138-002	Cadmium	3.35E+00	mg/kg	Avg	4.87E+00	value
138	1	SOU138-002	Chromium	8.50E+01	mg/kg	Grid Value	5.65E+01	value
138	1	SOU138-002	Cobalt	8.45E+00	mg/kg	Avg	9.18E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
138	1	SOU138-002	Iron	1.19E+04	mg/kg	Grid Value	1.99E+04	value
138	1	SOU138-002	Manganese	6.85E+02	mg/kg	Grid Value	6.55E+02	value
138	1	SOU138-002	Mercury	1.00E+01	mg/kg	Grid Value	1.46E+01	value
138	1	SOU138-002	Nickel	6.50E+01	mg/kg	Grid Value	7.71E+01	value
138	1	SOU138-002	PCB, Total	5.00E+00	mg/kg	Grid Value	5.00E-01	value
138	1	SOU138-002	Silver	9.54E+00	mg/kg	Grid Value	1.01E+01	value
138	1	SOU138-002	Thallium	2.84E+00	mg/kg	Avg	6.20E-01	value
138	1	SOU138-002	Total PAH	9.74E-02	mg/kg	Avg	9.74E-02	value
138	1	SOU138-002	Vanadium	2.85E+01	mg/kg	Avg	2.99E+01	value
138	1	SOU138-002A	Aluminum	1.04E+04	mg/kg	Avg	1.08E+04	UCL 95 or maximum value
138	1	SOU138-002A	Antimony	3.04E+00	mg/kg	Avg	4.55E+00	UCL 95 or maximum value
138	1	SOU138-002A	Arsenic	1.53E+01	mg/kg	Grid Value	1.08E+01	UCL 95 or maximum value
138	1	SOU138-002A	Barium	1.71E+02	mg/kg	Avg	1.99E+02	UCL 95 or maximum value
138	1	SOU138-002A	Beryllium	5.97E-01	mg/kg	Avg	6.28E-01	UCL 95 or maximum value
138	1	SOU138-002A	Cadmium	3.35E+00	mg/kg	Avg	4.87E+00	UCL 95 or maximum value
138	1	SOU138-002A	Chromium	8.50E+01	mg/kg	Grid Value	5.65E+01	UCL 95 or maximum value
138	1	SOU138-002A	Cobalt	8.45E+00	mg/kg	Avg	9.18E+00	UCL 95 or maximum value
138	1	SOU138-002A	Iron	4.08E+04	mg/kg	Grid Value	1.99E+04	UCL 95 or maximum value
138	1	SOU138-002A	Manganese	7.86E+02	mg/kg	Grid Value	6.55E+02	UCL 95 or maximum value
138	1	SOU138-002A	Mercury	1.00E+01	mg/kg	Grid Value	1.46E+01	UCL 95 or maximum value
138	1	SOU138-002A	Nickel	6.50E+01	mg/kg	Grid Value	7.71E+01	UCL 95 or maximum value
138	1	SOU138-002A	PCB, Total	1.41E+00	mg/kg	Avg	5.00E-01	UCL 95 or maximum value
138	1	SOU138-002A	Silver	1.00E+01	mg/kg	Grid Value	1.01E+01	UCL 95 or maximum value
138	1	SOU138-002A	Thallium	2.84E+00	mg/kg	Avg	6.20E-01	UCL 95 or maximum value
138	1	SOU138-002A	Total PAH	9.74E-02	mg/kg	Avg	9.74E-02	UCL 95 or maximum value
138	1	SOU138-002A	Vanadium	2.85E+01	mg/kg	Avg	2.99E+01	UCL 95 or maximum value
138	1	002B	Aluminum	1.04E+04	mg/kg	Avg	1.08E+04	value
138	1	002B	Antimony	3.04E+00	mg/kg	Avg	4.55E+00	value
138	1	002B	Arsenic	6.96E+00	mg/kg	Grid Value	1.08E+01	value
138	1	002B	Barium	1.71E+02	mg/kg	Avg	1.99E+02	value
138	1	002B	Beryllium	5.97E-01	mg/kg	Avg	6.28E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
138	1	002B	Cadmium	3.35E+00	mg/kg	Avg	4.87E+00	value
138	1	002B	Chromium	8.50E+01	mg/kg	Grid Value	5.65E+01	value
138	1	002B	Cobalt	8.45E+00	mg/kg	Avg	9.18E+00	value
138	1	002B	Iron	1.41E+04	mg/kg	Grid Value	1.99E+04	value
138	1	002B	Manganese	6.44E+02	mg/kg	Grid Value	6.55E+02	value
138	1	002B	Mercury	1.00E+01	mg/kg	Grid Value	1.46E+01	value
138	1	002B	Nickel	6.50E+01	mg/kg	Grid Value	7.71E+01	value
138	1	002B	PCB, Total	1.41E+00	mg/kg	Avg	5.00E-01	value
138	1	002B	Silver	1.00E+01	mg/kg	Grid Value	1.01E+01	value
138	1	002B	Thallium	2.84E+00	mg/kg	Avg	6.20E-01	value
138	1	002B	Total PAH	9.74E-02	mg/kg	Avg	9.74E-02	value
138	1	002B	Vanadium	2.85E+01	mg/kg	Avg	2.99E+01	value
138	1	002C	Aluminum	1.04E+04	mg/kg	Avg	1.08E+04	value
138	1	002C	Antimony	3.04E+00	mg/kg	Avg	4.55E+00	value
138	1	002C	Arsenic	1.07E+01	mg/kg	Grid Value	1.08E+01	value
138	1	002C	Barium	1.71E+02	mg/kg	Avg	1.99E+02	value
138	1	002C	Beryllium	5.97E-01	mg/kg	Avg	6.28E-01	value
138	1	002C	Cadmium	3.35E+00	mg/kg	Avg	4.87E+00	value
138	1	002C	Chromium	3.82E+01	mg/kg	Grid Value	5.65E+01	value
138	1	002C	Cobalt	8.45E+00	mg/kg	Avg	9.18E+00	value
138	1	002C	Iron	1.40E+04	mg/kg	Grid Value	1.99E+04	value
138	1	002C	Manganese	4.79E+02	mg/kg	Grid Value	6.55E+02	value
138	1	002C	Mercury	1.00E+01	mg/kg	Grid Value	1.46E+01	value
138	1	002C	Nickel	6.50E+01	mg/kg	Grid Value	7.71E+01	value
138	1	002C	PCB, Total	1.41E+00	mg/kg	Avg	5.00E-01	value
138	1	002C	Silver	1.00E+01	mg/kg	Grid Value	1.01E+01	value
138	1	002C	Thallium	2.84E+00	mg/kg	Avg	6.20E-01	value
138	1	002C	Total PAH	9.74E-02	mg/kg	Avg	9.74E-02	value
138	1	002C	Vanadium	2.85E+01	mg/kg	Avg	2.99E+01	value
138	1	SOU138-003	Aluminum	1.04E+04	mg/kg	Avg	1.08E+04	value
138	1	SOU138-003	Antimony	5.00E+00	mg/kg	Grid Value	4.55E+00	value
138	1	SOU138-003	Arsenic	1.22E+01	mg/kg	Grid Value	1.08E+01	value
138	1	SOU138-003	Barium	1.12E+02	mg/kg	Grid Value	1.99E+02	value
138	1	SOU138-003	Beryllium	5.97E-01	mg/kg	Avg	6.28E-01	value
138	1	SOU138-003	Cadmium	5.00E+00	mg/kg	Grid Value	4.87E+00	value
138	1	SOU138-003	Chromium	3.69E+01	mg/kg	Grid Value	5.65E+01	value
138	1	SOU138-003	Cobalt	8.45E+00	mg/kg	Avg	9.18E+00	value
138	1	SOU138-003	Iron	1.53E+04	mg/kg	Grid Value	1.99E+04	value
138	1	SOU138-003	Manganese	4.38E+02	mg/kg	Grid Value	6.55E+02	value
138	1	SOU138-003	Mercury	8.99E+00	mg/kg	Grid Value	1.46E+01	value
138	1	SOU138-003	Nickel	5.00E+00	mg/kg	Grid Value	7.71E+01	value
138	1	SOU138-003	PCB, Total	1.00E-01	mg/kg	Grid Value	5.00E-01	value
138	1	SOU138-003	Silver	5.00E+00	mg/kg	Grid Value	1.01E+01	value
138	1	SOU138-003	Thallium	5.00E+00	mg/kg	Grid Value	6.20E-01	value
138	1	SOU138-003	Total PAH	9.74E-02	mg/kg	Avg	9.74E-02	value
138	1	SOU138-003	Vanadium	2.85E+01	mg/kg	Avg	2.99E+01	value
138	1	SOU138-003A	Aluminum	1.04E+04	mg/kg	Avg	1.08E+04	UCL 95 or maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
138	1	SOU138-003A	Antimony	3.04E+00	mg/kg	Avg	4.55E+00	UCL 95 or maximum value
138	1	SOU138-003A	Arsenic	9.93E+00	mg/kg	Grid Value	1.08E+01	UCL 95 or maximum value
138	1	SOU138-003A	Barium	1.71E+02	mg/kg	Avg	1.99E+02	UCL 95 or maximum value
138	1	SOU138-003A	Beryllium	5.97E-01	mg/kg	Avg	6.28E-01	UCL 95 or maximum value
138	1	SOU138-003A	Cadmium	3.35E+00	mg/kg	Avg	4.87E+00	UCL 95 or maximum value
138	1	SOU138-003A	Chromium	5.06E+01	mg/kg	Grid Value	5.65E+01	UCL 95 or maximum value
138	1	SOU138-003A	Cobalt	8.45E+00	mg/kg	Avg	9.18E+00	UCL 95 or maximum value
138	1	SOU138-003A	Iron	3.09E+04	mg/kg	Grid Value	1.99E+04	UCL 95 or maximum value
138	1	SOU138-003A	Manganese	9.62E+02	mg/kg	Grid Value	6.55E+02	UCL 95 or maximum value
138	1	SOU138-003A	Mercury	1.00E+01	mg/kg	Grid Value	1.46E+01	UCL 95 or maximum value
138	1	SOU138-003A	Nickel	6.73E+01	mg/kg	Grid Value	7.71E+01	UCL 95 or maximum value
138	1	SOU138-003A	PCB, Total	1.41E+00	mg/kg	Avg	5.00E-01	UCL 95 or maximum value
138	1	SOU138-003A	Silver	1.00E+01	mg/kg	Grid Value	1.01E+01	UCL 95 or maximum value
138	1	SOU138-003A	Thallium	2.84E+00	mg/kg	Avg	6.20E-01	UCL 95 or maximum value
138	1	SOU138-003A	Total PAH	9.74E-02	mg/kg	Avg	9.74E-02	UCL 95 or maximum value
138	1	SOU138-003A	Vanadium	2.85E+01	mg/kg	Avg	2.99E+01	UCL 95 or maximum value
138	1	003B	Aluminum	1.04E+04	mg/kg	Avg	1.08E+04	value
138	1	003B	Antimony	3.04E+00	mg/kg	Avg	4.55E+00	value
138	1	003B	Arsenic	7.46E+00	mg/kg	Grid Value	1.08E+01	value
138	1	003B	Barium	1.71E+02	mg/kg	Avg	1.99E+02	value
138	1	003B	Beryllium	5.97E-01	mg/kg	Avg	6.28E-01	value
138	1	003B	Cadmium	3.35E+00	mg/kg	Avg	4.87E+00	value
138	1	003B	Chromium	4.45E+01	mg/kg	Grid Value	5.65E+01	value
138	1	003B	Cobalt	8.45E+00	mg/kg	Avg	9.18E+00	value
138	1	003B	Iron	1.53E+04	mg/kg	Grid Value	1.99E+04	value
138	1	003B	Manganese	4.75E+02	mg/kg	Grid Value	6.55E+02	value
138	1	003B	Mercury	1.00E+01	mg/kg	Grid Value	1.46E+01	value
138	1	003B	Nickel	6.50E+01	mg/kg	Grid Value	7.71E+01	value
138	1	003B	PCB, Total	1.41E+00	mg/kg	Avg	5.00E-01	value
138	1	003B	Silver	1.00E+01	mg/kg	Grid Value	1.01E+01	value
138	1	003B	Thallium	2.84E+00	mg/kg	Avg	6.20E-01	value
138	1	003B	Total PAH	9.74E-02	mg/kg	Avg	9.74E-02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
138	1	003B	Vanadium	2.85E+01	mg/kg	Avg	2.99E+01	value
138	1	003C	Aluminum	1.20E+04	mg/kg	Grid Value	1.08E+04	value
138	1	003C	Antimony	6.80E-01	mg/kg	Grid Value	4.55E+00	value
138	1	003C	Arsenic	1.26E+01	mg/kg	Grid Value	1.08E+01	value
138	1	003C	Barium	1.44E+02	mg/kg	Grid Value	1.99E+02	value
138	1	003C	Beryllium	5.70E-01	mg/kg	Grid Value	6.28E-01	value
138	1	003C	Cadmium	6.80E-02	mg/kg	Grid Value	4.87E+00	value
138	1	003C	Chromium	4.58E+01	mg/kg	Grid Value	5.65E+01	value
138	1	003C	Cobalt	8.80E+00	mg/kg	Grid Value	9.18E+00	value
138	1	003C	Iron	2.02E+04	mg/kg	Grid Value	1.99E+04	value
138	1	003C	Manganese	6.83E+02	mg/kg	Grid Value	6.55E+02	value
138	1	003C	Mercury	5.93E-02	mg/kg	Grid Value	1.46E+01	value
138	1	003C	Nickel	7.07E+01	mg/kg	Grid Value	7.71E+01	value
138	1	003C	PCB, Total	1.41E+00	mg/kg	Avg	5.00E-01	value
138	1	003C	Silver	3.40E-02	mg/kg	Grid Value	1.01E+01	value
138	1	003C	Thallium	2.80E-01	mg/kg	Grid Value	6.20E-01	value
138	1	003C	Total PAH	9.74E-02	mg/kg	Avg	9.74E-02	value
138	1	003C	Vanadium	3.21E+01	mg/kg	Grid Value	2.99E+01	value
138	1	SOU138-004	Aluminum	1.04E+04	mg/kg	Avg	1.08E+04	value
138	1	SOU138-004	Antimony	7.34E+00	mg/kg	Grid Value	4.55E+00	value
138	1	SOU138-004	Arsenic	6.55E+00	mg/kg	Grid Value	1.08E+01	value
138	1	SOU138-004	Barium	1.17E+02	mg/kg	Grid Value	1.99E+02	value
138	1	SOU138-004	Beryllium	5.97E-01	mg/kg	Avg	6.28E-01	value
138	1	SOU138-004	Cadmium	5.00E+00	mg/kg	Grid Value	4.87E+00	value
138	1	SOU138-004	Chromium	3.89E+01	mg/kg	Grid Value	5.65E+01	value
138	1	SOU138-004	Cobalt	8.45E+00	mg/kg	Avg	9.18E+00	value
138	1	SOU138-004	Iron	1.38E+04	mg/kg	Grid Value	1.99E+04	value
138	1	SOU138-004	Manganese	3.85E+02	mg/kg	Grid Value	6.55E+02	value
138	1	SOU138-004	Mercury	1.15E+01	mg/kg	Grid Value	1.46E+01	value
138	1	SOU138-004	Nickel	9.07E+00	mg/kg	Grid Value	7.71E+01	value
138	1	SOU138-004	PCB, Total	5.00E-01	mg/kg	Grid Value	5.00E-01	value
138	1	SOU138-004	Silver	5.00E+00	mg/kg	Grid Value	1.01E+01	value
138	1	SOU138-004	Thallium	5.00E+00	mg/kg	Grid Value	6.20E-01	value
138	1	SOU138-004	Total PAH	9.74E-02	mg/kg	Avg	9.74E-02	value
138	1	SOU138-004	Vanadium	2.85E+01	mg/kg	Avg	2.99E+01	value
138	1	SOU138-005	Aluminum	1.04E+04	mg/kg	Avg	1.08E+04	value
138	1	SOU138-005	Antimony	5.00E+00	mg/kg	Grid Value	4.55E+00	value
138	1	SOU138-005	Arsenic	1.05E+01	mg/kg	Grid Value	1.08E+01	value
138	1	SOU138-005	Barium	6.59E+01	mg/kg	Grid Value	1.99E+02	value
138	1	SOU138-005	Beryllium	5.97E-01	mg/kg	Avg	6.28E-01	value
138	1	SOU138-005	Cadmium	5.00E+00	mg/kg	Grid Value	4.87E+00	value
138	1	SOU138-005	Chromium	5.00E+00	mg/kg	Grid Value	5.65E+01	value
138	1	SOU138-005	Cobalt	8.45E+00	mg/kg	Avg	9.18E+00	value
138	1	SOU138-005	Iron	1.47E+04	mg/kg	Grid Value	1.99E+04	value
138	1	SOU138-005	Manganese	3.84E+02	mg/kg	Grid Value	6.55E+02	value
138	1	SOU138-005	Mercury	8.07E+00	mg/kg	Grid Value	1.46E+01	value
138	1	SOU138-005	Nickel	5.00E+00	mg/kg	Grid Value	7.71E+01	value
138	1	SOU138-005	PCB, Total	4.00E-01	mg/kg	Grid Value	5.00E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
138	1	SOU138-005	Silver	1.01E+01	mg/kg	Grid Value	1.01E+01	value
138	1	SOU138-005	Thallium	5.00E+00	mg/kg	Grid Value	6.20E-01	value
138	1	SOU138-005	Total PAH	9.74E-02	mg/kg	Avg	9.74E-02	value
138	1	SOU138-005	Vanadium	2.85E+01	mg/kg	Avg	2.99E+01	value
138	1	SOU138-006	Aluminum	1.09E+04	mg/kg	Grid Value	1.08E+04	value
138	1	SOU138-006	Antimony	1.80E-01	mg/kg	Grid Value	4.55E+00	value
138	1	SOU138-006	Arsenic	6.09E+00	mg/kg	Grid Value	1.08E+01	value
138	1	SOU138-006	Barium	2.98E+02	mg/kg	Grid Value	1.99E+02	value
138	1	SOU138-006	Beryllium	3.20E-01	mg/kg	Grid Value	6.28E-01	value
138	1	SOU138-006	Cadmium	5.27E+00	mg/kg	Grid Value	4.87E+00	value
138	1	SOU138-006	Chromium	5.04E+01	mg/kg	Grid Value	5.65E+01	value
138	1	SOU138-006	Cobalt	2.70E+00	mg/kg	Grid Value	9.18E+00	value
138	1	SOU138-006	Iron	1.89E+04	mg/kg	Grid Value	1.99E+04	value
138	1	SOU138-006	Manganese	5.92E+02	mg/kg	Grid Value	6.55E+02	value
138	1	SOU138-006	Mercury	2.69E+00	mg/kg	Grid Value	1.46E+01	value
138	1	SOU138-006	Nickel	8.51E+01	mg/kg	Grid Value	7.71E+01	value
138	1	SOU138-006	PCB, Total	1.00E-01	mg/kg	Grid Value	5.00E-01	value
138	1	SOU138-006	Silver	2.40E-02	mg/kg	Grid Value	1.01E+01	value
138	1	SOU138-006	Thallium	6.20E-01	mg/kg	Grid Value	6.20E-01	value
138	1	SOU138-006	Total PAH	9.74E-02	mg/kg	Avg	9.74E-02	value
138	1	SOU138-006	Vanadium	1.53E+01	mg/kg	Grid Value	2.99E+01	value
138	1	SOU138-007	Aluminum	1.04E+04	mg/kg	Avg	1.08E+04	value
138	1	SOU138-007	Antimony	5.00E+00	mg/kg	Grid Value	4.55E+00	value
138	1	SOU138-007	Arsenic	7.57E+00	mg/kg	Grid Value	1.08E+01	value
138	1	SOU138-007	Barium	1.22E+02	mg/kg	Grid Value	1.99E+02	value
138	1	SOU138-007	Beryllium	5.97E-01	mg/kg	Avg	6.28E-01	value
138	1	SOU138-007	Cadmium	5.00E+00	mg/kg	Grid Value	4.87E+00	value
138	1	SOU138-007	Chromium	4.25E+01	mg/kg	Grid Value	5.65E+01	value
138	1	SOU138-007	Cobalt	8.45E+00	mg/kg	Avg	9.18E+00	value
138	1	SOU138-007	Iron	1.42E+04	mg/kg	Grid Value	1.99E+04	value
138	1	SOU138-007	Manganese	3.91E+02	mg/kg	Grid Value	6.55E+02	value
138	1	SOU138-007	Mercury	5.69E+00	mg/kg	Grid Value	1.46E+01	value
138	1	SOU138-007	Nickel	1.13E+01	mg/kg	Grid Value	7.71E+01	value
138	1	SOU138-007	PCB, Total	1.00E-01	mg/kg	Grid Value	5.00E-01	value
138	1	SOU138-007	Silver	9.57E+00	mg/kg	Grid Value	1.01E+01	value
138	1	SOU138-007	Thallium	5.00E+00	mg/kg	Grid Value	6.20E-01	value
138	1	SOU138-007	Total PAH	9.74E-02	mg/kg	Avg	9.74E-02	value
138	1	SOU138-007	Vanadium	2.85E+01	mg/kg	Avg	2.99E+01	value
138	1	SOU138-008	Aluminum	1.04E+04	mg/kg	Avg	1.08E+04	value
138	1	SOU138-008	Antimony	3.04E+00	mg/kg	Avg	4.55E+00	value
138	1	SOU138-008	Arsenic	1.10E+01	mg/kg	Grid Value	1.08E+01	value
138	1	SOU138-008	Barium	1.71E+02	mg/kg	Avg	1.99E+02	value
138	1	SOU138-008	Beryllium	5.97E-01	mg/kg	Avg	6.28E-01	value
138	1	SOU138-008	Cadmium	3.35E+00	mg/kg	Avg	4.87E+00	value
138	1	SOU138-008	Chromium	8.50E+01	mg/kg	Grid Value	5.65E+01	value
138	1	SOU138-008	Cobalt	8.45E+00	mg/kg	Avg	9.18E+00	value
138	1	SOU138-008	Iron	1.46E+04	mg/kg	Grid Value	1.99E+04	value
138	1	SOU138-008	Manganese	3.29E+02	mg/kg	Grid Value	6.55E+02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
138	1	SOU138-008	Mercury	1.00E+01	mg/kg	Grid Value	1.46E+01	value
138	1	SOU138-008	Nickel	1.01E+02	mg/kg	Grid Value	7.71E+01	value
138	1	SOU138-008	PCB, Total	5.00E+00	mg/kg	Grid Value	5.00E-01	value
138	1	SOU138-008	Silver	1.00E+01	mg/kg	Grid Value	1.01E+01	value
138	1	SOU138-008	Thallium	2.84E+00	mg/kg	Avg	6.20E-01	value
138	1	SOU138-008	Total PAH	9.74E-02	mg/kg	Avg	9.74E-02	value
138	1	SOU138-008	Vanadium	2.85E+01	mg/kg	Avg	2.99E+01	value
138	1	SOU138-008A	Aluminum	1.04E+04	mg/kg	Avg	1.08E+04	UCL 95 or maximum value
138	1	SOU138-008A	Antimony	3.04E+00	mg/kg	Avg	4.55E+00	UCL 95 or maximum value
138	1	SOU138-008A	Arsenic	6.05E+00	mg/kg	Grid Value	1.08E+01	UCL 95 or maximum value
138	1	SOU138-008A	Barium	1.71E+02	mg/kg	Avg	1.99E+02	UCL 95 or maximum value
138	1	SOU138-008A	Beryllium	5.97E-01	mg/kg	Avg	6.28E-01	UCL 95 or maximum value
138	1	SOU138-008A	Cadmium	3.35E+00	mg/kg	Avg	4.87E+00	UCL 95 or maximum value
138	1	SOU138-008A	Chromium	5.31E+01	mg/kg	Grid Value	5.65E+01	UCL 95 or maximum value
138	1	SOU138-008A	Cobalt	8.45E+00	mg/kg	Avg	9.18E+00	UCL 95 or maximum value
138	1	SOU138-008A	Iron	2.05E+04	mg/kg	Grid Value	1.99E+04	UCL 95 or maximum value
138	1	SOU138-008A	Manganese	1.04E+03	mg/kg	Grid Value	6.55E+02	UCL 95 or maximum value
138	1	SOU138-008A	Mercury	1.00E+01	mg/kg	Grid Value	1.46E+01	UCL 95 or maximum value
138	1	SOU138-008A	Nickel	6.50E+01	mg/kg	Grid Value	7.71E+01	UCL 95 or maximum value
138	1	SOU138-008A	PCB, Total	1.41E+00	mg/kg	Avg	5.00E-01	UCL 95 or maximum value
138	1	SOU138-008A	Silver	1.00E+01	mg/kg	Grid Value	1.01E+01	UCL 95 or maximum value
138	1	SOU138-008A	Thallium	2.84E+00	mg/kg	Avg	6.20E-01	UCL 95 or maximum value
138	1	SOU138-008A	Total PAH	9.74E-02	mg/kg	Avg	9.74E-02	UCL 95 or maximum value
138	1	SOU138-008A	Vanadium	2.85E+01	mg/kg	Avg	2.99E+01	UCL 95 or maximum value
138	1	008B	Aluminum	1.04E+04	mg/kg	Avg	1.08E+04	value
138	1	008B	Antimony	3.04E+00	mg/kg	Avg	4.55E+00	value
138	1	008B	Arsenic	1.18E+01	mg/kg	Grid Value	1.08E+01	value
138	1	008B	Barium	1.71E+02	mg/kg	Avg	1.99E+02	value
138	1	008B	Beryllium	5.97E-01	mg/kg	Avg	6.28E-01	value
138	1	008B	Cadmium	3.35E+00	mg/kg	Avg	4.87E+00	value
138	1	008B	Chromium	3.98E+01	mg/kg	Grid Value	5.65E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
138	1	008B	Cobalt	8.45E+00	mg/kg	Avg	9.18E+00	value
138	1	008B	Iron	1.33E+04	mg/kg	Grid Value	1.99E+04	value
138	1	008B	Manganese	3.56E+02	mg/kg	Grid Value	6.55E+02	value
138	1	008B	Mercury	1.00E+01	mg/kg	Grid Value	1.46E+01	value
138	1	008B	Nickel	1.02E+02	mg/kg	Grid Value	7.71E+01	value
138	1	008B	PCB, Total	1.41E+00	mg/kg	Avg	5.00E-01	value
138	1	008B	Silver	1.00E+01	mg/kg	Grid Value	1.01E+01	value
138	1	008B	Thallium	2.84E+00	mg/kg	Avg	6.20E-01	value
138	1	008B	Total PAH	9.74E-02	mg/kg	Avg	9.74E-02	value
138	1	008B	Vanadium	2.85E+01	mg/kg	Avg	2.99E+01	value
138	1	008C	Aluminum	1.04E+04	mg/kg	Avg	1.08E+04	value
138	1	008C	Antimony	3.04E+00	mg/kg	Avg	4.55E+00	value
138	1	008C	Arsenic	8.50E+00	mg/kg	Grid Value	1.08E+01	value
138	1	008C	Barium	1.71E+02	mg/kg	Avg	1.99E+02	value
138	1	008C	Beryllium	5.97E-01	mg/kg	Avg	6.28E-01	value
138	1	008C	Cadmium	3.35E+00	mg/kg	Avg	4.87E+00	value
138	1	008C	Chromium	8.50E+01	mg/kg	Grid Value	5.65E+01	value
138	1	008C	Cobalt	8.45E+00	mg/kg	Avg	9.18E+00	value
138	1	008C	Iron	1.43E+04	mg/kg	Grid Value	1.99E+04	value
138	1	008C	Manganese	3.42E+02	mg/kg	Grid Value	6.55E+02	value
138	1	008C	Mercury	1.00E+01	mg/kg	Grid Value	1.46E+01	value
138	1	008C	Nickel	6.50E+01	mg/kg	Grid Value	7.71E+01	value
138	1	008C	PCB, Total	1.41E+00	mg/kg	Avg	5.00E-01	value
138	1	008C	Silver	1.00E+01	mg/kg	Grid Value	1.01E+01	value
138	1	008C	Thallium	2.84E+00	mg/kg	Avg	6.20E-01	value
138	1	008C	Total PAH	9.74E-02	mg/kg	Avg	9.74E-02	value
138	1	008C	Vanadium	2.85E+01	mg/kg	Avg	2.99E+01	value
138	1	008D	Aluminum	1.04E+04	mg/kg	Avg	1.08E+04	value
138	1	008D	Antimony	3.04E+00	mg/kg	Avg	4.55E+00	value
138	1	008D	Arsenic	1.10E+01	mg/kg	Grid Value	1.08E+01	value
138	1	008D	Barium	1.71E+02	mg/kg	Avg	1.99E+02	value
138	1	008D	Beryllium	5.97E-01	mg/kg	Avg	6.28E-01	value
138	1	008D	Cadmium	3.35E+00	mg/kg	Avg	4.87E+00	value
138	1	008D	Chromium	8.50E+01	mg/kg	Grid Value	5.65E+01	value
138	1	008D	Cobalt	8.45E+00	mg/kg	Avg	9.18E+00	value
138	1	008D	Iron	1.48E+04	mg/kg	Grid Value	1.99E+04	value
138	1	008D	Manganese	5.11E+02	mg/kg	Grid Value	6.55E+02	value
138	1	008D	Mercury	1.00E+01	mg/kg	Grid Value	1.46E+01	value
138	1	008D	Nickel	6.87E+01	mg/kg	Grid Value	7.71E+01	value
138	1	008D	PCB, Total	1.41E+00	mg/kg	Avg	5.00E-01	value
138	1	008D	Silver	1.00E+01	mg/kg	Grid Value	1.01E+01	value
138	1	008D	Thallium	2.84E+00	mg/kg	Avg	6.20E-01	value
138	1	008D	Total PAH	9.74E-02	mg/kg	Avg	9.74E-02	value
138	1	008D	Vanadium	2.85E+01	mg/kg	Avg	2.99E+01	value
138	1	008E	Aluminum	1.04E+04	mg/kg	Avg	1.08E+04	value
138	1	008E	Antimony	3.04E+00	mg/kg	Avg	4.55E+00	value
138	1	008E	Arsenic	7.32E+00	mg/kg	Grid Value	1.08E+01	value
138	1	008E	Barium	1.71E+02	mg/kg	Avg	1.99E+02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
138	1	008E	Beryllium	5.97E-01	mg/kg	Avg	6.28E-01	value
138	1	008E	Cadmium	3.35E+00	mg/kg	Avg	4.87E+00	value
138	1	008E	Chromium	5.20E+01	mg/kg	Grid Value	5.65E+01	value
138	1	008E	Cobalt	8.45E+00	mg/kg	Avg	9.18E+00	value
138	1	008E	Iron	2.11E+04	mg/kg	Grid Value	1.99E+04	value
138	1	008E	Manganese	4.93E+02	mg/kg	Grid Value	6.55E+02	value
138	1	008E	Mercury	1.00E+01	mg/kg	Grid Value	1.46E+01	value
138	1	008E	Nickel	6.50E+01	mg/kg	Grid Value	7.71E+01	value
138	1	008E	PCB, Total	1.41E+00	mg/kg	Avg	5.00E-01	value
138	1	008E	Silver	1.00E+01	mg/kg	Grid Value	1.01E+01	value
138	1	008E	Thallium	2.84E+00	mg/kg	Avg	6.20E-01	value
138	1	008E	Total PAH	9.74E-02	mg/kg	Avg	9.74E-02	value
138	1	008E	Vanadium	2.85E+01	mg/kg	Avg	2.99E+01	value
138	1	008F	Aluminum	1.09E+04	mg/kg	Grid Value	1.08E+04	value
138	1	008F	Antimony	3.80E-01	mg/kg	Grid Value	4.55E+00	value
138	1	008F	Arsenic	1.49E+01	mg/kg	Grid Value	1.08E+01	value
138	1	008F	Barium	2.19E+02	mg/kg	Grid Value	1.99E+02	value
138	1	008F	Beryllium	8.50E-01	mg/kg	Grid Value	6.28E-01	value
138	1	008F	Cadmium	2.40E-01	mg/kg	Grid Value	4.87E+00	value
138	1	008F	Chromium	4.17E+01	mg/kg	Grid Value	5.65E+01	value
138	1	008F	Cobalt	1.76E+01	mg/kg	Grid Value	9.18E+00	value
138	1	008F	Iron	2.33E+04	mg/kg	Grid Value	1.99E+04	value
138	1	008F	Manganese	1.23E+03	mg/kg	Grid Value	6.55E+02	value
138	1	008F	Mercury	2.99E-02	mg/kg	Grid Value	1.46E+01	value
138	1	008F	Nickel	6.96E+01	mg/kg	Grid Value	7.71E+01	value
138	1	008F	PCB, Total	1.41E+00	mg/kg	Avg	5.00E-01	value
138	1	008F	Silver	4.60E-02	mg/kg	Grid Value	1.01E+01	value
138	1	008F	Thallium	2.00E-01	mg/kg	Grid Value	6.20E-01	value
138	1	008F	Total PAH	9.74E-02	mg/kg	Avg	9.74E-02	value
138	1	008F	Vanadium	3.00E+01	mg/kg	Grid Value	2.99E+01	value
138	1	SOU138-009	Aluminum	1.04E+04	mg/kg	Avg	1.08E+04	value
138	1	SOU138-009	Antimony	5.00E+00	mg/kg	Grid Value	4.55E+00	value
138	1	SOU138-009	Arsenic	5.80E+00	mg/kg	Grid Value	1.08E+01	value
138	1	SOU138-009	Barium	9.75E+01	mg/kg	Grid Value	1.99E+02	value
138	1	SOU138-009	Beryllium	5.97E-01	mg/kg	Avg	6.28E-01	value
138	1	SOU138-009	Cadmium	5.00E+00	mg/kg	Grid Value	4.87E+00	value
138	1	SOU138-009	Chromium	4.61E+01	mg/kg	Grid Value	5.65E+01	value
138	1	SOU138-009	Cobalt	8.45E+00	mg/kg	Avg	9.18E+00	value
138	1	SOU138-009	Iron	1.52E+04	mg/kg	Grid Value	1.99E+04	value
138	1	SOU138-009	Manganese	2.94E+02	mg/kg	Grid Value	6.55E+02	value
138	1	SOU138-009	Mercury	2.13E+01	mg/kg	Grid Value	1.46E+01	value
138	1	SOU138-009	Nickel	1.14E+01	mg/kg	Grid Value	7.71E+01	value
138	1	SOU138-009	PCB, Total	1.00E-01	mg/kg	Grid Value	5.00E-01	value
138	1	SOU138-009	Silver	5.00E+00	mg/kg	Grid Value	1.01E+01	value
138	1	SOU138-009	Thallium	5.00E+00	mg/kg	Grid Value	6.20E-01	value
138	1	SOU138-009	Total PAH	9.74E-02	mg/kg	Avg	9.74E-02	value
138	1	SOU138-009	Vanadium	2.85E+01	mg/kg	Avg	2.99E+01	value
138	1	SOU138-010	Aluminum	1.04E+04	mg/kg	Avg	1.08E+04	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
138	1	SOU138-010	Antimony	5.00E+00	mg/kg	Grid Value	4.55E+00	value
138	1	SOU138-010	Arsenic	1.55E+01	mg/kg	Grid Value	1.08E+01	value
138	1	SOU138-010	Barium	1.28E+02	mg/kg	Grid Value	1.99E+02	value
138	1	SOU138-010	Beryllium	5.97E-01	mg/kg	Avg	6.28E-01	value
138	1	SOU138-010	Cadmium	7.30E+00	mg/kg	Grid Value	4.87E+00	value
138	1	SOU138-010	Chromium	2.59E+01	mg/kg	Grid Value	5.65E+01	value
138	1	SOU138-010	Cobalt	8.45E+00	mg/kg	Avg	9.18E+00	value
138	1	SOU138-010	Iron	1.63E+04	mg/kg	Grid Value	1.99E+04	value
138	1	SOU138-010	Manganese	6.45E+02	mg/kg	Grid Value	6.55E+02	value
138	1	SOU138-010	Mercury	4.38E+00	mg/kg	Grid Value	1.46E+01	value
138	1	SOU138-010	Nickel	1.82E+01	mg/kg	Grid Value	7.71E+01	value
138	1	SOU138-010	PCB, Total	4.00E-01	mg/kg	Grid Value	5.00E-01	value
138	1	SOU138-010	Silver	5.00E+00	mg/kg	Grid Value	1.01E+01	value
138	1	SOU138-010	Thallium	5.00E+00	mg/kg	Grid Value	6.20E-01	value
138	1	SOU138-010	Total PAH	9.74E-02	mg/kg	Avg	9.74E-02	value
138	1	SOU138-010	Vanadium	2.85E+01	mg/kg	Avg	2.99E+01	value
138	1	SOU138-011	Aluminum	1.04E+04	mg/kg	Avg	1.08E+04	value
138	1	SOU138-011	Antimony	5.00E+00	mg/kg	Grid Value	4.55E+00	value
138	1	SOU138-011	Arsenic	1.10E+01	mg/kg	Grid Value	1.08E+01	value
138	1	SOU138-011	Barium	1.24E+02	mg/kg	Grid Value	1.99E+02	value
138	1	SOU138-011	Beryllium	5.97E-01	mg/kg	Avg	6.28E-01	value
138	1	SOU138-011	Cadmium	5.00E+00	mg/kg	Grid Value	4.87E+00	value
138	1	SOU138-011	Chromium	3.28E+01	mg/kg	Grid Value	5.65E+01	value
138	1	SOU138-011	Cobalt	8.45E+00	mg/kg	Avg	9.18E+00	value
138	1	SOU138-011	Iron	1.61E+04	mg/kg	Grid Value	1.99E+04	value
138	1	SOU138-011	Manganese	8.92E+02	mg/kg	Grid Value	6.55E+02	value
138	1	SOU138-011	Mercury	2.16E+00	mg/kg	Grid Value	1.46E+01	value
138	1	SOU138-011	Nickel	1.48E+01	mg/kg	Grid Value	7.71E+01	value
138	1	SOU138-011	PCB, Total	1.00E-01	mg/kg	Grid Value	5.00E-01	value
138	1	SOU138-011	Silver	5.00E+00	mg/kg	Grid Value	1.01E+01	value
138	1	SOU138-011	Thallium	5.00E+00	mg/kg	Grid Value	6.20E-01	value
138	1	SOU138-011	Total PAH	9.74E-02	mg/kg	Avg	9.74E-02	value
138	1	SOU138-011	Vanadium	2.85E+01	mg/kg	Avg	2.99E+01	value
138	1	SOU138-012	Aluminum	6.73E+03	mg/kg	Grid Value	1.08E+04	value
138	1	SOU138-012	Antimony	3.40E-01	mg/kg	Grid Value	4.55E+00	value
138	1	SOU138-012	Arsenic	8.79E+00	mg/kg	Grid Value	1.08E+01	value
138	1	SOU138-012	Barium	1.74E+02	mg/kg	Grid Value	1.99E+02	value
138	1	SOU138-012	Beryllium	4.40E-01	mg/kg	Grid Value	6.28E-01	value
138	1	SOU138-012	Cadmium	5.30E-01	mg/kg	Grid Value	4.87E+00	value
138	1	SOU138-012	Chromium	4.46E+01	mg/kg	Grid Value	5.65E+01	value
138	1	SOU138-012	Cobalt	9.40E+00	mg/kg	Grid Value	9.18E+00	value
138	1	SOU138-012	Iron	2.35E+04	mg/kg	Grid Value	1.99E+04	value
138	1	SOU138-012	Manganese	6.26E+02	mg/kg	Grid Value	6.55E+02	value
138	1	SOU138-012	Mercury	1.92E+01	mg/kg	Grid Value	1.46E+01	value
138	1	SOU138-012	Nickel	1.28E+01	mg/kg	Grid Value	7.71E+01	value
138	1	SOU138-012	PCB, Total	1.00E-01	mg/kg	Grid Value	5.00E-01	value
138	1	SOU138-012	Silver	2.10E-01	mg/kg	Grid Value	1.01E+01	value
138	1	SOU138-012	Thallium	4.70E-01	mg/kg	Grid Value	6.20E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
138	1	SOU138-012	Total PAH	9.74E-02	mg/kg	Grid Value	9.74E-02	value
138	1	SOU138-012	Vanadium	2.17E+01	mg/kg	Grid Value	2.99E+01	value
138	2	SOU138-013	Arsenic	2.90E+00	mg/kg	Grid Value	1.03E+01	value
138	2	SOU138-013	Cadmium	1.90E-02	mg/kg	Grid Value	5.00E-01	value
138	2	SOU138-013	Chromium	6.48E+01	mg/kg	Grid Value	6.28E+01	value
138	2	SOU138-013	Mercury	9.40E-03	mg/kg	Grid Value	8.30E+00	value
138	2	SOU138-013	Nickel	1.23E+01	mg/kg	Grid Value	9.60E+01	value
138	2	SOU138-013	PCB, Total	5.00E+00	mg/kg	Grid Value	9.20E-02	value
138	2	SOU138-013	Silver	4.20E-02	mg/kg	Grid Value	1.53E+01	value
138	2	SOU138-013	Thallium	4.00E-01	mg/kg	Grid Value	2.90E-01	value
138	2	SOU138-013	Total PAH	1.27E+00	mg/kg	Avg	3.84E-02	value
138	2	SOU138-014	Arsenic	1.10E+01	mg/kg	Grid Value	1.03E+01	value
138	2	SOU138-014	Cadmium	3.35E-01	mg/kg	Avg	5.00E-01	value
138	2	SOU138-014	Chromium	4.72E+01	mg/kg	Grid Value	6.28E+01	value
138	2	SOU138-014	Mercury	1.00E+01	mg/kg	Grid Value	8.30E+00	value
138	2	SOU138-014	Nickel	6.50E+01	mg/kg	Grid Value	9.60E+01	value
138	2	SOU138-014	PCB, Total	5.00E+00	mg/kg	Grid Value	9.20E-02	value
138	2	SOU138-014	Silver	1.00E+01	mg/kg	Grid Value	1.53E+01	value
138	2	SOU138-014	Thallium	2.66E-01	mg/kg	Avg	2.90E-01	value
138	2	SOU138-014	Total PAH	1.27E+00	mg/kg	Avg	3.84E-02	value
138	2	SOU138-015	Arsenic	1.10E+01	mg/kg	Grid Value	1.03E+01	value
138	2	SOU138-015	Cadmium	3.35E-01	mg/kg	Avg	5.00E-01	value
138	2	SOU138-015	Chromium	3.77E+01	mg/kg	Grid Value	6.28E+01	value
138	2	SOU138-015	Mercury	1.00E+01	mg/kg	Grid Value	8.30E+00	value
138	2	SOU138-015	Nickel	5.71E+01	mg/kg	Grid Value	9.60E+01	value
138	2	SOU138-015	PCB, Total	5.00E+00	mg/kg	Grid Value	9.20E-02	value
138	2	SOU138-015	Silver	1.00E+01	mg/kg	Grid Value	1.53E+01	value
138	2	SOU138-015	Thallium	2.66E-01	mg/kg	Avg	2.90E-01	value
138	2	SOU138-015	Total PAH	1.27E+00	mg/kg	Avg	3.84E-02	value
138	2	SOU138-016	Arsenic	8.41E+00	mg/kg	Grid Value	1.03E+01	value
138	2	SOU138-016	Cadmium	3.35E-01	mg/kg	Avg	5.00E-01	value
138	2	SOU138-016	Chromium	8.50E+01	mg/kg	Grid Value	6.28E+01	value
138	2	SOU138-016	Mercury	1.00E+01	mg/kg	Grid Value	8.30E+00	value
138	2	SOU138-016	Nickel	1.13E+02	mg/kg	Grid Value	9.60E+01	value
138	2	SOU138-016	PCB, Total	5.00E+00	mg/kg	Grid Value	9.20E-02	value
138	2	SOU138-016	Silver	1.00E+01	mg/kg	Grid Value	1.53E+01	value
138	2	SOU138-016	Thallium	2.66E-01	mg/kg	Avg	2.90E-01	value
138	2	SOU138-016	Total PAH	1.27E+00	mg/kg	Avg	3.84E-02	value
138	2	016B	Arsenic	1.10E+01	mg/kg	Grid Value	1.03E+01	value
138	2	016B	Cadmium	3.35E-01	mg/kg	Avg	5.00E-01	value
138	2	016B	Chromium	4.83E+01	mg/kg	Grid Value	6.28E+01	value
138	2	016B	Mercury	1.00E+01	mg/kg	Grid Value	8.30E+00	value
138	2	016B	Nickel	6.50E+01	mg/kg	Grid Value	9.60E+01	value
138	2	016B	PCB, Total	3.97E+00	mg/kg	Avg	9.20E-02	value
138	2	016B	Silver	1.00E+01	mg/kg	Grid Value	1.53E+01	value
138	2	016B	Thallium	2.66E-01	mg/kg	Avg	2.90E-01	value
138	2	016B	Total PAH	2.50E+00	mg/kg	Grid Value	3.84E-02	value
138	2	SOU138-017	Arsenic	1.10E+01	mg/kg	Grid Value	1.03E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
138	2	SOU138-017	Cadmium	4.20E-01	mg/kg	Grid Value	5.00E-01	value
138	2	SOU138-017	Chromium	1.29E+01	mg/kg	Grid Value	6.28E+01	value
138	2	SOU138-017	Mercury	1.11E-01	mg/kg	Grid Value	8.30E+00	value
138	2	SOU138-017	Nickel	7.81E+01	mg/kg	Grid Value	9.60E+01	value
138	2	SOU138-017	PCB, Total	3.70E-01	mg/kg	Grid Value	9.20E-02	value
138	2	SOU138-017	Silver	1.11E+01	mg/kg	Grid Value	1.53E+01	value
138	2	SOU138-017	Thallium	4.10E-01	mg/kg	Grid Value	2.90E-01	value
138	2	SOU138-017	Total PAH	3.84E-02	mg/kg	Grid Value	3.84E-02	value
138	2	SOU138-017A	Arsenic	1.10E+01	mg/kg	Grid Value	1.03E+01	UCL 95 or maximum value
138	2	SOU138-017A	Cadmium	3.35E-01	mg/kg	Avg	5.00E-01	UCL 95 or maximum value
138	2	SOU138-017A	Chromium	3.98E+01	mg/kg	Grid Value	6.28E+01	UCL 95 or maximum value
138	2	SOU138-017A	Mercury	1.00E+01	mg/kg	Grid Value	8.30E+00	UCL 95 or maximum value
138	2	SOU138-017A	Nickel	6.50E+01	mg/kg	Grid Value	9.60E+01	UCL 95 or maximum value
138	2	SOU138-017A	PCB, Total	9.20E-02	mg/kg	Grid Value	9.20E-02	UCL 95 or maximum value
138	2	SOU138-017A	Silver	1.00E+01	mg/kg	Grid Value	1.53E+01	UCL 95 or maximum value
138	2	SOU138-017A	Thallium	2.66E-01	mg/kg	Avg	2.90E-01	UCL 95 or maximum value
138	2	SOU138-017A	Total PAH	1.27E+00	mg/kg	Avg	3.84E-02	UCL 95 or maximum value
138	2	SOU138-018	Arsenic	6.45E+00	mg/kg	Grid Value	1.03E+01	value
138	2	SOU138-018	Cadmium	3.35E-01	mg/kg	Avg	5.00E-01	value
138	2	SOU138-018	Chromium	5.35E+01	mg/kg	Grid Value	6.28E+01	value
138	2	SOU138-018	Mercury	1.00E+01	mg/kg	Grid Value	8.30E+00	value
138	2	SOU138-018	Nickel	6.50E+01	mg/kg	Grid Value	9.60E+01	value
138	2	SOU138-018	PCB, Total	5.00E+00	mg/kg	Grid Value	9.20E-02	value
138	2	SOU138-018	Silver	1.00E+01	mg/kg	Grid Value	1.53E+01	value
138	2	SOU138-018	Thallium	2.66E-01	mg/kg	Avg	2.90E-01	value
138	2	SOU138-018	Total PAH	1.27E+00	mg/kg	Avg	3.84E-02	value
138	2	SOU138-018A	Arsenic	1.10E+01	mg/kg	Grid Value	1.03E+01	UCL 95 or maximum value
138	2	SOU138-018A	Cadmium	3.35E-01	mg/kg	Avg	5.00E-01	UCL 95 or maximum value
138	2	SOU138-018A	Chromium	4.21E+01	mg/kg	Grid Value	6.28E+01	UCL 95 or maximum value
138	2	SOU138-018A	Mercury	1.00E+01	mg/kg	Grid Value	8.30E+00	UCL 95 or maximum value
138	2	SOU138-018A	Nickel	6.50E+01	mg/kg	Grid Value	9.60E+01	UCL 95 or maximum value
138	2	SOU138-018A	PCB, Total	3.97E+00	mg/kg	Avg	9.20E-02	UCL 95 or maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
138	2	SOU138-018A	Silver	1.00E+01	mg/kg	Grid Value	1.53E+01	UCL 95 or maximum value
138	2	SOU138-018A	Thallium	2.66E-01	mg/kg	Avg	2.90E-01	UCL 95 or maximum value
138	2	SOU138-018A	Total PAH	1.27E+00	mg/kg	Avg	3.84E-02	UCL 95 or maximum value
138	2	018B	Arsenic	6.06E+00	mg/kg	Grid Value	1.03E+01	value
138	2	018B	Cadmium	5.70E-02	mg/kg	Grid Value	5.00E-01	value
138	2	018B	Chromium	5.24E+01	mg/kg	Grid Value	6.28E+01	value
138	2	018B	Mercury	1.17E-02	mg/kg	Grid Value	8.30E+00	value
138	2	018B	Nickel	6.60E+00	mg/kg	Grid Value	9.60E+01	value
138	2	018B	PCB, Total	1.40E-01	mg/kg	Grid Value	9.20E-02	value
138	2	018B	Silver	2.60E-02	mg/kg	Grid Value	1.53E+01	value
138	2	018B	Thallium	1.50E-01	mg/kg	Grid Value	2.90E-01	value
138	2	018B	Total PAH	1.27E+00	mg/kg	Avg	3.84E-02	value
138	2	018C	Arsenic	1.18E+01	mg/kg	Grid Value	1.03E+01	value
138	2	018C	Cadmium	3.35E-01	mg/kg	Avg	5.00E-01	value
138	2	018C	Chromium	3.59E+01	mg/kg	Grid Value	6.28E+01	value
138	2	018C	Mercury	1.00E+01	mg/kg	Grid Value	8.30E+00	value
138	2	018C	Nickel	6.50E+01	mg/kg	Grid Value	9.60E+01	value
138	2	018C	PCB, Total	3.97E+00	mg/kg	Avg	9.20E-02	value
138	2	018C	Silver	1.00E+01	mg/kg	Grid Value	1.53E+01	value
138	2	018C	Thallium	2.66E-01	mg/kg	Avg	2.90E-01	value
138	2	018C	Total PAH	1.27E+00	mg/kg	Avg	3.84E-02	value
138	2	SOU138-019	Arsenic	1.10E+01	mg/kg	Grid Value	1.03E+01	value
138	2	SOU138-019	Cadmium	3.35E-01	mg/kg	Avg	5.00E-01	value
138	2	SOU138-019	Chromium	3.29E+01	mg/kg	Grid Value	6.28E+01	value
138	2	SOU138-019	Mercury	1.00E+01	mg/kg	Grid Value	8.30E+00	value
138	2	SOU138-019	Nickel	8.85E+01	mg/kg	Grid Value	9.60E+01	value
138	2	SOU138-019	PCB, Total	5.00E+00	mg/kg	Grid Value	9.20E-02	value
138	2	SOU138-019	Silver	1.35E+01	mg/kg	Grid Value	1.53E+01	value
138	2	SOU138-019	Thallium	2.66E-01	mg/kg	Avg	2.90E-01	value
138	2	SOU138-019	Total PAH	1.27E+00	mg/kg	Avg	3.84E-02	value
138	2	SOU138-020	Arsenic	1.10E+01	mg/kg	Grid Value	1.03E+01	value
138	2	SOU138-020	Cadmium	3.35E-01	mg/kg	Avg	5.00E-01	value
138	2	SOU138-020	Chromium	3.90E+01	mg/kg	Grid Value	6.28E+01	value
138	2	SOU138-020	Mercury	8.30E+00	mg/kg	Grid Value	8.30E+00	value
138	2	SOU138-020	Nickel	6.50E+01	mg/kg	Grid Value	9.60E+01	value
138	2	SOU138-020	PCB, Total	5.00E+00	mg/kg	Grid Value	9.20E-02	value
138	2	SOU138-020	Silver	1.65E+01	mg/kg	Grid Value	1.53E+01	value
138	2	SOU138-020	Thallium	2.66E-01	mg/kg	Avg	2.90E-01	value
138	2	SOU138-020	Total PAH	1.27E+00	mg/kg	Avg	3.84E-02	value
138	2	SOU138-021	Arsenic	5.50E+00	mg/kg	Grid Value	1.03E+01	value
138	2	SOU138-021	Cadmium	2.50E-01	mg/kg	Grid Value	5.00E-01	value
138	2	SOU138-021	Chromium	1.71E+01	mg/kg	Grid Value	6.28E+01	value
138	2	SOU138-021	Mercury	6.73E-02	mg/kg	Grid Value	8.30E+00	value
138	2	SOU138-021	Nickel	1.03E+02	mg/kg	Grid Value	9.60E+01	value
138	2	SOU138-021	PCB, Total	5.00E+00	mg/kg	Grid Value	9.20E-02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
138	2	SOU138-021	Silver	1.00E-01	mg/kg	Grid Value	1.53E+01	value
138	2	SOU138-021	Thallium	2.50E-01	mg/kg	Grid Value	2.90E-01	value
138	2	SOU138-021	Total PAH	1.27E+00	mg/kg	Avg	3.84E-02	value
138	2	SOU138-022	Arsenic	1.10E+01	mg/kg	Grid Value	1.03E+01	value
138	2	SOU138-022	Cadmium	3.35E-01	mg/kg	Avg	5.00E-01	value
138	2	SOU138-022	Chromium	8.50E+01	mg/kg	Grid Value	6.28E+01	value
138	2	SOU138-022	Mercury	1.00E+01	mg/kg	Grid Value	8.30E+00	value
138	2	SOU138-022	Nickel	6.50E+01	mg/kg	Grid Value	9.60E+01	value
138	2	SOU138-022	PCB, Total	5.00E+00	mg/kg	Grid Value	9.20E-02	value
138	2	SOU138-022	Silver	1.00E+01	mg/kg	Grid Value	1.53E+01	value
138	2	SOU138-022	Thallium	2.66E-01	mg/kg	Avg	2.90E-01	value
138	2	SOU138-022	Total PAH	1.27E+00	mg/kg	Avg	3.84E-02	value
138	2	SOU138-023	Arsenic	1.10E+01	mg/kg	Grid Value	1.03E+01	value
138	2	SOU138-023	Cadmium	3.35E-01	mg/kg	Avg	5.00E-01	value
138	2	SOU138-023	Chromium	8.50E+01	mg/kg	Grid Value	6.28E+01	value
138	2	SOU138-023	Mercury	1.00E+01	mg/kg	Grid Value	8.30E+00	value
138	2	SOU138-023	Nickel	6.50E+01	mg/kg	Grid Value	9.60E+01	value
138	2	SOU138-023	PCB, Total	5.00E+00	mg/kg	Grid Value	9.20E-02	value
138	2	SOU138-023	Silver	1.00E+01	mg/kg	Grid Value	1.53E+01	value
138	2	SOU138-023	Thallium	2.66E-01	mg/kg	Avg	2.90E-01	value
138	2	SOU138-023	Total PAH	1.27E+00	mg/kg	Avg	3.84E-02	value
138	2	SOU138-024	Arsenic	1.10E+01	mg/kg	Grid Value	1.03E+01	value
138	2	SOU138-024	Cadmium	3.35E-01	mg/kg	Avg	5.00E-01	value
138	2	SOU138-024	Chromium	8.50E+01	mg/kg	Grid Value	6.28E+01	value
138	2	SOU138-024	Mercury	1.00E+01	mg/kg	Grid Value	8.30E+00	value
138	2	SOU138-024	Nickel	7.22E+01	mg/kg	Grid Value	9.60E+01	value
138	2	SOU138-024	PCB, Total	5.00E+00	mg/kg	Grid Value	9.20E-02	value
138	2	SOU138-024	Silver	1.27E+01	mg/kg	Grid Value	1.53E+01	value
138	2	SOU138-024	Thallium	2.66E-01	mg/kg	Avg	2.90E-01	value
138	2	SOU138-024	Total PAH	1.27E+00	mg/kg	Avg	3.84E-02	value
138	2	SOU138-024A	Arsenic	8.46E+00	mg/kg	Grid Value	1.03E+01	UCL 95 or maximum value
138	2	SOU138-024A	Cadmium	3.35E-01	mg/kg	Avg	5.00E-01	UCL 95 or maximum value
138	2	SOU138-024A	Chromium	4.69E+01	mg/kg	Grid Value	6.28E+01	UCL 95 or maximum value
138	2	SOU138-024A	Mercury	1.00E+01	mg/kg	Grid Value	8.30E+00	UCL 95 or maximum value
138	2	SOU138-024A	Nickel	1.02E+02	mg/kg	Grid Value	9.60E+01	UCL 95 or maximum value
138	2	SOU138-024A	PCB, Total	3.97E+00	mg/kg	Avg	9.20E-02	UCL 95 or maximum value
138	2	SOU138-024A	Silver	1.00E+01	mg/kg	Grid Value	1.53E+01	UCL 95 or maximum value
138	2	SOU138-024A	Thallium	2.66E-01	mg/kg	Avg	2.90E-01	UCL 95 or maximum value
138	2	SOU138-024A	Total PAH	1.27E+00	mg/kg	Avg	3.84E-02	UCL 95 or maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
138	2	024C	Arsenic	9.53E+00	mg/kg	Avg	1.03E+01	value
138	2	024C	Cadmium	3.35E-01	mg/kg	Avg	5.00E-01	value
138	2	024C	Chromium	4.85E+01	mg/kg	Avg	6.28E+01	value
138	2	024C	Mercury	7.29E+00	mg/kg	Avg	8.30E+00	value
138	2	024C	Nickel	6.97E+01	mg/kg	Avg	9.60E+01	value
138	2	024C	PCB, Total	3.97E+00	mg/kg	Avg	9.20E-02	value
138	2	024C	Silver	8.63E+00	mg/kg	Avg	1.53E+01	value
138	2	024C	Thallium	2.66E-01	mg/kg	Avg	2.90E-01	value
138	2	024C	Total PAH	1.27E+00	mg/kg	Avg	3.84E-02	value
138	2	024D	Arsenic	1.05E+01	mg/kg	Grid Value	1.03E+01	value
138	2	024D	Cadmium	9.30E-01	mg/kg	Grid Value	5.00E-01	value
138	2	024D	Chromium	1.13E+01	mg/kg	Grid Value	6.28E+01	value
138	2	024D	Mercury	2.62E-02	mg/kg	Grid Value	8.30E+00	value
138	2	024D	Nickel	1.07E+02	mg/kg	Grid Value	9.60E+01	value
138	2	024D	PCB, Total	3.97E+00	mg/kg	Avg	9.20E-02	value
138	2	024D	Silver	3.80E-02	mg/kg	Grid Value	1.53E+01	value
138	2	024D	Thallium	1.20E-01	mg/kg	Grid Value	2.90E-01	value
138	2	024D	Total PAH	1.27E+00	mg/kg	Avg	3.84E-02	value
180	1	SOU180-001	Antimony	5.80E-01	mg/kg	Grid Value	5.97E-01	value
180	1	SOU180-001	Arsenic	8.56E+00	mg/kg	Grid Value	7.57E+01	value
180	1	SOU180-001	Beryllium	5.40E-01	mg/kg	Grid Value	6.25E-01	value
180	1	SOU180-001	Chromium	5.39E+01	mg/kg	Grid Value	6.34E+01	value
180	1	SOU180-001	Cobalt	8.00E+00	mg/kg	Grid Value	1.37E+01	value
180	1	SOU180-001	Lead	2.80E+01	mg/kg	Grid Value	1.99E+03	value
180	1	SOU180-001	Manganese	5.26E+02	mg/kg	Grid Value	8.24E+02	value
180	1	SOU180-001	Mercury	2.88E-02	mg/kg	Grid Value	8.28E+00	value
180	1	SOU180-001	Nickel	1.34E+01	mg/kg	Grid Value	9.03E+01	value
180	1	SOU180-001	Silver	3.30E-02	mg/kg	Grid Value	1.17E+01	value
180	1	SOU180-001	Thallium	1.60E-01	mg/kg	Grid Value	4.73E-01	value
180	1	SOU180-002	Antimony	5.60E-01	mg/kg	Avg	5.97E-01	value
180	1	SOU180-002	Arsenic	1.12E+01	mg/kg	Grid Value	7.57E+01	value
180	1	SOU180-002	Beryllium	6.07E-01	mg/kg	Avg	6.25E-01	value
180	1	SOU180-002	Chromium	8.50E+01	mg/kg	Grid Value	6.34E+01	value
180	1	SOU180-002	Cobalt	1.21E+01	mg/kg	Avg	1.37E+01	value
180	1	SOU180-002	Lead	3.07E+01	mg/kg	Grid Value	1.99E+03	value
180	1	SOU180-002	Manganese	4.47E+02	mg/kg	Grid Value	8.24E+02	value
180	1	SOU180-002	Mercury	1.00E+01	mg/kg	Grid Value	8.28E+00	value
180	1	SOU180-002	Nickel	6.50E+01	mg/kg	Grid Value	9.03E+01	value
180	1	SOU180-002	Silver	1.00E+01	mg/kg	Grid Value	1.17E+01	value
180	1	SOU180-002	Thallium	3.97E-01	mg/kg	Avg	4.73E-01	value
180	1	SOU180-003	Antimony	5.60E-01	mg/kg	Avg	5.97E-01	value
180	1	SOU180-003	Arsenic	5.72E+00	mg/kg	Grid Value	7.57E+01	value
180	1	SOU180-003	Beryllium	6.07E-01	mg/kg	Avg	6.25E-01	value
180	1	SOU180-003	Chromium	8.50E+01	mg/kg	Grid Value	6.34E+01	value
180	1	SOU180-003	Cobalt	1.21E+01	mg/kg	Avg	1.37E+01	value
180	1	SOU180-003	Lead	7.75E+01	mg/kg	Grid Value	1.99E+03	value
180	1	SOU180-003	Manganese	6.03E+02	mg/kg	Grid Value	8.24E+02	value
180	1	SOU180-003	Mercury	8.28E+00	mg/kg	Grid Value	8.28E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
180	1	SOU180-003	Nickel	9.03E+01	mg/kg	Grid Value	9.03E+01	value
180	1	SOU180-003	Silver	1.00E+01	mg/kg	Grid Value	1.17E+01	value
180	1	SOU180-003	Thallium	3.97E-01	mg/kg	Avg	4.73E-01	value
180	1	SOU180-004	Antimony	4.00E-01	mg/kg	Grid Value	5.97E-01	value
180	1	SOU180-004	Arsenic	1.37E+01	mg/kg	Grid Value	7.57E+01	value
180	1	SOU180-004	Beryllium	6.90E-01	mg/kg	Grid Value	6.25E-01	value
180	1	SOU180-004	Chromium	4.67E+01	mg/kg	Grid Value	6.34E+01	value
180	1	SOU180-004	Cobalt	1.96E+01	mg/kg	Grid Value	1.37E+01	value
180	1	SOU180-004	Lead	2.22E+01	mg/kg	Grid Value	1.99E+03	value
180	1	SOU180-004	Manganese	1.10E+03	mg/kg	Grid Value	8.24E+02	value
180	1	SOU180-004	Mercury	4.97E-02	mg/kg	Grid Value	8.28E+00	value
180	1	SOU180-004	Nickel	6.63E+01	mg/kg	Grid Value	9.03E+01	value
180	1	SOU180-004	Silver	1.17E+01	mg/kg	Grid Value	1.17E+01	value
180	1	SOU180-004	Thallium	2.80E-01	mg/kg	Grid Value	4.73E-01	value
180	1	SOU180-005	Antimony	7.00E-01	mg/kg	Grid Value	5.97E-01	value
180	1	SOU180-005	Arsenic	1.13E+01	mg/kg	Grid Value	7.57E+01	value
180	1	SOU180-005	Beryllium	5.90E-01	mg/kg	Grid Value	6.25E-01	value
180	1	SOU180-005	Chromium	5.29E+01	mg/kg	Grid Value	6.34E+01	value
180	1	SOU180-005	Cobalt	8.80E+00	mg/kg	Grid Value	1.37E+01	value
180	1	SOU180-005	Lead	1.83E+01	mg/kg	Grid Value	1.99E+03	value
180	1	SOU180-005	Manganese	6.29E+02	mg/kg	Grid Value	8.24E+02	value
180	1	SOU180-005	Mercury	4.23E-02	mg/kg	Grid Value	8.28E+00	value
180	1	SOU180-005	Nickel	1.22E+01	mg/kg	Grid Value	9.03E+01	value
180	1	SOU180-005	Silver	3.30E-02	mg/kg	Grid Value	1.17E+01	value
180	1	SOU180-005	Thallium	7.50E-01	mg/kg	Grid Value	4.73E-01	value
180	1	SOU180-006	Antimony	5.60E-01	mg/kg	Avg	5.97E-01	value
180	1	SOU180-006	Arsenic	1.23E+01	mg/kg	Grid Value	7.57E+01	value
180	1	SOU180-006	Beryllium	6.07E-01	mg/kg	Avg	6.25E-01	value
180	1	SOU180-006	Chromium	5.18E+01	mg/kg	Grid Value	6.34E+01	value
180	1	SOU180-006	Cobalt	1.21E+01	mg/kg	Avg	1.37E+01	value
180	1	SOU180-006	Lead	6.95E+01	mg/kg	Grid Value	1.99E+03	value
180	1	SOU180-006	Manganese	1.33E+03	mg/kg	Grid Value	8.24E+02	value
180	1	SOU180-006	Mercury	1.00E+01	mg/kg	Grid Value	8.28E+00	value
180	1	SOU180-006	Nickel	8.06E+01	mg/kg	Grid Value	9.03E+01	value
180	1	SOU180-006	Silver	1.00E+01	mg/kg	Grid Value	1.17E+01	value
180	1	SOU180-006	Thallium	3.97E-01	mg/kg	Avg	4.73E-01	value
180	1	SOU180-007	Antimony	5.60E-01	mg/kg	Avg	5.97E-01	value
180	1	SOU180-007	Arsenic	2.36E+01	mg/kg	Grid Value	7.57E+01	value
180	1	SOU180-007	Beryllium	6.07E-01	mg/kg	Avg	6.25E-01	value
180	1	SOU180-007	Chromium	3.79E+01	mg/kg	Grid Value	6.34E+01	value
180	1	SOU180-007	Cobalt	1.21E+01	mg/kg	Avg	1.37E+01	value
180	1	SOU180-007	Lead	7.59E+02	mg/kg	Grid Value	1.99E+03	value
180	1	SOU180-007	Manganese	2.60E+02	mg/kg	Grid Value	8.24E+02	value
180	1	SOU180-007	Mercury	6.57E+00	mg/kg	Grid Value	8.28E+00	value
180	1	SOU180-007	Nickel	7.28E+01	mg/kg	Grid Value	9.03E+01	value
180	1	SOU180-007	Silver	1.03E+01	mg/kg	Grid Value	1.17E+01	value
180	1	SOU180-007	Thallium	3.97E-01	mg/kg	Avg	4.73E-01	value
180	1	SOU180-008	Antimony	5.60E-01	mg/kg	Avg	5.97E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
180	1	SOU180-008	Arsenic	1.38E+02	mg/kg	Grid Value	7.57E+01	value
180	1	SOU180-008	Beryllium	6.07E-01	mg/kg	Avg	6.25E-01	value
180	1	SOU180-008	Chromium	8.50E+01	mg/kg	Grid Value	6.34E+01	value
180	1	SOU180-008	Cobalt	1.21E+01	mg/kg	Avg	1.37E+01	value
180	1	SOU180-008	Lead	1.99E+03	mg/kg	Grid Value	1.99E+03	value
180	1	SOU180-008	Manganese	3.62E+02	mg/kg	Grid Value	8.24E+02	value
180	1	SOU180-008	Mercury	1.00E+01	mg/kg	Grid Value	8.28E+00	value
180	1	SOU180-008	Nickel	7.49E+01	mg/kg	Grid Value	9.03E+01	value
180	1	SOU180-008	Silver	1.00E+01	mg/kg	Grid Value	1.17E+01	value
180	1	SOU180-008	Thallium	3.97E-01	mg/kg	Avg	4.73E-01	value
180	1	SOU180-009	Antimony	5.60E-01	mg/kg	Avg	5.97E-01	value
180	1	SOU180-009	Arsenic	3.60E+01	mg/kg	Grid Value	7.57E+01	value
180	1	SOU180-009	Beryllium	6.07E-01	mg/kg	Avg	6.25E-01	value
180	1	SOU180-009	Chromium	6.34E+01	mg/kg	Grid Value	6.34E+01	value
180	1	SOU180-009	Cobalt	1.21E+01	mg/kg	Avg	1.37E+01	value
180	1	SOU180-009	Lead	2.98E+02	mg/kg	Grid Value	1.99E+03	value
180	1	SOU180-009	Manganese	8.94E+02	mg/kg	Grid Value	8.24E+02	value
180	1	SOU180-009	Mercury	1.00E+01	mg/kg	Grid Value	8.28E+00	value
180	1	SOU180-009	Nickel	5.34E+01	mg/kg	Grid Value	9.03E+01	value
180	1	SOU180-009	Silver	1.00E+01	mg/kg	Grid Value	1.17E+01	value
180	1	SOU180-009	Thallium	3.97E-01	mg/kg	Avg	4.73E-01	value
180	1	SOU180-010	Antimony	5.60E-01	mg/kg	Avg	5.97E-01	value
180	1	SOU180-010	Arsenic	7.77E+00	mg/kg	Grid Value	7.57E+01	value
180	1	SOU180-010	Beryllium	6.07E-01	mg/kg	Avg	6.25E-01	value
180	1	SOU180-010	Chromium	8.50E+01	mg/kg	Grid Value	6.34E+01	value
180	1	SOU180-010	Cobalt	1.21E+01	mg/kg	Avg	1.37E+01	value
180	1	SOU180-010	Lead	4.32E+01	mg/kg	Grid Value	1.99E+03	value
180	1	SOU180-010	Manganese	3.64E+02	mg/kg	Grid Value	8.24E+02	value
180	1	SOU180-010	Mercury	1.00E+01	mg/kg	Grid Value	8.28E+00	value
180	1	SOU180-010	Nickel	7.26E+01	mg/kg	Grid Value	9.03E+01	value
180	1	SOU180-010	Silver	1.00E+01	mg/kg	Grid Value	1.17E+01	value
180	1	SOU180-010	Thallium	3.97E-01	mg/kg	Avg	4.73E-01	value
180	1	020C	Antimony	5.60E-01	mg/kg	Avg	5.97E-01	value
180	1	020C	Arsenic	1.04E+01	mg/kg	Grid Value	7.57E+01	value
180	1	020C	Beryllium	6.07E-01	mg/kg	Avg	6.25E-01	value
180	1	020C	Chromium	5.85E+01	mg/kg	Grid Value	6.34E+01	value
180	1	020C	Cobalt	1.21E+01	mg/kg	Avg	1.37E+01	value
180	1	020C	Lead	2.07E+01	mg/kg	Grid Value	1.99E+03	value
180	1	020C	Manganese	5.36E+02	mg/kg	Grid Value	8.24E+02	value
180	1	020C	Mercury	1.00E+01	mg/kg	Grid Value	8.28E+00	value
180	1	020C	Nickel	6.50E+01	mg/kg	Grid Value	9.03E+01	value
180	1	020C	Silver	1.00E+01	mg/kg	Grid Value	1.17E+01	value
180	1	020C	Thallium	3.97E-01	mg/kg	Avg	4.73E-01	value
180	2	SOU180-011	Antimony	5.90E-01	mg/kg	Grid Value	4.58E-01	value
180	2	SOU180-011	Arsenic	8.62E+00	mg/kg	Grid Value	1.17E+01	value
180	2	SOU180-011	Chromium	6.02E+01	mg/kg	Grid Value	6.02E+01	value
180	2	SOU180-011	Manganese	1.65E+03	mg/kg	Grid Value	6.72E+02	value
180	2	SOU180-011	Mercury	2.29E-02	mg/kg	Grid Value	8.25E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
180	2	SOU180-011	Nickel	1.07E+01	mg/kg	Grid Value	8.64E+01	value
180	2	SOU180-011	Total PAH	9.19E-02	mg/kg	Grid Value	9.19E-02	value
180	2	SOU180-012	Antimony	4.20E-01	mg/kg	Avg	4.58E-01	value
180	2	SOU180-012	Arsenic	8.11E+00	mg/kg	Grid Value	1.17E+01	value
180	2	SOU180-012	Chromium	8.50E+01	mg/kg	Grid Value	6.02E+01	value
180	2	SOU180-012	Manganese	7.79E+01	mg/kg	Grid Value	6.72E+02	value
180	2	SOU180-012	Mercury	1.00E+01	mg/kg	Grid Value	8.25E+00	value
180	2	SOU180-012	Nickel	6.50E+01	mg/kg	Grid Value	8.64E+01	value
180	2	SOU180-012	Total PAH	9.19E-02	mg/kg	Avg	9.19E-02	value
180	2	SOU180-013	Antimony	4.20E-01	mg/kg	Avg	4.58E-01	value
180	2	SOU180-013	Arsenic	1.10E+01	mg/kg	Grid Value	1.17E+01	value
180	2	SOU180-013	Chromium	8.50E+01	mg/kg	Grid Value	6.02E+01	value
180	2	SOU180-013	Manganese	2.88E+02	mg/kg	Grid Value	6.72E+02	value
180	2	SOU180-013	Mercury	1.00E+01	mg/kg	Grid Value	8.25E+00	value
180	2	SOU180-013	Nickel	6.31E+01	mg/kg	Grid Value	8.64E+01	value
180	2	SOU180-013	Total PAH	9.19E-02	mg/kg	Avg	9.19E-02	value
180	2	SOU180-014	Antimony	4.20E-01	mg/kg	Avg	4.58E-01	value
180	2	SOU180-014	Arsenic	1.32E+01	mg/kg	Grid Value	1.17E+01	value
180	2	SOU180-014	Chromium	3.64E+01	mg/kg	Grid Value	6.02E+01	value
180	2	SOU180-014	Manganese	2.48E+02	mg/kg	Grid Value	6.72E+02	value
180	2	SOU180-014	Mercury	1.00E+01	mg/kg	Grid Value	8.25E+00	value
180	2	SOU180-014	Nickel	6.50E+01	mg/kg	Grid Value	8.64E+01	value
180	2	SOU180-014	Total PAH	9.19E-02	mg/kg	Avg	9.19E-02	value
180	2	SOU180-015	Antimony	4.20E-01	mg/kg	Avg	4.58E-01	value
180	2	SOU180-015	Arsenic	5.99E+00	mg/kg	Grid Value	1.17E+01	value
180	2	SOU180-015	Chromium	5.02E+01	mg/kg	Grid Value	6.02E+01	value
180	2	SOU180-015	Manganese	1.62E+02	mg/kg	Grid Value	6.72E+02	value
180	2	SOU180-015	Mercury	1.00E+01	mg/kg	Grid Value	8.25E+00	value
180	2	SOU180-015	Nickel	8.29E+01	mg/kg	Grid Value	8.64E+01	value
180	2	SOU180-015	Total PAH	9.19E-02	mg/kg	Avg	9.19E-02	value
180	2	SOU180-016	Antimony	4.20E-01	mg/kg	Avg	4.58E-01	value
180	2	SOU180-016	Arsenic	1.10E+01	mg/kg	Grid Value	1.17E+01	value
180	2	SOU180-016	Chromium	3.62E+01	mg/kg	Grid Value	6.02E+01	value
180	2	SOU180-016	Manganese	4.70E+02	mg/kg	Grid Value	6.72E+02	value
180	2	SOU180-016	Mercury	1.00E+01	mg/kg	Grid Value	8.25E+00	value
180	2	SOU180-016	Nickel	6.50E+01	mg/kg	Grid Value	8.64E+01	value
180	2	SOU180-016	Total PAH	9.19E-02	mg/kg	Avg	9.19E-02	value
180	2	SOU180-017	Antimony	4.20E-01	mg/kg	Avg	4.58E-01	value
180	2	SOU180-017	Arsenic	6.51E+00	mg/kg	Grid Value	1.17E+01	value
180	2	SOU180-017	Chromium	3.82E+01	mg/kg	Grid Value	6.02E+01	value
180	2	SOU180-017	Manganese	1.76E+02	mg/kg	Grid Value	6.72E+02	value
180	2	SOU180-017	Mercury	1.00E+01	mg/kg	Grid Value	8.25E+00	value
180	2	SOU180-017	Nickel	8.42E+01	mg/kg	Grid Value	8.64E+01	value
180	2	SOU180-017	Total PAH	9.19E-02	mg/kg	Avg	9.19E-02	value
180	2	SOU180-018	Antimony	4.20E-01	mg/kg	Avg	4.58E-01	value
180	2	SOU180-018	Arsenic	1.87E+01	mg/kg	Grid Value	1.17E+01	value
180	2	SOU180-018	Chromium	3.83E+01	mg/kg	Grid Value	6.02E+01	value
180	2	SOU180-018	Manganese	8.91E+01	mg/kg	Grid Value	6.72E+02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
180	2	SOU180-018	Mercury	1.00E+01	mg/kg	Grid Value	8.25E+00	value
180	2	SOU180-018	Nickel	5.83E+01	mg/kg	Grid Value	8.64E+01	value
180	2	SOU180-018	Total PAH	9.19E-02	mg/kg	Avg	9.19E-02	value
180	2	SOU180-019	Antimony	4.20E-01	mg/kg	Avg	4.58E-01	value
180	2	SOU180-019	Arsenic	7.47E+00	mg/kg	Grid Value	1.17E+01	value
180	2	SOU180-019	Chromium	4.09E+01	mg/kg	Grid Value	6.02E+01	value
180	2	SOU180-019	Manganese	1.22E+02	mg/kg	Grid Value	6.72E+02	value
180	2	SOU180-019	Mercury	1.00E+01	mg/kg	Grid Value	8.25E+00	value
180	2	SOU180-019	Nickel	6.02E+01	mg/kg	Grid Value	8.64E+01	value
180	2	SOU180-019	Total PAH	9.19E-02	mg/kg	Avg	9.19E-02	value
180	2	SOU180-020	Antimony	4.20E-01	mg/kg	Avg	4.58E-01	value
180	2	SOU180-020	Arsenic	8.09E+00	mg/kg	Grid Value	1.17E+01	value
180	2	SOU180-020	Chromium	5.72E+01	mg/kg	Grid Value	6.02E+01	value
180	2	SOU180-020	Manganese	4.40E+02	mg/kg	Grid Value	6.72E+02	value
180	2	SOU180-020	Mercury	1.00E+01	mg/kg	Grid Value	8.25E+00	value
180	2	SOU180-020	Nickel	8.64E+01	mg/kg	Grid Value	8.64E+01	value
180	2	SOU180-020	Total PAH	9.19E-02	mg/kg	Avg	9.19E-02	value
180	2	SOU180-020A	Antimony	2.50E-01	mg/kg	Grid Value	4.58E-01	UCL 95 or maximum value
180	2	SOU180-020A	Arsenic	1.07E+01	mg/kg	Grid Value	1.17E+01	UCL 95 or maximum value
180	2	SOU180-020A	Chromium	5.41E+01	mg/kg	Grid Value	6.02E+01	UCL 95 or maximum value
180	2	SOU180-020A	Manganese	7.49E+02	mg/kg	Grid Value	6.72E+02	UCL 95 or maximum value
180	2	SOU180-020A	Mercury	8.25E+00	mg/kg	Grid Value	8.25E+00	UCL 95 or maximum value
180	2	SOU180-020A	Nickel	1.14E+01	mg/kg	Grid Value	8.64E+01	UCL 95 or maximum value
180	2	SOU180-020A	Total PAH	9.19E-02	mg/kg	Avg	9.19E-02	UCL 95 or maximum value
180	2	020B	Antimony	4.20E-01	mg/kg	Avg	4.58E-01	value
180	2	020B	Arsenic	7.69E+00	mg/kg	Grid Value	1.17E+01	value
180	2	020B	Chromium	8.50E+01	mg/kg	Grid Value	6.02E+01	value
180	2	020B	Manganese	3.39E+02	mg/kg	Grid Value	6.72E+02	value
180	2	020B	Mercury	1.00E+01	mg/kg	Grid Value	8.25E+00	value
180	2	020B	Nickel	6.50E+01	mg/kg	Grid Value	8.64E+01	value
180	2	020B	Total PAH	9.19E-02	mg/kg	Avg	9.19E-02	value
180	3	SOU180-021	Arsenic	1.10E+01	mg/kg	Grid Value	1.36E+01	value
180	3	SOU180-021	Beryllium	4.67E-01	mg/kg	Avg	5.03E-01	value
180	3	SOU180-021	Chromium	8.50E+01	mg/kg	Grid Value	5.44E+01	value
180	3	SOU180-021	Manganese	4.70E+02	mg/kg	Grid Value	5.12E+02	value
180	3	SOU180-021	Nickel	6.50E+01	mg/kg	Grid Value	7.17E+01	value
180	3	SOU180-021	Silver	1.00E+01	mg/kg	Grid Value	1.14E+01	value
180	3	SOU180-021	Vanadium	2.67E+01	mg/kg	Avg	2.87E+01	value
180	3	SOU180-022	Arsenic	1.28E+01	mg/kg	Grid Value	1.36E+01	value
180	3	SOU180-022	Beryllium	4.67E-01	mg/kg	Avg	5.03E-01	value
180	3	SOU180-022	Chromium	8.50E+01	mg/kg	Grid Value	5.44E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
180	3	SOU180-022	Manganese	1.93E+02	mg/kg	Grid Value	5.12E+02	value
180	3	SOU180-022	Nickel	7.53E+01	mg/kg	Grid Value	7.17E+01	value
180	3	SOU180-022	Silver	1.00E+01	mg/kg	Grid Value	1.14E+01	value
180	3	SOU180-022	Vanadium	2.67E+01	mg/kg	Avg	2.87E+01	value
180	3	SOU180-023	Arsenic	3.03E+01	mg/kg	Grid Value	1.36E+01	value
180	3	SOU180-023	Beryllium	4.67E-01	mg/kg	Avg	5.03E-01	value
180	3	SOU180-023	Chromium	8.50E+01	mg/kg	Grid Value	5.44E+01	value
180	3	SOU180-023	Manganese	1.50E+02	mg/kg	Grid Value	5.12E+02	value
180	3	SOU180-023	Nickel	6.50E+01	mg/kg	Grid Value	7.17E+01	value
180	3	SOU180-023	Silver	1.14E+01	mg/kg	Grid Value	1.14E+01	value
180	3	SOU180-023	Vanadium	2.67E+01	mg/kg	Avg	2.87E+01	value
180	3	SOU180-024	Arsenic	1.19E+01	mg/kg	Grid Value	1.36E+01	value
180	3	SOU180-024	Beryllium	4.67E-01	mg/kg	Avg	5.03E-01	value
180	3	SOU180-024	Chromium	4.89E+01	mg/kg	Grid Value	5.44E+01	value
180	3	SOU180-024	Manganese	3.23E+02	mg/kg	Grid Value	5.12E+02	value
180	3	SOU180-024	Nickel	6.50E+01	mg/kg	Grid Value	7.17E+01	value
180	3	SOU180-024	Silver	1.00E+01	mg/kg	Grid Value	1.14E+01	value
180	3	SOU180-024	Vanadium	2.67E+01	mg/kg	Avg	2.87E+01	value
180	3	SOU180-025	Arsenic	1.10E+01	mg/kg	Grid Value	1.36E+01	value
180	3	SOU180-025	Beryllium	4.67E-01	mg/kg	Avg	5.03E-01	value
180	3	SOU180-025	Chromium	4.94E+01	mg/kg	Grid Value	5.44E+01	value
180	3	SOU180-025	Manganese	2.43E+02	mg/kg	Grid Value	5.12E+02	value
180	3	SOU180-025	Nickel	5.42E+01	mg/kg	Grid Value	7.17E+01	value
180	3	SOU180-025	Silver	1.00E+01	mg/kg	Grid Value	1.14E+01	value
180	3	SOU180-025	Vanadium	2.67E+01	mg/kg	Avg	2.87E+01	value
180	3	SOU180-025A	Arsenic	8.10E+00	mg/kg	Grid Value	1.36E+01	UCL 95 or maximum value
180	3	SOU180-025A	Beryllium	7.00E-01	mg/kg	Grid Value	5.03E-01	UCL 95 or maximum value
180	3	SOU180-025A	Chromium	3.98E+01	mg/kg	Grid Value	5.44E+01	UCL 95 or maximum value
180	3	SOU180-025A	Manganese	2.85E+02	mg/kg	Grid Value	5.12E+02	UCL 95 or maximum value
180	3	SOU180-025A	Nickel	1.08E+02	mg/kg	Grid Value	7.17E+01	UCL 95 or maximum value
180	3	SOU180-025A	Silver	1.04E+01	mg/kg	Grid Value	1.14E+01	UCL 95 or maximum value
180	3	SOU180-025A	Vanadium	4.05E+01	mg/kg	Grid Value	2.87E+01	UCL 95 or maximum value
180	3	SOU180-026	Arsenic	1.10E+01	mg/kg	Grid Value	1.36E+01	value
180	3	SOU180-026	Beryllium	4.67E-01	mg/kg	Avg	5.03E-01	value
180	3	SOU180-026	Chromium	8.50E+01	mg/kg	Grid Value	5.44E+01	value
180	3	SOU180-026	Manganese	6.01E+02	mg/kg	Grid Value	5.12E+02	value
180	3	SOU180-026	Nickel	6.37E+01	mg/kg	Grid Value	7.17E+01	value
180	3	SOU180-026	Silver	1.00E+01	mg/kg	Grid Value	1.14E+01	value
180	3	SOU180-026	Vanadium	2.67E+01	mg/kg	Avg	2.87E+01	value
180	3	SOU180-027	Arsenic	1.10E+01	mg/kg	Grid Value	1.36E+01	value
180	3	SOU180-027	Beryllium	4.67E-01	mg/kg	Avg	5.03E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
180	3	SOU180-027	Chromium	8.50E+01	mg/kg	Grid Value	5.44E+01	value
180	3	SOU180-027	Manganese	5.10E+02	mg/kg	Grid Value	5.12E+02	value
180	3	SOU180-027	Nickel	6.50E+01	mg/kg	Grid Value	7.17E+01	value
180	3	SOU180-027	Silver	1.00E+01	mg/kg	Grid Value	1.14E+01	value
180	3	SOU180-027	Vanadium	2.67E+01	mg/kg	Avg	2.87E+01	value
180	3	SOU180-028	Arsenic	1.07E+01	mg/kg	Grid Value	1.36E+01	value
180	3	SOU180-028	Beryllium	4.80E-01	mg/kg	Grid Value	5.03E-01	value
180	3	SOU180-028	Chromium	4.71E+01	mg/kg	Grid Value	5.44E+01	value
180	3	SOU180-028	Manganese	3.43E+02	mg/kg	Grid Value	5.12E+02	value
180	3	SOU180-028	Nickel	1.29E+01	mg/kg	Grid Value	7.17E+01	value
180	3	SOU180-028	Silver	1.05E+01	mg/kg	Grid Value	1.14E+01	value
180	3	SOU180-028	Vanadium	2.48E+01	mg/kg	Grid Value	2.87E+01	value
180	3	SOU180-029	Arsenic	7.14E+00	mg/kg	Grid Value	1.36E+01	value
180	3	SOU180-029	Beryllium	2.20E-01	mg/kg	Grid Value	5.03E-01	value
180	3	SOU180-029	Chromium	7.70E+00	mg/kg	Grid Value	5.44E+01	value
180	3	SOU180-029	Manganese	6.61E+02	mg/kg	Grid Value	5.12E+02	value
180	3	SOU180-029	Nickel	6.79E+01	mg/kg	Grid Value	7.17E+01	value
180	3	SOU180-029	Silver	2.80E-02	mg/kg	Grid Value	1.14E+01	value
180	3	SOU180-029	Vanadium	1.49E+01	mg/kg	Grid Value	2.87E+01	value
180	3	SOU180-030	Arsenic	1.10E+01	mg/kg	Grid Value	1.36E+01	value
180	3	SOU180-030	Beryllium	4.67E-01	mg/kg	Avg	5.03E-01	value
180	3	SOU180-030	Chromium	5.44E+01	mg/kg	Grid Value	5.44E+01	value
180	3	SOU180-030	Manganese	2.98E+02	mg/kg	Grid Value	5.12E+02	value
180	3	SOU180-030	Nickel	6.31E+01	mg/kg	Grid Value	7.17E+01	value
180	3	SOU180-030	Silver	1.00E+01	mg/kg	Grid Value	1.14E+01	value
180	3	SOU180-030	Vanadium	2.67E+01	mg/kg	Avg	2.87E+01	value
180	3	SOU180-030A	Arsenic	1.27E+01	mg/kg	Grid Value	1.36E+01	UCL 95 or maximum value
180	3	SOU180-030A	Beryllium	4.67E-01	mg/kg	Avg	5.03E-01	UCL 95 or maximum value
180	3	SOU180-030A	Chromium	4.54E+01	mg/kg	Grid Value	5.44E+01	UCL 95 or maximum value
180	3	SOU180-030A	Manganese	4.05E+02	mg/kg	Grid Value	5.12E+02	UCL 95 or maximum value
180	3	SOU180-030A	Nickel	6.50E+01	mg/kg	Grid Value	7.17E+01	UCL 95 or maximum value
180	3	SOU180-030A	Silver	1.00E+01	mg/kg	Grid Value	1.14E+01	UCL 95 or maximum value
180	3	SOU180-030A	Vanadium	2.67E+01	mg/kg	Avg	2.87E+01	UCL 95 or maximum value
180	3	SOU180-031	Arsenic	7.92E+00	mg/kg	Grid Value	1.36E+01	value
180	3	SOU180-031	Beryllium	4.67E-01	mg/kg	Avg	5.03E-01	value
180	3	SOU180-031	Chromium	5.14E+01	mg/kg	Grid Value	5.44E+01	value
180	3	SOU180-031	Manganese	3.15E+02	mg/kg	Grid Value	5.12E+02	value
180	3	SOU180-031	Nickel	6.50E+01	mg/kg	Grid Value	7.17E+01	value
180	3	SOU180-031	Silver	1.00E+01	mg/kg	Grid Value	1.14E+01	value
180	3	SOU180-031	Vanadium	2.67E+01	mg/kg	Avg	2.87E+01	value
180	3	SOU180-032	Arsenic	1.10E+01	mg/kg	Grid Value	1.36E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
180	3	SOU180-032	Beryllium	4.67E-01	mg/kg	Avg	5.03E-01	value
180	3	SOU180-032	Chromium	4.46E+01	mg/kg	Grid Value	5.44E+01	value
180	3	SOU180-032	Manganese	2.06E+02	mg/kg	Grid Value	5.12E+02	value
180	3	SOU180-032	Nickel	6.50E+01	mg/kg	Grid Value	7.17E+01	value
180	3	SOU180-032	Silver	1.00E+01	mg/kg	Grid Value	1.14E+01	value
180	3	SOU180-032	Vanadium	2.67E+01	mg/kg	Avg	2.87E+01	value
180	3	SOU180-033	Arsenic	9.63E+00	mg/kg	Grid Value	1.36E+01	value
180	3	SOU180-033	Beryllium	4.67E-01	mg/kg	Avg	5.03E-01	value
180	3	SOU180-033	Chromium	8.50E+01	mg/kg	Grid Value	5.44E+01	value
180	3	SOU180-033	Manganese	3.54E+02	mg/kg	Grid Value	5.12E+02	value
180	3	SOU180-033	Nickel	6.50E+01	mg/kg	Grid Value	7.17E+01	value
180	3	SOU180-033	Silver	1.00E+01	mg/kg	Grid Value	1.14E+01	value
180	3	SOU180-033	Vanadium	2.67E+01	mg/kg	Avg	2.87E+01	value
180	3	SOU180-034	Arsenic	7.67E+00	mg/kg	Grid Value	1.36E+01	value
180	3	SOU180-034	Beryllium	4.67E-01	mg/kg	Avg	5.03E-01	value
180	3	SOU180-034	Chromium	4.56E+01	mg/kg	Grid Value	5.44E+01	value
180	3	SOU180-034	Manganese	6.15E+02	mg/kg	Grid Value	5.12E+02	value
180	3	SOU180-034	Nickel	6.50E+01	mg/kg	Grid Value	7.17E+01	value
180	3	SOU180-034	Silver	1.00E+01	mg/kg	Grid Value	1.14E+01	value
180	3	SOU180-034	Vanadium	2.67E+01	mg/kg	Avg	2.87E+01	value
180	3	SOU180-034A	Arsenic	9.26E+00	mg/kg	Grid Value	1.36E+01	UCL 95 or maximum value
180	3	SOU180-034A	Beryllium	4.67E-01	mg/kg	Avg	5.03E-01	UCL 95 or maximum value
180	3	SOU180-034A	Chromium	4.21E+01	mg/kg	Grid Value	5.44E+01	UCL 95 or maximum value
180	3	SOU180-034A	Manganese	1.00E+03	mg/kg	Grid Value	5.12E+02	UCL 95 or maximum value
180	3	SOU180-034A	Nickel	6.43E+01	mg/kg	Grid Value	7.17E+01	UCL 95 or maximum value
180	3	SOU180-034A	Silver	1.00E+01	mg/kg	Grid Value	1.14E+01	UCL 95 or maximum value
180	3	SOU180-034A	Vanadium	2.67E+01	mg/kg	Avg	2.87E+01	UCL 95 or maximum value
180	4	SOU180-035	Arsenic	1.10E+01	mg/kg	Grid Value	1.11E+01	value
180	4	SOU180-035	Barium	1.52E+02	mg/kg	Avg	1.63E+02	value
180	4	SOU180-035	Beryllium	1.05E+00	mg/kg	Avg	1.14E+00	value
180	4	SOU180-035	Chromium	3.79E+01	mg/kg	Grid Value	6.00E+01	value
180	4	SOU180-035	Cobalt	8.95E+00	mg/kg	Avg	9.68E+00	value
180	4	SOU180-035	Iron	1.31E+04	mg/kg	Grid Value	1.61E+04	value
180	4	SOU180-035	Manganese	4.40E+02	mg/kg	Grid Value	8.05E+02	value
180	4	SOU180-035	Mercury	1.00E+01	mg/kg	Grid Value	6.89E+00	value
180	4	SOU180-035	Nickel	9.02E+01	mg/kg	Grid Value	6.99E+01	value
180	4	SOU180-035	Silver	1.00E+01	mg/kg	Grid Value	1.16E+01	value
180	4	SOU180-035	Total PAH	1.47E-02	mg/kg	Avg	1.58E-02	value
180	4	SOU180-035	Vanadium	3.22E+01	mg/kg	Avg	3.50E+01	value
180	4	SOU180-036	Arsenic	6.88E+00	mg/kg	Grid Value	1.11E+01	value
180	4	SOU180-036	Barium	1.52E+02	mg/kg	Avg	1.63E+02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
180	4	SOU180-036	Beryllium	1.05E+00	mg/kg	Avg	1.14E+00	value
180	4	SOU180-036	Chromium	5.68E+01	mg/kg	Grid Value	6.00E+01	value
180	4	SOU180-036	Cobalt	8.95E+00	mg/kg	Avg	9.68E+00	value
180	4	SOU180-036	Iron	1.42E+04	mg/kg	Grid Value	1.61E+04	value
180	4	SOU180-036	Manganese	5.22E+02	mg/kg	Grid Value	8.05E+02	value
180	4	SOU180-036	Mercury	1.00E+01	mg/kg	Grid Value	6.89E+00	value
180	4	SOU180-036	Nickel	6.46E+01	mg/kg	Grid Value	6.99E+01	value
180	4	SOU180-036	Silver	1.00E+01	mg/kg	Grid Value	1.16E+01	value
180	4	SOU180-036	Total PAH	1.47E-02	mg/kg	Avg	1.58E-02	value
180	4	SOU180-036	Vanadium	3.22E+01	mg/kg	Avg	3.50E+01	value
180	4	SOU180-037	Arsenic	5.78E+00	mg/kg	Grid Value	1.11E+01	value
180	4	SOU180-037	Barium	1.52E+02	mg/kg	Avg	1.63E+02	value
180	4	SOU180-037	Beryllium	1.05E+00	mg/kg	Avg	1.14E+00	value
180	4	SOU180-037	Chromium	8.50E+01	mg/kg	Grid Value	6.00E+01	value
180	4	SOU180-037	Cobalt	8.95E+00	mg/kg	Avg	9.68E+00	value
180	4	SOU180-037	Iron	8.07E+03	mg/kg	Grid Value	1.61E+04	value
180	4	SOU180-037	Manganese	6.65E+02	mg/kg	Grid Value	8.05E+02	value
180	4	SOU180-037	Mercury	1.00E+01	mg/kg	Grid Value	6.89E+00	value
180	4	SOU180-037	Nickel	6.50E+01	mg/kg	Grid Value	6.99E+01	value
180	4	SOU180-037	Silver	1.00E+01	mg/kg	Grid Value	1.16E+01	value
180	4	SOU180-037	Total PAH	1.47E-02	mg/kg	Avg	1.58E-02	value
180	4	SOU180-037	Vanadium	3.22E+01	mg/kg	Avg	3.50E+01	value
180	4	SOU180-038	Arsenic	1.10E+01	mg/kg	Grid Value	1.11E+01	value
180	4	SOU180-038	Barium	1.52E+02	mg/kg	Avg	1.63E+02	value
180	4	SOU180-038	Beryllium	1.05E+00	mg/kg	Avg	1.14E+00	value
180	4	SOU180-038	Chromium	5.45E+01	mg/kg	Grid Value	6.00E+01	value
180	4	SOU180-038	Cobalt	8.95E+00	mg/kg	Avg	9.68E+00	value
180	4	SOU180-038	Iron	1.25E+04	mg/kg	Grid Value	1.61E+04	value
180	4	SOU180-038	Manganese	4.15E+02	mg/kg	Grid Value	8.05E+02	value
180	4	SOU180-038	Mercury	1.00E+01	mg/kg	Grid Value	6.89E+00	value
180	4	SOU180-038	Nickel	7.41E+01	mg/kg	Grid Value	6.99E+01	value
180	4	SOU180-038	Silver	9.68E+00	mg/kg	Grid Value	1.16E+01	value
180	4	SOU180-038	Total PAH	1.47E-02	mg/kg	Avg	1.58E-02	value
180	4	SOU180-038	Vanadium	3.22E+01	mg/kg	Avg	3.50E+01	value
180	4	SOU180-038A	Arsenic	5.65E+00	mg/kg	Grid Value	1.11E+01	UCL 95 or maximum value
180	4	SOU180-038A	Barium	1.52E+02	mg/kg	Avg	1.63E+02	UCL 95 or maximum value
180	4	SOU180-038A	Beryllium	1.05E+00	mg/kg	Avg	1.14E+00	UCL 95 or maximum value
180	4	SOU180-038A	Chromium	3.86E+01	mg/kg	Grid Value	6.00E+01	UCL 95 or maximum value
180	4	SOU180-038A	Cobalt	8.95E+00	mg/kg	Avg	9.68E+00	UCL 95 or maximum value
180	4	SOU180-038A	Iron	7.09E+03	mg/kg	Grid Value	1.61E+04	UCL 95 or maximum value
180	4	SOU180-038A	Manganese	3.95E+02	mg/kg	Grid Value	8.05E+02	UCL 95 or maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
180	4	SOU180-038A	Mercury	1.00E+01	mg/kg	Grid Value	6.89E+00	UCL 95 or maximum value
180	4	SOU180-038A	Nickel	6.50E+01	mg/kg	Grid Value	6.99E+01	UCL 95 or maximum value
180	4	SOU180-038A	Silver	1.00E+01	mg/kg	Grid Value	1.16E+01	UCL 95 or maximum value
180	4	SOU180-038A	Total PAH	1.47E-02	mg/kg	Avg	1.58E-02	UCL 95 or maximum value
180	4	SOU180-038A	Vanadium	3.22E+01	mg/kg	Avg	3.50E+01	UCL 95 or maximum value
180	4	SOU180-039	Arsenic	1.92E+01	mg/kg	Grid Value	1.11E+01	value
180	4	SOU180-039	Barium	2.13E+02	mg/kg	Grid Value	1.63E+02	value
180	4	SOU180-039	Beryllium	1.60E+00	mg/kg	Grid Value	1.14E+00	value
180	4	SOU180-039	Chromium	4.17E+01	mg/kg	Grid Value	6.00E+01	value
180	4	SOU180-039	Cobalt	1.32E+01	mg/kg	Grid Value	9.68E+00	value
180	4	SOU180-039	Iron	3.53E+04	mg/kg	Grid Value	1.61E+04	value
180	4	SOU180-039	Manganese	1.99E+03	mg/kg	Grid Value	8.05E+02	value
180	4	SOU180-039	Mercury	1.97E-02	mg/kg	Grid Value	6.89E+00	value
180	4	SOU180-039	Nickel	1.02E+01	mg/kg	Grid Value	6.99E+01	value
180	4	SOU180-039	Silver	3.00E-02	mg/kg	Grid Value	1.16E+01	value
180	4	SOU180-039	Total PAH	2.15E-02	mg/kg	Grid Value	1.58E-02	value
180	4	SOU180-039	Vanadium	4.85E+01	mg/kg	Grid Value	3.50E+01	value
180	4	SOU180-040	Arsenic	6.44E+00	mg/kg	Grid Value	1.11E+01	value
180	4	SOU180-040	Barium	1.52E+02	mg/kg	Avg	1.63E+02	value
180	4	SOU180-040	Beryllium	1.05E+00	mg/kg	Avg	1.14E+00	value
180	4	SOU180-040	Chromium	6.00E+01	mg/kg	Grid Value	6.00E+01	value
180	4	SOU180-040	Cobalt	8.95E+00	mg/kg	Avg	9.68E+00	value
180	4	SOU180-040	Iron	1.44E+04	mg/kg	Grid Value	1.61E+04	value
180	4	SOU180-040	Manganese	3.17E+02	mg/kg	Grid Value	8.05E+02	value
180	4	SOU180-040	Mercury	1.00E+01	mg/kg	Grid Value	6.89E+00	value
180	4	SOU180-040	Nickel	6.50E+01	mg/kg	Grid Value	6.99E+01	value
180	4	SOU180-040	Silver	1.16E+01	mg/kg	Grid Value	1.16E+01	value
180	4	SOU180-040	Total PAH	1.47E-02	mg/kg	Avg	1.58E-02	value
180	4	SOU180-040	Vanadium	3.22E+01	mg/kg	Avg	3.50E+01	value
180	4	SOU180-041	Arsenic	1.10E+01	mg/kg	Grid Value	1.11E+01	value
180	4	SOU180-041	Barium	1.52E+02	mg/kg	Avg	1.63E+02	value
180	4	SOU180-041	Beryllium	1.05E+00	mg/kg	Avg	1.14E+00	value
180	4	SOU180-041	Chromium	4.24E+01	mg/kg	Grid Value	6.00E+01	value
180	4	SOU180-041	Cobalt	8.95E+00	mg/kg	Avg	9.68E+00	value
180	4	SOU180-041	Iron	1.76E+04	mg/kg	Grid Value	1.61E+04	value
180	4	SOU180-041	Manganese	4.16E+02	mg/kg	Grid Value	8.05E+02	value
180	4	SOU180-041	Mercury	1.00E+01	mg/kg	Grid Value	6.89E+00	value
180	4	SOU180-041	Nickel	6.50E+01	mg/kg	Grid Value	6.99E+01	value
180	4	SOU180-041	Silver	1.00E+01	mg/kg	Grid Value	1.16E+01	value
180	4	SOU180-041	Total PAH	1.47E-02	mg/kg	Avg	1.58E-02	value
180	4	SOU180-041	Vanadium	3.22E+01	mg/kg	Avg	3.50E+01	value
180	4	SOU180-042	Arsenic	1.10E+01	mg/kg	Grid Value	1.11E+01	value
180	4	SOU180-042	Barium	1.52E+02	mg/kg	Avg	1.63E+02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
180	4	SOU180-042	Beryllium	1.05E+00	mg/kg	Avg	1.14E+00	value
180	4	SOU180-042	Chromium	4.53E+01	mg/kg	Grid Value	6.00E+01	value
180	4	SOU180-042	Cobalt	8.95E+00	mg/kg	Avg	9.68E+00	value
180	4	SOU180-042	Iron	1.33E+04	mg/kg	Grid Value	1.61E+04	value
180	4	SOU180-042	Manganese	9.16E+02	mg/kg	Grid Value	8.05E+02	value
180	4	SOU180-042	Mercury	6.89E+00	mg/kg	Grid Value	6.89E+00	value
180	4	SOU180-042	Nickel	6.53E+01	mg/kg	Grid Value	6.99E+01	value
180	4	SOU180-042	Silver	1.00E+01	mg/kg	Grid Value	1.16E+01	value
180	4	SOU180-042	Total PAH	1.47E-02	mg/kg	Avg	1.58E-02	value
180	4	SOU180-042	Vanadium	3.22E+01	mg/kg	Avg	3.50E+01	value
180	4	SOU180-042A	Arsenic	6.18E+00	mg/kg	Grid Value	1.11E+01	UCL 95 or maximum value
180	4	SOU180-042A	Barium	1.52E+02	mg/kg	Avg	1.63E+02	UCL 95 or maximum value
180	4	SOU180-042A	Beryllium	1.05E+00	mg/kg	Avg	1.14E+00	UCL 95 or maximum value
180	4	SOU180-042A	Chromium	3.40E+01	mg/kg	Grid Value	6.00E+01	UCL 95 or maximum value
180	4	SOU180-042A	Cobalt	8.95E+00	mg/kg	Avg	9.68E+00	UCL 95 or maximum value
180	4	SOU180-042A	Iron	1.02E+04	mg/kg	Grid Value	1.61E+04	UCL 95 or maximum value
180	4	SOU180-042A	Manganese	5.98E+02	mg/kg	Grid Value	8.05E+02	UCL 95 or maximum value
180	4	SOU180-042A	Mercury	1.00E+01	mg/kg	Grid Value	6.89E+00	UCL 95 or maximum value
180	4	SOU180-042A	Nickel	6.50E+01	mg/kg	Grid Value	6.99E+01	UCL 95 or maximum value
180	4	SOU180-042A	Silver	1.00E+01	mg/kg	Grid Value	1.16E+01	UCL 95 or maximum value
180	4	SOU180-042A	Total PAH	1.47E-02	mg/kg	Avg	1.58E-02	UCL 95 or maximum value
180	4	SOU180-042A	Vanadium	3.22E+01	mg/kg	Avg	3.50E+01	UCL 95 or maximum value
180	4	SOU180-043	Arsenic	8.44E+00	mg/kg	Grid Value	1.11E+01	value
180	4	SOU180-043	Barium	9.10E+01	mg/kg	Grid Value	1.63E+02	value
180	4	SOU180-043	Beryllium	4.90E-01	mg/kg	Grid Value	1.14E+00	value
180	4	SOU180-043	Chromium	3.69E+01	mg/kg	Grid Value	6.00E+01	value
180	4	SOU180-043	Cobalt	4.70E+00	mg/kg	Grid Value	9.68E+00	value
180	4	SOU180-043	Iron	8.46E+03	mg/kg	Grid Value	1.61E+04	value
180	4	SOU180-043	Manganese	7.85E+02	mg/kg	Grid Value	8.05E+02	value
180	4	SOU180-043	Mercury	3.71E-02	mg/kg	Grid Value	6.89E+00	value
180	4	SOU180-043	Nickel	6.04E+01	mg/kg	Grid Value	6.99E+01	value
180	4	SOU180-043	Silver	3.20E-02	mg/kg	Grid Value	1.16E+01	value
180	4	SOU180-043	Total PAH	7.80E-03	mg/kg	Grid Value	1.58E-02	value
180	4	SOU180-043	Vanadium	1.59E+01	mg/kg	Grid Value	3.50E+01	value
180	4	SOU180-044	Arsenic	1.10E+01	mg/kg	Grid Value	1.11E+01	value
180	4	SOU180-044	Barium	1.52E+02	mg/kg	Avg	1.63E+02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
180	4	SOU180-044	Beryllium	1.05E+00	mg/kg	Avg	1.14E+00	value
180	4	SOU180-044	Chromium	8.50E+01	mg/kg	Grid Value	6.00E+01	value
180	4	SOU180-044	Cobalt	8.95E+00	mg/kg	Avg	9.68E+00	value
180	4	SOU180-044	Iron	7.31E+03	mg/kg	Grid Value	1.61E+04	value
180	4	SOU180-044	Manganese	4.97E+02	mg/kg	Grid Value	8.05E+02	value
180	4	SOU180-044	Mercury	1.00E+01	mg/kg	Grid Value	6.89E+00	value
180	4	SOU180-044	Nickel	6.50E+01	mg/kg	Grid Value	6.99E+01	value
180	4	SOU180-044	Silver	1.00E+01	mg/kg	Grid Value	1.16E+01	value
180	4	SOU180-044	Total PAH	1.47E-02	mg/kg	Avg	1.58E-02	value
180	4	SOU180-044	Vanadium	3.22E+01	mg/kg	Avg	3.50E+01	value
180	4	SOU180-045	Arsenic	1.10E+01	mg/kg	Grid Value	1.11E+01	value
180	4	SOU180-045	Barium	1.52E+02	mg/kg	Avg	1.63E+02	value
180	4	SOU180-045	Beryllium	1.05E+00	mg/kg	Avg	1.14E+00	value
180	4	SOU180-045	Chromium	4.00E+01	mg/kg	Grid Value	6.00E+01	value
180	4	SOU180-045	Cobalt	8.95E+00	mg/kg	Avg	9.68E+00	value
180	4	SOU180-045	Iron	1.60E+04	mg/kg	Grid Value	1.61E+04	value
180	4	SOU180-045	Manganese	4.39E+02	mg/kg	Grid Value	8.05E+02	value
180	4	SOU180-045	Mercury	1.00E+01	mg/kg	Grid Value	6.89E+00	value
180	4	SOU180-045	Nickel	6.50E+01	mg/kg	Grid Value	6.99E+01	value
180	4	SOU180-045	Silver	1.00E+01	mg/kg	Grid Value	1.16E+01	value
180	4	SOU180-045	Total PAH	1.47E-02	mg/kg	Avg	1.58E-02	value
180	4	SOU180-045	Vanadium	3.22E+01	mg/kg	Avg	3.50E+01	value
180	4	SOU180-046	Arsenic	6.24E+00	mg/kg	Grid Value	1.11E+01	value
180	4	SOU180-046	Barium	1.52E+02	mg/kg	Avg	1.63E+02	value
180	4	SOU180-046	Beryllium	1.05E+00	mg/kg	Avg	1.14E+00	value
180	4	SOU180-046	Chromium	8.50E+01	mg/kg	Grid Value	6.00E+01	value
180	4	SOU180-046	Cobalt	8.95E+00	mg/kg	Avg	9.68E+00	value
180	4	SOU180-046	Iron	6.87E+03	mg/kg	Grid Value	1.61E+04	value
180	4	SOU180-046	Manganese	4.24E+02	mg/kg	Grid Value	8.05E+02	value
180	4	SOU180-046	Mercury	1.00E+01	mg/kg	Grid Value	6.89E+00	value
180	4	SOU180-046	Nickel	6.13E+01	mg/kg	Grid Value	6.99E+01	value
180	4	SOU180-046	Silver	1.00E+01	mg/kg	Grid Value	1.16E+01	value
180	4	SOU180-046	Total PAH	1.47E-02	mg/kg	Avg	1.58E-02	value
180	4	SOU180-046	Vanadium	3.22E+01	mg/kg	Avg	3.50E+01	value
180	4	SOU180-046A	Arsenic	1.10E+01	mg/kg	Grid Value	1.11E+01	UCL 95 or maximum value
180	4	SOU180-046A	Barium	1.52E+02	mg/kg	Avg	1.63E+02	UCL 95 or maximum value
180	4	SOU180-046A	Beryllium	1.05E+00	mg/kg	Avg	1.14E+00	UCL 95 or maximum value
180	4	SOU180-046A	Chromium	8.50E+01	mg/kg	Grid Value	6.00E+01	UCL 95 or maximum value
180	4	SOU180-046A	Cobalt	8.95E+00	mg/kg	Avg	9.68E+00	UCL 95 or maximum value
180	4	SOU180-046A	Iron	7.20E+03	mg/kg	Grid Value	1.61E+04	UCL 95 or maximum value
180	4	SOU180-046A	Manganese	4.50E+02	mg/kg	Grid Value	8.05E+02	UCL 95 or maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
180	4	SOU180-046A	Mercury	1.00E+01	mg/kg	Grid Value	6.89E+00	UCL 95 or maximum value
180	4	SOU180-046A	Nickel	5.50E+01	mg/kg	Grid Value	6.99E+01	UCL 95 or maximum value
180	4	SOU180-046A	Silver	1.00E+01	mg/kg	Grid Value	1.16E+01	UCL 95 or maximum value
180	4	SOU180-046A	Total PAH	1.47E-02	mg/kg	Avg	1.58E-02	UCL 95 or maximum value
180	4	SOU180-046A	Vanadium	3.22E+01	mg/kg	Avg	3.50E+01	UCL 95 or maximum value
181	1	SOU181-001	Chromium	3.32E+01	mg/kg	Avg	3.44E+01	value
181	1	SOU181-001	PCB, Total	1.07E-01	mg/kg	Avg	1.03E-01	value
181	1	SOU181-001	Thallium	4.83E+00	mg/kg	Avg	3.50E+00	value
181	1	SOU181-001	Total PAH	3.38E-02	mg/kg	Avg	3.43E-02	value
181	1	SOU181-002	Chromium	3.32E+01	mg/kg	Avg	3.44E+01	value
181	1	SOU181-002	PCB, Total	1.07E-01	mg/kg	Avg	1.03E-01	value
181	1	SOU181-002	Thallium	4.83E+00	mg/kg	Avg	3.50E+00	value
181	1	SOU181-002	Total PAH	3.38E-02	mg/kg	Avg	3.43E-02	value
181	1	SOU181-003	Chromium	3.32E+01	mg/kg	Avg	3.44E+01	value
181	1	SOU181-003	PCB, Total	1.07E-01	mg/kg	Avg	1.03E-01	value
181	1	SOU181-003	Thallium	4.83E+00	mg/kg	Avg	3.50E+00	value
181	1	SOU181-003	Total PAH	3.38E-02	mg/kg	Avg	3.43E-02	value
181	1	SOU181-004	Chromium	3.32E+01	mg/kg	Avg	3.44E+01	value
181	1	SOU181-004	PCB, Total	1.07E-01	mg/kg	Avg	1.03E-01	value
181	1	SOU181-004	Thallium	4.83E+00	mg/kg	Avg	3.50E+00	value
181	1	SOU181-004	Total PAH	3.38E-02	mg/kg	Avg	3.43E-02	value
181	1	SOU181-005	Chromium	3.32E+01	mg/kg	Avg	3.44E+01	value
181	1	SOU181-005	PCB, Total	1.07E-01	mg/kg	Avg	1.03E-01	value
181	1	SOU181-005	Thallium	4.83E+00	mg/kg	Avg	3.50E+00	value
181	1	SOU181-005	Total PAH	3.38E-02	mg/kg	Avg	3.43E-02	value
181	1	SOU181-006	Chromium	3.32E+01	mg/kg	Avg	3.44E+01	value
181	1	SOU181-006	PCB, Total	1.07E-01	mg/kg	Avg	1.03E-01	value
181	1	SOU181-006	Thallium	4.83E+00	mg/kg	Avg	3.50E+00	value
181	1	SOU181-006	Total PAH	3.38E-02	mg/kg	Avg	3.43E-02	value
181	1	SOU181-007	Chromium	3.32E+01	mg/kg	Avg	3.44E+01	value
181	1	SOU181-007	PCB, Total	1.07E-01	mg/kg	Avg	1.03E-01	value
181	1	SOU181-007	Thallium	4.83E+00	mg/kg	Avg	3.50E+00	value
181	1	SOU181-007	Total PAH	3.38E-02	mg/kg	Avg	3.43E-02	value
181	1	SOU181-008	Chromium	3.32E+01	mg/kg	Avg	3.44E+01	value
181	1	SOU181-008	PCB, Total	1.07E-01	mg/kg	Avg	1.03E-01	value
181	1	SOU181-008	Thallium	4.83E+00	mg/kg	Avg	3.50E+00	value
181	1	SOU181-008	Total PAH	3.38E-02	mg/kg	Avg	3.43E-02	value
181	1	SOU181-009	Chromium	3.32E+01	mg/kg	Avg	3.44E+01	value
181	1	SOU181-009	PCB, Total	1.07E-01	mg/kg	Avg	1.03E-01	value
181	1	SOU181-009	Thallium	4.83E+00	mg/kg	Avg	3.50E+00	value
181	1	SOU181-009	Total PAH	3.38E-02	mg/kg	Avg	3.43E-02	value
181	1	SOU181-010	Chromium	3.32E+01	mg/kg	Avg	3.44E+01	value
181	1	SOU181-010	PCB, Total	1.07E-01	mg/kg	Avg	1.03E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
181	1	SOU181-010	Thallium	4.83E+00	mg/kg	Avg	3.50E+00	value
181	1	SOU181-010	Total PAH	3.38E-02	mg/kg	Avg	3.43E-02	value
181	1	SOU181-011	Chromium	3.32E+01	mg/kg	Avg	3.44E+01	value
181	1	SOU181-011	PCB, Total	1.07E-01	mg/kg	Avg	1.03E-01	value
181	1	SOU181-011	Thallium	4.83E+00	mg/kg	Avg	3.50E+00	value
181	1	SOU181-011	Total PAH	3.38E-02	mg/kg	Avg	3.43E-02	value
181	1	SOU181-012	Chromium	3.32E+01	mg/kg	Avg	3.44E+01	value
181	1	SOU181-012	PCB, Total	1.07E-01	mg/kg	Avg	1.03E-01	value
181	1	SOU181-012	Thallium	4.83E+00	mg/kg	Avg	3.50E+00	value
181	1	SOU181-012	Total PAH	3.38E-02	mg/kg	Avg	3.43E-02	value
181	1	SOU181-013	Chromium	3.32E+01	mg/kg	Avg	3.44E+01	value
181	1	SOU181-013	PCB, Total	1.07E-01	mg/kg	Avg	1.03E-01	value
181	1	SOU181-013	Thallium	4.83E+00	mg/kg	Avg	3.50E+00	value
181	1	SOU181-013	Total PAH	3.38E-02	mg/kg	Avg	3.43E-02	value
181	1	SOU181-014	Chromium	3.32E+01	mg/kg	Avg	3.44E+01	value
181	1	SOU181-014	PCB, Total	1.07E-01	mg/kg	Avg	1.03E-01	value
181	1	SOU181-014	Thallium	4.83E+00	mg/kg	Avg	3.50E+00	value
181	1	SOU181-014	Total PAH	3.38E-02	mg/kg	Avg	3.43E-02	value
181	1	SOU181-015	Chromium	3.32E+01	mg/kg	Avg	3.44E+01	value
181	1	SOU181-015	PCB, Total	1.07E-01	mg/kg	Avg	1.03E-01	value
181	1	SOU181-015	Thallium	4.83E+00	mg/kg	Avg	3.50E+00	value
181	1	SOU181-015	Total PAH	3.38E-02	mg/kg	Avg	3.43E-02	value
181	1	SOU181-016	Chromium	3.32E+01	mg/kg	Avg	3.44E+01	value
181	1	SOU181-016	PCB, Total	1.07E-01	mg/kg	Avg	1.03E-01	value
181	1	SOU181-016	Thallium	4.83E+00	mg/kg	Avg	3.50E+00	value
181	1	SOU181-016	Total PAH	3.38E-02	mg/kg	Avg	3.43E-02	value
181	1	SOU181-017	Chromium	3.32E+01	mg/kg	Avg	3.44E+01	value
181	1	SOU181-017	PCB, Total	1.07E-01	mg/kg	Avg	1.03E-01	value
181	1	SOU181-017	Thallium	4.83E+00	mg/kg	Avg	3.50E+00	value
181	1	SOU181-017	Total PAH	3.38E-02	mg/kg	Avg	3.43E-02	value
181	1	SOU181-018	Chromium	3.32E+01	mg/kg	Avg	3.44E+01	value
181	1	SOU181-018	PCB, Total	1.07E-01	mg/kg	Avg	1.03E-01	value
181	1	SOU181-018	Thallium	4.83E+00	mg/kg	Avg	3.50E+00	value
181	1	SOU181-018	Total PAH	3.38E-02	mg/kg	Avg	3.43E-02	value
181	1	SOU181-019	Chromium	3.32E+01	mg/kg	Avg	3.44E+01	value
181	1	SOU181-019	PCB, Total	1.07E-01	mg/kg	Avg	1.03E-01	value
181	1	SOU181-019	Thallium	4.83E+00	mg/kg	Avg	3.50E+00	value
181	1	SOU181-019	Total PAH	3.38E-02	mg/kg	Avg	3.43E-02	value
181	1	SOU181-020	Chromium	3.32E+01	mg/kg	Avg	3.44E+01	value
181	1	SOU181-020	PCB, Total	1.07E-01	mg/kg	Avg	1.03E-01	value
181	1	SOU181-020	Thallium	4.83E+00	mg/kg	Avg	3.50E+00	value
181	1	SOU181-020	Total PAH	3.38E-02	mg/kg	Avg	3.43E-02	value
181	1	SOU181-021	Chromium	3.32E+01	mg/kg	Avg	3.44E+01	value
181	1	SOU181-021	PCB, Total	1.07E-01	mg/kg	Avg	1.03E-01	value
181	1	SOU181-021	Thallium	4.83E+00	mg/kg	Avg	3.50E+00	value
181	1	SOU181-021	Total PAH	3.38E-02	mg/kg	Avg	3.43E-02	value
181	1	SOU181-022	Chromium	3.32E+01	mg/kg	Avg	3.44E+01	value
181	1	SOU181-022	PCB, Total	1.07E-01	mg/kg	Avg	1.03E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
181	1	SOU181-022	Thallium	4.83E+00	mg/kg	Avg	3.50E+00	value
181	1	SOU181-022	Total PAH	3.38E-02	mg/kg	Avg	3.43E-02	value
181	1	SOU181-023	Chromium	3.32E+01	mg/kg	Avg	3.44E+01	value
181	1	SOU181-023	PCB, Total	1.07E-01	mg/kg	Avg	1.03E-01	value
181	1	SOU181-023	Thallium	4.83E+00	mg/kg	Avg	3.50E+00	value
181	1	SOU181-023	Total PAH	3.38E-02	mg/kg	Avg	3.43E-02	value
181	1	SOU181-024	Chromium	3.32E+01	mg/kg	Avg	3.44E+01	value
181	1	SOU181-024	PCB, Total	1.07E-01	mg/kg	Avg	1.03E-01	value
181	1	SOU181-024	Thallium	4.83E+00	mg/kg	Avg	3.50E+00	value
181	1	SOU181-024	Total PAH	3.38E-02	mg/kg	Avg	3.43E-02	value
181	1	SOU181-025	Chromium	3.32E+01	mg/kg	Avg	3.44E+01	value
181	1	SOU181-025	PCB, Total	1.07E-01	mg/kg	Avg	1.03E-01	value
181	1	SOU181-025	Thallium	4.83E+00	mg/kg	Avg	3.50E+00	value
181	1	SOU181-025	Total PAH	3.38E-02	mg/kg	Avg	3.43E-02	value
181	1	SOU181- BACK	Chromium	4.79E+01	mg/kg	Grid Value	3.44E+01	UCL 95 or maximum value
181	1	SOU181- BACK	PCB, Total	1.70E-01	mg/kg	Grid Value	1.03E-01	UCL 95 or maximum value
181	1	SOU181- BACK	Thallium	1.86E+00	mg/kg	Grid Value	3.50E+00	UCL 95 or maximum value
181	1	SOU181- BACK	Total PAH	2.85E-02	mg/kg	Grid Value	3.43E-02	UCL 95 or maximum value
181	1	SOU181- EAST	Chromium	2.04E+01	mg/kg	Grid Value	3.44E+01	UCL 95 or maximum value
181	1	SOU181- EAST	PCB, Total	2.00E-02	mg/kg	Grid Value	1.03E-01	UCL 95 or maximum value
181	1	SOU181- EAST	Thallium	3.50E+00	mg/kg	Grid Value	3.50E+00	UCL 95 or maximum value
181	1	SOU181- EAST	Total PAH	3.91E-02	mg/kg	Grid Value	3.43E-02	UCL 95 or maximum value
181	1	SOU181- WEST	Chromium	3.12E+01	mg/kg	Grid Value	3.44E+01	UCL 95 or maximum value
181	1	SOU181- WEST	PCB, Total	1.30E-01	mg/kg	Grid Value	1.03E-01	UCL 95 or maximum value
181	1	SOU181- WEST	Thallium	9.12E+00	mg/kg	Grid Value	3.50E+00	UCL 95 or maximum value
181	1	SOU181- WEST	Total PAH	3.38E-02	mg/kg	Avg	3.43E-02	UCL 95 or maximum value
195	1	SOU195-005	Arsenic	1.10E+01	mg/kg	Grid Value	1.17E+01	value
195	1	SOU195-005	Chromium	3.85E+01	mg/kg	Grid Value	5.85E+01	value
195	1	SOU195-005	Nickel	8.29E+01	mg/kg	Grid Value	8.00E+01	value
195	1	SOU195-005	Silver	1.00E+01	mg/kg	Grid Value	9.37E+00	value
195	1	SOU195-005	Thallium	2.57E-01	mg/kg	Avg	2.99E-01	value
195	1	SOU195-005	Total PAH	1.36E-02	mg/kg	Avg	1.53E-02	value
195	1	SOU195-005	Cesium-137	2.40E-01	pCi/g	Avg	3.70E-01	value
195	1	SOU195-006	Arsenic	1.69E+01	mg/kg	Grid Value	1.17E+01	value
195	1	SOU195-006	Chromium	4.63E+01	mg/kg	Grid Value	5.85E+01	value
195	1	SOU195-006	Nickel	7.02E+01	mg/kg	Grid Value	8.00E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
195	1	SOU195-006	Silver	4.50E-02	mg/kg	Grid Value	9.37E+00	value
195	1	SOU195-006	Thallium	4.20E-01	mg/kg	Grid Value	2.99E-01	value
195	1	SOU195-006	Total PAH	1.36E-02	mg/kg	Avg	1.53E-02	value
195	1	SOU195-006	Cesium-137	2.40E-01	pCi/g	Avg	3.70E-01	value
195	1	SOU195-017	Arsenic	5.93E+00	mg/kg	Grid Value	1.17E+01	value
195	1	SOU195-017	Chromium	3.53E+01	mg/kg	Grid Value	5.85E+01	value
195	1	SOU195-017	Nickel	6.50E+01	mg/kg	Grid Value	8.00E+01	value
195	1	SOU195-017	Silver	1.00E+01	mg/kg	Grid Value	9.37E+00	value
195	1	SOU195-017	Thallium	2.57E-01	mg/kg	Avg	2.99E-01	value
195	1	SOU195-017	Total PAH	1.36E-02	mg/kg	Avg	1.53E-02	value
195	1	SOU195-017	Cesium-137	2.40E-01	pCi/g	Avg	3.70E-01	value
195	1	SOU195-018	Arsenic	1.10E+01	mg/kg	Grid Value	1.17E+01	value
195	1	SOU195-018	Chromium	3.74E+01	mg/kg	Grid Value	5.85E+01	value
195	1	SOU195-018	Nickel	6.50E+01	mg/kg	Grid Value	8.00E+01	value
195	1	SOU195-018	Silver	1.00E+01	mg/kg	Grid Value	9.37E+00	value
195	1	SOU195-018	Thallium	2.57E-01	mg/kg	Avg	2.99E-01	value
195	1	SOU195-018	Total PAH	1.36E-02	mg/kg	Avg	1.53E-02	value
195	1	SOU195-018	Cesium-137	2.40E-01	pCi/g	Avg	3.70E-01	value
195	1	SOU195-019	Arsenic	8.02E+00	mg/kg	Grid Value	1.17E+01	value
195	1	SOU195-019	Chromium	4.81E+01	mg/kg	Grid Value	5.85E+01	value
195	1	SOU195-019	Nickel	5.26E+01	mg/kg	Grid Value	8.00E+01	value
195	1	SOU195-019	Silver	1.00E+01	mg/kg	Grid Value	9.37E+00	value
195	1	SOU195-019	Thallium	2.57E-01	mg/kg	Avg	2.99E-01	value
195	1	SOU195-019	Total PAH	1.36E-02	mg/kg	Avg	1.53E-02	value
195	1	SOU195-019	Cesium-137	2.40E-01	pCi/g	Avg	3.70E-01	value
195	1	SOU195-020	Arsenic	1.10E+01	mg/kg	Grid Value	1.17E+01	value
195	1	SOU195-020	Chromium	5.53E+01	mg/kg	Grid Value	5.85E+01	value
195	1	SOU195-020	Nickel	6.50E+01	mg/kg	Grid Value	8.00E+01	value
195	1	SOU195-020	Silver	1.00E+01	mg/kg	Grid Value	9.37E+00	value
195	1	SOU195-020	Thallium	2.57E-01	mg/kg	Avg	2.99E-01	value
195	1	SOU195-020	Total PAH	1.36E-02	mg/kg	Avg	1.53E-02	value
195	1	SOU195-020	Cesium-137	2.40E-01	pCi/g	Avg	3.70E-01	value
195	1	SOU195-031	Arsenic	4.60E+00	mg/kg	Grid Value	1.17E+01	value
195	1	SOU195-031	Chromium	3.26E+01	mg/kg	Grid Value	5.85E+01	value
195	1	SOU195-031	Nickel	7.60E+00	mg/kg	Grid Value	8.00E+01	value
195	1	SOU195-031	Silver	3.00E-02	mg/kg	Grid Value	9.37E+00	value
195	1	SOU195-031	Thallium	2.40E-01	mg/kg	Grid Value	2.99E-01	value
195	1	SOU195-031	Total PAH	2.00E-02	mg/kg	Grid Value	1.53E-02	value
195	1	SOU195-031	Cesium-137	3.90E-02	pCi/g	Grid Value	3.70E-01	value
195	1	SOU195-032	Arsenic	6.10E+00	mg/kg	Grid Value	1.17E+01	value
195	1	SOU195-032	Chromium	5.19E+01	mg/kg	Grid Value	5.85E+01	value
195	1	SOU195-032	Nickel	1.00E+02	mg/kg	Grid Value	8.00E+01	value
195	1	SOU195-032	Silver	3.40E-02	mg/kg	Grid Value	9.37E+00	value
195	1	SOU195-032	Thallium	1.10E-01	mg/kg	Grid Value	2.99E-01	value
195	1	SOU195-032	Total PAH	7.10E-03	mg/kg	Grid Value	1.53E-02	value
195	1	SOU195-032	Cesium-137	4.40E-01	pCi/g	Grid Value	3.70E-01	value
195	1	SOU195-033	Arsenic	1.10E+01	mg/kg	Grid Value	1.17E+01	value
195	1	SOU195-033	Chromium	6.33E+01	mg/kg	Grid Value	5.85E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
195	1	SOU195-033	Nickel	8.48E+01	mg/kg	Grid Value	8.00E+01	value
195	1	SOU195-033	Silver	9.37E+00	mg/kg	Grid Value	9.37E+00	value
195	1	SOU195-033	Thallium	2.57E-01	mg/kg	Avg	2.99E-01	value
195	1	SOU195-033	Total PAH	1.36E-02	mg/kg	Avg	1.53E-02	value
195	1	SOU195-033	Cesium-137	2.40E-01	pCi/g	Avg	3.70E-01	value
195	1	SOU195-034	Arsenic	1.10E+01	mg/kg	Grid Value	1.17E+01	value
195	1	SOU195-034	Chromium	8.50E+01	mg/kg	Grid Value	5.85E+01	value
195	1	SOU195-034	Nickel	6.50E+01	mg/kg	Grid Value	8.00E+01	value
195	1	SOU195-034	Silver	1.00E+01	mg/kg	Grid Value	9.37E+00	value
195	1	SOU195-034	Thallium	2.57E-01	mg/kg	Avg	2.99E-01	value
195	1	SOU195-034	Total PAH	1.36E-02	mg/kg	Avg	1.53E-02	value
195	1	SOU195-034	Cesium-137	2.40E-01	pCi/g	Avg	3.70E-01	value
195	2	SOU195-001	Chromium	8.50E+01	mg/kg	Grid Value	5.63E+01	value
195	2	SOU195-001	Silver	1.00E+01	mg/kg	Grid Value	9.48E+00	value
195	2	SOU195-001	Total PAH	1.69E-02	mg/kg	Avg	1.93E-02	value
195	2	SOU195-002	Chromium	3.48E+01	mg/kg	Grid Value	5.63E+01	value
195	2	SOU195-002	Silver	1.00E+01	mg/kg	Grid Value	9.48E+00	value
195	2	SOU195-002	Total PAH	1.69E-02	mg/kg	Avg	1.93E-02	value
195	2	SOU195-007	Chromium	3.96E+01	mg/kg	Grid Value	5.63E+01	value
195	2	SOU195-007	Silver	5.40E-02	mg/kg	Grid Value	9.48E+00	value
195	2	SOU195-007	Total PAH	2.68E-02	mg/kg	Grid Value	1.93E-02	value
195	2	SOU195-008	Chromium	4.47E+01	mg/kg	Grid Value	5.63E+01	value
195	2	SOU195-008	Silver	1.00E+01	mg/kg	Grid Value	9.48E+00	value
195	2	SOU195-008	Total PAH	1.69E-02	mg/kg	Avg	1.93E-02	value
195	2	SOU195-009	Chromium	4.52E+01	mg/kg	Grid Value	5.63E+01	value
195	2	SOU195-009	Silver	1.00E+01	mg/kg	Grid Value	9.48E+00	value
195	2	SOU195-009	Total PAH	1.69E-02	mg/kg	Avg	1.93E-02	value
195	2	SOU195-021	Chromium	5.78E+01	mg/kg	Grid Value	5.63E+01	value
195	2	SOU195-021	Silver	9.48E+00	mg/kg	Grid Value	9.48E+00	value
195	2	SOU195-021	Total PAH	1.69E-02	mg/kg	Avg	1.93E-02	value
195	2	SOU195-022	Chromium	4.01E+01	mg/kg	Grid Value	5.63E+01	value
195	2	SOU195-022	Silver	1.00E+01	mg/kg	Grid Value	9.48E+00	value
195	2	SOU195-022	Total PAH	1.69E-02	mg/kg	Avg	1.93E-02	value
195	2	SOU195-023	Chromium	5.08E+01	mg/kg	Grid Value	5.63E+01	value
195	2	SOU195-023	Silver	1.00E+01	mg/kg	Grid Value	9.48E+00	value
195	2	SOU195-023	Total PAH	1.69E-02	mg/kg	Avg	1.93E-02	value
195	2	SOU195-035	Chromium	3.99E+01	mg/kg	Grid Value	5.63E+01	value
195	2	SOU195-035	Silver	1.00E+01	mg/kg	Grid Value	9.48E+00	value
195	2	SOU195-035	Total PAH	1.69E-02	mg/kg	Avg	1.93E-02	value
195	2	SOU195-036	Chromium	4.43E+01	mg/kg	Grid Value	5.63E+01	value
195	2	SOU195-036	Silver	3.20E-02	mg/kg	Grid Value	9.48E+00	value
195	2	SOU195-036	Total PAH	7.00E-03	mg/kg	Grid Value	1.93E-02	value
195	2	SOU195-037	Chromium	5.26E+01	mg/kg	Grid Value	5.63E+01	value
195	2	SOU195-037	Silver	1.00E+01	mg/kg	Grid Value	9.48E+00	value
195	2	SOU195-037	Total PAH	1.69E-02	mg/kg	Avg	1.93E-02	value
195	3	SOU195-003	Arsenic	1.10E+01	mg/kg	Grid Value	1.09E+01	value
195	3	SOU195-003	Chromium	8.50E+01	mg/kg	Grid Value	5.29E+01	value
195	3	SOU195-003	Manganese	1.28E+02	mg/kg	Grid Value	4.88E+02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
195	3	SOU195-003	Nickel	6.50E+01	mg/kg	Grid Value	9.63E+01	value
195	3	SOU195-003	Total PAH	2.24E-02	mg/kg	Avg	3.31E-02	value
195	3	SOU195-004	Arsenic	1.11E+01	mg/kg	Grid Value	1.09E+01	value
195	3	SOU195-004	Chromium	3.33E+01	mg/kg	Grid Value	5.29E+01	value
195	3	SOU195-004	Manganese	1.98E+02	mg/kg	Grid Value	4.88E+02	value
195	3	SOU195-004	Nickel	6.50E+01	mg/kg	Grid Value	9.63E+01	value
195	3	SOU195-004	Total PAH	2.24E-02	mg/kg	Avg	3.31E-02	value
195	3	SOU195-010	Arsenic	7.14E+00	mg/kg	Grid Value	1.09E+01	value
195	3	SOU195-010	Chromium	3.11E+01	mg/kg	Grid Value	5.29E+01	value
195	3	SOU195-010	Manganese	4.11E+02	mg/kg	Grid Value	4.88E+02	value
195	3	SOU195-010	Nickel	9.78E+01	mg/kg	Grid Value	9.63E+01	value
195	3	SOU195-010	Total PAH	4.20E-03	mg/kg	Grid Value	3.31E-02	value
195	3	SOU195-011	Arsenic	6.95E+00	mg/kg	Grid Value	1.09E+01	value
195	3	SOU195-011	Chromium	3.50E+01	mg/kg	Grid Value	5.29E+01	value
195	3	SOU195-011	Manganese	3.09E+02	mg/kg	Grid Value	4.88E+02	value
195	3	SOU195-011	Nickel	6.50E+01	mg/kg	Grid Value	9.63E+01	value
195	3	SOU195-011	Total PAH	2.24E-02	mg/kg	Avg	3.31E-02	value
195	3	SOU195-012	Arsenic	8.20E+00	mg/kg	Grid Value	1.09E+01	value
195	3	SOU195-012	Chromium	1.25E+01	mg/kg	Grid Value	5.29E+01	value
195	3	SOU195-012	Manganese	3.71E+02	mg/kg	Grid Value	4.88E+02	value
195	3	SOU195-012	Nickel	1.28E+01	mg/kg	Grid Value	9.63E+01	value
195	3	SOU195-012	Total PAH	4.06E-02	mg/kg	Grid Value	3.31E-02	value
195	3	SOU195-024	Arsenic	1.10E+01	mg/kg	Grid Value	1.09E+01	value
195	3	SOU195-024	Chromium	4.77E+01	mg/kg	Grid Value	5.29E+01	value
195	3	SOU195-024	Manganese	2.02E+02	mg/kg	Grid Value	4.88E+02	value
195	3	SOU195-024	Nickel	6.26E+01	mg/kg	Grid Value	9.63E+01	value
195	3	SOU195-024	Total PAH	2.24E-02	mg/kg	Avg	3.31E-02	value
195	3	SOU195-025	Arsenic	9.99E+00	mg/kg	Grid Value	1.09E+01	value
195	3	SOU195-025	Chromium	4.49E+01	mg/kg	Grid Value	5.29E+01	value
195	3	SOU195-025	Manganese	1.14E+03	mg/kg	Grid Value	4.88E+02	value
195	3	SOU195-025	Nickel	1.02E+02	mg/kg	Grid Value	9.63E+01	value
195	3	SOU195-025	Total PAH	2.24E-02	mg/kg	Avg	3.31E-02	value
195	3	SOU195-026	Arsenic	1.10E+01	mg/kg	Grid Value	1.09E+01	value
195	3	SOU195-026	Chromium	5.03E+01	mg/kg	Grid Value	5.29E+01	value
195	3	SOU195-026	Manganese	2.14E+02	mg/kg	Grid Value	4.88E+02	value
195	3	SOU195-026	Nickel	6.50E+01	mg/kg	Grid Value	9.63E+01	value
195	3	SOU195-026	Total PAH	2.24E-02	mg/kg	Avg	3.31E-02	value
195	3	SOU195-038	Arsenic	1.10E+01	mg/kg	Grid Value	1.09E+01	value
195	3	SOU195-038	Chromium	3.91E+01	mg/kg	Grid Value	5.29E+01	value
195	3	SOU195-038	Manganese	2.28E+02	mg/kg	Grid Value	4.88E+02	value
195	3	SOU195-038	Nickel	6.50E+01	mg/kg	Grid Value	9.63E+01	value
195	3	SOU195-038	Total PAH	2.24E-02	mg/kg	Avg	3.31E-02	value
195	3	SOU195-039	Arsenic	1.10E+01	mg/kg	Grid Value	1.09E+01	value
195	3	SOU195-039	Chromium	5.55E+01	mg/kg	Grid Value	5.29E+01	value
195	3	SOU195-039	Manganese	2.21E+02	mg/kg	Grid Value	4.88E+02	value
195	3	SOU195-039	Nickel	6.50E+01	mg/kg	Grid Value	9.63E+01	value
195	3	SOU195-039	Total PAH	2.24E-02	mg/kg	Avg	3.31E-02	value
195	3	SOU195-040	Arsenic	1.10E+01	mg/kg	Grid Value	1.09E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
195	3	SOU195-040	Chromium	3.87E+01	mg/kg	Grid Value	5.29E+01	value
195	3	SOU195-040	Manganese	2.69E+02	mg/kg	Grid Value	4.88E+02	value
195	3	SOU195-040	Nickel	6.50E+01	mg/kg	Grid Value	9.63E+01	value
195	3	SOU195-040	Total PAH	2.24E-02	mg/kg	Avg	3.31E-02	value
195	4	SOU195-013	Arsenic	8.53E+00	mg/kg	Grid Value	1.01E+01	value
195	4	SOU195-013	Chromium	8.50E+01	mg/kg	Grid Value	5.08E+01	value
195	4	SOU195-013	Nickel	6.50E+01	mg/kg	Grid Value	8.37E+01	value
195	4	SOU195-013	Silver	8.80E+00	mg/kg	Grid Value	8.80E+00	value
195	4	SOU195-013	Thallium	3.25E-01	mg/kg	Avg	3.39E-01	value
195	4	SOU195-014	Arsenic	6.51E+00	mg/kg	Grid Value	1.01E+01	value
195	4	SOU195-014	Chromium	4.85E+01	mg/kg	Grid Value	5.08E+01	value
195	4	SOU195-014	Nickel	6.50E+01	mg/kg	Grid Value	8.37E+01	value
195	4	SOU195-014	Silver	1.00E+01	mg/kg	Grid Value	8.80E+00	value
195	4	SOU195-014	Thallium	3.25E-01	mg/kg	Avg	3.39E-01	value
195	4	SOU195-014A	Arsenic	6.20E+00	mg/kg	Grid Value	1.01E+01	UCL 95 or maximum value
195	4	SOU195-014A	Chromium	4.31E+01	mg/kg	Grid Value	5.08E+01	UCL 95 or maximum value
195	4	SOU195-014A	Nickel	1.14E+01	mg/kg	Grid Value	8.37E+01	UCL 95 or maximum value
195	4	SOU195-014A	Silver	2.50E-02	mg/kg	Grid Value	8.80E+00	UCL 95 or maximum value
195	4	SOU195-014A	Thallium	3.20E-01	mg/kg	Grid Value	3.39E-01	UCL 95 or maximum value
195	4	014B	Arsenic	1.06E+01	mg/kg	Grid Value	1.01E+01	value
195	4	014B	Chromium	3.64E+01	mg/kg	Grid Value	5.08E+01	value
195	4	014B	Nickel	8.69E+01	mg/kg	Grid Value	8.37E+01	value
195	4	014B	Silver	1.00E+01	mg/kg	Grid Value	8.80E+00	value
195	4	014B	Thallium	3.25E-01	mg/kg	Avg	3.39E-01	value
195	4	014C	Arsenic	8.53E+00	mg/kg	Grid Value	1.01E+01	value
195	4	014C	Chromium	5.78E+01	mg/kg	Grid Value	5.08E+01	value
195	4	014C	Nickel	7.77E+01	mg/kg	Grid Value	8.37E+01	value
195	4	014C	Silver	3.40E-02	mg/kg	Grid Value	8.80E+00	value
195	4	014C	Thallium	4.20E-01	mg/kg	Grid Value	3.39E-01	value
195	4	SOU195-015	Arsenic	5.60E+00	mg/kg	Grid Value	1.01E+01	value
195	4	SOU195-015	Chromium	4.50E+01	mg/kg	Grid Value	5.08E+01	value
195	4	SOU195-015	Nickel	6.50E+01	mg/kg	Grid Value	8.37E+01	value
195	4	SOU195-015	Silver	1.00E+01	mg/kg	Grid Value	8.80E+00	value
195	4	SOU195-015	Thallium	3.25E-01	mg/kg	Avg	3.39E-01	value
195	4	SOU195-016	Arsenic	1.09E+01	mg/kg	Grid Value	1.01E+01	value
195	4	SOU195-016	Chromium	3.28E+01	mg/kg	Grid Value	5.08E+01	value
195	4	SOU195-016	Nickel	6.23E+01	mg/kg	Grid Value	8.37E+01	value
195	4	SOU195-016	Silver	1.00E+01	mg/kg	Grid Value	8.80E+00	value
195	4	SOU195-016	Thallium	3.25E-01	mg/kg	Avg	3.39E-01	value
195	4	SOU195-027	Arsenic	1.10E+01	mg/kg	Grid Value	1.01E+01	value
195	4	SOU195-027	Chromium	3.78E+01	mg/kg	Grid Value	5.08E+01	value
195	4	SOU195-027	Nickel	6.50E+01	mg/kg	Grid Value	8.37E+01	value
195	4	SOU195-027	Silver	1.00E+01	mg/kg	Grid Value	8.80E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
195	4	SOU195-027	Thallium	3.25E-01	mg/kg	Avg	3.39E-01	value
195	4	SOU195-028	Arsenic	7.47E+00	mg/kg	Grid Value	1.01E+01	value
195	4	SOU195-028	Chromium	3.52E+01	mg/kg	Grid Value	5.08E+01	value
195	4	SOU195-028	Nickel	1.15E+01	mg/kg	Grid Value	8.37E+01	value
195	4	SOU195-028	Silver	3.70E-02	mg/kg	Grid Value	8.80E+00	value
195	4	SOU195-028	Thallium	2.90E-01	mg/kg	Grid Value	3.39E-01	value
195	4	SOU195-029	Arsenic	1.10E+01	mg/kg	Grid Value	1.01E+01	value
195	4	SOU195-029	Chromium	4.29E+01	mg/kg	Grid Value	5.08E+01	value
195	4	SOU195-029	Nickel	6.50E+01	mg/kg	Grid Value	8.37E+01	value
195	4	SOU195-029	Silver	1.00E+01	mg/kg	Grid Value	8.80E+00	value
195	4	SOU195-029	Thallium	3.25E-01	mg/kg	Avg	3.39E-01	value
195	4	SOU195-030	Arsenic	1.10E+01	mg/kg	Grid Value	1.01E+01	value
195	4	SOU195-030	Chromium	3.13E+01	mg/kg	Grid Value	5.08E+01	value
195	4	SOU195-030	Nickel	6.50E+01	mg/kg	Grid Value	8.37E+01	value
195	4	SOU195-030	Silver	1.00E+01	mg/kg	Grid Value	8.80E+00	value
195	4	SOU195-030	Thallium	3.25E-01	mg/kg	Avg	3.39E-01	value
195	4	SOU195-041	Arsenic	1.10E+01	mg/kg	Grid Value	1.01E+01	value
195	4	SOU195-041	Chromium	3.35E+01	mg/kg	Grid Value	5.08E+01	value
195	4	SOU195-041	Nickel	6.50E+01	mg/kg	Grid Value	8.37E+01	value
195	4	SOU195-041	Silver	1.00E+01	mg/kg	Grid Value	8.80E+00	value
195	4	SOU195-041	Thallium	3.25E-01	mg/kg	Avg	3.39E-01	value
195	4	SOU195-042	Arsenic	1.10E+01	mg/kg	Grid Value	1.01E+01	value
195	4	SOU195-042	Chromium	4.98E+01	mg/kg	Grid Value	5.08E+01	value
195	4	SOU195-042	Nickel	6.50E+01	mg/kg	Grid Value	8.37E+01	value
195	4	SOU195-042	Silver	1.00E+01	mg/kg	Grid Value	8.80E+00	value
195	4	SOU195-042	Thallium	3.25E-01	mg/kg	Avg	3.39E-01	value
195	4	SOU195-043	Arsenic	5.00E+00	mg/kg	Grid Value	1.01E+01	value
195	4	SOU195-043	Chromium	5.29E+01	mg/kg	Grid Value	5.08E+01	value
195	4	SOU195-043	Nickel	1.00E+01	mg/kg	Grid Value	8.37E+01	value
195	4	SOU195-043	Silver	3.60E-02	mg/kg	Grid Value	8.80E+00	value
195	4	SOU195-043	Thallium	2.70E-01	mg/kg	Grid Value	3.39E-01	value
195	4	SOU195-044	Arsenic	1.10E+01	mg/kg	Grid Value	1.01E+01	value
195	4	SOU195-044	Chromium	3.53E+01	mg/kg	Grid Value	5.08E+01	value
195	4	SOU195-044	Nickel	6.50E+01	mg/kg	Grid Value	8.37E+01	value
195	4	SOU195-044	Silver	1.00E+01	mg/kg	Grid Value	8.80E+00	value
195	4	SOU195-044	Thallium	3.25E-01	mg/kg	Avg	3.39E-01	value
195	5	SOU195-045	Arsenic	1.10E+01	mg/kg	Grid Value	8.80E+00	value
195	5	SOU195-045	Chromium	3.23E+01	mg/kg	Grid Value	5.74E+01	value
195	5	SOU195-045	Nickel	6.50E+01	mg/kg	Grid Value	8.11E+01	value
195	5	SOU195-045	Silver	1.00E+01	mg/kg	Grid Value	8.41E+00	value
195	5	SOU195-045	Thallium	5.50E-01	mg/kg	Avg	5.50E-01	value
195	5	SOU195-045	Total PAH	2.40E-02	mg/kg	Avg	2.40E-02	value
195	5	SOU195-045	Cesium-137	3.41E-01	pCi/g	Avg	3.41E-01	value
195	5	SOU195-046	Arsenic	8.80E+00	mg/kg	Grid Value	8.80E+00	value
195	5	SOU195-046	Chromium	4.90E+01	mg/kg	Grid Value	5.74E+01	value
195	5	SOU195-046	Nickel	6.50E+01	mg/kg	Grid Value	8.11E+01	value
195	5	SOU195-046	Silver	1.00E+01	mg/kg	Grid Value	8.41E+00	value
195	5	SOU195-046	Thallium	5.50E-01	mg/kg	Avg	5.50E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
195	5	SOU195-046	Total PAH	2.40E-02	mg/kg	Avg	2.40E-02	value
195	5	SOU195-046	Cesium-137	3.41E-01	pCi/g	Avg	3.41E-01	value
195	5	SOU195-047	Arsenic	1.10E+01	mg/kg	Grid Value	8.80E+00	value
195	5	SOU195-047	Chromium	5.74E+01	mg/kg	Grid Value	5.74E+01	value
195	5	SOU195-047	Nickel	8.11E+01	mg/kg	Grid Value	8.11E+01	value
195	5	SOU195-047	Silver	1.00E+01	mg/kg	Grid Value	8.41E+00	value
195	5	SOU195-047	Thallium	5.50E-01	mg/kg	Avg	5.50E-01	value
195	5	SOU195-047	Total PAH	2.40E-02	mg/kg	Avg	2.40E-02	value
195	5	SOU195-047	Cesium-137	3.41E-01	pCi/g	Avg	3.41E-01	value
195	5	SOU195-060	Arsenic	1.10E+01	mg/kg	Grid Value	8.80E+00	value
195	5	SOU195-060	Chromium	3.92E+01	mg/kg	Grid Value	5.74E+01	value
195	5	SOU195-060	Nickel	6.50E+01	mg/kg	Grid Value	8.11E+01	value
195	5	SOU195-060	Silver	1.00E+01	mg/kg	Grid Value	8.41E+00	value
195	5	SOU195-060	Thallium	5.50E-01	mg/kg	Avg	5.50E-01	value
195	5	SOU195-060	Total PAH	2.40E-02	mg/kg	Avg	2.40E-02	value
195	5	SOU195-060	Cesium-137	3.41E-01	pCi/g	Avg	3.41E-01	value
195	5	SOU195-061	Arsenic	6.30E+00	mg/kg	Grid Value	8.80E+00	value
195	5	SOU195-061	Chromium	5.55E+01	mg/kg	Grid Value	5.74E+01	value
195	5	SOU195-061	Nickel	1.24E+01	mg/kg	Grid Value	8.11E+01	value
195	5	SOU195-061	Silver	3.20E-02	mg/kg	Grid Value	8.41E+00	value
195	5	SOU195-061	Thallium	5.50E-01	mg/kg	Grid Value	5.50E-01	value
195	5	SOU195-061	Total PAH	2.40E-02	mg/kg	Grid Value	2.40E-02	value
195	5	SOU195-061	Cesium-137	3.41E-01	pCi/g	Grid Value	3.41E-01	value
195	5	SOU195-062	Arsenic	1.10E+01	mg/kg	Grid Value	8.80E+00	value
195	5	SOU195-062	Chromium	4.15E+01	mg/kg	Grid Value	5.74E+01	value
195	5	SOU195-062	Nickel	6.50E+01	mg/kg	Grid Value	8.11E+01	value
195	5	SOU195-062	Silver	1.00E+01	mg/kg	Grid Value	8.41E+00	value
195	5	SOU195-062	Thallium	5.50E-01	mg/kg	Avg	5.50E-01	value
195	5	SOU195-062	Total PAH	2.40E-02	mg/kg	Avg	2.40E-02	value
195	5	SOU195-062	Cesium-137	3.41E-01	pCi/g	Avg	3.41E-01	value
195	5	SOU195-075	Arsenic	1.10E+01	mg/kg	Grid Value	8.80E+00	value
195	5	SOU195-075	Chromium	8.50E+01	mg/kg	Grid Value	5.74E+01	value
195	5	SOU195-075	Nickel	6.50E+01	mg/kg	Grid Value	8.11E+01	value
195	5	SOU195-075	Silver	1.00E+01	mg/kg	Grid Value	8.41E+00	value
195	5	SOU195-075	Thallium	5.50E-01	mg/kg	Avg	5.50E-01	value
195	5	SOU195-075	Total PAH	2.40E-02	mg/kg	Avg	2.40E-02	value
195	5	SOU195-075	Cesium-137	3.41E-01	pCi/g	Avg	3.41E-01	value
195	5	SOU195-076	Arsenic	7.00E+00	mg/kg	Grid Value	8.80E+00	value
195	5	SOU195-076	Chromium	4.15E+01	mg/kg	Grid Value	5.74E+01	value
195	5	SOU195-076	Nickel	6.50E+01	mg/kg	Grid Value	8.11E+01	value
195	5	SOU195-076	Silver	1.00E+01	mg/kg	Grid Value	8.41E+00	value
195	5	SOU195-076	Thallium	5.50E-01	mg/kg	Avg	5.50E-01	value
195	5	SOU195-076	Total PAH	2.40E-02	mg/kg	Avg	2.40E-02	value
195	5	SOU195-076	Cesium-137	3.41E-01	pCi/g	Avg	3.41E-01	value
195	5	SOU195-077	Arsenic	6.12E+00	mg/kg	Grid Value	8.80E+00	value
195	5	SOU195-077	Chromium	5.20E+01	mg/kg	Grid Value	5.74E+01	value
195	5	SOU195-077	Nickel	6.50E+01	mg/kg	Grid Value	8.11E+01	value
195	5	SOU195-077	Silver	8.41E+00	mg/kg	Grid Value	8.41E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
195	5	SOU195-077	Thallium	5.50E-01	mg/kg	Avg	5.50E-01	value
195	5	SOU195-077	Total PAH	2.40E-02	mg/kg	Avg	2.40E-02	value
195	5	SOU195-077	Cesium-137	3.41E-01	pCi/g	Avg	3.41E-01	value
195	5	SOU195-078	Arsenic	1.10E+01	mg/kg	Grid Value	8.80E+00	value
195	5	SOU195-078	Chromium	8.50E+01	mg/kg	Grid Value	5.74E+01	value
195	5	SOU195-078	Nickel	6.50E+01	mg/kg	Grid Value	8.11E+01	value
195	5	SOU195-078	Silver	1.00E+01	mg/kg	Grid Value	8.41E+00	value
195	5	SOU195-078	Thallium	5.50E-01	mg/kg	Avg	5.50E-01	value
195	5	SOU195-078	Total PAH	2.40E-02	mg/kg	Avg	2.40E-02	value
195	5	SOU195-078	Cesium-137	3.41E-01	pCi/g	Avg	3.41E-01	value
195	6	SOU195-048	Arsenic	1.10E+01	mg/kg	Grid Value	1.05E+01	value
195	6	SOU195-048	Chromium	4.45E+01	mg/kg	Grid Value	5.52E+01	value
195	6	SOU195-048	Nickel	9.81E+01	mg/kg	Grid Value	9.81E+01	value
195	6	SOU195-048	Silver	1.00E+01	mg/kg	Grid Value	1.00E+01	value
195	6	SOU195-048	Total PAH	1.26E-01	mg/kg	Avg	1.91E-01	value
195	6	SOU195-048	Cesium-137	1.42E-01	pCi/g	Avg	2.26E-01	value
195	6	SOU195-049	Arsenic	1.05E+01	mg/kg	Grid Value	1.05E+01	value
195	6	SOU195-049	Chromium	4.28E+01	mg/kg	Grid Value	5.52E+01	value
195	6	SOU195-049	Nickel	7.54E+01	mg/kg	Grid Value	9.81E+01	value
195	6	SOU195-049	Silver	1.00E+01	mg/kg	Grid Value	1.00E+01	value
195	6	SOU195-049	Total PAH	1.26E-01	mg/kg	Avg	1.91E-01	value
195	6	SOU195-049	Cesium-137	1.42E-01	pCi/g	Avg	2.26E-01	value
195	6	SOU195-050	Arsenic	1.01E+01	mg/kg	Grid Value	1.05E+01	value
195	6	SOU195-050	Chromium	4.37E+01	mg/kg	Grid Value	5.52E+01	value
195	6	SOU195-050	Nickel	6.50E+01	mg/kg	Grid Value	9.81E+01	value
195	6	SOU195-050	Silver	1.00E+01	mg/kg	Grid Value	1.00E+01	value
195	6	SOU195-050	Total PAH	1.26E-01	mg/kg	Avg	1.91E-01	value
195	6	SOU195-050	Cesium-137	1.42E-01	pCi/g	Avg	2.26E-01	value
195	6	SOU195-051	Arsenic	4.40E+00	mg/kg	Grid Value	1.05E+01	value
195	6	SOU195-051	Chromium	5.10E+01	mg/kg	Grid Value	5.52E+01	value
195	6	SOU195-051	Nickel	1.00E+01	mg/kg	Grid Value	9.81E+01	value
195	6	SOU195-051	Silver	3.40E-02	mg/kg	Grid Value	1.00E+01	value
195	6	SOU195-051	Total PAH	5.10E-03	mg/kg	Grid Value	1.91E-01	value
195	6	SOU195-051	Cesium-137	-1.40E-02	pCi/g	Grid Value	2.26E-01	value
195	6	SOU195-063	Arsenic	1.10E+01	mg/kg	Grid Value	1.05E+01	value
195	6	SOU195-063	Chromium	4.09E+01	mg/kg	Grid Value	5.52E+01	value
195	6	SOU195-063	Nickel	6.50E+01	mg/kg	Grid Value	9.81E+01	value
195	6	SOU195-063	Silver	1.00E+01	mg/kg	Grid Value	1.00E+01	value
195	6	SOU195-063	Total PAH	1.26E-01	mg/kg	Avg	1.91E-01	value
195	6	SOU195-063	Cesium-137	1.42E-01	pCi/g	Avg	2.26E-01	value
195	6	SOU195-064	Arsenic	1.10E+01	mg/kg	Grid Value	1.05E+01	value
195	6	SOU195-064	Chromium	8.50E+01	mg/kg	Grid Value	5.52E+01	value
195	6	SOU195-064	Nickel	6.50E+01	mg/kg	Grid Value	9.81E+01	value
195	6	SOU195-064	Silver	1.00E+01	mg/kg	Grid Value	1.00E+01	value
195	6	SOU195-064	Total PAH	1.26E-01	mg/kg	Avg	1.91E-01	value
195	6	SOU195-064	Cesium-137	1.42E-01	pCi/g	Avg	2.26E-01	value
195	6	SOU195-065	Arsenic	1.10E+01	mg/kg	Grid Value	1.05E+01	value
195	6	SOU195-065	Chromium	4.16E+01	mg/kg	Grid Value	5.52E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
195	6	SOU195-065	Nickel	8.13E+01	mg/kg	Grid Value	9.81E+01	value
195	6	SOU195-065	Silver	1.00E+01	mg/kg	Grid Value	1.00E+01	value
195	6	SOU195-065	Total PAH	1.26E-01	mg/kg	Avg	1.91E-01	value
195	6	SOU195-065	Cesium-137	1.42E-01	pCi/g	Avg	2.26E-01	value
195	6	SOU195-066	Arsenic	1.10E+01	mg/kg	Grid Value	1.05E+01	value
195	6	SOU195-066	Chromium	3.09E+01	mg/kg	Grid Value	5.52E+01	value
195	6	SOU195-066	Nickel	6.50E+01	mg/kg	Grid Value	9.81E+01	value
195	6	SOU195-066	Silver	1.00E+01	mg/kg	Grid Value	1.00E+01	value
195	6	SOU195-066	Total PAH	1.26E-01	mg/kg	Avg	1.91E-01	value
195	6	SOU195-066	Cesium-137	1.42E-01	pCi/g	Avg	2.26E-01	value
195	6	SOU195-079	Arsenic	5.70E+00	mg/kg	Grid Value	1.05E+01	value
195	6	SOU195-079	Chromium	3.52E+01	mg/kg	Grid Value	5.52E+01	value
195	6	SOU195-079	Nickel	1.13E+01	mg/kg	Grid Value	9.81E+01	value
195	6	SOU195-079	Silver	3.30E-02	mg/kg	Grid Value	1.00E+01	value
195	6	SOU195-079	Total PAH	2.48E-01	mg/kg	Grid Value	1.91E-01	value
195	6	SOU195-079	Cesium-137	2.98E-01	pCi/g	Grid Value	2.26E-01	value
195	6	SOU195-080	Arsenic	1.10E+01	mg/kg	Grid Value	1.05E+01	value
195	6	SOU195-080	Chromium	5.51E+01	mg/kg	Grid Value	5.52E+01	value
195	6	SOU195-080	Nickel	9.68E+01	mg/kg	Grid Value	9.81E+01	value
195	6	SOU195-080	Silver	1.00E+01	mg/kg	Grid Value	1.00E+01	value
195	6	SOU195-080	Total PAH	1.26E-01	mg/kg	Avg	1.91E-01	value
195	6	SOU195-080	Cesium-137	1.42E-01	pCi/g	Avg	2.26E-01	value
195	6	SOU195-081	Arsenic	8.78E+00	mg/kg	Grid Value	1.05E+01	value
195	6	SOU195-081	Chromium	5.96E+01	mg/kg	Grid Value	5.52E+01	value
195	6	SOU195-081	Nickel	6.50E+01	mg/kg	Grid Value	9.81E+01	value
195	6	SOU195-081	Silver	1.00E+01	mg/kg	Grid Value	1.00E+01	value
195	6	SOU195-081	Total PAH	1.26E-01	mg/kg	Avg	1.91E-01	value
195	6	SOU195-081	Cesium-137	1.42E-01	pCi/g	Avg	2.26E-01	value
195	6	SOU195-082	Arsenic	1.10E+01	mg/kg	Grid Value	1.05E+01	value
195	6	SOU195-082	Chromium	4.02E+01	mg/kg	Grid Value	5.52E+01	value
195	6	SOU195-082	Nickel	6.50E+01	mg/kg	Grid Value	9.81E+01	value
195	6	SOU195-082	Silver	1.00E+01	mg/kg	Grid Value	1.00E+01	value
195	6	SOU195-082	Total PAH	1.26E-01	mg/kg	Avg	1.91E-01	value
195	6	SOU195-082	Cesium-137	1.42E-01	pCi/g	Avg	2.26E-01	value
195	7	SOU195-052	Arsenic	1.10E+01	mg/kg	Grid Value	8.49E+00	value
195	7	SOU195-052	Chromium	3.70E+01	mg/kg	Grid Value	4.74E+01	value
195	7	SOU195-052	Cobalt	1.06E+01	mg/kg	Avg	1.13E+01	value
195	7	SOU195-052	Silver	1.00E+01	mg/kg	Grid Value	8.06E+00	value
195	7	SOU195-053	Arsenic	1.10E+01	mg/kg	Grid Value	8.49E+00	value
195	7	SOU195-053	Chromium	3.81E+01	mg/kg	Grid Value	4.74E+01	value
195	7	SOU195-053	Cobalt	1.06E+01	mg/kg	Avg	1.13E+01	value
195	7	SOU195-053	Silver	1.00E+01	mg/kg	Grid Value	8.06E+00	value
195	7	SOU195-054	Arsenic	6.96E+00	mg/kg	Grid Value	8.49E+00	value
195	7	SOU195-054	Chromium	3.42E+01	mg/kg	Grid Value	4.74E+01	value
195	7	SOU195-054	Cobalt	1.06E+01	mg/kg	Avg	1.13E+01	value
195	7	SOU195-054	Silver	1.00E+01	mg/kg	Grid Value	8.06E+00	value
195	7	SOU195-055	Arsenic	1.10E+01	mg/kg	Grid Value	8.49E+00	value
195	7	SOU195-055	Chromium	3.57E+01	mg/kg	Grid Value	4.74E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
195	7	SOU195-055	Cobalt	1.06E+01	mg/kg	Avg	1.13E+01	value
195	7	SOU195-055	Silver	1.00E+01	mg/kg	Grid Value	8.06E+00	value
195	7	SOU195-067	Arsenic	1.10E+01	mg/kg	Grid Value	8.49E+00	value
195	7	SOU195-067	Chromium	4.19E+01	mg/kg	Grid Value	4.74E+01	value
195	7	SOU195-067	Cobalt	1.06E+01	mg/kg	Avg	1.13E+01	value
195	7	SOU195-067	Silver	1.00E+01	mg/kg	Grid Value	8.06E+00	value
195	7	SOU195-068	Arsenic	6.60E+00	mg/kg	Grid Value	8.49E+00	value
195	7	SOU195-068	Chromium	3.60E+01	mg/kg	Grid Value	4.74E+01	value
195	7	SOU195-068	Cobalt	7.30E+00	mg/kg	Grid Value	1.13E+01	value
195	7	SOU195-068	Silver	3.40E-02	mg/kg	Grid Value	8.06E+00	value
195	7	SOU195-069	Arsenic	1.10E+01	mg/kg	Grid Value	8.49E+00	value
195	7	SOU195-069	Chromium	4.93E+01	mg/kg	Grid Value	4.74E+01	value
195	7	SOU195-069	Cobalt	1.06E+01	mg/kg	Avg	1.13E+01	value
195	7	SOU195-069	Silver	8.06E+00	mg/kg	Grid Value	8.06E+00	value
195	7	SOU195-070	Arsenic	8.49E+00	mg/kg	Grid Value	8.49E+00	value
195	7	SOU195-070	Chromium	5.73E+01	mg/kg	Grid Value	4.74E+01	value
195	7	SOU195-070	Cobalt	1.06E+01	mg/kg	Avg	1.13E+01	value
195	7	SOU195-070	Silver	1.00E+01	mg/kg	Grid Value	8.06E+00	value
195	7	SOU195-083	Arsenic	1.10E+01	mg/kg	Grid Value	8.49E+00	value
195	7	SOU195-083	Chromium	3.44E+01	mg/kg	Grid Value	4.74E+01	value
195	7	SOU195-083	Cobalt	1.06E+01	mg/kg	Avg	1.13E+01	value
195	7	SOU195-083	Silver	1.00E+01	mg/kg	Grid Value	8.06E+00	value
195	7	SOU195-084	Arsenic	1.10E+01	mg/kg	Grid Value	8.49E+00	value
195	7	SOU195-084	Chromium	3.67E+01	mg/kg	Grid Value	4.74E+01	value
195	7	SOU195-084	Cobalt	1.06E+01	mg/kg	Avg	1.13E+01	value
195	7	SOU195-084	Silver	1.00E+01	mg/kg	Grid Value	8.06E+00	value
195	7	SOU195-085	Arsenic	8.09E+00	mg/kg	Grid Value	8.49E+00	value
195	7	SOU195-085	Chromium	4.82E+01	mg/kg	Grid Value	4.74E+01	value
195	7	SOU195-085	Cobalt	1.39E+01	mg/kg	Grid Value	1.13E+01	value
195	7	SOU195-085	Silver	3.20E-02	mg/kg	Grid Value	8.06E+00	value
195	7	SOU195-086	Arsenic	1.10E+01	mg/kg	Grid Value	8.49E+00	value
195	7	SOU195-086	Chromium	6.15E+01	mg/kg	Grid Value	4.74E+01	value
195	7	SOU195-086	Cobalt	1.06E+01	mg/kg	Avg	1.13E+01	value
195	7	SOU195-086	Silver	1.00E+01	mg/kg	Grid Value	8.06E+00	value
195	8	SOU195-056	Arsenic	1.01E+01	mg/kg	Grid Value	1.12E+01	value
195	8	SOU195-056	Beryllium	5.80E-01	mg/kg	Grid Value	6.78E-01	value
195	8	SOU195-056	Chromium	6.56E+01	mg/kg	Grid Value	5.23E+01	value
195	8	SOU195-056	Cobalt	7.60E+00	mg/kg	Grid Value	1.41E+01	value
195	8	SOU195-056	Manganese	5.39E+02	mg/kg	Grid Value	6.90E+02	value
195	8	SOU195-056	Nickel	1.24E+01	mg/kg	Grid Value	8.93E+01	value
195	8	SOU195-056	Silver	8.51E+00	mg/kg	Grid Value	8.51E+00	value
195	8	SOU195-056	Total PAH	2.70E-02	mg/kg	Grid Value	1.42E-01	value
195	8	SOU195-056	Vanadium	3.16E+01	mg/kg	Grid Value	3.70E+01	value
195	8	SOU195-056	Cesium-137	4.60E-02	pCi/g	Grid Value	2.44E-01	value
195	8	SOU195-057	Arsenic	1.10E+01	mg/kg	Grid Value	1.12E+01	value
195	8	SOU195-057	Beryllium	6.60E-01	mg/kg	Avg	6.78E-01	value
195	8	SOU195-057	Chromium	3.36E+01	mg/kg	Grid Value	5.23E+01	value
195	8	SOU195-057	Cobalt	1.29E+01	mg/kg	Avg	1.41E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
195	8	SOU195-057	Manganese	2.18E+02	mg/kg	Grid Value	6.90E+02	value
195	8	SOU195-057	Nickel	6.50E+01	mg/kg	Grid Value	8.93E+01	value
195	8	SOU195-057	Silver	1.00E+01	mg/kg	Grid Value	8.51E+00	value
195	8	SOU195-057	Total PAH	1.21E-01	mg/kg	Avg	1.42E-01	value
195	8	SOU195-057	Vanadium	3.60E+01	mg/kg	Avg	3.70E+01	value
195	8	SOU195-057	Cesium-137	2.08E-01	pCi/g	Avg	2.44E-01	value
195	8	SOU195-058	Arsenic	1.10E+01	mg/kg	Grid Value	1.12E+01	value
195	8	SOU195-058	Beryllium	6.60E-01	mg/kg	Avg	6.78E-01	value
195	8	SOU195-058	Chromium	4.62E+01	mg/kg	Grid Value	5.23E+01	value
195	8	SOU195-058	Cobalt	1.29E+01	mg/kg	Avg	1.41E+01	value
195	8	SOU195-058	Manganese	2.47E+02	mg/kg	Grid Value	6.90E+02	value
195	8	SOU195-058	Nickel	6.97E+01	mg/kg	Grid Value	8.93E+01	value
195	8	SOU195-058	Silver	1.00E+01	mg/kg	Grid Value	8.51E+00	value
195	8	SOU195-058	Total PAH	1.21E-01	mg/kg	Avg	1.42E-01	value
195	8	SOU195-058	Vanadium	3.60E+01	mg/kg	Avg	3.70E+01	value
195	8	SOU195-058	Cesium-137	2.08E-01	pCi/g	Avg	2.44E-01	value
195	8	SOU195-059	Arsenic	1.10E+01	mg/kg	Grid Value	1.12E+01	value
195	8	SOU195-059	Beryllium	6.60E-01	mg/kg	Avg	6.78E-01	value
195	8	SOU195-059	Chromium	6.79E+01	mg/kg	Grid Value	5.23E+01	value
195	8	SOU195-059	Cobalt	1.29E+01	mg/kg	Avg	1.41E+01	value
195	8	SOU195-059	Manganese	1.59E+02	mg/kg	Grid Value	6.90E+02	value
195	8	SOU195-059	Nickel	6.50E+01	mg/kg	Grid Value	8.93E+01	value
195	8	SOU195-059	Silver	1.00E+01	mg/kg	Grid Value	8.51E+00	value
195	8	SOU195-059	Total PAH	1.21E-01	mg/kg	Avg	1.42E-01	value
195	8	SOU195-059	Vanadium	3.60E+01	mg/kg	Avg	3.70E+01	value
195	8	SOU195-059	Cesium-137	2.08E-01	pCi/g	Avg	2.44E-01	value
195	8	SOU195-071	Arsenic	8.00E+00	mg/kg	Grid Value	1.12E+01	value
195	8	SOU195-071	Beryllium	6.60E-01	mg/kg	Avg	6.78E-01	value
195	8	SOU195-071	Chromium	4.49E+01	mg/kg	Grid Value	5.23E+01	value
195	8	SOU195-071	Cobalt	1.29E+01	mg/kg	Avg	1.41E+01	value
195	8	SOU195-071	Manganese	3.08E+02	mg/kg	Grid Value	6.90E+02	value
195	8	SOU195-071	Nickel	6.50E+01	mg/kg	Grid Value	8.93E+01	value
195	8	SOU195-071	Silver	1.00E+01	mg/kg	Grid Value	8.51E+00	value
195	8	SOU195-071	Total PAH	1.21E-01	mg/kg	Avg	1.42E-01	value
195	8	SOU195-071	Vanadium	3.60E+01	mg/kg	Avg	3.70E+01	value
195	8	SOU195-071	Cesium-137	2.08E-01	pCi/g	Avg	2.44E-01	value
195	8	SOU195-072	Arsenic	8.40E+00	mg/kg	Grid Value	1.12E+01	value
195	8	SOU195-072	Beryllium	6.60E-01	mg/kg	Avg	6.78E-01	value
195	8	SOU195-072	Chromium	4.12E+01	mg/kg	Grid Value	5.23E+01	value
195	8	SOU195-072	Cobalt	1.29E+01	mg/kg	Avg	1.41E+01	value
195	8	SOU195-072	Manganese	2.44E+02	mg/kg	Grid Value	6.90E+02	value
195	8	SOU195-072	Nickel	9.11E+01	mg/kg	Grid Value	8.93E+01	value
195	8	SOU195-072	Silver	1.00E+01	mg/kg	Grid Value	8.51E+00	value
195	8	SOU195-072	Total PAH	1.21E-01	mg/kg	Avg	1.42E-01	value
195	8	SOU195-072	Vanadium	3.60E+01	mg/kg	Avg	3.70E+01	value
195	8	SOU195-072	Cesium-137	2.08E-01	pCi/g	Avg	2.44E-01	value
195	8	SOU195-073	Arsenic	1.38E+01	mg/kg	Grid Value	1.12E+01	value
195	8	SOU195-073	Beryllium	7.40E-01	mg/kg	Grid Value	6.78E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
195	8	SOU195-073	Chromium	1.77E+01	mg/kg	Grid Value	5.23E+01	value
195	8	SOU195-073	Cobalt	1.82E+01	mg/kg	Grid Value	1.41E+01	value
195	8	SOU195-073	Manganese	1.18E+03	mg/kg	Grid Value	6.90E+02	value
195	8	SOU195-073	Nickel	1.88E+01	mg/kg	Grid Value	8.93E+01	value
195	8	SOU195-073	Silver	3.30E-02	mg/kg	Grid Value	8.51E+00	value
195	8	SOU195-073	Total PAH	2.16E-01	mg/kg	Grid Value	1.42E-01	value
195	8	SOU195-073	Vanadium	4.04E+01	mg/kg	Grid Value	3.70E+01	value
195	8	SOU195-073	Cesium-137	3.70E-01	pCi/g	Grid Value	2.44E-01	value
195	8	SOU195-074	Arsenic	9.13E+00	mg/kg	Grid Value	1.12E+01	value
195	8	SOU195-074	Beryllium	6.60E-01	mg/kg	Avg	6.78E-01	value
195	8	SOU195-074	Chromium	5.88E+01	mg/kg	Grid Value	5.23E+01	value
195	8	SOU195-074	Cobalt	1.29E+01	mg/kg	Avg	1.41E+01	value
195	8	SOU195-074	Manganese	1.87E+02	mg/kg	Grid Value	6.90E+02	value
195	8	SOU195-074	Nickel	6.50E+01	mg/kg	Grid Value	8.93E+01	value
195	8	SOU195-074	Silver	1.00E+01	mg/kg	Grid Value	8.51E+00	value
195	8	SOU195-074	Total PAH	1.21E-01	mg/kg	Avg	1.42E-01	value
195	8	SOU195-074	Vanadium	3.60E+01	mg/kg	Avg	3.70E+01	value
195	8	SOU195-074	Cesium-137	2.08E-01	pCi/g	Avg	2.44E-01	value
195	8	SOU195-087	Arsenic	8.19E+00	mg/kg	Grid Value	1.12E+01	value
195	8	SOU195-087	Beryllium	6.60E-01	mg/kg	Avg	6.78E-01	value
195	8	SOU195-087	Chromium	3.99E+01	mg/kg	Grid Value	5.23E+01	value
195	8	SOU195-087	Cobalt	1.29E+01	mg/kg	Avg	1.41E+01	value
195	8	SOU195-087	Manganese	2.67E+02	mg/kg	Grid Value	6.90E+02	value
195	8	SOU195-087	Nickel	6.50E+01	mg/kg	Grid Value	8.93E+01	value
195	8	SOU195-087	Silver	1.00E+01	mg/kg	Grid Value	8.51E+00	value
195	8	SOU195-087	Total PAH	1.21E-01	mg/kg	Avg	1.42E-01	value
195	8	SOU195-087	Vanadium	3.60E+01	mg/kg	Avg	3.70E+01	value
195	8	SOU195-087	Cesium-137	2.08E-01	pCi/g	Avg	2.44E-01	value
195	8	SOU195-088	Arsenic	1.10E+01	mg/kg	Grid Value	1.12E+01	value
195	8	SOU195-088	Beryllium	6.60E-01	mg/kg	Avg	6.78E-01	value
195	8	SOU195-088	Chromium	4.41E+01	mg/kg	Grid Value	5.23E+01	value
195	8	SOU195-088	Cobalt	1.29E+01	mg/kg	Avg	1.41E+01	value
195	8	SOU195-088	Manganese	1.68E+02	mg/kg	Grid Value	6.90E+02	value
195	8	SOU195-088	Nickel	8.17E+01	mg/kg	Grid Value	8.93E+01	value
195	8	SOU195-088	Silver	1.00E+01	mg/kg	Grid Value	8.51E+00	value
195	8	SOU195-088	Total PAH	1.21E-01	mg/kg	Avg	1.42E-01	value
195	8	SOU195-088	Vanadium	3.60E+01	mg/kg	Avg	3.70E+01	value
195	8	SOU195-088	Cesium-137	2.08E-01	pCi/g	Avg	2.44E-01	value
195	8	SOU195-089	Arsenic	1.10E+01	mg/kg	Grid Value	1.12E+01	value
195	8	SOU195-089	Beryllium	6.60E-01	mg/kg	Avg	6.78E-01	value
195	8	SOU195-089	Chromium	4.23E+01	mg/kg	Grid Value	5.23E+01	value
195	8	SOU195-089	Cobalt	1.29E+01	mg/kg	Avg	1.41E+01	value
195	8	SOU195-089	Manganese	2.45E+02	mg/kg	Grid Value	6.90E+02	value
195	8	SOU195-089	Nickel	6.50E+01	mg/kg	Grid Value	8.93E+01	value
195	8	SOU195-089	Silver	1.00E+01	mg/kg	Grid Value	8.51E+00	value
195	8	SOU195-089	Total PAH	1.21E-01	mg/kg	Avg	1.42E-01	value
195	8	SOU195-089	Vanadium	3.60E+01	mg/kg	Avg	3.70E+01	value
195	8	SOU195-089	Cesium-137	2.08E-01	pCi/g	Avg	2.44E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
195	8	SOU195-090	Arsenic	1.10E+01	mg/kg	Grid Value	1.12E+01	value
195	8	SOU195-090	Beryllium	6.60E-01	mg/kg	Avg	6.78E-01	value
195	8	SOU195-090	Chromium	3.90E+01	mg/kg	Grid Value	5.23E+01	value
195	8	SOU195-090	Cobalt	1.29E+01	mg/kg	Avg	1.41E+01	value
195	8	SOU195-090	Manganese	2.16E+02	mg/kg	Grid Value	6.90E+02	value
195	8	SOU195-090	Nickel	6.50E+01	mg/kg	Grid Value	8.93E+01	value
195	8	SOU195-090	Silver	1.00E+01	mg/kg	Grid Value	8.51E+00	value
195	8	SOU195-090	Total PAH	1.21E-01	mg/kg	Avg	1.42E-01	value
195	8	SOU195-090	Vanadium	3.60E+01	mg/kg	Avg	3.70E+01	value
195	8	SOU195-090	Cesium-137	2.08E-01	pCi/g	Avg	2.44E-01	value
195	9	SOU195-091	Arsenic	7.14E+00	mg/kg	Grid Value	1.03E+01	maximum value
195	9	SOU195-091	Chromium	4.58E+01	mg/kg	Grid Value	6.08E+01	maximum value
195	9	SOU195-091	Nickel	6.50E+01	mg/kg	Grid Value	9.12E+01	maximum value
195	9	SOU195-091	Silver	1.00E+01	mg/kg	Grid Value	9.33E+00	maximum value
195	9	SOU195-092	Arsenic	8.73E+00	mg/kg	Grid Value	1.03E+01	maximum value
195	9	SOU195-092	Chromium	5.30E+01	mg/kg	Grid Value	6.08E+01	maximum value
195	9	SOU195-092	Nickel	6.50E+01	mg/kg	Grid Value	9.12E+01	maximum value
195	9	SOU195-092	Silver	1.00E+01	mg/kg	Grid Value	9.33E+00	maximum value
195	9	SOU195-093	Arsenic	1.01E+01	mg/kg	Grid Value	1.03E+01	maximum value
195	9	SOU195-093	Chromium	6.08E+01	mg/kg	Grid Value	6.08E+01	maximum value
195	9	SOU195-093	Nickel	9.12E+01	mg/kg	Grid Value	9.12E+01	maximum value
195	9	SOU195-093	Silver	1.00E+01	mg/kg	Grid Value	9.33E+00	maximum value
195	9	SOU195-106	Arsenic	1.10E+01	mg/kg	Grid Value	1.03E+01	maximum value
195	9	SOU195-106	Chromium	3.15E+01	mg/kg	Grid Value	6.08E+01	maximum value
195	9	SOU195-106	Nickel	6.50E+01	mg/kg	Grid Value	9.12E+01	maximum value
195	9	SOU195-106	Silver	1.00E+01	mg/kg	Grid Value	9.33E+00	maximum value
195	9	SOU195-107	Arsenic	1.03E+01	mg/kg	Grid Value	1.03E+01	maximum value
195	9	SOU195-107	Chromium	3.59E+01	mg/kg	Grid Value	6.08E+01	maximum value
195	9	SOU195-107	Nickel	1.28E+01	mg/kg	Grid Value	9.12E+01	maximum value
195	9	SOU195-107	Silver	9.33E+00	mg/kg	Grid Value	9.33E+00	maximum value
195	9	SOU195-108	Arsenic	1.10E+01	mg/kg	Grid Value	1.03E+01	maximum value
195	9	SOU195-108	Chromium	4.75E+01	mg/kg	Grid Value	6.08E+01	maximum value
195	9	SOU195-108	Nickel	7.92E+01	mg/kg	Grid Value	9.12E+01	maximum value
195	9	SOU195-108	Silver	1.00E+01	mg/kg	Grid Value	9.33E+00	maximum value
195	9	SOU195-121	Arsenic	6.69E+00	mg/kg	Grid Value	1.03E+01	maximum value
195	9	SOU195-121	Chromium	3.66E+01	mg/kg	Grid Value	6.08E+01	maximum value
195	9	SOU195-121	Nickel	7.93E+01	mg/kg	Grid Value	9.12E+01	maximum value
195	9	SOU195-121	Silver	4.50E-02	mg/kg	Grid Value	9.33E+00	maximum value
195	9	SOU195-122	Arsenic	1.10E+01	mg/kg	Grid Value	1.03E+01	maximum value
195	9	SOU195-122	Chromium	4.42E+01	mg/kg	Grid Value	6.08E+01	maximum value
195	9	SOU195-122	Nickel	6.50E+01	mg/kg	Grid Value	9.12E+01	maximum value
195	9	SOU195-122	Silver	1.00E+01	mg/kg	Grid Value	9.33E+00	maximum value
195	9	SOU195-123	Arsenic	6.60E+00	mg/kg	Grid Value	1.03E+01	maximum value
195	9	SOU195-123	Chromium	3.87E+01	mg/kg	Grid Value	6.08E+01	maximum value
195	9	SOU195-123	Nickel	6.50E+01	mg/kg	Grid Value	9.12E+01	maximum value
195	9	SOU195-123	Silver	1.00E+01	mg/kg	Grid Value	9.33E+00	maximum value
195	10	SOU195-094	Arsenic	7.91E+00	mg/kg	Grid Value	9.83E+00	value
195	10	SOU195-094	Chromium	4.08E+01	mg/kg	Grid Value	4.29E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
195	10	SOU195-094	Manganese	8.92E+02	mg/kg	Grid Value	3.79E+02	value
195	10	SOU195-094	Nickel	6.50E+01	mg/kg	Grid Value	7.98E+01	value
195	10	SOU195-094	Silver	1.29E+01	mg/kg	Grid Value	1.31E+01	value
195	10	SOU195-095	Arsenic	9.62E+00	mg/kg	Grid Value	9.83E+00	value
195	10	SOU195-095	Chromium	3.71E+01	mg/kg	Grid Value	4.29E+01	value
195	10	SOU195-095	Manganese	1.70E+02	mg/kg	Grid Value	3.79E+02	value
195	10	SOU195-095	Nickel	6.50E+01	mg/kg	Grid Value	7.98E+01	value
195	10	SOU195-095	Silver	1.00E+01	mg/kg	Grid Value	1.31E+01	value
195	10	SOU195-096	Arsenic	1.10E+01	mg/kg	Grid Value	9.83E+00	value
195	10	SOU195-096	Chromium	3.79E+01	mg/kg	Grid Value	4.29E+01	value
195	10	SOU195-096	Manganese	8.36E+01	mg/kg	Grid Value	3.79E+02	value
195	10	SOU195-096	Nickel	6.50E+01	mg/kg	Grid Value	7.98E+01	value
195	10	SOU195-096	Silver	1.00E+01	mg/kg	Grid Value	1.31E+01	value
195	10	SOU195-097	Arsenic	1.10E+01	mg/kg	Grid Value	9.83E+00	value
195	10	SOU195-097	Chromium	3.80E+01	mg/kg	Grid Value	4.29E+01	value
195	10	SOU195-097	Manganese	1.87E+02	mg/kg	Grid Value	3.79E+02	value
195	10	SOU195-097	Nickel	6.50E+01	mg/kg	Grid Value	7.98E+01	value
195	10	SOU195-097	Silver	1.00E+01	mg/kg	Grid Value	1.31E+01	value
195	10	SOU195-109	Arsenic	1.10E+01	mg/kg	Grid Value	9.83E+00	value
195	10	SOU195-109	Chromium	5.50E+01	mg/kg	Grid Value	4.29E+01	value
195	10	SOU195-109	Manganese	2.81E+02	mg/kg	Grid Value	3.79E+02	value
195	10	SOU195-109	Nickel	6.50E+01	mg/kg	Grid Value	7.98E+01	value
195	10	SOU195-109	Silver	1.00E+01	mg/kg	Grid Value	1.31E+01	value
195	10	SOU195-110	Arsenic	1.10E+01	mg/kg	Grid Value	9.83E+00	value
195	10	SOU195-110	Chromium	3.91E+01	mg/kg	Grid Value	4.29E+01	value
195	10	SOU195-110	Manganese	1.80E+02	mg/kg	Grid Value	3.79E+02	value
195	10	SOU195-110	Nickel	6.50E+01	mg/kg	Grid Value	7.98E+01	value
195	10	SOU195-110	Silver	1.31E+01	mg/kg	Grid Value	1.31E+01	value
195	10	SOU195-111	Arsenic	1.10E+01	mg/kg	Grid Value	9.83E+00	value
195	10	SOU195-111	Chromium	4.51E+01	mg/kg	Grid Value	4.29E+01	value
195	10	SOU195-111	Manganese	1.85E+02	mg/kg	Grid Value	3.79E+02	value
195	10	SOU195-111	Nickel	7.40E+01	mg/kg	Grid Value	7.98E+01	value
195	10	SOU195-111	Silver	1.00E+01	mg/kg	Grid Value	1.31E+01	value
195	10	SOU195-112	Arsenic	5.30E+00	mg/kg	Grid Value	9.83E+00	value
195	10	SOU195-112	Chromium	1.15E+01	mg/kg	Grid Value	4.29E+01	value
195	10	SOU195-112	Manganese	2.95E+02	mg/kg	Grid Value	3.79E+02	value
195	10	SOU195-112	Nickel	9.20E+00	mg/kg	Grid Value	7.98E+01	value
195	10	SOU195-112	Silver	5.20E-02	mg/kg	Grid Value	1.31E+01	value
195	10	SOU195-124	Arsenic	9.83E+00	mg/kg	Grid Value	9.83E+00	value
195	10	SOU195-124	Chromium	4.63E+01	mg/kg	Grid Value	4.29E+01	value
195	10	SOU195-124	Manganese	1.67E+02	mg/kg	Grid Value	3.79E+02	value
195	10	SOU195-124	Nickel	6.50E+01	mg/kg	Grid Value	7.98E+01	value
195	10	SOU195-124	Silver	1.00E+01	mg/kg	Grid Value	1.31E+01	value
195	10	SOU195-125	Arsenic	2.80E+00	mg/kg	Grid Value	9.83E+00	value
195	10	SOU195-125	Chromium	3.28E+01	mg/kg	Grid Value	4.29E+01	value
195	10	SOU195-125	Manganese	2.10E+02	mg/kg	Grid Value	3.79E+02	value
195	10	SOU195-125	Nickel	7.98E+01	mg/kg	Grid Value	7.98E+01	value
195	10	SOU195-125	Silver	5.10E-02	mg/kg	Grid Value	1.31E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
195	10	SOU195-126	Arsenic	9.48E+00	mg/kg	Grid Value	9.83E+00	value
195	10	SOU195-126	Chromium	3.42E+01	mg/kg	Grid Value	4.29E+01	value
195	10	SOU195-126	Manganese	2.44E+02	mg/kg	Grid Value	3.79E+02	value
195	10	SOU195-126	Nickel	6.50E+01	mg/kg	Grid Value	7.98E+01	value
195	10	SOU195-126	Silver	1.00E+01	mg/kg	Grid Value	1.31E+01	value
195	10	SOU195-127	Arsenic	8.01E+00	mg/kg	Grid Value	9.83E+00	value
195	10	SOU195-127	Chromium	3.16E+01	mg/kg	Grid Value	4.29E+01	value
195	10	SOU195-127	Manganese	2.94E+02	mg/kg	Grid Value	3.79E+02	value
195	10	SOU195-127	Nickel	6.50E+01	mg/kg	Grid Value	7.98E+01	value
195	10	SOU195-127	Silver	1.00E+01	mg/kg	Grid Value	1.31E+01	value
195	11	SOU195-098	Aluminum	5.55E+03	mg/kg	Grid Value	1.93E+04	value
195	11	SOU195-098	Arsenic	7.59E+00	mg/kg	Grid Value	1.30E+01	value
195	11	SOU195-098	Barium	1.05E+02	mg/kg	Grid Value	3.18E+02	value
195	11	SOU195-098	Chromium	6.54E+01	mg/kg	Grid Value	5.67E+01	value
195	11	SOU195-098	Cobalt	4.50E+00	mg/kg	Grid Value	1.87E+01	value
195	11	SOU195-098	Iron	1.80E+04	mg/kg	Grid Value	2.10E+04	value
195	11	SOU195-098	Manganese	2.98E+02	mg/kg	Grid Value	5.25E+02	value
195	11	SOU195-098	Nickel	6.90E+00	mg/kg	Grid Value	8.37E+01	value
195	11	SOU195-098	Silver	5.10E-02	mg/kg	Grid Value	8.26E+00	value
195	11	SOU195-098	Thallium	1.10E-01	mg/kg	Grid Value	4.46E-01	value
195	11	SOU195-098	Total PAH	4.09E-02	mg/kg	Grid Value	2.83E-02	value
195	11	SOU195-098	Vanadium	1.75E+01	mg/kg	Grid Value	5.55E+01	value
195	11	SOU195-098	Cesium-137	3.80E-02	pCi/g	Grid Value	2.13E-01	value
195	11	SOU195-099	Aluminum	1.68E+04	mg/kg	Avg	1.93E+04	value
195	11	SOU195-099	Arsenic	1.10E+01	mg/kg	Grid Value	1.30E+01	value
195	11	SOU195-099	Barium	2.79E+02	mg/kg	Avg	3.18E+02	value
195	11	SOU195-099	Chromium	4.22E+01	mg/kg	Grid Value	5.67E+01	value
195	11	SOU195-099	Cobalt	1.61E+01	mg/kg	Avg	1.87E+01	value
195	11	SOU195-099	Iron	1.02E+04	mg/kg	Grid Value	2.10E+04	value
195	11	SOU195-099	Manganese	1.14E+02	mg/kg	Grid Value	5.25E+02	value
195	11	SOU195-099	Nickel	6.50E+01	mg/kg	Grid Value	8.37E+01	value
195	11	SOU195-099	Silver	1.00E+01	mg/kg	Grid Value	8.26E+00	value
195	11	SOU195-099	Thallium	3.85E-01	mg/kg	Avg	4.46E-01	value
195	11	SOU195-099	Total PAH	2.47E-02	mg/kg	Avg	2.83E-02	value
195	11	SOU195-099	Vanadium	4.86E+01	mg/kg	Avg	5.55E+01	value
195	11	SOU195-099	Cesium-137	1.82E-01	pCi/g	Avg	2.13E-01	value
195	11	SOU195-100	Aluminum	1.68E+04	mg/kg	Avg	1.93E+04	value
195	11	SOU195-100	Arsenic	1.10E+01	mg/kg	Grid Value	1.30E+01	value
195	11	SOU195-100	Barium	2.79E+02	mg/kg	Avg	3.18E+02	value
195	11	SOU195-100	Chromium	3.88E+01	mg/kg	Grid Value	5.67E+01	value
195	11	SOU195-100	Cobalt	1.61E+01	mg/kg	Avg	1.87E+01	value
195	11	SOU195-100	Iron	1.17E+04	mg/kg	Grid Value	2.10E+04	value
195	11	SOU195-100	Manganese	3.74E+02	mg/kg	Grid Value	5.25E+02	value
195	11	SOU195-100	Nickel	6.50E+01	mg/kg	Grid Value	8.37E+01	value
195	11	SOU195-100	Silver	8.26E+00	mg/kg	Grid Value	8.26E+00	value
195	11	SOU195-100	Thallium	3.85E-01	mg/kg	Avg	4.46E-01	value
195	11	SOU195-100	Total PAH	2.47E-02	mg/kg	Avg	2.83E-02	value
195	11	SOU195-100	Vanadium	4.86E+01	mg/kg	Avg	5.55E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
195	11	SOU195-100	Cesium-137	1.82E-01	pCi/g	Avg	2.13E-01	value
195	11	SOU195-101	Aluminum	1.68E+04	mg/kg	Avg	1.93E+04	value
195	11	SOU195-101	Arsenic	1.10E+01	mg/kg	Grid Value	1.30E+01	value
195	11	SOU195-101	Barium	2.79E+02	mg/kg	Avg	3.18E+02	value
195	11	SOU195-101	Chromium	4.57E+01	mg/kg	Grid Value	5.67E+01	value
195	11	SOU195-101	Cobalt	1.61E+01	mg/kg	Avg	1.87E+01	value
195	11	SOU195-101	Iron	1.16E+04	mg/kg	Grid Value	2.10E+04	value
195	11	SOU195-101	Manganese	2.77E+02	mg/kg	Grid Value	5.25E+02	value
195	11	SOU195-101	Nickel	6.50E+01	mg/kg	Grid Value	8.37E+01	value
195	11	SOU195-101	Silver	1.00E+01	mg/kg	Grid Value	8.26E+00	value
195	11	SOU195-101	Thallium	3.85E-01	mg/kg	Avg	4.46E-01	value
195	11	SOU195-101	Total PAH	2.47E-02	mg/kg	Avg	2.83E-02	value
195	11	SOU195-101	Vanadium	4.86E+01	mg/kg	Avg	5.55E+01	value
195	11	SOU195-101	Cesium-137	1.82E-01	pCi/g	Avg	2.13E-01	value
195	11	SOU195-113	Aluminum	1.68E+04	mg/kg	Avg	1.93E+04	value
195	11	SOU195-113	Arsenic	8.62E+00	mg/kg	Grid Value	1.30E+01	value
195	11	SOU195-113	Barium	2.79E+02	mg/kg	Avg	3.18E+02	value
195	11	SOU195-113	Chromium	3.71E+01	mg/kg	Grid Value	5.67E+01	value
195	11	SOU195-113	Cobalt	1.61E+01	mg/kg	Avg	1.87E+01	value
195	11	SOU195-113	Iron	1.56E+04	mg/kg	Grid Value	2.10E+04	value
195	11	SOU195-113	Manganese	3.00E+02	mg/kg	Grid Value	5.25E+02	value
195	11	SOU195-113	Nickel	6.50E+01	mg/kg	Grid Value	8.37E+01	value
195	11	SOU195-113	Silver	1.00E+01	mg/kg	Grid Value	8.26E+00	value
195	11	SOU195-113	Thallium	3.85E-01	mg/kg	Avg	4.46E-01	value
195	11	SOU195-113	Total PAH	2.47E-02	mg/kg	Avg	2.83E-02	value
195	11	SOU195-113	Vanadium	4.86E+01	mg/kg	Avg	5.55E+01	value
195	11	SOU195-113	Cesium-137	1.82E-01	pCi/g	Avg	2.13E-01	value
195	11	SOU195-114	Aluminum	1.68E+04	mg/kg	Avg	1.93E+04	value
195	11	SOU195-114	Arsenic	8.02E+00	mg/kg	Grid Value	1.30E+01	value
195	11	SOU195-114	Barium	2.79E+02	mg/kg	Avg	3.18E+02	value
195	11	SOU195-114	Chromium	3.98E+01	mg/kg	Grid Value	5.67E+01	value
195	11	SOU195-114	Cobalt	1.61E+01	mg/kg	Avg	1.87E+01	value
195	11	SOU195-114	Iron	1.12E+04	mg/kg	Grid Value	2.10E+04	value
195	11	SOU195-114	Manganese	1.67E+02	mg/kg	Grid Value	5.25E+02	value
195	11	SOU195-114	Nickel	8.38E+01	mg/kg	Grid Value	8.37E+01	value
195	11	SOU195-114	Silver	1.00E+01	mg/kg	Grid Value	8.26E+00	value
195	11	SOU195-114	Thallium	3.85E-01	mg/kg	Avg	4.46E-01	value
195	11	SOU195-114	Total PAH	2.47E-02	mg/kg	Avg	2.83E-02	value
195	11	SOU195-114	Vanadium	4.86E+01	mg/kg	Avg	5.55E+01	value
195	11	SOU195-114	Cesium-137	1.82E-01	pCi/g	Avg	2.13E-01	value
195	11	SOU195-115	Aluminum	2.81E+04	mg/kg	Grid Value	1.93E+04	value
195	11	SOU195-115	Arsenic	2.46E+01	mg/kg	Grid Value	1.30E+01	value
195	11	SOU195-115	Barium	4.53E+02	mg/kg	Grid Value	3.18E+02	value
195	11	SOU195-115	Chromium	5.05E+01	mg/kg	Grid Value	5.67E+01	value
195	11	SOU195-115	Cobalt	2.77E+01	mg/kg	Grid Value	1.87E+01	value
195	11	SOU195-115	Iron	4.60E+04	mg/kg	Grid Value	2.10E+04	value
195	11	SOU195-115	Manganese	1.27E+03	mg/kg	Grid Value	5.25E+02	value
195	11	SOU195-115	Nickel	3.89E+01	mg/kg	Grid Value	8.37E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
195	11	SOU195-115	Silver	2.40E-01	mg/kg	Grid Value	8.26E+00	value
195	11	SOU195-115	Thallium	6.60E-01	mg/kg	Grid Value	4.46E-01	value
195	11	SOU195-115	Total PAH	8.50E-03	mg/kg	Grid Value	2.83E-02	value
195	11	SOU195-115	Vanadium	7.97E+01	mg/kg	Grid Value	5.55E+01	value
195	11	SOU195-115	Cesium-137	3.25E-01	pCi/g	Grid Value	2.13E-01	value
195	11	SOU195-116	Aluminum	1.68E+04	mg/kg	Avg	1.93E+04	value
195	11	SOU195-116	Arsenic	7.77E+00	mg/kg	Grid Value	1.30E+01	value
195	11	SOU195-116	Barium	2.79E+02	mg/kg	Avg	3.18E+02	value
195	11	SOU195-116	Chromium	4.13E+01	mg/kg	Grid Value	5.67E+01	value
195	11	SOU195-116	Cobalt	1.61E+01	mg/kg	Avg	1.87E+01	value
195	11	SOU195-116	Iron	1.74E+04	mg/kg	Grid Value	2.10E+04	value
195	11	SOU195-116	Manganese	2.44E+02	mg/kg	Grid Value	5.25E+02	value
195	11	SOU195-116	Nickel	6.50E+01	mg/kg	Grid Value	8.37E+01	value
195	11	SOU195-116	Silver	1.00E+01	mg/kg	Grid Value	8.26E+00	value
195	11	SOU195-116	Thallium	3.85E-01	mg/kg	Avg	4.46E-01	value
195	11	SOU195-116	Total PAH	2.47E-02	mg/kg	Avg	2.83E-02	value
195	11	SOU195-116	Vanadium	4.86E+01	mg/kg	Avg	5.55E+01	value
195	11	SOU195-116	Cesium-137	1.82E-01	pCi/g	Avg	2.13E-01	value
195	11	SOU195-128	Aluminum	1.68E+04	mg/kg	Avg	1.93E+04	value
195	11	SOU195-128	Arsenic	7.54E+00	mg/kg	Grid Value	1.30E+01	value
195	11	SOU195-128	Barium	2.79E+02	mg/kg	Avg	3.18E+02	value
195	11	SOU195-128	Chromium	5.33E+01	mg/kg	Grid Value	5.67E+01	value
195	11	SOU195-128	Cobalt	1.61E+01	mg/kg	Avg	1.87E+01	value
195	11	SOU195-128	Iron	1.53E+04	mg/kg	Grid Value	2.10E+04	value
195	11	SOU195-128	Manganese	2.64E+02	mg/kg	Grid Value	5.25E+02	value
195	11	SOU195-128	Nickel	6.50E+01	mg/kg	Grid Value	8.37E+01	value
195	11	SOU195-128	Silver	1.00E+01	mg/kg	Grid Value	8.26E+00	value
195	11	SOU195-128	Thallium	3.85E-01	mg/kg	Avg	4.46E-01	value
195	11	SOU195-128	Total PAH	2.47E-02	mg/kg	Avg	2.83E-02	value
195	11	SOU195-128	Vanadium	4.86E+01	mg/kg	Avg	5.55E+01	value
195	11	SOU195-128	Cesium-137	1.82E-01	pCi/g	Avg	2.13E-01	value
195	11	SOU195-129	Aluminum	1.68E+04	mg/kg	Avg	1.93E+04	value
195	11	SOU195-129	Arsenic	1.00E+01	mg/kg	Grid Value	1.30E+01	value
195	11	SOU195-129	Barium	2.79E+02	mg/kg	Avg	3.18E+02	value
195	11	SOU195-129	Chromium	4.67E+01	mg/kg	Grid Value	5.67E+01	value
195	11	SOU195-129	Cobalt	1.61E+01	mg/kg	Avg	1.87E+01	value
195	11	SOU195-129	Iron	1.18E+04	mg/kg	Grid Value	2.10E+04	value
195	11	SOU195-129	Manganese	5.09E+02	mg/kg	Grid Value	5.25E+02	value
195	11	SOU195-129	Nickel	6.50E+01	mg/kg	Grid Value	8.37E+01	value
195	11	SOU195-129	Silver	1.00E+01	mg/kg	Grid Value	8.26E+00	value
195	11	SOU195-129	Thallium	3.85E-01	mg/kg	Avg	4.46E-01	value
195	11	SOU195-129	Total PAH	2.47E-02	mg/kg	Avg	2.83E-02	value
195	11	SOU195-129	Vanadium	4.86E+01	mg/kg	Avg	5.55E+01	value
195	11	SOU195-129	Cesium-137	1.82E-01	pCi/g	Avg	2.13E-01	value
195	11	SOU195-130	Aluminum	1.68E+04	mg/kg	Avg	1.93E+04	value
195	11	SOU195-130	Arsenic	1.10E+01	mg/kg	Grid Value	1.30E+01	value
195	11	SOU195-130	Barium	2.79E+02	mg/kg	Avg	3.18E+02	value
195	11	SOU195-130	Chromium	8.50E+01	mg/kg	Grid Value	5.67E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
195	11	SOU195-130	Cobalt	1.61E+01	mg/kg	Avg	1.87E+01	value
195	11	SOU195-130	Iron	1.14E+04	mg/kg	Grid Value	2.10E+04	value
195	11	SOU195-130	Manganese	1.88E+02	mg/kg	Grid Value	5.25E+02	value
195	11	SOU195-130	Nickel	6.50E+01	mg/kg	Grid Value	8.37E+01	value
195	11	SOU195-130	Silver	1.00E+01	mg/kg	Grid Value	8.26E+00	value
195	11	SOU195-130	Thallium	3.85E-01	mg/kg	Avg	4.46E-01	value
195	11	SOU195-130	Total PAH	2.47E-02	mg/kg	Avg	2.83E-02	value
195	11	SOU195-130	Vanadium	4.86E+01	mg/kg	Avg	5.55E+01	value
195	11	SOU195-130	Cesium-137	1.82E-01	pCi/g	Avg	2.13E-01	value
195	11	SOU195-131	Aluminum	1.68E+04	mg/kg	Avg	1.93E+04	value
195	11	SOU195-131	Arsenic	8.17E+00	mg/kg	Grid Value	1.30E+01	value
195	11	SOU195-131	Barium	2.79E+02	mg/kg	Avg	3.18E+02	value
195	11	SOU195-131	Chromium	4.89E+01	mg/kg	Grid Value	5.67E+01	value
195	11	SOU195-131	Cobalt	1.61E+01	mg/kg	Avg	1.87E+01	value
195	11	SOU195-131	Iron	1.09E+04	mg/kg	Grid Value	2.10E+04	value
195	11	SOU195-131	Manganese	3.68E+02	mg/kg	Grid Value	5.25E+02	value
195	11	SOU195-131	Nickel	6.50E+01	mg/kg	Grid Value	8.37E+01	value
195	11	SOU195-131	Silver	1.00E+01	mg/kg	Grid Value	8.26E+00	value
195	11	SOU195-131	Thallium	3.85E-01	mg/kg	Avg	4.46E-01	value
195	11	SOU195-131	Total PAH	2.47E-02	mg/kg	Avg	2.83E-02	value
195	11	SOU195-131	Vanadium	4.86E+01	mg/kg	Avg	5.55E+01	value
195	11	SOU195-131	Cesium-137	1.82E-01	pCi/g	Avg	2.13E-01	value
195	12	SOU195-102	Arsenic	1.10E+01	mg/kg	Grid Value	1.08E+01	value
195	12	SOU195-102	Beryllium	6.00E-01	mg/kg	Avg	6.22E-01	value
195	12	SOU195-102	Chromium	4.34E+01	mg/kg	Grid Value	6.45E+01	value
195	12	SOU195-102	Manganese	9.79E+02	mg/kg	Grid Value	4.77E+02	value
195	12	SOU195-102	Nickel	8.32E+01	mg/kg	Grid Value	9.19E+01	value
195	12	SOU195-102	Vanadium	3.53E+01	mg/kg	Avg	3.68E+01	value
195	12	SOU195-103	Arsenic	1.10E+01	mg/kg	Grid Value	1.08E+01	value
195	12	SOU195-103	Beryllium	6.00E-01	mg/kg	Avg	6.22E-01	value
195	12	SOU195-103	Chromium	4.82E+01	mg/kg	Grid Value	6.45E+01	value
195	12	SOU195-103	Manganese	3.84E+02	mg/kg	Grid Value	4.77E+02	value
195	12	SOU195-103	Nickel	6.50E+01	mg/kg	Grid Value	9.19E+01	value
195	12	SOU195-103	Vanadium	3.53E+01	mg/kg	Avg	3.68E+01	value
195	12	SOU195-104	Arsenic	6.20E+00	mg/kg	Grid Value	1.08E+01	value
195	12	SOU195-104	Beryllium	5.10E-01	mg/kg	Grid Value	6.22E-01	value
195	12	SOU195-104	Chromium	1.29E+01	mg/kg	Grid Value	6.45E+01	value
195	12	SOU195-104	Manganese	3.60E+02	mg/kg	Grid Value	4.77E+02	value
195	12	SOU195-104	Nickel	1.04E+01	mg/kg	Grid Value	9.19E+01	value
195	12	SOU195-104	Vanadium	2.56E+01	mg/kg	Grid Value	3.68E+01	value
195	12	SOU195-105	Arsenic	1.15E+01	mg/kg	Grid Value	1.08E+01	value
195	12	SOU195-105	Beryllium	7.50E-01	mg/kg	Grid Value	6.22E-01	value
195	12	SOU195-105	Chromium	5.69E+01	mg/kg	Grid Value	6.45E+01	value
195	12	SOU195-105	Manganese	9.13E+02	mg/kg	Grid Value	4.77E+02	value
195	12	SOU195-105	Nickel	1.12E+01	mg/kg	Grid Value	9.19E+01	value
195	12	SOU195-105	Vanadium	3.79E+01	mg/kg	Grid Value	3.68E+01	value
195	12	SOU195-117	Arsenic	9.02E+00	mg/kg	Grid Value	1.08E+01	value
195	12	SOU195-117	Beryllium	6.00E-01	mg/kg	Avg	6.22E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
195	12	SOU195-117	Chromium	4.93E+01	mg/kg	Grid Value	6.45E+01	value
195	12	SOU195-117	Manganese	2.63E+02	mg/kg	Grid Value	4.77E+02	value
195	12	SOU195-117	Nickel	6.90E+01	mg/kg	Grid Value	9.19E+01	value
195	12	SOU195-117	Vanadium	3.53E+01	mg/kg	Avg	3.68E+01	value
195	12	SOU195-118	Arsenic	7.60E+00	mg/kg	Grid Value	1.08E+01	value
195	12	SOU195-118	Beryllium	5.40E-01	mg/kg	Grid Value	6.22E-01	value
195	12	SOU195-118	Chromium	7.44E+01	mg/kg	Grid Value	6.45E+01	value
195	12	SOU195-118	Manganese	3.57E+02	mg/kg	Grid Value	4.77E+02	value
195	12	SOU195-118	Nickel	9.70E+00	mg/kg	Grid Value	9.19E+01	value
195	12	SOU195-118	Vanadium	4.24E+01	mg/kg	Grid Value	3.68E+01	value
195	12	SOU195-119	Arsenic	1.10E+01	mg/kg	Grid Value	1.08E+01	value
195	12	SOU195-119	Beryllium	6.00E-01	mg/kg	Avg	6.22E-01	value
195	12	SOU195-119	Chromium	4.86E+01	mg/kg	Grid Value	6.45E+01	value
195	12	SOU195-119	Manganese	1.80E+02	mg/kg	Grid Value	4.77E+02	value
195	12	SOU195-119	Nickel	6.50E+01	mg/kg	Grid Value	9.19E+01	value
195	12	SOU195-119	Vanadium	3.53E+01	mg/kg	Avg	3.68E+01	value
195	12	SOU195-120	Arsenic	1.10E+01	mg/kg	Grid Value	1.08E+01	value
195	12	SOU195-120	Beryllium	6.00E-01	mg/kg	Avg	6.22E-01	value
195	12	SOU195-120	Chromium	4.67E+01	mg/kg	Grid Value	6.45E+01	value
195	12	SOU195-120	Manganese	4.26E+02	mg/kg	Grid Value	4.77E+02	value
195	12	SOU195-120	Nickel	6.50E+01	mg/kg	Grid Value	9.19E+01	value
195	12	SOU195-120	Vanadium	3.53E+01	mg/kg	Avg	3.68E+01	value
195	12	SOU195-120A	Arsenic	1.10E+01	mg/kg	Grid Value	1.08E+01	UCL 95 or maximum value
195	12	SOU195-120A	Beryllium	6.00E-01	mg/kg	Avg	6.22E-01	UCL 95 or maximum value
195	12	SOU195-120A	Chromium	8.50E+01	mg/kg	Grid Value	6.45E+01	UCL 95 or maximum value
195	12	SOU195-120A	Manganese	2.55E+02	mg/kg	Grid Value	4.77E+02	UCL 95 or maximum value
195	12	SOU195-120A	Nickel	7.60E+01	mg/kg	Grid Value	9.19E+01	UCL 95 or maximum value
195	12	SOU195-120A	Vanadium	3.53E+01	mg/kg	Avg	3.68E+01	UCL 95 or maximum value
195	12	120B	Arsenic	1.10E+01	mg/kg	Grid Value	1.08E+01	value
195	12	120B	Beryllium	6.00E-01	mg/kg	Avg	6.22E-01	value
195	12	120B	Chromium	8.50E+01	mg/kg	Grid Value	6.45E+01	value
195	12	120B	Manganese	2.32E+02	mg/kg	Grid Value	4.77E+02	value
195	12	120B	Nickel	6.08E+01	mg/kg	Grid Value	9.19E+01	value
195	12	120B	Vanadium	3.53E+01	mg/kg	Avg	3.68E+01	value
195	12	120C	Arsenic	1.10E+01	mg/kg	Grid Value	1.08E+01	value
195	12	120C	Beryllium	6.00E-01	mg/kg	Avg	6.22E-01	value
195	12	120C	Chromium	8.50E+01	mg/kg	Grid Value	6.45E+01	value
195	12	120C	Manganese	1.41E+02	mg/kg	Grid Value	4.77E+02	value
195	12	120C	Nickel	8.89E+01	mg/kg	Grid Value	9.19E+01	value
195	12	120C	Vanadium	3.53E+01	mg/kg	Avg	3.68E+01	value
195	12	SOU195-132	Arsenic	8.64E+00	mg/kg	Grid Value	1.08E+01	value
195	12	SOU195-132	Beryllium	6.00E-01	mg/kg	Avg	6.22E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
195	12	SOU195-132	Chromium	4.93E+01	mg/kg	Grid Value	6.45E+01	value
195	12	SOU195-132	Manganese	1.10E+02	mg/kg	Grid Value	4.77E+02	value
195	12	SOU195-132	Nickel	7.26E+01	mg/kg	Grid Value	9.19E+01	value
195	12	SOU195-132	Vanadium	3.53E+01	mg/kg	Avg	3.68E+01	value
195	12	SOU195-133	Arsenic	1.10E+01	mg/kg	Grid Value	1.08E+01	value
195	12	SOU195-133	Beryllium	6.00E-01	mg/kg	Avg	6.22E-01	value
195	12	SOU195-133	Chromium	5.95E+01	mg/kg	Grid Value	6.45E+01	value
195	12	SOU195-133	Manganese	2.32E+02	mg/kg	Grid Value	4.77E+02	value
195	12	SOU195-133	Nickel	6.50E+01	mg/kg	Grid Value	9.19E+01	value
195	12	SOU195-133	Vanadium	3.53E+01	mg/kg	Avg	3.68E+01	value
195	12	SOU195-134	Arsenic	1.10E+01	mg/kg	Grid Value	1.08E+01	value
195	12	SOU195-134	Beryllium	6.00E-01	mg/kg	Avg	6.22E-01	value
195	12	SOU195-134	Chromium	4.61E+01	mg/kg	Grid Value	6.45E+01	value
195	12	SOU195-134	Manganese	1.74E+02	mg/kg	Grid Value	4.77E+02	value
195	12	SOU195-134	Nickel	6.50E+01	mg/kg	Grid Value	9.19E+01	value
195	12	SOU195-134	Vanadium	3.53E+01	mg/kg	Avg	3.68E+01	value
195	12	SOU195-135	Arsenic	7.89E+00	mg/kg	Grid Value	1.08E+01	value
195	12	SOU195-135	Beryllium	6.00E-01	mg/kg	Avg	6.22E-01	value
195	12	SOU195-135	Chromium	4.22E+01	mg/kg	Grid Value	6.45E+01	value
195	12	SOU195-135	Manganese	2.52E+02	mg/kg	Grid Value	4.77E+02	value
195	12	SOU195-135	Nickel	9.98E+01	mg/kg	Grid Value	9.19E+01	value
195	12	SOU195-135	Vanadium	3.53E+01	mg/kg	Avg	3.68E+01	value
195	13	SOU195-136	Arsenic	1.10E+01	mg/kg	Grid Value	9.12E+00	value
195	13	SOU195-136	Chromium	6.42E+01	mg/kg	Grid Value	5.23E+01	value
195	13	SOU195-136	Nickel	6.50E+01	mg/kg	Grid Value	8.34E+01	value
195	13	SOU195-136	Silver	1.00E+01	mg/kg	Grid Value	8.71E+00	value
195	13	SOU195-137	Arsenic	7.15E+00	mg/kg	Grid Value	9.12E+00	value
195	13	SOU195-137	Chromium	4.47E+01	mg/kg	Grid Value	5.23E+01	value
195	13	SOU195-137	Nickel	6.50E+01	mg/kg	Grid Value	8.34E+01	value
195	13	SOU195-137	Silver	1.00E+01	mg/kg	Grid Value	8.71E+00	value
195	13	SOU195-138	Arsenic	8.29E+00	mg/kg	Grid Value	9.12E+00	value
195	13	SOU195-138	Chromium	6.55E+01	mg/kg	Grid Value	5.23E+01	value
195	13	SOU195-138	Nickel	6.50E+01	mg/kg	Grid Value	8.34E+01	value
195	13	SOU195-138	Silver	1.00E+01	mg/kg	Grid Value	8.71E+00	value
195	13	SOU195-139	Arsenic	9.12E+00	mg/kg	Grid Value	9.12E+00	value
195	13	SOU195-139	Chromium	5.29E+01	mg/kg	Grid Value	5.23E+01	value
195	13	SOU195-139	Nickel	6.50E+01	mg/kg	Grid Value	8.34E+01	value
195	13	SOU195-139	Silver	8.71E+00	mg/kg	Grid Value	8.71E+00	value
195	13	SOU195-140	Arsenic	1.10E+01	mg/kg	Grid Value	9.12E+00	value
195	13	SOU195-140	Chromium	3.81E+01	mg/kg	Grid Value	5.23E+01	value
195	13	SOU195-140	Nickel	6.50E+01	mg/kg	Grid Value	8.34E+01	value
195	13	SOU195-140	Silver	1.00E+01	mg/kg	Grid Value	8.71E+00	value
195	13	SOU195-141	Arsenic	8.73E+00	mg/kg	Grid Value	9.12E+00	value
195	13	SOU195-141	Chromium	3.68E+01	mg/kg	Grid Value	5.23E+01	value
195	13	SOU195-141	Nickel	6.50E+01	mg/kg	Grid Value	8.34E+01	value
195	13	SOU195-141	Silver	1.00E+01	mg/kg	Grid Value	8.71E+00	value
195	13	SOU195-142	Arsenic	7.94E+00	mg/kg	Grid Value	9.12E+00	value
195	13	SOU195-142	Chromium	4.76E+01	mg/kg	Grid Value	5.23E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
195	13	SOU195-142	Nickel	6.50E+01	mg/kg	Grid Value	8.34E+01	value
195	13	SOU195-142	Silver	1.00E+01	mg/kg	Grid Value	8.71E+00	value
195	13	SOU195-150	Arsenic	1.10E+01	mg/kg	Grid Value	9.12E+00	value
195	13	SOU195-150	Chromium	5.12E+01	mg/kg	Grid Value	5.23E+01	value
195	13	SOU195-150	Nickel	7.35E+01	mg/kg	Grid Value	8.34E+01	value
195	13	SOU195-150	Silver	1.00E+01	mg/kg	Grid Value	8.71E+00	value
195	13	SOU195-151	Arsenic	8.84E+00	mg/kg	Grid Value	9.12E+00	value
195	13	SOU195-151	Chromium	5.25E+01	mg/kg	Grid Value	5.23E+01	value
195	13	SOU195-151	Nickel	6.50E+01	mg/kg	Grid Value	8.34E+01	value
195	13	SOU195-151	Silver	1.00E+01	mg/kg	Grid Value	8.71E+00	value
195	13	SOU195-152	Arsenic	1.10E+01	mg/kg	Grid Value	9.12E+00	value
195	13	SOU195-152	Chromium	4.32E+01	mg/kg	Grid Value	5.23E+01	value
195	13	SOU195-152	Nickel	6.50E+01	mg/kg	Grid Value	8.34E+01	value
195	13	SOU195-152	Silver	1.00E+01	mg/kg	Grid Value	8.71E+00	value
195	13	SOU195-153	Arsenic	1.10E+01	mg/kg	Grid Value	9.12E+00	value
195	13	SOU195-153	Chromium	3.41E+01	mg/kg	Grid Value	5.23E+01	value
195	13	SOU195-153	Nickel	6.50E+01	mg/kg	Grid Value	8.34E+01	value
195	13	SOU195-153	Silver	1.00E+01	mg/kg	Grid Value	8.71E+00	value
195	13	SOU195-154	Arsenic	5.50E+00	mg/kg	Grid Value	9.12E+00	value
195	13	SOU195-154	Chromium	4.69E+01	mg/kg	Grid Value	5.23E+01	value
195	13	SOU195-154	Nickel	1.13E+01	mg/kg	Grid Value	8.34E+01	value
195	13	SOU195-154	Silver	5.20E-02	mg/kg	Grid Value	8.71E+00	value
195	13	SOU195-155	Arsenic	4.80E+00	mg/kg	Grid Value	9.12E+00	value
195	13	SOU195-155	Chromium	8.60E+00	mg/kg	Grid Value	5.23E+01	value
195	13	SOU195-155	Nickel	8.64E+01	mg/kg	Grid Value	8.34E+01	value
195	13	SOU195-155	Silver	8.59E+00	mg/kg	Grid Value	8.71E+00	value
195	14	SOU195-143	Arsenic	1.10E+01	mg/kg	Grid Value	1.02E+01	value
195	14	SOU195-143	Chromium	4.45E+01	mg/kg	Grid Value	5.94E+01	value
195	14	SOU195-143	Mercury	1.00E+01	mg/kg	Grid Value	6.49E+00	value
195	14	SOU195-143	Nickel	6.50E+01	mg/kg	Grid Value	8.22E+01	value
195	14	SOU195-143	Silver	8.87E+00	mg/kg	Grid Value	8.87E+00	value
195	14	SOU195-144	Arsenic	1.04E+01	mg/kg	Grid Value	1.02E+01	value
195	14	SOU195-144	Chromium	5.34E+01	mg/kg	Grid Value	5.94E+01	value
195	14	SOU195-144	Mercury	1.00E+01	mg/kg	Grid Value	6.49E+00	value
195	14	SOU195-144	Nickel	6.50E+01	mg/kg	Grid Value	8.22E+01	value
195	14	SOU195-144	Silver	1.00E+01	mg/kg	Grid Value	8.87E+00	value
195	14	SOU195-145	Arsenic	1.10E+01	mg/kg	Grid Value	1.02E+01	value
195	14	SOU195-145	Chromium	8.50E+01	mg/kg	Grid Value	5.94E+01	value
195	14	SOU195-145	Mercury	1.00E+01	mg/kg	Grid Value	6.49E+00	value
195	14	SOU195-145	Nickel	8.22E+01	mg/kg	Grid Value	8.22E+01	value
195	14	SOU195-145	Silver	1.00E+01	mg/kg	Grid Value	8.87E+00	value
195	14	SOU195-146	Arsenic	7.27E+00	mg/kg	Grid Value	1.02E+01	value
195	14	SOU195-146	Chromium	5.27E+01	mg/kg	Grid Value	5.94E+01	value
195	14	SOU195-146	Mercury	1.00E+01	mg/kg	Grid Value	6.49E+00	value
195	14	SOU195-146	Nickel	6.00E+01	mg/kg	Grid Value	8.22E+01	value
195	14	SOU195-146	Silver	1.00E+01	mg/kg	Grid Value	8.87E+00	value
195	14	SOU195-147	Arsenic	1.10E+01	mg/kg	Grid Value	1.02E+01	value
195	14	SOU195-147	Chromium	3.89E+01	mg/kg	Grid Value	5.94E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
195	14	SOU195-147	Mercury	1.00E+01	mg/kg	Grid Value	6.49E+00	value
195	14	SOU195-147	Nickel	7.01E+01	mg/kg	Grid Value	8.22E+01	value
195	14	SOU195-147	Silver	1.00E+01	mg/kg	Grid Value	8.87E+00	value
195	14	SOU195-148	Arsenic	6.38E+00	mg/kg	Grid Value	1.02E+01	value
195	14	SOU195-148	Chromium	4.17E+01	mg/kg	Grid Value	5.94E+01	value
195	14	SOU195-148	Mercury	1.00E+01	mg/kg	Grid Value	6.49E+00	value
195	14	SOU195-148	Nickel	6.70E+01	mg/kg	Grid Value	8.22E+01	value
195	14	SOU195-148	Silver	1.00E+01	mg/kg	Grid Value	8.87E+00	value
195	14	SOU195-149	Arsenic	9.22E+00	mg/kg	Grid Value	1.02E+01	value
195	14	SOU195-149	Chromium	5.94E+01	mg/kg	Grid Value	5.94E+01	value
195	14	SOU195-149	Mercury	6.49E+00	mg/kg	Grid Value	6.49E+00	value
195	14	SOU195-149	Nickel	5.79E+01	mg/kg	Grid Value	8.22E+01	value
195	14	SOU195-149	Silver	1.00E+01	mg/kg	Grid Value	8.87E+00	value
195	14	SOU195-156	Arsenic	7.90E+00	mg/kg	Grid Value	1.02E+01	value
195	14	SOU195-156	Chromium	5.81E+01	mg/kg	Grid Value	5.94E+01	value
195	14	SOU195-156	Mercury	1.00E+01	mg/kg	Grid Value	6.49E+00	value
195	14	SOU195-156	Nickel	6.50E+01	mg/kg	Grid Value	8.22E+01	value
195	14	SOU195-156	Silver	1.00E+01	mg/kg	Grid Value	8.87E+00	value
195	14	SOU195-157	Arsenic	1.10E+01	mg/kg	Grid Value	1.02E+01	value
195	14	SOU195-157	Chromium	4.05E+01	mg/kg	Grid Value	5.94E+01	value
195	14	SOU195-157	Mercury	1.00E+01	mg/kg	Grid Value	6.49E+00	value
195	14	SOU195-157	Nickel	6.50E+01	mg/kg	Grid Value	8.22E+01	value
195	14	SOU195-157	Silver	1.00E+01	mg/kg	Grid Value	8.87E+00	value
195	14	SOU195-158	Arsenic	8.80E+00	mg/kg	Grid Value	1.02E+01	value
195	14	SOU195-158	Chromium	1.82E+01	mg/kg	Grid Value	5.94E+01	value
195	14	SOU195-158	Mercury	3.24E-02	mg/kg	Grid Value	6.49E+00	value
195	14	SOU195-158	Nickel	7.85E+01	mg/kg	Grid Value	8.22E+01	value
195	14	SOU195-158	Silver	5.40E-02	mg/kg	Grid Value	8.87E+00	value
195	14	SOU195-159	Arsenic	8.12E+00	mg/kg	Grid Value	1.02E+01	value
195	14	SOU195-159	Chromium	8.50E+01	mg/kg	Grid Value	5.94E+01	value
195	14	SOU195-159	Mercury	1.00E+01	mg/kg	Grid Value	6.49E+00	value
195	14	SOU195-159	Nickel	6.50E+01	mg/kg	Grid Value	8.22E+01	value
195	14	SOU195-159	Silver	1.00E+01	mg/kg	Grid Value	8.87E+00	value
195	14	SOU195-160	Arsenic	7.49E+00	mg/kg	Grid Value	1.02E+01	value
195	14	SOU195-160	Chromium	3.34E+01	mg/kg	Grid Value	5.94E+01	value
195	14	SOU195-160	Mercury	1.74E-02	mg/kg	Grid Value	6.49E+00	value
195	14	SOU195-160	Nickel	7.00E+00	mg/kg	Grid Value	8.22E+01	value
195	14	SOU195-160	Silver	4.90E-02	mg/kg	Grid Value	8.87E+00	value
195	14	SOU195-161	Arsenic	1.10E+01	mg/kg	Grid Value	1.02E+01	value
195	14	SOU195-161	Chromium	8.50E+01	mg/kg	Grid Value	5.94E+01	value
195	14	SOU195-161	Mercury	1.00E+01	mg/kg	Grid Value	6.49E+00	value
195	14	SOU195-161	Nickel	6.50E+01	mg/kg	Grid Value	8.22E+01	value
195	14	SOU195-161	Silver	1.00E+01	mg/kg	Grid Value	8.87E+00	value
195	15	SOU195-162	Arsenic	4.40E+00	mg/kg	Grid Value	9.15E+00	value
195	15	SOU195-162	Chromium	8.00E+00	mg/kg	Grid Value	5.34E+01	value
195	15	SOU195-162	Cesium-137	3.58E-01	pCi/g	Grid Value	2.61E-01	value
195	15	SOU195-163	Arsenic	1.10E+01	mg/kg	Grid Value	9.15E+00	value
195	15	SOU195-163	Chromium	3.08E+01	mg/kg	Grid Value	5.34E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
195	15	SOU195-163	Cesium-137	1.79E-01	pCi/g	Avg	2.61E-01	value
195	15	SOU195-164	Arsenic	1.10E+01	mg/kg	Grid Value	9.15E+00	value
195	15	SOU195-164	Chromium	3.32E+01	mg/kg	Grid Value	5.34E+01	value
195	15	SOU195-164	Cesium-137	1.79E-01	pCi/g	Avg	2.61E-01	value
195	15	SOU195-165	Arsenic	1.10E+01	mg/kg	Grid Value	9.15E+00	value
195	15	SOU195-165	Chromium	4.16E+01	mg/kg	Grid Value	5.34E+01	value
195	15	SOU195-165	Cesium-137	1.79E-01	pCi/g	Avg	2.61E-01	value
195	15	SOU195-166	Arsenic	9.15E+00	mg/kg	Grid Value	9.15E+00	value
195	15	SOU195-166	Chromium	4.43E+01	mg/kg	Grid Value	5.34E+01	value
195	15	SOU195-166	Cesium-137	1.79E-01	pCi/g	Avg	2.61E-01	value
195	15	SOU195-173	Arsenic	4.70E+00	mg/kg	Grid Value	9.15E+00	value
195	15	SOU195-173	Chromium	4.42E+01	mg/kg	Grid Value	5.34E+01	value
195	15	SOU195-173	Cesium-137	0.00E+00	pCi/g	Grid Value	2.61E-01	value
195	15	SOU195-174	Arsenic	7.68E+00	mg/kg	Grid Value	9.15E+00	value
195	15	SOU195-174	Chromium	3.18E+01	mg/kg	Grid Value	5.34E+01	value
195	15	SOU195-174	Cesium-137	1.79E-01	pCi/g	Avg	2.61E-01	value
195	15	SOU195-175	Arsenic	1.10E+01	mg/kg	Grid Value	9.15E+00	value
195	15	SOU195-175	Chromium	3.58E+01	mg/kg	Grid Value	5.34E+01	value
195	15	SOU195-175	Cesium-137	1.79E-01	pCi/g	Avg	2.61E-01	value
195	15	SOU195-176	Arsenic	8.41E+00	mg/kg	Grid Value	9.15E+00	value
195	15	SOU195-176	Chromium	5.34E+01	mg/kg	Grid Value	5.34E+01	value
195	15	SOU195-176	Cesium-137	1.79E-01	pCi/g	Avg	2.61E-01	value
195	15	SOU195-182	Arsenic	1.10E+01	mg/kg	Grid Value	9.15E+00	value
195	15	SOU195-182	Chromium	8.50E+01	mg/kg	Grid Value	5.34E+01	value
195	15	SOU195-182	Cesium-137	1.79E-01	pCi/g	Avg	2.61E-01	value
195	15	SOU195-183	Arsenic	1.10E+01	mg/kg	Grid Value	9.15E+00	value
195	15	SOU195-183	Chromium	8.50E+01	mg/kg	Grid Value	5.34E+01	value
195	15	SOU195-183	Cesium-137	1.79E-01	pCi/g	Avg	2.61E-01	value
195	15	SOU195-184	Arsenic	1.10E+01	mg/kg	Grid Value	9.15E+00	value
195	15	SOU195-184	Chromium	4.82E+01	mg/kg	Grid Value	5.34E+01	value
195	15	SOU195-184	Cesium-137	1.79E-01	pCi/g	Avg	2.61E-01	value
195	15	SOU195-188	Arsenic	1.10E+01	mg/kg	Grid Value	9.15E+00	value
195	15	SOU195-188	Chromium	8.50E+01	mg/kg	Grid Value	5.34E+01	value
195	15	SOU195-188	Cesium-137	1.79E-01	pCi/g	Avg	2.61E-01	value
195	15	SOU195-189	Arsenic	1.10E+01	mg/kg	Grid Value	9.15E+00	value
195	15	SOU195-189	Chromium	2.90E+01	mg/kg	Grid Value	5.34E+01	value
195	15	SOU195-189	Cesium-137	1.79E-01	pCi/g	Avg	2.61E-01	value
195	16	SOU195-167	Chromium	5.22E+01	mg/kg	Grid Value	5.22E+01	value
195	16	SOU195-167	Manganese	2.08E+02	mg/kg	Grid Value	3.87E+02	value
195	16	SOU195-167	Mercury	1.00E+01	mg/kg	Grid Value	8.43E+00	value
195	16	SOU195-167	Nickel	7.72E+01	mg/kg	Grid Value	8.59E+01	value
195	16	SOU195-167	Cesium-137	2.10E-01	pCi/g	Avg	2.94E-01	value
195	16	SOU195-168	Chromium	3.95E+01	mg/kg	Grid Value	5.22E+01	value
195	16	SOU195-168	Manganese	2.12E+02	mg/kg	Grid Value	3.87E+02	value
195	16	SOU195-168	Mercury	1.00E+01	mg/kg	Grid Value	8.43E+00	value
195	16	SOU195-168	Nickel	8.59E+01	mg/kg	Grid Value	8.59E+01	value
195	16	SOU195-168	Cesium-137	2.10E-01	pCi/g	Avg	2.94E-01	value
195	16	SOU195-169	Chromium	3.08E+01	mg/kg	Grid Value	5.22E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
195	16	SOU195-169	Manganese	1.64E+02	mg/kg	Grid Value	3.87E+02	value
195	16	SOU195-169	Mercury	1.00E+01	mg/kg	Grid Value	8.43E+00	value
195	16	SOU195-169	Nickel	6.50E+01	mg/kg	Grid Value	8.59E+01	value
195	16	SOU195-169	Cesium-137	2.10E-01	pCi/g	Avg	2.94E-01	value
195	16	SOU195-170	Chromium	8.50E+01	mg/kg	Grid Value	5.22E+01	value
195	16	SOU195-170	Manganese	2.07E+02	mg/kg	Grid Value	3.87E+02	value
195	16	SOU195-170	Mercury	1.00E+01	mg/kg	Grid Value	8.43E+00	value
195	16	SOU195-170	Nickel	6.50E+01	mg/kg	Grid Value	8.59E+01	value
195	16	SOU195-170	Cesium-137	2.10E-01	pCi/g	Avg	2.94E-01	value
195	16	SOU195-171	Chromium	8.50E+01	mg/kg	Grid Value	5.22E+01	value
195	16	SOU195-171	Manganese	2.44E+02	mg/kg	Grid Value	3.87E+02	value
195	16	SOU195-171	Mercury	1.00E+01	mg/kg	Grid Value	8.43E+00	value
195	16	SOU195-171	Nickel	7.73E+01	mg/kg	Grid Value	8.59E+01	value
195	16	SOU195-171	Cesium-137	2.10E-01	pCi/g	Avg	2.94E-01	value
195	16	SOU195-172	Chromium	8.50E+01	mg/kg	Grid Value	5.22E+01	value
195	16	SOU195-172	Manganese	1.47E+02	mg/kg	Grid Value	3.87E+02	value
195	16	SOU195-172	Mercury	1.00E+01	mg/kg	Grid Value	8.43E+00	value
195	16	SOU195-172	Nickel	6.50E+01	mg/kg	Grid Value	8.59E+01	value
195	16	SOU195-172	Cesium-137	2.10E-01	pCi/g	Avg	2.94E-01	value
195	16	SOU195-177	Chromium	4.02E+01	mg/kg	Grid Value	5.22E+01	value
195	16	SOU195-177	Manganese	8.75E+02	mg/kg	Grid Value	3.87E+02	value
195	16	SOU195-177	Mercury	3.61E-02	mg/kg	Grid Value	8.43E+00	value
195	16	SOU195-177	Nickel	7.60E+00	mg/kg	Grid Value	8.59E+01	value
195	16	SOU195-177	Cesium-137	1.62E-01	pCi/g	Grid Value	2.94E-01	value
195	16	SOU195-178	Chromium	3.65E+01	mg/kg	Grid Value	5.22E+01	value
195	16	SOU195-178	Manganese	2.36E+02	mg/kg	Grid Value	3.87E+02	value
195	16	SOU195-178	Mercury	7.00E+00	mg/kg	Grid Value	8.43E+00	value
195	16	SOU195-178	Nickel	4.20E+00	mg/kg	Grid Value	8.59E+01	value
195	16	SOU195-178	Cesium-137	2.90E-02	pCi/g	Grid Value	2.94E-01	value
195	16	SOU195-179	Chromium	8.50E+01	mg/kg	Grid Value	5.22E+01	value
195	16	SOU195-179	Manganese	2.27E+02	mg/kg	Grid Value	3.87E+02	value
195	16	SOU195-179	Mercury	1.00E+01	mg/kg	Grid Value	8.43E+00	value
195	16	SOU195-179	Nickel	6.50E+01	mg/kg	Grid Value	8.59E+01	value
195	16	SOU195-179	Cesium-137	2.10E-01	pCi/g	Avg	2.94E-01	value
195	16	SOU195-180	Chromium	8.50E+01	mg/kg	Grid Value	5.22E+01	value
195	16	SOU195-180	Manganese	3.08E+02	mg/kg	Grid Value	3.87E+02	value
195	16	SOU195-180	Mercury	1.00E+01	mg/kg	Grid Value	8.43E+00	value
195	16	SOU195-180	Nickel	7.28E+01	mg/kg	Grid Value	8.59E+01	value
195	16	SOU195-180	Cesium-137	2.10E-01	pCi/g	Avg	2.94E-01	value
195	16	SOU195-181	Chromium	3.73E+01	mg/kg	Grid Value	5.22E+01	value
195	16	SOU195-181	Manganese	3.57E+02	mg/kg	Grid Value	3.87E+02	value
195	16	SOU195-181	Mercury	1.00E+01	mg/kg	Grid Value	8.43E+00	value
195	16	SOU195-181	Nickel	5.75E+01	mg/kg	Grid Value	8.59E+01	value
195	16	SOU195-181	Cesium-137	2.10E-01	pCi/g	Avg	2.94E-01	value
195	16	SOU195-185	Chromium	8.50E+01	mg/kg	Grid Value	5.22E+01	value
195	16	SOU195-185	Manganese	4.89E+02	mg/kg	Grid Value	3.87E+02	value
195	16	SOU195-185	Mercury	8.43E+00	mg/kg	Grid Value	8.43E+00	value
195	16	SOU195-185	Nickel	6.50E+01	mg/kg	Grid Value	8.59E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
195	16	SOU195-185	Cesium-137	2.10E-01	pCi/g	Avg	2.94E-01	value
195	16	SOU195-186	Chromium	3.96E+01	mg/kg	Grid Value	5.22E+01	value
195	16	SOU195-186	Manganese	1.84E+02	mg/kg	Grid Value	3.87E+02	value
195	16	SOU195-186	Mercury	1.00E+01	mg/kg	Grid Value	8.43E+00	value
195	16	SOU195-186	Nickel	8.57E+01	mg/kg	Grid Value	8.59E+01	value
195	16	SOU195-186	Cesium-137	2.10E-01	pCi/g	Avg	2.94E-01	value
195	16	SOU195-187	Chromium	8.50E+01	mg/kg	Grid Value	5.22E+01	value
195	16	SOU195-187	Manganese	4.87E+02	mg/kg	Grid Value	3.87E+02	value
195	16	SOU195-187	Mercury	1.00E+01	mg/kg	Grid Value	8.43E+00	value
195	16	SOU195-187	Nickel	6.50E+01	mg/kg	Grid Value	8.59E+01	value
195	16	SOU195-187	Cesium-137	2.10E-01	pCi/g	Avg	2.94E-01	value
195	16	SOU195-190	Chromium	8.50E+01	mg/kg	Grid Value	5.22E+01	value
195	16	SOU195-190	Manganese	3.10E+02	mg/kg	Grid Value	3.87E+02	value
195	16	SOU195-190	Mercury	1.00E+01	mg/kg	Grid Value	8.43E+00	value
195	16	SOU195-190	Nickel	6.50E+01	mg/kg	Grid Value	8.59E+01	value
195	16	SOU195-190	Cesium-137	2.10E-01	pCi/g	Avg	2.94E-01	value
195	16	SOU195-191	Chromium	8.50E+01	mg/kg	Grid Value	5.22E+01	value
195	16	SOU195-191	Manganese	2.69E+02	mg/kg	Grid Value	3.87E+02	value
195	16	SOU195-191	Mercury	1.00E+01	mg/kg	Grid Value	8.43E+00	value
195	16	SOU195-191	Nickel	5.85E+01	mg/kg	Grid Value	8.59E+01	value
195	16	SOU195-191	Cesium-137	4.40E-01	pCi/g	Grid Value	2.94E-01	value
195	17	SOU195-192	Arsenic	1.10E+01	mg/kg	Grid Value	9.36E+00	value
195	17	SOU195-192	Chromium	8.50E+01	mg/kg	Grid Value	6.77E+01	value
195	17	SOU195-192	Manganese	2.03E+02	mg/kg	Grid Value	5.02E+02	value
195	17	SOU195-192	Mercury	1.00E+01	mg/kg	Grid Value	7.24E+00	value
195	17	SOU195-192	Nickel	6.50E+01	mg/kg	Grid Value	7.09E+01	value
195	17	SOU195-192	PCB, Total	5.00E+00	mg/kg	Grid Value	7.40E-01	value
195	17	SOU195-192	Silver	1.00E+01	mg/kg	Grid Value	1.20E+01	value
195	17	SOU195-192	Thallium	4.50E-01	mg/kg	Avg	4.82E-01	value
195	17	SOU195-192	Total PAH	1.64E-01	mg/kg	Avg	2.05E-01	value
195	17	SOU195-192	Uranium-235	9.30E-02	pCi/g	Avg	9.72E-02	value
195	17	SOU195-192	Uranium-238	1.67E+00	pCi/g	Avg	1.75E+00	value
195	17	SOU195-193	Arsenic	5.10E+00	mg/kg	Grid Value	9.36E+00	value
195	17	SOU195-193	Chromium	5.03E+01	mg/kg	Grid Value	6.77E+01	value
195	17	SOU195-193	Manganese	5.17E+02	mg/kg	Grid Value	5.02E+02	value
195	17	SOU195-193	Mercury	4.17E-01	mg/kg	Grid Value	7.24E+00	value
195	17	SOU195-193	Nickel	5.10E+01	mg/kg	Grid Value	7.09E+01	value
195	17	SOU195-193	PCB, Total	7.40E-01	mg/kg	Grid Value	7.40E-01	value
195	17	SOU195-193	Silver	5.90E-01	mg/kg	Grid Value	1.20E+01	value
195	17	SOU195-193	Thallium	5.40E-01	mg/kg	Grid Value	4.82E-01	value
195	17	SOU195-193	Total PAH	3.16E-01	mg/kg	Grid Value	2.05E-01	value
195	17	SOU195-193	Uranium-235	1.32E-01	pCi/g	Grid Value	9.72E-02	value
195	17	SOU195-193	Uranium-238	2.48E+00	pCi/g	Grid Value	1.75E+00	value
195	17	SOU195-193A	Arsenic	6.16E+00	mg/kg	Grid Value	9.36E+00	UCL 95 or maximum value
195	17	SOU195-193A	Chromium	4.38E+01	mg/kg	Grid Value	6.77E+01	UCL 95 or maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
195	17	SOU195-193A	Manganese	6.88E+02	mg/kg	Grid Value	5.02E+02	UCL 95 or maximum value
195	17	SOU195-193A	Mercury	7.24E+00	mg/kg	Grid Value	7.24E+00	UCL 95 or maximum value
195	17	SOU195-193A	Nickel	6.50E+01	mg/kg	Grid Value	7.09E+01	UCL 95 or maximum value
195	17	SOU195-193A	PCB, Total	5.00E+00	mg/kg	Grid Value	7.40E-01	UCL 95 or maximum value
195	17	SOU195-193A	Silver	1.24E+01	mg/kg	Grid Value	1.20E+01	UCL 95 or maximum value
195	17	SOU195-193A	Thallium	4.50E-01	mg/kg	Avg	4.82E-01	UCL 95 or maximum value
195	17	SOU195-193A	Total PAH	1.64E-01	mg/kg	Avg	2.05E-01	UCL 95 or maximum value
195	17	SOU195-193A	Uranium-235	9.30E-02	pCi/g	Avg	9.72E-02	UCL 95 or maximum value
195	17	SOU195-193A	Uranium-238	1.67E+00	pCi/g	Avg	1.75E+00	UCL 95 or maximum value
195	17	193B	Arsenic	8.20E+00	mg/kg	Grid Value	9.36E+00	value
195	17	193B	Chromium	4.56E+01	mg/kg	Grid Value	6.77E+01	value
195	17	193B	Manganese	2.41E+02	mg/kg	Grid Value	5.02E+02	value
195	17	193B	Mercury	1.00E+01	mg/kg	Grid Value	7.24E+00	value
195	17	193B	Nickel	7.09E+01	mg/kg	Grid Value	7.09E+01	value
195	17	193B	PCB, Total	5.00E+00	mg/kg	Grid Value	7.40E-01	value
195	17	193B	Silver	1.00E+01	mg/kg	Grid Value	1.20E+01	value
195	17	193B	Thallium	4.50E-01	mg/kg	Avg	4.82E-01	value
195	17	193B	Total PAH	1.64E-01	mg/kg	Avg	2.05E-01	value
195	17	193B	Uranium-235	9.30E-02	pCi/g	Avg	9.72E-02	value
195	17	193B	Uranium-238	1.67E+00	pCi/g	Avg	1.75E+00	value
195	17	193C	Arsenic	7.20E+00	mg/kg	Grid Value	9.36E+00	value
195	17	193C	Chromium	4.25E+01	mg/kg	Grid Value	6.77E+01	value
195	17	193C	Manganese	2.70E+02	mg/kg	Grid Value	5.02E+02	value
195	17	193C	Mercury	1.00E+01	mg/kg	Grid Value	7.24E+00	value
195	17	193C	Nickel	6.59E+01	mg/kg	Grid Value	7.09E+01	value
195	17	193C	PCB, Total	5.00E+00	mg/kg	Grid Value	7.40E-01	value
195	17	193C	Silver	1.00E+01	mg/kg	Grid Value	1.20E+01	value
195	17	193C	Thallium	4.50E-01	mg/kg	Avg	4.82E-01	value
195	17	193C	Total PAH	1.64E-01	mg/kg	Avg	2.05E-01	value
195	17	193C	Uranium-235	9.30E-02	pCi/g	Avg	9.72E-02	value
195	17	193C	Uranium-238	1.67E+00	pCi/g	Avg	1.75E+00	value
195	17	SOU195-194	Arsenic	5.70E+00	mg/kg	Grid Value	9.36E+00	value
195	17	SOU195-194	Chromium	3.44E+01	mg/kg	Grid Value	6.77E+01	value
195	17	SOU195-194	Manganese	2.47E+02	mg/kg	Grid Value	5.02E+02	value
195	17	SOU195-194	Mercury	1.00E+01	mg/kg	Grid Value	7.24E+00	value
195	17	SOU195-194	Nickel	5.66E+01	mg/kg	Grid Value	7.09E+01	value
195	17	SOU195-194	PCB, Total	5.00E+00	mg/kg	Grid Value	7.40E-01	value
195	17	SOU195-194	Silver	1.00E+01	mg/kg	Grid Value	1.20E+01	value
195	17	SOU195-194	Thallium	4.50E-01	mg/kg	Avg	4.82E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
195	17	SOU195-194	Total PAH	1.64E-01	mg/kg	Avg	2.05E-01	value
195	17	SOU195-194	Uranium-235	9.30E-02	pCi/g	Avg	9.72E-02	value
195	17	SOU195-194	Uranium-238	1.67E+00	pCi/g	Avg	1.75E+00	value
195	17	SOU195-195	Arsenic	1.10E+01	mg/kg	Grid Value	9.36E+00	value
195	17	SOU195-195	Chromium	1.01E+02	mg/kg	Grid Value	6.77E+01	value
195	17	SOU195-195	Manganese	1.42E+03	mg/kg	Grid Value	5.02E+02	value
195	17	SOU195-195	Mercury	1.00E+01	mg/kg	Grid Value	7.24E+00	value
195	17	SOU195-195	Nickel	6.50E+01	mg/kg	Grid Value	7.09E+01	value
195	17	SOU195-195	PCB, Total	5.00E+00	mg/kg	Grid Value	7.40E-01	value
195	17	SOU195-195	Silver	1.01E+01	mg/kg	Grid Value	1.20E+01	value
195	17	SOU195-195	Thallium	4.50E-01	mg/kg	Avg	4.82E-01	value
195	17	SOU195-195	Total PAH	1.64E-01	mg/kg	Avg	2.05E-01	value
195	17	SOU195-195	Uranium-235	9.30E-02	pCi/g	Avg	9.72E-02	value
195	17	SOU195-195	Uranium-238	1.67E+00	pCi/g	Avg	1.75E+00	value
195	17	SOU195-195A	Arsenic	4.00E+00	mg/kg	Grid Value	9.36E+00	UCL 95 or maximum value
195	17	SOU195-195A	Chromium	4.99E+01	mg/kg	Grid Value	6.77E+01	UCL 95 or maximum value
195	17	SOU195-195A	Manganese	5.06E+02	mg/kg	Grid Value	5.02E+02	UCL 95 or maximum value
195	17	SOU195-195A	Mercury	3.14E-02	mg/kg	Grid Value	7.24E+00	UCL 95 or maximum value
195	17	SOU195-195A	Nickel	5.20E+00	mg/kg	Grid Value	7.09E+01	UCL 95 or maximum value
195	17	SOU195-195A	PCB, Total	3.50E-01	mg/kg	Grid Value	7.40E-01	UCL 95 or maximum value
195	17	SOU195-195A	Silver	7.30E-02	mg/kg	Grid Value	1.20E+01	UCL 95 or maximum value
195	17	SOU195-195A	Thallium	1.20E-01	mg/kg	Grid Value	4.82E-01	UCL 95 or maximum value
195	17	SOU195-195A	Total PAH	1.64E-01	mg/kg	Avg	2.05E-01	UCL 95 or maximum value
195	17	SOU195-195A	Uranium-235	9.30E-02	pCi/g	Avg	9.72E-02	UCL 95 or maximum value
195	17	SOU195-195A	Uranium-238	1.67E+00	pCi/g	Avg	1.75E+00	UCL 95 or maximum value
195	17	195B	Arsenic	1.10E+01	mg/kg	Grid Value	9.36E+00	value
195	17	195B	Chromium	8.50E+01	mg/kg	Grid Value	6.77E+01	value
195	17	195B	Manganese	4.07E+02	mg/kg	Grid Value	5.02E+02	value
195	17	195B	Mercury	1.00E+01	mg/kg	Grid Value	7.24E+00	value
195	17	195B	Nickel	6.50E+01	mg/kg	Grid Value	7.09E+01	value
195	17	195B	PCB, Total	5.00E+00	mg/kg	Grid Value	7.40E-01	value
195	17	195B	Silver	1.00E+01	mg/kg	Grid Value	1.20E+01	value
195	17	195B	Thallium	4.50E-01	mg/kg	Avg	4.82E-01	value
195	17	195B	Total PAH	1.64E-01	mg/kg	Avg	2.05E-01	value
195	17	195B	Uranium-235	9.30E-02	pCi/g	Avg	9.72E-02	value
195	17	195B	Uranium-238	1.67E+00	pCi/g	Avg	1.75E+00	value
195	17	SOU195-196	Arsenic	1.10E+01	mg/kg	Grid Value	9.36E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
195	17	SOU195-196	Chromium	4.20E+01	mg/kg	Grid Value	6.77E+01	value
195	17	SOU195-196	Manganese	3.07E+02	mg/kg	Grid Value	5.02E+02	value
195	17	SOU195-196	Mercury	1.00E+01	mg/kg	Grid Value	7.24E+00	value
195	17	SOU195-196	Nickel	6.50E+01	mg/kg	Grid Value	7.09E+01	value
195	17	SOU195-196	PCB, Total	5.00E+00	mg/kg	Grid Value	7.40E-01	value
195	17	SOU195-196	Silver	1.00E+01	mg/kg	Grid Value	1.20E+01	value
195	17	SOU195-196	Thallium	4.50E-01	mg/kg	Avg	4.82E-01	value
195	17	SOU195-196	Total PAH	1.64E-01	mg/kg	Avg	2.05E-01	value
195	17	SOU195-196	Uranium-235	9.30E-02	pCi/g	Avg	9.72E-02	value
195	17	SOU195-196	Uranium-238	1.67E+00	pCi/g	Avg	1.75E+00	value
195	17	SOU195-197	Arsenic	1.10E+01	mg/kg	Grid Value	9.36E+00	value
195	17	SOU195-197	Chromium	1.21E+02	mg/kg	Grid Value	6.77E+01	value
195	17	SOU195-197	Manganese	4.36E+02	mg/kg	Grid Value	5.02E+02	value
195	17	SOU195-197	Mercury	1.00E+01	mg/kg	Grid Value	7.24E+00	value
195	17	SOU195-197	Nickel	6.50E+01	mg/kg	Grid Value	7.09E+01	value
195	17	SOU195-197	PCB, Total	5.00E+00	mg/kg	Grid Value	7.40E-01	value
195	17	SOU195-197	Silver	1.00E+01	mg/kg	Grid Value	1.20E+01	value
195	17	SOU195-197	Thallium	4.50E-01	mg/kg	Avg	4.82E-01	value
195	17	SOU195-197	Total PAH	1.64E-01	mg/kg	Avg	2.05E-01	value
195	17	SOU195-197	Uranium-235	9.30E-02	pCi/g	Avg	9.72E-02	value
195	17	SOU195-197	Uranium-238	1.67E+00	pCi/g	Avg	1.75E+00	value
195	17	SOU195-198	Arsenic	1.10E+01	mg/kg	Grid Value	9.36E+00	value
195	17	SOU195-198	Chromium	3.19E+01	mg/kg	Grid Value	6.77E+01	value
195	17	SOU195-198	Manganese	3.11E+02	mg/kg	Grid Value	5.02E+02	value
195	17	SOU195-198	Mercury	1.00E+01	mg/kg	Grid Value	7.24E+00	value
195	17	SOU195-198	Nickel	6.50E+01	mg/kg	Grid Value	7.09E+01	value
195	17	SOU195-198	PCB, Total	5.00E+00	mg/kg	Grid Value	7.40E-01	value
195	17	SOU195-198	Silver	1.00E+01	mg/kg	Grid Value	1.20E+01	value
195	17	SOU195-198	Thallium	4.50E-01	mg/kg	Avg	4.82E-01	value
195	17	SOU195-198	Total PAH	1.64E-01	mg/kg	Avg	2.05E-01	value
195	17	SOU195-198	Uranium-235	9.30E-02	pCi/g	Avg	9.72E-02	value
195	17	SOU195-198	Uranium-238	1.67E+00	pCi/g	Avg	1.75E+00	value
195	17	SOU195-199	Arsenic	7.24E+00	mg/kg	Grid Value	9.36E+00	value
195	17	SOU195-199	Chromium	1.03E+01	mg/kg	Grid Value	6.77E+01	value
195	17	SOU195-199	Manganese	6.47E+02	mg/kg	Grid Value	5.02E+02	value
195	17	SOU195-199	Mercury	2.05E-02	mg/kg	Grid Value	7.24E+00	value
195	17	SOU195-199	Nickel	8.90E+00	mg/kg	Grid Value	7.09E+01	value
195	17	SOU195-199	PCB, Total	3.80E-01	mg/kg	Grid Value	7.40E-01	value
195	17	SOU195-199	Silver	3.30E-02	mg/kg	Grid Value	1.20E+01	value
195	17	SOU195-199	Thallium	6.90E-01	mg/kg	Grid Value	4.82E-01	value
195	17	SOU195-199	Total PAH	1.17E-02	mg/kg	Grid Value	2.05E-01	value
195	17	SOU195-199	Uranium-235	5.40E-02	pCi/g	Grid Value	9.72E-02	value
195	17	SOU195-199	Uranium-238	8.50E-01	pCi/g	Grid Value	1.75E+00	value
195	17	SOU195-200	Arsenic	1.10E+01	mg/kg	Grid Value	9.36E+00	value
195	17	SOU195-200	Chromium	3.85E+01	mg/kg	Grid Value	6.77E+01	value
195	17	SOU195-200	Manganese	1.71E+02	mg/kg	Grid Value	5.02E+02	value
195	17	SOU195-200	Mercury	1.00E+01	mg/kg	Grid Value	7.24E+00	value
195	17	SOU195-200	Nickel	6.50E+01	mg/kg	Grid Value	7.09E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
195	17	SOU195-200	PCB, Total	5.00E+00	mg/kg	Grid Value	7.40E-01	value
195	17	SOU195-200	Silver	1.00E+01	mg/kg	Grid Value	1.20E+01	value
195	17	SOU195-200	Thallium	4.50E-01	mg/kg	Avg	4.82E-01	value
195	17	SOU195-200	Total PAH	1.64E-01	mg/kg	Avg	2.05E-01	value
195	17	SOU195-200	Uranium-235	9.30E-02	pCi/g	Avg	9.72E-02	value
195	17	SOU195-200	Uranium-238	1.67E+00	pCi/g	Avg	1.75E+00	value
195	17	SOU195-201	Arsenic	1.10E+01	mg/kg	Grid Value	9.36E+00	value
195	17	SOU195-201	Chromium	8.50E+01	mg/kg	Grid Value	6.77E+01	value
195	17	SOU195-201	Manganese	1.79E+02	mg/kg	Grid Value	5.02E+02	value
195	17	SOU195-201	Mercury	1.00E+01	mg/kg	Grid Value	7.24E+00	value
195	17	SOU195-201	Nickel	6.50E+01	mg/kg	Grid Value	7.09E+01	value
195	17	SOU195-201	PCB, Total	5.00E+00	mg/kg	Grid Value	7.40E-01	value
195	17	SOU195-201	Silver	1.00E+01	mg/kg	Grid Value	1.20E+01	value
195	17	SOU195-201	Thallium	4.50E-01	mg/kg	Avg	4.82E-01	value
195	17	SOU195-201	Total PAH	1.64E-01	mg/kg	Avg	2.05E-01	value
195	17	SOU195-201	Uranium-235	9.30E-02	pCi/g	Avg	9.72E-02	value
195	17	SOU195-201	Uranium-238	1.67E+00	pCi/g	Avg	1.75E+00	value
195	17	SOU195-202	Arsenic	1.10E+01	mg/kg	Grid Value	9.36E+00	value
195	17	SOU195-202	Chromium	8.50E+01	mg/kg	Grid Value	6.77E+01	value
195	17	SOU195-202	Manganese	1.83E+02	mg/kg	Grid Value	5.02E+02	value
195	17	SOU195-202	Mercury	1.00E+01	mg/kg	Grid Value	7.24E+00	value
195	17	SOU195-202	Nickel	6.50E+01	mg/kg	Grid Value	7.09E+01	value
195	17	SOU195-202	PCB, Total	5.00E+00	mg/kg	Grid Value	7.40E-01	value
195	17	SOU195-202	Silver	1.00E+01	mg/kg	Grid Value	1.20E+01	value
195	17	SOU195-202	Thallium	4.50E-01	mg/kg	Avg	4.82E-01	value
195	17	SOU195-202	Total PAH	1.64E-01	mg/kg	Avg	2.05E-01	value
195	17	SOU195-202	Uranium-235	9.30E-02	pCi/g	Avg	9.72E-02	value
195	17	SOU195-202	Uranium-238	1.67E+00	pCi/g	Avg	1.75E+00	value
195	17	SOU195-203	Arsenic	1.10E+01	mg/kg	Grid Value	9.36E+00	value
195	17	SOU195-203	Chromium	5.61E+01	mg/kg	Grid Value	6.77E+01	value
195	17	SOU195-203	Manganese	7.31E+02	mg/kg	Grid Value	5.02E+02	value
195	17	SOU195-203	Mercury	1.00E+01	mg/kg	Grid Value	7.24E+00	value
195	17	SOU195-203	Nickel	6.47E+01	mg/kg	Grid Value	7.09E+01	value
195	17	SOU195-203	PCB, Total	5.00E+00	mg/kg	Grid Value	7.40E-01	value
195	17	SOU195-203	Silver	1.00E+01	mg/kg	Grid Value	1.20E+01	value
195	17	SOU195-203	Thallium	4.50E-01	mg/kg	Avg	4.82E-01	value
195	17	SOU195-203	Total PAH	1.64E-01	mg/kg	Avg	2.05E-01	value
195	17	SOU195-203	Uranium-235	9.30E-02	pCi/g	Avg	9.72E-02	value
195	17	SOU195-203	Uranium-238	1.67E+00	pCi/g	Avg	1.75E+00	value
195	17	SOU195-204	Arsenic	1.10E+01	mg/kg	Grid Value	9.36E+00	value
195	17	SOU195-204	Chromium	4.46E+01	mg/kg	Grid Value	6.77E+01	value
195	17	SOU195-204	Manganese	2.30E+02	mg/kg	Grid Value	5.02E+02	value
195	17	SOU195-204	Mercury	1.00E+01	mg/kg	Grid Value	7.24E+00	value
195	17	SOU195-204	Nickel	6.50E+01	mg/kg	Grid Value	7.09E+01	value
195	17	SOU195-204	PCB, Total	5.00E+00	mg/kg	Grid Value	7.40E-01	value
195	17	SOU195-204	Silver	1.00E+01	mg/kg	Grid Value	1.20E+01	value
195	17	SOU195-204	Thallium	4.50E-01	mg/kg	Avg	4.82E-01	value
195	17	SOU195-204	Total PAH	1.64E-01	mg/kg	Avg	2.05E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
195	17	SOU195-204	Uranium-235	9.30E-02	pCi/g	Avg	9.72E-02	value
195	17	SOU195-204	Uranium-238	1.67E+00	pCi/g	Avg	1.75E+00	value
195	17	SOU195-205	Arsenic	1.10E+01	mg/kg	Grid Value	9.36E+00	value
195	17	SOU195-205	Chromium	4.98E+01	mg/kg	Grid Value	6.77E+01	value
195	17	SOU195-205	Manganese	2.00E+02	mg/kg	Grid Value	5.02E+02	value
195	17	SOU195-205	Mercury	1.00E+01	mg/kg	Grid Value	7.24E+00	value
195	17	SOU195-205	Nickel	5.93E+01	mg/kg	Grid Value	7.09E+01	value
195	17	SOU195-205	PCB, Total	5.00E+00	mg/kg	Grid Value	7.40E-01	value
195	17	SOU195-205	Silver	1.00E+01	mg/kg	Grid Value	1.20E+01	value
195	17	SOU195-205	Thallium	4.50E-01	mg/kg	Avg	4.82E-01	value
195	17	SOU195-205	Total PAH	1.64E-01	mg/kg	Avg	2.05E-01	value
195	17	SOU195-205	Uranium-235	9.30E-02	pCi/g	Avg	9.72E-02	value
195	17	SOU195-205	Uranium-238	1.67E+00	pCi/g	Avg	1.75E+00	value
195	17	SOU195-206	Arsenic	1.10E+01	mg/kg	Grid Value	9.36E+00	value
195	17	SOU195-206	Chromium	4.79E+01	mg/kg	Grid Value	6.77E+01	value
195	17	SOU195-206	Manganese	1.72E+02	mg/kg	Grid Value	5.02E+02	value
195	17	SOU195-206	Mercury	1.00E+01	mg/kg	Grid Value	7.24E+00	value
195	17	SOU195-206	Nickel	6.50E+01	mg/kg	Grid Value	7.09E+01	value
195	17	SOU195-206	PCB, Total	5.00E+00	mg/kg	Grid Value	7.40E-01	value
195	17	SOU195-206	Silver	1.00E+01	mg/kg	Grid Value	1.20E+01	value
195	17	SOU195-206	Thallium	4.50E-01	mg/kg	Avg	4.82E-01	value
195	17	SOU195-206	Total PAH	1.64E-01	mg/kg	Avg	2.05E-01	value
195	17	SOU195-206	Uranium-235	9.30E-02	pCi/g	Avg	9.72E-02	value
195	17	SOU195-206	Uranium-238	1.67E+00	pCi/g	Avg	1.75E+00	value
195	17	SOU195-207	Arsenic	1.10E+01	mg/kg	Grid Value	9.36E+00	value
195	17	SOU195-207	Chromium	6.06E+01	mg/kg	Grid Value	6.77E+01	value
195	17	SOU195-207	Manganese	2.13E+02	mg/kg	Grid Value	5.02E+02	value
195	17	SOU195-207	Mercury	1.00E+01	mg/kg	Grid Value	7.24E+00	value
195	17	SOU195-207	Nickel	6.50E+01	mg/kg	Grid Value	7.09E+01	value
195	17	SOU195-207	PCB, Total	5.00E+00	mg/kg	Grid Value	7.40E-01	value
195	17	SOU195-207	Silver	1.00E+01	mg/kg	Grid Value	1.20E+01	value
195	17	SOU195-207	Thallium	4.50E-01	mg/kg	Avg	4.82E-01	value
195	17	SOU195-207	Total PAH	1.64E-01	mg/kg	Avg	2.05E-01	value
195	17	SOU195-207	Uranium-235	9.30E-02	pCi/g	Avg	9.72E-02	value
195	17	SOU195-207	Uranium-238	1.67E+00	pCi/g	Avg	1.75E+00	value
195	17	SOU195-208	Arsenic	9.36E+00	mg/kg	Grid Value	9.36E+00	value
195	17	SOU195-208	Chromium	5.19E+01	mg/kg	Grid Value	6.77E+01	value
195	17	SOU195-208	Manganese	5.66E+02	mg/kg	Grid Value	5.02E+02	value
195	17	SOU195-208	Mercury	1.00E+01	mg/kg	Grid Value	7.24E+00	value
195	17	SOU195-208	Nickel	5.97E+01	mg/kg	Grid Value	7.09E+01	value
195	17	SOU195-208	PCB, Total	5.00E+00	mg/kg	Grid Value	7.40E-01	value
195	17	SOU195-208	Silver	1.00E+01	mg/kg	Grid Value	1.20E+01	value
195	17	SOU195-208	Thallium	4.50E-01	mg/kg	Avg	4.82E-01	value
195	17	SOU195-208	Total PAH	1.64E-01	mg/kg	Avg	2.05E-01	value
195	17	SOU195-208	Uranium-235	9.30E-02	pCi/g	Avg	9.72E-02	value
195	17	SOU195-208	Uranium-238	1.67E+00	pCi/g	Avg	1.75E+00	value
195	17	SOU195-209	Arsenic	1.10E+01	mg/kg	Grid Value	9.36E+00	value
195	17	SOU195-209	Chromium	5.09E+01	mg/kg	Grid Value	6.77E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
195	17	SOU195-209	Manganese	3.91E+02	mg/kg	Grid Value	5.02E+02	value
195	17	SOU195-209	Mercury	1.00E+01	mg/kg	Grid Value	7.24E+00	value
195	17	SOU195-209	Nickel	6.50E+01	mg/kg	Grid Value	7.09E+01	value
195	17	SOU195-209	PCB, Total	5.00E+00	mg/kg	Grid Value	7.40E-01	value
195	17	SOU195-209	Silver	1.00E+01	mg/kg	Grid Value	1.20E+01	value
195	17	SOU195-209	Thallium	4.50E-01	mg/kg	Avg	4.82E-01	value
195	17	SOU195-209	Total PAH	1.64E-01	mg/kg	Avg	2.05E-01	value
195	17	SOU195-209	Uranium-235	9.30E-02	pCi/g	Avg	9.72E-02	value
195	17	SOU195-209	Uranium-238	1.67E+00	pCi/g	Avg	1.75E+00	value
486	1	RAD	Cesium-137	1.71E+00	pCi/g	Grid Value	1.71E+00	maximum value
487	1	RAD	Cesium-137	1.38E+00	pCi/g	Grid Value	1.38E+00	maximum value
492	1	SOU492-001	Arsenic	1.47E+01	mg/kg	Grid Value	1.47E+01	maximum value
492	1	SOU492-001	Beryllium	1.04E+01	mg/kg	Grid Value	1.04E+01	maximum value
492	1	SOU492-001	Cadmium	3.14E+00	mg/kg	Grid Value	3.14E+00	maximum value
492	1	SOU492-001	Chromium	1.04E+03	mg/kg	Grid Value	1.04E+03	maximum value
492	1	SOU492-001	PCB, Total	4.41E+01	mg/kg	Grid Value	4.41E+01	maximum value
492	1	SOU492-001	Uranium	1.77E+03	mg/kg	Grid Value	1.77E+03	maximum value
492	1	SOU492-001	Vanadium	4.32E+01	mg/kg	Grid Value	4.32E+01	maximum value
492	1	SOU492-001	Cesium-137	3.46E-01	pCi/g	Grid Value	3.46E-01	maximum value
492	1	SOU492-001	Cobalt-60	9.63E-03	pCi/g	Grid Value	9.63E-03	maximum value
492	1	SOU492-001	Neptunium-237	2.09E-01	pCi/g	Grid Value	2.09E-01	maximum value
492	1	SOU492-001	Uranium-234	5.39E+01	pCi/g	Grid Value	5.39E+01	maximum value
492	1	SOU492-001	Uranium-235	5.72E+00	pCi/g	Grid Value	5.72E+00	maximum value
492	1	SOU492-001	Uranium-238	3.83E+02	pCi/g	Grid Value	3.83E+02	maximum value
493	1	ALL	Aluminum	1.44E+04	mg/kg	Grid Value	1.44E+04	maximum value
493	1	ALL	Arsenic	1.18E+01	mg/kg	Grid Value	1.18E+01	maximum value
493	1	ALL	Barium	4.04E+02	mg/kg	Grid Value	4.04E+02	maximum value
493	1	ALL	Beryllium	9.91E-01	mg/kg	Grid Value	9.91E-01	maximum value
493	1	ALL	Chromium	6.61E+01	mg/kg	Grid Value	6.61E+01	maximum value
493	1	ALL	Cobalt	3.79E+01	mg/kg	Grid Value	3.79E+01	maximum value
493	1	ALL	Manganese	3.55E+03	mg/kg	Grid Value	3.55E+03	maximum value
493	1	ALL	Mercury	2.60E-01	mg/kg	Grid Value	2.60E-01	maximum value
493	1	ALL	Nickel	2.13E+02	mg/kg	Grid Value	2.13E+02	maximum value
493	1	ALL	PCB, Total	2.60E-01	mg/kg	Grid Value	2.60E-01	maximum value
493	1	ALL	Thallium	2.00E+01	mg/kg	Grid Value	6.90E-01	maximum value
493	1	ALL	Total PAH	5.00E-01	mg/kg	Grid Value	5.00E-01	maximum value
493	1	ALL	Vanadium	4.05E+01	mg/kg	Grid Value	4.05E+01	maximum value
493	1	ALL	Cesium-137	1.85E-01	pCi/g	Grid Value	2.92E-01	maximum value
493	1	ALL	Cobalt-60	1.36E-02	pCi/g	Grid Value	1.36E-02	maximum value
493	1	ALL	Neptunium-237	1.22E-01	pCi/g	Grid Value	1.22E-01	maximum value
493	1	ALL	Uranium-235	1.65E-01	pCi/g	Grid Value	1.65E-01	maximum value
493	1	ALL	Uranium-238	5.50E+00	pCi/g	Grid Value	5.50E+00	maximum value
517	1	SOU517-001	Aluminum	1.20E+04	mg/kg	Grid Value	1.20E+04	maximum value
517	1	SOU517-001	Beryllium	7.39E-01	mg/kg	Grid Value	7.39E-01	maximum value
517	1	SOU517-001	Chromium	4.91E+01	mg/kg	Grid Value	4.91E+01	maximum value
517	1	SOU517-001	Nickel	1.72E+02	mg/kg	Grid Value	1.72E+02	maximum value
517	1	SOU517-001	PCB, Total	5.00E-01	mg/kg	Grid Value	5.00E-01	maximum value
517	1	SOU517-001	Thallium	2.00E+01	mg/kg	Grid Value	4.20E-01	maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
517	1	SOU517-001	Cobalt-60	6.39E-03	pCi/g	Grid Value	6.39E-03	maximum value
517	1	SOU517-001	Neptunium-237	1.07E+00	pCi/g	Grid Value	1.07E+00	maximum value
517	1	SOU517-001	Uranium-235	1.60E-01	pCi/g	Grid Value	1.60E-01	maximum value
517	1	SOU517-001	Uranium-238	3.89E+00	pCi/g	Grid Value	3.89E+00	maximum value
541	1	SOU541-001	Aluminum	1.26E+04	mg/kg	Grid Value	1.49E+04	value
541	1	SOU541-001	Arsenic	8.96E+00	mg/kg	Grid Value	9.08E+00	value
541	1	SOU541-001	Barium	1.05E+02	mg/kg	Grid Value	1.36E+02	value
541	1	SOU541-001	Beryllium	5.35E-01	mg/kg	Grid Value	7.40E-01	value
541	1	SOU541-001	Cadmium	2.23E+00	mg/kg	Grid Value	1.60E+00	value
541	1	SOU541-001	Chromium	8.51E+01	mg/kg	Grid Value	9.44E+02	value
541	1	SOU541-001	Iron	1.86E+04	mg/kg	Grid Value	1.88E+04	value
541	1	SOU541-001	Manganese	6.38E+02	mg/kg	Grid Value	4.97E+02	value
541	1	SOU541-001	Mercury	1.90E-02	mg/kg	Grid Value	2.02E-01	value
541	1	SOU541-001	Naphthalene	4.90E-01	mg/kg	Grid Value	6.53E-01	value
541	1	SOU541-001	Nickel	8.43E+00	mg/kg	Grid Value	1.58E+01	value
541	1	SOU541-001	PCB, Total	6.08E+00	mg/kg	Grid Value	6.18E+01	value
541	1	SOU541-001	Total PAH	2.44E+00	mg/kg	Grid Value	3.15E+00	value
541	1	SOU541-001	Uranium	9.40E+02	mg/kg	Grid Value	7.39E+03	value
541	1	SOU541-001	Vanadium	2.48E+01	mg/kg	Grid Value	3.54E+01	value
541	1	SOU541-001	Americium-241	-9.92E-04	pCi/g	Grid Value	7.53E+00	value
541	1	SOU541-001	Cesium-137	2.11E-01	pCi/g	Grid Value	9.72E-01	value
541	1	SOU541-001	Cobalt-60	6.26E-03	pCi/g	Avg	1.01E-02	value
541	1	SOU541-001	Neptunium-237	3.29E-05	pCi/g	Grid Value	5.69E-02	value
541	1	SOU541-001	Uranium-234	4.90E+00	pCi/g	Grid Value	1.44E+02	value
541	1	SOU541-001	Uranium-235	6.42E-01	pCi/g	Grid Value	2.26E+01	value
541	1	SOU541-001	Uranium-238	4.56E+01	pCi/g	Grid Value	1.11E+03	value
541	1	SOU541-002	Aluminum	1.59E+04	mg/kg	Grid Value	1.49E+04	value
541	1	SOU541-002	Arsenic	6.47E+00	mg/kg	Grid Value	9.08E+00	value
541	1	SOU541-002	Barium	1.08E+02	mg/kg	Grid Value	1.36E+02	value
541	1	SOU541-002	Beryllium	5.19E-01	mg/kg	Grid Value	7.40E-01	value
541	1	SOU541-002	Cadmium	2.24E+00	mg/kg	Grid Value	1.60E+00	value
541	1	SOU541-002	Chromium	2.04E+02	mg/kg	Grid Value	9.44E+02	value
541	1	SOU541-002	Iron	1.39E+04	mg/kg	Grid Value	1.88E+04	value
541	1	SOU541-002	Manganese	4.52E+02	mg/kg	Grid Value	4.97E+02	value
541	1	SOU541-002	Mercury	3.10E-02	mg/kg	Grid Value	2.02E-01	value
541	1	SOU541-002	Naphthalene	4.80E-01	mg/kg	Grid Value	6.53E-01	value
541	1	SOU541-002	Nickel	1.11E+01	mg/kg	Grid Value	1.58E+01	value
541	1	SOU541-002	PCB, Total	1.22E+01	mg/kg	Grid Value	6.18E+01	value
541	1	SOU541-002	Total PAH	8.50E-04	mg/kg	Grid Value	3.15E+00	value
541	1	SOU541-002	Uranium	1.15E+03	mg/kg	Grid Value	7.39E+03	value
541	1	SOU541-002	Vanadium	3.22E+01	mg/kg	Grid Value	3.54E+01	value
541	1	SOU541-002	Americium-241	-4.45E-03	pCi/g	Grid Value	7.53E+00	value
541	1	SOU541-002	Cesium-137	2.10E-01	pCi/g	Grid Value	9.72E-01	value
541	1	SOU541-002	Cobalt-60	6.26E-03	pCi/g	Avg	1.01E-02	value
541	1	SOU541-002	Neptunium-237	1.58E-03	pCi/g	Grid Value	5.69E-02	value
541	1	SOU541-002	Uranium-234	1.81E+01	pCi/g	Grid Value	1.44E+02	value
541	1	SOU541-002	Uranium-235	6.00E+00	pCi/g	Grid Value	2.26E+01	value
541	1	SOU541-002	Uranium-238	2.53E+02	pCi/g	Grid Value	1.11E+03	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
541	1	SOU541-003	Aluminum	1.44E+04	mg/kg	Grid Value	1.49E+04	value
541	1	SOU541-003	Arsenic	7.29E+00	mg/kg	Grid Value	9.08E+00	value
541	1	SOU541-003	Barium	1.07E+02	mg/kg	Grid Value	1.36E+02	value
541	1	SOU541-003	Beryllium	5.88E-01	mg/kg	Grid Value	7.40E-01	value
541	1	SOU541-003	Cadmium	2.30E+00	mg/kg	Grid Value	1.60E+00	value
541	1	SOU541-003	Chromium	4.64E+02	mg/kg	Grid Value	9.44E+02	value
541	1	SOU541-003	Iron	1.66E+04	mg/kg	Grid Value	1.88E+04	value
541	1	SOU541-003	Manganese	3.56E+02	mg/kg	Grid Value	4.97E+02	value
541	1	SOU541-003	Mercury	2.70E-02	mg/kg	Grid Value	2.02E-01	value
541	1	SOU541-003	Naphthalene	5.00E-01	mg/kg	Grid Value	6.53E-01	value
541	1	SOU541-003	Nickel	1.08E+01	mg/kg	Grid Value	1.58E+01	value
541	1	SOU541-003	PCB, Total	5.00E+01	mg/kg	Grid Value	6.18E+01	value
541	1	SOU541-003	Total PAH	9.33E-01	mg/kg	Grid Value	3.15E+00	value
541	1	SOU541-003	Uranium	3.81E+03	mg/kg	Grid Value	7.39E+03	value
541	1	SOU541-003	Vanadium	3.31E+01	mg/kg	Grid Value	3.54E+01	value
541	1	SOU541-003	Americium-241	1.18E-03	pCi/g	Grid Value	7.53E+00	value
541	1	SOU541-003	Cesium-137	1.17E-01	pCi/g	Grid Value	9.72E-01	value
541	1	SOU541-003	Cobalt-60	6.26E-03	pCi/g	Avg	1.01E-02	value
541	1	SOU541-003	Neptunium-237	-4.76E-04	pCi/g	Grid Value	5.69E-02	value
541	1	SOU541-003	Uranium-234	1.42E+01	pCi/g	Grid Value	1.44E+02	value
541	1	SOU541-003	Uranium-235	2.14E+00	pCi/g	Grid Value	2.26E+01	value
541	1	SOU541-003	Uranium-238	1.42E+02	pCi/g	Grid Value	1.11E+03	value
541	1	SOU541-004	Aluminum	1.63E+04	mg/kg	Grid Value	1.49E+04	value
541	1	SOU541-004	Arsenic	5.97E+00	mg/kg	Grid Value	9.08E+00	value
541	1	SOU541-004	Barium	1.18E+02	mg/kg	Grid Value	1.36E+02	value
541	1	SOU541-004	Beryllium	4.84E-01	mg/kg	Grid Value	7.40E-01	value
541	1	SOU541-004	Cadmium	2.28E+00	mg/kg	Grid Value	1.60E+00	value
541	1	SOU541-004	Chromium	1.23E+02	mg/kg	Grid Value	9.44E+02	value
541	1	SOU541-004	Iron	1.33E+04	mg/kg	Grid Value	1.88E+04	value
541	1	SOU541-004	Manganese	4.65E+02	mg/kg	Grid Value	4.97E+02	value
541	1	SOU541-004	Mercury	2.10E-02	mg/kg	Grid Value	2.02E-01	value
541	1	SOU541-004	Naphthalene	4.90E-01	mg/kg	Grid Value	6.53E-01	value
541	1	SOU541-004	Nickel	9.60E+00	mg/kg	Grid Value	1.58E+01	value
541	1	SOU541-004	PCB, Total	5.00E+01	mg/kg	Grid Value	6.18E+01	value
541	1	SOU541-004	Total PAH	2.60E-01	mg/kg	Grid Value	3.15E+00	value
541	1	SOU541-004	Uranium	1.42E+03	mg/kg	Grid Value	7.39E+03	value
541	1	SOU541-004	Vanadium	3.00E+01	mg/kg	Grid Value	3.54E+01	value
541	1	SOU541-004	Americium-241	-3.02E-03	pCi/g	Grid Value	7.53E+00	value
541	1	SOU541-004	Cesium-137	2.21E-01	pCi/g	Grid Value	9.72E-01	value
541	1	SOU541-004	Cobalt-60	6.26E-03	pCi/g	Avg	1.01E-02	value
541	1	SOU541-004	Neptunium-237	8.10E-03	pCi/g	Grid Value	5.69E-02	value
541	1	SOU541-004	Uranium-234	2.09E+01	pCi/g	Grid Value	1.44E+02	value
541	1	SOU541-004	Uranium-235	5.68E+00	pCi/g	Grid Value	2.26E+01	value
541	1	SOU541-004	Uranium-238	2.22E+02	pCi/g	Grid Value	1.11E+03	value
541	1	SOU541-005	Aluminum	1.64E+04	mg/kg	Grid Value	1.49E+04	value
541	1	SOU541-005	Arsenic	2.33E+01	mg/kg	Grid Value	9.08E+00	value
541	1	SOU541-005	Barium	2.30E+02	mg/kg	Grid Value	1.36E+02	value
541	1	SOU541-005	Beryllium	9.57E-01	mg/kg	Grid Value	7.40E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
541	1	SOU541-005	Cadmium	1.13E+00	mg/kg	Grid Value	1.60E+00	value
541	1	SOU541-005	Chromium	3.67E+02	mg/kg	Grid Value	9.44E+02	value
541	1	SOU541-005	Iron	2.87E+04	mg/kg	Grid Value	1.88E+04	value
541	1	SOU541-005	Manganese	7.11E+02	mg/kg	Grid Value	4.97E+02	value
541	1	SOU541-005	Mercury	2.30E-01	mg/kg	Grid Value	2.02E-01	value
541	1	SOU541-005	Naphthalene	4.60E-01	mg/kg	Grid Value	6.53E-01	value
541	1	SOU541-005	Nickel	1.67E+01	mg/kg	Grid Value	1.58E+01	value
541	1	SOU541-005	PCB, Total	5.00E+01	mg/kg	Grid Value	6.18E+01	value
541	1	SOU541-005	Total PAH	5.04E+00	mg/kg	Grid Value	3.15E+00	value
541	1	SOU541-005	Uranium	6.03E+03	mg/kg	Grid Value	7.39E+03	value
541	1	SOU541-005	Vanadium	5.17E+01	mg/kg	Grid Value	3.54E+01	value
541	1	SOU541-005	Americium-241	1.76E+00	pCi/g	Grid Value	7.53E+00	value
541	1	SOU541-005	Cesium-137	5.06E-01	pCi/g	Grid Value	9.72E-01	value
541	1	SOU541-005	Cobalt-60	7.16E-03	pCi/g	Grid Value	1.01E-02	value
541	1	SOU541-005	Neptunium-237	3.23E-02	pCi/g	Grid Value	5.69E-02	value
541	1	SOU541-005	Uranium-234	5.91E+01	pCi/g	Grid Value	1.44E+02	value
541	1	SOU541-005	Uranium-235	8.84E+00	pCi/g	Grid Value	2.26E+01	value
541	1	SOU541-005	Uranium-238	5.02E+02	pCi/g	Grid Value	1.11E+03	value
541	1	SOU541-006	Aluminum	1.60E+04	mg/kg	Grid Value	1.49E+04	value
541	1	SOU541-006	Arsenic	7.26E+00	mg/kg	Grid Value	9.08E+00	value
541	1	SOU541-006	Barium	1.67E+02	mg/kg	Grid Value	1.36E+02	value
541	1	SOU541-006	Beryllium	1.46E+00	mg/kg	Grid Value	7.40E-01	value
541	1	SOU541-006	Cadmium	2.28E+00	mg/kg	Grid Value	1.60E+00	value
541	1	SOU541-006	Chromium	1.03E+03	mg/kg	Grid Value	9.44E+02	value
541	1	SOU541-006	Iron	2.96E+04	mg/kg	Grid Value	1.88E+04	value
541	1	SOU541-006	Manganese	4.15E+02	mg/kg	Grid Value	4.97E+02	value
541	1	SOU541-006	Mercury	6.70E-01	mg/kg	Grid Value	2.02E-01	value
541	1	SOU541-006	Naphthalene	4.60E-01	mg/kg	Grid Value	6.53E-01	value
541	1	SOU541-006	Nickel	2.84E+01	mg/kg	Grid Value	1.58E+01	value
541	1	SOU541-006	PCB, Total	9.40E+01	mg/kg	Grid Value	6.18E+01	value
541	1	SOU541-006	Total PAH	5.73E+00	mg/kg	Grid Value	3.15E+00	value
541	1	SOU541-006	Uranium	2.02E+04	mg/kg	Grid Value	7.39E+03	value
541	1	SOU541-006	Vanadium	4.97E+01	mg/kg	Grid Value	3.54E+01	value
541	1	SOU541-006	Americium-241	8.96E+00	pCi/g	Grid Value	7.53E+00	value
541	1	SOU541-006	Cesium-137	2.33E+00	pCi/g	Grid Value	9.72E-01	value
541	1	SOU541-006	Cobalt-60	7.70E-03	pCi/g	Grid Value	1.01E-02	value
541	1	SOU541-006	Neptunium-237	9.48E-02	pCi/g	Grid Value	5.69E-02	value
541	1	SOU541-006	Uranium-234	7.13E+02	pCi/g	Grid Value	1.44E+02	value
541	1	SOU541-006	Uranium-235	6.51E+01	pCi/g	Grid Value	2.26E+01	value
541	1	SOU541-006	Uranium-238	4.54E+03	pCi/g	Grid Value	1.11E+03	value
541	1	SOU541-007	Aluminum	1.92E+04	mg/kg	Grid Value	1.49E+04	value
541	1	SOU541-007	Arsenic	7.75E+00	mg/kg	Grid Value	9.08E+00	value
541	1	SOU541-007	Barium	1.90E+02	mg/kg	Grid Value	1.36E+02	value
541	1	SOU541-007	Beryllium	1.28E+00	mg/kg	Grid Value	7.40E-01	value
541	1	SOU541-007	Cadmium	2.75E+00	mg/kg	Grid Value	1.60E+00	value
541	1	SOU541-007	Chromium	9.15E+02	mg/kg	Grid Value	9.44E+02	value
541	1	SOU541-007	Iron	2.26E+04	mg/kg	Grid Value	1.88E+04	value
541	1	SOU541-007	Manganese	8.21E+02	mg/kg	Grid Value	4.97E+02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
541	1	SOU541-007	Mercury	2.90E-02	mg/kg	Grid Value	2.02E-01	value
541	1	SOU541-007	Naphthalene	1.80E+00	mg/kg	Grid Value	6.53E-01	value
541	1	SOU541-007	Nickel	3.28E+01	mg/kg	Grid Value	1.58E+01	value
541	1	SOU541-007	PCB, Total	6.80E+01	mg/kg	Grid Value	6.18E+01	value
541	1	SOU541-007	Total PAH	7.63E+00	mg/kg	Grid Value	3.15E+00	value
541	1	SOU541-007	Uranium	1.08E+04	mg/kg	Grid Value	7.39E+03	value
541	1	SOU541-007	Vanadium	4.62E+01	mg/kg	Grid Value	3.54E+01	value
541	1	SOU541-007	Americium-241	2.73E+01	pCi/g	Grid Value	7.53E+00	value
541	1	SOU541-007	Cesium-137	1.92E+00	pCi/g	Grid Value	9.72E-01	value
541	1	SOU541-007	Cobalt-60	7.55E-03	pCi/g	Grid Value	1.01E-02	value
541	1	SOU541-007	Neptunium-237	1.81E-01	pCi/g	Grid Value	5.69E-02	value
541	1	SOU541-007	Uranium-234	2.53E+02	pCi/g	Grid Value	1.44E+02	value
541	1	SOU541-007	Uranium-235	2.35E+01	pCi/g	Grid Value	2.26E+01	value
541	1	SOU541-007	Uranium-238	1.69E+03	pCi/g	Grid Value	1.11E+03	value
541	1	SOU541-008	Aluminum	1.58E+04	mg/kg	Grid Value	1.49E+04	value
541	1	SOU541-008	Arsenic	5.25E+00	mg/kg	Grid Value	9.08E+00	value
541	1	SOU541-008	Barium	1.29E+02	mg/kg	Grid Value	1.36E+02	value
541	1	SOU541-008	Beryllium	8.89E-01	mg/kg	Grid Value	7.40E-01	value
541	1	SOU541-008	Cadmium	5.46E-01	mg/kg	Grid Value	1.60E+00	value
541	1	SOU541-008	Chromium	1.44E+03	mg/kg	Grid Value	9.44E+02	value
541	1	SOU541-008	Iron	1.83E+04	mg/kg	Grid Value	1.88E+04	value
541	1	SOU541-008	Manganese	4.81E+02	mg/kg	Grid Value	4.97E+02	value
541	1	SOU541-008	Mercury	2.70E-02	mg/kg	Grid Value	2.02E-01	value
541	1	SOU541-008	Naphthalene	4.70E-01	mg/kg	Grid Value	6.53E-01	value
541	1	SOU541-008	Nickel	1.24E+01	mg/kg	Grid Value	1.58E+01	value
541	1	SOU541-008	PCB, Total	5.00E+01	mg/kg	Grid Value	6.18E+01	value
541	1	SOU541-008	Total PAH	1.37E+00	mg/kg	Grid Value	3.15E+00	value
541	1	SOU541-008	Uranium	6.00E+03	mg/kg	Grid Value	7.39E+03	value
541	1	SOU541-008	Vanadium	4.07E+01	mg/kg	Grid Value	3.54E+01	value
541	1	SOU541-008	Americium-241	2.35E+00	pCi/g	Grid Value	7.53E+00	value
541	1	SOU541-008	Cesium-137	2.58E-01	pCi/g	Grid Value	9.72E-01	value
541	1	SOU541-008	Cobalt-60	1.83E-02	pCi/g	Grid Value	1.01E-02	value
541	1	SOU541-008	Neptunium-237	2.13E-02	pCi/g	Grid Value	5.69E-02	value
541	1	SOU541-008	Uranium-234	1.78E+02	pCi/g	Grid Value	1.44E+02	value
541	1	SOU541-008	Uranium-235	1.64E+01	pCi/g	Grid Value	2.26E+01	value
541	1	SOU541-008	Uranium-238	1.16E+03	pCi/g	Grid Value	1.11E+03	value
541	1	SOU541-009	Aluminum	1.40E+04	mg/kg	Avg	1.49E+04	value
541	1	SOU541-009	Arsenic	7.70E+00	mg/kg	Avg	9.08E+00	value
541	1	SOU541-009	Barium	1.24E+02	mg/kg	Avg	1.36E+02	value
541	1	SOU541-009	Beryllium	6.45E-01	mg/kg	Avg	7.40E-01	value
541	1	SOU541-009	Cadmium	1.30E+00	mg/kg	Avg	1.60E+00	value
541	1	SOU541-009	Chromium	8.15E+02	mg/kg	Grid Value	9.44E+02	value
541	1	SOU541-009	Iron	1.71E+04	mg/kg	Avg	1.88E+04	value
541	1	SOU541-009	Manganese	4.42E+02	mg/kg	Avg	4.97E+02	value
541	1	SOU541-009	Mercury	7.74E-02	mg/kg	Avg	2.02E-01	value
541	1	SOU541-009	Naphthalene	5.55E-01	mg/kg	Avg	6.53E-01	value
541	1	SOU541-009	Nickel	1.37E+01	mg/kg	Avg	1.58E+01	value
541	1	SOU541-009	PCB, Total	5.00E+01	mg/kg	Grid Value	6.18E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
541	1	SOU541-009	Total PAH	2.70E-01	mg/kg	Grid Value	3.15E+00	value
541	1	SOU541-009	Uranium	6.13E+03	mg/kg	Grid Value	7.39E+03	value
541	1	SOU541-009	Vanadium	3.23E+01	mg/kg	Avg	3.54E+01	value
541	1	SOU541-009	Americium-241	-6.00E-04	pCi/g	Grid Value	7.53E+00	value
541	1	SOU541-009	Cesium-137	2.90E-01	pCi/g	Grid Value	9.72E-01	value
541	1	SOU541-009	Cobalt-60	6.26E-03	pCi/g	Avg	1.01E-02	value
541	1	SOU541-009	Neptunium-237	1.90E-02	pCi/g	Grid Value	5.69E-02	value
541	1	SOU541-009	Uranium-234	4.80E+01	pCi/g	Grid Value	1.44E+02	value
541	1	SOU541-009	Uranium-235	8.70E+00	pCi/g	Grid Value	2.26E+01	value
541	1	SOU541-009	Uranium-238	4.38E+02	pCi/g	Grid Value	1.11E+03	value
541	1	SOU541-010	Aluminum	1.41E+04	mg/kg	Grid Value	1.49E+04	value
541	1	SOU541-010	Arsenic	5.05E+00	mg/kg	Grid Value	9.08E+00	value
541	1	SOU541-010	Barium	1.30E+02	mg/kg	Grid Value	1.36E+02	value
541	1	SOU541-010	Beryllium	4.63E-01	mg/kg	Grid Value	7.40E-01	value
541	1	SOU541-010	Cadmium	8.10E-01	mg/kg	Grid Value	1.60E+00	value
541	1	SOU541-010	Chromium	5.44E+02	mg/kg	Grid Value	9.44E+02	value
541	1	SOU541-010	Iron	1.36E+04	mg/kg	Grid Value	1.88E+04	value
541	1	SOU541-010	Manganese	5.13E+02	mg/kg	Grid Value	4.97E+02	value
541	1	SOU541-010	Mercury	2.60E-02	mg/kg	Grid Value	2.02E-01	value
541	1	SOU541-010	Naphthalene	4.60E-01	mg/kg	Grid Value	6.53E-01	value
541	1	SOU541-010	Nickel	1.53E+01	mg/kg	Grid Value	1.58E+01	value
541	1	SOU541-010	PCB, Total	5.00E+01	mg/kg	Grid Value	6.18E+01	value
541	1	SOU541-010	Total PAH	8.00E-01	mg/kg	Grid Value	3.15E+00	value
541	1	SOU541-010	Uranium	3.22E+03	mg/kg	Grid Value	7.39E+03	value
541	1	SOU541-010	Vanadium	2.80E+01	mg/kg	Grid Value	3.54E+01	value
541	1	SOU541-010	Americium-241	1.38E-03	pCi/g	Grid Value	7.53E+00	value
541	1	SOU541-010	Cesium-137	1.96E-01	pCi/g	Grid Value	9.72E-01	value
541	1	SOU541-010	Cobalt-60	6.26E-03	pCi/g	Avg	1.01E-02	value
541	1	SOU541-010	Neptunium-237	-4.23E-03	pCi/g	Grid Value	5.69E-02	value
541	1	SOU541-010	Uranium-234	7.65E+00	pCi/g	Grid Value	1.44E+02	value
541	1	SOU541-010	Uranium-235	1.29E+00	pCi/g	Grid Value	2.26E+01	value
541	1	SOU541-010	Uranium-238	8.43E+01	pCi/g	Grid Value	1.11E+03	value
541	1	SOU541-011	Aluminum	1.57E+04	mg/kg	Grid Value	1.49E+04	value
541	1	SOU541-011	Arsenic	6.75E+00	mg/kg	Grid Value	9.08E+00	value
541	1	SOU541-011	Barium	1.22E+02	mg/kg	Grid Value	1.36E+02	value
541	1	SOU541-011	Beryllium	4.44E-01	mg/kg	Grid Value	7.40E-01	value
541	1	SOU541-011	Cadmium	9.90E-01	mg/kg	Grid Value	1.60E+00	value
541	1	SOU541-011	Chromium	1.01E+03	mg/kg	Grid Value	9.44E+02	value
541	1	SOU541-011	Iron	1.63E+04	mg/kg	Grid Value	1.88E+04	value
541	1	SOU541-011	Manganese	3.12E+02	mg/kg	Grid Value	4.97E+02	value
541	1	SOU541-011	Mercury	2.30E-02	mg/kg	Grid Value	2.02E-01	value
541	1	SOU541-011	Naphthalene	4.80E-01	mg/kg	Grid Value	6.53E-01	value
541	1	SOU541-011	Nickel	1.34E+01	mg/kg	Grid Value	1.58E+01	value
541	1	SOU541-011	PCB, Total	5.00E+01	mg/kg	Grid Value	6.18E+01	value
541	1	SOU541-011	Total PAH	3.60E-01	mg/kg	Grid Value	3.15E+00	value
541	1	SOU541-011	Uranium	8.52E+03	mg/kg	Grid Value	7.39E+03	value
541	1	SOU541-011	Vanadium	2.99E+01	mg/kg	Grid Value	3.54E+01	value
541	1	SOU541-011	Americium-241	1.22E-01	pCi/g	Grid Value	7.53E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
541	1	SOU541-011	Cesium-137	1.11E-01	pCi/g	Grid Value	9.72E-01	value
541	1	SOU541-011	Cobalt-60	-9.42E-03	pCi/g	Grid Value	1.01E-02	value
541	1	SOU541-011	Neptunium-237	3.97E-03	pCi/g	Grid Value	5.69E-02	value
541	1	SOU541-011	Uranium-234	1.41E+01	pCi/g	Grid Value	1.44E+02	value
541	1	SOU541-011	Uranium-235	1.90E+00	pCi/g	Grid Value	2.26E+01	value
541	1	SOU541-011	Uranium-238	1.22E+02	pCi/g	Grid Value	1.11E+03	value
541	1	SOU541-012	Aluminum	1.51E+04	mg/kg	Grid Value	1.49E+04	value
541	1	SOU541-012	Arsenic	7.09E+00	mg/kg	Grid Value	9.08E+00	value
541	1	SOU541-012	Barium	1.20E+02	mg/kg	Grid Value	1.36E+02	value
541	1	SOU541-012	Beryllium	4.70E-01	mg/kg	Grid Value	7.40E-01	value
541	1	SOU541-012	Cadmium	9.48E-01	mg/kg	Grid Value	1.60E+00	value
541	1	SOU541-012	Chromium	2.65E+02	mg/kg	Grid Value	9.44E+02	value
541	1	SOU541-012	Iron	1.80E+04	mg/kg	Grid Value	1.88E+04	value
541	1	SOU541-012	Manganese	1.98E+02	mg/kg	Grid Value	4.97E+02	value
541	1	SOU541-012	Mercury	4.00E-02	mg/kg	Grid Value	2.02E-01	value
541	1	SOU541-012	Naphthalene	5.00E-01	mg/kg	Grid Value	6.53E-01	value
541	1	SOU541-012	Nickel	1.34E+01	mg/kg	Grid Value	1.58E+01	value
541	1	SOU541-012	PCB, Total	5.00E+01	mg/kg	Grid Value	6.18E+01	value
541	1	SOU541-012	Total PAH	1.24E+00	mg/kg	Grid Value	3.15E+00	value
541	1	SOU541-012	Uranium	3.78E+03	mg/kg	Grid Value	7.39E+03	value
541	1	SOU541-012	Vanadium	3.84E+01	mg/kg	Grid Value	3.54E+01	value
541	1	SOU541-012	Americium-241	-3.97E-03	pCi/g	Grid Value	7.53E+00	value
541	1	SOU541-012	Cesium-137	1.92E-01	pCi/g	Grid Value	9.72E-01	value
541	1	SOU541-012	Cobalt-60	6.26E-03	pCi/g	Avg	1.01E-02	value
541	1	SOU541-012	Neptunium-237	1.10E-03	pCi/g	Grid Value	5.69E-02	value
541	1	SOU541-012	Uranium-234	7.96E+01	pCi/g	Grid Value	1.44E+02	value
541	1	SOU541-012	Uranium-235	5.48E+01	pCi/g	Grid Value	2.26E+01	value
541	1	SOU541-012	Uranium-238	1.66E+03	pCi/g	Grid Value	1.11E+03	value
541	1	SOU541-013	Aluminum	1.16E+04	mg/kg	Grid Value	1.49E+04	value
541	1	SOU541-013	Arsenic	6.06E+00	mg/kg	Grid Value	9.08E+00	value
541	1	SOU541-013	Barium	1.39E+02	mg/kg	Grid Value	1.36E+02	value
541	1	SOU541-013	Beryllium	4.29E-01	mg/kg	Grid Value	7.40E-01	value
541	1	SOU541-013	Cadmium	8.92E-01	mg/kg	Grid Value	1.60E+00	value
541	1	SOU541-013	Chromium	2.74E+02	mg/kg	Grid Value	9.44E+02	value
541	1	SOU541-013	Iron	1.22E+04	mg/kg	Grid Value	1.88E+04	value
541	1	SOU541-013	Manganese	3.41E+02	mg/kg	Grid Value	4.97E+02	value
541	1	SOU541-013	Mercury	4.90E-02	mg/kg	Grid Value	2.02E-01	value
541	1	SOU541-013	Naphthalene	4.90E-01	mg/kg	Grid Value	6.53E-01	value
541	1	SOU541-013	Nickel	1.63E+01	mg/kg	Grid Value	1.58E+01	value
541	1	SOU541-013	PCB, Total	5.00E+01	mg/kg	Grid Value	6.18E+01	value
541	1	SOU541-013	Total PAH	8.84E-01	mg/kg	Grid Value	3.15E+00	value
541	1	SOU541-013	Uranium	3.75E+03	mg/kg	Grid Value	7.39E+03	value
541	1	SOU541-013	Vanadium	2.33E+01	mg/kg	Grid Value	3.54E+01	value
541	1	SOU541-013	Americium-241	1.49E-02	pCi/g	Grid Value	7.53E+00	value
541	1	SOU541-013	Cesium-137	9.62E-01	pCi/g	Grid Value	9.72E-01	value
541	1	SOU541-013	Cobalt-60	6.26E-03	pCi/g	Avg	1.01E-02	value
541	1	SOU541-013	Neptunium-237	4.29E-03	pCi/g	Grid Value	5.69E-02	value
541	1	SOU541-013	Uranium-234	8.47E+01	pCi/g	Grid Value	1.44E+02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
541	1	SOU541-013	Uranium-235	4.30E+01	pCi/g	Grid Value	2.26E+01	value
541	1	SOU541-013	Uranium-238	1.02E+03	pCi/g	Grid Value	1.11E+03	value
541	1	SOU541-014	Aluminum	1.01E+04	mg/kg	Grid Value	1.49E+04	value
541	1	SOU541-014	Arsenic	1.87E+00	mg/kg	Grid Value	9.08E+00	value
541	1	SOU541-014	Barium	9.26E+01	mg/kg	Grid Value	1.36E+02	value
541	1	SOU541-014	Beryllium	4.81E-01	mg/kg	Grid Value	7.40E-01	value
541	1	SOU541-014	Cadmium	4.81E-01	mg/kg	Grid Value	1.60E+00	value
541	1	SOU541-014	Chromium	7.18E+01	mg/kg	Grid Value	9.44E+02	value
541	1	SOU541-014	Iron	9.98E+03	mg/kg	Grid Value	1.88E+04	value
541	1	SOU541-014	Manganese	1.04E+02	mg/kg	Grid Value	4.97E+02	value
541	1	SOU541-014	Mercury	2.10E-02	mg/kg	Grid Value	2.02E-01	value
541	1	SOU541-014	Naphthalene	4.60E-01	mg/kg	Grid Value	6.53E-01	value
541	1	SOU541-014	Nickel	8.39E+00	mg/kg	Grid Value	1.58E+01	value
541	1	SOU541-014	PCB, Total	5.10E-01	mg/kg	Grid Value	6.18E+01	value
541	1	SOU541-014	Total PAH	1.00E-02	mg/kg	Grid Value	3.15E+00	value
541	1	SOU541-014	Uranium	6.67E+02	mg/kg	Grid Value	7.39E+03	value
541	1	SOU541-014	Vanadium	1.93E+01	mg/kg	Grid Value	3.54E+01	value
541	1	SOU541-014	Americium-241	-3.77E-03	pCi/g	Grid Value	7.53E+00	value
541	1	SOU541-014	Cesium-137	1.17E-02	pCi/g	Grid Value	9.72E-01	value
541	1	SOU541-014	Cobalt-60	6.26E-03	pCi/g	Avg	1.01E-02	value
541	1	SOU541-014	Neptunium-237	-3.79E-03	pCi/g	Grid Value	5.69E-02	value
541	1	SOU541-014	Uranium-234	1.59E+00	pCi/g	Grid Value	1.44E+02	value
541	1	SOU541-014	Uranium-235	2.07E-01	pCi/g	Grid Value	2.26E+01	value
541	1	SOU541-014	Uranium-238	1.48E+01	pCi/g	Grid Value	1.11E+03	value
541	1	SOU541-015	Aluminum	1.40E+04	mg/kg	Avg	1.49E+04	value
541	1	SOU541-015	Arsenic	7.70E+00	mg/kg	Avg	9.08E+00	value
541	1	SOU541-015	Barium	1.24E+02	mg/kg	Avg	1.36E+02	value
541	1	SOU541-015	Beryllium	6.45E-01	mg/kg	Avg	7.40E-01	value
541	1	SOU541-015	Cadmium	1.30E+00	mg/kg	Avg	1.60E+00	value
541	1	SOU541-015	Chromium	6.19E+02	mg/kg	Grid Value	9.44E+02	value
541	1	SOU541-015	Iron	1.71E+04	mg/kg	Avg	1.88E+04	value
541	1	SOU541-015	Manganese	4.42E+02	mg/kg	Avg	4.97E+02	value
541	1	SOU541-015	Mercury	7.74E-02	mg/kg	Avg	2.02E-01	value
541	1	SOU541-015	Naphthalene	5.55E-01	mg/kg	Avg	6.53E-01	value
541	1	SOU541-015	Nickel	1.37E+01	mg/kg	Avg	1.58E+01	value
541	1	SOU541-015	PCB, Total	5.00E+01	mg/kg	Grid Value	6.18E+01	value
541	1	SOU541-015	Total PAH	4.20E-01	mg/kg	Grid Value	3.15E+00	value
541	1	SOU541-015	Uranium	7.01E+03	mg/kg	Grid Value	7.39E+03	value
541	1	SOU541-015	Vanadium	3.23E+01	mg/kg	Avg	3.54E+01	value
541	1	SOU541-015	Americium-241	2.25E+00	pCi/g	Avg	7.53E+00	value
541	1	SOU541-015	Cesium-137	4.56E-01	pCi/g	Avg	9.72E-01	value
541	1	SOU541-015	Cobalt-60	6.26E-03	pCi/g	Avg	1.01E-02	value
541	1	SOU541-015	Neptunium-237	1.96E-02	pCi/g	Avg	5.69E-02	value
541	1	SOU541-015	Uranium-234	8.57E+01	pCi/g	Avg	1.44E+02	value
541	1	SOU541-015	Uranium-235	1.35E+01	pCi/g	Avg	2.26E+01	value
541	1	SOU541-015	Uranium-238	6.83E+02	pCi/g	Avg	1.11E+03	value
541	1	SOU541-016	Aluminum	1.40E+04	mg/kg	Avg	1.49E+04	value
541	1	SOU541-016	Arsenic	7.70E+00	mg/kg	Avg	9.08E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
541	1	SOU541-016	Barium	1.24E+02	mg/kg	Avg	1.36E+02	value
541	1	SOU541-016	Beryllium	6.45E-01	mg/kg	Avg	7.40E-01	value
541	1	SOU541-016	Cadmium	1.30E+00	mg/kg	Avg	1.60E+00	value
541	1	SOU541-016	Chromium	1.41E+02	mg/kg	Grid Value	9.44E+02	value
541	1	SOU541-016	Iron	1.71E+04	mg/kg	Avg	1.88E+04	value
541	1	SOU541-016	Manganese	4.42E+02	mg/kg	Avg	4.97E+02	value
541	1	SOU541-016	Mercury	7.74E-02	mg/kg	Avg	2.02E-01	value
541	1	SOU541-016	Naphthalene	5.55E-01	mg/kg	Avg	6.53E-01	value
541	1	SOU541-016	Nickel	1.37E+01	mg/kg	Avg	1.58E+01	value
541	1	SOU541-016	PCB, Total	1.00E+00	mg/kg	Grid Value	6.18E+01	value
541	1	SOU541-016	Total PAH	2.61E-03	mg/kg	Grid Value	3.15E+00	value
541	1	SOU541-016	Uranium	5.39E+02	mg/kg	Grid Value	7.39E+03	value
541	1	SOU541-016	Vanadium	3.23E+01	mg/kg	Avg	3.54E+01	value
541	1	SOU541-016	Americium-241	2.25E+00	pCi/g	Avg	7.53E+00	value
541	1	SOU541-016	Cesium-137	4.56E-01	pCi/g	Avg	9.72E-01	value
541	1	SOU541-016	Cobalt-60	6.26E-03	pCi/g	Avg	1.01E-02	value
541	1	SOU541-016	Neptunium-237	1.96E-02	pCi/g	Avg	5.69E-02	value
541	1	SOU541-016	Uranium-234	8.57E+01	pCi/g	Avg	1.44E+02	value
541	1	SOU541-016	Uranium-235	1.35E+01	pCi/g	Avg	2.26E+01	value
541	1	SOU541-016	Uranium-238	6.83E+02	pCi/g	Avg	1.11E+03	value
541	1	SOU541-017	Aluminum	1.18E+04	mg/kg	Grid Value	1.49E+04	value
541	1	SOU541-017	Arsenic	8.19E+00	mg/kg	Grid Value	9.08E+00	value
541	1	SOU541-017	Barium	8.12E+01	mg/kg	Grid Value	1.36E+02	value
541	1	SOU541-017	Beryllium	4.77E-01	mg/kg	Grid Value	7.40E-01	value
541	1	SOU541-017	Cadmium	5.08E-01	mg/kg	Grid Value	1.60E+00	value
541	1	SOU541-017	Chromium	3.35E+03	mg/kg	Grid Value	9.44E+02	value
541	1	SOU541-017	Iron	1.60E+04	mg/kg	Grid Value	1.88E+04	value
541	1	SOU541-017	Manganese	5.69E+02	mg/kg	Grid Value	4.97E+02	value
541	1	SOU541-017	Mercury	2.90E-02	mg/kg	Grid Value	2.02E-01	value
541	1	SOU541-017	Naphthalene	4.80E-01	mg/kg	Grid Value	6.53E-01	value
541	1	SOU541-017	Nickel	9.45E+00	mg/kg	Grid Value	1.58E+01	value
541	1	SOU541-017	PCB, Total	5.00E+01	mg/kg	Grid Value	6.18E+01	value
541	1	SOU541-017	Total PAH	9.50E-04	mg/kg	Grid Value	3.15E+00	value
541	1	SOU541-017	Uranium	6.93E+03	mg/kg	Grid Value	7.39E+03	value
541	1	SOU541-017	Vanadium	2.74E+01	mg/kg	Grid Value	3.54E+01	value
541	1	SOU541-017	Americium-241	4.30E-04	pCi/g	Grid Value	7.53E+00	value
541	1	SOU541-017	Cesium-137	2.51E-01	pCi/g	Grid Value	9.72E-01	value
541	1	SOU541-017	Cobalt-60	6.26E-03	pCi/g	Avg	1.01E-02	value
541	1	SOU541-017	Neptunium-237	-1.60E-03	pCi/g	Grid Value	5.69E-02	value
541	1	SOU541-017	Uranium-234	7.18E+00	pCi/g	Grid Value	1.44E+02	value
541	1	SOU541-017	Uranium-235	8.66E-01	pCi/g	Grid Value	2.26E+01	value
541	1	SOU541-017	Uranium-238	6.10E+01	pCi/g	Grid Value	1.11E+03	value
541	1	SOU541-018	Aluminum	1.40E+04	mg/kg	Avg	1.49E+04	value
541	1	SOU541-018	Arsenic	7.70E+00	mg/kg	Avg	9.08E+00	value
541	1	SOU541-018	Barium	1.24E+02	mg/kg	Avg	1.36E+02	value
541	1	SOU541-018	Beryllium	6.45E-01	mg/kg	Avg	7.40E-01	value
541	1	SOU541-018	Cadmium	1.30E+00	mg/kg	Avg	1.60E+00	value
541	1	SOU541-018	Chromium	4.08E+01	mg/kg	Grid Value	9.44E+02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
541	1	SOU541-018	Iron	1.71E+04	mg/kg	Avg	1.88E+04	value
541	1	SOU541-018	Manganese	4.42E+02	mg/kg	Avg	4.97E+02	value
541	1	SOU541-018	Mercury	7.74E-02	mg/kg	Avg	2.02E-01	value
541	1	SOU541-018	Naphthalene	5.55E-01	mg/kg	Avg	6.53E-01	value
541	1	SOU541-018	Nickel	1.37E+01	mg/kg	Avg	1.58E+01	value
541	1	SOU541-018	PCB, Total	5.00E+01	mg/kg	Grid Value	6.18E+01	value
541	1	SOU541-018	Total PAH	4.50E-04	mg/kg	Grid Value	3.15E+00	value
541	1	SOU541-018	Uranium	4.18E+01	mg/kg	Grid Value	7.39E+03	value
541	1	SOU541-018	Vanadium	3.23E+01	mg/kg	Avg	3.54E+01	value
541	1	SOU541-018	Americium-241	2.25E+00	pCi/g	Avg	7.53E+00	value
541	1	SOU541-018	Cesium-137	4.56E-01	pCi/g	Avg	9.72E-01	value
541	1	SOU541-018	Cobalt-60	6.26E-03	pCi/g	Avg	1.01E-02	value
541	1	SOU541-018	Neptunium-237	1.96E-02	pCi/g	Avg	5.69E-02	value
541	1	SOU541-018	Uranium-234	8.57E+01	pCi/g	Avg	1.44E+02	value
541	1	SOU541-018	Uranium-235	1.35E+01	pCi/g	Avg	2.26E+01	value
541	1	SOU541-018	Uranium-238	6.83E+02	pCi/g	Avg	1.11E+03	value
541	1	SOU541-019	Aluminum	1.37E+04	mg/kg	Grid Value	1.49E+04	value
541	1	SOU541-019	Arsenic	1.19E+01	mg/kg	Grid Value	9.08E+00	value
541	1	SOU541-019	Barium	1.05E+02	mg/kg	Grid Value	1.36E+02	value
541	1	SOU541-019	Beryllium	5.77E-01	mg/kg	Grid Value	7.40E-01	value
541	1	SOU541-019	Cadmium	7.05E-01	mg/kg	Grid Value	1.60E+00	value
541	1	SOU541-019	Chromium	1.08E+03	mg/kg	Grid Value	9.44E+02	value
541	1	SOU541-019	Iron	1.89E+04	mg/kg	Grid Value	1.88E+04	value
541	1	SOU541-019	Manganese	2.94E+02	mg/kg	Grid Value	4.97E+02	value
541	1	SOU541-019	Mercury	2.50E-02	mg/kg	Grid Value	2.02E-01	value
541	1	SOU541-019	Naphthalene	4.70E-01	mg/kg	Grid Value	6.53E-01	value
541	1	SOU541-019	Nickel	1.18E+01	mg/kg	Grid Value	1.58E+01	value
541	1	SOU541-019	PCB, Total	5.00E+01	mg/kg	Grid Value	6.18E+01	value
541	1	SOU541-019	Total PAH	1.01E-03	mg/kg	Grid Value	3.15E+00	value
541	1	SOU541-019	Uranium	3.77E+03	mg/kg	Grid Value	7.39E+03	value
541	1	SOU541-019	Vanadium	2.95E+01	mg/kg	Grid Value	3.54E+01	value
541	1	SOU541-019	Americium-241	4.83E-03	pCi/g	Grid Value	7.53E+00	value
541	1	SOU541-019	Cesium-137	1.94E-01	pCi/g	Grid Value	9.72E-01	value
541	1	SOU541-019	Cobalt-60	6.26E-03	pCi/g	Avg	1.01E-02	value
541	1	SOU541-019	Neptunium-237	5.33E-04	pCi/g	Grid Value	5.69E-02	value
541	1	SOU541-019	Uranium-234	2.86E+01	pCi/g	Grid Value	1.44E+02	value
541	1	SOU541-019	Uranium-235	3.27E+00	pCi/g	Grid Value	2.26E+01	value
541	1	SOU541-019	Uranium-238	2.55E+02	pCi/g	Grid Value	1.11E+03	value
541	1	SOU541-020	Aluminum	1.40E+04	mg/kg	Avg	1.49E+04	value
541	1	SOU541-020	Arsenic	7.70E+00	mg/kg	Avg	9.08E+00	value
541	1	SOU541-020	Barium	1.24E+02	mg/kg	Avg	1.36E+02	value
541	1	SOU541-020	Beryllium	6.45E-01	mg/kg	Avg	7.40E-01	value
541	1	SOU541-020	Cadmium	1.30E+00	mg/kg	Avg	1.60E+00	value
541	1	SOU541-020	Chromium	6.15E+02	mg/kg	Avg	9.44E+02	value
541	1	SOU541-020	Iron	1.71E+04	mg/kg	Avg	1.88E+04	value
541	1	SOU541-020	Manganese	4.42E+02	mg/kg	Avg	4.97E+02	value
541	1	SOU541-020	Mercury	7.74E-02	mg/kg	Avg	2.02E-01	value
541	1	SOU541-020	Naphthalene	5.55E-01	mg/kg	Avg	6.53E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
541	1	SOU541-020	Nickel	1.37E+01	mg/kg	Avg	1.58E+01	value
541	1	SOU541-020	PCB, Total	3.98E+01	mg/kg	Avg	6.18E+01	value
541	1	SOU541-020	Total PAH	1.30E+00	mg/kg	Avg	3.15E+00	value
541	1	SOU541-020	Uranium	4.52E+03	mg/kg	Avg	7.39E+03	value
541	1	SOU541-020	Vanadium	3.23E+01	mg/kg	Avg	3.54E+01	value
541	1	SOU541-020	Americium-241	2.25E+00	pCi/g	Avg	7.53E+00	value
541	1	SOU541-020	Cesium-137	4.56E-01	pCi/g	Avg	9.72E-01	value
541	1	SOU541-020	Cobalt-60	6.26E-03	pCi/g	Avg	1.01E-02	value
541	1	SOU541-020	Neptunium-237	1.96E-02	pCi/g	Avg	5.69E-02	value
541	1	SOU541-020	Uranium-234	8.57E+01	pCi/g	Avg	1.44E+02	value
541	1	SOU541-020	Uranium-235	1.35E+01	pCi/g	Avg	2.26E+01	value
541	1	SOU541-020	Uranium-238	6.83E+02	pCi/g	Avg	1.11E+03	value
541	1	SOU541-021	Aluminum	1.29E+04	mg/kg	Grid Value	1.49E+04	value
541	1	SOU541-021	Arsenic	5.52E+00	mg/kg	Grid Value	9.08E+00	value
541	1	SOU541-021	Barium	8.59E+01	mg/kg	Grid Value	1.36E+02	value
541	1	SOU541-021	Beryllium	4.24E-01	mg/kg	Grid Value	7.40E-01	value
541	1	SOU541-021	Cadmium	5.83E-01	mg/kg	Grid Value	1.60E+00	value
541	1	SOU541-021	Chromium	6.83E+01	mg/kg	Grid Value	9.44E+02	value
541	1	SOU541-021	Iron	1.24E+04	mg/kg	Grid Value	1.88E+04	value
541	1	SOU541-021	Manganese	3.62E+02	mg/kg	Grid Value	4.97E+02	value
541	1	SOU541-021	Mercury	2.40E-02	mg/kg	Grid Value	2.02E-01	value
541	1	SOU541-021	Naphthalene	4.80E-01	mg/kg	Grid Value	6.53E-01	value
541	1	SOU541-021	Nickel	8.28E+00	mg/kg	Grid Value	1.58E+01	value
541	1	SOU541-021	PCB, Total	3.62E+00	mg/kg	Grid Value	6.18E+01	value
541	1	SOU541-021	Total PAH	1.40E-04	mg/kg	Grid Value	3.15E+00	value
541	1	SOU541-021	Uranium	2.79E+02	mg/kg	Grid Value	7.39E+03	value
541	1	SOU541-021	Vanadium	2.79E+01	mg/kg	Grid Value	3.54E+01	value
541	1	SOU541-021	Americium-241	3.14E-03	pCi/g	Grid Value	7.53E+00	value
541	1	SOU541-021	Cesium-137	1.65E-01	pCi/g	Grid Value	9.72E-01	value
541	1	SOU541-021	Cobalt-60	6.26E-03	pCi/g	Avg	1.01E-02	value
541	1	SOU541-021	Neptunium-237	-1.22E-02	pCi/g	Grid Value	5.69E-02	value
541	1	SOU541-021	Uranium-234	7.07E+00	pCi/g	Grid Value	1.44E+02	value
541	1	SOU541-021	Uranium-235	1.01E+00	pCi/g	Grid Value	2.26E+01	value
541	1	SOU541-021	Uranium-238	6.86E+01	pCi/g	Grid Value	1.11E+03	value
541	1	SOU541-022	Aluminum	1.40E+04	mg/kg	Avg	1.49E+04	value
541	1	SOU541-022	Arsenic	7.70E+00	mg/kg	Avg	9.08E+00	value
541	1	SOU541-022	Barium	1.24E+02	mg/kg	Avg	1.36E+02	value
541	1	SOU541-022	Beryllium	6.45E-01	mg/kg	Avg	7.40E-01	value
541	1	SOU541-022	Cadmium	1.30E+00	mg/kg	Avg	1.60E+00	value
541	1	SOU541-022	Chromium	6.15E+02	mg/kg	Avg	9.44E+02	value
541	1	SOU541-022	Iron	1.71E+04	mg/kg	Avg	1.88E+04	value
541	1	SOU541-022	Manganese	4.42E+02	mg/kg	Avg	4.97E+02	value
541	1	SOU541-022	Mercury	7.74E-02	mg/kg	Avg	2.02E-01	value
541	1	SOU541-022	Naphthalene	5.55E-01	mg/kg	Avg	6.53E-01	value
541	1	SOU541-022	Nickel	1.37E+01	mg/kg	Avg	1.58E+01	value
541	1	SOU541-022	PCB, Total	3.98E+01	mg/kg	Avg	6.18E+01	value
541	1	SOU541-022	Total PAH	1.30E+00	mg/kg	Avg	3.15E+00	value
541	1	SOU541-022	Uranium	4.52E+03	mg/kg	Avg	7.39E+03	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
541	1	SOU541-022	Vanadium	3.23E+01	mg/kg	Avg	3.54E+01	value
541	1	SOU541-022	Americium-241	2.25E+00	pCi/g	Avg	7.53E+00	value
541	1	SOU541-022	Cesium-137	4.56E-01	pCi/g	Avg	9.72E-01	value
541	1	SOU541-022	Cobalt-60	6.26E-03	pCi/g	Avg	1.01E-02	value
541	1	SOU541-022	Neptunium-237	1.96E-02	pCi/g	Avg	5.69E-02	value
541	1	SOU541-022	Uranium-234	8.57E+01	pCi/g	Avg	1.44E+02	value
541	1	SOU541-022	Uranium-235	1.35E+01	pCi/g	Avg	2.26E+01	value
541	1	SOU541-022	Uranium-238	6.83E+02	pCi/g	Avg	1.11E+03	value
541	1	SOU541-BV	Aluminum	7.24E+03	mg/kg	Grid Value	1.49E+04	value
541	1	SOU541-BV	Arsenic	6.24E+00	mg/kg	Grid Value	9.08E+00	value
541	1	SOU541-BV	Barium	7.14E+01	mg/kg	Grid Value	1.36E+02	value
541	1	SOU541-BV	Beryllium	4.85E-01	mg/kg	Grid Value	7.40E-01	value
541	1	SOU541-BV	Cadmium	4.85E-01	mg/kg	Grid Value	1.60E+00	value
541	1	SOU541-BV	Chromium	1.08E+01	mg/kg	Grid Value	9.44E+02	value
541	1	SOU541-BV	Iron	1.23E+04	mg/kg	Grid Value	1.88E+04	value
541	1	SOU541-BV	Manganese	4.80E+02	mg/kg	Grid Value	4.97E+02	value
541	1	SOU541-BV	Mercury	2.40E-02	mg/kg	Grid Value	2.02E-01	value
541	1	SOU541-BV	Naphthalene	4.70E-01	mg/kg	Grid Value	6.53E-01	value
541	1	SOU541-BV	Nickel	5.97E+00	mg/kg	Grid Value	1.58E+01	value
541	1	SOU541-BV	PCB, Total	1.00E-01	mg/kg	Grid Value	6.18E+01	value
541	1	SOU541-BV	Total PAH	8.60E-04	mg/kg	Grid Value	3.15E+00	value
541	1	SOU541-BV	Uranium	1.50E+00	mg/kg	Grid Value	7.39E+03	value
541	1	SOU541-BV	Vanadium	1.77E+01	mg/kg	Grid Value	3.54E+01	value
541	1	SOU541-BV	Americium-241	1.53E-03	pCi/g	Grid Value	7.53E+00	value
541	1	SOU541-BV	Cesium-137	6.83E-02	pCi/g	Grid Value	9.72E-01	value
541	1	SOU541-BV	Cobalt-60	6.26E-03	pCi/g	Avg	1.01E-02	value
541	1	SOU541-BV	Neptunium-237	6.51E-03	pCi/g	Grid Value	5.69E-02	value
541	1	SOU541-BV	Uranium-234	2.30E+00	pCi/g	Grid Value	1.44E+02	value
541	1	SOU541-BV	Uranium-235	2.95E-01	pCi/g	Grid Value	2.26E+01	value
541	1	SOU541-BV	Uranium-238	1.74E+01	pCi/g	Grid Value	1.11E+03	value
561	1	SOU561-001	Aluminum	1.26E+04	mg/kg	Grid Value	1.76E+04	value
561	1	SOU561-001	Antimony	5.90E-01	mg/kg	Grid Value	8.95E-01	value
561	1	SOU561-001	Arsenic	1.90E+01	mg/kg	Grid Value	1.63E+01	value
561	1	SOU561-001	Barium	4.38E+02	mg/kg	Grid Value	1.44E+02	value
561	1	SOU561-001	Beryllium	8.30E-01	mg/kg	Grid Value	6.74E-01	value
561	1	SOU561-001	Chromium	2.20E+01	mg/kg	Grid Value	9.00E+01	value
561	1	SOU561-001	Cobalt	1.64E+01	mg/kg	Grid Value	1.10E+01	value
561	1	SOU561-001	Iron	2.65E+04	mg/kg	Grid Value	2.07E+04	value
561	1	SOU561-001	Manganese	5.23E+03	mg/kg	Grid Value	1.81E+03	value
561	1	SOU561-001	Nickel	1.42E+01	mg/kg	Grid Value	1.49E+01	value
561	1	SOU561-001	PCB, Total	3.90E-01	mg/kg	Grid Value	1.01E+00	value
561	1	SOU561-001	Thallium	3.00E-01	mg/kg	Grid Value	3.27E-01	value
561	1	SOU561-001	Total PAH	4.30E-01	mg/kg	Grid Value	7.79E-01	value
561	1	SOU561-001	Uranium	3.74E+00	mg/kg	Grid Value	2.65E+02	value
561	1	SOU561-001	Vanadium	5.00E+01	mg/kg	Grid Value	3.94E+01	value
561	1	SOU561-001	Cesium-137	3.80E-01	pCi/g	Grid Value	2.53E-01	value
561	1	SOU561-001	Cobalt-60	2.90E-02	pCi/g	Grid Value	6.98E-02	value
561	1	SOU561-001	Neptunium-237	8.30E-03	pCi/g	Grid Value	2.61E-02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
561	1	SOU561-001	Uranium-234	1.09E+00	pCi/g	Grid Value	8.48E+00	value
561	1	SOU561-001	Uranium-235	6.90E-02	pCi/g	Grid Value	1.43E+00	value
561	1	SOU561-001	Uranium-238	4.70E+00	pCi/g	Grid Value	1.12E+02	value
561	1	SOU561-002	Aluminum	1.12E+04	mg/kg	Grid Value	1.76E+04	value
561	1	SOU561-002	Antimony	2.00E-01	mg/kg	Grid Value	8.95E-01	value
561	1	SOU561-002	Arsenic	8.80E+00	mg/kg	Grid Value	1.63E+01	value
561	1	SOU561-002	Barium	8.26E+01	mg/kg	Grid Value	1.44E+02	value
561	1	SOU561-002	Beryllium	4.20E-01	mg/kg	Grid Value	6.74E-01	value
561	1	SOU561-002	Chromium	1.33E+01	mg/kg	Grid Value	9.00E+01	value
561	1	SOU561-002	Cobalt	4.60E+00	mg/kg	Grid Value	1.10E+01	value
561	1	SOU561-002	Iron	1.55E+04	mg/kg	Grid Value	2.07E+04	value
561	1	SOU561-002	Manganese	3.64E+02	mg/kg	Grid Value	1.81E+03	value
561	1	SOU561-002	Nickel	8.30E+00	mg/kg	Grid Value	1.49E+01	value
561	1	SOU561-002	PCB, Total	3.90E-01	mg/kg	Grid Value	1.01E+00	value
561	1	SOU561-002	Thallium	1.90E-01	mg/kg	Grid Value	3.27E-01	value
561	1	SOU561-002	Total PAH	4.30E-01	mg/kg	Grid Value	7.79E-01	value
561	1	SOU561-002	Uranium	3.72E+00	mg/kg	Grid Value	2.65E+02	value
561	1	SOU561-002	Vanadium	2.32E+01	mg/kg	Grid Value	3.94E+01	value
561	1	SOU561-002	Cesium-137	2.43E-01	pCi/g	Grid Value	2.53E-01	value
561	1	SOU561-002	Cobalt-60	0.00E+00	pCi/g	Grid Value	6.98E-02	value
561	1	SOU561-002	Neptunium-237	-2.60E-03	pCi/g	Grid Value	2.61E-02	value
561	1	SOU561-002	Uranium-234	1.10E+00	pCi/g	Grid Value	8.48E+00	value
561	1	SOU561-002	Uranium-235	6.80E-02	pCi/g	Grid Value	1.43E+00	value
561	1	SOU561-002	Uranium-238	1.24E+00	pCi/g	Grid Value	1.12E+02	value
561	1	SOU561-003	Aluminum	1.15E+04	mg/kg	Avg	1.76E+04	value
561	1	SOU561-003	Antimony	4.50E-01	mg/kg	Avg	8.95E-01	value
561	1	SOU561-003	Arsenic	1.47E+01	mg/kg	Avg	1.63E+01	value
561	1	SOU561-003	Barium	1.26E+02	mg/kg	Avg	1.44E+02	value
561	1	SOU561-003	Beryllium	6.19E-01	mg/kg	Avg	6.74E-01	value
561	1	SOU561-003	Chromium	#####	mg/kg	Grid Value	9.00E+01	value
561	1	SOU561-003	Cobalt	9.61E+00	mg/kg	Avg	1.10E+01	value
561	1	SOU561-003	Iron	1.89E+04	mg/kg	Avg	2.07E+04	value
561	1	SOU561-003	Manganese	1.12E+03	mg/kg	Avg	1.81E+03	value
561	1	SOU561-003	Nickel	1.40E+01	mg/kg	Avg	1.49E+01	value
561	1	SOU561-003	PCB, Total	1.00E+00	mg/kg	Grid Value	1.01E+00	value
561	1	SOU561-003	Thallium	2.99E-01	mg/kg	Avg	3.27E-01	value
561	1	SOU561-003	Total PAH	4.63E-01	mg/kg	Avg	7.79E-01	value
561	1	SOU561-003	Uranium	2.68E+00	mg/kg	Grid Value	2.65E+02	value
561	1	SOU561-003	Vanadium	3.60E+01	mg/kg	Avg	3.94E+01	value
561	1	SOU561-003	Cesium-137	1.77E-01	pCi/g	Avg	2.53E-01	value
561	1	SOU561-003	Cobalt-60	3.14E-02	pCi/g	Avg	6.98E-02	value
561	1	SOU561-003	Neptunium-237	7.19E-03	pCi/g	Avg	2.61E-02	value
561	1	SOU561-003	Uranium-234	3.19E+00	pCi/g	Avg	8.48E+00	value
561	1	SOU561-003	Uranium-235	4.93E-01	pCi/g	Avg	1.43E+00	value
561	1	SOU561-003	Uranium-238	2.97E+01	pCi/g	Avg	1.12E+02	value
561	1	SOU561-004	Aluminum	9.89E+03	mg/kg	Grid Value	1.76E+04	value
561	1	SOU561-004	Antimony	1.90E-01	mg/kg	Grid Value	8.95E-01	value
561	1	SOU561-004	Arsenic	1.72E+01	mg/kg	Grid Value	1.63E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
561	1	SOU561-004	Barium	1.08E+02	mg/kg	Grid Value	1.44E+02	value
561	1	SOU561-004	Beryllium	5.70E-01	mg/kg	Grid Value	6.74E-01	value
561	1	SOU561-004	Chromium	1.30E+01	mg/kg	Grid Value	9.00E+01	value
561	1	SOU561-004	Cobalt	6.60E+00	mg/kg	Grid Value	1.10E+01	value
561	1	SOU561-004	Iron	1.55E+04	mg/kg	Grid Value	2.07E+04	value
561	1	SOU561-004	Manganese	8.10E+02	mg/kg	Grid Value	1.81E+03	value
561	1	SOU561-004	Nickel	9.30E+00	mg/kg	Grid Value	1.49E+01	value
561	1	SOU561-004	PCB, Total	3.70E-01	mg/kg	Grid Value	1.01E+00	value
561	1	SOU561-004	Thallium	5.10E-01	mg/kg	Grid Value	3.27E-01	value
561	1	SOU561-004	Total PAH	4.10E-01	mg/kg	Grid Value	7.79E-01	value
561	1	SOU561-004	Uranium	3.32E+00	mg/kg	Grid Value	2.65E+02	value
561	1	SOU561-004	Vanadium	2.38E+01	mg/kg	Grid Value	3.94E+01	value
561	1	SOU561-004	Cesium-137	3.78E-03	pCi/g	Grid Value	2.53E-01	value
561	1	SOU561-004	Cobalt-60	0.00E+00	pCi/g	Grid Value	6.98E-02	value
561	1	SOU561-004	Neptunium-237	4.10E-03	pCi/g	Grid Value	2.61E-02	value
561	1	SOU561-004	Uranium-234	9.90E-01	pCi/g	Grid Value	8.48E+00	value
561	1	SOU561-004	Uranium-235	3.40E-02	pCi/g	Grid Value	1.43E+00	value
561	1	SOU561-004	Uranium-238	1.11E+00	pCi/g	Grid Value	1.12E+02	value
561	1	SOU561-005	Aluminum	1.01E+04	mg/kg	Grid Value	1.76E+04	value
561	1	SOU561-005	Antimony	2.80E-01	mg/kg	Grid Value	8.95E-01	value
561	1	SOU561-005	Arsenic	2.07E+01	mg/kg	Grid Value	1.63E+01	value
561	1	SOU561-005	Barium	1.11E+02	mg/kg	Grid Value	1.44E+02	value
561	1	SOU561-005	Beryllium	5.50E-01	mg/kg	Grid Value	6.74E-01	value
561	1	SOU561-005	Chromium	1.56E+01	mg/kg	Grid Value	9.00E+01	value
561	1	SOU561-005	Cobalt	6.30E+00	mg/kg	Grid Value	1.10E+01	value
561	1	SOU561-005	Iron	1.76E+04	mg/kg	Grid Value	2.07E+04	value
561	1	SOU561-005	Manganese	7.18E+02	mg/kg	Grid Value	1.81E+03	value
561	1	SOU561-005	Nickel	1.04E+01	mg/kg	Grid Value	1.49E+01	value
561	1	SOU561-005	PCB, Total	4.00E-02	mg/kg	Grid Value	1.01E+00	value
561	1	SOU561-005	Thallium	5.10E-01	mg/kg	Grid Value	3.27E-01	value
561	1	SOU561-005	Total PAH	4.00E-01	mg/kg	Grid Value	7.79E-01	value
561	1	SOU561-005	Uranium	1.50E+00	mg/kg	Grid Value	2.65E+02	value
561	1	SOU561-005	Vanadium	3.16E+01	mg/kg	Grid Value	3.94E+01	value
561	1	SOU561-005	Cesium-137	9.30E-02	pCi/g	Grid Value	2.53E-01	value
561	1	SOU561-005	Cobalt-60	3.34E-03	pCi/g	Grid Value	6.98E-02	value
561	1	SOU561-005	Neptunium-237	-2.80E-03	pCi/g	Grid Value	2.61E-02	value
561	1	SOU561-005	Uranium-234	1.65E-01	pCi/g	Grid Value	8.48E+00	value
561	1	SOU561-005	Uranium-235	1.63E-02	pCi/g	Grid Value	1.43E+00	value
561	1	SOU561-005	Uranium-238	1.69E-01	pCi/g	Grid Value	1.12E+02	value
561	1	SOU561-006	Aluminum	1.15E+04	mg/kg	Avg	1.76E+04	value
561	1	SOU561-006	Antimony	4.50E-01	mg/kg	Avg	8.95E-01	value
561	1	SOU561-006	Arsenic	1.47E+01	mg/kg	Avg	1.63E+01	value
561	1	SOU561-006	Barium	1.26E+02	mg/kg	Avg	1.44E+02	value
561	1	SOU561-006	Beryllium	6.19E-01	mg/kg	Avg	6.74E-01	value
561	1	SOU561-006	Chromium	#####	mg/kg	Grid Value	9.00E+01	value
561	1	SOU561-006	Cobalt	9.61E+00	mg/kg	Avg	1.10E+01	value
561	1	SOU561-006	Iron	1.89E+04	mg/kg	Avg	2.07E+04	value
561	1	SOU561-006	Manganese	1.12E+03	mg/kg	Avg	1.81E+03	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
561	1	SOU561-006	Nickel	1.40E+01	mg/kg	Avg	1.49E+01	value
561	1	SOU561-006	PCB, Total	1.00E+00	mg/kg	Grid Value	1.01E+00	value
561	1	SOU561-006	Thallium	2.99E-01	mg/kg	Avg	3.27E-01	value
561	1	SOU561-006	Total PAH	4.63E-01	mg/kg	Avg	7.79E-01	value
561	1	SOU561-006	Uranium	#####	mg/kg	Grid Value	2.65E+02	value
561	1	SOU561-006	Vanadium	3.60E+01	mg/kg	Avg	3.94E+01	value
561	1	SOU561-006	Cesium-137	1.77E-01	pCi/g	Avg	2.53E-01	value
561	1	SOU561-006	Cobalt-60	3.14E-02	pCi/g	Avg	6.98E-02	value
561	1	SOU561-006	Neptunium-237	7.19E-03	pCi/g	Avg	2.61E-02	value
561	1	SOU561-006	Uranium-234	3.19E+00	pCi/g	Avg	8.48E+00	value
561	1	SOU561-006	Uranium-235	4.93E-01	pCi/g	Avg	1.43E+00	value
561	1	SOU561-006	Uranium-238	2.97E+01	pCi/g	Avg	1.12E+02	value
561	1	SOU561-007	Aluminum	1.15E+04	mg/kg	Avg	1.76E+04	value
561	1	SOU561-007	Antimony	4.50E-01	mg/kg	Avg	8.95E-01	value
561	1	SOU561-007	Arsenic	1.47E+01	mg/kg	Avg	1.63E+01	value
561	1	SOU561-007	Barium	1.26E+02	mg/kg	Avg	1.44E+02	value
561	1	SOU561-007	Beryllium	6.19E-01	mg/kg	Avg	6.74E-01	value
561	1	SOU561-007	Chromium	#####	mg/kg	Grid Value	9.00E+01	value
561	1	SOU561-007	Cobalt	9.61E+00	mg/kg	Avg	1.10E+01	value
561	1	SOU561-007	Iron	1.89E+04	mg/kg	Avg	2.07E+04	value
561	1	SOU561-007	Manganese	1.12E+03	mg/kg	Avg	1.81E+03	value
561	1	SOU561-007	Nickel	1.40E+01	mg/kg	Avg	1.49E+01	value
561	1	SOU561-007	PCB, Total	1.00E+00	mg/kg	Grid Value	1.01E+00	value
561	1	SOU561-007	Thallium	2.99E-01	mg/kg	Avg	3.27E-01	value
561	1	SOU561-007	Total PAH	4.63E-01	mg/kg	Avg	7.79E-01	value
561	1	SOU561-007	Uranium	#####	mg/kg	Grid Value	2.65E+02	value
561	1	SOU561-007	Vanadium	3.60E+01	mg/kg	Avg	3.94E+01	value
561	1	SOU561-007	Cesium-137	1.77E-01	pCi/g	Avg	2.53E-01	value
561	1	SOU561-007	Cobalt-60	3.14E-02	pCi/g	Avg	6.98E-02	value
561	1	SOU561-007	Neptunium-237	7.19E-03	pCi/g	Avg	2.61E-02	value
561	1	SOU561-007	Uranium-234	3.19E+00	pCi/g	Avg	8.48E+00	value
561	1	SOU561-007	Uranium-235	4.93E-01	pCi/g	Avg	1.43E+00	value
561	1	SOU561-007	Uranium-238	2.97E+01	pCi/g	Avg	1.12E+02	value
561	1	SOU561-008	Aluminum	1.15E+04	mg/kg	Avg	1.76E+04	value
561	1	SOU561-008	Antimony	4.50E-01	mg/kg	Avg	8.95E-01	value
561	1	SOU561-008	Arsenic	1.47E+01	mg/kg	Avg	1.63E+01	value
561	1	SOU561-008	Barium	1.26E+02	mg/kg	Avg	1.44E+02	value
561	1	SOU561-008	Beryllium	6.19E-01	mg/kg	Avg	6.74E-01	value
561	1	SOU561-008	Chromium	#####	mg/kg	Grid Value	9.00E+01	value
561	1	SOU561-008	Cobalt	9.61E+00	mg/kg	Avg	1.10E+01	value
561	1	SOU561-008	Iron	1.89E+04	mg/kg	Avg	2.07E+04	value
561	1	SOU561-008	Manganese	1.12E+03	mg/kg	Avg	1.81E+03	value
561	1	SOU561-008	Nickel	1.40E+01	mg/kg	Avg	1.49E+01	value
561	1	SOU561-008	PCB, Total	1.00E+00	mg/kg	Grid Value	1.01E+00	value
561	1	SOU561-008	Thallium	2.99E-01	mg/kg	Avg	3.27E-01	value
561	1	SOU561-008	Total PAH	4.63E-01	mg/kg	Avg	7.79E-01	value
561	1	SOU561-008	Uranium	1.75E+00	mg/kg	Grid Value	2.65E+02	value
561	1	SOU561-008	Vanadium	3.60E+01	mg/kg	Avg	3.94E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
561	1	SOU561-008	Cesium-137	1.77E-01	pCi/g	Avg	2.53E-01	value
561	1	SOU561-008	Cobalt-60	3.14E-02	pCi/g	Avg	6.98E-02	value
561	1	SOU561-008	Neptunium-237	7.19E-03	pCi/g	Avg	2.61E-02	value
561	1	SOU561-008	Uranium-234	3.19E+00	pCi/g	Avg	8.48E+00	value
561	1	SOU561-008	Uranium-235	4.93E-01	pCi/g	Avg	1.43E+00	value
561	1	SOU561-008	Uranium-238	2.97E+01	pCi/g	Avg	1.12E+02	value
561	1	SOU561-009	Aluminum	1.12E+04	mg/kg	Grid Value	1.76E+04	value
561	1	SOU561-009	Antimony	3.70E-01	mg/kg	Grid Value	8.95E-01	value
561	1	SOU561-009	Arsenic	3.31E+01	mg/kg	Grid Value	1.63E+01	value
561	1	SOU561-009	Barium	1.01E+02	mg/kg	Grid Value	1.44E+02	value
561	1	SOU561-009	Beryllium	6.40E-01	mg/kg	Grid Value	6.74E-01	value
561	1	SOU561-009	Chromium	1.75E+01	mg/kg	Grid Value	9.00E+01	value
561	1	SOU561-009	Cobalt	7.90E+00	mg/kg	Grid Value	1.10E+01	value
561	1	SOU561-009	Iron	2.00E+04	mg/kg	Grid Value	2.07E+04	value
561	1	SOU561-009	Manganese	6.62E+02	mg/kg	Grid Value	1.81E+03	value
561	1	SOU561-009	Nickel	1.16E+01	mg/kg	Grid Value	1.49E+01	value
561	1	SOU561-009	PCB, Total	4.00E-02	mg/kg	Grid Value	1.01E+00	value
561	1	SOU561-009	Thallium	5.20E-01	mg/kg	Grid Value	3.27E-01	value
561	1	SOU561-009	Total PAH	4.00E-01	mg/kg	Grid Value	7.79E-01	value
561	1	SOU561-009	Uranium	1.70E+00	mg/kg	Grid Value	2.65E+02	value
561	1	SOU561-009	Vanadium	3.59E+01	mg/kg	Grid Value	3.94E+01	value
561	1	SOU561-009	Cesium-137	1.36E-01	pCi/g	Grid Value	2.53E-01	value
561	1	SOU561-009	Cobalt-60	1.46E-02	pCi/g	Grid Value	6.98E-02	value
561	1	SOU561-009	Neptunium-237	-1.84E-03	pCi/g	Grid Value	2.61E-02	value
561	1	SOU561-009	Uranium-234	1.84E-01	pCi/g	Grid Value	8.48E+00	value
561	1	SOU561-009	Uranium-235	1.75E-02	pCi/g	Grid Value	1.43E+00	value
561	1	SOU561-009	Uranium-238	2.25E-01	pCi/g	Grid Value	1.12E+02	value
561	1	SOU561-010	Aluminum	1.15E+04	mg/kg	Avg	1.76E+04	value
561	1	SOU561-010	Antimony	4.50E-01	mg/kg	Avg	8.95E-01	value
561	1	SOU561-010	Arsenic	1.47E+01	mg/kg	Avg	1.63E+01	value
561	1	SOU561-010	Barium	1.26E+02	mg/kg	Avg	1.44E+02	value
561	1	SOU561-010	Beryllium	6.19E-01	mg/kg	Avg	6.74E-01	value
561	1	SOU561-010	Chromium	#####	mg/kg	Grid Value	9.00E+01	value
561	1	SOU561-010	Cobalt	9.61E+00	mg/kg	Avg	1.10E+01	value
561	1	SOU561-010	Iron	1.89E+04	mg/kg	Avg	2.07E+04	value
561	1	SOU561-010	Manganese	1.12E+03	mg/kg	Avg	1.81E+03	value
561	1	SOU561-010	Nickel	1.40E+01	mg/kg	Avg	1.49E+01	value
561	1	SOU561-010	PCB, Total	1.00E+00	mg/kg	Grid Value	1.01E+00	value
561	1	SOU561-010	Thallium	2.99E-01	mg/kg	Avg	3.27E-01	value
561	1	SOU561-010	Total PAH	4.63E-01	mg/kg	Avg	7.79E-01	value
561	1	SOU561-010	Uranium	#####	mg/kg	Grid Value	2.65E+02	value
561	1	SOU561-010	Vanadium	3.60E+01	mg/kg	Avg	3.94E+01	value
561	1	SOU561-010	Cesium-137	1.77E-01	pCi/g	Avg	2.53E-01	value
561	1	SOU561-010	Cobalt-60	3.14E-02	pCi/g	Avg	6.98E-02	value
561	1	SOU561-010	Neptunium-237	7.19E-03	pCi/g	Avg	2.61E-02	value
561	1	SOU561-010	Uranium-234	3.19E+00	pCi/g	Avg	8.48E+00	value
561	1	SOU561-010	Uranium-235	4.93E-01	pCi/g	Avg	1.43E+00	value
561	1	SOU561-010	Uranium-238	2.97E+01	pCi/g	Avg	1.12E+02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
561	1	SOU561-011	Aluminum	1.15E+04	mg/kg	Avg	1.76E+04	value
561	1	SOU561-011	Antimony	4.50E-01	mg/kg	Avg	8.95E-01	value
561	1	SOU561-011	Arsenic	1.47E+01	mg/kg	Avg	1.63E+01	value
561	1	SOU561-011	Barium	1.26E+02	mg/kg	Avg	1.44E+02	value
561	1	SOU561-011	Beryllium	6.19E-01	mg/kg	Avg	6.74E-01	value
561	1	SOU561-011	Chromium	2.81E+00	mg/kg	Grid Value	9.00E+01	value
561	1	SOU561-011	Cobalt	9.61E+00	mg/kg	Avg	1.10E+01	value
561	1	SOU561-011	Iron	1.89E+04	mg/kg	Avg	2.07E+04	value
561	1	SOU561-011	Manganese	1.12E+03	mg/kg	Avg	1.81E+03	value
561	1	SOU561-011	Nickel	1.40E+01	mg/kg	Avg	1.49E+01	value
561	1	SOU561-011	PCB, Total	1.00E+00	mg/kg	Grid Value	1.01E+00	value
561	1	SOU561-011	Thallium	2.99E-01	mg/kg	Avg	3.27E-01	value
561	1	SOU561-011	Total PAH	4.63E-01	mg/kg	Avg	7.79E-01	value
561	1	SOU561-011	Uranium	6.24E+00	mg/kg	Grid Value	2.65E+02	value
561	1	SOU561-011	Vanadium	3.60E+01	mg/kg	Avg	3.94E+01	value
561	1	SOU561-011	Cesium-137	1.77E-01	pCi/g	Avg	2.53E-01	value
561	1	SOU561-011	Cobalt-60	3.14E-02	pCi/g	Avg	6.98E-02	value
561	1	SOU561-011	Neptunium-237	7.19E-03	pCi/g	Avg	2.61E-02	value
561	1	SOU561-011	Uranium-234	3.19E+00	pCi/g	Avg	8.48E+00	value
561	1	SOU561-011	Uranium-235	4.93E-01	pCi/g	Avg	1.43E+00	value
561	1	SOU561-011	Uranium-238	2.97E+01	pCi/g	Avg	1.12E+02	value
561	1	SOU561-012	Aluminum	1.15E+04	mg/kg	Avg	1.76E+04	value
561	1	SOU561-012	Antimony	4.50E-01	mg/kg	Avg	8.95E-01	value
561	1	SOU561-012	Arsenic	1.47E+01	mg/kg	Avg	1.63E+01	value
561	1	SOU561-012	Barium	1.26E+02	mg/kg	Avg	1.44E+02	value
561	1	SOU561-012	Beryllium	6.19E-01	mg/kg	Avg	6.74E-01	value
561	1	SOU561-012	Chromium	#####	mg/kg	Grid Value	9.00E+01	value
561	1	SOU561-012	Cobalt	9.61E+00	mg/kg	Avg	1.10E+01	value
561	1	SOU561-012	Iron	1.89E+04	mg/kg	Avg	2.07E+04	value
561	1	SOU561-012	Manganese	1.12E+03	mg/kg	Avg	1.81E+03	value
561	1	SOU561-012	Nickel	1.40E+01	mg/kg	Avg	1.49E+01	value
561	1	SOU561-012	PCB, Total	1.00E+00	mg/kg	Grid Value	1.01E+00	value
561	1	SOU561-012	Thallium	2.99E-01	mg/kg	Avg	3.27E-01	value
561	1	SOU561-012	Total PAH	4.63E-01	mg/kg	Avg	7.79E-01	value
561	1	SOU561-012	Uranium	3.90E-01	mg/kg	Grid Value	2.65E+02	value
561	1	SOU561-012	Vanadium	3.60E+01	mg/kg	Avg	3.94E+01	value
561	1	SOU561-012	Cesium-137	1.77E-01	pCi/g	Avg	2.53E-01	value
561	1	SOU561-012	Cobalt-60	3.14E-02	pCi/g	Avg	6.98E-02	value
561	1	SOU561-012	Neptunium-237	7.19E-03	pCi/g	Avg	2.61E-02	value
561	1	SOU561-012	Uranium-234	3.19E+00	pCi/g	Avg	8.48E+00	value
561	1	SOU561-012	Uranium-235	4.93E-01	pCi/g	Avg	1.43E+00	value
561	1	SOU561-012	Uranium-238	2.97E+01	pCi/g	Avg	1.12E+02	value
561	1	SOU561-013	Aluminum	1.14E+04	mg/kg	Grid Value	1.76E+04	value
561	1	SOU561-013	Antimony	2.70E-01	mg/kg	Grid Value	8.95E-01	value
561	1	SOU561-013	Arsenic	1.66E+01	mg/kg	Grid Value	1.63E+01	value
561	1	SOU561-013	Barium	9.63E+01	mg/kg	Grid Value	1.44E+02	value
561	1	SOU561-013	Beryllium	6.70E-01	mg/kg	Grid Value	6.74E-01	value
561	1	SOU561-013	Chromium	1.64E+01	mg/kg	Grid Value	9.00E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
561	1	SOU561-013	Cobalt	3.09E+01	mg/kg	Grid Value	1.10E+01	value
561	1	SOU561-013	Iron	1.81E+04	mg/kg	Grid Value	2.07E+04	value
561	1	SOU561-013	Manganese	2.23E+03	mg/kg	Grid Value	1.81E+03	value
561	1	SOU561-013	Nickel	1.12E+01	mg/kg	Grid Value	1.49E+01	value
561	1	SOU561-013	PCB, Total	4.00E-02	mg/kg	Grid Value	1.01E+00	value
561	1	SOU561-013	Thallium	4.30E-01	mg/kg	Grid Value	3.27E-01	value
561	1	SOU561-013	Total PAH	4.10E-01	mg/kg	Grid Value	7.79E-01	value
561	1	SOU561-013	Uranium	1.30E+00	mg/kg	Grid Value	2.65E+02	value
561	1	SOU561-013	Vanadium	3.09E+01	mg/kg	Grid Value	3.94E+01	value
561	1	SOU561-013	Cesium-137	8.38E-02	pCi/g	Grid Value	2.53E-01	value
561	1	SOU561-013	Cobalt-60	8.36E-03	pCi/g	Grid Value	6.98E-02	value
561	1	SOU561-013	Neptunium-237	-2.82E-03	pCi/g	Grid Value	2.61E-02	value
561	1	SOU561-013	Uranium-234	1.28E-01	pCi/g	Grid Value	8.48E+00	value
561	1	SOU561-013	Uranium-235	1.67E-02	pCi/g	Grid Value	1.43E+00	value
561	1	SOU561-013	Uranium-238	1.55E-01	pCi/g	Grid Value	1.12E+02	value
561	1	SOU561-014	Aluminum	1.24E+04	mg/kg	Grid Value	1.76E+04	value
561	1	SOU561-014	Antimony	3.60E-01	mg/kg	Grid Value	8.95E-01	value
561	1	SOU561-014	Arsenic	2.22E+01	mg/kg	Grid Value	1.63E+01	value
561	1	SOU561-014	Barium	9.81E+01	mg/kg	Grid Value	1.44E+02	value
561	1	SOU561-014	Beryllium	6.50E-01	mg/kg	Grid Value	6.74E-01	value
561	1	SOU561-014	Chromium	1.67E+01	mg/kg	Grid Value	9.00E+01	value
561	1	SOU561-014	Cobalt	7.50E+00	mg/kg	Grid Value	1.10E+01	value
561	1	SOU561-014	Iron	2.34E+04	mg/kg	Grid Value	2.07E+04	value
561	1	SOU561-014	Manganese	5.17E+02	mg/kg	Grid Value	1.81E+03	value
561	1	SOU561-014	Nickel	1.16E+01	mg/kg	Grid Value	1.49E+01	value
561	1	SOU561-014	PCB, Total	4.00E-02	mg/kg	Grid Value	1.01E+00	value
561	1	SOU561-014	Thallium	4.50E-01	mg/kg	Grid Value	3.27E-01	value
561	1	SOU561-014	Total PAH	4.20E-01	mg/kg	Grid Value	7.79E-01	value
561	1	SOU561-014	Uranium	1.20E+00	mg/kg	Grid Value	2.65E+02	value
561	1	SOU561-014	Vanadium	3.49E+01	mg/kg	Grid Value	3.94E+01	value
561	1	SOU561-014	Cesium-137	-5.95E-03	pCi/g	Grid Value	2.53E-01	value
561	1	SOU561-014	Cobalt-60	2.15E-02	pCi/g	Grid Value	6.98E-02	value
561	1	SOU561-014	Neptunium-237	-2.83E-03	pCi/g	Grid Value	2.61E-02	value
561	1	SOU561-014	Uranium-234	2.25E-01	pCi/g	Grid Value	8.48E+00	value
561	1	SOU561-014	Uranium-235	1.83E-02	pCi/g	Grid Value	1.43E+00	value
561	1	SOU561-014	Uranium-238	2.32E-01	pCi/g	Grid Value	1.12E+02	value
561	1	SOU561-015	Aluminum	7.50E+03	mg/kg	Grid Value	1.76E+04	value
561	1	SOU561-015	Antimony	3.50E+00	mg/kg	Grid Value	8.95E-01	value
561	1	SOU561-015	Arsenic	9.20E+00	mg/kg	Grid Value	1.63E+01	value
561	1	SOU561-015	Barium	1.21E+02	mg/kg	Grid Value	1.44E+02	value
561	1	SOU561-015	Beryllium	4.30E-01	mg/kg	Grid Value	6.74E-01	value
561	1	SOU561-015	Chromium	4.32E+02	mg/kg	Grid Value	9.00E+01	value
561	1	SOU561-015	Cobalt	8.10E+00	mg/kg	Grid Value	1.10E+01	value
561	1	SOU561-015	Iron	1.25E+04	mg/kg	Grid Value	2.07E+04	value
561	1	SOU561-015	Manganese	6.66E+02	mg/kg	Grid Value	1.81E+03	value
561	1	SOU561-015	Nickel	1.27E+01	mg/kg	Grid Value	1.49E+01	value
561	1	SOU561-015	PCB, Total	2.20E+00	mg/kg	Grid Value	1.01E+00	value
561	1	SOU561-015	Thallium	1.40E-01	mg/kg	Grid Value	3.27E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
561	1	SOU561-015	Total PAH	1.65E-01	mg/kg	Grid Value	7.79E-01	value
561	1	SOU561-015	Uranium	1.37E+03	mg/kg	Grid Value	2.65E+02	value
561	1	SOU561-015	Vanadium	5.64E+01	mg/kg	Grid Value	3.94E+01	value
561	1	SOU561-015	Cesium-137	3.57E-01	pCi/g	Grid Value	2.53E-01	value
561	1	SOU561-015	Cobalt-60	2.97E-01	pCi/g	Grid Value	6.98E-02	value
561	1	SOU561-015	Neptunium-237	1.39E-01	pCi/g	Grid Value	2.61E-02	value
561	1	SOU561-015	Uranium-234	3.78E+01	pCi/g	Grid Value	8.48E+00	value
561	1	SOU561-015	Uranium-235	6.79E+00	pCi/g	Grid Value	1.43E+00	value
561	1	SOU561-015	Uranium-238	4.13E+02	pCi/g	Grid Value	1.12E+02	value
561	1	SOU561-016	Aluminum	1.15E+04	mg/kg	Avg	1.76E+04	value
561	1	SOU561-016	Antimony	4.50E-01	mg/kg	Avg	8.95E-01	value
561	1	SOU561-016	Arsenic	1.47E+01	mg/kg	Avg	1.63E+01	value
561	1	SOU561-016	Barium	1.26E+02	mg/kg	Avg	1.44E+02	value
561	1	SOU561-016	Beryllium	6.19E-01	mg/kg	Avg	6.74E-01	value
561	1	SOU561-016	Chromium	#####	mg/kg	Grid Value	9.00E+01	value
561	1	SOU561-016	Cobalt	9.61E+00	mg/kg	Avg	1.10E+01	value
561	1	SOU561-016	Iron	1.89E+04	mg/kg	Avg	2.07E+04	value
561	1	SOU561-016	Manganese	1.12E+03	mg/kg	Avg	1.81E+03	value
561	1	SOU561-016	Nickel	1.40E+01	mg/kg	Avg	1.49E+01	value
561	1	SOU561-016	PCB, Total	1.00E+00	mg/kg	Grid Value	1.01E+00	value
561	1	SOU561-016	Thallium	2.99E-01	mg/kg	Avg	3.27E-01	value
561	1	SOU561-016	Total PAH	4.63E-01	mg/kg	Avg	7.79E-01	value
561	1	SOU561-016	Uranium	3.34E+00	mg/kg	Grid Value	2.65E+02	value
561	1	SOU561-016	Vanadium	3.60E+01	mg/kg	Avg	3.94E+01	value
561	1	SOU561-016	Cesium-137	1.77E-01	pCi/g	Avg	2.53E-01	value
561	1	SOU561-016	Cobalt-60	3.14E-02	pCi/g	Avg	6.98E-02	value
561	1	SOU561-016	Neptunium-237	7.19E-03	pCi/g	Avg	2.61E-02	value
561	1	SOU561-016	Uranium-234	3.19E+00	pCi/g	Avg	8.48E+00	value
561	1	SOU561-016	Uranium-235	4.93E-01	pCi/g	Avg	1.43E+00	value
561	1	SOU561-016	Uranium-238	2.97E+01	pCi/g	Avg	1.12E+02	value
561	1	SOU561-017	Aluminum	9.96E+03	mg/kg	Grid Value	1.76E+04	value
561	1	SOU561-017	Antimony	2.30E-01	mg/kg	Grid Value	8.95E-01	value
561	1	SOU561-017	Arsenic	9.60E+00	mg/kg	Grid Value	1.63E+01	value
561	1	SOU561-017	Barium	1.44E+02	mg/kg	Grid Value	1.44E+02	value
561	1	SOU561-017	Beryllium	5.40E-01	mg/kg	Grid Value	6.74E-01	value
561	1	SOU561-017	Chromium	1.73E+01	mg/kg	Grid Value	9.00E+01	value
561	1	SOU561-017	Cobalt	7.60E+00	mg/kg	Grid Value	1.10E+01	value
561	1	SOU561-017	Iron	1.85E+04	mg/kg	Grid Value	2.07E+04	value
561	1	SOU561-017	Manganese	1.30E+03	mg/kg	Grid Value	1.81E+03	value
561	1	SOU561-017	Nickel	1.85E+01	mg/kg	Grid Value	1.49E+01	value
561	1	SOU561-017	PCB, Total	3.40E-01	mg/kg	Grid Value	1.01E+00	value
561	1	SOU561-017	Thallium	3.00E-01	mg/kg	Grid Value	3.27E-01	value
561	1	SOU561-017	Total PAH	3.80E-01	mg/kg	Grid Value	7.79E-01	value
561	1	SOU561-017	Uranium	1.90E+00	mg/kg	Grid Value	2.65E+02	value
561	1	SOU561-017	Vanadium	2.96E+01	mg/kg	Grid Value	3.94E+01	value
561	1	SOU561-017	Cesium-137	3.71E-01	pCi/g	Grid Value	2.53E-01	value
561	1	SOU561-017	Cobalt-60	2.10E-02	pCi/g	Grid Value	6.98E-02	value
561	1	SOU561-017	Neptunium-237	-2.54E-03	pCi/g	Grid Value	2.61E-02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
561	1	SOU561-017	Uranium-234	2.65E-01	pCi/g	Grid Value	8.48E+00	value
561	1	SOU561-017	Uranium-235	1.94E-02	pCi/g	Grid Value	1.43E+00	value
561	1	SOU561-017	Uranium-238	3.42E-01	pCi/g	Grid Value	1.12E+02	value
561	1	SOU561-018	Aluminum	1.18E+04	mg/kg	Grid Value	1.76E+04	value
561	1	SOU561-018	Antimony	1.80E-01	mg/kg	Grid Value	8.95E-01	value
561	1	SOU561-018	Arsenic	8.60E+00	mg/kg	Grid Value	1.63E+01	value
561	1	SOU561-018	Barium	1.15E+02	mg/kg	Grid Value	1.44E+02	value
561	1	SOU561-018	Beryllium	5.10E-01	mg/kg	Grid Value	6.74E-01	value
561	1	SOU561-018	Chromium	2.78E+01	mg/kg	Grid Value	9.00E+01	value
561	1	SOU561-018	Cobalt	6.60E+00	mg/kg	Grid Value	1.10E+01	value
561	1	SOU561-018	Iron	1.65E+04	mg/kg	Grid Value	2.07E+04	value
561	1	SOU561-018	Manganese	6.03E+02	mg/kg	Grid Value	1.81E+03	value
561	1	SOU561-018	Nickel	2.12E+01	mg/kg	Grid Value	1.49E+01	value
561	1	SOU561-018	PCB, Total	4.70E-01	mg/kg	Grid Value	1.01E+00	value
561	1	SOU561-018	Thallium	2.90E-01	mg/kg	Grid Value	3.27E-01	value
561	1	SOU561-018	Total PAH	6.63E-02	mg/kg	Grid Value	7.79E-01	value
561	1	SOU561-018	Uranium	1.90E+00	mg/kg	Grid Value	2.65E+02	value
561	1	SOU561-018	Vanadium	2.83E+01	mg/kg	Grid Value	3.94E+01	value
561	1	SOU561-018	Cesium-137	2.27E-01	pCi/g	Grid Value	2.53E-01	value
561	1	SOU561-018	Cobalt-60	4.19E-02	pCi/g	Grid Value	6.98E-02	value
561	1	SOU561-018	Neptunium-237	-3.34E-03	pCi/g	Grid Value	2.61E-02	value
561	1	SOU561-018	Uranium-234	2.88E-01	pCi/g	Grid Value	8.48E+00	value
561	1	SOU561-018	Uranium-235	2.07E-02	pCi/g	Grid Value	1.43E+00	value
561	1	SOU561-018	Uranium-238	3.70E-01	pCi/g	Grid Value	1.12E+02	value
561	1	SOU561-019	Aluminum	1.15E+04	mg/kg	Avg	1.76E+04	value
561	1	SOU561-019	Antimony	4.50E-01	mg/kg	Avg	8.95E-01	value
561	1	SOU561-019	Arsenic	1.47E+01	mg/kg	Avg	1.63E+01	value
561	1	SOU561-019	Barium	1.26E+02	mg/kg	Avg	1.44E+02	value
561	1	SOU561-019	Beryllium	6.19E-01	mg/kg	Avg	6.74E-01	value
561	1	SOU561-019	Chromium	#####	mg/kg	Grid Value	9.00E+01	value
561	1	SOU561-019	Cobalt	9.61E+00	mg/kg	Avg	1.10E+01	value
561	1	SOU561-019	Iron	1.89E+04	mg/kg	Avg	2.07E+04	value
561	1	SOU561-019	Manganese	1.12E+03	mg/kg	Avg	1.81E+03	value
561	1	SOU561-019	Nickel	1.40E+01	mg/kg	Avg	1.49E+01	value
561	1	SOU561-019	PCB, Total	1.00E+00	mg/kg	Grid Value	1.01E+00	value
561	1	SOU561-019	Thallium	2.99E-01	mg/kg	Avg	3.27E-01	value
561	1	SOU561-019	Total PAH	4.63E-01	mg/kg	Avg	7.79E-01	value
561	1	SOU561-019	Uranium	#####	mg/kg	Grid Value	2.65E+02	value
561	1	SOU561-019	Vanadium	3.60E+01	mg/kg	Avg	3.94E+01	value
561	1	SOU561-019	Cesium-137	1.77E-01	pCi/g	Avg	2.53E-01	value
561	1	SOU561-019	Cobalt-60	3.14E-02	pCi/g	Avg	6.98E-02	value
561	1	SOU561-019	Neptunium-237	7.19E-03	pCi/g	Avg	2.61E-02	value
561	1	SOU561-019	Uranium-234	3.19E+00	pCi/g	Avg	8.48E+00	value
561	1	SOU561-019	Uranium-235	4.93E-01	pCi/g	Avg	1.43E+00	value
561	1	SOU561-019	Uranium-238	2.97E+01	pCi/g	Avg	1.12E+02	value
561	1	SOU561-020	Aluminum	8.97E+03	mg/kg	Grid Value	1.76E+04	value
561	1	SOU561-020	Antimony	1.40E-01	mg/kg	Grid Value	8.95E-01	value
561	1	SOU561-020	Arsenic	7.50E+00	mg/kg	Grid Value	1.63E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
561	1	SOU561-020	Barium	9.56E+01	mg/kg	Grid Value	1.44E+02	value
561	1	SOU561-020	Beryllium	4.20E-01	mg/kg	Grid Value	6.74E-01	value
561	1	SOU561-020	Chromium	1.20E+01	mg/kg	Grid Value	9.00E+01	value
561	1	SOU561-020	Cobalt	7.10E+00	mg/kg	Grid Value	1.10E+01	value
561	1	SOU561-020	Iron	1.41E+04	mg/kg	Grid Value	2.07E+04	value
561	1	SOU561-020	Manganese	5.42E+02	mg/kg	Grid Value	1.81E+03	value
561	1	SOU561-020	Nickel	1.16E+01	mg/kg	Grid Value	1.49E+01	value
561	1	SOU561-020	PCB, Total	3.40E-01	mg/kg	Grid Value	1.01E+00	value
561	1	SOU561-020	Thallium	3.10E-01	mg/kg	Grid Value	3.27E-01	value
561	1	SOU561-020	Total PAH	3.80E-01	mg/kg	Grid Value	7.79E-01	value
561	1	SOU561-020	Uranium	1.40E+00	mg/kg	Grid Value	2.65E+02	value
561	1	SOU561-020	Vanadium	2.52E+01	mg/kg	Grid Value	3.94E+01	value
561	1	SOU561-020	Cesium-137	9.53E-02	pCi/g	Grid Value	2.53E-01	value
561	1	SOU561-020	Cobalt-60	1.17E-02	pCi/g	Grid Value	6.98E-02	value
561	1	SOU561-020	Neptunium-237	-4.75E-03	pCi/g	Grid Value	2.61E-02	value
561	1	SOU561-020	Uranium-234	1.87E-01	pCi/g	Grid Value	8.48E+00	value
561	1	SOU561-020	Uranium-235	1.56E-02	pCi/g	Grid Value	1.43E+00	value
561	1	SOU561-020	Uranium-238	1.84E-01	pCi/g	Grid Value	1.12E+02	value
561	1	SOU561-021	Aluminum	9.97E+03	mg/kg	Grid Value	1.76E+04	value
561	1	SOU561-021	Antimony	1.40E-01	mg/kg	Grid Value	8.95E-01	value
561	1	SOU561-021	Arsenic	1.05E+01	mg/kg	Grid Value	1.63E+01	value
561	1	SOU561-021	Barium	8.71E+01	mg/kg	Grid Value	1.44E+02	value
561	1	SOU561-021	Beryllium	4.50E-01	mg/kg	Grid Value	6.74E-01	value
561	1	SOU561-021	Chromium	1.66E+01	mg/kg	Grid Value	9.00E+01	value
561	1	SOU561-021	Cobalt	6.70E+00	mg/kg	Grid Value	1.10E+01	value
561	1	SOU561-021	Iron	1.39E+04	mg/kg	Grid Value	2.07E+04	value
561	1	SOU561-021	Manganese	5.68E+02	mg/kg	Grid Value	1.81E+03	value
561	1	SOU561-021	Nickel	1.24E+01	mg/kg	Grid Value	1.49E+01	value
561	1	SOU561-021	PCB, Total	3.50E-01	mg/kg	Grid Value	1.01E+00	value
561	1	SOU561-021	Thallium	1.80E-01	mg/kg	Grid Value	3.27E-01	value
561	1	SOU561-021	Total PAH	3.80E-01	mg/kg	Grid Value	7.79E-01	value
561	1	SOU561-021	Uranium	1.70E+00	mg/kg	Grid Value	2.65E+02	value
561	1	SOU561-021	Vanadium	2.63E+01	mg/kg	Grid Value	3.94E+01	value
561	1	SOU561-021	Cesium-137	7.96E-03	pCi/g	Grid Value	2.53E-01	value
561	1	SOU561-021	Cobalt-60	7.83E-03	pCi/g	Grid Value	6.98E-02	value
561	1	SOU561-021	Neptunium-237	-2.09E-03	pCi/g	Grid Value	2.61E-02	value
561	1	SOU561-021	Uranium-234	1.94E-01	pCi/g	Grid Value	8.48E+00	value
561	1	SOU561-021	Uranium-235	6.86E-03	pCi/g	Grid Value	1.43E+00	value
561	1	SOU561-021	Uranium-238	1.75E-01	pCi/g	Grid Value	1.12E+02	value
561	1	SOU561-022	Aluminum	9.46E+03	mg/kg	Grid Value	1.76E+04	value
561	1	SOU561-022	Antimony	2.80E-01	mg/kg	Grid Value	8.95E-01	value
561	1	SOU561-022	Arsenic	1.72E+01	mg/kg	Grid Value	1.63E+01	value
561	1	SOU561-022	Barium	1.41E+02	mg/kg	Grid Value	1.44E+02	value
561	1	SOU561-022	Beryllium	6.50E-01	mg/kg	Grid Value	6.74E-01	value
561	1	SOU561-022	Chromium	5.54E+01	mg/kg	Grid Value	9.00E+01	value
561	1	SOU561-022	Cobalt	9.40E+00	mg/kg	Grid Value	1.10E+01	value
561	1	SOU561-022	Iron	1.70E+04	mg/kg	Grid Value	2.07E+04	value
561	1	SOU561-022	Manganese	1.63E+03	mg/kg	Grid Value	1.81E+03	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
561	1	SOU561-022	Nickel	1.44E+01	mg/kg	Grid Value	1.49E+01	value
561	1	SOU561-022	PCB, Total	1.60E-01	mg/kg	Grid Value	1.01E+00	value
561	1	SOU561-022	Thallium	2.40E-01	mg/kg	Grid Value	3.27E-01	value
561	1	SOU561-022	Total PAH	3.80E-01	mg/kg	Grid Value	7.79E-01	value
561	1	SOU561-022	Uranium	2.00E+00	mg/kg	Grid Value	2.65E+02	value
561	1	SOU561-022	Vanadium	3.36E+01	mg/kg	Grid Value	3.94E+01	value
561	1	SOU561-022	Cesium-137	2.16E-01	pCi/g	Grid Value	2.53E-01	value
561	1	SOU561-022	Cobalt-60	2.86E-02	pCi/g	Grid Value	6.98E-02	value
561	1	SOU561-022	Neptunium-237	-1.45E-03	pCi/g	Grid Value	2.61E-02	value
561	1	SOU561-022	Uranium-234	3.21E-01	pCi/g	Grid Value	8.48E+00	value
561	1	SOU561-022	Uranium-235	2.22E-02	pCi/g	Grid Value	1.43E+00	value
561	1	SOU561-022	Uranium-238	4.23E-01	pCi/g	Grid Value	1.12E+02	value
561	1	SOU561-023	Aluminum	1.05E+04	mg/kg	Grid Value	1.76E+04	value
561	1	SOU561-023	Antimony	2.30E-01	mg/kg	Grid Value	8.95E-01	value
561	1	SOU561-023	Arsenic	1.76E+01	mg/kg	Grid Value	1.63E+01	value
561	1	SOU561-023	Barium	1.01E+02	mg/kg	Grid Value	1.44E+02	value
561	1	SOU561-023	Beryllium	6.60E-01	mg/kg	Grid Value	6.74E-01	value
561	1	SOU561-023	Chromium	1.11E+02	mg/kg	Grid Value	9.00E+01	value
561	1	SOU561-023	Cobalt	6.50E+00	mg/kg	Grid Value	1.10E+01	value
561	1	SOU561-023	Iron	1.71E+04	mg/kg	Grid Value	2.07E+04	value
561	1	SOU561-023	Manganese	7.00E+02	mg/kg	Grid Value	1.81E+03	value
561	1	SOU561-023	Nickel	2.28E+01	mg/kg	Grid Value	1.49E+01	value
561	1	SOU561-023	PCB, Total	1.70E-01	mg/kg	Grid Value	1.01E+00	value
561	1	SOU561-023	Thallium	2.50E-01	mg/kg	Grid Value	3.27E-01	value
561	1	SOU561-023	Total PAH	2.63E+00	mg/kg	Grid Value	7.79E-01	value
561	1	SOU561-023	Uranium	1.21E+01	mg/kg	Grid Value	2.65E+02	value
561	1	SOU561-023	Vanadium	3.35E+01	mg/kg	Grid Value	3.94E+01	value
561	1	SOU561-023	Cesium-137	1.39E-01	pCi/g	Grid Value	2.53E-01	value
561	1	SOU561-023	Cobalt-60	5.77E-03	pCi/g	Grid Value	6.98E-02	value
561	1	SOU561-023	Neptunium-237	3.19E-03	pCi/g	Grid Value	2.61E-02	value
561	1	SOU561-023	Uranium-234	5.27E-01	pCi/g	Grid Value	8.48E+00	value
561	1	SOU561-023	Uranium-235	3.38E-02	pCi/g	Grid Value	1.43E+00	value
561	1	SOU561-023	Uranium-238	7.97E-01	pCi/g	Grid Value	1.12E+02	value
561	1	SOU561-024	Aluminum	1.15E+04	mg/kg	Avg	1.76E+04	value
561	1	SOU561-024	Antimony	4.50E-01	mg/kg	Avg	8.95E-01	value
561	1	SOU561-024	Arsenic	1.47E+01	mg/kg	Avg	1.63E+01	value
561	1	SOU561-024	Barium	1.26E+02	mg/kg	Avg	1.44E+02	value
561	1	SOU561-024	Beryllium	6.19E-01	mg/kg	Avg	6.74E-01	value
561	1	SOU561-024	Chromium	#####	mg/kg	Grid Value	9.00E+01	value
561	1	SOU561-024	Cobalt	9.61E+00	mg/kg	Avg	1.10E+01	value
561	1	SOU561-024	Iron	1.89E+04	mg/kg	Avg	2.07E+04	value
561	1	SOU561-024	Manganese	1.12E+03	mg/kg	Avg	1.81E+03	value
561	1	SOU561-024	Nickel	1.40E+01	mg/kg	Avg	1.49E+01	value
561	1	SOU561-024	PCB, Total	1.00E+00	mg/kg	Grid Value	1.01E+00	value
561	1	SOU561-024	Thallium	2.99E-01	mg/kg	Avg	3.27E-01	value
561	1	SOU561-024	Total PAH	4.63E-01	mg/kg	Avg	7.79E-01	value
561	1	SOU561-024	Uranium	#####	mg/kg	Grid Value	2.65E+02	value
561	1	SOU561-024	Vanadium	3.60E+01	mg/kg	Avg	3.94E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
561	1	SOU561-024	Cesium-137	1.77E-01	pCi/g	Avg	2.53E-01	value
561	1	SOU561-024	Cobalt-60	3.14E-02	pCi/g	Avg	6.98E-02	value
561	1	SOU561-024	Neptunium-237	7.19E-03	pCi/g	Avg	2.61E-02	value
561	1	SOU561-024	Uranium-234	3.19E+00	pCi/g	Avg	8.48E+00	value
561	1	SOU561-024	Uranium-235	4.93E-01	pCi/g	Avg	1.43E+00	value
561	1	SOU561-024	Uranium-238	2.97E+01	pCi/g	Avg	1.12E+02	value
561	1	SOU561-025	Aluminum	1.15E+04	mg/kg	Avg	1.76E+04	value
561	1	SOU561-025	Antimony	4.50E-01	mg/kg	Avg	8.95E-01	value
561	1	SOU561-025	Arsenic	1.47E+01	mg/kg	Avg	1.63E+01	value
561	1	SOU561-025	Barium	1.26E+02	mg/kg	Avg	1.44E+02	value
561	1	SOU561-025	Beryllium	6.19E-01	mg/kg	Avg	6.74E-01	value
561	1	SOU561-025	Chromium	#####	mg/kg	Grid Value	9.00E+01	value
561	1	SOU561-025	Cobalt	9.61E+00	mg/kg	Avg	1.10E+01	value
561	1	SOU561-025	Iron	1.89E+04	mg/kg	Avg	2.07E+04	value
561	1	SOU561-025	Manganese	1.12E+03	mg/kg	Avg	1.81E+03	value
561	1	SOU561-025	Nickel	1.40E+01	mg/kg	Avg	1.49E+01	value
561	1	SOU561-025	PCB, Total	1.00E+00	mg/kg	Grid Value	1.01E+00	value
561	1	SOU561-025	Thallium	2.99E-01	mg/kg	Avg	3.27E-01	value
561	1	SOU561-025	Total PAH	4.63E-01	mg/kg	Avg	7.79E-01	value
561	1	SOU561-025	Uranium	#####	mg/kg	Grid Value	2.65E+02	value
561	1	SOU561-025	Vanadium	3.60E+01	mg/kg	Avg	3.94E+01	value
561	1	SOU561-025	Cesium-137	1.77E-01	pCi/g	Avg	2.53E-01	value
561	1	SOU561-025	Cobalt-60	3.14E-02	pCi/g	Avg	6.98E-02	value
561	1	SOU561-025	Neptunium-237	7.19E-03	pCi/g	Avg	2.61E-02	value
561	1	SOU561-025	Uranium-234	3.19E+00	pCi/g	Avg	8.48E+00	value
561	1	SOU561-025	Uranium-235	4.93E-01	pCi/g	Avg	1.43E+00	value
561	1	SOU561-025	Uranium-238	2.97E+01	pCi/g	Avg	1.12E+02	value
561	1	SOU561-026	Aluminum	1.29E+04	mg/kg	Grid Value	1.76E+04	value
561	1	SOU561-026	Antimony	1.80E-01	mg/kg	Grid Value	8.95E-01	value
561	1	SOU561-026	Arsenic	8.30E+00	mg/kg	Grid Value	1.63E+01	value
561	1	SOU561-026	Barium	1.11E+02	mg/kg	Grid Value	1.44E+02	value
561	1	SOU561-026	Beryllium	4.80E-01	mg/kg	Grid Value	6.74E-01	value
561	1	SOU561-026	Chromium	1.84E+01	mg/kg	Grid Value	9.00E+01	value
561	1	SOU561-026	Cobalt	6.00E+00	mg/kg	Grid Value	1.10E+01	value
561	1	SOU561-026	Iron	1.38E+04	mg/kg	Grid Value	2.07E+04	value
561	1	SOU561-026	Manganese	5.48E+02	mg/kg	Grid Value	1.81E+03	value
561	1	SOU561-026	Nickel	1.44E+01	mg/kg	Grid Value	1.49E+01	value
561	1	SOU561-026	PCB, Total	3.50E-01	mg/kg	Grid Value	1.01E+00	value
561	1	SOU561-026	Thallium	2.30E-01	mg/kg	Grid Value	3.27E-01	value
561	1	SOU561-026	Total PAH	3.90E-01	mg/kg	Grid Value	7.79E-01	value
561	1	SOU561-026	Uranium	2.10E+00	mg/kg	Grid Value	2.65E+02	value
561	1	SOU561-026	Vanadium	3.55E+01	mg/kg	Grid Value	3.94E+01	value
561	1	SOU561-026	Cesium-137	9.76E-02	pCi/g	Grid Value	2.53E-01	value
561	1	SOU561-026	Cobalt-60	1.17E-02	pCi/g	Grid Value	6.98E-02	value
561	1	SOU561-026	Neptunium-237	-5.63E-03	pCi/g	Grid Value	2.61E-02	value
561	1	SOU561-026	Uranium-234	3.29E-01	pCi/g	Grid Value	8.48E+00	value
561	1	SOU561-026	Uranium-235	1.65E-02	pCi/g	Grid Value	1.43E+00	value
561	1	SOU561-026	Uranium-238	4.74E-01	pCi/g	Grid Value	1.12E+02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
561	1	SOU561-027	Aluminum	1.15E+04	mg/kg	Avg	1.76E+04	value
561	1	SOU561-027	Antimony	4.50E-01	mg/kg	Avg	8.95E-01	value
561	1	SOU561-027	Arsenic	1.47E+01	mg/kg	Avg	1.63E+01	value
561	1	SOU561-027	Barium	1.26E+02	mg/kg	Avg	1.44E+02	value
561	1	SOU561-027	Beryllium	6.19E-01	mg/kg	Avg	6.74E-01	value
561	1	SOU561-027	Chromium	#####	mg/kg	Grid Value	9.00E+01	value
561	1	SOU561-027	Cobalt	9.61E+00	mg/kg	Avg	1.10E+01	value
561	1	SOU561-027	Iron	1.89E+04	mg/kg	Avg	2.07E+04	value
561	1	SOU561-027	Manganese	1.12E+03	mg/kg	Avg	1.81E+03	value
561	1	SOU561-027	Nickel	1.40E+01	mg/kg	Avg	1.49E+01	value
561	1	SOU561-027	PCB, Total	1.00E+00	mg/kg	Grid Value	1.01E+00	value
561	1	SOU561-027	Thallium	2.99E-01	mg/kg	Avg	3.27E-01	value
561	1	SOU561-027	Total PAH	4.63E-01	mg/kg	Avg	7.79E-01	value
561	1	SOU561-027	Uranium	#####	mg/kg	Grid Value	2.65E+02	value
561	1	SOU561-027	Vanadium	3.60E+01	mg/kg	Avg	3.94E+01	value
561	1	SOU561-027	Cesium-137	1.77E-01	pCi/g	Avg	2.53E-01	value
561	1	SOU561-027	Cobalt-60	3.14E-02	pCi/g	Avg	6.98E-02	value
561	1	SOU561-027	Neptunium-237	7.19E-03	pCi/g	Avg	2.61E-02	value
561	1	SOU561-027	Uranium-234	3.19E+00	pCi/g	Avg	8.48E+00	value
561	1	SOU561-027	Uranium-235	4.93E-01	pCi/g	Avg	1.43E+00	value
561	1	SOU561-027	Uranium-238	2.97E+01	pCi/g	Avg	1.12E+02	value
561	1	SOU561-028	Aluminum	1.76E+04	mg/kg	Grid Value	1.76E+04	value
561	1	SOU561-028	Antimony	8.40E-01	mg/kg	Grid Value	8.95E-01	value
561	1	SOU561-028	Arsenic	2.33E+01	mg/kg	Grid Value	1.63E+01	value
561	1	SOU561-028	Barium	1.17E+02	mg/kg	Grid Value	1.44E+02	value
561	1	SOU561-028	Beryllium	1.50E+00	mg/kg	Grid Value	6.74E-01	value
561	1	SOU561-028	Chromium	7.82E+01	mg/kg	Grid Value	9.00E+01	value
561	1	SOU561-028	Cobalt	1.13E+01	mg/kg	Grid Value	1.10E+01	value
561	1	SOU561-028	Iron	4.85E+04	mg/kg	Grid Value	2.07E+04	value
561	1	SOU561-028	Manganese	5.36E+02	mg/kg	Grid Value	1.81E+03	value
561	1	SOU561-028	Nickel	2.07E+01	mg/kg	Grid Value	1.49E+01	value
561	1	SOU561-028	PCB, Total	1.20E-01	mg/kg	Grid Value	1.01E+00	value
561	1	SOU561-028	Thallium	2.60E-01	mg/kg	Grid Value	3.27E-01	value
561	1	SOU561-028	Total PAH	3.70E-01	mg/kg	Grid Value	7.79E-01	value
561	1	SOU561-028	Uranium	5.70E+00	mg/kg	Grid Value	2.65E+02	value
561	1	SOU561-028	Vanadium	8.69E+01	mg/kg	Grid Value	3.94E+01	value
561	1	SOU561-028	Cesium-137	2.40E-01	pCi/g	Grid Value	2.53E-01	value
561	1	SOU561-028	Cobalt-60	2.94E-02	pCi/g	Grid Value	6.98E-02	value
561	1	SOU561-028	Neptunium-237	8.37E-04	pCi/g	Grid Value	2.61E-02	value
561	1	SOU561-028	Uranium-234	7.90E-01	pCi/g	Grid Value	8.48E+00	value
561	1	SOU561-028	Uranium-235	4.55E-02	pCi/g	Grid Value	1.43E+00	value
561	1	SOU561-028	Uranium-238	1.28E+00	pCi/g	Grid Value	1.12E+02	value
561	1	SOU561-029	Aluminum	1.67E+04	mg/kg	Grid Value	1.76E+04	value
561	1	SOU561-029	Antimony	2.20E-01	mg/kg	Grid Value	8.95E-01	value
561	1	SOU561-029	Arsenic	1.50E+01	mg/kg	Grid Value	1.63E+01	value
561	1	SOU561-029	Barium	1.15E+02	mg/kg	Grid Value	1.44E+02	value
561	1	SOU561-029	Beryllium	7.20E-01	mg/kg	Grid Value	6.74E-01	value
561	1	SOU561-029	Chromium	8.67E+01	mg/kg	Grid Value	9.00E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
561	1	SOU561-029	Cobalt	6.40E+00	mg/kg	Grid Value	1.10E+01	value
561	1	SOU561-029	Iron	1.93E+04	mg/kg	Grid Value	2.07E+04	value
561	1	SOU561-029	Manganese	5.20E+02	mg/kg	Grid Value	1.81E+03	value
561	1	SOU561-029	Nickel	1.35E+01	mg/kg	Grid Value	1.49E+01	value
561	1	SOU561-029	PCB, Total	3.50E-01	mg/kg	Grid Value	1.01E+00	value
561	1	SOU561-029	Thallium	2.20E-01	mg/kg	Grid Value	3.27E-01	value
561	1	SOU561-029	Total PAH	3.80E-01	mg/kg	Grid Value	7.79E-01	value
561	1	SOU561-029	Uranium	1.12E+01	mg/kg	Grid Value	2.65E+02	value
561	1	SOU561-029	Vanadium	3.69E+01	mg/kg	Grid Value	3.94E+01	value
561	1	SOU561-029	Cesium-137	3.91E-01	pCi/g	Grid Value	2.53E-01	value
561	1	SOU561-029	Cobalt-60	2.51E-02	pCi/g	Grid Value	6.98E-02	value
561	1	SOU561-029	Neptunium-237	6.41E-03	pCi/g	Grid Value	2.61E-02	value
561	1	SOU561-029	Uranium-234	4.22E-01	pCi/g	Grid Value	8.48E+00	value
561	1	SOU561-029	Uranium-235	2.32E-02	pCi/g	Grid Value	1.43E+00	value
561	1	SOU561-029	Uranium-238	8.01E-01	pCi/g	Grid Value	1.12E+02	value
561	1	SOU561-030	Aluminum	9.16E+03	mg/kg	Grid Value	1.76E+04	value
561	1	SOU561-030	Antimony	1.70E-01	mg/kg	Grid Value	8.95E-01	value
561	1	SOU561-030	Arsenic	7.70E+00	mg/kg	Grid Value	1.63E+01	value
561	1	SOU561-030	Barium	1.11E+02	mg/kg	Grid Value	1.44E+02	value
561	1	SOU561-030	Beryllium	5.20E-01	mg/kg	Grid Value	6.74E-01	value
561	1	SOU561-030	Chromium	6.73E+01	mg/kg	Grid Value	9.00E+01	value
561	1	SOU561-030	Cobalt	1.84E+01	mg/kg	Grid Value	1.10E+01	value
561	1	SOU561-030	Iron	1.46E+04	mg/kg	Grid Value	2.07E+04	value
561	1	SOU561-030	Manganese	2.64E+03	mg/kg	Grid Value	1.81E+03	value
561	1	SOU561-030	Nickel	1.40E+01	mg/kg	Grid Value	1.49E+01	value
561	1	SOU561-030	PCB, Total	1.20E+00	mg/kg	Grid Value	1.01E+00	value
561	1	SOU561-030	Thallium	1.90E-01	mg/kg	Grid Value	3.27E-01	value
561	1	SOU561-030	Total PAH	3.84E-03	mg/kg	Grid Value	7.79E-01	value
561	1	SOU561-030	Uranium	4.11E+02	mg/kg	Grid Value	2.65E+02	value
561	1	SOU561-030	Vanadium	2.74E+01	mg/kg	Grid Value	3.94E+01	value
561	1	SOU561-030	Cesium-137	2.04E-01	pCi/g	Grid Value	2.53E-01	value
561	1	SOU561-030	Cobalt-60	9.91E-03	pCi/g	Grid Value	6.98E-02	value
561	1	SOU561-030	Neptunium-237	6.13E-03	pCi/g	Grid Value	2.61E-02	value
561	1	SOU561-030	Uranium-234	1.48E+01	pCi/g	Grid Value	8.48E+00	value
561	1	SOU561-030	Uranium-235	2.03E+00	pCi/g	Grid Value	1.43E+00	value
561	1	SOU561-030	Uranium-238	1.32E+02	pCi/g	Grid Value	1.12E+02	value
561	1	SOU561-031	Aluminum	1.51E+04	mg/kg	Grid Value	1.76E+04	value
561	1	SOU561-031	Antimony	1.80E-01	mg/kg	Grid Value	8.95E-01	value
561	1	SOU561-031	Arsenic	8.00E+00	mg/kg	Grid Value	1.63E+01	value
561	1	SOU561-031	Barium	1.01E+02	mg/kg	Grid Value	1.44E+02	value
561	1	SOU561-031	Beryllium	5.60E-01	mg/kg	Grid Value	6.74E-01	value
561	1	SOU561-031	Chromium	1.58E+02	mg/kg	Grid Value	9.00E+01	value
561	1	SOU561-031	Cobalt	8.30E+00	mg/kg	Grid Value	1.10E+01	value
561	1	SOU561-031	Iron	1.72E+04	mg/kg	Grid Value	2.07E+04	value
561	1	SOU561-031	Manganese	4.45E+02	mg/kg	Grid Value	1.81E+03	value
561	1	SOU561-031	Nickel	1.34E+01	mg/kg	Grid Value	1.49E+01	value
561	1	SOU561-031	PCB, Total	3.70E-01	mg/kg	Grid Value	1.01E+00	value
561	1	SOU561-031	Thallium	1.60E-01	mg/kg	Grid Value	3.27E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
561	1	SOU561-031	Total PAH	3.80E-01	mg/kg	Grid Value	7.79E-01	value
561	1	SOU561-031	Uranium	3.21E+02	mg/kg	Grid Value	2.65E+02	value
561	1	SOU561-031	Vanadium	3.42E+01	mg/kg	Grid Value	3.94E+01	value
561	1	SOU561-031	Cesium-137	7.85E-02	pCi/g	Grid Value	2.53E-01	value
561	1	SOU561-031	Cobalt-60	2.93E-02	pCi/g	Grid Value	6.98E-02	value
561	1	SOU561-031	Neptunium-237	1.34E-03	pCi/g	Grid Value	2.61E-02	value
561	1	SOU561-031	Uranium-234	8.31E-01	pCi/g	Grid Value	8.48E+00	value
561	1	SOU561-031	Uranium-235	1.02E-01	pCi/g	Grid Value	1.43E+00	value
561	1	SOU561-031	Uranium-238	7.09E+00	pCi/g	Grid Value	1.12E+02	value
561	1	SOU561-032	Aluminum	1.15E+04	mg/kg	Avg	1.76E+04	value
561	1	SOU561-032	Antimony	4.50E-01	mg/kg	Avg	8.95E-01	value
561	1	SOU561-032	Arsenic	1.47E+01	mg/kg	Avg	1.63E+01	value
561	1	SOU561-032	Barium	1.26E+02	mg/kg	Avg	1.44E+02	value
561	1	SOU561-032	Beryllium	6.19E-01	mg/kg	Avg	6.74E-01	value
561	1	SOU561-032	Chromium	1.51E+01	mg/kg	Avg	9.00E+01	value
561	1	SOU561-032	Cobalt	9.61E+00	mg/kg	Avg	1.10E+01	value
561	1	SOU561-032	Iron	1.89E+04	mg/kg	Avg	2.07E+04	value
561	1	SOU561-032	Manganese	1.12E+03	mg/kg	Avg	1.81E+03	value
561	1	SOU561-032	Nickel	1.40E+01	mg/kg	Avg	1.49E+01	value
561	1	SOU561-032	PCB, Total	6.36E-01	mg/kg	Avg	1.01E+00	value
561	1	SOU561-032	Thallium	2.99E-01	mg/kg	Avg	3.27E-01	value
561	1	SOU561-032	Total PAH	4.63E-01	mg/kg	Avg	7.79E-01	value
561	1	SOU561-032	Uranium	6.86E+01	mg/kg	Avg	2.65E+02	value
561	1	SOU561-032	Vanadium	3.60E+01	mg/kg	Avg	3.94E+01	value
561	1	SOU561-032	Cesium-137	1.77E-01	pCi/g	Avg	2.53E-01	value
561	1	SOU561-032	Cobalt-60	3.14E-02	pCi/g	Avg	6.98E-02	value
561	1	SOU561-032	Neptunium-237	7.19E-03	pCi/g	Avg	2.61E-02	value
561	1	SOU561-032	Uranium-234	3.19E+00	pCi/g	Avg	8.48E+00	value
561	1	SOU561-032	Uranium-235	4.93E-01	pCi/g	Avg	1.43E+00	value
561	1	SOU561-032	Uranium-238	2.97E+01	pCi/g	Avg	1.12E+02	value
561	2	SOU561-033	Aluminum	7.17E+03	mg/kg	Grid Value	8.86E+03	value
561	2	SOU561-033	Antimony	3.10E+00	mg/kg	Grid Value	5.09E+00	value
561	2	SOU561-033	Arsenic	6.40E+00	mg/kg	Grid Value	1.27E+01	value
561	2	SOU561-033	Beryllium	4.50E-01	mg/kg	Grid Value	6.21E-01	value
561	2	SOU561-033	Cadmium	2.10E-01	mg/kg	Grid Value	3.95E-01	value
561	2	SOU561-033	Chromium	1.76E+02	mg/kg	Grid Value	3.07E+02	value
561	2	SOU561-033	Cobalt	8.30E+00	mg/kg	Grid Value	1.09E+01	value
561	2	SOU561-033	Manganese	2.80E+02	mg/kg	Grid Value	1.07E+03	value
561	2	SOU561-033	PCB, Total	2.39E+01	mg/kg	Grid Value	1.67E+01	value
561	2	SOU561-033	Thallium	6.50E-01	mg/kg	Grid Value	3.83E-01	value
561	2	SOU561-033	Total PAH	3.80E-01	mg/kg	Grid Value	2.30E+00	value
561	2	SOU561-033	Uranium	2.09E+03	mg/kg	Grid Value	1.41E+03	value
561	2	SOU561-033	Vanadium	5.02E+01	mg/kg	Grid Value	3.32E+01	value
561	2	SOU561-033	Cesium-137	4.03E-01	pCi/g	Grid Value	4.02E-01	value
561	2	SOU561-033	Cobalt-60	2.08E-02	pCi/g	Grid Value	3.02E-02	value
561	2	SOU561-033	Neptunium-237	3.10E-02	pCi/g	Grid Value	4.76E-02	value
561	2	SOU561-033	Uranium-234	7.20E+01	pCi/g	Grid Value	3.92E+01	value
561	2	SOU561-033	Uranium-235	1.67E+01	pCi/g	Grid Value	6.79E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
561	2	SOU561-033	Uranium-238	7.30E+02	pCi/g	Grid Value	3.86E+02	value
561	2	SOU561-034	Aluminum	8.21E+03	mg/kg	Grid Value	8.86E+03	value
561	2	SOU561-034	Antimony	1.70E-01	mg/kg	Grid Value	5.09E+00	value
561	2	SOU561-034	Arsenic	6.30E+00	mg/kg	Grid Value	1.27E+01	value
561	2	SOU561-034	Beryllium	4.70E-01	mg/kg	Grid Value	6.21E-01	value
561	2	SOU561-034	Cadmium	9.10E-02	mg/kg	Grid Value	3.95E-01	value
561	2	SOU561-034	Chromium	2.28E+01	mg/kg	Grid Value	3.07E+02	value
561	2	SOU561-034	Cobalt	6.70E+00	mg/kg	Grid Value	1.09E+01	value
561	2	SOU561-034	Manganese	1.17E+03	mg/kg	Grid Value	1.07E+03	value
561	2	SOU561-034	PCB, Total	4.00E-02	mg/kg	Grid Value	1.67E+01	value
561	2	SOU561-034	Thallium	2.20E-01	mg/kg	Grid Value	3.83E-01	value
561	2	SOU561-034	Total PAH	4.30E-01	mg/kg	Grid Value	2.30E+00	value
561	2	SOU561-034	Uranium	3.96E+01	mg/kg	Grid Value	1.41E+03	value
561	2	SOU561-034	Vanadium	1.88E+01	mg/kg	Grid Value	3.32E+01	value
561	2	SOU561-034	Cesium-137	9.06E-02	pCi/g	Grid Value	4.02E-01	value
561	2	SOU561-034	Cobalt-60	2.19E-02	pCi/g	Grid Value	3.02E-02	value
561	2	SOU561-034	Neptunium-237	-3.04E-03	pCi/g	Grid Value	4.76E-02	value
561	2	SOU561-034	Uranium-234	7.55E-01	pCi/g	Grid Value	3.92E+01	value
561	2	SOU561-034	Uranium-235	1.25E-01	pCi/g	Grid Value	6.79E+00	value
561	2	SOU561-034	Uranium-238	5.85E+00	pCi/g	Grid Value	3.86E+02	value
561	2	SOU561-035	Aluminum	9.43E+03	mg/kg	Grid Value	8.86E+03	value
561	2	SOU561-035	Antimony	2.10E-01	mg/kg	Grid Value	5.09E+00	value
561	2	SOU561-035	Arsenic	1.20E+01	mg/kg	Grid Value	1.27E+01	value
561	2	SOU561-035	Beryllium	7.00E-01	mg/kg	Grid Value	6.21E-01	value
561	2	SOU561-035	Cadmium	1.80E-01	mg/kg	Grid Value	3.95E-01	value
561	2	SOU561-035	Chromium	2.41E+02	mg/kg	Grid Value	3.07E+02	value
561	2	SOU561-035	Cobalt	8.20E+00	mg/kg	Grid Value	1.09E+01	value
561	2	SOU561-035	Manganese	1.46E+03	mg/kg	Grid Value	1.07E+03	value
561	2	SOU561-035	PCB, Total	4.70E+00	mg/kg	Grid Value	1.67E+01	value
561	2	SOU561-035	Thallium	1.90E-01	mg/kg	Grid Value	3.83E-01	value
561	2	SOU561-035	Total PAH	6.72E-01	mg/kg	Grid Value	2.30E+00	value
561	2	SOU561-035	Uranium	3.07E+02	mg/kg	Grid Value	1.41E+03	value
561	2	SOU561-035	Vanadium	2.33E+01	mg/kg	Grid Value	3.32E+01	value
561	2	SOU561-035	Cesium-137	1.85E-01	pCi/g	Grid Value	4.02E-01	value
561	2	SOU561-035	Cobalt-60	3.07E-02	pCi/g	Grid Value	3.02E-02	value
561	2	SOU561-035	Neptunium-237	1.21E-02	pCi/g	Grid Value	4.76E-02	value
561	2	SOU561-035	Uranium-234	7.61E+00	pCi/g	Grid Value	3.92E+01	value
561	2	SOU561-035	Uranium-235	9.10E-01	pCi/g	Grid Value	6.79E+00	value
561	2	SOU561-035	Uranium-238	7.41E+01	pCi/g	Grid Value	3.86E+02	value
561	2	SOU561-036	Aluminum	8.08E+03	mg/kg	Grid Value	8.86E+03	value
561	2	SOU561-036	Antimony	1.80E-01	mg/kg	Grid Value	5.09E+00	value
561	2	SOU561-036	Arsenic	7.30E+00	mg/kg	Grid Value	1.27E+01	value
561	2	SOU561-036	Beryllium	5.80E-01	mg/kg	Grid Value	6.21E-01	value
561	2	SOU561-036	Cadmium	7.60E-02	mg/kg	Grid Value	3.95E-01	value
561	2	SOU561-036	Chromium	2.19E+01	mg/kg	Grid Value	3.07E+02	value
561	2	SOU561-036	Cobalt	6.70E+00	mg/kg	Grid Value	1.09E+01	value
561	2	SOU561-036	Manganese	1.09E+03	mg/kg	Grid Value	1.07E+03	value
561	2	SOU561-036	PCB, Total	2.90E-01	mg/kg	Grid Value	1.67E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
561	2	SOU561-036	Thallium	2.10E-01	mg/kg	Grid Value	3.83E-01	value
561	2	SOU561-036	Total PAH	4.20E-01	mg/kg	Grid Value	2.30E+00	value
561	2	SOU561-036	Uranium	4.41E+01	mg/kg	Grid Value	1.41E+03	value
561	2	SOU561-036	Vanadium	2.09E+01	mg/kg	Grid Value	3.32E+01	value
561	2	SOU561-036	Cesium-137	1.34E-01	pCi/g	Grid Value	4.02E-01	value
561	2	SOU561-036	Cobalt-60	2.56E-02	pCi/g	Grid Value	3.02E-02	value
561	2	SOU561-036	Neptunium-237	-4.96E-03	pCi/g	Grid Value	4.76E-02	value
561	2	SOU561-036	Uranium-234	1.45E+00	pCi/g	Grid Value	3.92E+01	value
561	2	SOU561-036	Uranium-235	2.57E-01	pCi/g	Grid Value	6.79E+00	value
561	2	SOU561-036	Uranium-238	1.37E+01	pCi/g	Grid Value	3.86E+02	value
561	2	SOU561-037	Aluminum	1.24E+04	mg/kg	Grid Value	8.86E+03	value
561	2	SOU561-037	Antimony	3.60E-01	mg/kg	Grid Value	5.09E+00	value
561	2	SOU561-037	Arsenic	1.50E+01	mg/kg	Grid Value	1.27E+01	value
561	2	SOU561-037	Beryllium	7.90E-01	mg/kg	Grid Value	6.21E-01	value
561	2	SOU561-037	Cadmium	8.80E-02	mg/kg	Grid Value	3.95E-01	value
561	2	SOU561-037	Chromium	6.14E+01	mg/kg	Grid Value	3.07E+02	value
561	2	SOU561-037	Cobalt	3.10E+01	mg/kg	Grid Value	1.09E+01	value
561	2	SOU561-037	Manganese	2.23E+03	mg/kg	Grid Value	1.07E+03	value
561	2	SOU561-037	PCB, Total	1.50E+00	mg/kg	Grid Value	1.67E+01	value
561	2	SOU561-037	Thallium	2.30E-01	mg/kg	Grid Value	3.83E-01	value
561	2	SOU561-037	Total PAH	3.80E-01	mg/kg	Grid Value	2.30E+00	value
561	2	SOU561-037	Uranium	3.74E+02	mg/kg	Grid Value	1.41E+03	value
561	2	SOU561-037	Vanadium	3.40E+01	mg/kg	Grid Value	3.32E+01	value
561	2	SOU561-037	Cesium-137	2.07E-01	pCi/g	Grid Value	4.02E-01	value
561	2	SOU561-037	Cobalt-60	3.18E-02	pCi/g	Grid Value	3.02E-02	value
561	2	SOU561-037	Neptunium-237	2.60E-03	pCi/g	Grid Value	4.76E-02	value
561	2	SOU561-037	Uranium-234	4.70E+00	pCi/g	Grid Value	3.92E+01	value
561	2	SOU561-037	Uranium-235	7.01E-01	pCi/g	Grid Value	6.79E+00	value
561	2	SOU561-037	Uranium-238	4.82E+01	pCi/g	Grid Value	3.86E+02	value
561	2	SOU561-038	Aluminum	8.48E+03	mg/kg	Avg	8.86E+03	value
561	2	SOU561-038	Antimony	2.07E+00	mg/kg	Avg	5.09E+00	value
561	2	SOU561-038	Arsenic	1.08E+01	mg/kg	Avg	1.27E+01	value
561	2	SOU561-038	Beryllium	5.77E-01	mg/kg	Avg	6.21E-01	value
561	2	SOU561-038	Cadmium	2.31E-01	mg/kg	Avg	3.95E-01	value
561	2	SOU561-038	Chromium	#####	mg/kg	Grid Value	3.07E+02	value
561	2	SOU561-038	Cobalt	9.43E+00	mg/kg	Avg	1.09E+01	value
561	2	SOU561-038	Manganese	9.51E+02	mg/kg	Avg	1.07E+03	value
561	2	SOU561-038	PCB, Total	1.00E+00	mg/kg	Grid Value	1.67E+01	value
561	2	SOU561-038	Thallium	3.20E-01	mg/kg	Avg	3.83E-01	value
561	2	SOU561-038	Total PAH	9.82E-01	mg/kg	Avg	2.30E+00	value
561	2	SOU561-038	Uranium	2.20E-01	mg/kg	Grid Value	1.41E+03	value
561	2	SOU561-038	Vanadium	2.97E+01	mg/kg	Avg	3.32E+01	value
561	2	SOU561-038	Cesium-137	2.68E-01	pCi/g	Avg	4.02E-01	value
561	2	SOU561-038	Cobalt-60	2.03E-02	pCi/g	Avg	3.02E-02	value
561	2	SOU561-038	Neptunium-237	2.07E-02	pCi/g	Avg	4.76E-02	value
561	2	SOU561-038	Uranium-234	1.86E+01	pCi/g	Avg	3.92E+01	value
561	2	SOU561-038	Uranium-235	3.36E+00	pCi/g	Avg	6.79E+00	value
561	2	SOU561-038	Uranium-238	1.82E+02	pCi/g	Avg	3.86E+02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
561	2	SOU561-039	Aluminum	8.92E+03	mg/kg	Grid Value	8.86E+03	value
561	2	SOU561-039	Antimony	2.20E-01	mg/kg	Grid Value	5.09E+00	value
561	2	SOU561-039	Arsenic	1.08E+01	mg/kg	Grid Value	1.27E+01	value
561	2	SOU561-039	Beryllium	6.00E-01	mg/kg	Grid Value	6.21E-01	value
561	2	SOU561-039	Cadmium	1.20E+00	mg/kg	Grid Value	3.95E-01	value
561	2	SOU561-039	Chromium	2.57E+01	mg/kg	Grid Value	3.07E+02	value
561	2	SOU561-039	Cobalt	8.20E+00	mg/kg	Grid Value	1.09E+01	value
561	2	SOU561-039	Manganese	1.12E+03	mg/kg	Grid Value	1.07E+03	value
561	2	SOU561-039	PCB, Total	8.90E-02	mg/kg	Grid Value	1.67E+01	value
561	2	SOU561-039	Thallium	2.10E-01	mg/kg	Grid Value	3.83E-01	value
561	2	SOU561-039	Total PAH	3.90E-01	mg/kg	Grid Value	2.30E+00	value
561	2	SOU561-039	Uranium	2.85E+02	mg/kg	Grid Value	1.41E+03	value
561	2	SOU561-039	Vanadium	2.41E+01	mg/kg	Grid Value	3.32E+01	value
561	2	SOU561-039	Cesium-137	3.23E-01	pCi/g	Grid Value	4.02E-01	value
561	2	SOU561-039	Cobalt-60	2.29E-02	pCi/g	Grid Value	3.02E-02	value
561	2	SOU561-039	Neptunium-237	5.03E-03	pCi/g	Grid Value	4.76E-02	value
561	2	SOU561-039	Uranium-234	8.38E-01	pCi/g	Grid Value	3.92E+01	value
561	2	SOU561-039	Uranium-235	1.40E-01	pCi/g	Grid Value	6.79E+00	value
561	2	SOU561-039	Uranium-238	7.06E+00	pCi/g	Grid Value	3.86E+02	value
561	2	SOU561-040	Aluminum	8.48E+03	mg/kg	Avg	8.86E+03	value
561	2	SOU561-040	Antimony	2.07E+00	mg/kg	Avg	5.09E+00	value
561	2	SOU561-040	Arsenic	1.08E+01	mg/kg	Avg	1.27E+01	value
561	2	SOU561-040	Beryllium	5.77E-01	mg/kg	Avg	6.21E-01	value
561	2	SOU561-040	Cadmium	2.31E-01	mg/kg	Avg	3.95E-01	value
561	2	SOU561-040	Chromium	#####	mg/kg	Grid Value	3.07E+02	value
561	2	SOU561-040	Cobalt	9.43E+00	mg/kg	Avg	1.09E+01	value
561	2	SOU561-040	Manganese	9.51E+02	mg/kg	Avg	1.07E+03	value
561	2	SOU561-040	PCB, Total	1.00E+00	mg/kg	Grid Value	1.67E+01	value
561	2	SOU561-040	Thallium	3.20E-01	mg/kg	Avg	3.83E-01	value
561	2	SOU561-040	Total PAH	9.82E-01	mg/kg	Avg	2.30E+00	value
561	2	SOU561-040	Uranium	#####	mg/kg	Grid Value	1.41E+03	value
561	2	SOU561-040	Vanadium	2.97E+01	mg/kg	Avg	3.32E+01	value
561	2	SOU561-040	Cesium-137	2.68E-01	pCi/g	Avg	4.02E-01	value
561	2	SOU561-040	Cobalt-60	2.03E-02	pCi/g	Avg	3.02E-02	value
561	2	SOU561-040	Neptunium-237	2.07E-02	pCi/g	Avg	4.76E-02	value
561	2	SOU561-040	Uranium-234	1.86E+01	pCi/g	Avg	3.92E+01	value
561	2	SOU561-040	Uranium-235	3.36E+00	pCi/g	Avg	6.79E+00	value
561	2	SOU561-040	Uranium-238	1.82E+02	pCi/g	Avg	3.86E+02	value
561	2	SOU561-041	Aluminum	1.25E+04	mg/kg	Grid Value	8.86E+03	value
561	2	SOU561-041	Antimony	2.20E+01	mg/kg	Grid Value	5.09E+00	value
561	2	SOU561-041	Arsenic	3.96E+01	mg/kg	Grid Value	1.27E+01	value
561	2	SOU561-041	Beryllium	1.00E+00	mg/kg	Grid Value	6.21E-01	value
561	2	SOU561-041	Cadmium	6.20E-01	mg/kg	Grid Value	3.95E-01	value
561	2	SOU561-041	Chromium	1.37E+03	mg/kg	Grid Value	3.07E+02	value
561	2	SOU561-041	Cobalt	1.98E+01	mg/kg	Grid Value	1.09E+01	value
561	2	SOU561-041	Manganese	1.74E+03	mg/kg	Grid Value	1.07E+03	value
561	2	SOU561-041	PCB, Total	1.40E+01	mg/kg	Grid Value	1.67E+01	value
561	2	SOU561-041	Thallium	1.20E+00	mg/kg	Grid Value	3.83E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
561	2	SOU561-041	Total PAH	1.20E+00	mg/kg	Grid Value	2.30E+00	value
561	2	SOU561-041	Uranium	1.26E+03	mg/kg	Grid Value	1.41E+03	value
561	2	SOU561-041	Vanadium	7.16E+01	mg/kg	Grid Value	3.32E+01	value
561	2	SOU561-041	Cesium-137	1.01E+00	pCi/g	Grid Value	4.02E-01	value
561	2	SOU561-041	Cobalt-60	4.68E-02	pCi/g	Grid Value	3.02E-02	value
561	2	SOU561-041	Neptunium-237	1.90E-01	pCi/g	Grid Value	4.76E-02	value
561	2	SOU561-041	Uranium-234	4.82E+01	pCi/g	Grid Value	3.92E+01	value
561	2	SOU561-041	Uranium-235	9.02E+00	pCi/g	Grid Value	6.79E+00	value
561	2	SOU561-041	Uranium-238	4.58E+02	pCi/g	Grid Value	3.86E+02	value
561	2	SOU561-042	Aluminum	8.48E+03	mg/kg	Avg	8.86E+03	value
561	2	SOU561-042	Antimony	2.07E+00	mg/kg	Avg	5.09E+00	value
561	2	SOU561-042	Arsenic	1.08E+01	mg/kg	Avg	1.27E+01	value
561	2	SOU561-042	Beryllium	5.77E-01	mg/kg	Avg	6.21E-01	value
561	2	SOU561-042	Cadmium	2.31E-01	mg/kg	Avg	3.95E-01	value
561	2	SOU561-042	Chromium	#####	mg/kg	Grid Value	3.07E+02	value
561	2	SOU561-042	Cobalt	9.43E+00	mg/kg	Avg	1.09E+01	value
561	2	SOU561-042	Manganese	9.51E+02	mg/kg	Avg	1.07E+03	value
561	2	SOU561-042	PCB, Total	1.00E+00	mg/kg	Grid Value	1.67E+01	value
561	2	SOU561-042	Thallium	3.20E-01	mg/kg	Avg	3.83E-01	value
561	2	SOU561-042	Total PAH	9.82E-01	mg/kg	Avg	2.30E+00	value
561	2	SOU561-042	Uranium	#####	mg/kg	Grid Value	1.41E+03	value
561	2	SOU561-042	Vanadium	2.97E+01	mg/kg	Avg	3.32E+01	value
561	2	SOU561-042	Cesium-137	2.68E-01	pCi/g	Avg	4.02E-01	value
561	2	SOU561-042	Cobalt-60	2.03E-02	pCi/g	Avg	3.02E-02	value
561	2	SOU561-042	Neptunium-237	2.07E-02	pCi/g	Avg	4.76E-02	value
561	2	SOU561-042	Uranium-234	1.86E+01	pCi/g	Avg	3.92E+01	value
561	2	SOU561-042	Uranium-235	3.36E+00	pCi/g	Avg	6.79E+00	value
561	2	SOU561-042	Uranium-238	1.82E+02	pCi/g	Avg	3.86E+02	value
561	2	SOU561-043	Aluminum	7.10E+03	mg/kg	Grid Value	8.86E+03	value
561	2	SOU561-043	Antimony	4.20E+00	mg/kg	Grid Value	5.09E+00	value
561	2	SOU561-043	Arsenic	9.20E+00	mg/kg	Grid Value	1.27E+01	value
561	2	SOU561-043	Beryllium	6.70E-01	mg/kg	Grid Value	6.21E-01	value
561	2	SOU561-043	Cadmium	2.10E-01	mg/kg	Grid Value	3.95E-01	value
561	2	SOU561-043	Chromium	2.05E+02	mg/kg	Grid Value	3.07E+02	value
561	2	SOU561-043	Cobalt	8.10E+00	mg/kg	Grid Value	1.09E+01	value
561	2	SOU561-043	Manganese	4.09E+02	mg/kg	Grid Value	1.07E+03	value
561	2	SOU561-043	PCB, Total	7.90E+01	mg/kg	Grid Value	1.67E+01	value
561	2	SOU561-043	Thallium	7.30E-01	mg/kg	Grid Value	3.83E-01	value
561	2	SOU561-043	Total PAH	9.83E+00	mg/kg	Grid Value	2.30E+00	value
561	2	SOU561-043	Uranium	6.41E+03	mg/kg	Grid Value	1.41E+03	value
561	2	SOU561-043	Vanadium	3.63E+01	mg/kg	Grid Value	3.32E+01	value
561	2	SOU561-043	Cesium-137	2.79E-01	pCi/g	Grid Value	4.02E-01	value
561	2	SOU561-043	Cobalt-60	3.74E-02	pCi/g	Grid Value	3.02E-02	value
561	2	SOU561-043	Neptunium-237	6.78E-02	pCi/g	Grid Value	4.76E-02	value
561	2	SOU561-043	Uranium-234	1.36E+02	pCi/g	Grid Value	3.92E+01	value
561	2	SOU561-043	Uranium-235	1.96E+01	pCi/g	Grid Value	6.79E+00	value
561	2	SOU561-043	Uranium-238	1.34E+03	pCi/g	Grid Value	3.86E+02	value
561	2	SOU561-044	Aluminum	8.48E+03	mg/kg	Avg	8.86E+03	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
561	2	SOU561-044	Antimony	2.07E+00	mg/kg	Avg	5.09E+00	value
561	2	SOU561-044	Arsenic	1.08E+01	mg/kg	Avg	1.27E+01	value
561	2	SOU561-044	Beryllium	5.77E-01	mg/kg	Avg	6.21E-01	value
561	2	SOU561-044	Cadmium	2.31E-01	mg/kg	Avg	3.95E-01	value
561	2	SOU561-044	Chromium	#####	mg/kg	Grid Value	3.07E+02	value
561	2	SOU561-044	Cobalt	9.43E+00	mg/kg	Avg	1.09E+01	value
561	2	SOU561-044	Manganese	9.51E+02	mg/kg	Avg	1.07E+03	value
561	2	SOU561-044	PCB, Total	1.00E+00	mg/kg	Grid Value	1.67E+01	value
561	2	SOU561-044	Thallium	3.20E-01	mg/kg	Avg	3.83E-01	value
561	2	SOU561-044	Total PAH	9.82E-01	mg/kg	Avg	2.30E+00	value
561	2	SOU561-044	Uranium	-1.60E-01	mg/kg	Grid Value	1.41E+03	value
561	2	SOU561-044	Vanadium	2.97E+01	mg/kg	Avg	3.32E+01	value
561	2	SOU561-044	Cesium-137	2.68E-01	pCi/g	Avg	4.02E-01	value
561	2	SOU561-044	Cobalt-60	2.03E-02	pCi/g	Avg	3.02E-02	value
561	2	SOU561-044	Neptunium-237	2.07E-02	pCi/g	Avg	4.76E-02	value
561	2	SOU561-044	Uranium-234	1.86E+01	pCi/g	Avg	3.92E+01	value
561	2	SOU561-044	Uranium-235	3.36E+00	pCi/g	Avg	6.79E+00	value
561	2	SOU561-044	Uranium-238	1.82E+02	pCi/g	Avg	3.86E+02	value
561	2	SOU561-045	Aluminum	8.48E+03	mg/kg	Avg	8.86E+03	value
561	2	SOU561-045	Antimony	2.07E+00	mg/kg	Avg	5.09E+00	value
561	2	SOU561-045	Arsenic	1.08E+01	mg/kg	Avg	1.27E+01	value
561	2	SOU561-045	Beryllium	5.77E-01	mg/kg	Avg	6.21E-01	value
561	2	SOU561-045	Cadmium	2.31E-01	mg/kg	Avg	3.95E-01	value
561	2	SOU561-045	Chromium	#####	mg/kg	Grid Value	3.07E+02	value
561	2	SOU561-045	Cobalt	9.43E+00	mg/kg	Avg	1.09E+01	value
561	2	SOU561-045	Manganese	9.51E+02	mg/kg	Avg	1.07E+03	value
561	2	SOU561-045	PCB, Total	1.00E+00	mg/kg	Grid Value	1.67E+01	value
561	2	SOU561-045	Thallium	3.20E-01	mg/kg	Avg	3.83E-01	value
561	2	SOU561-045	Total PAH	9.82E-01	mg/kg	Avg	2.30E+00	value
561	2	SOU561-045	Uranium	5.21E+01	mg/kg	Grid Value	1.41E+03	value
561	2	SOU561-045	Vanadium	2.97E+01	mg/kg	Avg	3.32E+01	value
561	2	SOU561-045	Cesium-137	2.68E-01	pCi/g	Avg	4.02E-01	value
561	2	SOU561-045	Cobalt-60	2.03E-02	pCi/g	Avg	3.02E-02	value
561	2	SOU561-045	Neptunium-237	2.07E-02	pCi/g	Avg	4.76E-02	value
561	2	SOU561-045	Uranium-234	1.86E+01	pCi/g	Avg	3.92E+01	value
561	2	SOU561-045	Uranium-235	3.36E+00	pCi/g	Avg	6.79E+00	value
561	2	SOU561-045	Uranium-238	1.82E+02	pCi/g	Avg	3.86E+02	value
561	2	SOU561-046	Aluminum	8.48E+03	mg/kg	Avg	8.86E+03	value
561	2	SOU561-046	Antimony	2.07E+00	mg/kg	Avg	5.09E+00	value
561	2	SOU561-046	Arsenic	1.08E+01	mg/kg	Avg	1.27E+01	value
561	2	SOU561-046	Beryllium	5.77E-01	mg/kg	Avg	6.21E-01	value
561	2	SOU561-046	Cadmium	2.31E-01	mg/kg	Avg	3.95E-01	value
561	2	SOU561-046	Chromium	9.31E+01	mg/kg	Avg	3.07E+02	value
561	2	SOU561-046	Cobalt	9.43E+00	mg/kg	Avg	1.09E+01	value
561	2	SOU561-046	Manganese	9.51E+02	mg/kg	Avg	1.07E+03	value
561	2	SOU561-046	PCB, Total	5.33E+00	mg/kg	Avg	1.67E+01	value
561	2	SOU561-046	Thallium	3.20E-01	mg/kg	Avg	3.83E-01	value
561	2	SOU561-046	Total PAH	9.82E-01	mg/kg	Avg	2.30E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
561	2	SOU561-046	Uranium	4.82E+02	mg/kg	Avg	1.41E+03	value
561	2	SOU561-046	Vanadium	2.97E+01	mg/kg	Avg	3.32E+01	value
561	2	SOU561-046	Cesium-137	2.68E-01	pCi/g	Avg	4.02E-01	value
561	2	SOU561-046	Cobalt-60	2.03E-02	pCi/g	Avg	3.02E-02	value
561	2	SOU561-046	Neptunium-237	2.07E-02	pCi/g	Avg	4.76E-02	value
561	2	SOU561-046	Uranium-234	1.86E+01	pCi/g	Avg	3.92E+01	value
561	2	SOU561-046	Uranium-235	3.36E+00	pCi/g	Avg	6.79E+00	value
561	2	SOU561-046	Uranium-238	1.82E+02	pCi/g	Avg	3.86E+02	value
561	2	SOU561-047	Aluminum	6.36E+03	mg/kg	Grid Value	8.86E+03	value
561	2	SOU561-047	Antimony	1.20E-01	mg/kg	Grid Value	5.09E+00	value
561	2	SOU561-047	Arsenic	6.70E+00	mg/kg	Grid Value	1.27E+01	value
561	2	SOU561-047	Beryllium	4.20E-01	mg/kg	Grid Value	6.21E-01	value
561	2	SOU561-047	Cadmium	1.10E-01	mg/kg	Grid Value	3.95E-01	value
561	2	SOU561-047	Chromium	2.50E+02	mg/kg	Grid Value	3.07E+02	value
561	2	SOU561-047	Cobalt	6.70E+00	mg/kg	Grid Value	1.09E+01	value
561	2	SOU561-047	Manganese	5.47E+02	mg/kg	Grid Value	1.07E+03	value
561	2	SOU561-047	PCB, Total	2.50E+00	mg/kg	Grid Value	1.67E+01	value
561	2	SOU561-047	Thallium	1.20E-01	mg/kg	Grid Value	3.83E-01	value
561	2	SOU561-047	Total PAH	7.47E-02	mg/kg	Grid Value	2.30E+00	value
561	2	SOU561-047	Uranium	3.00E+02	mg/kg	Grid Value	1.41E+03	value
561	2	SOU561-047	Vanadium	1.40E+01	mg/kg	Grid Value	3.32E+01	value
561	2	SOU561-047	Cesium-137	2.79E-01	pCi/g	Grid Value	4.02E-01	value
561	2	SOU561-047	Cobalt-60	-1.53E-02	pCi/g	Grid Value	3.02E-02	value
561	2	SOU561-047	Neptunium-237	1.47E-02	pCi/g	Grid Value	4.76E-02	value
561	2	SOU561-047	Uranium-234	6.62E+00	pCi/g	Grid Value	3.92E+01	value
561	2	SOU561-047	Uranium-235	1.34E+00	pCi/g	Grid Value	6.79E+00	value
561	2	SOU561-047	Uranium-238	5.78E+01	pCi/g	Grid Value	3.86E+02	value
561	2	SOU561-048	Aluminum	8.48E+03	mg/kg	Avg	8.86E+03	value
561	2	SOU561-048	Antimony	2.07E+00	mg/kg	Avg	5.09E+00	value
561	2	SOU561-048	Arsenic	1.08E+01	mg/kg	Avg	1.27E+01	value
561	2	SOU561-048	Beryllium	5.77E-01	mg/kg	Avg	6.21E-01	value
561	2	SOU561-048	Cadmium	2.31E-01	mg/kg	Avg	3.95E-01	value
561	2	SOU561-048	Chromium	#####	mg/kg	Grid Value	3.07E+02	value
561	2	SOU561-048	Cobalt	9.43E+00	mg/kg	Avg	1.09E+01	value
561	2	SOU561-048	Manganese	9.51E+02	mg/kg	Avg	1.07E+03	value
561	2	SOU561-048	PCB, Total	1.00E+00	mg/kg	Grid Value	1.67E+01	value
561	2	SOU561-048	Thallium	3.20E-01	mg/kg	Avg	3.83E-01	value
561	2	SOU561-048	Total PAH	9.82E-01	mg/kg	Avg	2.30E+00	value
561	2	SOU561-048	Uranium	2.71E+01	mg/kg	Grid Value	1.41E+03	value
561	2	SOU561-048	Vanadium	2.97E+01	mg/kg	Avg	3.32E+01	value
561	2	SOU561-048	Cesium-137	2.68E-01	pCi/g	Avg	4.02E-01	value
561	2	SOU561-048	Cobalt-60	2.03E-02	pCi/g	Avg	3.02E-02	value
561	2	SOU561-048	Neptunium-237	2.07E-02	pCi/g	Avg	4.76E-02	value
561	2	SOU561-048	Uranium-234	1.86E+01	pCi/g	Avg	3.92E+01	value
561	2	SOU561-048	Uranium-235	3.36E+00	pCi/g	Avg	6.79E+00	value
561	2	SOU561-048	Uranium-238	1.82E+02	pCi/g	Avg	3.86E+02	value
561	2	SOU561-049	Aluminum	6.86E+03	mg/kg	Grid Value	8.86E+03	value
561	2	SOU561-049	Antimony	1.40E-01	mg/kg	Grid Value	5.09E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
561	2	SOU561-049	Arsenic	4.80E+00	mg/kg	Grid Value	1.27E+01	value
561	2	SOU561-049	Beryllium	3.20E-01	mg/kg	Grid Value	6.21E-01	value
561	2	SOU561-049	Cadmium	6.30E-02	mg/kg	Grid Value	3.95E-01	value
561	2	SOU561-049	Chromium	1.64E+01	mg/kg	Grid Value	3.07E+02	value
561	2	SOU561-049	Cobalt	4.90E+00	mg/kg	Grid Value	1.09E+01	value
561	2	SOU561-049	Manganese	6.75E+02	mg/kg	Grid Value	1.07E+03	value
561	2	SOU561-049	PCB, Total	4.00E-02	mg/kg	Grid Value	1.67E+01	value
561	2	SOU561-049	Thallium	1.80E-01	mg/kg	Grid Value	3.83E-01	value
561	2	SOU561-049	Total PAH	4.20E-01	mg/kg	Grid Value	2.30E+00	value
561	2	SOU561-049	Uranium	1.32E+02	mg/kg	Grid Value	1.41E+03	value
561	2	SOU561-049	Vanadium	1.53E+01	mg/kg	Grid Value	3.32E+01	value
561	2	SOU561-049	Cesium-137	9.17E-02	pCi/g	Grid Value	4.02E-01	value
561	2	SOU561-049	Cobalt-60	1.65E-02	pCi/g	Grid Value	3.02E-02	value
561	2	SOU561-049	Neptunium-237	-4.73E-03	pCi/g	Grid Value	4.76E-02	value
561	2	SOU561-049	Uranium-234	4.39E-01	pCi/g	Grid Value	3.92E+01	value
561	2	SOU561-049	Uranium-235	8.96E-02	pCi/g	Grid Value	6.79E+00	value
561	2	SOU561-049	Uranium-238	3.92E+00	pCi/g	Grid Value	3.86E+02	value
561	2	SOU561-050	Aluminum	6.83E+03	mg/kg	Grid Value	8.86E+03	value
561	2	SOU561-050	Antimony	1.30E-01	mg/kg	Grid Value	5.09E+00	value
561	2	SOU561-050	Arsenic	4.60E+00	mg/kg	Grid Value	1.27E+01	value
561	2	SOU561-050	Beryllium	3.80E-01	mg/kg	Grid Value	6.21E-01	value
561	2	SOU561-050	Cadmium	4.60E-02	mg/kg	Grid Value	3.95E-01	value
561	2	SOU561-050	Chromium	2.05E+01	mg/kg	Grid Value	3.07E+02	value
561	2	SOU561-050	Cobalt	5.20E+00	mg/kg	Grid Value	1.09E+01	value
561	2	SOU561-050	Manganese	5.56E+02	mg/kg	Grid Value	1.07E+03	value
561	2	SOU561-050	PCB, Total	4.00E-02	mg/kg	Grid Value	1.67E+01	value
561	2	SOU561-050	Thallium	1.80E-01	mg/kg	Grid Value	3.83E-01	value
561	2	SOU561-050	Total PAH	4.20E-01	mg/kg	Grid Value	2.30E+00	value
561	2	SOU561-050	Uranium	4.26E+01	mg/kg	Grid Value	1.41E+03	value
561	2	SOU561-050	Vanadium	1.59E+01	mg/kg	Grid Value	3.32E+01	value
561	2	SOU561-050	Cesium-137	9.38E-02	pCi/g	Grid Value	4.02E-01	value
561	2	SOU561-050	Cobalt-60	1.18E-02	pCi/g	Grid Value	3.02E-02	value
561	2	SOU561-050	Neptunium-237	-3.81E-03	pCi/g	Grid Value	4.76E-02	value
561	2	SOU561-050	Uranium-234	5.70E-01	pCi/g	Grid Value	3.92E+01	value
561	2	SOU561-050	Uranium-235	1.05E-01	pCi/g	Grid Value	6.79E+00	value
561	2	SOU561-050	Uranium-238	3.95E+00	pCi/g	Grid Value	3.86E+02	value
561	2	SOU561-051	Aluminum	8.52E+03	mg/kg	Grid Value	8.86E+03	value
561	2	SOU561-051	Antimony	1.40E+00	mg/kg	Grid Value	5.09E+00	value
561	2	SOU561-051	Arsenic	9.40E+00	mg/kg	Grid Value	1.27E+01	value
561	2	SOU561-051	Beryllium	7.60E-01	mg/kg	Grid Value	6.21E-01	value
561	2	SOU561-051	Cadmium	1.50E-01	mg/kg	Grid Value	3.95E-01	value
561	2	SOU561-051	Chromium	5.28E+02	mg/kg	Grid Value	3.07E+02	value
561	2	SOU561-051	Cobalt	9.10E+00	mg/kg	Grid Value	1.09E+01	value
561	2	SOU561-051	Manganese	9.11E+02	mg/kg	Grid Value	1.07E+03	value
561	2	SOU561-051	PCB, Total	4.22E+00	mg/kg	Grid Value	1.67E+01	value
561	2	SOU561-051	Thallium	2.00E-01	mg/kg	Grid Value	3.83E-01	value
561	2	SOU561-051	Total PAH	1.11E-01	mg/kg	Grid Value	2.30E+00	value
561	2	SOU561-051	Uranium	3.60E+02	mg/kg	Grid Value	1.41E+03	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
561	2	SOU561-051	Vanadium	4.91E+01	mg/kg	Grid Value	3.32E+01	value
561	2	SOU561-051	Cesium-137	1.44E-01	pCi/g	Grid Value	4.02E-01	value
561	2	SOU561-051	Cobalt-60	2.61E-02	pCi/g	Grid Value	3.02E-02	value
561	2	SOU561-051	Neptunium-237	9.13E-03	pCi/g	Grid Value	4.76E-02	value
561	2	SOU561-051	Uranium-234	5.80E+00	pCi/g	Grid Value	3.92E+01	value
561	2	SOU561-051	Uranium-235	1.93E+00	pCi/g	Grid Value	6.79E+00	value
561	2	SOU561-051	Uranium-238	5.36E+01	pCi/g	Grid Value	3.86E+02	value
561	2	SOU561-052	Aluminum	8.48E+03	mg/kg	Avg	8.86E+03	value
561	2	SOU561-052	Antimony	2.07E+00	mg/kg	Avg	5.09E+00	value
561	2	SOU561-052	Arsenic	1.08E+01	mg/kg	Avg	1.27E+01	value
561	2	SOU561-052	Beryllium	5.77E-01	mg/kg	Avg	6.21E-01	value
561	2	SOU561-052	Cadmium	2.31E-01	mg/kg	Avg	3.95E-01	value
561	2	SOU561-052	Chromium	#####	mg/kg	Grid Value	3.07E+02	value
561	2	SOU561-052	Cobalt	9.43E+00	mg/kg	Avg	1.09E+01	value
561	2	SOU561-052	Manganese	9.51E+02	mg/kg	Avg	1.07E+03	value
561	2	SOU561-052	PCB, Total	1.00E+00	mg/kg	Grid Value	1.67E+01	value
561	2	SOU561-052	Thallium	3.20E-01	mg/kg	Avg	3.83E-01	value
561	2	SOU561-052	Total PAH	9.82E-01	mg/kg	Avg	2.30E+00	value
561	2	SOU561-052	Uranium	1.35E+00	mg/kg	Grid Value	1.41E+03	value
561	2	SOU561-052	Vanadium	2.97E+01	mg/kg	Avg	3.32E+01	value
561	2	SOU561-052	Cesium-137	2.68E-01	pCi/g	Avg	4.02E-01	value
561	2	SOU561-052	Cobalt-60	2.03E-02	pCi/g	Avg	3.02E-02	value
561	2	SOU561-052	Neptunium-237	2.07E-02	pCi/g	Avg	4.76E-02	value
561	2	SOU561-052	Uranium-234	1.86E+01	pCi/g	Avg	3.92E+01	value
561	2	SOU561-052	Uranium-235	3.36E+00	pCi/g	Avg	6.79E+00	value
561	2	SOU561-052	Uranium-238	1.82E+02	pCi/g	Avg	3.86E+02	value
561	2	SOU561-053	Aluminum	8.48E+03	mg/kg	Grid Value	8.86E+03	value
561	2	SOU561-053	Antimony	1.30E-01	mg/kg	Grid Value	5.09E+00	value
561	2	SOU561-053	Arsenic	6.40E+00	mg/kg	Grid Value	1.27E+01	value
561	2	SOU561-053	Beryllium	4.00E-01	mg/kg	Grid Value	6.21E-01	value
561	2	SOU561-053	Cadmium	3.90E-02	mg/kg	Grid Value	3.95E-01	value
561	2	SOU561-053	Chromium	1.05E+01	mg/kg	Grid Value	3.07E+02	value
561	2	SOU561-053	Cobalt	4.70E+00	mg/kg	Grid Value	1.09E+01	value
561	2	SOU561-053	Manganese	3.99E+02	mg/kg	Grid Value	1.07E+03	value
561	2	SOU561-053	PCB, Total	3.70E-01	mg/kg	Grid Value	1.67E+01	value
561	2	SOU561-053	Thallium	1.30E-01	mg/kg	Grid Value	3.83E-01	value
561	2	SOU561-053	Total PAH	4.10E-01	mg/kg	Grid Value	2.30E+00	value
561	2	SOU561-053	Uranium	9.86E+01	mg/kg	Grid Value	1.41E+03	value
561	2	SOU561-053	Vanadium	2.13E+01	mg/kg	Grid Value	3.32E+01	value
561	2	SOU561-053	Cesium-137	-3.21E-03	pCi/g	Grid Value	4.02E-01	value
561	2	SOU561-053	Cobalt-60	1.06E-02	pCi/g	Grid Value	3.02E-02	value
561	2	SOU561-053	Neptunium-237	3.73E-03	pCi/g	Grid Value	4.76E-02	value
561	2	SOU561-053	Uranium-234	2.22E-01	pCi/g	Grid Value	3.92E+01	value
561	2	SOU561-053	Uranium-235	2.93E-02	pCi/g	Grid Value	6.79E+00	value
561	2	SOU561-053	Uranium-238	1.10E+00	pCi/g	Grid Value	3.86E+02	value
561	2	SOU561-054	Aluminum	8.48E+03	mg/kg	Avg	8.86E+03	value
561	2	SOU561-054	Antimony	2.07E+00	mg/kg	Avg	5.09E+00	value
561	2	SOU561-054	Arsenic	1.08E+01	mg/kg	Avg	1.27E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
561	2	SOU561-054	Beryllium	5.77E-01	mg/kg	Avg	6.21E-01	value
561	2	SOU561-054	Cadmium	2.31E-01	mg/kg	Avg	3.95E-01	value
561	2	SOU561-054	Chromium	9.31E+01	mg/kg	Avg	3.07E+02	value
561	2	SOU561-054	Cobalt	9.43E+00	mg/kg	Avg	1.09E+01	value
561	2	SOU561-054	Manganese	9.51E+02	mg/kg	Avg	1.07E+03	value
561	2	SOU561-054	PCB, Total	5.33E+00	mg/kg	Avg	1.67E+01	value
561	2	SOU561-054	Thallium	3.20E-01	mg/kg	Avg	3.83E-01	value
561	2	SOU561-054	Total PAH	9.82E-01	mg/kg	Avg	2.30E+00	value
561	2	SOU561-054	Uranium	4.82E+02	mg/kg	Avg	1.41E+03	value
561	2	SOU561-054	Vanadium	2.97E+01	mg/kg	Avg	3.32E+01	value
561	2	SOU561-054	Cesium-137	2.68E-01	pCi/g	Avg	4.02E-01	value
561	2	SOU561-054	Cobalt-60	2.03E-02	pCi/g	Avg	3.02E-02	value
561	2	SOU561-054	Neptunium-237	2.07E-02	pCi/g	Avg	4.76E-02	value
561	2	SOU561-054	Uranium-234	1.86E+01	pCi/g	Avg	3.92E+01	value
561	2	SOU561-054	Uranium-235	3.36E+00	pCi/g	Avg	6.79E+00	value
561	2	SOU561-054	Uranium-238	1.82E+02	pCi/g	Avg	3.86E+02	value
561	2	SOU561-055	Aluminum	7.55E+03	mg/kg	Grid Value	8.86E+03	value
561	2	SOU561-055	Antimony	1.70E-01	mg/kg	Grid Value	5.09E+00	value
561	2	SOU561-055	Arsenic	6.10E+00	mg/kg	Grid Value	1.27E+01	value
561	2	SOU561-055	Beryllium	4.50E-01	mg/kg	Grid Value	6.21E-01	value
561	2	SOU561-055	Cadmium	3.20E-01	mg/kg	Grid Value	3.95E-01	value
561	2	SOU561-055	Chromium	1.33E+02	mg/kg	Grid Value	3.07E+02	value
561	2	SOU561-055	Cobalt	7.10E+00	mg/kg	Grid Value	1.09E+01	value
561	2	SOU561-055	Manganese	1.05E+03	mg/kg	Grid Value	1.07E+03	value
561	2	SOU561-055	PCB, Total	1.90E+00	mg/kg	Grid Value	1.67E+01	value
561	2	SOU561-055	Thallium	1.50E-01	mg/kg	Grid Value	3.83E-01	value
561	2	SOU561-055	Total PAH	6.56E-02	mg/kg	Grid Value	2.30E+00	value
561	2	SOU561-055	Uranium	4.69E+02	mg/kg	Grid Value	1.41E+03	value
561	2	SOU561-055	Vanadium	2.44E+01	mg/kg	Grid Value	3.32E+01	value
561	2	SOU561-055	Cesium-137	1.78E-01	pCi/g	Grid Value	4.02E-01	value
561	2	SOU561-055	Cobalt-60	4.38E-02	pCi/g	Grid Value	3.02E-02	value
561	2	SOU561-055	Neptunium-237	1.37E-02	pCi/g	Grid Value	4.76E-02	value
561	2	SOU561-055	Uranium-234	1.15E+01	pCi/g	Grid Value	3.92E+01	value
561	2	SOU561-055	Uranium-235	2.55E+00	pCi/g	Grid Value	6.79E+00	value
561	2	SOU561-055	Uranium-238	1.09E+02	pCi/g	Grid Value	3.86E+02	value
561	2	SOU561-056	Aluminum	8.48E+03	mg/kg	Avg	8.86E+03	value
561	2	SOU561-056	Antimony	2.07E+00	mg/kg	Avg	5.09E+00	value
561	2	SOU561-056	Arsenic	1.08E+01	mg/kg	Avg	1.27E+01	value
561	2	SOU561-056	Beryllium	5.77E-01	mg/kg	Avg	6.21E-01	value
561	2	SOU561-056	Cadmium	2.31E-01	mg/kg	Avg	3.95E-01	value
561	2	SOU561-056	Chromium	9.31E+01	mg/kg	Avg	3.07E+02	value
561	2	SOU561-056	Cobalt	9.43E+00	mg/kg	Avg	1.09E+01	value
561	2	SOU561-056	Manganese	9.51E+02	mg/kg	Avg	1.07E+03	value
561	2	SOU561-056	PCB, Total	5.33E+00	mg/kg	Avg	1.67E+01	value
561	2	SOU561-056	Thallium	3.20E-01	mg/kg	Avg	3.83E-01	value
561	2	SOU561-056	Total PAH	9.82E-01	mg/kg	Avg	2.30E+00	value
561	2	SOU561-056	Uranium	4.82E+02	mg/kg	Avg	1.41E+03	value
561	2	SOU561-056	Vanadium	2.97E+01	mg/kg	Avg	3.32E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
561	2	SOU561-056	Cesium-137	2.68E-01	pCi/g	Avg	4.02E-01	value
561	2	SOU561-056	Cobalt-60	2.03E-02	pCi/g	Avg	3.02E-02	value
561	2	SOU561-056	Neptunium-237	2.07E-02	pCi/g	Avg	4.76E-02	value
561	2	SOU561-056	Uranium-234	1.86E+01	pCi/g	Avg	3.92E+01	value
561	2	SOU561-056	Uranium-235	3.36E+00	pCi/g	Avg	6.79E+00	value
561	2	SOU561-056	Uranium-238	1.82E+02	pCi/g	Avg	3.86E+02	value
561	2	SOU561-057	Aluminum	8.48E+03	mg/kg	Avg	8.86E+03	value
561	2	SOU561-057	Antimony	2.07E+00	mg/kg	Avg	5.09E+00	value
561	2	SOU561-057	Arsenic	1.08E+01	mg/kg	Avg	1.27E+01	value
561	2	SOU561-057	Beryllium	5.77E-01	mg/kg	Avg	6.21E-01	value
561	2	SOU561-057	Cadmium	2.31E-01	mg/kg	Avg	3.95E-01	value
561	2	SOU561-057	Chromium	#####	mg/kg	Grid Value	3.07E+02	value
561	2	SOU561-057	Cobalt	9.43E+00	mg/kg	Avg	1.09E+01	value
561	2	SOU561-057	Manganese	9.51E+02	mg/kg	Avg	1.07E+03	value
561	2	SOU561-057	PCB, Total	1.00E+00	mg/kg	Grid Value	1.67E+01	value
561	2	SOU561-057	Thallium	3.20E-01	mg/kg	Avg	3.83E-01	value
561	2	SOU561-057	Total PAH	9.82E-01	mg/kg	Avg	2.30E+00	value
561	2	SOU561-057	Uranium	8.18E+01	mg/kg	Grid Value	1.41E+03	value
561	2	SOU561-057	Vanadium	2.97E+01	mg/kg	Avg	3.32E+01	value
561	2	SOU561-057	Cesium-137	2.68E-01	pCi/g	Avg	4.02E-01	value
561	2	SOU561-057	Cobalt-60	2.03E-02	pCi/g	Avg	3.02E-02	value
561	2	SOU561-057	Neptunium-237	2.07E-02	pCi/g	Avg	4.76E-02	value
561	2	SOU561-057	Uranium-234	1.86E+01	pCi/g	Avg	3.92E+01	value
561	2	SOU561-057	Uranium-235	3.36E+00	pCi/g	Avg	6.79E+00	value
561	2	SOU561-057	Uranium-238	1.82E+02	pCi/g	Avg	3.86E+02	value
561	2	SOU561-058	Aluminum	8.48E+03	mg/kg	Avg	8.86E+03	value
561	2	SOU561-058	Antimony	2.07E+00	mg/kg	Avg	5.09E+00	value
561	2	SOU561-058	Arsenic	1.08E+01	mg/kg	Avg	1.27E+01	value
561	2	SOU561-058	Beryllium	5.77E-01	mg/kg	Avg	6.21E-01	value
561	2	SOU561-058	Cadmium	2.31E-01	mg/kg	Avg	3.95E-01	value
561	2	SOU561-058	Chromium	9.31E+01	mg/kg	Avg	3.07E+02	value
561	2	SOU561-058	Cobalt	9.43E+00	mg/kg	Avg	1.09E+01	value
561	2	SOU561-058	Manganese	9.51E+02	mg/kg	Avg	1.07E+03	value
561	2	SOU561-058	PCB, Total	5.33E+00	mg/kg	Avg	1.67E+01	value
561	2	SOU561-058	Thallium	3.20E-01	mg/kg	Avg	3.83E-01	value
561	2	SOU561-058	Total PAH	9.82E-01	mg/kg	Avg	2.30E+00	value
561	2	SOU561-058	Uranium	4.82E+02	mg/kg	Avg	1.41E+03	value
561	2	SOU561-058	Vanadium	2.97E+01	mg/kg	Avg	3.32E+01	value
561	2	SOU561-058	Cesium-137	2.68E-01	pCi/g	Avg	4.02E-01	value
561	2	SOU561-058	Cobalt-60	2.03E-02	pCi/g	Avg	3.02E-02	value
561	2	SOU561-058	Neptunium-237	2.07E-02	pCi/g	Avg	4.76E-02	value
561	2	SOU561-058	Uranium-234	1.86E+01	pCi/g	Avg	3.92E+01	value
561	2	SOU561-058	Uranium-235	3.36E+00	pCi/g	Avg	6.79E+00	value
561	2	SOU561-058	Uranium-238	1.82E+02	pCi/g	Avg	3.86E+02	value
561	2	SOU561-059	Aluminum	8.48E+03	mg/kg	Avg	8.86E+03	value
561	2	SOU561-059	Antimony	2.07E+00	mg/kg	Avg	5.09E+00	value
561	2	SOU561-059	Arsenic	1.08E+01	mg/kg	Avg	1.27E+01	value
561	2	SOU561-059	Beryllium	5.77E-01	mg/kg	Avg	6.21E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
561	2	SOU561-059	Cadmium	2.31E-01	mg/kg	Avg	3.95E-01	value
561	2	SOU561-059	Chromium	#####	mg/kg	Grid Value	3.07E+02	value
561	2	SOU561-059	Cobalt	9.43E+00	mg/kg	Avg	1.09E+01	value
561	2	SOU561-059	Manganese	9.51E+02	mg/kg	Avg	1.07E+03	value
561	2	SOU561-059	PCB, Total	1.00E+00	mg/kg	Grid Value	1.67E+01	value
561	2	SOU561-059	Thallium	3.20E-01	mg/kg	Avg	3.83E-01	value
561	2	SOU561-059	Total PAH	9.82E-01	mg/kg	Avg	2.30E+00	value
561	2	SOU561-059	Uranium	3.49E+02	mg/kg	Grid Value	1.41E+03	value
561	2	SOU561-059	Vanadium	2.97E+01	mg/kg	Avg	3.32E+01	value
561	2	SOU561-059	Cesium-137	2.68E-01	pCi/g	Avg	4.02E-01	value
561	2	SOU561-059	Cobalt-60	2.03E-02	pCi/g	Avg	3.02E-02	value
561	2	SOU561-059	Neptunium-237	2.07E-02	pCi/g	Avg	4.76E-02	value
561	2	SOU561-059	Uranium-234	1.86E+01	pCi/g	Avg	3.92E+01	value
561	2	SOU561-059	Uranium-235	3.36E+00	pCi/g	Avg	6.79E+00	value
561	2	SOU561-059	Uranium-238	1.82E+02	pCi/g	Avg	3.86E+02	value
561	2	SOU561-060	Aluminum	8.48E+03	mg/kg	Avg	8.86E+03	value
561	2	SOU561-060	Antimony	2.07E+00	mg/kg	Avg	5.09E+00	value
561	2	SOU561-060	Arsenic	1.08E+01	mg/kg	Avg	1.27E+01	value
561	2	SOU561-060	Beryllium	5.77E-01	mg/kg	Avg	6.21E-01	value
561	2	SOU561-060	Cadmium	2.31E-01	mg/kg	Avg	3.95E-01	value
561	2	SOU561-060	Chromium	#####	mg/kg	Grid Value	3.07E+02	value
561	2	SOU561-060	Cobalt	9.43E+00	mg/kg	Avg	1.09E+01	value
561	2	SOU561-060	Manganese	9.51E+02	mg/kg	Avg	1.07E+03	value
561	2	SOU561-060	PCB, Total	1.00E+00	mg/kg	Grid Value	1.67E+01	value
561	2	SOU561-060	Thallium	3.20E-01	mg/kg	Avg	3.83E-01	value
561	2	SOU561-060	Total PAH	9.82E-01	mg/kg	Avg	2.30E+00	value
561	2	SOU561-060	Uranium	4.21E+01	mg/kg	Grid Value	1.41E+03	value
561	2	SOU561-060	Vanadium	2.97E+01	mg/kg	Avg	3.32E+01	value
561	2	SOU561-060	Cesium-137	2.68E-01	pCi/g	Avg	4.02E-01	value
561	2	SOU561-060	Cobalt-60	2.03E-02	pCi/g	Avg	3.02E-02	value
561	2	SOU561-060	Neptunium-237	2.07E-02	pCi/g	Avg	4.76E-02	value
561	2	SOU561-060	Uranium-234	1.86E+01	pCi/g	Avg	3.92E+01	value
561	2	SOU561-060	Uranium-235	3.36E+00	pCi/g	Avg	6.79E+00	value
561	2	SOU561-060	Uranium-238	1.82E+02	pCi/g	Avg	3.86E+02	value
561	2	SOU561-061	Aluminum	8.80E+03	mg/kg	Grid Value	8.86E+03	value
561	2	SOU561-061	Antimony	4.50E-01	mg/kg	Grid Value	5.09E+00	value
561	2	SOU561-061	Arsenic	2.22E+01	mg/kg	Grid Value	1.27E+01	value
561	2	SOU561-061	Beryllium	8.70E-01	mg/kg	Grid Value	6.21E-01	value
561	2	SOU561-061	Cadmium	2.30E-01	mg/kg	Grid Value	3.95E-01	value
561	2	SOU561-061	Chromium	1.80E+02	mg/kg	Grid Value	3.07E+02	value
561	2	SOU561-061	Cobalt	1.17E+01	mg/kg	Grid Value	1.09E+01	value
561	2	SOU561-061	Manganese	9.74E+02	mg/kg	Grid Value	1.07E+03	value
561	2	SOU561-061	PCB, Total	3.60E-01	mg/kg	Grid Value	1.67E+01	value
561	2	SOU561-061	Thallium	2.60E-01	mg/kg	Grid Value	3.83E-01	value
561	2	SOU561-061	Total PAH	9.89E-02	mg/kg	Grid Value	2.30E+00	value
561	2	SOU561-061	Uranium	8.24E+01	mg/kg	Grid Value	1.41E+03	value
561	2	SOU561-061	Vanadium	4.05E+01	mg/kg	Grid Value	3.32E+01	value
561	2	SOU561-061	Cesium-137	3.13E-01	pCi/g	Grid Value	4.02E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
561	2	SOU561-061	Cobalt-60	1.03E-02	pCi/g	Grid Value	3.02E-02	value
561	2	SOU561-061	Neptunium-237	9.31E-05	pCi/g	Grid Value	4.76E-02	value
561	2	SOU561-061	Uranium-234	8.97E-01	pCi/g	Grid Value	3.92E+01	value
561	2	SOU561-061	Uranium-235	1.46E-01	pCi/g	Grid Value	6.79E+00	value
561	2	SOU561-061	Uranium-238	6.08E+00	pCi/g	Grid Value	3.86E+02	value
561	2	SOU561-062	Aluminum	8.48E+03	mg/kg	Avg	8.86E+03	value
561	2	SOU561-062	Antimony	2.07E+00	mg/kg	Avg	5.09E+00	value
561	2	SOU561-062	Arsenic	1.08E+01	mg/kg	Avg	1.27E+01	value
561	2	SOU561-062	Beryllium	5.77E-01	mg/kg	Avg	6.21E-01	value
561	2	SOU561-062	Cadmium	2.31E-01	mg/kg	Avg	3.95E-01	value
561	2	SOU561-062	Chromium	#####	mg/kg	Grid Value	3.07E+02	value
561	2	SOU561-062	Cobalt	9.43E+00	mg/kg	Avg	1.09E+01	value
561	2	SOU561-062	Manganese	9.51E+02	mg/kg	Avg	1.07E+03	value
561	2	SOU561-062	PCB, Total	1.00E+00	mg/kg	Grid Value	1.67E+01	value
561	2	SOU561-062	Thallium	3.20E-01	mg/kg	Avg	3.83E-01	value
561	2	SOU561-062	Total PAH	9.82E-01	mg/kg	Avg	2.30E+00	value
561	2	SOU561-062	Uranium	9.59E+01	mg/kg	Grid Value	1.41E+03	value
561	2	SOU561-062	Vanadium	2.97E+01	mg/kg	Avg	3.32E+01	value
561	2	SOU561-062	Cesium-137	2.68E-01	pCi/g	Avg	4.02E-01	value
561	2	SOU561-062	Cobalt-60	2.03E-02	pCi/g	Avg	3.02E-02	value
561	2	SOU561-062	Neptunium-237	2.07E-02	pCi/g	Avg	4.76E-02	value
561	2	SOU561-062	Uranium-234	1.86E+01	pCi/g	Avg	3.92E+01	value
561	2	SOU561-062	Uranium-235	3.36E+00	pCi/g	Avg	6.79E+00	value
561	2	SOU561-062	Uranium-238	1.82E+02	pCi/g	Avg	3.86E+02	value
561	2	SOU561-063	Aluminum	8.48E+03	mg/kg	Grid Value	8.86E+03	value
561	2	SOU561-063	Antimony	1.70E-01	mg/kg	Grid Value	5.09E+00	value
561	2	SOU561-063	Arsenic	5.20E+00	mg/kg	Grid Value	1.27E+01	value
561	2	SOU561-063	Beryllium	3.70E-01	mg/kg	Grid Value	6.21E-01	value
561	2	SOU561-063	Cadmium	6.20E-02	mg/kg	Grid Value	3.95E-01	value
561	2	SOU561-063	Chromium	3.87E+01	mg/kg	Grid Value	3.07E+02	value
561	2	SOU561-063	Cobalt	4.50E+00	mg/kg	Grid Value	1.09E+01	value
561	2	SOU561-063	Manganese	6.00E+02	mg/kg	Grid Value	1.07E+03	value
561	2	SOU561-063	PCB, Total	6.00E-02	mg/kg	Grid Value	1.67E+01	value
561	2	SOU561-063	Thallium	2.60E-01	mg/kg	Grid Value	3.83E-01	value
561	2	SOU561-063	Total PAH	4.20E-01	mg/kg	Grid Value	2.30E+00	value
561	2	SOU561-063	Uranium	6.57E+01	mg/kg	Grid Value	1.41E+03	value
561	2	SOU561-063	Vanadium	1.57E+01	mg/kg	Grid Value	3.32E+01	value
561	2	SOU561-063	Cesium-137	5.60E-01	pCi/g	Grid Value	4.02E-01	value
561	2	SOU561-063	Cobalt-60	-1.75E-02	pCi/g	Grid Value	3.02E-02	value
561	2	SOU561-063	Neptunium-237	-2.80E-03	pCi/g	Grid Value	4.76E-02	value
561	2	SOU561-063	Uranium-234	4.46E-01	pCi/g	Grid Value	3.92E+01	value
561	2	SOU561-063	Uranium-235	6.30E-02	pCi/g	Grid Value	6.79E+00	value
561	2	SOU561-063	Uranium-238	3.85E+00	pCi/g	Grid Value	3.86E+02	value
562	1	SOU562-002	Arsenic	5.91E+00	mg/kg	Avg	1.18E+01	maximum value
562	1	SOU562-002	Chromium	3.12E+02	mg/kg	Grid Value	3.15E+02	maximum value
562	1	SOU562-002	PCB, Total	1.00E+00	mg/kg	Grid Value	2.01E+00	maximum value
562	1	SOU562-002	Uranium	8.42E+01	mg/kg	Grid Value	2.27E+02	maximum value
562	1	SOU562-002	Cesium-137	1.50E-01	pCi/g	Avg	4.52E-01	maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
562	1	SOU562-002	Uranium-235	2.03E-01	pCi/g	Avg	5.91E-01	maximum value
562	1	SOU562-002	Uranium-238	1.41E+01	pCi/g	Avg	4.42E+01	maximum value
562	1	SOU562-003	Arsenic	1.18E+01	mg/kg	Grid Value	1.18E+01	maximum value
562	1	SOU562-003	Chromium	3.71E+01	mg/kg	Grid Value	3.15E+02	maximum value
562	1	SOU562-003	PCB, Total	1.30E-01	mg/kg	Grid Value	2.01E+00	maximum value
562	1	SOU562-003	Uranium	1.80E+01	mg/kg	Grid Value	2.27E+02	maximum value
562	1	SOU562-003	Cesium-137	2.74E-02	pCi/g	Grid Value	4.52E-01	maximum value
562	1	SOU562-003	Uranium-235	5.99E-02	pCi/g	Grid Value	5.91E-01	maximum value
562	1	SOU562-003	Uranium-238	2.94E+00	pCi/g	Grid Value	4.42E+01	maximum value
562	1	SOU562-004	Arsenic	2.95E+00	mg/kg	Grid Value	1.18E+01	maximum value
562	1	SOU562-004	Chromium	1.24E+01	mg/kg	Grid Value	3.15E+02	maximum value
562	1	SOU562-004	PCB, Total	1.30E-01	mg/kg	Grid Value	2.01E+00	maximum value
562	1	SOU562-004	Uranium	6.03E+00	mg/kg	Grid Value	2.27E+02	maximum value
562	1	SOU562-004	Cesium-137	4.52E-01	pCi/g	Grid Value	4.52E-01	maximum value
562	1	SOU562-004	Uranium-235	4.78E-02	pCi/g	Grid Value	5.91E-01	maximum value
562	1	SOU562-004	Uranium-238	2.13E+00	pCi/g	Grid Value	4.42E+01	maximum value
562	1	SOU562-005	Arsenic	5.91E+00	mg/kg	Avg	1.18E+01	maximum value
562	1	SOU562-005	Chromium	6.60E+01	mg/kg	Grid Value	3.15E+02	maximum value
562	1	SOU562-005	PCB, Total	1.00E+00	mg/kg	Grid Value	2.01E+00	maximum value
562	1	SOU562-005	Uranium	3.44E+01	mg/kg	Grid Value	2.27E+02	maximum value
562	1	SOU562-005	Cesium-137	1.50E-01	pCi/g	Avg	4.52E-01	maximum value
562	1	SOU562-005	Uranium-235	2.03E-01	pCi/g	Avg	5.91E-01	maximum value
562	1	SOU562-005	Uranium-238	1.41E+01	pCi/g	Avg	4.42E+01	maximum value
562	1	SOU562-006	Arsenic	2.24E+00	mg/kg	Grid Value	1.18E+01	maximum value
562	1	SOU562-006	Chromium	3.15E+02	mg/kg	Grid Value	3.15E+02	maximum value
562	1	SOU562-006	PCB, Total	6.50E-01	mg/kg	Grid Value	2.01E+00	maximum value
562	1	SOU562-006	Uranium	2.22E+02	mg/kg	Grid Value	2.27E+02	maximum value
562	1	SOU562-006	Cesium-137	1.14E-02	pCi/g	Grid Value	4.52E-01	maximum value
562	1	SOU562-006	Uranium-235	1.14E-01	pCi/g	Grid Value	5.91E-01	maximum value
562	1	SOU562-006	Uranium-238	7.23E+00	pCi/g	Grid Value	4.42E+01	maximum value
562	1	SOU562-007	Arsenic	6.65E+00	mg/kg	Grid Value	1.18E+01	maximum value
562	1	SOU562-007	Chromium	1.27E+02	mg/kg	Grid Value	3.15E+02	maximum value
562	1	SOU562-007	PCB, Total	2.01E+00	mg/kg	Grid Value	2.01E+00	maximum value
562	1	SOU562-007	Uranium	1.40E+02	mg/kg	Grid Value	2.27E+02	maximum value
562	1	SOU562-007	Cesium-137	1.09E-01	pCi/g	Grid Value	4.52E-01	maximum value
562	1	SOU562-007	Uranium-235	5.91E-01	pCi/g	Grid Value	5.91E-01	maximum value
562	1	SOU562-007	Uranium-238	4.42E+01	pCi/g	Grid Value	4.42E+01	maximum value
562	1	SOU562-008	Arsenic	5.91E+00	mg/kg	Avg	1.18E+01	maximum value
562	1	SOU562-008	Chromium	6.26E+01	mg/kg	Grid Value	3.15E+02	maximum value
562	1	SOU562-008	PCB, Total	1.00E+00	mg/kg	Grid Value	2.01E+00	maximum value
562	1	SOU562-008	Uranium	2.27E+02	mg/kg	Grid Value	2.27E+02	maximum value
562	1	SOU562-008	Cesium-137	1.50E-01	pCi/g	Avg	4.52E-01	maximum value
562	1	SOU562-008	Uranium-235	2.03E-01	pCi/g	Avg	5.91E-01	maximum value
562	1	SOU562-008	Uranium-238	1.41E+01	pCi/g	Avg	4.42E+01	maximum value
562	2	SOU562-009	PCB, Total	1.58E+00	mg/kg	Grid Value	1.58E+00	maximum value
562	2	SOU562-009	Cesium-137	3.58E-01	pCi/g	Grid Value	3.58E-01	maximum value
562	2	SOU562-009	Protactinium-234m	2.74E+00	pCi/g	Grid Value	2.76E+02	maximum value
562	2	SOU562-009	Uranium-234	5.34E+01	pCi/g	Grid Value	5.34E+01	maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
562	2	SOU562-009	Uranium-235	8.96E+00	pCi/g	Grid Value	8.96E+00	maximum value
562	2	SOU562-009	Uranium-238	5.81E+02	pCi/g	Grid Value	5.81E+02	maximum value
562	2	SOU562-011	PCB, Total	1.30E-01	mg/kg	Grid Value	1.58E+00	maximum value
562	2	SOU562-011	Cesium-137	1.34E-01	pCi/g	Grid Value	3.58E-01	maximum value
562	2	SOU562-011	Protactinium-234m	2.76E+02	pCi/g	Grid Value	2.76E+02	maximum value
562	2	SOU562-011	Uranium-234	2.74E+01	pCi/g	Grid Value	5.34E+01	maximum value
562	2	SOU562-011	Uranium-235	5.29E+00	pCi/g	Grid Value	8.96E+00	maximum value
562	2	SOU562-011	Uranium-238	2.87E+02	pCi/g	Grid Value	5.81E+02	maximum value
562	3	SOU562-012	PCB, Total	2.40E-01	mg/kg	Grid Value	2.40E-01	maximum value
562	3	SOU562-012	Total PAH	2.20E-01	mg/kg	Grid Value	2.20E-01	maximum value
562	3	SOU562-012	Uranium	5.89E+01	mg/kg	Grid Value	5.89E+01	maximum value
562	3	SOU562-012	Uranium-235	1.63E-01	pCi/g	Grid Value	1.63E-01	maximum value
562	3	SOU562-012	Uranium-238	1.09E+01	pCi/g	Grid Value	1.09E+01	maximum value
562	4	SOU562-013	Chromium	4.67E+01	mg/kg	Grid Value	4.67E+01	maximum value
562	4	SOU562-013	Uranium	1.60E+01	mg/kg	Grid Value	2.10E+01	maximum value
562	4	SOU562-013	Cesium-137	4.91E-01	pCi/g	Grid Value	4.91E-01	maximum value
562	4	SOU562-013	Uranium-238	2.42E+00	pCi/g	Grid Value	2.42E+00	maximum value
562	4	SOU562-014	Chromium	6.50E+01	mg/kg	Grid Value	4.67E+01	maximum value
562	4	SOU562-014	Uranium	2.10E+01	mg/kg	Grid Value	2.10E+01	maximum value
562	4	SOU562-014	Cesium-137	4.91E-01	pCi/g	Avg	4.91E-01	maximum value
562	4	SOU562-014	Uranium-238	2.42E+00	pCi/g	Avg	2.42E+00	maximum value
562	4	SOU562-015	Chromium	6.50E+01	mg/kg	Grid Value	4.67E+01	maximum value
562	4	SOU562-015	Uranium	8.00E+00	mg/kg	Grid Value	2.10E+01	maximum value
562	4	SOU562-015	Cesium-137	4.91E-01	pCi/g	Avg	4.91E-01	maximum value
562	4	SOU562-015	Uranium-238	2.42E+00	pCi/g	Avg	2.42E+00	maximum value
562	5	SOU562-016	Chromium	1.53E+02	mg/kg	Grid Value	1.53E+02	maximum value
562	5	SOU562-016	PCB, Total	9.50E-01	mg/kg	Grid Value	9.50E-01	maximum value
562	5	SOU562-016	Total PAH	7.05E-02	mg/kg	Grid Value	7.05E-02	maximum value
562	5	SOU562-016	Uranium	2.08E+02	mg/kg	Grid Value	2.08E+02	maximum value
562	5	SOU562-016	Cesium-137	1.49E-01	pCi/g	Grid Value	3.80E-01	maximum value
562	5	SOU562-016	Uranium-234	4.10E+00	pCi/g	Grid Value	8.57E+00	maximum value
562	5	SOU562-016	Uranium-235	5.68E-01	pCi/g	Grid Value	9.50E-01	maximum value
562	5	SOU562-016	Uranium-238	4.21E+01	pCi/g	Grid Value	6.24E+01	maximum value
562	5	SOU562-018	Chromium	1.22E+02	mg/kg	Grid Value	1.53E+02	maximum value
562	5	SOU562-018	PCB, Total	1.00E+00	mg/kg	Grid Value	9.50E-01	maximum value
562	5	SOU562-018	Total PAH	6.33E-03	mg/kg	Grid Value	7.05E-02	maximum value
562	5	SOU562-018	Uranium	7.76E+01	mg/kg	Grid Value	2.08E+02	maximum value
562	5	SOU562-018	Cesium-137	2.65E-01	pCi/g	Avg	3.80E-01	maximum value
562	5	SOU562-018	Uranium-234	6.34E+00	pCi/g	Avg	8.57E+00	maximum value
562	5	SOU562-018	Uranium-235	7.59E-01	pCi/g	Avg	9.50E-01	maximum value
562	5	SOU562-018	Uranium-238	5.23E+01	pCi/g	Avg	6.24E+01	maximum value
562	5	SOU562-019	Chromium	3.53E+01	mg/kg	Grid Value	1.53E+02	maximum value
562	5	SOU562-019	PCB, Total	1.00E+00	mg/kg	Grid Value	9.50E-01	maximum value
562	5	SOU562-019	Total PAH	1.15E-03	mg/kg	Grid Value	7.05E-02	maximum value
562	5	SOU562-019	Uranium	1.86E+02	mg/kg	Grid Value	2.08E+02	maximum value
562	5	SOU562-019	Cesium-137	3.80E-01	pCi/g	Grid Value	3.80E-01	maximum value
562	5	SOU562-019	Uranium-234	8.57E+00	pCi/g	Grid Value	8.57E+00	maximum value
562	5	SOU562-019	Uranium-235	9.50E-01	pCi/g	Grid Value	9.50E-01	maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
562	5	SOU562-019	Uranium-238	6.24E+01	pCi/g	Grid Value	6.24E+01	maximum value
562	6	SOU562-020	Protactinium-234m	3.66E+02	pCi/g	Grid Value	3.66E+02	maximum value
562	6	SOU562-020	Uranium-234	4.01E+01	pCi/g	Grid Value	4.01E+01	maximum value
562	6	SOU562-020	Uranium-235	6.81E+00	pCi/g	Grid Value	6.81E+00	maximum value
562	6	SOU562-020	Uranium-238	3.62E+02	pCi/g	Grid Value	3.62E+02	maximum value
563	1	SOU563-001	Cadmium	8.96E-01	mg/kg	Grid Value	8.96E-01	maximum value
563	1	SOU563-001	Chromium	3.34E+02	mg/kg	Grid Value	3.34E+02	maximum value
563	1	SOU563-001	PCB, Total	3.54E+00	mg/kg	Grid Value	3.54E+00	maximum value
563	1	SOU563-001	Uranium	1.24E+01	mg/kg	Grid Value	1.51E+01	maximum value
563	1	SOU563-001	Cesium-137	2.88E-01	pCi/g	Grid Value	2.88E-01	maximum value
563	1	SOU563-001	Neptunium-237	1.20E-01	pCi/g	Grid Value	1.20E-01	maximum value
563	1	SOU563-001	Uranium-238	2.96E+00	pCi/g	Grid Value	2.96E+00	maximum value
563	1	SOU563-002	Cadmium	7.05E-01	mg/kg	Grid Value	8.96E-01	maximum value
563	1	SOU563-002	Chromium	1.15E+02	mg/kg	Grid Value	3.34E+02	maximum value
563	1	SOU563-002	PCB, Total	5.90E-01	mg/kg	Grid Value	3.54E+00	maximum value
563	1	SOU563-002	Uranium	6.05E+00	mg/kg	Grid Value	1.51E+01	maximum value
563	1	SOU563-002	Cesium-137	2.03E-01	pCi/g	Grid Value	2.88E-01	maximum value
563	1	SOU563-002	Neptunium-237	3.38E-03	pCi/g	Grid Value	1.20E-01	maximum value
563	1	SOU563-002	Uranium-238	1.38E+00	pCi/g	Grid Value	2.96E+00	maximum value
563	1	SOU563-003	Cadmium	8.01E-01	mg/kg	Avg	8.96E-01	maximum value
563	1	SOU563-003	Chromium	2.17E+02	mg/kg	Avg	3.34E+02	maximum value
563	1	SOU563-003	PCB, Total	1.71E+00	mg/kg	Avg	3.54E+00	maximum value
563	1	SOU563-003	Uranium	3.77E+00	mg/kg	Grid Value	1.51E+01	maximum value
563	1	SOU563-003	Cesium-137	5.00E-02	pCi/g	Grid Value	2.88E-01	maximum value
563	1	SOU563-003	Neptunium-237	1.10E-03	pCi/g	Grid Value	1.20E-01	maximum value
563	1	SOU563-003	Uranium-238	1.26E+00	pCi/g	Grid Value	2.96E+00	maximum value
563	1	SOU563-004	Cadmium	8.01E-01	mg/kg	Avg	8.96E-01	maximum value
563	1	SOU563-004	Chromium	2.03E+02	mg/kg	Grid Value	3.34E+02	maximum value
563	1	SOU563-004	PCB, Total	1.00E+00	mg/kg	Grid Value	3.54E+00	maximum value
563	1	SOU563-004	Uranium	1.51E+01	mg/kg	Grid Value	1.51E+01	maximum value
563	1	SOU563-004	Cesium-137	1.80E-01	pCi/g	Avg	2.88E-01	maximum value
563	1	SOU563-004	Neptunium-237	4.15E-02	pCi/g	Avg	1.20E-01	maximum value
563	1	SOU563-004	Uranium-238	1.87E+00	pCi/g	Avg	2.96E+00	maximum value
563	2	SOU563-005	Cesium-137	5.82E-02	pCi/g	Grid Value	6.47E-01	maximum value
563	2	SOU563-005	Uranium-238	1.84E-01	pCi/g	Grid Value	1.49E+00	maximum value
563	2	SOU563-006	Cesium-137	6.47E-01	pCi/g	Grid Value	6.47E-01	maximum value
563	2	SOU563-006	Uranium-238	1.49E+00	pCi/g	Grid Value	1.49E+00	maximum value
564	1	SOU564-001	Aluminum	1.27E+04	mg/kg	Grid Value	1.27E+04	maximum value
564	1	SOU564-001	Arsenic	4.30E+01	mg/kg	Grid Value	4.30E+01	maximum value
564	1	SOU564-001	Beryllium	2.12E+00	mg/kg	Grid Value	2.12E+00	maximum value
564	1	SOU564-001	Cadmium	1.96E+00	mg/kg	Grid Value	1.96E+00	maximum value
564	1	SOU564-001	Chromium	8.32E+01	mg/kg	Grid Value	8.32E+01	maximum value
564	1	SOU564-001	Iron	3.66E+04	mg/kg	Grid Value	3.66E+04	maximum value
564	1	SOU564-001	Mercury	2.30E-01	mg/kg	Grid Value	2.30E-01	maximum value
564	1	SOU564-001	Nickel	2.24E+01	mg/kg	Grid Value	2.24E+01	maximum value
564	1	SOU564-001	PCB, Total	1.93E+00	mg/kg	Grid Value	1.93E+00	maximum value
564	1	SOU564-001	Thallium	2.36E+00	mg/kg	Grid Value	2.36E+00	maximum value
564	1	SOU564-001	Uranium	5.83E+01	mg/kg	Grid Value	5.83E+01	maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
564	1	SOU564-001	Vanadium	8.06E+01	mg/kg	Grid Value	8.06E+01	maximum value
564	1	SOU564-001	Cesium-137	6.20E-01	pCi/g	Grid Value	6.20E-01	maximum value
564	1	SOU564-001	Thorium-230	5.01E+00	pCi/g	Grid Value	5.01E+00	maximum value
564	1	SOU564-001	Uranium-234	6.93E+00	pCi/g	Grid Value	6.93E+00	maximum value
564	1	SOU564-001	Uranium-235	3.87E-01	pCi/g	Grid Value	3.87E-01	maximum value
564	1	SOU564-001	Uranium-238	8.54E+00	pCi/g	Grid Value	8.54E+00	maximum value
567	1	SOU567-001	Aluminum	1.25E+04	mg/kg	Avg	1.29E+04	maximum value
567	1	SOU567-001	Manganese	9.53E+02	mg/kg	Avg	1.32E+03	maximum value
567	1	SOU567-002	Aluminum	1.25E+04	mg/kg	Avg	1.29E+04	maximum value
567	1	SOU567-002	Manganese	9.53E+02	mg/kg	Avg	1.32E+03	maximum value
567	1	SOU567-003	Aluminum	1.25E+04	mg/kg	Avg	1.29E+04	maximum value
567	1	SOU567-003	Manganese	9.53E+02	mg/kg	Avg	1.32E+03	maximum value
567	1	SOU567-004	Aluminum	1.25E+04	mg/kg	Avg	1.29E+04	maximum value
567	1	SOU567-004	Manganese	9.53E+02	mg/kg	Avg	1.32E+03	maximum value
567	1	SOU567-005	Aluminum	1.29E+04	mg/kg	Grid Value	1.29E+04	maximum value
567	1	SOU567-005	Manganese	5.86E+02	mg/kg	Grid Value	1.32E+03	maximum value
567	1	SOU567-006	Aluminum	1.21E+04	mg/kg	Grid Value	1.29E+04	maximum value
567	1	SOU567-006	Manganese	1.32E+03	mg/kg	Grid Value	1.32E+03	maximum value
567	3	SOU567-017	Chromium	5.21E+01	mg/kg	Grid Value	5.21E+01	value
567	3	SOU567-017	Uranium-238	1.72E+00	pCi/g	Grid Value	1.72E+00	value
567	3	SOU567-018	Chromium	5.21E+01	mg/kg	Avg	5.21E+01	value
567	3	SOU567-018	Uranium-238	1.72E+00	pCi/g	Avg	1.72E+00	value
567	3	SOU567-019	Chromium	5.21E+01	mg/kg	Avg	5.21E+01	value
567	3	SOU567-019	Uranium-238	1.72E+00	pCi/g	Avg	1.72E+00	value
567	3	SOU567-020	Chromium	5.21E+01	mg/kg	Avg	5.21E+01	value
567	3	SOU567-020	Uranium-238	1.72E+00	pCi/g	Avg	1.72E+00	value
567	3	SOU567-021	Chromium	5.21E+01	mg/kg	Avg	5.21E+01	value
567	3	SOU567-021	Uranium-238	1.72E+00	pCi/g	Avg	1.72E+00	value
567	3	SOU567-022	Chromium	5.21E+01	mg/kg	Avg	5.21E+01	value
567	3	SOU567-022	Uranium-238	1.72E+00	pCi/g	Avg	1.72E+00	value
567	3	SOU567-023	Chromium	5.21E+01	mg/kg	Avg	5.21E+01	value
567	3	SOU567-023	Uranium-238	1.72E+00	pCi/g	Avg	1.72E+00	value
567	3	SOU567-024	Chromium	5.21E+01	mg/kg	Avg	5.21E+01	value
567	3	SOU567-024	Uranium-238	1.72E+00	pCi/g	Avg	1.72E+00	value
567	3	SOU567-025	Chromium	5.21E+01	mg/kg	Avg	5.21E+01	value
567	3	SOU567-025	Uranium-238	1.72E+00	pCi/g	Avg	1.72E+00	value
567	3	SOU567-026	Chromium	5.21E+01	mg/kg	Avg	5.21E+01	value
567	3	SOU567-026	Uranium-238	1.72E+00	pCi/g	Avg	1.72E+00	value
567	4	SOU567-027	Aluminum	1.23E+04	mg/kg	Avg	1.25E+04	value
567	4	SOU567-027	Arsenic	1.02E+01	mg/kg	Avg	1.09E+01	value
567	4	SOU567-027	Uranium-238	9.59E-01	pCi/g	Avg	1.08E+00	value
567	4	SOU567-028	Aluminum	1.23E+04	mg/kg	Avg	1.25E+04	value
567	4	SOU567-028	Arsenic	1.02E+01	mg/kg	Avg	1.09E+01	value
567	4	SOU567-028	Uranium-238	9.59E-01	pCi/g	Avg	1.08E+00	value
567	4	SOU567-029	Aluminum	1.23E+04	mg/kg	Avg	1.25E+04	value
567	4	SOU567-029	Arsenic	1.02E+01	mg/kg	Avg	1.09E+01	value
567	4	SOU567-029	Uranium-238	9.59E-01	pCi/g	Avg	1.08E+00	value
567	4	SOU567-030	Aluminum	1.23E+04	mg/kg	Avg	1.25E+04	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
567	4	SOU567-030	Arsenic	1.02E+01	mg/kg	Avg	1.09E+01	value
567	4	SOU567-030	Uranium-238	9.59E-01	pCi/g	Avg	1.08E+00	value
567	4	SOU567-031	Aluminum	1.34E+04	mg/kg	Grid Value	1.25E+04	value
567	4	SOU567-031	Arsenic	6.80E+00	mg/kg	Grid Value	1.09E+01	value
567	4	SOU567-031	Uranium-238	3.47E-01	pCi/g	Grid Value	1.08E+00	value
567	4	SOU567-032	Aluminum	1.23E+04	mg/kg	Avg	1.25E+04	value
567	4	SOU567-032	Arsenic	1.02E+01	mg/kg	Avg	1.09E+01	value
567	4	SOU567-032	Uranium-238	9.59E-01	pCi/g	Avg	1.08E+00	value
567	4	SOU567-033	Aluminum	1.23E+04	mg/kg	Avg	1.25E+04	value
567	4	SOU567-033	Arsenic	1.02E+01	mg/kg	Avg	1.09E+01	value
567	4	SOU567-033	Uranium-238	9.59E-01	pCi/g	Avg	1.08E+00	value
567	4	SOU567-034	Aluminum	1.23E+04	mg/kg	Avg	1.25E+04	value
567	4	SOU567-034	Arsenic	1.02E+01	mg/kg	Avg	1.09E+01	value
567	4	SOU567-034	Uranium-238	9.59E-01	pCi/g	Avg	1.08E+00	value
567	4	SOU567-035	Aluminum	1.23E+04	mg/kg	Avg	1.25E+04	value
567	4	SOU567-035	Arsenic	1.02E+01	mg/kg	Avg	1.09E+01	value
567	4	SOU567-035	Uranium-238	9.59E-01	pCi/g	Avg	1.08E+00	value
567	4	SOU567-036	Aluminum	1.23E+04	mg/kg	Avg	1.25E+04	value
567	4	SOU567-036	Arsenic	1.02E+01	mg/kg	Avg	1.09E+01	value
567	4	SOU567-036	Uranium-238	9.59E-01	pCi/g	Avg	1.08E+00	value
567	4	SOU567-037	Aluminum	1.23E+04	mg/kg	Avg	1.25E+04	value
567	4	SOU567-037	Arsenic	1.02E+01	mg/kg	Avg	1.09E+01	value
567	4	SOU567-037	Uranium-238	9.59E-01	pCi/g	Avg	1.08E+00	value
567	4	SOU567-038	Aluminum	1.23E+04	mg/kg	Avg	1.25E+04	value
567	4	SOU567-038	Arsenic	1.02E+01	mg/kg	Avg	1.09E+01	value
567	4	SOU567-038	Uranium-238	9.59E-01	pCi/g	Avg	1.08E+00	value
567	4	SOU567-039	Aluminum	1.12E+04	mg/kg	Grid Value	1.25E+04	value
567	4	SOU567-039	Arsenic	1.36E+01	mg/kg	Grid Value	1.09E+01	value
567	4	SOU567-039	Uranium-238	1.57E+00	pCi/g	Grid Value	1.08E+00	value
14	1	SOU014-001	Antimony	3.20E-01	mg/kg	Grid Value	6.30E-01	value
14	1	SOU014-001	Arsenic	1.52E+01	mg/kg	Grid Value	1.13E+01	value
14	1	SOU014-001	Beryllium	4.60E-01	mg/kg	Grid Value	6.84E-01	value
14	1	SOU014-001	Chromium	4.58E+01	mg/kg	Grid Value	6.56E+01	value
14	1	SOU014-001	Iron	8.07E+04	mg/kg	Grid Value	4.24E+04	value
14	1	SOU014-001	Manganese	4.37E+02	mg/kg	Grid Value	8.41E+02	value
14	1	SOU014-001	Nickel	1.19E+02	mg/kg	Grid Value	7.40E+02	value
14	1	SOU014-001	PCB, Total	3.80E-01	mg/kg	Grid Value	5.00E-01	value
14	1	SOU014-001	Silver	3.40E-02	mg/kg	Grid Value	1.67E+01	value
14	1	SOU014-001	Uranium	2.42E+01	mg/kg	Grid Value	2.56E+02	value
14	1	SOU014-001	Vanadium	2.25E+01	mg/kg	Grid Value	2.99E+01	value
14	1	SOU014-001	Americium-241	5.49E-01	pCi/g	Avg	1.06E+00	value
14	1	SOU014-001	Cobalt-60	2.42E-02	pCi/g	Avg	2.42E-02	value
14	1	SOU014-001	Neptunium-237	1.86E-01	pCi/g	Avg	2.64E-01	value
14	1	SOU014-001	Technetium-99	1.38E+02	pCi/g	Avg	4.06E+02	value
14	1	SOU014-001	Uranium-235	1.20E-01	pCi/g	Avg	1.99E-01	value
14	1	SOU014-001	Uranium-238	3.65E+00	pCi/g	Avg	6.24E+00	value
14	1	SOU014-002	Antimony	9.73E+00	mg/kg	Grid Value	6.30E-01	value
14	1	SOU014-002	Arsenic	9.40E+00	mg/kg	Grid Value	1.13E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
14	1	SOU014-002	Beryllium	4.55E-01	mg/kg	Grid Value	6.84E-01	value
14	1	SOU014-002	Chromium	3.67E+01	mg/kg	Grid Value	6.56E+01	value
14	1	SOU014-002	Iron	1.75E+04	mg/kg	Grid Value	4.24E+04	value
14	1	SOU014-002	Manganese	5.66E+02	mg/kg	Grid Value	8.41E+02	value
14	1	SOU014-002	Nickel	9.42E+01	mg/kg	Grid Value	7.40E+02	value
14	1	SOU014-002	PCB, Total	5.00E-01	mg/kg	Grid Value	5.00E-01	value
14	1	SOU014-002	Silver	2.28E+00	mg/kg	Grid Value	1.67E+01	value
14	1	SOU014-002	Uranium	1.03E+01	mg/kg	Grid Value	2.56E+02	value
14	1	SOU014-002	Vanadium	6.75E+00	mg/kg	Grid Value	2.99E+01	value
14	1	SOU014-002	Americium-241	1.65E+00	pCi/g	Grid Value	1.06E+00	value
14	1	SOU014-002	Cobalt-60	2.42E-02	pCi/g	Grid Value	2.42E-02	value
14	1	SOU014-002	Neptunium-237	2.73E-01	pCi/g	Grid Value	2.64E-01	value
14	1	SOU014-002	Technetium-99	4.06E+02	pCi/g	Grid Value	4.06E+02	value
14	1	SOU014-002	Uranium-235	1.13E-02	pCi/g	Grid Value	1.99E-01	value
14	1	SOU014-002	Uranium-238	1.21E-01	pCi/g	Grid Value	6.24E+00	value
14	1	SOU014-003	Antimony	2.80E+00	mg/kg	Avg	6.30E-01	value
14	1	SOU014-003	Arsenic	1.13E+01	mg/kg	Grid Value	1.13E+01	value
14	1	SOU014-003	Beryllium	5.91E-01	mg/kg	Avg	6.84E-01	value
14	1	SOU014-003	Chromium	5.84E+01	mg/kg	Grid Value	6.56E+01	value
14	1	SOU014-003	Iron	3.23E+04	mg/kg	Grid Value	4.24E+04	value
14	1	SOU014-003	Manganese	3.39E+02	mg/kg	Grid Value	8.41E+02	value
14	1	SOU014-003	Nickel	1.33E+02	mg/kg	Grid Value	7.40E+02	value
14	1	SOU014-003	PCB, Total	5.00E+00	mg/kg	Grid Value	5.00E-01	value
14	1	SOU014-003	Silver	1.24E+01	mg/kg	Grid Value	1.67E+01	value
14	1	SOU014-003	Uranium	4.43E+01	mg/kg	Grid Value	2.56E+02	value
14	1	SOU014-003	Vanadium	2.50E+01	mg/kg	Avg	2.99E+01	value
14	1	SOU014-003	Americium-241	5.49E-01	pCi/g	Avg	1.06E+00	value
14	1	SOU014-003	Cobalt-60	2.42E-02	pCi/g	Avg	2.42E-02	value
14	1	SOU014-003	Neptunium-237	1.86E-01	pCi/g	Avg	2.64E-01	value
14	1	SOU014-003	Technetium-99	1.38E+02	pCi/g	Avg	4.06E+02	value
14	1	SOU014-003	Uranium-235	1.20E-01	pCi/g	Avg	1.99E-01	value
14	1	SOU014-003	Uranium-238	3.65E+00	pCi/g	Avg	6.24E+00	value
14	1	SOU014-004	Antimony	2.80E+00	mg/kg	Avg	6.30E-01	value
14	1	SOU014-004	Arsenic	6.29E+00	mg/kg	Grid Value	1.13E+01	value
14	1	SOU014-004	Beryllium	5.91E-01	mg/kg	Avg	6.84E-01	value
14	1	SOU014-004	Chromium	8.50E+01	mg/kg	Grid Value	6.56E+01	value
14	1	SOU014-004	Iron	1.33E+04	mg/kg	Grid Value	4.24E+04	value
14	1	SOU014-004	Manganese	2.33E+02	mg/kg	Grid Value	8.41E+02	value
14	1	SOU014-004	Nickel	9.77E+01	mg/kg	Grid Value	7.40E+02	value
14	1	SOU014-004	PCB, Total	5.00E+00	mg/kg	Grid Value	5.00E-01	value
14	1	SOU014-004	Silver	1.00E+01	mg/kg	Grid Value	1.67E+01	value
14	1	SOU014-004	Uranium	1.74E+01	mg/kg	Grid Value	2.56E+02	value
14	1	SOU014-004	Vanadium	2.50E+01	mg/kg	Avg	2.99E+01	value
14	1	SOU014-004	Americium-241	5.49E-01	pCi/g	Avg	1.06E+00	value
14	1	SOU014-004	Cobalt-60	2.42E-02	pCi/g	Avg	2.42E-02	value
14	1	SOU014-004	Neptunium-237	1.86E-01	pCi/g	Avg	2.64E-01	value
14	1	SOU014-004	Technetium-99	1.38E+02	pCi/g	Avg	4.06E+02	value
14	1	SOU014-004	Uranium-235	1.20E-01	pCi/g	Avg	1.99E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
14	1	SOU014-004	Uranium-238	3.65E+00	pCi/g	Avg	6.24E+00	value
14	1	SOU014-012	Antimony	2.80E+00	mg/kg	Avg	6.30E-01	value
14	1	SOU014-012	Arsenic	1.10E+01	mg/kg	Grid Value	1.13E+01	value
14	1	SOU014-012	Beryllium	5.91E-01	mg/kg	Avg	6.84E-01	value
14	1	SOU014-012	Chromium	4.44E+01	mg/kg	Grid Value	6.56E+01	value
14	1	SOU014-012	Iron	1.61E+04	mg/kg	Grid Value	4.24E+04	value
14	1	SOU014-012	Manganese	3.55E+02	mg/kg	Grid Value	8.41E+02	value
14	1	SOU014-012	Nickel	6.50E+01	mg/kg	Grid Value	7.40E+02	value
14	1	SOU014-012	PCB, Total	5.00E+00	mg/kg	Grid Value	5.00E-01	value
14	1	SOU014-012	Silver	1.00E+01	mg/kg	Grid Value	1.67E+01	value
14	1	SOU014-012	Uranium	9.47E+00	mg/kg	Grid Value	2.56E+02	value
14	1	SOU014-012	Vanadium	2.50E+01	mg/kg	Avg	2.99E+01	value
14	1	SOU014-012	Americium-241	5.49E-01	pCi/g	Avg	1.06E+00	value
14	1	SOU014-012	Cobalt-60	2.42E-02	pCi/g	Avg	2.42E-02	value
14	1	SOU014-012	Neptunium-237	1.86E-01	pCi/g	Avg	2.64E-01	value
14	1	SOU014-012	Technetium-99	1.38E+02	pCi/g	Avg	4.06E+02	value
14	1	SOU014-012	Uranium-235	1.20E-01	pCi/g	Avg	1.99E-01	value
14	1	SOU014-012	Uranium-238	3.65E+00	pCi/g	Avg	6.24E+00	value
14	1	SOU014-013	Antimony	5.20E-01	mg/kg	Grid Value	6.30E-01	value
14	1	SOU014-013	Arsenic	4.10E+00	mg/kg	Grid Value	1.13E+01	value
14	1	SOU014-013	Beryllium	3.50E-01	mg/kg	Grid Value	6.84E-01	value
14	1	SOU014-013	Chromium	1.27E+01	mg/kg	Grid Value	6.56E+01	value
14	1	SOU014-013	Iron	1.75E+04	mg/kg	Grid Value	4.24E+04	value
14	1	SOU014-013	Manganese	1.85E+02	mg/kg	Grid Value	8.41E+02	value
14	1	SOU014-013	Nickel	9.34E+01	mg/kg	Grid Value	7.40E+02	value
14	1	SOU014-013	PCB, Total	5.00E+00	mg/kg	Grid Value	5.00E-01	value
14	1	SOU014-013	Silver	1.15E+01	mg/kg	Grid Value	1.67E+01	value
14	1	SOU014-013	Uranium	6.86E+00	mg/kg	Grid Value	2.56E+02	value
14	1	SOU014-013	Vanadium	2.06E+01	mg/kg	Grid Value	2.99E+01	value
14	1	SOU014-013	Americium-241	-2.50E-03	pCi/g	Grid Value	1.06E+00	value
14	1	SOU014-013	Cobalt-60	2.42E-02	pCi/g	Avg	2.42E-02	value
14	1	SOU014-013	Neptunium-237	2.00E-02	pCi/g	Grid Value	2.64E-01	value
14	1	SOU014-013	Technetium-99	7.50E-01	pCi/g	Grid Value	4.06E+02	value
14	1	SOU014-013	Uranium-235	6.10E-02	pCi/g	Grid Value	1.99E-01	value
14	1	SOU014-013	Uranium-238	1.69E+00	pCi/g	Grid Value	6.24E+00	value
14	1	SOU014-014	Antimony	2.80E+00	mg/kg	Avg	6.30E-01	value
14	1	SOU014-014	Arsenic	1.09E+01	mg/kg	Grid Value	1.13E+01	value
14	1	SOU014-014	Beryllium	5.91E-01	mg/kg	Avg	6.84E-01	value
14	1	SOU014-014	Chromium	8.50E+01	mg/kg	Grid Value	6.56E+01	value
14	1	SOU014-014	Iron	4.08E+04	mg/kg	Grid Value	4.24E+04	value
14	1	SOU014-014	Manganese	2.00E+02	mg/kg	Grid Value	8.41E+02	value
14	1	SOU014-014	Nickel	6.50E+01	mg/kg	Grid Value	7.40E+02	value
14	1	SOU014-014	PCB, Total	5.00E+00	mg/kg	Grid Value	5.00E-01	value
14	1	SOU014-014	Silver	1.67E+01	mg/kg	Grid Value	1.67E+01	value
14	1	SOU014-014	Uranium	2.00E+01	mg/kg	Grid Value	2.56E+02	value
14	1	SOU014-014	Vanadium	2.50E+01	mg/kg	Avg	2.99E+01	value
14	1	SOU014-014	Americium-241	5.49E-01	pCi/g	Avg	1.06E+00	value
14	1	SOU014-014	Cobalt-60	2.42E-02	pCi/g	Avg	2.42E-02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
14	1	SOU014-014	Neptunium-237	1.86E-01	pCi/g	Avg	2.64E-01	value
14	1	SOU014-014	Technetium-99	1.38E+02	pCi/g	Avg	4.06E+02	value
14	1	SOU014-014	Uranium-235	1.20E-01	pCi/g	Avg	1.99E-01	value
14	1	SOU014-014	Uranium-238	3.65E+00	pCi/g	Avg	6.24E+00	value
14	1	SOU014-015	Antimony	6.30E-01	mg/kg	Grid Value	6.30E-01	value
14	1	SOU014-015	Arsenic	8.55E+00	mg/kg	Grid Value	1.13E+01	value
14	1	SOU014-015	Beryllium	1.10E+00	mg/kg	Grid Value	6.84E-01	value
14	1	SOU014-015	Chromium	7.27E+01	mg/kg	Grid Value	6.56E+01	value
14	1	SOU014-015	Iron	3.19E+04	mg/kg	Grid Value	4.24E+04	value
14	1	SOU014-015	Manganese	3.21E+02	mg/kg	Grid Value	8.41E+02	value
14	1	SOU014-015	Nickel	8.03E+01	mg/kg	Grid Value	7.40E+02	value
14	1	SOU014-015	PCB, Total	3.30E-01	mg/kg	Grid Value	5.00E-01	value
14	1	SOU014-015	Silver	3.10E-02	mg/kg	Grid Value	1.67E+01	value
14	1	SOU014-015	Uranium	2.73E+01	mg/kg	Grid Value	2.56E+02	value
14	1	SOU014-015	Vanadium	5.02E+01	mg/kg	Grid Value	2.99E+01	value
14	1	SOU014-015	Americium-241	6.00E-04	pCi/g	Grid Value	1.06E+00	value
14	1	SOU014-015	Cobalt-60	2.42E-02	pCi/g	Avg	2.42E-02	value
14	1	SOU014-015	Neptunium-237	2.66E-01	pCi/g	Grid Value	2.64E-01	value
14	1	SOU014-015	Technetium-99	6.18E+00	pCi/g	Grid Value	4.06E+02	value
14	1	SOU014-015	Uranium-235	2.87E-01	pCi/g	Grid Value	1.99E-01	value
14	1	SOU014-015	Uranium-238	9.14E+00	pCi/g	Grid Value	6.24E+00	value
14	1	SOU014-023	Antimony	2.80E+00	mg/kg	Avg	6.30E-01	value
14	1	SOU014-023	Arsenic	1.10E+01	mg/kg	Grid Value	1.13E+01	value
14	1	SOU014-023	Beryllium	5.91E-01	mg/kg	Avg	6.84E-01	value
14	1	SOU014-023	Chromium	5.71E+01	mg/kg	Grid Value	6.56E+01	value
14	1	SOU014-023	Iron	1.54E+04	mg/kg	Grid Value	4.24E+04	value
14	1	SOU014-023	Manganese	8.24E+02	mg/kg	Grid Value	8.41E+02	value
14	1	SOU014-023	Nickel	6.50E+01	mg/kg	Grid Value	7.40E+02	value
14	1	SOU014-023	PCB, Total	5.00E+00	mg/kg	Grid Value	5.00E-01	value
14	1	SOU014-023	Silver	1.00E+01	mg/kg	Grid Value	1.67E+01	value
14	1	SOU014-023	Uranium	9.59E+00	mg/kg	Grid Value	2.56E+02	value
14	1	SOU014-023	Vanadium	2.50E+01	mg/kg	Avg	2.99E+01	value
14	1	SOU014-023	Americium-241	5.49E-01	pCi/g	Avg	1.06E+00	value
14	1	SOU014-023	Cobalt-60	2.42E-02	pCi/g	Avg	2.42E-02	value
14	1	SOU014-023	Neptunium-237	1.86E-01	pCi/g	Avg	2.64E-01	value
14	1	SOU014-023	Technetium-99	1.38E+02	pCi/g	Avg	4.06E+02	value
14	1	SOU014-023	Uranium-235	1.20E-01	pCi/g	Avg	1.99E-01	value
14	1	SOU014-023	Uranium-238	3.65E+00	pCi/g	Avg	6.24E+00	value
14	1	SOU014-024	Antimony	2.80E+00	mg/kg	Avg	6.30E-01	value
14	1	SOU014-024	Arsenic	1.21E+01	mg/kg	Grid Value	1.13E+01	value
14	1	SOU014-024	Beryllium	5.91E-01	mg/kg	Avg	6.84E-01	value
14	1	SOU014-024	Chromium	5.18E+01	mg/kg	Grid Value	6.56E+01	value
14	1	SOU014-024	Iron	3.06E+04	mg/kg	Grid Value	4.24E+04	value
14	1	SOU014-024	Manganese	1.09E+03	mg/kg	Grid Value	8.41E+02	value
14	1	SOU014-024	Nickel	5.41E+02	mg/kg	Grid Value	7.40E+02	value
14	1	SOU014-024	PCB, Total	5.00E+00	mg/kg	Grid Value	5.00E-01	value
14	1	SOU014-024	Silver	1.00E+01	mg/kg	Grid Value	1.67E+01	value
14	1	SOU014-024	Uranium	2.31E+02	mg/kg	Grid Value	2.56E+02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
14	1	SOU014-024	Vanadium	2.50E+01	mg/kg	Avg	2.99E+01	value
14	1	SOU014-024	Americium-241	5.49E-01	pCi/g	Avg	1.06E+00	value
14	1	SOU014-024	Cobalt-60	2.42E-02	pCi/g	Avg	2.42E-02	value
14	1	SOU014-024	Neptunium-237	1.86E-01	pCi/g	Avg	2.64E-01	value
14	1	SOU014-024	Technetium-99	1.38E+02	pCi/g	Avg	4.06E+02	value
14	1	SOU014-024	Uranium-235	1.20E-01	pCi/g	Avg	1.99E-01	value
14	1	SOU014-024	Uranium-238	3.65E+00	pCi/g	Avg	6.24E+00	value
14	1	SOU014-025	Antimony	2.80E+00	mg/kg	Avg	6.30E-01	value
14	1	SOU014-025	Arsenic	9.50E+00	mg/kg	Grid Value	1.13E+01	value
14	1	SOU014-025	Beryllium	5.91E-01	mg/kg	Avg	6.84E-01	value
14	1	SOU014-025	Chromium	6.36E+01	mg/kg	Grid Value	6.56E+01	value
14	1	SOU014-025	Iron	3.61E+04	mg/kg	Grid Value	4.24E+04	value
14	1	SOU014-025	Manganese	1.12E+03	mg/kg	Grid Value	8.41E+02	value
14	1	SOU014-025	Nickel	6.02E+02	mg/kg	Grid Value	7.40E+02	value
14	1	SOU014-025	PCB, Total	5.00E+00	mg/kg	Grid Value	5.00E-01	value
14	1	SOU014-025	Silver	1.00E+01	mg/kg	Grid Value	1.67E+01	value
14	1	SOU014-025	Uranium	3.28E+02	mg/kg	Grid Value	2.56E+02	value
14	1	SOU014-025	Vanadium	2.50E+01	mg/kg	Avg	2.99E+01	value
14	1	SOU014-025	Americium-241	5.49E-01	pCi/g	Avg	1.06E+00	value
14	1	SOU014-025	Cobalt-60	2.42E-02	pCi/g	Avg	2.42E-02	value
14	1	SOU014-025	Neptunium-237	1.86E-01	pCi/g	Avg	2.64E-01	value
14	1	SOU014-025	Technetium-99	1.38E+02	pCi/g	Avg	4.06E+02	value
14	1	SOU014-025	Uranium-235	1.20E-01	pCi/g	Avg	1.99E-01	value
14	1	SOU014-025	Uranium-238	3.65E+00	pCi/g	Avg	6.24E+00	value
14	1	SOU014-026	Antimony	2.80E+00	mg/kg	Avg	6.30E-01	value
14	1	SOU014-026	Arsenic	7.75E+00	mg/kg	Grid Value	1.13E+01	value
14	1	SOU014-026	Beryllium	5.91E-01	mg/kg	Avg	6.84E-01	value
14	1	SOU014-026	Chromium	4.73E+01	mg/kg	Grid Value	6.56E+01	value
14	1	SOU014-026	Iron	4.26E+04	mg/kg	Grid Value	4.24E+04	value
14	1	SOU014-026	Manganese	1.23E+03	mg/kg	Grid Value	8.41E+02	value
14	1	SOU014-026	Nickel	1.29E+03	mg/kg	Grid Value	7.40E+02	value
14	1	SOU014-026	PCB, Total	5.00E+00	mg/kg	Grid Value	5.00E-01	value
14	1	SOU014-026	Silver	1.00E+01	mg/kg	Grid Value	1.67E+01	value
14	1	SOU014-026	Uranium	3.52E+02	mg/kg	Grid Value	2.56E+02	value
14	1	SOU014-026	Vanadium	2.50E+01	mg/kg	Avg	2.99E+01	value
14	1	SOU014-026	Americium-241	5.49E-01	pCi/g	Avg	1.06E+00	value
14	1	SOU014-026	Cobalt-60	2.42E-02	pCi/g	Avg	2.42E-02	value
14	1	SOU014-026	Neptunium-237	1.86E-01	pCi/g	Avg	2.64E-01	value
14	1	SOU014-026	Technetium-99	1.38E+02	pCi/g	Avg	4.06E+02	value
14	1	SOU014-026	Uranium-235	1.20E-01	pCi/g	Avg	1.99E-01	value
14	1	SOU014-026	Uranium-238	3.65E+00	pCi/g	Avg	6.24E+00	value
14	2	SOU014-005	Aluminum	9.15E+03	mg/kg	Avg	1.00E+04	value
14	2	SOU014-005	Antimony	3.45E+00	mg/kg	Avg	3.51E+00	value
14	2	SOU014-005	Arsenic	6.38E+00	mg/kg	Grid Value	1.47E+01	value
14	2	SOU014-005	Beryllium	6.65E-01	mg/kg	Avg	6.75E-01	value
14	2	SOU014-005	Cadmium	1.57E+00	mg/kg	Avg	1.75E+00	value
14	2	SOU014-005	Chromium	4.90E+01	mg/kg	Grid Value	7.24E+01	value
14	2	SOU014-005	Copper	4.37E+01	mg/kg	Grid Value	1.92E+02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
14	2	SOU014-005	Iron	2.70E+04	mg/kg	Grid Value	4.38E+04	value
14	2	SOU014-005	Manganese	5.16E+02	mg/kg	Grid Value	1.51E+03	value
14	2	SOU014-005	Mercury	1.00E+01	mg/kg	Grid Value	8.88E+00	value
14	2	SOU014-005	Nickel	2.61E+02	mg/kg	Grid Value	8.41E+02	value
14	2	SOU014-005	PCB, Total	5.00E+00	mg/kg	Grid Value	5.00E+00	value
14	2	SOU014-005	Selenium	2.00E+01	mg/kg	Grid Value	2.74E+01	value
14	2	SOU014-005	Silver	1.00E+01	mg/kg	Grid Value	9.58E+00	value
14	2	SOU014-005	Total PAH	2.01E-01	mg/kg	Avg	2.31E-01	value
14	2	SOU014-005	Uranium	9.20E+01	mg/kg	Grid Value	3.64E+02	value
14	2	SOU014-005	Neptunium-237	1.53E+00	pCi/g	Avg	1.70E+00	value
14	2	SOU014-005	Thorium-230	7.39E+00	pCi/g	Avg	7.70E+00	value
14	2	SOU014-005	Uranium-234	4.53E+01	pCi/g	Avg	4.81E+01	value
14	2	SOU014-005	Uranium-235	3.16E+00	pCi/g	Avg	3.41E+00	value
14	2	SOU014-005	Uranium-238	8.36E+01	pCi/g	Avg	8.96E+01	value
14	2	SOU014-006	Aluminum	9.15E+03	mg/kg	Avg	1.00E+04	value
14	2	SOU014-006	Antimony	3.45E+00	mg/kg	Avg	3.51E+00	value
14	2	SOU014-006	Arsenic	1.16E+01	mg/kg	Grid Value	1.47E+01	value
14	2	SOU014-006	Beryllium	6.65E-01	mg/kg	Avg	6.75E-01	value
14	2	SOU014-006	Cadmium	1.57E+00	mg/kg	Avg	1.75E+00	value
14	2	SOU014-006	Chromium	9.89E+01	mg/kg	Grid Value	7.24E+01	value
14	2	SOU014-006	Copper	1.45E+02	mg/kg	Grid Value	1.92E+02	value
14	2	SOU014-006	Iron	2.96E+04	mg/kg	Grid Value	4.38E+04	value
14	2	SOU014-006	Manganese	4.81E+02	mg/kg	Grid Value	1.51E+03	value
14	2	SOU014-006	Mercury	1.00E+01	mg/kg	Grid Value	8.88E+00	value
14	2	SOU014-006	Nickel	1.38E+03	mg/kg	Grid Value	8.41E+02	value
14	2	SOU014-006	PCB, Total	5.00E+00	mg/kg	Grid Value	5.00E+00	value
14	2	SOU014-006	Selenium	2.00E+01	mg/kg	Grid Value	2.74E+01	value
14	2	SOU014-006	Silver	1.00E+01	mg/kg	Grid Value	9.58E+00	value
14	2	SOU014-006	Total PAH	2.01E-01	mg/kg	Avg	2.31E-01	value
14	2	SOU014-006	Uranium	5.87E+01	mg/kg	Grid Value	3.64E+02	value
14	2	SOU014-006	Neptunium-237	1.53E+00	pCi/g	Avg	1.70E+00	value
14	2	SOU014-006	Thorium-230	7.39E+00	pCi/g	Avg	7.70E+00	value
14	2	SOU014-006	Uranium-234	4.53E+01	pCi/g	Avg	4.81E+01	value
14	2	SOU014-006	Uranium-235	3.16E+00	pCi/g	Avg	3.41E+00	value
14	2	SOU014-006	Uranium-238	8.36E+01	pCi/g	Avg	8.96E+01	value
14	2	SOU014-007	Aluminum	9.15E+03	mg/kg	Avg	1.00E+04	value
14	2	SOU014-007	Antimony	3.45E+00	mg/kg	Avg	3.51E+00	value
14	2	SOU014-007	Arsenic	8.24E+00	mg/kg	Grid Value	1.47E+01	value
14	2	SOU014-007	Beryllium	6.65E-01	mg/kg	Avg	6.75E-01	value
14	2	SOU014-007	Cadmium	1.57E+00	mg/kg	Avg	1.75E+00	value
14	2	SOU014-007	Chromium	6.65E+01	mg/kg	Grid Value	7.24E+01	value
14	2	SOU014-007	Copper	2.58E+02	mg/kg	Grid Value	1.92E+02	value
14	2	SOU014-007	Iron	3.80E+04	mg/kg	Grid Value	4.38E+04	value
14	2	SOU014-007	Manganese	1.03E+03	mg/kg	Grid Value	1.51E+03	value
14	2	SOU014-007	Mercury	1.00E+01	mg/kg	Grid Value	8.88E+00	value
14	2	SOU014-007	Nickel	3.79E+02	mg/kg	Grid Value	8.41E+02	value
14	2	SOU014-007	PCB, Total	5.00E+00	mg/kg	Grid Value	5.00E+00	value
14	2	SOU014-007	Selenium	2.00E+01	mg/kg	Grid Value	2.74E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
14	2	SOU014-007	Silver	1.00E+01	mg/kg	Grid Value	9.58E+00	value
14	2	SOU014-007	Total PAH	2.01E-01	mg/kg	Avg	2.31E-01	value
14	2	SOU014-007	Uranium	1.11E+02	mg/kg	Grid Value	3.64E+02	value
14	2	SOU014-007	Neptunium-237	1.53E+00	pCi/g	Avg	1.70E+00	value
14	2	SOU014-007	Thorium-230	7.39E+00	pCi/g	Avg	7.70E+00	value
14	2	SOU014-007	Uranium-234	4.53E+01	pCi/g	Avg	4.81E+01	value
14	2	SOU014-007	Uranium-235	3.16E+00	pCi/g	Avg	3.41E+00	value
14	2	SOU014-007	Uranium-238	8.36E+01	pCi/g	Avg	8.96E+01	value
14	2	SOU014-016	Aluminum	9.15E+03	mg/kg	Avg	1.00E+04	value
14	2	SOU014-016	Antimony	3.45E+00	mg/kg	Avg	3.51E+00	value
14	2	SOU014-016	Arsenic	8.28E+00	mg/kg	Grid Value	1.47E+01	value
14	2	SOU014-016	Beryllium	6.65E-01	mg/kg	Avg	6.75E-01	value
14	2	SOU014-016	Cadmium	1.57E+00	mg/kg	Avg	1.75E+00	value
14	2	SOU014-016	Chromium	3.69E+01	mg/kg	Grid Value	7.24E+01	value
14	2	SOU014-016	Copper	2.43E+01	mg/kg	Grid Value	1.92E+02	value
14	2	SOU014-016	Iron	3.16E+04	mg/kg	Grid Value	4.38E+04	value
14	2	SOU014-016	Manganese	2.50E+02	mg/kg	Grid Value	1.51E+03	value
14	2	SOU014-016	Mercury	1.00E+01	mg/kg	Grid Value	8.88E+00	value
14	2	SOU014-016	Nickel	2.74E+02	mg/kg	Grid Value	8.41E+02	value
14	2	SOU014-016	PCB, Total	5.00E+00	mg/kg	Grid Value	5.00E+00	value
14	2	SOU014-016	Selenium	2.00E+01	mg/kg	Grid Value	2.74E+01	value
14	2	SOU014-016	Silver	1.00E+01	mg/kg	Grid Value	9.58E+00	value
14	2	SOU014-016	Total PAH	2.01E-01	mg/kg	Avg	2.31E-01	value
14	2	SOU014-016	Uranium	2.15E+01	mg/kg	Grid Value	3.64E+02	value
14	2	SOU014-016	Neptunium-237	1.53E+00	pCi/g	Avg	1.70E+00	value
14	2	SOU014-016	Thorium-230	7.39E+00	pCi/g	Avg	7.70E+00	value
14	2	SOU014-016	Uranium-234	4.53E+01	pCi/g	Avg	4.81E+01	value
14	2	SOU014-016	Uranium-235	3.16E+00	pCi/g	Avg	3.41E+00	value
14	2	SOU014-016	Uranium-238	8.36E+01	pCi/g	Avg	8.96E+01	value
14	2	SOU014-017	Aluminum	5.19E+03	mg/kg	Grid Value	1.00E+04	value
14	2	SOU014-017	Antimony	3.70E+00	mg/kg	Grid Value	3.51E+00	value
14	2	SOU014-017	Arsenic	1.62E+01	mg/kg	Grid Value	1.47E+01	value
14	2	SOU014-017	Beryllium	7.10E-01	mg/kg	Grid Value	6.75E-01	value
14	2	SOU014-017	Cadmium	7.30E-01	mg/kg	Grid Value	1.75E+00	value
14	2	SOU014-017	Chromium	6.61E+01	mg/kg	Grid Value	7.24E+01	value
14	2	SOU014-017	Copper	1.82E+02	mg/kg	Grid Value	1.92E+02	value
14	2	SOU014-017	Iron	6.13E+04	mg/kg	Grid Value	4.38E+04	value
14	2	SOU014-017	Manganese	1.17E+03	mg/kg	Grid Value	1.51E+03	value
14	2	SOU014-017	Mercury	2.67E-01	mg/kg	Grid Value	8.88E+00	value
14	2	SOU014-017	Nickel	8.76E+02	mg/kg	Grid Value	8.41E+02	value
14	2	SOU014-017	PCB, Total	3.90E-01	mg/kg	Grid Value	5.00E+00	value
14	2	SOU014-017	Selenium	3.07E+01	mg/kg	Grid Value	2.74E+01	value
14	2	SOU014-017	Silver	7.20E-01	mg/kg	Grid Value	9.58E+00	value
14	2	SOU014-017	Total PAH	3.38E-01	mg/kg	Grid Value	2.31E-01	value
14	2	SOU014-017	Uranium	3.99E+02	mg/kg	Grid Value	3.64E+02	value
14	2	SOU014-017	Neptunium-237	7.70E-01	pCi/g	Grid Value	1.70E+00	value
14	2	SOU014-017	Thorium-230	5.98E+00	pCi/g	Grid Value	7.70E+00	value
14	2	SOU014-017	Uranium-234	3.24E+01	pCi/g	Grid Value	4.81E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
14	2	SOU014-017	Uranium-235	2.00E+00	pCi/g	Grid Value	3.41E+00	value
14	2	SOU014-017	Uranium-238	5.61E+01	pCi/g	Grid Value	8.96E+01	value
14	2	SOU014-018	Aluminum	9.15E+03	mg/kg	Avg	1.00E+04	value
14	2	SOU014-018	Antimony	3.45E+00	mg/kg	Avg	3.51E+00	value
14	2	SOU014-018	Arsenic	7.56E+00	mg/kg	Grid Value	1.47E+01	value
14	2	SOU014-018	Beryllium	6.65E-01	mg/kg	Avg	6.75E-01	value
14	2	SOU014-018	Cadmium	1.57E+00	mg/kg	Avg	1.75E+00	value
14	2	SOU014-018	Chromium	8.50E+01	mg/kg	Grid Value	7.24E+01	value
14	2	SOU014-018	Copper	2.75E+01	mg/kg	Grid Value	1.92E+02	value
14	2	SOU014-018	Iron	2.28E+04	mg/kg	Grid Value	4.38E+04	value
14	2	SOU014-018	Manganese	4.31E+02	mg/kg	Grid Value	1.51E+03	value
14	2	SOU014-018	Mercury	1.00E+01	mg/kg	Grid Value	8.88E+00	value
14	2	SOU014-018	Nickel	3.15E+02	mg/kg	Grid Value	8.41E+02	value
14	2	SOU014-018	PCB, Total	5.00E+00	mg/kg	Grid Value	5.00E+00	value
14	2	SOU014-018	Selenium	2.00E+01	mg/kg	Grid Value	2.74E+01	value
14	2	SOU014-018	Silver	1.00E+01	mg/kg	Grid Value	9.58E+00	value
14	2	SOU014-018	Total PAH	2.01E-01	mg/kg	Avg	2.31E-01	value
14	2	SOU014-018	Uranium	9.44E+01	mg/kg	Grid Value	3.64E+02	value
14	2	SOU014-018	Neptunium-237	1.53E+00	pCi/g	Avg	1.70E+00	value
14	2	SOU014-018	Thorium-230	7.39E+00	pCi/g	Avg	7.70E+00	value
14	2	SOU014-018	Uranium-234	4.53E+01	pCi/g	Avg	4.81E+01	value
14	2	SOU014-018	Uranium-235	3.16E+00	pCi/g	Avg	3.41E+00	value
14	2	SOU014-018	Uranium-238	8.36E+01	pCi/g	Avg	8.96E+01	value
14	2	SOU014-027	Aluminum	1.31E+04	mg/kg	Grid Value	1.00E+04	value
14	2	SOU014-027	Antimony	3.20E+00	mg/kg	Grid Value	3.51E+00	value
14	2	SOU014-027	Arsenic	1.04E+01	mg/kg	Grid Value	1.47E+01	value
14	2	SOU014-027	Beryllium	6.20E-01	mg/kg	Grid Value	6.75E-01	value
14	2	SOU014-027	Cadmium	2.40E+00	mg/kg	Grid Value	1.75E+00	value
14	2	SOU014-027	Chromium	3.87E+01	mg/kg	Grid Value	7.24E+01	value
14	2	SOU014-027	Copper	1.60E+02	mg/kg	Grid Value	1.92E+02	value
14	2	SOU014-027	Iron	4.18E+04	mg/kg	Grid Value	4.38E+04	value
14	2	SOU014-027	Manganese	1.54E+03	mg/kg	Grid Value	1.51E+03	value
14	2	SOU014-027	Mercury	4.47E-01	mg/kg	Grid Value	8.88E+00	value
14	2	SOU014-027	Nickel	3.82E+02	mg/kg	Grid Value	8.41E+02	value
14	2	SOU014-027	PCB, Total	4.70E+00	mg/kg	Grid Value	5.00E+00	value
14	2	SOU014-027	Selenium	1.50E+00	mg/kg	Grid Value	2.74E+01	value
14	2	SOU014-027	Silver	1.20E+00	mg/kg	Grid Value	9.58E+00	value
14	2	SOU014-027	Total PAH	6.39E-02	mg/kg	Grid Value	2.31E-01	value
14	2	SOU014-027	Uranium	3.82E+02	mg/kg	Grid Value	3.64E+02	value
14	2	SOU014-027	Neptunium-237	2.29E+00	pCi/g	Grid Value	1.70E+00	value
14	2	SOU014-027	Thorium-230	8.80E+00	pCi/g	Grid Value	7.70E+00	value
14	2	SOU014-027	Uranium-234	5.81E+01	pCi/g	Grid Value	4.81E+01	value
14	2	SOU014-027	Uranium-235	4.31E+00	pCi/g	Grid Value	3.41E+00	value
14	2	SOU014-027	Uranium-238	1.11E+02	pCi/g	Grid Value	8.96E+01	value
14	2	SOU014-028	Aluminum	9.15E+03	mg/kg	Avg	1.00E+04	value
14	2	SOU014-028	Antimony	3.45E+00	mg/kg	Avg	3.51E+00	value
14	2	SOU014-028	Arsenic	6.97E+00	mg/kg	Grid Value	1.47E+01	value
14	2	SOU014-028	Beryllium	6.65E-01	mg/kg	Avg	6.75E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
14	2	SOU014-028	Cadmium	1.57E+00	mg/kg	Avg	1.75E+00	value
14	2	SOU014-028	Chromium	5.42E+01	mg/kg	Grid Value	7.24E+01	value
14	2	SOU014-028	Copper	1.16E+02	mg/kg	Grid Value	1.92E+02	value
14	2	SOU014-028	Iron	2.95E+04	mg/kg	Grid Value	4.38E+04	value
14	2	SOU014-028	Manganese	6.74E+02	mg/kg	Grid Value	1.51E+03	value
14	2	SOU014-028	Mercury	1.00E+01	mg/kg	Grid Value	8.88E+00	value
14	2	SOU014-028	Nickel	4.33E+02	mg/kg	Grid Value	8.41E+02	value
14	2	SOU014-028	PCB, Total	5.00E+00	mg/kg	Grid Value	5.00E+00	value
14	2	SOU014-028	Selenium	2.00E+01	mg/kg	Grid Value	2.74E+01	value
14	2	SOU014-028	Silver	1.00E+01	mg/kg	Grid Value	9.58E+00	value
14	2	SOU014-028	Total PAH	2.01E-01	mg/kg	Avg	2.31E-01	value
14	2	SOU014-028	Uranium	2.61E+02	mg/kg	Grid Value	3.64E+02	value
14	2	SOU014-028	Neptunium-237	1.53E+00	pCi/g	Avg	1.70E+00	value
14	2	SOU014-028	Thorium-230	7.39E+00	pCi/g	Avg	7.70E+00	value
14	2	SOU014-028	Uranium-234	4.53E+01	pCi/g	Avg	4.81E+01	value
14	2	SOU014-028	Uranium-235	3.16E+00	pCi/g	Avg	3.41E+00	value
14	2	SOU014-028	Uranium-238	8.36E+01	pCi/g	Avg	8.96E+01	value
14	2	SOU014-029	Aluminum	9.15E+03	mg/kg	Avg	1.00E+04	value
14	2	SOU014-029	Antimony	3.45E+00	mg/kg	Avg	3.51E+00	value
14	2	SOU014-029	Arsenic	1.19E+01	mg/kg	Grid Value	1.47E+01	value
14	2	SOU014-029	Beryllium	6.65E-01	mg/kg	Avg	6.75E-01	value
14	2	SOU014-029	Cadmium	1.57E+00	mg/kg	Avg	1.75E+00	value
14	2	SOU014-029	Chromium	3.80E+01	mg/kg	Grid Value	7.24E+01	value
14	2	SOU014-029	Copper	1.58E+02	mg/kg	Grid Value	1.92E+02	value
14	2	SOU014-029	Iron	4.77E+04	mg/kg	Grid Value	4.38E+04	value
14	2	SOU014-029	Manganese	1.35E+03	mg/kg	Grid Value	1.51E+03	value
14	2	SOU014-029	Mercury	1.00E+01	mg/kg	Grid Value	8.88E+00	value
14	2	SOU014-029	Nickel	9.70E+02	mg/kg	Grid Value	8.41E+02	value
14	2	SOU014-029	PCB, Total	5.00E+00	mg/kg	Grid Value	5.00E+00	value
14	2	SOU014-029	Selenium	2.00E+01	mg/kg	Grid Value	2.74E+01	value
14	2	SOU014-029	Silver	1.00E+01	mg/kg	Grid Value	9.58E+00	value
14	2	SOU014-029	Total PAH	2.01E-01	mg/kg	Avg	2.31E-01	value
14	2	SOU014-029	Uranium	4.80E+02	mg/kg	Grid Value	3.64E+02	value
14	2	SOU014-029	Neptunium-237	1.53E+00	pCi/g	Avg	1.70E+00	value
14	2	SOU014-029	Thorium-230	7.39E+00	pCi/g	Avg	7.70E+00	value
14	2	SOU014-029	Uranium-234	4.53E+01	pCi/g	Avg	4.81E+01	value
14	2	SOU014-029	Uranium-235	3.16E+00	pCi/g	Avg	3.41E+00	value
14	2	SOU014-029	Uranium-238	8.36E+01	pCi/g	Avg	8.96E+01	value
14	2	SOU014-038	Aluminum	9.15E+03	mg/kg	Avg	1.00E+04	value
14	2	SOU014-038	Antimony	3.45E+00	mg/kg	Avg	3.51E+00	value
14	2	SOU014-038	Arsenic	7.26E+00	mg/kg	Grid Value	1.47E+01	value
14	2	SOU014-038	Beryllium	6.65E-01	mg/kg	Avg	6.75E-01	value
14	2	SOU014-038	Cadmium	1.57E+00	mg/kg	Avg	1.75E+00	value
14	2	SOU014-038	Chromium	8.50E+01	mg/kg	Grid Value	7.24E+01	value
14	2	SOU014-038	Copper	2.38E+02	mg/kg	Grid Value	1.92E+02	value
14	2	SOU014-038	Iron	3.53E+04	mg/kg	Grid Value	4.38E+04	value
14	2	SOU014-038	Manganese	8.32E+02	mg/kg	Grid Value	1.51E+03	value
14	2	SOU014-038	Mercury	1.00E+01	mg/kg	Grid Value	8.88E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
14	2	SOU014-038	Nickel	3.13E+02	mg/kg	Grid Value	8.41E+02	value
14	2	SOU014-038	PCB, Total	5.00E+00	mg/kg	Grid Value	5.00E+00	value
14	2	SOU014-038	Selenium	2.00E+01	mg/kg	Grid Value	2.74E+01	value
14	2	SOU014-038	Silver	1.00E+01	mg/kg	Grid Value	9.58E+00	value
14	2	SOU014-038	Total PAH	2.01E-01	mg/kg	Avg	2.31E-01	value
14	2	SOU014-038	Uranium	3.72E+02	mg/kg	Grid Value	3.64E+02	value
14	2	SOU014-038	Neptunium-237	1.53E+00	pCi/g	Avg	1.70E+00	value
14	2	SOU014-038	Thorium-230	7.39E+00	pCi/g	Avg	7.70E+00	value
14	2	SOU014-038	Uranium-234	4.53E+01	pCi/g	Avg	4.81E+01	value
14	2	SOU014-038	Uranium-235	3.16E+00	pCi/g	Avg	3.41E+00	value
14	2	SOU014-038	Uranium-238	8.36E+01	pCi/g	Avg	8.96E+01	value
14	2	SOU014-039	Aluminum	9.15E+03	mg/kg	Avg	1.00E+04	value
14	2	SOU014-039	Antimony	3.45E+00	mg/kg	Avg	3.51E+00	value
14	2	SOU014-039	Arsenic	1.72E+01	mg/kg	Grid Value	1.47E+01	value
14	2	SOU014-039	Beryllium	6.65E-01	mg/kg	Avg	6.75E-01	value
14	2	SOU014-039	Cadmium	1.57E+00	mg/kg	Avg	1.75E+00	value
14	2	SOU014-039	Chromium	7.53E+01	mg/kg	Grid Value	7.24E+01	value
14	2	SOU014-039	Copper	1.97E+02	mg/kg	Grid Value	1.92E+02	value
14	2	SOU014-039	Iron	3.74E+04	mg/kg	Grid Value	4.38E+04	value
14	2	SOU014-039	Manganese	2.38E+03	mg/kg	Grid Value	1.51E+03	value
14	2	SOU014-039	Mercury	8.88E+00	mg/kg	Grid Value	8.88E+00	value
14	2	SOU014-039	Nickel	8.78E+02	mg/kg	Grid Value	8.41E+02	value
14	2	SOU014-039	PCB, Total	5.00E+00	mg/kg	Grid Value	5.00E+00	value
14	2	SOU014-039	Selenium	2.00E+01	mg/kg	Grid Value	2.74E+01	value
14	2	SOU014-039	Silver	9.58E+00	mg/kg	Grid Value	9.58E+00	value
14	2	SOU014-039	Total PAH	2.01E-01	mg/kg	Avg	2.31E-01	value
14	2	SOU014-039	Uranium	4.36E+02	mg/kg	Grid Value	3.64E+02	value
14	2	SOU014-039	Neptunium-237	1.53E+00	pCi/g	Avg	1.70E+00	value
14	2	SOU014-039	Thorium-230	7.39E+00	pCi/g	Avg	7.70E+00	value
14	2	SOU014-039	Uranium-234	4.53E+01	pCi/g	Avg	4.81E+01	value
14	2	SOU014-039	Uranium-235	3.16E+00	pCi/g	Avg	3.41E+00	value
14	2	SOU014-039	Uranium-238	8.36E+01	pCi/g	Avg	8.96E+01	value
14	2	SOU014-040	Aluminum	9.15E+03	mg/kg	Avg	1.00E+04	value
14	2	SOU014-040	Antimony	3.45E+00	mg/kg	Avg	3.51E+00	value
14	2	SOU014-040	Arsenic	2.58E+01	mg/kg	Grid Value	1.47E+01	value
14	2	SOU014-040	Beryllium	6.65E-01	mg/kg	Avg	6.75E-01	value
14	2	SOU014-040	Cadmium	1.57E+00	mg/kg	Avg	1.75E+00	value
14	2	SOU014-040	Chromium	4.17E+01	mg/kg	Grid Value	7.24E+01	value
14	2	SOU014-040	Copper	2.43E+02	mg/kg	Grid Value	1.92E+02	value
14	2	SOU014-040	Iron	5.27E+04	mg/kg	Grid Value	4.38E+04	value
14	2	SOU014-040	Manganese	2.67E+03	mg/kg	Grid Value	1.51E+03	value
14	2	SOU014-040	Mercury	1.00E+01	mg/kg	Grid Value	8.88E+00	value
14	2	SOU014-040	Nickel	8.23E+02	mg/kg	Grid Value	8.41E+02	value
14	2	SOU014-040	PCB, Total	5.00E+00	mg/kg	Grid Value	5.00E+00	value
14	2	SOU014-040	Selenium	2.00E+01	mg/kg	Grid Value	2.74E+01	value
14	2	SOU014-040	Silver	1.00E+01	mg/kg	Grid Value	9.58E+00	value
14	2	SOU014-040	Total PAH	2.01E-01	mg/kg	Avg	2.31E-01	value
14	2	SOU014-040	Uranium	5.24E+02	mg/kg	Grid Value	3.64E+02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
14	2	SOU014-040	Neptunium-237	1.53E+00	pCi/g	Avg	1.70E+00	value
14	2	SOU014-040	Thorium-230	7.39E+00	pCi/g	Avg	7.70E+00	value
14	2	SOU014-040	Uranium-234	4.53E+01	pCi/g	Avg	4.81E+01	value
14	2	SOU014-040	Uranium-235	3.16E+00	pCi/g	Avg	3.41E+00	value
14	2	SOU014-040	Uranium-238	8.36E+01	pCi/g	Avg	8.96E+01	value
14	3	SOU014-008	Arsenic	1.60E+01	mg/kg	Grid Value	1.91E+01	value
14	3	SOU014-008	Beryllium	1.81E+00	mg/kg	Avg	2.07E+00	value
14	3	SOU014-008	Chromium	6.09E+01	mg/kg	Grid Value	7.01E+01	value
14	3	SOU014-008	Cobalt	1.54E+01	mg/kg	Avg	1.63E+01	value
14	3	SOU014-008	Copper	1.48E+02	mg/kg	Grid Value	1.30E+02	value
14	3	SOU014-008	Iron	3.90E+04	mg/kg	Grid Value	4.64E+04	value
14	3	SOU014-008	Manganese	1.44E+03	mg/kg	Grid Value	1.24E+03	value
14	3	SOU014-008	Mercury	1.00E+01	mg/kg	Grid Value	7.48E+00	value
14	3	SOU014-008	Molybdenum	1.50E+01	mg/kg	Grid Value	2.23E+01	value
14	3	SOU014-008	Nickel	3.74E+02	mg/kg	Grid Value	6.64E+02	value
14	3	SOU014-008	PCB, Total	5.00E+00	mg/kg	Grid Value	8.75E+00	value
14	3	SOU014-008	Silver	1.00E+01	mg/kg	Grid Value	1.34E+01	value
14	3	SOU014-008	Uranium	3.72E+01	mg/kg	Grid Value	2.19E+02	value
14	3	SOU014-008	Vanadium	5.51E+01	mg/kg	Avg	6.19E+01	value
14	3	SOU014-008	Neptunium-237	1.09E-01	pCi/g	Avg	1.61E-01	value
14	3	SOU014-008	Uranium-234	3.81E+00	pCi/g	Avg	4.43E+00	value
14	3	SOU014-008	Uranium-235	2.11E-01	pCi/g	Avg	2.46E-01	value
14	3	SOU014-008	Uranium-238	7.55E+00	pCi/g	Avg	1.08E+01	value
14	3	SOU014-009	Arsenic	1.10E+01	mg/kg	Grid Value	1.91E+01	value
14	3	SOU014-009	Beryllium	1.81E+00	mg/kg	Avg	2.07E+00	value
14	3	SOU014-009	Chromium	7.01E+01	mg/kg	Grid Value	7.01E+01	value
14	3	SOU014-009	Cobalt	1.54E+01	mg/kg	Avg	1.63E+01	value
14	3	SOU014-009	Copper	1.42E+02	mg/kg	Grid Value	1.30E+02	value
14	3	SOU014-009	Iron	3.37E+04	mg/kg	Grid Value	4.64E+04	value
14	3	SOU014-009	Manganese	1.07E+03	mg/kg	Grid Value	1.24E+03	value
14	3	SOU014-009	Mercury	1.00E+01	mg/kg	Grid Value	7.48E+00	value
14	3	SOU014-009	Molybdenum	2.87E+01	mg/kg	Grid Value	2.23E+01	value
14	3	SOU014-009	Nickel	5.32E+02	mg/kg	Grid Value	6.64E+02	value
14	3	SOU014-009	PCB, Total	5.00E+00	mg/kg	Grid Value	8.75E+00	value
14	3	SOU014-009	Silver	1.00E+01	mg/kg	Grid Value	1.34E+01	value
14	3	SOU014-009	Uranium	4.28E+01	mg/kg	Grid Value	2.19E+02	value
14	3	SOU014-009	Vanadium	5.51E+01	mg/kg	Avg	6.19E+01	value
14	3	SOU014-009	Neptunium-237	1.09E-01	pCi/g	Avg	1.61E-01	value
14	3	SOU014-009	Uranium-234	3.81E+00	pCi/g	Avg	4.43E+00	value
14	3	SOU014-009	Uranium-235	2.11E-01	pCi/g	Avg	2.46E-01	value
14	3	SOU014-009	Uranium-238	7.55E+00	pCi/g	Avg	1.08E+01	value
14	3	SOU014-010	Arsenic	1.28E+01	mg/kg	Grid Value	1.91E+01	value
14	3	SOU014-010	Beryllium	1.81E+00	mg/kg	Avg	2.07E+00	value
14	3	SOU014-010	Chromium	8.50E+01	mg/kg	Grid Value	7.01E+01	value
14	3	SOU014-010	Cobalt	1.54E+01	mg/kg	Avg	1.63E+01	value
14	3	SOU014-010	Copper	8.17E+01	mg/kg	Grid Value	1.30E+02	value
14	3	SOU014-010	Iron	2.35E+04	mg/kg	Grid Value	4.64E+04	value
14	3	SOU014-010	Manganese	6.63E+02	mg/kg	Grid Value	1.24E+03	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
14	3	SOU014-010	Mercury	1.00E+01	mg/kg	Grid Value	7.48E+00	value
14	3	SOU014-010	Molybdenum	1.50E+01	mg/kg	Grid Value	2.23E+01	value
14	3	SOU014-010	Nickel	2.18E+02	mg/kg	Grid Value	6.64E+02	value
14	3	SOU014-010	PCB, Total	5.00E+00	mg/kg	Grid Value	8.75E+00	value
14	3	SOU014-010	Silver	1.00E+01	mg/kg	Grid Value	1.34E+01	value
14	3	SOU014-010	Uranium	3.08E+01	mg/kg	Grid Value	2.19E+02	value
14	3	SOU014-010	Vanadium	5.51E+01	mg/kg	Avg	6.19E+01	value
14	3	SOU014-010	Neptunium-237	1.09E-01	pCi/g	Avg	1.61E-01	value
14	3	SOU014-010	Uranium-234	3.81E+00	pCi/g	Avg	4.43E+00	value
14	3	SOU014-010	Uranium-235	2.11E-01	pCi/g	Avg	2.46E-01	value
14	3	SOU014-010	Uranium-238	7.55E+00	pCi/g	Avg	1.08E+01	value
14	3	SOU014-011	Arsenic	7.10E+00	mg/kg	Grid Value	1.91E+01	value
14	3	SOU014-011	Beryllium	1.81E+00	mg/kg	Avg	2.07E+00	value
14	3	SOU014-011	Chromium	4.69E+01	mg/kg	Grid Value	7.01E+01	value
14	3	SOU014-011	Cobalt	1.54E+01	mg/kg	Avg	1.63E+01	value
14	3	SOU014-011	Copper	8.91E+01	mg/kg	Grid Value	1.30E+02	value
14	3	SOU014-011	Iron	2.58E+04	mg/kg	Grid Value	4.64E+04	value
14	3	SOU014-011	Manganese	7.27E+02	mg/kg	Grid Value	1.24E+03	value
14	3	SOU014-011	Mercury	1.00E+01	mg/kg	Grid Value	7.48E+00	value
14	3	SOU014-011	Molybdenum	1.50E+01	mg/kg	Grid Value	2.23E+01	value
14	3	SOU014-011	Nickel	1.85E+02	mg/kg	Grid Value	6.64E+02	value
14	3	SOU014-011	PCB, Total	5.00E+00	mg/kg	Grid Value	8.75E+00	value
14	3	SOU014-011	Silver	1.00E+01	mg/kg	Grid Value	1.34E+01	value
14	3	SOU014-011	Uranium	2.34E+01	mg/kg	Grid Value	2.19E+02	value
14	3	SOU014-011	Vanadium	5.51E+01	mg/kg	Avg	6.19E+01	value
14	3	SOU014-011	Neptunium-237	1.09E-01	pCi/g	Avg	1.61E-01	value
14	3	SOU014-011	Uranium-234	3.81E+00	pCi/g	Avg	4.43E+00	value
14	3	SOU014-011	Uranium-235	2.11E-01	pCi/g	Avg	2.46E-01	value
14	3	SOU014-011	Uranium-238	7.55E+00	pCi/g	Avg	1.08E+01	value
14	3	SOU014-019	Arsenic	4.48E+01	mg/kg	Grid Value	1.91E+01	value
14	3	SOU014-019	Beryllium	3.00E+00	mg/kg	Grid Value	2.07E+00	value
14	3	SOU014-019	Chromium	3.16E+01	mg/kg	Grid Value	7.01E+01	value
14	3	SOU014-019	Cobalt	1.93E+01	mg/kg	Grid Value	1.63E+01	value
14	3	SOU014-019	Copper	2.33E+01	mg/kg	Grid Value	1.30E+02	value
14	3	SOU014-019	Iron	9.27E+04	mg/kg	Grid Value	4.64E+04	value
14	3	SOU014-019	Manganese	7.95E+02	mg/kg	Grid Value	1.24E+03	value
14	3	SOU014-019	Mercury	5.48E-02	mg/kg	Grid Value	7.48E+00	value
14	3	SOU014-019	Molybdenum	3.30E+00	mg/kg	Grid Value	2.23E+01	value
14	3	SOU014-019	Nickel	7.62E+01	mg/kg	Grid Value	6.64E+02	value
14	3	SOU014-019	PCB, Total	3.50E-01	mg/kg	Grid Value	8.75E+00	value
14	3	SOU014-019	Silver	4.00E-02	mg/kg	Grid Value	1.34E+01	value
14	3	SOU014-019	Uranium	4.06E+01	mg/kg	Grid Value	2.19E+02	value
14	3	SOU014-019	Vanadium	8.62E+01	mg/kg	Grid Value	6.19E+01	value
14	3	SOU014-019	Neptunium-237	2.05E-01	pCi/g	Grid Value	1.61E-01	value
14	3	SOU014-019	Uranium-234	6.61E+00	pCi/g	Grid Value	4.43E+00	value
14	3	SOU014-019	Uranium-235	3.70E-01	pCi/g	Grid Value	2.46E-01	value
14	3	SOU014-019	Uranium-238	1.36E+01	pCi/g	Grid Value	1.08E+01	value
14	3	SOU014-020	Arsenic	9.72E+00	mg/kg	Grid Value	1.91E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
14	3	SOU014-020	Beryllium	1.81E+00	mg/kg	Avg	2.07E+00	value
14	3	SOU014-020	Chromium	8.50E+01	mg/kg	Grid Value	7.01E+01	value
14	3	SOU014-020	Cobalt	1.54E+01	mg/kg	Avg	1.63E+01	value
14	3	SOU014-020	Copper	3.50E+01	mg/kg	Grid Value	1.30E+02	value
14	3	SOU014-020	Iron	2.58E+04	mg/kg	Grid Value	4.64E+04	value
14	3	SOU014-020	Manganese	3.83E+02	mg/kg	Grid Value	1.24E+03	value
14	3	SOU014-020	Mercury	1.00E+01	mg/kg	Grid Value	7.48E+00	value
14	3	SOU014-020	Molybdenum	1.50E+01	mg/kg	Grid Value	2.23E+01	value
14	3	SOU014-020	Nickel	6.46E+01	mg/kg	Grid Value	6.64E+02	value
14	3	SOU014-020	PCB, Total	5.00E+00	mg/kg	Grid Value	8.75E+00	value
14	3	SOU014-020	Silver	1.00E+01	mg/kg	Grid Value	1.34E+01	value
14	3	SOU014-020	Uranium	2.63E+01	mg/kg	Grid Value	2.19E+02	value
14	3	SOU014-020	Vanadium	5.51E+01	mg/kg	Avg	6.19E+01	value
14	3	SOU014-020	Neptunium-237	1.09E-01	pCi/g	Avg	1.61E-01	value
14	3	SOU014-020	Uranium-234	3.81E+00	pCi/g	Avg	4.43E+00	value
14	3	SOU014-020	Uranium-235	2.11E-01	pCi/g	Avg	2.46E-01	value
14	3	SOU014-020	Uranium-238	7.55E+00	pCi/g	Avg	1.08E+01	value
14	3	SOU014-021	Arsenic	6.95E+00	mg/kg	Grid Value	1.91E+01	value
14	3	SOU014-021	Beryllium	1.81E+00	mg/kg	Avg	2.07E+00	value
14	3	SOU014-021	Chromium	8.50E+01	mg/kg	Grid Value	7.01E+01	value
14	3	SOU014-021	Cobalt	1.54E+01	mg/kg	Avg	1.63E+01	value
14	3	SOU014-021	Copper	8.64E+01	mg/kg	Grid Value	1.30E+02	value
14	3	SOU014-021	Iron	2.29E+04	mg/kg	Grid Value	4.64E+04	value
14	3	SOU014-021	Manganese	5.31E+02	mg/kg	Grid Value	1.24E+03	value
14	3	SOU014-021	Mercury	1.00E+01	mg/kg	Grid Value	7.48E+00	value
14	3	SOU014-021	Molybdenum	1.50E+01	mg/kg	Grid Value	2.23E+01	value
14	3	SOU014-021	Nickel	1.98E+02	mg/kg	Grid Value	6.64E+02	value
14	3	SOU014-021	PCB, Total	1.00E+01	mg/kg	Grid Value	8.75E+00	value
14	3	SOU014-021	Silver	1.00E+01	mg/kg	Grid Value	1.34E+01	value
14	3	SOU014-021	Uranium	2.79E+01	mg/kg	Grid Value	2.19E+02	value
14	3	SOU014-021	Vanadium	5.51E+01	mg/kg	Avg	6.19E+01	value
14	3	SOU014-021	Neptunium-237	1.09E-01	pCi/g	Avg	1.61E-01	value
14	3	SOU014-021	Uranium-234	3.81E+00	pCi/g	Avg	4.43E+00	value
14	3	SOU014-021	Uranium-235	2.11E-01	pCi/g	Avg	2.46E-01	value
14	3	SOU014-021	Uranium-238	7.55E+00	pCi/g	Avg	1.08E+01	value
14	3	SOU014-022	Arsenic	8.19E+00	mg/kg	Grid Value	1.91E+01	value
14	3	SOU014-022	Beryllium	1.81E+00	mg/kg	Avg	2.07E+00	value
14	3	SOU014-022	Chromium	6.67E+01	mg/kg	Grid Value	7.01E+01	value
14	3	SOU014-022	Cobalt	1.54E+01	mg/kg	Avg	1.63E+01	value
14	3	SOU014-022	Copper	9.80E+01	mg/kg	Grid Value	1.30E+02	value
14	3	SOU014-022	Iron	2.75E+04	mg/kg	Grid Value	4.64E+04	value
14	3	SOU014-022	Manganese	6.86E+02	mg/kg	Grid Value	1.24E+03	value
14	3	SOU014-022	Mercury	1.00E+01	mg/kg	Grid Value	7.48E+00	value
14	3	SOU014-022	Molybdenum	1.50E+01	mg/kg	Grid Value	2.23E+01	value
14	3	SOU014-022	Nickel	2.78E+02	mg/kg	Grid Value	6.64E+02	value
14	3	SOU014-022	PCB, Total	1.00E+01	mg/kg	Grid Value	8.75E+00	value
14	3	SOU014-022	Silver	1.00E+01	mg/kg	Grid Value	1.34E+01	value
14	3	SOU014-022	Uranium	1.37E+01	mg/kg	Grid Value	2.19E+02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
14	3	SOU014-022	Vanadium	5.51E+01	mg/kg	Avg	6.19E+01	value
14	3	SOU014-022	Neptunium-237	1.09E-01	pCi/g	Avg	1.61E-01	value
14	3	SOU014-022	Uranium-234	3.81E+00	pCi/g	Avg	4.43E+00	value
14	3	SOU014-022	Uranium-235	2.11E-01	pCi/g	Avg	2.46E-01	value
14	3	SOU014-022	Uranium-238	7.55E+00	pCi/g	Avg	1.08E+01	value
14	3	SOU014-030	Arsenic	1.68E+01	mg/kg	Grid Value	1.91E+01	value
14	3	SOU014-030	Beryllium	1.81E+00	mg/kg	Avg	2.07E+00	value
14	3	SOU014-030	Chromium	6.55E+01	mg/kg	Grid Value	7.01E+01	value
14	3	SOU014-030	Cobalt	1.54E+01	mg/kg	Avg	1.63E+01	value
14	3	SOU014-030	Copper	1.96E+02	mg/kg	Grid Value	1.30E+02	value
14	3	SOU014-030	Iron	5.49E+04	mg/kg	Grid Value	4.64E+04	value
14	3	SOU014-030	Manganese	1.55E+03	mg/kg	Grid Value	1.24E+03	value
14	3	SOU014-030	Mercury	1.00E+01	mg/kg	Grid Value	7.48E+00	value
14	3	SOU014-030	Molybdenum	1.50E+01	mg/kg	Grid Value	2.23E+01	value
14	3	SOU014-030	Nickel	7.58E+02	mg/kg	Grid Value	6.64E+02	value
14	3	SOU014-030	PCB, Total	5.00E+00	mg/kg	Grid Value	8.75E+00	value
14	3	SOU014-030	Silver	1.00E+01	mg/kg	Grid Value	1.34E+01	value
14	3	SOU014-030	Uranium	3.49E+02	mg/kg	Grid Value	2.19E+02	value
14	3	SOU014-030	Vanadium	5.51E+01	mg/kg	Avg	6.19E+01	value
14	3	SOU014-030	Neptunium-237	1.09E-01	pCi/g	Avg	1.61E-01	value
14	3	SOU014-030	Uranium-234	3.81E+00	pCi/g	Avg	4.43E+00	value
14	3	SOU014-030	Uranium-235	2.11E-01	pCi/g	Avg	2.46E-01	value
14	3	SOU014-030	Uranium-238	7.55E+00	pCi/g	Avg	1.08E+01	value
14	3	SOU014-031	Arsenic	1.47E+01	mg/kg	Grid Value	1.91E+01	value
14	3	SOU014-031	Beryllium	1.81E+00	mg/kg	Avg	2.07E+00	value
14	3	SOU014-031	Chromium	5.82E+01	mg/kg	Grid Value	7.01E+01	value
14	3	SOU014-031	Cobalt	1.54E+01	mg/kg	Avg	1.63E+01	value
14	3	SOU014-031	Copper	9.59E+01	mg/kg	Grid Value	1.30E+02	value
14	3	SOU014-031	Iron	3.66E+04	mg/kg	Grid Value	4.64E+04	value
14	3	SOU014-031	Manganese	1.46E+03	mg/kg	Grid Value	1.24E+03	value
14	3	SOU014-031	Mercury	1.00E+01	mg/kg	Grid Value	7.48E+00	value
14	3	SOU014-031	Molybdenum	1.50E+01	mg/kg	Grid Value	2.23E+01	value
14	3	SOU014-031	Nickel	1.20E+03	mg/kg	Grid Value	6.64E+02	value
14	3	SOU014-031	PCB, Total	5.00E+00	mg/kg	Grid Value	8.75E+00	value
14	3	SOU014-031	Silver	1.34E+01	mg/kg	Grid Value	1.34E+01	value
14	3	SOU014-031	Uranium	2.11E+02	mg/kg	Grid Value	2.19E+02	value
14	3	SOU014-031	Vanadium	5.51E+01	mg/kg	Avg	6.19E+01	value
14	3	SOU014-031	Neptunium-237	1.09E-01	pCi/g	Avg	1.61E-01	value
14	3	SOU014-031	Uranium-234	3.81E+00	pCi/g	Avg	4.43E+00	value
14	3	SOU014-031	Uranium-235	2.11E-01	pCi/g	Avg	2.46E-01	value
14	3	SOU014-031	Uranium-238	7.55E+00	pCi/g	Avg	1.08E+01	value
14	3	SOU014-032	Arsenic	9.94E+00	mg/kg	Grid Value	1.91E+01	value
14	3	SOU014-032	Beryllium	1.81E+00	mg/kg	Avg	2.07E+00	value
14	3	SOU014-032	Chromium	3.52E+01	mg/kg	Grid Value	7.01E+01	value
14	3	SOU014-032	Cobalt	1.54E+01	mg/kg	Avg	1.63E+01	value
14	3	SOU014-032	Copper	1.80E+02	mg/kg	Grid Value	1.30E+02	value
14	3	SOU014-032	Iron	1.81E+04	mg/kg	Grid Value	4.64E+04	value
14	3	SOU014-032	Manganese	7.52E+02	mg/kg	Grid Value	1.24E+03	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
14	3	SOU014-032	Mercury	1.00E+01	mg/kg	Grid Value	7.48E+00	value
14	3	SOU014-032	Molybdenum	1.50E+01	mg/kg	Grid Value	2.23E+01	value
14	3	SOU014-032	Nickel	7.78E+02	mg/kg	Grid Value	6.64E+02	value
14	3	SOU014-032	PCB, Total	5.00E+00	mg/kg	Grid Value	8.75E+00	value
14	3	SOU014-032	Silver	1.00E+01	mg/kg	Grid Value	1.34E+01	value
14	3	SOU014-032	Uranium	1.90E+02	mg/kg	Grid Value	2.19E+02	value
14	3	SOU014-032	Vanadium	5.51E+01	mg/kg	Avg	6.19E+01	value
14	3	SOU014-032	Neptunium-237	1.09E-01	pCi/g	Avg	1.61E-01	value
14	3	SOU014-032	Uranium-234	3.81E+00	pCi/g	Avg	4.43E+00	value
14	3	SOU014-032	Uranium-235	2.11E-01	pCi/g	Avg	2.46E-01	value
14	3	SOU014-032	Uranium-238	7.55E+00	pCi/g	Avg	1.08E+01	value
14	3	SOU014-033	Arsenic	7.20E+00	mg/kg	Grid Value	1.91E+01	value
14	3	SOU014-033	Beryllium	6.20E-01	mg/kg	Grid Value	2.07E+00	value
14	3	SOU014-033	Chromium	2.50E+01	mg/kg	Grid Value	7.01E+01	value
14	3	SOU014-033	Cobalt	1.15E+01	mg/kg	Grid Value	1.63E+01	value
14	3	SOU014-033	Copper	2.58E+01	mg/kg	Grid Value	1.30E+02	value
14	3	SOU014-033	Iron	2.68E+04	mg/kg	Grid Value	4.64E+04	value
14	3	SOU014-033	Manganese	1.85E+03	mg/kg	Grid Value	1.24E+03	value
14	3	SOU014-033	Mercury	7.48E+00	mg/kg	Grid Value	7.48E+00	value
14	3	SOU014-033	Molybdenum	2.80E+00	mg/kg	Grid Value	2.23E+01	value
14	3	SOU014-033	Nickel	7.96E+01	mg/kg	Grid Value	6.64E+02	value
14	3	SOU014-033	PCB, Total	6.50E-02	mg/kg	Grid Value	8.75E+00	value
14	3	SOU014-033	Silver	2.80E-02	mg/kg	Grid Value	1.34E+01	value
14	3	SOU014-033	Uranium	5.50E+00	mg/kg	Grid Value	2.19E+02	value
14	3	SOU014-033	Vanadium	2.39E+01	mg/kg	Grid Value	6.19E+01	value
14	3	SOU014-033	Neptunium-237	1.30E-02	pCi/g	Grid Value	1.61E-01	value
14	3	SOU014-033	Uranium-234	1.00E+00	pCi/g	Grid Value	4.43E+00	value
14	3	SOU014-033	Uranium-235	5.20E-02	pCi/g	Grid Value	2.46E-01	value
14	3	SOU014-033	Uranium-238	1.50E+00	pCi/g	Grid Value	1.08E+01	value
14	4	SOU014-034	Aluminum	1.17E+04	mg/kg	Avg	1.18E+04	value
14	4	SOU014-034	Antimony	2.30E+00	mg/kg	Avg	3.29E+00	value
14	4	SOU014-034	Arsenic	1.13E+01	mg/kg	Grid Value	1.24E+01	value
14	4	SOU014-034	Chromium	3.41E+01	mg/kg	Grid Value	5.66E+01	value
14	4	SOU014-034	Cobalt	1.45E+01	mg/kg	Avg	1.46E+01	value
14	4	SOU014-034	Copper	1.55E+02	mg/kg	Grid Value	3.59E+02	value
14	4	SOU014-034	Iron	2.93E+04	mg/kg	Grid Value	3.89E+04	value
14	4	SOU014-034	Manganese	7.25E+02	mg/kg	Grid Value	9.96E+02	value
14	4	SOU014-034	Mercury	1.00E+01	mg/kg	Grid Value	8.00E+00	value
14	4	SOU014-034	Nickel	2.70E+02	mg/kg	Grid Value	7.31E+02	value
14	4	SOU014-034	PCB, Total	5.00E+00	mg/kg	Grid Value	8.28E+00	value
14	4	SOU014-034	Silver	1.08E+01	mg/kg	Grid Value	1.17E+01	value
14	4	SOU014-034	Total PAH	1.28E-01	mg/kg	Avg	1.89E-01	value
14	4	SOU014-034	Uranium	2.21E+02	mg/kg	Grid Value	3.72E+02	value
14	4	SOU014-034	Neptunium-237	1.40E+00	pCi/g	Avg	2.03E+00	value
14	4	SOU014-034	Thorium-230	4.70E+00	pCi/g	Avg	5.43E+00	value
14	4	SOU014-034	Uranium-234	5.99E+01	pCi/g	Avg	8.61E+01	value
14	4	SOU014-034	Uranium-235	4.25E+00	pCi/g	Avg	6.10E+00	value
14	4	SOU014-034	Uranium-238	8.91E+01	pCi/g	Avg	1.29E+02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
14	4	SOU014-035	Aluminum	1.17E+04	mg/kg	Avg	1.18E+04	value
14	4	SOU014-035	Antimony	2.30E+00	mg/kg	Avg	3.29E+00	value
14	4	SOU014-035	Arsenic	8.80E+00	mg/kg	Grid Value	1.24E+01	value
14	4	SOU014-035	Chromium	5.13E+01	mg/kg	Grid Value	5.66E+01	value
14	4	SOU014-035	Cobalt	1.45E+01	mg/kg	Avg	1.46E+01	value
14	4	SOU014-035	Copper	1.58E+02	mg/kg	Grid Value	3.59E+02	value
14	4	SOU014-035	Iron	3.45E+04	mg/kg	Grid Value	3.89E+04	value
14	4	SOU014-035	Manganese	1.02E+03	mg/kg	Grid Value	9.96E+02	value
14	4	SOU014-035	Mercury	1.00E+01	mg/kg	Grid Value	8.00E+00	value
14	4	SOU014-035	Nickel	8.05E+02	mg/kg	Grid Value	7.31E+02	value
14	4	SOU014-035	PCB, Total	5.00E+00	mg/kg	Grid Value	8.28E+00	value
14	4	SOU014-035	Silver	1.00E+01	mg/kg	Grid Value	1.17E+01	value
14	4	SOU014-035	Total PAH	1.28E-01	mg/kg	Avg	1.89E-01	value
14	4	SOU014-035	Uranium	3.30E+02	mg/kg	Grid Value	3.72E+02	value
14	4	SOU014-035	Neptunium-237	1.40E+00	pCi/g	Avg	2.03E+00	value
14	4	SOU014-035	Thorium-230	4.70E+00	pCi/g	Avg	5.43E+00	value
14	4	SOU014-035	Uranium-234	5.99E+01	pCi/g	Avg	8.61E+01	value
14	4	SOU014-035	Uranium-235	4.25E+00	pCi/g	Avg	6.10E+00	value
14	4	SOU014-035	Uranium-238	8.91E+01	pCi/g	Avg	1.29E+02	value
14	4	SOU014-036	Aluminum	1.13E+04	mg/kg	Grid Value	1.18E+04	value
14	4	SOU014-036	Antimony	4.30E+00	mg/kg	Grid Value	3.29E+00	value
14	4	SOU014-036	Arsenic	1.48E+01	mg/kg	Grid Value	1.24E+01	value
14	4	SOU014-036	Chromium	3.73E+01	mg/kg	Grid Value	5.66E+01	value
14	4	SOU014-036	Cobalt	1.39E+01	mg/kg	Grid Value	1.46E+01	value
14	4	SOU014-036	Copper	3.15E+02	mg/kg	Grid Value	3.59E+02	value
14	4	SOU014-036	Iron	3.25E+04	mg/kg	Grid Value	3.89E+04	value
14	4	SOU014-036	Manganese	1.23E+03	mg/kg	Grid Value	9.96E+02	value
14	4	SOU014-036	Mercury	4.87E-01	mg/kg	Grid Value	8.00E+00	value
14	4	SOU014-036	Nickel	5.81E+02	mg/kg	Grid Value	7.31E+02	value
14	4	SOU014-036	PCB, Total	2.60E+00	mg/kg	Grid Value	8.28E+00	value
14	4	SOU014-036	Silver	1.20E+00	mg/kg	Grid Value	1.17E+01	value
14	4	SOU014-036	Total PAH	2.51E-01	mg/kg	Grid Value	1.89E-01	value
14	4	SOU014-036	Uranium	5.06E+02	mg/kg	Grid Value	3.72E+02	value
14	4	SOU014-036	Neptunium-237	2.68E+00	pCi/g	Grid Value	2.03E+00	value
14	4	SOU014-036	Thorium-230	8.33E+00	pCi/g	Grid Value	5.43E+00	value
14	4	SOU014-036	Uranium-234	1.13E+02	pCi/g	Grid Value	8.61E+01	value
14	4	SOU014-036	Uranium-235	8.00E+00	pCi/g	Grid Value	6.10E+00	value
14	4	SOU014-036	Uranium-238	1.69E+02	pCi/g	Grid Value	1.29E+02	value
14	4	SOU014-037	Aluminum	1.17E+04	mg/kg	Avg	1.18E+04	value
14	4	SOU014-037	Antimony	2.30E+00	mg/kg	Avg	3.29E+00	value
14	4	SOU014-037	Arsenic	7.31E+00	mg/kg	Grid Value	1.24E+01	value
14	4	SOU014-037	Chromium	4.86E+01	mg/kg	Grid Value	5.66E+01	value
14	4	SOU014-037	Cobalt	1.45E+01	mg/kg	Avg	1.46E+01	value
14	4	SOU014-037	Copper	2.52E+02	mg/kg	Grid Value	3.59E+02	value
14	4	SOU014-037	Iron	5.10E+04	mg/kg	Grid Value	3.89E+04	value
14	4	SOU014-037	Manganese	1.16E+03	mg/kg	Grid Value	9.96E+02	value
14	4	SOU014-037	Mercury	1.00E+01	mg/kg	Grid Value	8.00E+00	value
14	4	SOU014-037	Nickel	8.69E+02	mg/kg	Grid Value	7.31E+02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
14	4	SOU014-037	PCB, Total	5.00E+00	mg/kg	Grid Value	8.28E+00	value
14	4	SOU014-037	Silver	1.00E+01	mg/kg	Grid Value	1.17E+01	value
14	4	SOU014-037	Total PAH	1.28E-01	mg/kg	Avg	1.89E-01	value
14	4	SOU014-037	Uranium	6.63E+02	mg/kg	Grid Value	3.72E+02	value
14	4	SOU014-037	Neptunium-237	1.40E+00	pCi/g	Avg	2.03E+00	value
14	4	SOU014-037	Thorium-230	4.70E+00	pCi/g	Avg	5.43E+00	value
14	4	SOU014-037	Uranium-234	5.99E+01	pCi/g	Avg	8.61E+01	value
14	4	SOU014-037	Uranium-235	4.25E+00	pCi/g	Avg	6.10E+00	value
14	4	SOU014-037	Uranium-238	8.91E+01	pCi/g	Avg	1.29E+02	value
14	4	SOU014-045	Aluminum	1.17E+04	mg/kg	Avg	1.18E+04	value
14	4	SOU014-045	Antimony	2.30E+00	mg/kg	Avg	3.29E+00	value
14	4	SOU014-045	Arsenic	8.23E+00	mg/kg	Grid Value	1.24E+01	value
14	4	SOU014-045	Chromium	3.42E+01	mg/kg	Grid Value	5.66E+01	value
14	4	SOU014-045	Cobalt	1.45E+01	mg/kg	Avg	1.46E+01	value
14	4	SOU014-045	Copper	6.91E+01	mg/kg	Grid Value	3.59E+02	value
14	4	SOU014-045	Iron	2.07E+04	mg/kg	Grid Value	3.89E+04	value
14	4	SOU014-045	Manganese	8.12E+02	mg/kg	Grid Value	9.96E+02	value
14	4	SOU014-045	Mercury	1.00E+01	mg/kg	Grid Value	8.00E+00	value
14	4	SOU014-045	Nickel	2.96E+02	mg/kg	Grid Value	7.31E+02	value
14	4	SOU014-045	PCB, Total	5.00E+00	mg/kg	Grid Value	8.28E+00	value
14	4	SOU014-045	Silver	1.00E+01	mg/kg	Grid Value	1.17E+01	value
14	4	SOU014-045	Total PAH	1.28E-01	mg/kg	Avg	1.89E-01	value
14	4	SOU014-045	Uranium	1.41E+02	mg/kg	Grid Value	3.72E+02	value
14	4	SOU014-045	Neptunium-237	1.40E+00	pCi/g	Avg	2.03E+00	value
14	4	SOU014-045	Thorium-230	4.70E+00	pCi/g	Avg	5.43E+00	value
14	4	SOU014-045	Uranium-234	5.99E+01	pCi/g	Avg	8.61E+01	value
14	4	SOU014-045	Uranium-235	4.25E+00	pCi/g	Avg	6.10E+00	value
14	4	SOU014-045	Uranium-238	8.91E+01	pCi/g	Avg	1.29E+02	value
14	4	SOU014-046	Aluminum	1.21E+04	mg/kg	Grid Value	1.18E+04	value
14	4	SOU014-046	Antimony	3.00E-01	mg/kg	Grid Value	3.29E+00	value
14	4	SOU014-046	Arsenic	5.90E+00	mg/kg	Grid Value	1.24E+01	value
14	4	SOU014-046	Chromium	1.87E+01	mg/kg	Grid Value	5.66E+01	value
14	4	SOU014-046	Cobalt	1.51E+01	mg/kg	Grid Value	1.46E+01	value
14	4	SOU014-046	Copper	2.97E+01	mg/kg	Grid Value	3.59E+02	value
14	4	SOU014-046	Iron	2.18E+04	mg/kg	Grid Value	3.89E+04	value
14	4	SOU014-046	Manganese	5.95E+02	mg/kg	Grid Value	9.96E+02	value
14	4	SOU014-046	Mercury	1.52E-02	mg/kg	Grid Value	8.00E+00	value
14	4	SOU014-046	Nickel	2.46E+02	mg/kg	Grid Value	7.31E+02	value
14	4	SOU014-046	PCB, Total	3.60E-01	mg/kg	Grid Value	8.28E+00	value
14	4	SOU014-046	Silver	1.09E+01	mg/kg	Grid Value	1.17E+01	value
14	4	SOU014-046	Total PAH	5.10E-03	mg/kg	Grid Value	1.89E-01	value
14	4	SOU014-046	Uranium	1.77E+02	mg/kg	Grid Value	3.72E+02	value
14	4	SOU014-046	Neptunium-237	1.12E-01	pCi/g	Grid Value	2.03E+00	value
14	4	SOU014-046	Thorium-230	1.06E+00	pCi/g	Grid Value	5.43E+00	value
14	4	SOU014-046	Uranium-234	6.76E+00	pCi/g	Grid Value	8.61E+01	value
14	4	SOU014-046	Uranium-235	5.07E-01	pCi/g	Grid Value	6.10E+00	value
14	4	SOU014-046	Uranium-238	9.21E+00	pCi/g	Grid Value	1.29E+02	value
14	4	SOU014-047	Aluminum	1.17E+04	mg/kg	Avg	1.18E+04	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
14	4	SOU014-047	Antimony	2.30E+00	mg/kg	Avg	3.29E+00	value
14	4	SOU014-047	Arsenic	1.10E+01	mg/kg	Grid Value	1.24E+01	value
14	4	SOU014-047	Chromium	4.16E+01	mg/kg	Grid Value	5.66E+01	value
14	4	SOU014-047	Cobalt	1.45E+01	mg/kg	Avg	1.46E+01	value
14	4	SOU014-047	Copper	1.15E+02	mg/kg	Grid Value	3.59E+02	value
14	4	SOU014-047	Iron	2.68E+04	mg/kg	Grid Value	3.89E+04	value
14	4	SOU014-047	Manganese	8.81E+02	mg/kg	Grid Value	9.96E+02	value
14	4	SOU014-047	Mercury	1.00E+01	mg/kg	Grid Value	8.00E+00	value
14	4	SOU014-047	Nickel	3.83E+02	mg/kg	Grid Value	7.31E+02	value
14	4	SOU014-047	PCB, Total	1.00E+01	mg/kg	Grid Value	8.28E+00	value
14	4	SOU014-047	Silver	1.00E+01	mg/kg	Grid Value	1.17E+01	value
14	4	SOU014-047	Total PAH	1.28E-01	mg/kg	Avg	1.89E-01	value
14	4	SOU014-047	Uranium	1.87E+02	mg/kg	Grid Value	3.72E+02	value
14	4	SOU014-047	Neptunium-237	1.40E+00	pCi/g	Avg	2.03E+00	value
14	4	SOU014-047	Thorium-230	4.70E+00	pCi/g	Avg	5.43E+00	value
14	4	SOU014-047	Uranium-234	5.99E+01	pCi/g	Avg	8.61E+01	value
14	4	SOU014-047	Uranium-235	4.25E+00	pCi/g	Avg	6.10E+00	value
14	4	SOU014-047	Uranium-238	8.91E+01	pCi/g	Avg	1.29E+02	value
14	4	SOU014-048	Aluminum	1.17E+04	mg/kg	Avg	1.18E+04	value
14	4	SOU014-048	Antimony	2.30E+00	mg/kg	Avg	3.29E+00	value
14	4	SOU014-048	Arsenic	1.10E+01	mg/kg	Grid Value	1.24E+01	value
14	4	SOU014-048	Chromium	8.50E+01	mg/kg	Grid Value	5.66E+01	value
14	4	SOU014-048	Cobalt	1.45E+01	mg/kg	Avg	1.46E+01	value
14	4	SOU014-048	Copper	1.49E+02	mg/kg	Grid Value	3.59E+02	value
14	4	SOU014-048	Iron	3.36E+04	mg/kg	Grid Value	3.89E+04	value
14	4	SOU014-048	Manganese	1.20E+03	mg/kg	Grid Value	9.96E+02	value
14	4	SOU014-048	Mercury	1.00E+01	mg/kg	Grid Value	8.00E+00	value
14	4	SOU014-048	Nickel	4.54E+02	mg/kg	Grid Value	7.31E+02	value
14	4	SOU014-048	PCB, Total	5.00E+00	mg/kg	Grid Value	8.28E+00	value
14	4	SOU014-048	Silver	1.00E+01	mg/kg	Grid Value	1.17E+01	value
14	4	SOU014-048	Total PAH	1.28E-01	mg/kg	Avg	1.89E-01	value
14	4	SOU014-048	Uranium	1.79E+02	mg/kg	Grid Value	3.72E+02	value
14	4	SOU014-048	Neptunium-237	1.40E+00	pCi/g	Avg	2.03E+00	value
14	4	SOU014-048	Thorium-230	4.70E+00	pCi/g	Avg	5.43E+00	value
14	4	SOU014-048	Uranium-234	5.99E+01	pCi/g	Avg	8.61E+01	value
14	4	SOU014-048	Uranium-235	4.25E+00	pCi/g	Avg	6.10E+00	value
14	4	SOU014-048	Uranium-238	8.91E+01	pCi/g	Avg	1.29E+02	value
14	4	SOU014-049	Aluminum	1.17E+04	mg/kg	Avg	1.18E+04	value
14	4	SOU014-049	Antimony	2.30E+00	mg/kg	Avg	3.29E+00	value
14	4	SOU014-049	Arsenic	8.28E+00	mg/kg	Grid Value	1.24E+01	value
14	4	SOU014-049	Chromium	5.45E+01	mg/kg	Grid Value	5.66E+01	value
14	4	SOU014-049	Cobalt	1.45E+01	mg/kg	Avg	1.46E+01	value
14	4	SOU014-049	Copper	2.08E+02	mg/kg	Grid Value	3.59E+02	value
14	4	SOU014-049	Iron	3.98E+04	mg/kg	Grid Value	3.89E+04	value
14	4	SOU014-049	Manganese	8.69E+02	mg/kg	Grid Value	9.96E+02	value
14	4	SOU014-049	Mercury	1.00E+01	mg/kg	Grid Value	8.00E+00	value
14	4	SOU014-049	Nickel	4.99E+02	mg/kg	Grid Value	7.31E+02	value
14	4	SOU014-049	PCB, Total	5.00E+00	mg/kg	Grid Value	8.28E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
14	4	SOU014-049	Silver	1.00E+01	mg/kg	Grid Value	1.17E+01	value
14	4	SOU014-049	Total PAH	1.28E-01	mg/kg	Avg	1.89E-01	value
14	4	SOU014-049	Uranium	3.10E+02	mg/kg	Grid Value	3.72E+02	value
14	4	SOU014-049	Neptunium-237	1.40E+00	pCi/g	Avg	2.03E+00	value
14	4	SOU014-049	Thorium-230	4.70E+00	pCi/g	Avg	5.43E+00	value
14	4	SOU014-049	Uranium-234	5.99E+01	pCi/g	Avg	8.61E+01	value
14	4	SOU014-049	Uranium-235	4.25E+00	pCi/g	Avg	6.10E+00	value
14	4	SOU014-049	Uranium-238	8.91E+01	pCi/g	Avg	1.29E+02	value
14	4	SOU014-050	Aluminum	1.17E+04	mg/kg	Avg	1.18E+04	value
14	4	SOU014-050	Antimony	2.30E+00	mg/kg	Avg	3.29E+00	value
14	4	SOU014-050	Arsenic	2.08E+01	mg/kg	Grid Value	1.24E+01	value
14	4	SOU014-050	Chromium	7.73E+01	mg/kg	Grid Value	5.66E+01	value
14	4	SOU014-050	Cobalt	1.45E+01	mg/kg	Avg	1.46E+01	value
14	4	SOU014-050	Copper	1.10E+03	mg/kg	Grid Value	3.59E+02	value
14	4	SOU014-050	Iron	6.30E+04	mg/kg	Grid Value	3.89E+04	value
14	4	SOU014-050	Manganese	1.17E+03	mg/kg	Grid Value	9.96E+02	value
14	4	SOU014-050	Mercury	1.00E+01	mg/kg	Grid Value	8.00E+00	value
14	4	SOU014-050	Nickel	1.59E+03	mg/kg	Grid Value	7.31E+02	value
14	4	SOU014-050	PCB, Total	5.00E+00	mg/kg	Grid Value	8.28E+00	value
14	4	SOU014-050	Silver	1.00E+01	mg/kg	Grid Value	1.17E+01	value
14	4	SOU014-050	Total PAH	1.28E-01	mg/kg	Avg	1.89E-01	value
14	4	SOU014-050	Uranium	4.42E+02	mg/kg	Grid Value	3.72E+02	value
14	4	SOU014-050	Neptunium-237	1.40E+00	pCi/g	Avg	2.03E+00	value
14	4	SOU014-050	Thorium-230	4.70E+00	pCi/g	Avg	5.43E+00	value
14	4	SOU014-050	Uranium-234	5.99E+01	pCi/g	Avg	8.61E+01	value
14	4	SOU014-050	Uranium-235	4.25E+00	pCi/g	Avg	6.10E+00	value
14	4	SOU014-050	Uranium-238	8.91E+01	pCi/g	Avg	1.29E+02	value
14	4	SOU014-051	Aluminum	1.17E+04	mg/kg	Avg	1.18E+04	value
14	4	SOU014-051	Antimony	2.30E+00	mg/kg	Avg	3.29E+00	value
14	4	SOU014-051	Arsenic	9.80E+00	mg/kg	Grid Value	1.24E+01	value
14	4	SOU014-051	Chromium	3.90E+01	mg/kg	Grid Value	5.66E+01	value
14	4	SOU014-051	Cobalt	1.45E+01	mg/kg	Avg	1.46E+01	value
14	4	SOU014-051	Copper	8.28E+01	mg/kg	Grid Value	3.59E+02	value
14	4	SOU014-051	Iron	3.44E+04	mg/kg	Grid Value	3.89E+04	value
14	4	SOU014-051	Manganese	4.97E+02	mg/kg	Grid Value	9.96E+02	value
14	4	SOU014-051	Mercury	1.00E+01	mg/kg	Grid Value	8.00E+00	value
14	4	SOU014-051	Nickel	2.11E+02	mg/kg	Grid Value	7.31E+02	value
14	4	SOU014-051	PCB, Total	5.00E+00	mg/kg	Grid Value	8.28E+00	value
14	4	SOU014-051	Silver	1.17E+01	mg/kg	Grid Value	1.17E+01	value
14	4	SOU014-051	Total PAH	1.28E-01	mg/kg	Avg	1.89E-01	value
14	4	SOU014-051	Uranium	1.40E+02	mg/kg	Grid Value	3.72E+02	value
14	4	SOU014-051	Neptunium-237	1.40E+00	pCi/g	Avg	2.03E+00	value
14	4	SOU014-051	Thorium-230	4.70E+00	pCi/g	Avg	5.43E+00	value
14	4	SOU014-051	Uranium-234	5.99E+01	pCi/g	Avg	8.61E+01	value
14	4	SOU014-051	Uranium-235	4.25E+00	pCi/g	Avg	6.10E+00	value
14	4	SOU014-051	Uranium-238	8.91E+01	pCi/g	Avg	1.29E+02	value
14	4	SOU014-060	Aluminum	1.17E+04	mg/kg	Avg	1.18E+04	value
14	4	SOU014-060	Antimony	2.30E+00	mg/kg	Avg	3.29E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
14	4	SOU014-060	Arsenic	7.75E+00	mg/kg	Grid Value	1.24E+01	value
14	4	SOU014-060	Chromium	5.96E+01	mg/kg	Grid Value	5.66E+01	value
14	4	SOU014-060	Cobalt	1.45E+01	mg/kg	Avg	1.46E+01	value
14	4	SOU014-060	Copper	4.40E+01	mg/kg	Grid Value	3.59E+02	value
14	4	SOU014-060	Iron	1.49E+04	mg/kg	Grid Value	3.89E+04	value
14	4	SOU014-060	Manganese	4.89E+02	mg/kg	Grid Value	9.96E+02	value
14	4	SOU014-060	Mercury	8.00E+00	mg/kg	Grid Value	8.00E+00	value
14	4	SOU014-060	Nickel	2.07E+02	mg/kg	Grid Value	7.31E+02	value
14	4	SOU014-060	PCB, Total	1.00E+01	mg/kg	Grid Value	8.28E+00	value
14	4	SOU014-060	Silver	1.00E+01	mg/kg	Grid Value	1.17E+01	value
14	4	SOU014-060	Total PAH	1.28E-01	mg/kg	Avg	1.89E-01	value
14	4	SOU014-060	Uranium	9.30E+01	mg/kg	Grid Value	3.72E+02	value
14	4	SOU014-060	Neptunium-237	1.40E+00	pCi/g	Avg	2.03E+00	value
14	4	SOU014-060	Thorium-230	4.70E+00	pCi/g	Avg	5.43E+00	value
14	4	SOU014-060	Uranium-234	5.99E+01	pCi/g	Avg	8.61E+01	value
14	4	SOU014-060	Uranium-235	4.25E+00	pCi/g	Avg	6.10E+00	value
14	4	SOU014-060	Uranium-238	8.91E+01	pCi/g	Avg	1.29E+02	value
14	4	SOU014-061	Aluminum	1.17E+04	mg/kg	Avg	1.18E+04	value
14	4	SOU014-061	Antimony	2.30E+00	mg/kg	Avg	3.29E+00	value
14	4	SOU014-061	Arsenic	1.10E+01	mg/kg	Grid Value	1.24E+01	value
14	4	SOU014-061	Chromium	3.64E+01	mg/kg	Grid Value	5.66E+01	value
14	4	SOU014-061	Cobalt	1.45E+01	mg/kg	Avg	1.46E+01	value
14	4	SOU014-061	Copper	6.87E+01	mg/kg	Grid Value	3.59E+02	value
14	4	SOU014-061	Iron	1.51E+04	mg/kg	Grid Value	3.89E+04	value
14	4	SOU014-061	Manganese	3.82E+02	mg/kg	Grid Value	9.96E+02	value
14	4	SOU014-061	Mercury	1.00E+01	mg/kg	Grid Value	8.00E+00	value
14	4	SOU014-061	Nickel	1.51E+02	mg/kg	Grid Value	7.31E+02	value
14	4	SOU014-061	PCB, Total	5.00E+00	mg/kg	Grid Value	8.28E+00	value
14	4	SOU014-061	Silver	1.00E+01	mg/kg	Grid Value	1.17E+01	value
14	4	SOU014-061	Total PAH	1.28E-01	mg/kg	Avg	1.89E-01	value
14	4	SOU014-061	Uranium	1.22E+02	mg/kg	Grid Value	3.72E+02	value
14	4	SOU014-061	Neptunium-237	1.40E+00	pCi/g	Avg	2.03E+00	value
14	4	SOU014-061	Thorium-230	4.70E+00	pCi/g	Avg	5.43E+00	value
14	4	SOU014-061	Uranium-234	5.99E+01	pCi/g	Avg	8.61E+01	value
14	4	SOU014-061	Uranium-235	4.25E+00	pCi/g	Avg	6.10E+00	value
14	4	SOU014-061	Uranium-238	8.91E+01	pCi/g	Avg	1.29E+02	value
14	5	SOU014-041	Antimony	1.39E+00	mg/kg	Avg	1.60E+00	value
14	5	SOU014-041	Arsenic	1.64E+01	mg/kg	Grid Value	1.27E+01	value
14	5	SOU014-041	Beryllium	7.20E-01	mg/kg	Avg	7.93E-01	value
14	5	SOU014-041	Cadmium	1.44E+00	mg/kg	Avg	2.59E+00	value
14	5	SOU014-041	Chromium	8.50E+01	mg/kg	Grid Value	4.70E+01	value
14	5	SOU014-041	Cobalt	1.04E+01	mg/kg	Avg	1.11E+01	value
14	5	SOU014-041	Copper	2.18E+02	mg/kg	Grid Value	1.34E+02	value
14	5	SOU014-041	Iron	6.66E+04	mg/kg	Grid Value	3.93E+04	value
14	5	SOU014-041	Manganese	9.06E+02	mg/kg	Grid Value	1.06E+03	value
14	5	SOU014-041	Mercury	1.00E+01	mg/kg	Grid Value	1.09E+01	value
14	5	SOU014-041	Nickel	6.97E+02	mg/kg	Grid Value	4.63E+02	value
14	5	SOU014-041	PCB, Total	5.00E+00	mg/kg	Grid Value	7.64E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
14	5	SOU014-041	Silver	1.00E+01	mg/kg	Grid Value	1.29E+01	value
14	5	SOU014-041	Thallium	3.13E-01	mg/kg	Avg	3.52E-01	value
14	5	SOU014-041	Total PAH	6.46E-02	mg/kg	Avg	9.48E-02	value
14	5	SOU014-041	Uranium	3.12E+02	mg/kg	Grid Value	2.62E+02	value
14	5	SOU014-041	Vanadium	3.45E+01	mg/kg	Avg	3.68E+01	value
14	5	SOU014-041	Neptunium-237	8.72E-01	pCi/g	Avg	1.74E+00	value
14	5	SOU014-041	Technetium-99	5.13E+01	pCi/g	Avg	7.80E+01	value
14	5	SOU014-041	Thorium-230	7.41E+00	pCi/g	Avg	1.09E+01	value
14	5	SOU014-041	Uranium-234	2.65E+01	pCi/g	Avg	4.03E+01	value
14	5	SOU014-041	Uranium-235	1.70E+00	pCi/g	Avg	2.57E+00	value
14	5	SOU014-041	Uranium-238	4.76E+01	pCi/g	Avg	7.26E+01	value
14	5	SOU014-042	Antimony	1.39E+00	mg/kg	Avg	1.60E+00	value
14	5	SOU014-042	Arsenic	1.10E+01	mg/kg	Grid Value	1.27E+01	value
14	5	SOU014-042	Beryllium	7.20E-01	mg/kg	Avg	7.93E-01	value
14	5	SOU014-042	Cadmium	1.44E+00	mg/kg	Avg	2.59E+00	value
14	5	SOU014-042	Chromium	8.50E+01	mg/kg	Grid Value	4.70E+01	value
14	5	SOU014-042	Cobalt	1.04E+01	mg/kg	Avg	1.11E+01	value
14	5	SOU014-042	Copper	1.06E+02	mg/kg	Grid Value	1.34E+02	value
14	5	SOU014-042	Iron	3.90E+04	mg/kg	Grid Value	3.93E+04	value
14	5	SOU014-042	Manganese	1.55E+03	mg/kg	Grid Value	1.06E+03	value
14	5	SOU014-042	Mercury	1.00E+01	mg/kg	Grid Value	1.09E+01	value
14	5	SOU014-042	Nickel	6.69E+02	mg/kg	Grid Value	4.63E+02	value
14	5	SOU014-042	PCB, Total	5.00E+00	mg/kg	Grid Value	7.64E+00	value
14	5	SOU014-042	Silver	1.00E+01	mg/kg	Grid Value	1.29E+01	value
14	5	SOU014-042	Thallium	3.13E-01	mg/kg	Avg	3.52E-01	value
14	5	SOU014-042	Total PAH	6.46E-02	mg/kg	Avg	9.48E-02	value
14	5	SOU014-042	Uranium	4.45E+02	mg/kg	Grid Value	2.62E+02	value
14	5	SOU014-042	Vanadium	3.45E+01	mg/kg	Avg	3.68E+01	value
14	5	SOU014-042	Neptunium-237	8.72E-01	pCi/g	Avg	1.74E+00	value
14	5	SOU014-042	Technetium-99	5.13E+01	pCi/g	Avg	7.80E+01	value
14	5	SOU014-042	Thorium-230	7.41E+00	pCi/g	Avg	1.09E+01	value
14	5	SOU014-042	Uranium-234	2.65E+01	pCi/g	Avg	4.03E+01	value
14	5	SOU014-042	Uranium-235	1.70E+00	pCi/g	Avg	2.57E+00	value
14	5	SOU014-042	Uranium-238	4.76E+01	pCi/g	Avg	7.26E+01	value
14	5	SOU014-043	Antimony	1.39E+00	mg/kg	Avg	1.60E+00	value
14	5	SOU014-043	Arsenic	1.29E+01	mg/kg	Grid Value	1.27E+01	value
14	5	SOU014-043	Beryllium	7.20E-01	mg/kg	Avg	7.93E-01	value
14	5	SOU014-043	Cadmium	1.44E+00	mg/kg	Avg	2.59E+00	value
14	5	SOU014-043	Chromium	4.70E+01	mg/kg	Grid Value	4.70E+01	value
14	5	SOU014-043	Cobalt	1.04E+01	mg/kg	Avg	1.11E+01	value
14	5	SOU014-043	Copper	8.23E+01	mg/kg	Grid Value	1.34E+02	value
14	5	SOU014-043	Iron	2.44E+04	mg/kg	Grid Value	3.93E+04	value
14	5	SOU014-043	Manganese	4.78E+02	mg/kg	Grid Value	1.06E+03	value
14	5	SOU014-043	Mercury	1.09E+01	mg/kg	Grid Value	1.09E+01	value
14	5	SOU014-043	Nickel	3.16E+02	mg/kg	Grid Value	4.63E+02	value
14	5	SOU014-043	PCB, Total	5.00E+00	mg/kg	Grid Value	7.64E+00	value
14	5	SOU014-043	Silver	1.00E+01	mg/kg	Grid Value	1.29E+01	value
14	5	SOU014-043	Thallium	3.13E-01	mg/kg	Avg	3.52E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
14	5	SOU014-043	Total PAH	6.46E-02	mg/kg	Avg	9.48E-02	value
14	5	SOU014-043	Uranium	1.71E+02	mg/kg	Grid Value	2.62E+02	value
14	5	SOU014-043	Vanadium	3.45E+01	mg/kg	Avg	3.68E+01	value
14	5	SOU014-043	Neptunium-237	8.72E-01	pCi/g	Avg	1.74E+00	value
14	5	SOU014-043	Technetium-99	5.13E+01	pCi/g	Avg	7.80E+01	value
14	5	SOU014-043	Thorium-230	7.41E+00	pCi/g	Avg	1.09E+01	value
14	5	SOU014-043	Uranium-234	2.65E+01	pCi/g	Avg	4.03E+01	value
14	5	SOU014-043	Uranium-235	1.70E+00	pCi/g	Avg	2.57E+00	value
14	5	SOU014-043	Uranium-238	4.76E+01	pCi/g	Avg	7.26E+01	value
14	5	SOU014-044	Antimony	3.70E-01	mg/kg	Grid Value	1.60E+00	value
14	5	SOU014-044	Arsenic	5.50E+00	mg/kg	Grid Value	1.27E+01	value
14	5	SOU014-044	Beryllium	5.20E-01	mg/kg	Grid Value	7.93E-01	value
14	5	SOU014-044	Cadmium	6.70E-02	mg/kg	Grid Value	2.59E+00	value
14	5	SOU014-044	Chromium	1.57E+01	mg/kg	Grid Value	4.70E+01	value
14	5	SOU014-044	Cobalt	8.50E+00	mg/kg	Grid Value	1.11E+01	value
14	5	SOU014-044	Copper	4.73E+01	mg/kg	Grid Value	1.34E+02	value
14	5	SOU014-044	Iron	2.34E+04	mg/kg	Grid Value	3.93E+04	value
14	5	SOU014-044	Manganese	5.99E+02	mg/kg	Grid Value	1.06E+03	value
14	5	SOU014-044	Mercury	1.14E-02	mg/kg	Grid Value	1.09E+01	value
14	5	SOU014-044	Nickel	2.29E+02	mg/kg	Grid Value	4.63E+02	value
14	5	SOU014-044	PCB, Total	3.70E-01	mg/kg	Grid Value	7.64E+00	value
14	5	SOU014-044	Silver	4.30E-02	mg/kg	Grid Value	1.29E+01	value
14	5	SOU014-044	Thallium	4.20E-01	mg/kg	Grid Value	3.52E-01	value
14	5	SOU014-044	Total PAH	8.20E-03	mg/kg	Grid Value	9.48E-02	value
14	5	SOU014-044	Uranium	8.30E+01	mg/kg	Grid Value	2.62E+02	value
14	5	SOU014-044	Vanadium	2.86E+01	mg/kg	Grid Value	3.68E+01	value
14	5	SOU014-044	Neptunium-237	3.40E-03	pCi/g	Grid Value	1.74E+00	value
14	5	SOU014-044	Technetium-99	1.57E+00	pCi/g	Grid Value	7.80E+01	value
14	5	SOU014-044	Thorium-230	9.20E-01	pCi/g	Grid Value	1.09E+01	value
14	5	SOU014-044	Uranium-234	7.60E-01	pCi/g	Grid Value	4.03E+01	value
14	5	SOU014-044	Uranium-235	6.00E-02	pCi/g	Grid Value	2.57E+00	value
14	5	SOU014-044	Uranium-238	9.80E-01	pCi/g	Grid Value	7.26E+01	value
14	5	SOU014-052	Antimony	1.39E+00	mg/kg	Avg	1.60E+00	value
14	5	SOU014-052	Arsenic	1.08E+01	mg/kg	Avg	1.27E+01	value
14	5	SOU014-052	Beryllium	7.20E-01	mg/kg	Avg	7.93E-01	value
14	5	SOU014-052	Cadmium	1.44E+00	mg/kg	Avg	2.59E+00	value
14	5	SOU014-052	Chromium	5.23E+01	mg/kg	Avg	4.70E+01	value
14	5	SOU014-052	Cobalt	1.04E+01	mg/kg	Avg	1.11E+01	value
14	5	SOU014-052	Copper	9.38E+01	mg/kg	Avg	1.34E+02	value
14	5	SOU014-052	Iron	3.06E+04	mg/kg	Avg	3.93E+04	value
14	5	SOU014-052	Manganese	7.70E+02	mg/kg	Avg	1.06E+03	value
14	5	SOU014-052	Mercury	8.02E+00	mg/kg	Avg	1.09E+01	value
14	5	SOU014-052	Nickel	3.67E+02	mg/kg	Avg	4.63E+02	value
14	5	SOU014-052	PCB, Total	4.67E+00	mg/kg	Avg	7.64E+00	value
14	5	SOU014-052	Silver	9.32E+00	mg/kg	Avg	1.29E+01	value
14	5	SOU014-052	Thallium	3.13E-01	mg/kg	Avg	3.52E-01	value
14	5	SOU014-052	Total PAH	6.46E-02	mg/kg	Avg	9.48E-02	value
14	5	SOU014-052	Uranium	1.93E+02	mg/kg	Avg	2.62E+02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
14	5	SOU014-052	Vanadium	3.45E+01	mg/kg	Avg	3.68E+01	value
14	5	SOU014-052	Neptunium-237	8.72E-01	pCi/g	Avg	1.74E+00	value
14	5	SOU014-052	Technetium-99	5.13E+01	pCi/g	Avg	7.80E+01	value
14	5	SOU014-052	Thorium-230	7.41E+00	pCi/g	Avg	1.09E+01	value
14	5	SOU014-052	Uranium-234	2.65E+01	pCi/g	Avg	4.03E+01	value
14	5	SOU014-052	Uranium-235	1.70E+00	pCi/g	Avg	2.57E+00	value
14	5	SOU014-052	Uranium-238	4.76E+01	pCi/g	Avg	7.26E+01	value
14	5	SOU014-053	Antimony	2.30E+00	mg/kg	Grid Value	1.60E+00	value
14	5	SOU014-053	Arsenic	9.70E+00	mg/kg	Grid Value	1.27E+01	value
14	5	SOU014-053	Beryllium	5.40E-01	mg/kg	Grid Value	7.93E-01	value
14	5	SOU014-053	Cadmium	3.90E+00	mg/kg	Grid Value	2.59E+00	value
14	5	SOU014-053	Chromium	4.47E+01	mg/kg	Grid Value	4.70E+01	value
14	5	SOU014-053	Cobalt	1.40E+01	mg/kg	Grid Value	1.11E+01	value
14	5	SOU014-053	Copper	1.98E+02	mg/kg	Grid Value	1.34E+02	value
14	5	SOU014-053	Iron	5.46E+04	mg/kg	Grid Value	3.93E+04	value
14	5	SOU014-053	Manganese	1.02E+03	mg/kg	Grid Value	1.06E+03	value
14	5	SOU014-053	Mercury	1.79E-01	mg/kg	Grid Value	1.09E+01	value
14	5	SOU014-053	Nickel	5.31E+02	mg/kg	Grid Value	4.63E+02	value
14	5	SOU014-053	PCB, Total	1.00E+00	mg/kg	Grid Value	7.64E+00	value
14	5	SOU014-053	Silver	9.92E+00	mg/kg	Grid Value	1.29E+01	value
14	5	SOU014-053	Thallium	4.10E-01	mg/kg	Grid Value	3.52E-01	value
14	5	SOU014-053	Total PAH	1.21E-01	mg/kg	Grid Value	9.48E-02	value
14	5	SOU014-053	Uranium	3.92E+02	mg/kg	Grid Value	2.62E+02	value
14	5	SOU014-053	Vanadium	2.84E+01	mg/kg	Grid Value	3.68E+01	value
14	5	SOU014-053	Neptunium-237	1.74E+00	pCi/g	Grid Value	1.74E+00	value
14	5	SOU014-053	Technetium-99	1.01E+02	pCi/g	Grid Value	7.80E+01	value
14	5	SOU014-053	Thorium-230	1.39E+01	pCi/g	Grid Value	1.09E+01	value
14	5	SOU014-053	Uranium-234	5.22E+01	pCi/g	Grid Value	4.03E+01	value
14	5	SOU014-053	Uranium-235	3.33E+00	pCi/g	Grid Value	2.57E+00	value
14	5	SOU014-053	Uranium-238	9.42E+01	pCi/g	Grid Value	7.26E+01	value
14	5	SOU014-054	Antimony	1.39E+00	mg/kg	Avg	1.60E+00	value
14	5	SOU014-054	Arsenic	1.06E+01	mg/kg	Grid Value	1.27E+01	value
14	5	SOU014-054	Beryllium	7.20E-01	mg/kg	Avg	7.93E-01	value
14	5	SOU014-054	Cadmium	1.44E+00	mg/kg	Avg	2.59E+00	value
14	5	SOU014-054	Chromium	8.50E+01	mg/kg	Grid Value	4.70E+01	value
14	5	SOU014-054	Cobalt	1.04E+01	mg/kg	Avg	1.11E+01	value
14	5	SOU014-054	Copper	7.62E+01	mg/kg	Grid Value	1.34E+02	value
14	5	SOU014-054	Iron	3.15E+04	mg/kg	Grid Value	3.93E+04	value
14	5	SOU014-054	Manganese	5.45E+02	mg/kg	Grid Value	1.06E+03	value
14	5	SOU014-054	Mercury	1.00E+01	mg/kg	Grid Value	1.09E+01	value
14	5	SOU014-054	Nickel	3.92E+02	mg/kg	Grid Value	4.63E+02	value
14	5	SOU014-054	PCB, Total	5.00E+00	mg/kg	Grid Value	7.64E+00	value
14	5	SOU014-054	Silver	1.00E+01	mg/kg	Grid Value	1.29E+01	value
14	5	SOU014-054	Thallium	3.13E-01	mg/kg	Avg	3.52E-01	value
14	5	SOU014-054	Total PAH	6.46E-02	mg/kg	Avg	9.48E-02	value
14	5	SOU014-054	Uranium	2.61E+02	mg/kg	Grid Value	2.62E+02	value
14	5	SOU014-054	Vanadium	3.45E+01	mg/kg	Avg	3.68E+01	value
14	5	SOU014-054	Neptunium-237	8.72E-01	pCi/g	Avg	1.74E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
14	5	SOU014-054	Technetium-99	5.13E+01	pCi/g	Avg	7.80E+01	value
14	5	SOU014-054	Thorium-230	7.41E+00	pCi/g	Avg	1.09E+01	value
14	5	SOU014-054	Uranium-234	2.65E+01	pCi/g	Avg	4.03E+01	value
14	5	SOU014-054	Uranium-235	1.70E+00	pCi/g	Avg	2.57E+00	value
14	5	SOU014-054	Uranium-238	4.76E+01	pCi/g	Avg	7.26E+01	value
14	5	SOU014-055	Antimony	1.50E+00	mg/kg	Grid Value	1.60E+00	value
14	5	SOU014-055	Arsenic	1.73E+01	mg/kg	Grid Value	1.27E+01	value
14	5	SOU014-055	Beryllium	1.10E+00	mg/kg	Grid Value	7.93E-01	value
14	5	SOU014-055	Cadmium	3.50E-01	mg/kg	Grid Value	2.59E+00	value
14	5	SOU014-055	Chromium	4.68E+01	mg/kg	Grid Value	4.70E+01	value
14	5	SOU014-055	Cobalt	8.70E+00	mg/kg	Grid Value	1.11E+01	value
14	5	SOU014-055	Copper	9.63E+01	mg/kg	Grid Value	1.34E+02	value
14	5	SOU014-055	Iron	3.66E+04	mg/kg	Grid Value	3.93E+04	value
14	5	SOU014-055	Manganese	1.76E+03	mg/kg	Grid Value	1.06E+03	value
14	5	SOU014-055	Mercury	7.06E+00	mg/kg	Grid Value	1.09E+01	value
14	5	SOU014-055	Nickel	2.49E+02	mg/kg	Grid Value	4.63E+02	value
14	5	SOU014-055	PCB, Total	5.00E+00	mg/kg	Grid Value	7.64E+00	value
14	5	SOU014-055	Silver	1.29E+01	mg/kg	Grid Value	1.29E+01	value
14	5	SOU014-055	Thallium	1.10E-01	mg/kg	Grid Value	3.52E-01	value
14	5	SOU014-055	Total PAH	6.46E-02	mg/kg	Avg	9.48E-02	value
14	5	SOU014-055	Uranium	1.22E+02	mg/kg	Grid Value	2.62E+02	value
14	5	SOU014-055	Vanadium	4.65E+01	mg/kg	Grid Value	3.68E+01	value
14	5	SOU014-055	Neptunium-237	8.72E-01	pCi/g	Avg	1.74E+00	value
14	5	SOU014-055	Technetium-99	5.13E+01	pCi/g	Avg	7.80E+01	value
14	5	SOU014-055	Thorium-230	7.41E+00	pCi/g	Avg	1.09E+01	value
14	5	SOU014-055	Uranium-234	2.65E+01	pCi/g	Avg	4.03E+01	value
14	5	SOU014-055	Uranium-235	1.70E+00	pCi/g	Avg	2.57E+00	value
14	5	SOU014-055	Uranium-238	4.76E+01	pCi/g	Avg	7.26E+01	value
14	5	SOU014-063	Antimony	1.39E+00	mg/kg	Avg	1.60E+00	value
14	5	SOU014-063	Arsenic	6.75E+00	mg/kg	Grid Value	1.27E+01	value
14	5	SOU014-063	Beryllium	7.20E-01	mg/kg	Avg	7.93E-01	value
14	5	SOU014-063	Cadmium	1.44E+00	mg/kg	Avg	2.59E+00	value
14	5	SOU014-063	Chromium	4.30E+01	mg/kg	Grid Value	4.70E+01	value
14	5	SOU014-063	Cobalt	1.04E+01	mg/kg	Avg	1.11E+01	value
14	5	SOU014-063	Copper	2.82E+01	mg/kg	Grid Value	1.34E+02	value
14	5	SOU014-063	Iron	1.28E+04	mg/kg	Grid Value	3.93E+04	value
14	5	SOU014-063	Manganese	3.37E+02	mg/kg	Grid Value	1.06E+03	value
14	5	SOU014-063	Mercury	1.00E+01	mg/kg	Grid Value	1.09E+01	value
14	5	SOU014-063	Nickel	1.37E+02	mg/kg	Grid Value	4.63E+02	value
14	5	SOU014-063	PCB, Total	5.00E+00	mg/kg	Grid Value	7.64E+00	value
14	5	SOU014-063	Silver	9.69E+00	mg/kg	Grid Value	1.29E+01	value
14	5	SOU014-063	Thallium	3.13E-01	mg/kg	Avg	3.52E-01	value
14	5	SOU014-063	Total PAH	6.46E-02	mg/kg	Avg	9.48E-02	value
14	5	SOU014-063	Uranium	7.04E+01	mg/kg	Grid Value	2.62E+02	value
14	5	SOU014-063	Vanadium	3.45E+01	mg/kg	Avg	3.68E+01	value
14	5	SOU014-063	Neptunium-237	8.72E-01	pCi/g	Avg	1.74E+00	value
14	5	SOU014-063	Technetium-99	5.13E+01	pCi/g	Avg	7.80E+01	value
14	5	SOU014-063	Thorium-230	7.41E+00	pCi/g	Avg	1.09E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
14	5	SOU014-063	Uranium-234	2.65E+01	pCi/g	Avg	4.03E+01	value
14	5	SOU014-063	Uranium-235	1.70E+00	pCi/g	Avg	2.57E+00	value
14	5	SOU014-063	Uranium-238	4.76E+01	pCi/g	Avg	7.26E+01	value
14	5	SOU014-064	Antimony	1.39E+00	mg/kg	Avg	1.60E+00	value
14	5	SOU014-064	Arsenic	6.83E+00	mg/kg	Grid Value	1.27E+01	value
14	5	SOU014-064	Beryllium	7.20E-01	mg/kg	Avg	7.93E-01	value
14	5	SOU014-064	Cadmium	1.44E+00	mg/kg	Avg	2.59E+00	value
14	5	SOU014-064	Chromium	4.58E+01	mg/kg	Grid Value	4.70E+01	value
14	5	SOU014-064	Cobalt	1.04E+01	mg/kg	Avg	1.11E+01	value
14	5	SOU014-064	Copper	3.98E+01	mg/kg	Grid Value	1.34E+02	value
14	5	SOU014-064	Iron	1.60E+04	mg/kg	Grid Value	3.93E+04	value
14	5	SOU014-064	Manganese	4.08E+02	mg/kg	Grid Value	1.06E+03	value
14	5	SOU014-064	Mercury	1.00E+01	mg/kg	Grid Value	1.09E+01	value
14	5	SOU014-064	Nickel	3.42E+02	mg/kg	Grid Value	4.63E+02	value
14	5	SOU014-064	PCB, Total	5.00E+00	mg/kg	Grid Value	7.64E+00	value
14	5	SOU014-064	Silver	1.00E+01	mg/kg	Grid Value	1.29E+01	value
14	5	SOU014-064	Thallium	3.13E-01	mg/kg	Avg	3.52E-01	value
14	5	SOU014-064	Total PAH	6.46E-02	mg/kg	Avg	9.48E-02	value
14	5	SOU014-064	Uranium	9.88E+01	mg/kg	Grid Value	2.62E+02	value
14	5	SOU014-064	Vanadium	3.45E+01	mg/kg	Avg	3.68E+01	value
14	5	SOU014-064	Neptunium-237	8.72E-01	pCi/g	Avg	1.74E+00	value
14	5	SOU014-064	Technetium-99	5.13E+01	pCi/g	Avg	7.80E+01	value
14	5	SOU014-064	Thorium-230	7.41E+00	pCi/g	Avg	1.09E+01	value
14	5	SOU014-064	Uranium-234	2.65E+01	pCi/g	Avg	4.03E+01	value
14	5	SOU014-064	Uranium-235	1.70E+00	pCi/g	Avg	2.57E+00	value
14	5	SOU014-064	Uranium-238	4.76E+01	pCi/g	Avg	7.26E+01	value
14	5	SOU014-065	Antimony	1.39E+00	mg/kg	Avg	1.60E+00	value
14	5	SOU014-065	Arsenic	1.10E+01	mg/kg	Grid Value	1.27E+01	value
14	5	SOU014-065	Beryllium	7.20E-01	mg/kg	Avg	7.93E-01	value
14	5	SOU014-065	Cadmium	1.44E+00	mg/kg	Avg	2.59E+00	value
14	5	SOU014-065	Chromium	4.16E+01	mg/kg	Grid Value	4.70E+01	value
14	5	SOU014-065	Cobalt	1.04E+01	mg/kg	Avg	1.11E+01	value
14	5	SOU014-065	Copper	1.04E+02	mg/kg	Grid Value	1.34E+02	value
14	5	SOU014-065	Iron	2.30E+04	mg/kg	Grid Value	3.93E+04	value
14	5	SOU014-065	Manganese	5.75E+02	mg/kg	Grid Value	1.06E+03	value
14	5	SOU014-065	Mercury	1.00E+01	mg/kg	Grid Value	1.09E+01	value
14	5	SOU014-065	Nickel	3.50E+02	mg/kg	Grid Value	4.63E+02	value
14	5	SOU014-065	PCB, Total	1.00E+01	mg/kg	Grid Value	7.64E+00	value
14	5	SOU014-065	Silver	1.00E+01	mg/kg	Grid Value	1.29E+01	value
14	5	SOU014-065	Thallium	3.13E-01	mg/kg	Avg	3.52E-01	value
14	5	SOU014-065	Total PAH	6.46E-02	mg/kg	Avg	9.48E-02	value
14	5	SOU014-065	Uranium	1.48E+02	mg/kg	Grid Value	2.62E+02	value
14	5	SOU014-065	Vanadium	3.45E+01	mg/kg	Avg	3.68E+01	value
14	5	SOU014-065	Neptunium-237	8.72E-01	pCi/g	Avg	1.74E+00	value
14	5	SOU014-065	Technetium-99	5.13E+01	pCi/g	Avg	7.80E+01	value
14	5	SOU014-065	Thorium-230	7.41E+00	pCi/g	Avg	1.09E+01	value
14	5	SOU014-065	Uranium-234	2.65E+01	pCi/g	Avg	4.03E+01	value
14	5	SOU014-065	Uranium-235	1.70E+00	pCi/g	Avg	2.57E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
14	5	SOU014-065	Uranium-238	4.76E+01	pCi/g	Avg	7.26E+01	value
14	5	SOU014-066	Antimony	1.39E+00	mg/kg	Avg	1.60E+00	value
14	5	SOU014-066	Arsenic	1.10E+01	mg/kg	Grid Value	1.27E+01	value
14	5	SOU014-066	Beryllium	7.20E-01	mg/kg	Avg	7.93E-01	value
14	5	SOU014-066	Cadmium	1.44E+00	mg/kg	Avg	2.59E+00	value
14	5	SOU014-066	Chromium	3.56E+01	mg/kg	Grid Value	4.70E+01	value
14	5	SOU014-066	Cobalt	1.04E+01	mg/kg	Avg	1.11E+01	value
14	5	SOU014-066	Copper	3.50E+01	mg/kg	Grid Value	1.34E+02	value
14	5	SOU014-066	Iron	8.81E+03	mg/kg	Grid Value	3.93E+04	value
14	5	SOU014-066	Manganese	3.01E+02	mg/kg	Grid Value	1.06E+03	value
14	5	SOU014-066	Mercury	1.00E+01	mg/kg	Grid Value	1.09E+01	value
14	5	SOU014-066	Nickel	1.23E+02	mg/kg	Grid Value	4.63E+02	value
14	5	SOU014-066	PCB, Total	5.00E+00	mg/kg	Grid Value	7.64E+00	value
14	5	SOU014-066	Silver	1.00E+01	mg/kg	Grid Value	1.29E+01	value
14	5	SOU014-066	Thallium	3.13E-01	mg/kg	Avg	3.52E-01	value
14	5	SOU014-066	Total PAH	6.46E-02	mg/kg	Avg	9.48E-02	value
14	5	SOU014-066	Uranium	2.43E+01	mg/kg	Grid Value	2.62E+02	value
14	5	SOU014-066	Vanadium	3.45E+01	mg/kg	Avg	3.68E+01	value
14	5	SOU014-066	Neptunium-237	8.72E-01	pCi/g	Avg	1.74E+00	value
14	5	SOU014-066	Technetium-99	5.13E+01	pCi/g	Avg	7.80E+01	value
14	5	SOU014-066	Thorium-230	7.41E+00	pCi/g	Avg	1.09E+01	value
14	5	SOU014-066	Uranium-234	2.65E+01	pCi/g	Avg	4.03E+01	value
14	5	SOU014-066	Uranium-235	1.70E+00	pCi/g	Avg	2.57E+00	value
14	5	SOU014-066	Uranium-238	4.76E+01	pCi/g	Avg	7.26E+01	value
14	6	SOU014-056	Antimony	1.47E+00	mg/kg	Avg	2.13E+00	value
14	6	SOU014-056	Arsenic	7.69E+00	mg/kg	Grid Value	1.05E+01	value
14	6	SOU014-056	Cadmium	4.45E-01	mg/kg	Avg	6.57E-01	value
14	6	SOU014-056	Chromium	8.50E+01	mg/kg	Grid Value	4.39E+02	value
14	6	SOU014-056	Copper	5.72E+01	mg/kg	Grid Value	1.22E+02	value
14	6	SOU014-056	Manganese	8.66E+02	mg/kg	Grid Value	6.55E+02	value
14	6	SOU014-056	Mercury	1.00E+01	mg/kg	Grid Value	3.47E-01	value
14	6	SOU014-056	Nickel	3.45E+02	mg/kg	Grid Value	9.63E+02	value
14	6	SOU014-056	PCB, Total	5.00E+00	mg/kg	Grid Value	5.00E+00	value
14	6	SOU014-056	Silver	1.00E+01	mg/kg	Grid Value	1.47E+01	value
14	6	SOU014-056	Uranium	6.80E+02	mg/kg	Grid Value	5.77E+02	value
14	6	SOU014-056	Neptunium-237	1.33E+00	pCi/g	Avg	2.04E+00	value
14	6	SOU014-056	Uranium-234	2.36E+01	pCi/g	Avg	2.59E+01	value
14	6	SOU014-056	Uranium-235	1.65E+00	pCi/g	Avg	1.79E+00	value
14	6	SOU014-056	Uranium-238	3.84E+01	pCi/g	Avg	4.11E+01	value
14	6	SOU014-057	Antimony	1.47E+00	mg/kg	Avg	2.13E+00	value
14	6	SOU014-057	Arsenic	6.82E+00	mg/kg	Grid Value	1.05E+01	value
14	6	SOU014-057	Cadmium	4.45E-01	mg/kg	Avg	6.57E-01	value
14	6	SOU014-057	Chromium	8.50E+01	mg/kg	Grid Value	4.39E+02	value
14	6	SOU014-057	Copper	5.83E+01	mg/kg	Grid Value	1.22E+02	value
14	6	SOU014-057	Manganese	7.02E+02	mg/kg	Grid Value	6.55E+02	value
14	6	SOU014-057	Mercury	1.00E+01	mg/kg	Grid Value	3.47E-01	value
14	6	SOU014-057	Nickel	1.76E+02	mg/kg	Grid Value	9.63E+02	value
14	6	SOU014-057	PCB, Total	5.00E+00	mg/kg	Grid Value	5.00E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
14	6	SOU014-057	Silver	9.66E+00	mg/kg	Grid Value	1.47E+01	value
14	6	SOU014-057	Uranium	2.90E+02	mg/kg	Grid Value	5.77E+02	value
14	6	SOU014-057	Neptunium-237	1.33E+00	pCi/g	Avg	2.04E+00	value
14	6	SOU014-057	Uranium-234	2.36E+01	pCi/g	Avg	2.59E+01	value
14	6	SOU014-057	Uranium-235	1.65E+00	pCi/g	Avg	1.79E+00	value
14	6	SOU014-057	Uranium-238	3.84E+01	pCi/g	Avg	4.11E+01	value
14	6	SOU014-058	Antimony	1.47E+00	mg/kg	Avg	2.13E+00	value
14	6	SOU014-058	Arsenic	1.10E+01	mg/kg	Grid Value	1.05E+01	value
14	6	SOU014-058	Cadmium	4.45E-01	mg/kg	Avg	6.57E-01	value
14	6	SOU014-058	Chromium	8.50E+01	mg/kg	Grid Value	4.39E+02	value
14	6	SOU014-058	Copper	9.38E+01	mg/kg	Grid Value	1.22E+02	value
14	6	SOU014-058	Manganese	4.61E+02	mg/kg	Grid Value	6.55E+02	value
14	6	SOU014-058	Mercury	1.00E+01	mg/kg	Grid Value	3.47E-01	value
14	6	SOU014-058	Nickel	8.98E+02	mg/kg	Grid Value	9.63E+02	value
14	6	SOU014-058	PCB, Total	5.00E+00	mg/kg	Grid Value	5.00E+00	value
14	6	SOU014-058	Silver	1.00E+01	mg/kg	Grid Value	1.47E+01	value
14	6	SOU014-058	Uranium	8.46E+02	mg/kg	Grid Value	5.77E+02	value
14	6	SOU014-058	Neptunium-237	1.33E+00	pCi/g	Avg	2.04E+00	value
14	6	SOU014-058	Uranium-234	2.36E+01	pCi/g	Avg	2.59E+01	value
14	6	SOU014-058	Uranium-235	1.65E+00	pCi/g	Avg	1.79E+00	value
14	6	SOU014-058	Uranium-238	3.84E+01	pCi/g	Avg	4.11E+01	value
14	6	SOU014-059	Antimony	1.47E+00	mg/kg	Avg	2.13E+00	value
14	6	SOU014-059	Arsenic	1.10E+01	mg/kg	Grid Value	1.05E+01	value
14	6	SOU014-059	Cadmium	4.45E-01	mg/kg	Avg	6.57E-01	value
14	6	SOU014-059	Chromium	6.30E+01	mg/kg	Grid Value	4.39E+02	value
14	6	SOU014-059	Copper	1.47E+02	mg/kg	Grid Value	1.22E+02	value
14	6	SOU014-059	Manganese	5.38E+02	mg/kg	Grid Value	6.55E+02	value
14	6	SOU014-059	Mercury	1.00E+01	mg/kg	Grid Value	3.47E-01	value
14	6	SOU014-059	Nickel	2.84E+02	mg/kg	Grid Value	9.63E+02	value
14	6	SOU014-059	PCB, Total	5.00E+00	mg/kg	Grid Value	5.00E+00	value
14	6	SOU014-059	Silver	1.00E+01	mg/kg	Grid Value	1.47E+01	value
14	6	SOU014-059	Uranium	1.92E+02	mg/kg	Grid Value	5.77E+02	value
14	6	SOU014-059	Neptunium-237	1.33E+00	pCi/g	Avg	2.04E+00	value
14	6	SOU014-059	Uranium-234	2.36E+01	pCi/g	Avg	2.59E+01	value
14	6	SOU014-059	Uranium-235	1.65E+00	pCi/g	Avg	1.79E+00	value
14	6	SOU014-059	Uranium-238	3.84E+01	pCi/g	Avg	4.11E+01	value
14	6	SOU014-067	Antimony	1.47E+00	mg/kg	Avg	2.13E+00	value
14	6	SOU014-067	Arsenic	1.10E+01	mg/kg	Grid Value	1.05E+01	value
14	6	SOU014-067	Cadmium	4.45E-01	mg/kg	Avg	6.57E-01	value
14	6	SOU014-067	Chromium	8.50E+01	mg/kg	Grid Value	4.39E+02	value
14	6	SOU014-067	Copper	8.78E+01	mg/kg	Grid Value	1.22E+02	value
14	6	SOU014-067	Manganese	6.12E+02	mg/kg	Grid Value	6.55E+02	value
14	6	SOU014-067	Mercury	1.00E+01	mg/kg	Grid Value	3.47E-01	value
14	6	SOU014-067	Nickel	1.62E+03	mg/kg	Grid Value	9.63E+02	value
14	6	SOU014-067	PCB, Total	5.00E+00	mg/kg	Grid Value	5.00E+00	value
14	6	SOU014-067	Silver	1.00E+01	mg/kg	Grid Value	1.47E+01	value
14	6	SOU014-067	Uranium	8.65E+02	mg/kg	Grid Value	5.77E+02	value
14	6	SOU014-067	Neptunium-237	1.33E+00	pCi/g	Avg	2.04E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
14	6	SOU014-067	Uranium-234	2.36E+01	pCi/g	Avg	2.59E+01	value
14	6	SOU014-067	Uranium-235	1.65E+00	pCi/g	Avg	1.79E+00	value
14	6	SOU014-067	Uranium-238	3.84E+01	pCi/g	Avg	4.11E+01	value
14	6	SOU014-068	Antimony	1.47E+00	mg/kg	Avg	2.13E+00	value
14	6	SOU014-068	Arsenic	1.10E+01	mg/kg	Grid Value	1.05E+01	value
14	6	SOU014-068	Cadmium	4.45E-01	mg/kg	Avg	6.57E-01	value
14	6	SOU014-068	Chromium	8.50E+01	mg/kg	Grid Value	4.39E+02	value
14	6	SOU014-068	Copper	2.15E+01	mg/kg	Grid Value	1.22E+02	value
14	6	SOU014-068	Manganese	2.80E+02	mg/kg	Grid Value	6.55E+02	value
14	6	SOU014-068	Mercury	1.00E+01	mg/kg	Grid Value	3.47E-01	value
14	6	SOU014-068	Nickel	5.46E+02	mg/kg	Grid Value	9.63E+02	value
14	6	SOU014-068	PCB, Total	5.00E+00	mg/kg	Grid Value	5.00E+00	value
14	6	SOU014-068	Silver	1.00E+01	mg/kg	Grid Value	1.47E+01	value
14	6	SOU014-068	Uranium	5.18E+02	mg/kg	Grid Value	5.77E+02	value
14	6	SOU014-068	Neptunium-237	1.33E+00	pCi/g	Avg	2.04E+00	value
14	6	SOU014-068	Uranium-234	2.36E+01	pCi/g	Avg	2.59E+01	value
14	6	SOU014-068	Uranium-235	1.65E+00	pCi/g	Avg	1.79E+00	value
14	6	SOU014-068	Uranium-238	3.84E+01	pCi/g	Avg	4.11E+01	value
14	6	SOU014-069	Antimony	1.47E+00	mg/kg	Avg	2.13E+00	value
14	6	SOU014-069	Arsenic	7.48E+00	mg/kg	Grid Value	1.05E+01	value
14	6	SOU014-069	Cadmium	4.45E-01	mg/kg	Avg	6.57E-01	value
14	6	SOU014-069	Chromium	8.50E+01	mg/kg	Grid Value	4.39E+02	value
14	6	SOU014-069	Copper	3.50E+01	mg/kg	Grid Value	1.22E+02	value
14	6	SOU014-069	Manganese	3.36E+02	mg/kg	Grid Value	6.55E+02	value
14	6	SOU014-069	Mercury	1.00E+01	mg/kg	Grid Value	3.47E-01	value
14	6	SOU014-069	Nickel	2.84E+02	mg/kg	Grid Value	9.63E+02	value
14	6	SOU014-069	PCB, Total	5.00E+00	mg/kg	Grid Value	5.00E+00	value
14	6	SOU014-069	Silver	1.00E+01	mg/kg	Grid Value	1.47E+01	value
14	6	SOU014-069	Uranium	3.80E+02	mg/kg	Grid Value	5.77E+02	value
14	6	SOU014-069	Neptunium-237	1.33E+00	pCi/g	Avg	2.04E+00	value
14	6	SOU014-069	Uranium-234	2.36E+01	pCi/g	Avg	2.59E+01	value
14	6	SOU014-069	Uranium-235	1.65E+00	pCi/g	Avg	1.79E+00	value
14	6	SOU014-069	Uranium-238	3.84E+01	pCi/g	Avg	4.11E+01	value
14	6	SOU014-070	Antimony	2.30E-01	mg/kg	Grid Value	2.13E+00	value
14	6	SOU014-070	Arsenic	8.00E+00	mg/kg	Grid Value	1.05E+01	value
14	6	SOU014-070	Cadmium	5.00E-02	mg/kg	Grid Value	6.57E-01	value
14	6	SOU014-070	Chromium	1.31E+01	mg/kg	Grid Value	4.39E+02	value
14	6	SOU014-070	Copper	2.07E+02	mg/kg	Grid Value	1.22E+02	value
14	6	SOU014-070	Manganese	4.67E+02	mg/kg	Grid Value	6.55E+02	value
14	6	SOU014-070	Mercury	4.96E-02	mg/kg	Grid Value	3.47E-01	value
14	6	SOU014-070	Nickel	7.61E+02	mg/kg	Grid Value	9.63E+02	value
14	6	SOU014-070	PCB, Total	3.30E-01	mg/kg	Grid Value	5.00E+00	value
14	6	SOU014-070	Silver	6.60E-02	mg/kg	Grid Value	1.47E+01	value
14	6	SOU014-070	Uranium	3.50E+02	mg/kg	Grid Value	5.77E+02	value
14	6	SOU014-070	Neptunium-237	1.00E-02	pCi/g	Grid Value	2.04E+00	value
14	6	SOU014-070	Uranium-234	1.31E+01	pCi/g	Grid Value	2.59E+01	value
14	6	SOU014-070	Uranium-235	1.03E+00	pCi/g	Grid Value	1.79E+00	value
14	6	SOU014-070	Uranium-238	2.59E+01	pCi/g	Grid Value	4.11E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
14	6	SOU014-078	Antimony	1.47E+00	mg/kg	Avg	2.13E+00	value
14	6	SOU014-078	Arsenic	7.81E+00	mg/kg	Grid Value	1.05E+01	value
14	6	SOU014-078	Cadmium	4.45E-01	mg/kg	Avg	6.57E-01	value
14	6	SOU014-078	Chromium	5.35E+01	mg/kg	Grid Value	4.39E+02	value
14	6	SOU014-078	Copper	7.01E+01	mg/kg	Grid Value	1.22E+02	value
14	6	SOU014-078	Manganese	5.66E+02	mg/kg	Grid Value	6.55E+02	value
14	6	SOU014-078	Mercury	1.00E+01	mg/kg	Grid Value	3.47E-01	value
14	6	SOU014-078	Nickel	1.06E+03	mg/kg	Grid Value	9.63E+02	value
14	6	SOU014-078	PCB, Total	5.00E+00	mg/kg	Grid Value	5.00E+00	value
14	6	SOU014-078	Silver	1.66E+01	mg/kg	Grid Value	1.47E+01	value
14	6	SOU014-078	Uranium	1.46E+02	mg/kg	Grid Value	5.77E+02	value
14	6	SOU014-078	Neptunium-237	1.33E+00	pCi/g	Avg	2.04E+00	value
14	6	SOU014-078	Uranium-234	2.36E+01	pCi/g	Avg	2.59E+01	value
14	6	SOU014-078	Uranium-235	1.65E+00	pCi/g	Avg	1.79E+00	value
14	6	SOU014-078	Uranium-238	3.84E+01	pCi/g	Avg	4.11E+01	value
14	6	SOU014-079	Antimony	2.70E+00	mg/kg	Grid Value	2.13E+00	value
14	6	SOU014-079	Arsenic	1.13E+01	mg/kg	Grid Value	1.05E+01	value
14	6	SOU014-079	Cadmium	8.40E-01	mg/kg	Grid Value	6.57E-01	value
14	6	SOU014-079	Chromium	8.98E+02	mg/kg	Grid Value	4.39E+02	value
14	6	SOU014-079	Copper	5.44E+01	mg/kg	Grid Value	1.22E+02	value
14	6	SOU014-079	Manganese	9.33E+02	mg/kg	Grid Value	6.55E+02	value
14	6	SOU014-079	Mercury	3.47E-01	mg/kg	Grid Value	3.47E-01	value
14	6	SOU014-079	Nickel	1.23E+03	mg/kg	Grid Value	9.63E+02	value
14	6	SOU014-079	PCB, Total	6.70E-01	mg/kg	Grid Value	5.00E+00	value
14	6	SOU014-079	Silver	1.32E+01	mg/kg	Grid Value	1.47E+01	value
14	6	SOU014-079	Uranium	2.50E+02	mg/kg	Grid Value	5.77E+02	value
14	6	SOU014-079	Neptunium-237	2.65E+00	pCi/g	Grid Value	2.04E+00	value
14	6	SOU014-079	Uranium-234	3.41E+01	pCi/g	Grid Value	2.59E+01	value
14	6	SOU014-079	Uranium-235	2.27E+00	pCi/g	Grid Value	1.79E+00	value
14	6	SOU014-079	Uranium-238	5.08E+01	pCi/g	Grid Value	4.11E+01	value
14	6	SOU014-080	Antimony	1.47E+00	mg/kg	Avg	2.13E+00	value
14	6	SOU014-080	Arsenic	1.07E+01	mg/kg	Grid Value	1.05E+01	value
14	6	SOU014-080	Cadmium	4.45E-01	mg/kg	Avg	6.57E-01	value
14	6	SOU014-080	Chromium	6.19E+01	mg/kg	Grid Value	4.39E+02	value
14	6	SOU014-080	Copper	1.79E+02	mg/kg	Grid Value	1.22E+02	value
14	6	SOU014-080	Manganese	4.95E+02	mg/kg	Grid Value	6.55E+02	value
14	6	SOU014-080	Mercury	1.00E+01	mg/kg	Grid Value	3.47E-01	value
14	6	SOU014-080	Nickel	1.05E+03	mg/kg	Grid Value	9.63E+02	value
14	6	SOU014-080	PCB, Total	5.00E+00	mg/kg	Grid Value	5.00E+00	value
14	6	SOU014-080	Silver	1.00E+01	mg/kg	Grid Value	1.47E+01	value
14	6	SOU014-080	Uranium	2.08E+02	mg/kg	Grid Value	5.77E+02	value
14	6	SOU014-080	Neptunium-237	1.33E+00	pCi/g	Avg	2.04E+00	value
14	6	SOU014-080	Uranium-234	2.36E+01	pCi/g	Avg	2.59E+01	value
14	6	SOU014-080	Uranium-235	1.65E+00	pCi/g	Avg	1.79E+00	value
14	6	SOU014-080	Uranium-238	3.84E+01	pCi/g	Avg	4.11E+01	value
14	6	SOU014-081	Antimony	1.47E+00	mg/kg	Avg	2.13E+00	value
14	6	SOU014-081	Arsenic	1.10E+01	mg/kg	Grid Value	1.05E+01	value
14	6	SOU014-081	Cadmium	4.45E-01	mg/kg	Avg	6.57E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
14	6	SOU014-081	Chromium	3.76E+01	mg/kg	Grid Value	4.39E+02	value
14	6	SOU014-081	Copper	9.85E+01	mg/kg	Grid Value	1.22E+02	value
14	6	SOU014-081	Manganese	3.24E+02	mg/kg	Grid Value	6.55E+02	value
14	6	SOU014-081	Mercury	1.00E+01	mg/kg	Grid Value	3.47E-01	value
14	6	SOU014-081	Nickel	5.17E+02	mg/kg	Grid Value	9.63E+02	value
14	6	SOU014-081	PCB, Total	5.00E+00	mg/kg	Grid Value	5.00E+00	value
14	6	SOU014-081	Silver	1.00E+01	mg/kg	Grid Value	1.47E+01	value
14	6	SOU014-081	Uranium	2.11E+02	mg/kg	Grid Value	5.77E+02	value
14	6	SOU014-081	Neptunium-237	1.33E+00	pCi/g	Avg	2.04E+00	value
14	6	SOU014-081	Uranium-234	2.36E+01	pCi/g	Avg	2.59E+01	value
14	6	SOU014-081	Uranium-235	1.65E+00	pCi/g	Avg	1.79E+00	value
14	6	SOU014-081	Uranium-238	3.84E+01	pCi/g	Avg	4.11E+01	value
14	7	SOU014-062	Antimony	5.60E-01	mg/kg	Avg	6.02E-01	value
14	7	SOU014-062	Arsenic	1.10E+01	mg/kg	Grid Value	1.12E+01	value
14	7	SOU014-062	Cadmium	1.43E+00	mg/kg	Avg	2.11E+00	value
14	7	SOU014-062	Chromium	8.50E+01	mg/kg	Grid Value	6.46E+01	value
14	7	SOU014-062	Lead	1.99E+01	mg/kg	Grid Value	4.36E+02	value
14	7	SOU014-062	Manganese	3.41E+02	mg/kg	Grid Value	5.99E+02	value
14	7	SOU014-062	Mercury	1.00E+01	mg/kg	Grid Value	7.82E+00	value
14	7	SOU014-062	Nickel	1.58E+02	mg/kg	Grid Value	1.22E+03	value
14	7	SOU014-062	PCB, Total	5.00E+00	mg/kg	Grid Value	7.60E+00	value
14	7	SOU014-062	Silver	1.00E+01	mg/kg	Grid Value	1.63E+01	value
14	7	SOU014-062	Total PAH	4.47E-02	mg/kg	Avg	4.88E-02	value
14	7	SOU014-062	Uranium	1.09E+02	mg/kg	Grid Value	3.33E+02	value
14	7	SOU014-062	Neptunium-237	7.80E-01	pCi/g	Avg	1.16E+00	value
14	7	SOU014-062	Uranium-234	9.03E+00	pCi/g	Avg	9.86E+00	value
14	7	SOU014-062	Uranium-235	6.63E-01	pCi/g	Avg	7.29E-01	value
14	7	SOU014-062	Uranium-238	1.46E+01	pCi/g	Avg	1.60E+01	value
14	7	SOU014-071	Antimony	5.60E-01	mg/kg	Avg	6.02E-01	value
14	7	SOU014-071	Arsenic	1.10E+01	mg/kg	Grid Value	1.12E+01	value
14	7	SOU014-071	Cadmium	1.43E+00	mg/kg	Avg	2.11E+00	value
14	7	SOU014-071	Chromium	8.50E+01	mg/kg	Grid Value	6.46E+01	value
14	7	SOU014-071	Lead	2.34E+01	mg/kg	Grid Value	4.36E+02	value
14	7	SOU014-071	Manganese	3.09E+02	mg/kg	Grid Value	5.99E+02	value
14	7	SOU014-071	Mercury	1.00E+01	mg/kg	Grid Value	7.82E+00	value
14	7	SOU014-071	Nickel	1.88E+03	mg/kg	Grid Value	1.22E+03	value
14	7	SOU014-071	PCB, Total	5.00E+00	mg/kg	Grid Value	7.60E+00	value
14	7	SOU014-071	Silver	1.00E+01	mg/kg	Grid Value	1.63E+01	value
14	7	SOU014-071	Total PAH	4.47E-02	mg/kg	Avg	4.88E-02	value
14	7	SOU014-071	Uranium	2.69E+02	mg/kg	Grid Value	3.33E+02	value
14	7	SOU014-071	Neptunium-237	7.80E-01	pCi/g	Avg	1.16E+00	value
14	7	SOU014-071	Uranium-234	9.03E+00	pCi/g	Avg	9.86E+00	value
14	7	SOU014-071	Uranium-235	6.63E-01	pCi/g	Avg	7.29E-01	value
14	7	SOU014-071	Uranium-238	1.46E+01	pCi/g	Avg	1.60E+01	value
14	7	SOU014-072	Antimony	5.60E-01	mg/kg	Avg	6.02E-01	value
14	7	SOU014-072	Arsenic	1.10E+01	mg/kg	Grid Value	1.12E+01	value
14	7	SOU014-072	Cadmium	1.43E+00	mg/kg	Avg	2.11E+00	value
14	7	SOU014-072	Chromium	3.46E+01	mg/kg	Grid Value	6.46E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
14	7	SOU014-072	Lead	2.61E+01	mg/kg	Grid Value	4.36E+02	value
14	7	SOU014-072	Manganese	4.22E+02	mg/kg	Grid Value	5.99E+02	value
14	7	SOU014-072	Mercury	1.00E+01	mg/kg	Grid Value	7.82E+00	value
14	7	SOU014-072	Nickel	2.67E+03	mg/kg	Grid Value	1.22E+03	value
14	7	SOU014-072	PCB, Total	5.00E+00	mg/kg	Grid Value	7.60E+00	value
14	7	SOU014-072	Silver	1.00E+01	mg/kg	Grid Value	1.63E+01	value
14	7	SOU014-072	Total PAH	4.47E-02	mg/kg	Avg	4.88E-02	value
14	7	SOU014-072	Uranium	7.63E+02	mg/kg	Grid Value	3.33E+02	value
14	7	SOU014-072	Neptunium-237	7.80E-01	pCi/g	Avg	1.16E+00	value
14	7	SOU014-072	Uranium-234	9.03E+00	pCi/g	Avg	9.86E+00	value
14	7	SOU014-072	Uranium-235	6.63E-01	pCi/g	Avg	7.29E-01	value
14	7	SOU014-072	Uranium-238	1.46E+01	pCi/g	Avg	1.60E+01	value
14	7	SOU014-073	Antimony	5.60E-01	mg/kg	Avg	6.02E-01	value
14	7	SOU014-073	Arsenic	1.24E+01	mg/kg	Grid Value	1.12E+01	value
14	7	SOU014-073	Cadmium	1.43E+00	mg/kg	Avg	2.11E+00	value
14	7	SOU014-073	Chromium	8.50E+01	mg/kg	Grid Value	6.46E+01	value
14	7	SOU014-073	Lead	2.06E+01	mg/kg	Grid Value	4.36E+02	value
14	7	SOU014-073	Manganese	6.87E+02	mg/kg	Grid Value	5.99E+02	value
14	7	SOU014-073	Mercury	1.00E+01	mg/kg	Grid Value	7.82E+00	value
14	7	SOU014-073	Nickel	6.66E+02	mg/kg	Grid Value	1.22E+03	value
14	7	SOU014-073	PCB, Total	5.00E+00	mg/kg	Grid Value	7.60E+00	value
14	7	SOU014-073	Silver	1.00E+01	mg/kg	Grid Value	1.63E+01	value
14	7	SOU014-073	Total PAH	4.47E-02	mg/kg	Avg	4.88E-02	value
14	7	SOU014-073	Uranium	1.86E+02	mg/kg	Grid Value	3.33E+02	value
14	7	SOU014-073	Neptunium-237	7.80E-01	pCi/g	Avg	1.16E+00	value
14	7	SOU014-073	Uranium-234	9.03E+00	pCi/g	Avg	9.86E+00	value
14	7	SOU014-073	Uranium-235	6.63E-01	pCi/g	Avg	7.29E-01	value
14	7	SOU014-073	Uranium-238	1.46E+01	pCi/g	Avg	1.60E+01	value
14	7	SOU014-074	Antimony	7.50E-01	mg/kg	Grid Value	6.02E-01	value
14	7	SOU014-074	Arsenic	1.00E+01	mg/kg	Grid Value	1.12E+01	value
14	7	SOU014-074	Cadmium	2.70E+00	mg/kg	Grid Value	2.11E+00	value
14	7	SOU014-074	Chromium	1.81E+01	mg/kg	Grid Value	6.46E+01	value
14	7	SOU014-074	Lead	2.53E+01	mg/kg	Grid Value	4.36E+02	value
14	7	SOU014-074	Manganese	4.34E+02	mg/kg	Grid Value	5.99E+02	value
14	7	SOU014-074	Mercury	4.22E-01	mg/kg	Grid Value	7.82E+00	value
14	7	SOU014-074	Nickel	8.40E+02	mg/kg	Grid Value	1.22E+03	value
14	7	SOU014-074	PCB, Total	4.40E-01	mg/kg	Grid Value	7.60E+00	value
14	7	SOU014-074	Silver	1.50E-01	mg/kg	Grid Value	1.63E+01	value
14	7	SOU014-074	Total PAH	6.31E-02	mg/kg	Grid Value	4.88E-02	value
14	7	SOU014-074	Uranium	1.10E+02	mg/kg	Grid Value	3.33E+02	value
14	7	SOU014-074	Neptunium-237	1.49E+00	pCi/g	Grid Value	1.16E+00	value
14	7	SOU014-074	Uranium-234	1.28E+01	pCi/g	Grid Value	9.86E+00	value
14	7	SOU014-074	Uranium-235	9.60E-01	pCi/g	Grid Value	7.29E-01	value
14	7	SOU014-074	Uranium-238	2.13E+01	pCi/g	Grid Value	1.60E+01	value
14	7	SOU014-075	Antimony	5.60E-01	mg/kg	Avg	6.02E-01	value
14	7	SOU014-075	Arsenic	1.10E+01	mg/kg	Grid Value	1.12E+01	value
14	7	SOU014-075	Cadmium	1.43E+00	mg/kg	Avg	2.11E+00	value
14	7	SOU014-075	Chromium	8.50E+01	mg/kg	Grid Value	6.46E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
14	7	SOU014-075	Lead	1.84E+01	mg/kg	Grid Value	4.36E+02	value
14	7	SOU014-075	Manganese	2.94E+02	mg/kg	Grid Value	5.99E+02	value
14	7	SOU014-075	Mercury	7.82E+00	mg/kg	Grid Value	7.82E+00	value
14	7	SOU014-075	Nickel	1.22E+02	mg/kg	Grid Value	1.22E+03	value
14	7	SOU014-075	PCB, Total	5.00E+00	mg/kg	Grid Value	7.60E+00	value
14	7	SOU014-075	Silver	1.00E+01	mg/kg	Grid Value	1.63E+01	value
14	7	SOU014-075	Total PAH	4.47E-02	mg/kg	Avg	4.88E-02	value
14	7	SOU014-075	Uranium	4.85E+01	mg/kg	Grid Value	3.33E+02	value
14	7	SOU014-075	Neptunium-237	7.80E-01	pCi/g	Avg	1.16E+00	value
14	7	SOU014-075	Uranium-234	9.03E+00	pCi/g	Avg	9.86E+00	value
14	7	SOU014-075	Uranium-235	6.63E-01	pCi/g	Avg	7.29E-01	value
14	7	SOU014-075	Uranium-238	1.46E+01	pCi/g	Avg	1.60E+01	value
14	7	SOU014-076	Antimony	5.60E-01	mg/kg	Avg	6.02E-01	value
14	7	SOU014-076	Arsenic	7.19E+00	mg/kg	Grid Value	1.12E+01	value
14	7	SOU014-076	Cadmium	1.43E+00	mg/kg	Avg	2.11E+00	value
14	7	SOU014-076	Chromium	4.92E+01	mg/kg	Grid Value	6.46E+01	value
14	7	SOU014-076	Lead	2.57E+01	mg/kg	Grid Value	4.36E+02	value
14	7	SOU014-076	Manganese	2.84E+02	mg/kg	Grid Value	5.99E+02	value
14	7	SOU014-076	Mercury	1.00E+01	mg/kg	Grid Value	7.82E+00	value
14	7	SOU014-076	Nickel	2.59E+02	mg/kg	Grid Value	1.22E+03	value
14	7	SOU014-076	PCB, Total	5.00E+00	mg/kg	Grid Value	7.60E+00	value
14	7	SOU014-076	Silver	1.00E+01	mg/kg	Grid Value	1.63E+01	value
14	7	SOU014-076	Total PAH	4.47E-02	mg/kg	Avg	4.88E-02	value
14	7	SOU014-076	Uranium	5.72E+01	mg/kg	Grid Value	3.33E+02	value
14	7	SOU014-076	Neptunium-237	7.80E-01	pCi/g	Avg	1.16E+00	value
14	7	SOU014-076	Uranium-234	9.03E+00	pCi/g	Avg	9.86E+00	value
14	7	SOU014-076	Uranium-235	6.63E-01	pCi/g	Avg	7.29E-01	value
14	7	SOU014-076	Uranium-238	1.46E+01	pCi/g	Avg	1.60E+01	value
14	7	SOU014-077	Antimony	5.60E-01	mg/kg	Avg	6.02E-01	value
14	7	SOU014-077	Arsenic	9.63E+00	mg/kg	Grid Value	1.12E+01	value
14	7	SOU014-077	Cadmium	1.43E+00	mg/kg	Avg	2.11E+00	value
14	7	SOU014-077	Chromium	8.50E+01	mg/kg	Grid Value	6.46E+01	value
14	7	SOU014-077	Lead	4.69E+01	mg/kg	Grid Value	4.36E+02	value
14	7	SOU014-077	Manganese	5.94E+02	mg/kg	Grid Value	5.99E+02	value
14	7	SOU014-077	Mercury	1.00E+01	mg/kg	Grid Value	7.82E+00	value
14	7	SOU014-077	Nickel	3.78E+02	mg/kg	Grid Value	1.22E+03	value
14	7	SOU014-077	PCB, Total	5.00E+00	mg/kg	Grid Value	7.60E+00	value
14	7	SOU014-077	Silver	1.00E+01	mg/kg	Grid Value	1.63E+01	value
14	7	SOU014-077	Total PAH	4.47E-02	mg/kg	Avg	4.88E-02	value
14	7	SOU014-077	Uranium	1.02E+02	mg/kg	Grid Value	3.33E+02	value
14	7	SOU014-077	Neptunium-237	7.80E-01	pCi/g	Avg	1.16E+00	value
14	7	SOU014-077	Uranium-234	9.03E+00	pCi/g	Avg	9.86E+00	value
14	7	SOU014-077	Uranium-235	6.63E-01	pCi/g	Avg	7.29E-01	value
14	7	SOU014-077	Uranium-238	1.46E+01	pCi/g	Avg	1.60E+01	value
14	7	SOU014-085	Antimony	3.70E-01	mg/kg	Grid Value	6.02E-01	value
14	7	SOU014-085	Arsenic	1.30E+01	mg/kg	Grid Value	1.12E+01	value
14	7	SOU014-085	Cadmium	1.50E-01	mg/kg	Grid Value	2.11E+00	value
14	7	SOU014-085	Chromium	6.46E+01	mg/kg	Grid Value	6.46E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
14	7	SOU014-085	Lead	9.44E+02	mg/kg	Grid Value	4.36E+02	value
14	7	SOU014-085	Manganese	9.09E+02	mg/kg	Grid Value	5.99E+02	value
14	7	SOU014-085	Mercury	2.87E-02	mg/kg	Grid Value	7.82E+00	value
14	7	SOU014-085	Nickel	4.95E+02	mg/kg	Grid Value	1.22E+03	value
14	7	SOU014-085	PCB, Total	1.00E+01	mg/kg	Grid Value	7.60E+00	value
14	7	SOU014-085	Silver	2.22E+01	mg/kg	Grid Value	1.63E+01	value
14	7	SOU014-085	Total PAH	2.62E-02	mg/kg	Grid Value	4.88E-02	value
14	7	SOU014-085	Uranium	3.16E+02	mg/kg	Grid Value	3.33E+02	value
14	7	SOU014-085	Neptunium-237	7.00E-02	pCi/g	Grid Value	1.16E+00	value
14	7	SOU014-085	Uranium-234	5.26E+00	pCi/g	Grid Value	9.86E+00	value
14	7	SOU014-085	Uranium-235	3.66E-01	pCi/g	Grid Value	7.29E-01	value
14	7	SOU014-085	Uranium-238	7.80E+00	pCi/g	Grid Value	1.60E+01	value
14	7	SOU014-086	Antimony	5.60E-01	mg/kg	Avg	6.02E-01	value
14	7	SOU014-086	Arsenic	1.10E+01	mg/kg	Grid Value	1.12E+01	value
14	7	SOU014-086	Cadmium	1.43E+00	mg/kg	Avg	2.11E+00	value
14	7	SOU014-086	Chromium	2.82E+01	mg/kg	Grid Value	6.46E+01	value
14	7	SOU014-086	Lead	1.75E+01	mg/kg	Grid Value	4.36E+02	value
14	7	SOU014-086	Manganese	2.80E+02	mg/kg	Grid Value	5.99E+02	value
14	7	SOU014-086	Mercury	1.00E+01	mg/kg	Grid Value	7.82E+00	value
14	7	SOU014-086	Nickel	8.45E+01	mg/kg	Grid Value	1.22E+03	value
14	7	SOU014-086	PCB, Total	5.00E+00	mg/kg	Grid Value	7.60E+00	value
14	7	SOU014-086	Silver	1.13E+01	mg/kg	Grid Value	1.63E+01	value
14	7	SOU014-086	Total PAH	4.47E-02	mg/kg	Avg	4.88E-02	value
14	7	SOU014-086	Uranium	6.51E+01	mg/kg	Grid Value	3.33E+02	value
14	7	SOU014-086	Neptunium-237	7.80E-01	pCi/g	Avg	1.16E+00	value
14	7	SOU014-086	Uranium-234	9.03E+00	pCi/g	Avg	9.86E+00	value
14	7	SOU014-086	Uranium-235	6.63E-01	pCi/g	Avg	7.29E-01	value
14	7	SOU014-086	Uranium-238	1.46E+01	pCi/g	Avg	1.60E+01	value
14	7	SOU014-087	Antimony	5.60E-01	mg/kg	Avg	6.02E-01	value
14	7	SOU014-087	Arsenic	7.38E+00	mg/kg	Grid Value	1.12E+01	value
14	7	SOU014-087	Cadmium	1.43E+00	mg/kg	Avg	2.11E+00	value
14	7	SOU014-087	Chromium	3.44E+01	mg/kg	Grid Value	6.46E+01	value
14	7	SOU014-087	Lead	2.75E+01	mg/kg	Grid Value	4.36E+02	value
14	7	SOU014-087	Manganese	3.63E+02	mg/kg	Grid Value	5.99E+02	value
14	7	SOU014-087	Mercury	1.00E+01	mg/kg	Grid Value	7.82E+00	value
14	7	SOU014-087	Nickel	2.21E+02	mg/kg	Grid Value	1.22E+03	value
14	7	SOU014-087	PCB, Total	5.00E+00	mg/kg	Grid Value	7.60E+00	value
14	7	SOU014-087	Silver	1.00E+01	mg/kg	Grid Value	1.63E+01	value
14	7	SOU014-087	Total PAH	4.47E-02	mg/kg	Avg	4.88E-02	value
14	7	SOU014-087	Uranium	9.28E+01	mg/kg	Grid Value	3.33E+02	value
14	7	SOU014-087	Neptunium-237	7.80E-01	pCi/g	Avg	1.16E+00	value
14	7	SOU014-087	Uranium-234	9.03E+00	pCi/g	Avg	9.86E+00	value
14	7	SOU014-087	Uranium-235	6.63E-01	pCi/g	Avg	7.29E-01	value
14	7	SOU014-087	Uranium-238	1.46E+01	pCi/g	Avg	1.60E+01	value
14	7	SOU014-088	Antimony	5.60E-01	mg/kg	Avg	6.02E-01	value
14	7	SOU014-088	Arsenic	9.28E+00	mg/kg	Grid Value	1.12E+01	value
14	7	SOU014-088	Cadmium	1.43E+00	mg/kg	Avg	2.11E+00	value
14	7	SOU014-088	Chromium	4.31E+01	mg/kg	Grid Value	6.46E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
14	7	SOU014-088	Lead	2.89E+01	mg/kg	Grid Value	4.36E+02	value
14	7	SOU014-088	Manganese	7.67E+02	mg/kg	Grid Value	5.99E+02	value
14	7	SOU014-088	Mercury	1.00E+01	mg/kg	Grid Value	7.82E+00	value
14	7	SOU014-088	Nickel	2.73E+02	mg/kg	Grid Value	1.22E+03	value
14	7	SOU014-088	PCB, Total	5.00E+00	mg/kg	Grid Value	7.60E+00	value
14	7	SOU014-088	Silver	1.00E+01	mg/kg	Grid Value	1.63E+01	value
14	7	SOU014-088	Total PAH	4.47E-02	mg/kg	Avg	4.88E-02	value
14	7	SOU014-088	Uranium	9.06E+01	mg/kg	Grid Value	3.33E+02	value
14	7	SOU014-088	Neptunium-237	7.80E-01	pCi/g	Avg	1.16E+00	value
14	7	SOU014-088	Uranium-234	9.03E+00	pCi/g	Avg	9.86E+00	value
14	7	SOU014-088	Uranium-235	6.63E-01	pCi/g	Avg	7.29E-01	value
14	7	SOU014-088	Uranium-238	1.46E+01	pCi/g	Avg	1.60E+01	value
14	8	SOU014-089	Antimony	4.70E-01	mg/kg	Avg	5.01E-01	value
14	8	SOU014-089	Arsenic	9.55E+00	mg/kg	Grid Value	1.22E+01	value
14	8	SOU014-089	Chromium	4.24E+01	mg/kg	Grid Value	5.14E+01	value
14	8	SOU014-089	Copper	9.81E+01	mg/kg	Grid Value	1.17E+02	value
14	8	SOU014-089	Mercury	7.90E+00	mg/kg	Grid Value	8.70E+00	value
14	8	SOU014-089	Nickel	5.32E+02	mg/kg	Grid Value	6.73E+02	value
14	8	SOU014-089	PCB, Total	5.00E+00	mg/kg	Grid Value	5.00E+00	value
14	8	SOU014-089	Silver	1.00E+01	mg/kg	Grid Value	1.18E+01	value
14	8	SOU014-089	Total PAH	3.52E-02	mg/kg	Avg	4.13E-02	value
14	8	SOU014-089	Uranium	1.49E+02	mg/kg	Grid Value	4.05E+02	value
14	8	SOU014-089	Neptunium-237	4.43E-01	pCi/g	Avg	6.77E-01	value
14	8	SOU014-089	Uranium-235	1.39E-01	pCi/g	Avg	1.61E-01	value
14	8	SOU014-089	Uranium-238	3.42E+00	pCi/g	Avg	3.97E+00	value
14	8	SOU014-090	Antimony	4.70E-01	mg/kg	Avg	5.01E-01	value
14	8	SOU014-090	Arsenic	1.08E+01	mg/kg	Grid Value	1.22E+01	value
14	8	SOU014-090	Chromium	3.85E+01	mg/kg	Grid Value	5.14E+01	value
14	8	SOU014-090	Copper	7.28E+01	mg/kg	Grid Value	1.17E+02	value
14	8	SOU014-090	Mercury	1.00E+01	mg/kg	Grid Value	8.70E+00	value
14	8	SOU014-090	Nickel	3.44E+02	mg/kg	Grid Value	6.73E+02	value
14	8	SOU014-090	PCB, Total	5.00E+00	mg/kg	Grid Value	5.00E+00	value
14	8	SOU014-090	Silver	9.63E+00	mg/kg	Grid Value	1.18E+01	value
14	8	SOU014-090	Total PAH	3.52E-02	mg/kg	Avg	4.13E-02	value
14	8	SOU014-090	Uranium	8.42E+01	mg/kg	Grid Value	4.05E+02	value
14	8	SOU014-090	Neptunium-237	4.43E-01	pCi/g	Avg	6.77E-01	value
14	8	SOU014-090	Uranium-235	1.39E-01	pCi/g	Avg	1.61E-01	value
14	8	SOU014-090	Uranium-238	3.42E+00	pCi/g	Avg	3.97E+00	value
14	8	SOU014-091	Antimony	4.70E-01	mg/kg	Avg	5.01E-01	value
14	8	SOU014-091	Arsenic	1.08E+01	mg/kg	Grid Value	1.22E+01	value
14	8	SOU014-091	Chromium	4.25E+01	mg/kg	Grid Value	5.14E+01	value
14	8	SOU014-091	Copper	7.17E+01	mg/kg	Grid Value	1.17E+02	value
14	8	SOU014-091	Mercury	1.00E+01	mg/kg	Grid Value	8.70E+00	value
14	8	SOU014-091	Nickel	6.60E+02	mg/kg	Grid Value	6.73E+02	value
14	8	SOU014-091	PCB, Total	5.00E+00	mg/kg	Grid Value	5.00E+00	value
14	8	SOU014-091	Silver	1.18E+01	mg/kg	Grid Value	1.18E+01	value
14	8	SOU014-091	Total PAH	3.52E-02	mg/kg	Avg	4.13E-02	value
14	8	SOU014-091	Uranium	3.88E+02	mg/kg	Grid Value	4.05E+02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
14	8	SOU014-091	Neptunium-237	4.43E-01	pCi/g	Avg	6.77E-01	value
14	8	SOU014-091	Uranium-235	1.39E-01	pCi/g	Avg	1.61E-01	value
14	8	SOU014-091	Uranium-238	3.42E+00	pCi/g	Avg	3.97E+00	value
14	8	SOU014-092	Antimony	4.70E-01	mg/kg	Avg	5.01E-01	value
14	8	SOU014-092	Arsenic	7.60E+00	mg/kg	Grid Value	1.22E+01	value
14	8	SOU014-092	Chromium	3.51E+01	mg/kg	Grid Value	5.14E+01	value
14	8	SOU014-092	Copper	1.29E+02	mg/kg	Grid Value	1.17E+02	value
14	8	SOU014-092	Mercury	1.00E+01	mg/kg	Grid Value	8.70E+00	value
14	8	SOU014-092	Nickel	8.92E+02	mg/kg	Grid Value	6.73E+02	value
14	8	SOU014-092	PCB, Total	5.00E+00	mg/kg	Grid Value	5.00E+00	value
14	8	SOU014-092	Silver	1.00E+01	mg/kg	Grid Value	1.18E+01	value
14	8	SOU014-092	Total PAH	3.52E-02	mg/kg	Avg	4.13E-02	value
14	8	SOU014-092	Uranium	6.38E+02	mg/kg	Grid Value	4.05E+02	value
14	8	SOU014-092	Neptunium-237	4.43E-01	pCi/g	Avg	6.77E-01	value
14	8	SOU014-092	Uranium-235	1.39E-01	pCi/g	Avg	1.61E-01	value
14	8	SOU014-092	Uranium-238	3.42E+00	pCi/g	Avg	3.97E+00	value
14	8	SOU014-100	Antimony	4.70E-01	mg/kg	Avg	5.01E-01	value
14	8	SOU014-100	Arsenic	1.10E+01	mg/kg	Grid Value	1.22E+01	value
14	8	SOU014-100	Chromium	5.14E+01	mg/kg	Grid Value	5.14E+01	value
14	8	SOU014-100	Copper	3.50E+01	mg/kg	Grid Value	1.17E+02	value
14	8	SOU014-100	Mercury	1.00E+01	mg/kg	Grid Value	8.70E+00	value
14	8	SOU014-100	Nickel	1.12E+02	mg/kg	Grid Value	6.73E+02	value
14	8	SOU014-100	PCB, Total	5.00E+00	mg/kg	Grid Value	5.00E+00	value
14	8	SOU014-100	Silver	1.00E+01	mg/kg	Grid Value	1.18E+01	value
14	8	SOU014-100	Total PAH	3.52E-02	mg/kg	Avg	4.13E-02	value
14	8	SOU014-100	Uranium	8.80E+00	mg/kg	Grid Value	4.05E+02	value
14	8	SOU014-100	Neptunium-237	4.43E-01	pCi/g	Avg	6.77E-01	value
14	8	SOU014-100	Uranium-235	1.39E-01	pCi/g	Avg	1.61E-01	value
14	8	SOU014-100	Uranium-238	3.42E+00	pCi/g	Avg	3.97E+00	value
14	8	SOU014-101	Antimony	3.30E-01	mg/kg	Grid Value	5.01E-01	value
14	8	SOU014-101	Arsenic	6.00E+00	mg/kg	Grid Value	1.22E+01	value
14	8	SOU014-101	Chromium	1.29E+01	mg/kg	Grid Value	5.14E+01	value
14	8	SOU014-101	Copper	1.17E+01	mg/kg	Grid Value	1.17E+02	value
14	8	SOU014-101	Mercury	2.66E-02	mg/kg	Grid Value	8.70E+00	value
14	8	SOU014-101	Nickel	2.55E+02	mg/kg	Grid Value	6.73E+02	value
14	8	SOU014-101	PCB, Total	3.50E-01	mg/kg	Grid Value	5.00E+00	value
14	8	SOU014-101	Silver	3.60E-02	mg/kg	Grid Value	1.18E+01	value
14	8	SOU014-101	Total PAH	7.70E-03	mg/kg	Grid Value	4.13E-02	value
14	8	SOU014-101	Uranium	4.53E+01	mg/kg	Grid Value	4.05E+02	value
14	8	SOU014-101	Neptunium-237	6.00E-03	pCi/g	Grid Value	6.77E-01	value
14	8	SOU014-101	Uranium-235	4.00E-02	pCi/g	Grid Value	1.61E-01	value
14	8	SOU014-101	Uranium-238	9.10E-01	pCi/g	Grid Value	3.97E+00	value
14	8	SOU014-102	Antimony	4.70E-01	mg/kg	Avg	5.01E-01	value
14	8	SOU014-102	Arsenic	7.71E+00	mg/kg	Grid Value	1.22E+01	value
14	8	SOU014-102	Chromium	4.60E+01	mg/kg	Grid Value	5.14E+01	value
14	8	SOU014-102	Copper	3.56E+01	mg/kg	Grid Value	1.17E+02	value
14	8	SOU014-102	Mercury	1.00E+01	mg/kg	Grid Value	8.70E+00	value
14	8	SOU014-102	Nickel	1.30E+03	mg/kg	Grid Value	6.73E+02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
14	8	SOU014-102	PCB, Total	5.00E+00	mg/kg	Grid Value	5.00E+00	value
14	8	SOU014-102	Silver	1.00E+01	mg/kg	Grid Value	1.18E+01	value
14	8	SOU014-102	Total PAH	3.52E-02	mg/kg	Avg	4.13E-02	value
14	8	SOU014-102	Uranium	3.81E+02	mg/kg	Grid Value	4.05E+02	value
14	8	SOU014-102	Neptunium-237	4.43E-01	pCi/g	Avg	6.77E-01	value
14	8	SOU014-102	Uranium-235	1.39E-01	pCi/g	Avg	1.61E-01	value
14	8	SOU014-102	Uranium-238	3.42E+00	pCi/g	Avg	3.97E+00	value
14	8	SOU014-103	Antimony	4.70E-01	mg/kg	Avg	5.01E-01	value
14	8	SOU014-103	Arsenic	1.66E+01	mg/kg	Grid Value	1.22E+01	value
14	8	SOU014-103	Chromium	8.50E+01	mg/kg	Grid Value	5.14E+01	value
14	8	SOU014-103	Copper	2.77E+02	mg/kg	Grid Value	1.17E+02	value
14	8	SOU014-103	Mercury	1.00E+01	mg/kg	Grid Value	8.70E+00	value
14	8	SOU014-103	Nickel	3.78E+02	mg/kg	Grid Value	6.73E+02	value
14	8	SOU014-103	PCB, Total	5.00E+00	mg/kg	Grid Value	5.00E+00	value
14	8	SOU014-103	Silver	1.00E+01	mg/kg	Grid Value	1.18E+01	value
14	8	SOU014-103	Total PAH	3.52E-02	mg/kg	Avg	4.13E-02	value
14	8	SOU014-103	Uranium	5.23E+02	mg/kg	Grid Value	4.05E+02	value
14	8	SOU014-103	Neptunium-237	4.43E-01	pCi/g	Avg	6.77E-01	value
14	8	SOU014-103	Uranium-235	1.39E-01	pCi/g	Avg	1.61E-01	value
14	8	SOU014-103	Uranium-238	3.42E+00	pCi/g	Avg	3.97E+00	value
14	8	SOU014-111	Antimony	6.10E-01	mg/kg	Grid Value	5.01E-01	value
14	8	SOU014-111	Arsenic	1.33E+01	mg/kg	Grid Value	1.22E+01	value
14	8	SOU014-111	Chromium	4.83E+01	mg/kg	Grid Value	5.14E+01	value
14	8	SOU014-111	Copper	3.91E+01	mg/kg	Grid Value	1.17E+02	value
14	8	SOU014-111	Mercury	8.56E+00	mg/kg	Grid Value	8.70E+00	value
14	8	SOU014-111	Nickel	5.30E+02	mg/kg	Grid Value	6.73E+02	value
14	8	SOU014-111	PCB, Total	1.10E-01	mg/kg	Grid Value	5.00E+00	value
14	8	SOU014-111	Silver	6.20E-02	mg/kg	Grid Value	1.18E+01	value
14	8	SOU014-111	Total PAH	6.28E-02	mg/kg	Grid Value	4.13E-02	value
14	8	SOU014-111	Uranium	2.60E+01	mg/kg	Grid Value	4.05E+02	value
14	8	SOU014-111	Neptunium-237	8.80E-01	pCi/g	Grid Value	6.77E-01	value
14	8	SOU014-111	Uranium-235	2.38E-01	pCi/g	Grid Value	1.61E-01	value
14	8	SOU014-111	Uranium-238	5.92E+00	pCi/g	Grid Value	3.97E+00	value
14	8	SOU014-112	Antimony	4.70E-01	mg/kg	Avg	5.01E-01	value
14	8	SOU014-112	Arsenic	1.40E+01	mg/kg	Grid Value	1.22E+01	value
14	8	SOU014-112	Chromium	8.50E+01	mg/kg	Grid Value	5.14E+01	value
14	8	SOU014-112	Copper	3.99E+01	mg/kg	Grid Value	1.17E+02	value
14	8	SOU014-112	Mercury	1.00E+01	mg/kg	Grid Value	8.70E+00	value
14	8	SOU014-112	Nickel	4.81E+02	mg/kg	Grid Value	6.73E+02	value
14	8	SOU014-112	PCB, Total	5.00E+00	mg/kg	Grid Value	5.00E+00	value
14	8	SOU014-112	Silver	1.00E+01	mg/kg	Grid Value	1.18E+01	value
14	8	SOU014-112	Total PAH	3.52E-02	mg/kg	Avg	4.13E-02	value
14	8	SOU014-112	Uranium	4.08E+01	mg/kg	Grid Value	4.05E+02	value
14	8	SOU014-112	Neptunium-237	4.43E-01	pCi/g	Avg	6.77E-01	value
14	8	SOU014-112	Uranium-235	1.39E-01	pCi/g	Avg	1.61E-01	value
14	8	SOU014-112	Uranium-238	3.42E+00	pCi/g	Avg	3.97E+00	value
14	8	SOU014-113	Antimony	4.70E-01	mg/kg	Avg	5.01E-01	value
14	8	SOU014-113	Arsenic	9.90E+00	mg/kg	Grid Value	1.22E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
14	8	SOU014-113	Chromium	8.50E+01	mg/kg	Grid Value	5.14E+01	value
14	8	SOU014-113	Copper	3.50E+01	mg/kg	Grid Value	1.17E+02	value
14	8	SOU014-113	Mercury	1.00E+01	mg/kg	Grid Value	8.70E+00	value
14	8	SOU014-113	Nickel	2.13E+02	mg/kg	Grid Value	6.73E+02	value
14	8	SOU014-113	PCB, Total	5.00E+00	mg/kg	Grid Value	5.00E+00	value
14	8	SOU014-113	Silver	1.00E+01	mg/kg	Grid Value	1.18E+01	value
14	8	SOU014-113	Total PAH	3.52E-02	mg/kg	Avg	4.13E-02	value
14	8	SOU014-113	Uranium	2.24E+01	mg/kg	Grid Value	4.05E+02	value
14	8	SOU014-113	Neptunium-237	4.43E-01	pCi/g	Avg	6.77E-01	value
14	8	SOU014-113	Uranium-235	1.39E-01	pCi/g	Avg	1.61E-01	value
14	8	SOU014-113	Uranium-238	3.42E+00	pCi/g	Avg	3.97E+00	value
14	8	SOU014-114	Antimony	4.70E-01	mg/kg	Avg	5.01E-01	value
14	8	SOU014-114	Arsenic	1.06E+01	mg/kg	Grid Value	1.22E+01	value
14	8	SOU014-114	Chromium	3.69E+01	mg/kg	Grid Value	5.14E+01	value
14	8	SOU014-114	Copper	2.55E+01	mg/kg	Grid Value	1.17E+02	value
14	8	SOU014-114	Mercury	8.70E+00	mg/kg	Grid Value	8.70E+00	value
14	8	SOU014-114	Nickel	3.34E+02	mg/kg	Grid Value	6.73E+02	value
14	8	SOU014-114	PCB, Total	5.00E+00	mg/kg	Grid Value	5.00E+00	value
14	8	SOU014-114	Silver	1.00E+01	mg/kg	Grid Value	1.18E+01	value
14	8	SOU014-114	Total PAH	3.52E-02	mg/kg	Avg	4.13E-02	value
14	8	SOU014-114	Uranium	3.52E+01	mg/kg	Grid Value	4.05E+02	value
14	8	SOU014-114	Neptunium-237	4.43E-01	pCi/g	Avg	6.77E-01	value
14	8	SOU014-114	Uranium-235	1.39E-01	pCi/g	Avg	1.61E-01	value
14	8	SOU014-114	Uranium-238	3.42E+00	pCi/g	Avg	3.97E+00	value
14	9	SOU014-082	Antimony	2.00E+00	mg/kg	Avg	2.00E+00	value
14	9	SOU014-082	Arsenic	2.36E+01	mg/kg	Grid Value	1.39E+01	value
14	9	SOU014-082	Cadmium	9.40E-01	mg/kg	Avg	9.40E-01	value
14	9	SOU014-082	Chromium	4.64E+01	mg/kg	Grid Value	4.64E+01	value
14	9	SOU014-082	Mercury	1.00E+01	mg/kg	Grid Value	1.13E+00	value
14	9	SOU014-082	Nickel	1.72E+03	mg/kg	Grid Value	9.43E+02	value
14	9	SOU014-082	PCB, Total	5.00E+00	mg/kg	Grid Value	6.84E+00	value
14	9	SOU014-082	Total PAH	4.87E-01	mg/kg	Avg	4.87E-01	value
14	9	SOU014-082	Uranium	8.83E+02	mg/kg	Grid Value	1.46E+03	value
14	9	SOU014-082	Cesium-137	4.05E-01	pCi/g	Avg	4.53E-01	value
14	9	SOU014-082	Neptunium-237	9.50E+00	pCi/g	Avg	1.09E+01	value
14	9	SOU014-082	Technetium-99	1.91E+02	pCi/g	Avg	1.96E+02	value
14	9	SOU014-082	Uranium-234	5.57E+02	pCi/g	Avg	8.32E+02	value
14	9	SOU014-082	Uranium-235	3.67E+01	pCi/g	Avg	5.46E+01	value
14	9	SOU014-082	Uranium-238	8.07E+02	pCi/g	Avg	1.20E+03	value
14	9	SOU014-083	Antimony	2.00E+00	mg/kg	Avg	2.00E+00	value
14	9	SOU014-083	Arsenic	1.10E+01	mg/kg	Grid Value	1.39E+01	value
14	9	SOU014-083	Cadmium	9.40E-01	mg/kg	Avg	9.40E-01	value
14	9	SOU014-083	Chromium	3.33E+01	mg/kg	Grid Value	4.64E+01	value
14	9	SOU014-083	Mercury	1.00E+01	mg/kg	Grid Value	1.13E+00	value
14	9	SOU014-083	Nickel	1.75E+02	mg/kg	Grid Value	9.43E+02	value
14	9	SOU014-083	PCB, Total	5.00E+00	mg/kg	Grid Value	6.84E+00	value
14	9	SOU014-083	Total PAH	4.87E-01	mg/kg	Avg	4.87E-01	value
14	9	SOU014-083	Uranium	4.60E+03	mg/kg	Grid Value	1.46E+03	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
14	9	SOU014-083	Cesium-137	6.20E-01	pCi/g	Grid Value	4.53E-01	value
14	9	SOU014-083	Neptunium-237	1.60E+01	pCi/g	Grid Value	1.09E+01	value
14	9	SOU014-083	Technetium-99	2.15E+02	pCi/g	Grid Value	1.96E+02	value
14	9	SOU014-083	Uranium-234	1.07E+03	pCi/g	Grid Value	8.32E+02	value
14	9	SOU014-083	Uranium-235	7.00E+01	pCi/g	Grid Value	5.46E+01	value
14	9	SOU014-083	Uranium-238	1.54E+03	pCi/g	Grid Value	1.20E+03	value
14	9	SOU014-084	Antimony	2.00E+00	mg/kg	Avg	2.00E+00	value
14	9	SOU014-084	Arsenic	1.10E+01	mg/kg	Grid Value	1.39E+01	value
14	9	SOU014-084	Cadmium	9.40E-01	mg/kg	Avg	9.40E-01	value
14	9	SOU014-084	Chromium	3.78E+01	mg/kg	Grid Value	4.64E+01	value
14	9	SOU014-084	Mercury	1.00E+01	mg/kg	Grid Value	1.13E+00	value
14	9	SOU014-084	Nickel	5.85E+02	mg/kg	Grid Value	9.43E+02	value
14	9	SOU014-084	PCB, Total	5.00E+00	mg/kg	Grid Value	6.84E+00	value
14	9	SOU014-084	Total PAH	4.87E-01	mg/kg	Avg	4.87E-01	value
14	9	SOU014-084	Uranium	3.40E+02	mg/kg	Grid Value	1.46E+03	value
14	9	SOU014-084	Cesium-137	4.05E-01	pCi/g	Avg	4.53E-01	value
14	9	SOU014-084	Neptunium-237	9.50E+00	pCi/g	Avg	1.09E+01	value
14	9	SOU014-084	Technetium-99	1.91E+02	pCi/g	Avg	1.96E+02	value
14	9	SOU014-084	Uranium-234	5.57E+02	pCi/g	Avg	8.32E+02	value
14	9	SOU014-084	Uranium-235	3.67E+01	pCi/g	Avg	5.46E+01	value
14	9	SOU014-084	Uranium-238	8.07E+02	pCi/g	Avg	1.20E+03	value
14	9	SOU014-093	Antimony	2.00E+00	mg/kg	Avg	2.00E+00	value
14	9	SOU014-093	Arsenic	8.22E+00	mg/kg	Grid Value	1.39E+01	value
14	9	SOU014-093	Cadmium	9.40E-01	mg/kg	Avg	9.40E-01	value
14	9	SOU014-093	Chromium	8.50E+01	mg/kg	Grid Value	4.64E+01	value
14	9	SOU014-093	Mercury	1.00E+01	mg/kg	Grid Value	1.13E+00	value
14	9	SOU014-093	Nickel	6.73E+02	mg/kg	Grid Value	9.43E+02	value
14	9	SOU014-093	PCB, Total	5.00E+00	mg/kg	Grid Value	6.84E+00	value
14	9	SOU014-093	Total PAH	4.87E-01	mg/kg	Avg	4.87E-01	value
14	9	SOU014-093	Uranium	3.63E+02	mg/kg	Grid Value	1.46E+03	value
14	9	SOU014-093	Cesium-137	4.05E-01	pCi/g	Avg	4.53E-01	value
14	9	SOU014-093	Neptunium-237	9.50E+00	pCi/g	Avg	1.09E+01	value
14	9	SOU014-093	Technetium-99	1.91E+02	pCi/g	Avg	1.96E+02	value
14	9	SOU014-093	Uranium-234	5.57E+02	pCi/g	Avg	8.32E+02	value
14	9	SOU014-093	Uranium-235	3.67E+01	pCi/g	Avg	5.46E+01	value
14	9	SOU014-093	Uranium-238	8.07E+02	pCi/g	Avg	1.20E+03	value
14	9	SOU014-094	Antimony	2.00E+00	mg/kg	Avg	2.00E+00	value
14	9	SOU014-094	Arsenic	1.46E+01	mg/kg	Grid Value	1.39E+01	value
14	9	SOU014-094	Cadmium	9.40E-01	mg/kg	Avg	9.40E-01	value
14	9	SOU014-094	Chromium	8.50E+01	mg/kg	Grid Value	4.64E+01	value
14	9	SOU014-094	Mercury	1.00E+01	mg/kg	Grid Value	1.13E+00	value
14	9	SOU014-094	Nickel	1.34E+03	mg/kg	Grid Value	9.43E+02	value
14	9	SOU014-094	PCB, Total	5.00E+00	mg/kg	Grid Value	6.84E+00	value
14	9	SOU014-094	Total PAH	4.87E-01	mg/kg	Avg	4.87E-01	value
14	9	SOU014-094	Uranium	7.13E+02	mg/kg	Grid Value	1.46E+03	value
14	9	SOU014-094	Cesium-137	4.05E-01	pCi/g	Avg	4.53E-01	value
14	9	SOU014-094	Neptunium-237	9.50E+00	pCi/g	Avg	1.09E+01	value
14	9	SOU014-094	Technetium-99	1.91E+02	pCi/g	Avg	1.96E+02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
14	9	SOU014-094	Uranium-234	5.57E+02	pCi/g	Avg	8.32E+02	value
14	9	SOU014-094	Uranium-235	3.67E+01	pCi/g	Avg	5.46E+01	value
14	9	SOU014-094	Uranium-238	8.07E+02	pCi/g	Avg	1.20E+03	value
14	9	SOU014-095	Antimony	2.00E+00	mg/kg	Avg	2.00E+00	value
14	9	SOU014-095	Arsenic	1.10E+01	mg/kg	Grid Value	1.39E+01	value
14	9	SOU014-095	Cadmium	9.40E-01	mg/kg	Avg	9.40E-01	value
14	9	SOU014-095	Chromium	3.24E+01	mg/kg	Grid Value	4.64E+01	value
14	9	SOU014-095	Mercury	1.00E+01	mg/kg	Grid Value	1.13E+00	value
14	9	SOU014-095	Nickel	3.33E+02	mg/kg	Grid Value	9.43E+02	value
14	9	SOU014-095	PCB, Total	5.00E+00	mg/kg	Grid Value	6.84E+00	value
14	9	SOU014-095	Total PAH	4.87E-01	mg/kg	Avg	4.87E-01	value
14	9	SOU014-095	Uranium	2.10E+02	mg/kg	Grid Value	1.46E+03	value
14	9	SOU014-095	Cesium-137	4.05E-01	pCi/g	Avg	4.53E-01	value
14	9	SOU014-095	Neptunium-237	9.50E+00	pCi/g	Avg	1.09E+01	value
14	9	SOU014-095	Technetium-99	1.91E+02	pCi/g	Avg	1.96E+02	value
14	9	SOU014-095	Uranium-234	5.57E+02	pCi/g	Avg	8.32E+02	value
14	9	SOU014-095	Uranium-235	3.67E+01	pCi/g	Avg	5.46E+01	value
14	9	SOU014-095	Uranium-238	8.07E+02	pCi/g	Avg	1.20E+03	value
14	9	SOU014-104	Antimony	2.00E+00	mg/kg	Avg	2.00E+00	value
14	9	SOU014-104	Arsenic	8.88E+00	mg/kg	Grid Value	1.39E+01	value
14	9	SOU014-104	Cadmium	9.40E-01	mg/kg	Avg	9.40E-01	value
14	9	SOU014-104	Chromium	8.50E+01	mg/kg	Grid Value	4.64E+01	value
14	9	SOU014-104	Mercury	1.00E+01	mg/kg	Grid Value	1.13E+00	value
14	9	SOU014-104	Nickel	2.32E+02	mg/kg	Grid Value	9.43E+02	value
14	9	SOU014-104	PCB, Total	1.00E+01	mg/kg	Grid Value	6.84E+00	value
14	9	SOU014-104	Total PAH	4.87E-01	mg/kg	Avg	4.87E-01	value
14	9	SOU014-104	Uranium	1.45E+02	mg/kg	Grid Value	1.46E+03	value
14	9	SOU014-104	Cesium-137	4.05E-01	pCi/g	Avg	4.53E-01	value
14	9	SOU014-104	Neptunium-237	9.50E+00	pCi/g	Avg	1.09E+01	value
14	9	SOU014-104	Technetium-99	1.91E+02	pCi/g	Avg	1.96E+02	value
14	9	SOU014-104	Uranium-234	5.57E+02	pCi/g	Avg	8.32E+02	value
14	9	SOU014-104	Uranium-235	3.67E+01	pCi/g	Avg	5.46E+01	value
14	9	SOU014-104	Uranium-238	8.07E+02	pCi/g	Avg	1.20E+03	value
14	9	SOU014-105	Antimony	2.00E+00	mg/kg	Grid Value	2.00E+00	value
14	9	SOU014-105	Arsenic	8.60E+00	mg/kg	Grid Value	1.39E+01	value
14	9	SOU014-105	Cadmium	9.40E-01	mg/kg	Grid Value	9.40E-01	value
14	9	SOU014-105	Chromium	3.37E+01	mg/kg	Grid Value	4.64E+01	value
14	9	SOU014-105	Mercury	1.13E+00	mg/kg	Grid Value	1.13E+00	value
14	9	SOU014-105	Nickel	3.38E+02	mg/kg	Grid Value	9.43E+02	value
14	9	SOU014-105	PCB, Total	5.00E+00	mg/kg	Grid Value	6.84E+00	value
14	9	SOU014-105	Total PAH	4.87E-01	mg/kg	Grid Value	4.87E-01	value
14	9	SOU014-105	Uranium	3.67E+02	mg/kg	Grid Value	1.46E+03	value
14	9	SOU014-105	Cesium-137	1.90E-01	pCi/g	Grid Value	4.53E-01	value
14	9	SOU014-105	Neptunium-237	2.99E+00	pCi/g	Grid Value	1.09E+01	value
14	9	SOU014-105	Technetium-99	1.66E+02	pCi/g	Grid Value	1.96E+02	value
14	9	SOU014-105	Uranium-234	4.32E+01	pCi/g	Grid Value	8.32E+02	value
14	9	SOU014-105	Uranium-235	3.32E+00	pCi/g	Grid Value	5.46E+01	value
14	9	SOU014-105	Uranium-238	7.35E+01	pCi/g	Grid Value	1.20E+03	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
14	9	SOU014-106	Antimony	2.00E+00	mg/kg	Avg	2.00E+00	value
14	9	SOU014-106	Arsenic	5.85E+00	mg/kg	Grid Value	1.39E+01	value
14	9	SOU014-106	Cadmium	9.40E-01	mg/kg	Avg	9.40E-01	value
14	9	SOU014-106	Chromium	8.50E+01	mg/kg	Grid Value	4.64E+01	value
14	9	SOU014-106	Mercury	1.00E+01	mg/kg	Grid Value	1.13E+00	value
14	9	SOU014-106	Nickel	2.76E+02	mg/kg	Grid Value	9.43E+02	value
14	9	SOU014-106	PCB, Total	1.00E+01	mg/kg	Grid Value	6.84E+00	value
14	9	SOU014-106	Total PAH	4.87E-01	mg/kg	Avg	4.87E-01	value
14	9	SOU014-106	Uranium	1.72E+02	mg/kg	Grid Value	1.46E+03	value
14	9	SOU014-106	Cesium-137	4.05E-01	pCi/g	Avg	4.53E-01	value
14	9	SOU014-106	Neptunium-237	9.50E+00	pCi/g	Avg	1.09E+01	value
14	9	SOU014-106	Technetium-99	1.91E+02	pCi/g	Avg	1.96E+02	value
14	9	SOU014-106	Uranium-234	5.57E+02	pCi/g	Avg	8.32E+02	value
14	9	SOU014-106	Uranium-235	3.67E+01	pCi/g	Avg	5.46E+01	value
14	9	SOU014-106	Uranium-238	8.07E+02	pCi/g	Avg	1.20E+03	value
14	9	SOU014-115	Antimony	2.00E+00	mg/kg	Avg	2.00E+00	value
14	9	SOU014-115	Arsenic	7.75E+00	mg/kg	Grid Value	1.39E+01	value
14	9	SOU014-115	Cadmium	9.40E-01	mg/kg	Avg	9.40E-01	value
14	9	SOU014-115	Chromium	3.67E+01	mg/kg	Grid Value	4.64E+01	value
14	9	SOU014-115	Mercury	1.00E+01	mg/kg	Grid Value	1.13E+00	value
14	9	SOU014-115	Nickel	1.47E+02	mg/kg	Grid Value	9.43E+02	value
14	9	SOU014-115	PCB, Total	5.00E+00	mg/kg	Grid Value	6.84E+00	value
14	9	SOU014-115	Total PAH	4.87E-01	mg/kg	Avg	4.87E-01	value
14	9	SOU014-115	Uranium	2.18E+01	mg/kg	Grid Value	1.46E+03	value
14	9	SOU014-115	Cesium-137	4.05E-01	pCi/g	Avg	4.53E-01	value
14	9	SOU014-115	Neptunium-237	9.50E+00	pCi/g	Avg	1.09E+01	value
14	9	SOU014-115	Technetium-99	1.91E+02	pCi/g	Avg	1.96E+02	value
14	9	SOU014-115	Uranium-234	5.57E+02	pCi/g	Avg	8.32E+02	value
14	9	SOU014-115	Uranium-235	3.67E+01	pCi/g	Avg	5.46E+01	value
14	9	SOU014-115	Uranium-238	8.07E+02	pCi/g	Avg	1.20E+03	value
14	9	SOU014-116	Antimony	2.00E+00	mg/kg	Avg	2.00E+00	value
14	9	SOU014-116	Arsenic	1.44E+01	mg/kg	Grid Value	1.39E+01	value
14	9	SOU014-116	Cadmium	9.40E-01	mg/kg	Avg	9.40E-01	value
14	9	SOU014-116	Chromium	3.27E+01	mg/kg	Grid Value	4.64E+01	value
14	9	SOU014-116	Mercury	1.00E+01	mg/kg	Grid Value	1.13E+00	value
14	9	SOU014-116	Nickel	3.22E+02	mg/kg	Grid Value	9.43E+02	value
14	9	SOU014-116	PCB, Total	5.00E+00	mg/kg	Grid Value	6.84E+00	value
14	9	SOU014-116	Total PAH	4.87E-01	mg/kg	Avg	4.87E-01	value
14	9	SOU014-116	Uranium	6.37E+01	mg/kg	Grid Value	1.46E+03	value
14	9	SOU014-116	Cesium-137	4.05E-01	pCi/g	Avg	4.53E-01	value
14	9	SOU014-116	Neptunium-237	9.50E+00	pCi/g	Avg	1.09E+01	value
14	9	SOU014-116	Technetium-99	1.91E+02	pCi/g	Avg	1.96E+02	value
14	9	SOU014-116	Uranium-234	5.57E+02	pCi/g	Avg	8.32E+02	value
14	9	SOU014-116	Uranium-235	3.67E+01	pCi/g	Avg	5.46E+01	value
14	9	SOU014-116	Uranium-238	8.07E+02	pCi/g	Avg	1.20E+03	value
14	9	SOU014-117	Antimony	2.00E+00	mg/kg	Avg	2.00E+00	value
14	9	SOU014-117	Arsenic	1.10E+01	mg/kg	Grid Value	1.39E+01	value
14	9	SOU014-117	Cadmium	9.40E-01	mg/kg	Avg	9.40E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
14	9	SOU014-117	Chromium	3.85E+01	mg/kg	Grid Value	4.64E+01	value
14	9	SOU014-117	Mercury	1.00E+01	mg/kg	Grid Value	1.13E+00	value
14	9	SOU014-117	Nickel	3.10E+02	mg/kg	Grid Value	9.43E+02	value
14	9	SOU014-117	PCB, Total	5.00E+00	mg/kg	Grid Value	6.84E+00	value
14	9	SOU014-117	Total PAH	4.87E-01	mg/kg	Avg	4.87E-01	value
14	9	SOU014-117	Uranium	1.01E+02	mg/kg	Grid Value	1.46E+03	value
14	9	SOU014-117	Cesium-137	4.05E-01	pCi/g	Avg	4.53E-01	value
14	9	SOU014-117	Neptunium-237	9.50E+00	pCi/g	Avg	1.09E+01	value
14	9	SOU014-117	Technetium-99	1.91E+02	pCi/g	Avg	1.96E+02	value
14	9	SOU014-117	Uranium-234	5.57E+02	pCi/g	Avg	8.32E+02	value
14	9	SOU014-117	Uranium-235	3.67E+01	pCi/g	Avg	5.46E+01	value
14	9	SOU014-117	Uranium-238	8.07E+02	pCi/g	Avg	1.20E+03	value
14	10	SOU014-096	Antimony	2.10E-01	mg/kg	Grid Value	8.55E-01	value
14	10	SOU014-096	Arsenic	1.06E+01	mg/kg	Grid Value	1.15E+01	value
14	10	SOU014-096	Barium	1.72E+02	mg/kg	Grid Value	1.39E+02	value
14	10	SOU014-096	Chromium	3.55E+01	mg/kg	Grid Value	4.47E+01	value
14	10	SOU014-096	Copper	9.76E+01	mg/kg	Grid Value	1.37E+02	value
14	10	SOU014-096	Iron	1.91E+04	mg/kg	Grid Value	2.69E+04	value
14	10	SOU014-096	Manganese	5.79E+02	mg/kg	Grid Value	7.11E+02	value
14	10	SOU014-096	Mercury	4.37E+01	mg/kg	Grid Value	2.49E+01	value
14	10	SOU014-096	Nickel	7.98E+02	mg/kg	Grid Value	5.80E+02	value
14	10	SOU014-096	PCB, Total	1.00E+01	mg/kg	Grid Value	9.32E+00	value
14	10	SOU014-096	Silver	4.80E-02	mg/kg	Grid Value	1.07E+01	value
14	10	SOU014-096	Total PAH	7.80E-03	mg/kg	Grid Value	2.10E-01	value
14	10	SOU014-096	Uranium	2.31E+02	mg/kg	Grid Value	2.80E+02	value
14	10	SOU014-096	Neptunium-237	7.30E-02	pCi/g	Grid Value	2.05E+00	value
14	10	SOU014-096	Uranium-234	2.63E+00	pCi/g	Grid Value	1.92E+01	value
14	10	SOU014-096	Uranium-235	1.96E-01	pCi/g	Grid Value	1.40E+00	value
14	10	SOU014-096	Uranium-238	4.79E+00	pCi/g	Grid Value	2.68E+01	value
14	10	SOU014-097	Antimony	1.10E+00	mg/kg	Grid Value	8.55E-01	value
14	10	SOU014-097	Arsenic	7.82E+00	mg/kg	Grid Value	1.15E+01	value
14	10	SOU014-097	Barium	1.04E+02	mg/kg	Grid Value	1.39E+02	value
14	10	SOU014-097	Chromium	3.83E+01	mg/kg	Grid Value	4.47E+01	value
14	10	SOU014-097	Copper	1.08E+02	mg/kg	Grid Value	1.37E+02	value
14	10	SOU014-097	Iron	2.07E+04	mg/kg	Grid Value	2.69E+04	value
14	10	SOU014-097	Manganese	6.23E+02	mg/kg	Grid Value	7.11E+02	value
14	10	SOU014-097	Mercury	9.22E+00	mg/kg	Grid Value	2.49E+01	value
14	10	SOU014-097	Nickel	4.95E+02	mg/kg	Grid Value	5.80E+02	value
14	10	SOU014-097	PCB, Total	5.00E+00	mg/kg	Grid Value	9.32E+00	value
14	10	SOU014-097	Silver	1.60E-01	mg/kg	Grid Value	1.07E+01	value
14	10	SOU014-097	Total PAH	1.40E-01	mg/kg	Avg	2.10E-01	value
14	10	SOU014-097	Uranium	3.77E+02	mg/kg	Grid Value	2.80E+02	value
14	10	SOU014-097	Neptunium-237	1.36E+00	pCi/g	Avg	2.05E+00	value
14	10	SOU014-097	Uranium-234	1.34E+01	pCi/g	Avg	1.92E+01	value
14	10	SOU014-097	Uranium-235	9.78E-01	pCi/g	Avg	1.40E+00	value
14	10	SOU014-097	Uranium-238	2.28E+01	pCi/g	Avg	2.68E+01	value
14	10	SOU014-098	Antimony	7.50E-01	mg/kg	Avg	8.55E-01	value
14	10	SOU014-098	Arsenic	1.10E+01	mg/kg	Grid Value	1.15E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
14	10	SOU014-098	Barium	1.31E+02	mg/kg	Avg	1.39E+02	value
14	10	SOU014-098	Chromium	3.22E+01	mg/kg	Grid Value	4.47E+01	value
14	10	SOU014-098	Copper	1.33E+02	mg/kg	Grid Value	1.37E+02	value
14	10	SOU014-098	Iron	2.25E+04	mg/kg	Grid Value	2.69E+04	value
14	10	SOU014-098	Manganese	4.98E+02	mg/kg	Grid Value	7.11E+02	value
14	10	SOU014-098	Mercury	1.00E+01	mg/kg	Grid Value	2.49E+01	value
14	10	SOU014-098	Nickel	4.57E+02	mg/kg	Grid Value	5.80E+02	value
14	10	SOU014-098	PCB, Total	5.00E+00	mg/kg	Grid Value	9.32E+00	value
14	10	SOU014-098	Silver	1.00E+01	mg/kg	Grid Value	1.07E+01	value
14	10	SOU014-098	Total PAH	1.40E-01	mg/kg	Avg	2.10E-01	value
14	10	SOU014-098	Uranium	1.91E+02	mg/kg	Grid Value	2.80E+02	value
14	10	SOU014-098	Neptunium-237	1.36E+00	pCi/g	Avg	2.05E+00	value
14	10	SOU014-098	Uranium-234	1.34E+01	pCi/g	Avg	1.92E+01	value
14	10	SOU014-098	Uranium-235	9.78E-01	pCi/g	Avg	1.40E+00	value
14	10	SOU014-098	Uranium-238	2.28E+01	pCi/g	Avg	2.68E+01	value
14	10	SOU014-099	Antimony	7.50E-01	mg/kg	Avg	8.55E-01	value
14	10	SOU014-099	Arsenic	7.63E+00	mg/kg	Grid Value	1.15E+01	value
14	10	SOU014-099	Barium	1.31E+02	mg/kg	Avg	1.39E+02	value
14	10	SOU014-099	Chromium	8.50E+01	mg/kg	Grid Value	4.47E+01	value
14	10	SOU014-099	Copper	7.17E+01	mg/kg	Grid Value	1.37E+02	value
14	10	SOU014-099	Iron	1.15E+04	mg/kg	Grid Value	2.69E+04	value
14	10	SOU014-099	Manganese	4.44E+02	mg/kg	Grid Value	7.11E+02	value
14	10	SOU014-099	Mercury	1.00E+01	mg/kg	Grid Value	2.49E+01	value
14	10	SOU014-099	Nickel	1.32E+02	mg/kg	Grid Value	5.80E+02	value
14	10	SOU014-099	PCB, Total	5.00E+00	mg/kg	Grid Value	9.32E+00	value
14	10	SOU014-099	Silver	1.00E+01	mg/kg	Grid Value	1.07E+01	value
14	10	SOU014-099	Total PAH	1.40E-01	mg/kg	Avg	2.10E-01	value
14	10	SOU014-099	Uranium	5.74E+01	mg/kg	Grid Value	2.80E+02	value
14	10	SOU014-099	Neptunium-237	1.36E+00	pCi/g	Avg	2.05E+00	value
14	10	SOU014-099	Uranium-234	1.34E+01	pCi/g	Avg	1.92E+01	value
14	10	SOU014-099	Uranium-235	9.78E-01	pCi/g	Avg	1.40E+00	value
14	10	SOU014-099	Uranium-238	2.28E+01	pCi/g	Avg	2.68E+01	value
14	10	SOU014-107	Antimony	7.50E-01	mg/kg	Avg	8.55E-01	value
14	10	SOU014-107	Arsenic	8.16E+00	mg/kg	Grid Value	1.15E+01	value
14	10	SOU014-107	Barium	1.31E+02	mg/kg	Avg	1.39E+02	value
14	10	SOU014-107	Chromium	8.50E+01	mg/kg	Grid Value	4.47E+01	value
14	10	SOU014-107	Copper	6.50E+01	mg/kg	Grid Value	1.37E+02	value
14	10	SOU014-107	Iron	1.67E+04	mg/kg	Grid Value	2.69E+04	value
14	10	SOU014-107	Manganese	5.47E+02	mg/kg	Grid Value	7.11E+02	value
14	10	SOU014-107	Mercury	1.00E+01	mg/kg	Grid Value	2.49E+01	value
14	10	SOU014-107	Nickel	4.48E+02	mg/kg	Grid Value	5.80E+02	value
14	10	SOU014-107	PCB, Total	1.00E+01	mg/kg	Grid Value	9.32E+00	value
14	10	SOU014-107	Silver	1.00E+01	mg/kg	Grid Value	1.07E+01	value
14	10	SOU014-107	Total PAH	1.40E-01	mg/kg	Avg	2.10E-01	value
14	10	SOU014-107	Uranium	2.19E+02	mg/kg	Grid Value	2.80E+02	value
14	10	SOU014-107	Neptunium-237	1.36E+00	pCi/g	Avg	2.05E+00	value
14	10	SOU014-107	Uranium-234	1.34E+01	pCi/g	Avg	1.92E+01	value
14	10	SOU014-107	Uranium-235	9.78E-01	pCi/g	Avg	1.40E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
14	10	SOU014-107	Uranium-238	2.28E+01	pCi/g	Avg	2.68E+01	value
14	10	SOU014-108	Antimony	7.50E-01	mg/kg	Avg	8.55E-01	value
14	10	SOU014-108	Arsenic	1.15E+01	mg/kg	Grid Value	1.15E+01	value
14	10	SOU014-108	Barium	1.31E+02	mg/kg	Avg	1.39E+02	value
14	10	SOU014-108	Chromium	4.19E+01	mg/kg	Grid Value	4.47E+01	value
14	10	SOU014-108	Copper	1.63E+02	mg/kg	Grid Value	1.37E+02	value
14	10	SOU014-108	Iron	2.88E+04	mg/kg	Grid Value	2.69E+04	value
14	10	SOU014-108	Manganese	5.48E+02	mg/kg	Grid Value	7.11E+02	value
14	10	SOU014-108	Mercury	1.00E+01	mg/kg	Grid Value	2.49E+01	value
14	10	SOU014-108	Nickel	8.74E+02	mg/kg	Grid Value	5.80E+02	value
14	10	SOU014-108	PCB, Total	1.00E+01	mg/kg	Grid Value	9.32E+00	value
14	10	SOU014-108	Silver	1.00E+01	mg/kg	Grid Value	1.07E+01	value
14	10	SOU014-108	Total PAH	1.40E-01	mg/kg	Avg	2.10E-01	value
14	10	SOU014-108	Uranium	3.66E+02	mg/kg	Grid Value	2.80E+02	value
14	10	SOU014-108	Neptunium-237	1.36E+00	pCi/g	Avg	2.05E+00	value
14	10	SOU014-108	Uranium-234	1.34E+01	pCi/g	Avg	1.92E+01	value
14	10	SOU014-108	Uranium-235	9.78E-01	pCi/g	Avg	1.40E+00	value
14	10	SOU014-108	Uranium-238	2.28E+01	pCi/g	Avg	2.68E+01	value
14	10	SOU014-109	Antimony	7.50E-01	mg/kg	Avg	8.55E-01	value
14	10	SOU014-109	Arsenic	1.01E+01	mg/kg	Grid Value	1.15E+01	value
14	10	SOU014-109	Barium	1.31E+02	mg/kg	Avg	1.39E+02	value
14	10	SOU014-109	Chromium	3.49E+01	mg/kg	Grid Value	4.47E+01	value
14	10	SOU014-109	Copper	2.76E+02	mg/kg	Grid Value	1.37E+02	value
14	10	SOU014-109	Iron	3.75E+04	mg/kg	Grid Value	2.69E+04	value
14	10	SOU014-109	Manganese	9.84E+02	mg/kg	Grid Value	7.11E+02	value
14	10	SOU014-109	Mercury	1.00E+01	mg/kg	Grid Value	2.49E+01	value
14	10	SOU014-109	Nickel	9.51E+02	mg/kg	Grid Value	5.80E+02	value
14	10	SOU014-109	PCB, Total	5.00E+00	mg/kg	Grid Value	9.32E+00	value
14	10	SOU014-109	Silver	1.00E+01	mg/kg	Grid Value	1.07E+01	value
14	10	SOU014-109	Total PAH	1.40E-01	mg/kg	Avg	2.10E-01	value
14	10	SOU014-109	Uranium	5.42E+02	mg/kg	Grid Value	2.80E+02	value
14	10	SOU014-109	Neptunium-237	1.36E+00	pCi/g	Avg	2.05E+00	value
14	10	SOU014-109	Uranium-234	1.34E+01	pCi/g	Avg	1.92E+01	value
14	10	SOU014-109	Uranium-235	9.78E-01	pCi/g	Avg	1.40E+00	value
14	10	SOU014-109	Uranium-238	2.28E+01	pCi/g	Avg	2.68E+01	value
14	10	SOU014-110	Antimony	7.50E-01	mg/kg	Avg	8.55E-01	value
14	10	SOU014-110	Arsenic	1.10E+01	mg/kg	Grid Value	1.15E+01	value
14	10	SOU014-110	Barium	1.31E+02	mg/kg	Avg	1.39E+02	value
14	10	SOU014-110	Chromium	8.50E+01	mg/kg	Grid Value	4.47E+01	value
14	10	SOU014-110	Copper	3.50E+01	mg/kg	Grid Value	1.37E+02	value
14	10	SOU014-110	Iron	1.77E+04	mg/kg	Grid Value	2.69E+04	value
14	10	SOU014-110	Manganese	3.86E+02	mg/kg	Grid Value	7.11E+02	value
14	10	SOU014-110	Mercury	1.00E+01	mg/kg	Grid Value	2.49E+01	value
14	10	SOU014-110	Nickel	1.26E+02	mg/kg	Grid Value	5.80E+02	value
14	10	SOU014-110	PCB, Total	5.00E+00	mg/kg	Grid Value	9.32E+00	value
14	10	SOU014-110	Silver	1.00E+01	mg/kg	Grid Value	1.07E+01	value
14	10	SOU014-110	Total PAH	1.40E-01	mg/kg	Avg	2.10E-01	value
14	10	SOU014-110	Uranium	2.17E+01	mg/kg	Grid Value	2.80E+02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
14	10	SOU014-110	Neptunium-237	1.36E+00	pCi/g	Avg	2.05E+00	value
14	10	SOU014-110	Uranium-234	1.34E+01	pCi/g	Avg	1.92E+01	value
14	10	SOU014-110	Uranium-235	9.78E-01	pCi/g	Avg	1.40E+00	value
14	10	SOU014-110	Uranium-238	2.28E+01	pCi/g	Avg	2.68E+01	value
14	10	SOU014-118	Antimony	9.40E-01	mg/kg	Grid Value	8.55E-01	value
14	10	SOU014-118	Arsenic	6.20E+00	mg/kg	Grid Value	1.15E+01	value
14	10	SOU014-118	Barium	1.17E+02	mg/kg	Grid Value	1.39E+02	value
14	10	SOU014-118	Chromium	3.92E+01	mg/kg	Grid Value	4.47E+01	value
14	10	SOU014-118	Copper	5.73E+01	mg/kg	Grid Value	1.37E+02	value
14	10	SOU014-118	Iron	1.60E+04	mg/kg	Grid Value	2.69E+04	value
14	10	SOU014-118	Manganese	5.15E+02	mg/kg	Grid Value	7.11E+02	value
14	10	SOU014-118	Mercury	9.20E-01	mg/kg	Grid Value	2.49E+01	value
14	10	SOU014-118	Nickel	4.06E+02	mg/kg	Grid Value	5.80E+02	value
14	10	SOU014-118	PCB, Total	1.10E+00	mg/kg	Grid Value	9.32E+00	value
14	10	SOU014-118	Silver	1.50E-01	mg/kg	Grid Value	1.07E+01	value
14	10	SOU014-118	Total PAH	2.72E-01	mg/kg	Grid Value	2.10E-01	value
14	10	SOU014-118	Uranium	1.97E+02	mg/kg	Grid Value	2.80E+02	value
14	10	SOU014-118	Neptunium-237	2.64E+00	pCi/g	Grid Value	2.05E+00	value
14	10	SOU014-118	Uranium-234	2.42E+01	pCi/g	Grid Value	1.92E+01	value
14	10	SOU014-118	Uranium-235	1.76E+00	pCi/g	Grid Value	1.40E+00	value
14	10	SOU014-118	Uranium-238	4.09E+01	pCi/g	Grid Value	2.68E+01	value
14	10	SOU014-119	Antimony	7.50E-01	mg/kg	Avg	8.55E-01	value
14	10	SOU014-119	Arsenic	1.10E+01	mg/kg	Grid Value	1.15E+01	value
14	10	SOU014-119	Barium	1.31E+02	mg/kg	Avg	1.39E+02	value
14	10	SOU014-119	Chromium	4.47E+01	mg/kg	Grid Value	4.47E+01	value
14	10	SOU014-119	Copper	4.21E+01	mg/kg	Grid Value	1.37E+02	value
14	10	SOU014-119	Iron	7.47E+03	mg/kg	Grid Value	2.69E+04	value
14	10	SOU014-119	Manganese	1.20E+02	mg/kg	Grid Value	7.11E+02	value
14	10	SOU014-119	Mercury	1.00E+01	mg/kg	Grid Value	2.49E+01	value
14	10	SOU014-119	Nickel	9.14E+01	mg/kg	Grid Value	5.80E+02	value
14	10	SOU014-119	PCB, Total	5.00E+00	mg/kg	Grid Value	9.32E+00	value
14	10	SOU014-119	Silver	1.00E+01	mg/kg	Grid Value	1.07E+01	value
14	10	SOU014-119	Total PAH	1.40E-01	mg/kg	Avg	2.10E-01	value
14	10	SOU014-119	Uranium	6.86E+01	mg/kg	Grid Value	2.80E+02	value
14	10	SOU014-119	Neptunium-237	1.36E+00	pCi/g	Avg	2.05E+00	value
14	10	SOU014-119	Uranium-234	1.34E+01	pCi/g	Avg	1.92E+01	value
14	10	SOU014-119	Uranium-235	9.78E-01	pCi/g	Avg	1.40E+00	value
14	10	SOU014-119	Uranium-238	2.28E+01	pCi/g	Avg	2.68E+01	value
14	10	SOU014-120	Antimony	7.50E-01	mg/kg	Avg	8.55E-01	value
14	10	SOU014-120	Arsenic	1.34E+01	mg/kg	Grid Value	1.15E+01	value
14	10	SOU014-120	Barium	1.31E+02	mg/kg	Avg	1.39E+02	value
14	10	SOU014-120	Chromium	8.50E+01	mg/kg	Grid Value	4.47E+01	value
14	10	SOU014-120	Copper	3.50E+01	mg/kg	Grid Value	1.37E+02	value
14	10	SOU014-120	Iron	3.90E+04	mg/kg	Grid Value	2.69E+04	value
14	10	SOU014-120	Manganese	1.06E+03	mg/kg	Grid Value	7.11E+02	value
14	10	SOU014-120	Mercury	1.00E+01	mg/kg	Grid Value	2.49E+01	value
14	10	SOU014-120	Nickel	6.50E+01	mg/kg	Grid Value	5.80E+02	value
14	10	SOU014-120	PCB, Total	5.00E+00	mg/kg	Grid Value	9.32E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
14	10	SOU014-120	Silver	1.00E+01	mg/kg	Grid Value	1.07E+01	value
14	10	SOU014-120	Total PAH	1.40E-01	mg/kg	Avg	2.10E-01	value
14	10	SOU014-120	Uranium	1.41E+01	mg/kg	Grid Value	2.80E+02	value
14	10	SOU014-120	Neptunium-237	1.36E+00	pCi/g	Avg	2.05E+00	value
14	10	SOU014-120	Uranium-234	1.34E+01	pCi/g	Avg	1.92E+01	value
14	10	SOU014-120	Uranium-235	9.78E-01	pCi/g	Avg	1.40E+00	value
14	10	SOU014-120	Uranium-238	2.28E+01	pCi/g	Avg	2.68E+01	value
14	10	SOU014-121	Antimony	7.50E-01	mg/kg	Avg	8.55E-01	value
14	10	SOU014-121	Arsenic	1.46E+01	mg/kg	Grid Value	1.15E+01	value
14	10	SOU014-121	Barium	1.31E+02	mg/kg	Avg	1.39E+02	value
14	10	SOU014-121	Chromium	4.11E+01	mg/kg	Grid Value	4.47E+01	value
14	10	SOU014-121	Copper	3.50E+01	mg/kg	Grid Value	1.37E+02	value
14	10	SOU014-121	Iron	2.64E+04	mg/kg	Grid Value	2.69E+04	value
14	10	SOU014-121	Manganese	6.68E+02	mg/kg	Grid Value	7.11E+02	value
14	10	SOU014-121	Mercury	8.51E+00	mg/kg	Grid Value	2.49E+01	value
14	10	SOU014-121	Nickel	1.16E+02	mg/kg	Grid Value	5.80E+02	value
14	10	SOU014-121	PCB, Total	5.00E+00	mg/kg	Grid Value	9.32E+00	value
14	10	SOU014-121	Silver	1.07E+01	mg/kg	Grid Value	1.07E+01	value
14	10	SOU014-121	Total PAH	1.40E-01	mg/kg	Avg	2.10E-01	value
14	10	SOU014-121	Uranium	1.89E+01	mg/kg	Grid Value	2.80E+02	value
14	10	SOU014-121	Neptunium-237	1.36E+00	pCi/g	Avg	2.05E+00	value
14	10	SOU014-121	Uranium-234	1.34E+01	pCi/g	Avg	1.92E+01	value
14	10	SOU014-121	Uranium-235	9.78E-01	pCi/g	Avg	1.40E+00	value
14	10	SOU014-121	Uranium-238	2.28E+01	pCi/g	Avg	2.68E+01	value
518	1	SOU518-001	Arsenic	6.05E+00	mg/kg	Avg	6.45E+00	value
518	1	SOU518-001	Carbazole	4.63E+00	mg/kg	Avg	1.17E+01	value
518	1	SOU518-001	Cobalt	5.77E+00	mg/kg	Avg	6.80E+00	value
518	1	SOU518-001	Nickel	1.16E+01	mg/kg	Avg	1.29E+01	value
518	1	SOU518-001	PCB, Total	1.20E-01	mg/kg	Grid Value	6.30E-01	value
518	1	SOU518-001	Pyrene	2.23E+01	mg/kg	Avg	3.94E+01	value
518	1	SOU518-001	Total PAH	1.67E+01	mg/kg	Avg	3.90E+01	value
518	1	SOU518-001	Uranium	8.85E+02	mg/kg	Avg	2.17E+02	value
518	1	SOU518-001	Uranium-235	5.80E-02	pCi/g	Avg	6.74E-02	value
518	1	SOU518-001	Uranium-238	1.36E+00	pCi/g	Avg	1.51E+00	value
518	1	SOU518-002	Arsenic	9.30E+00	mg/kg	Grid Value	6.45E+00	value
518	1	SOU518-002	Carbazole	4.63E+00	mg/kg	Avg	1.17E+01	value
518	1	SOU518-002	Cobalt	1.76E+01	mg/kg	Grid Value	6.80E+00	value
518	1	SOU518-002	Nickel	2.48E+01	mg/kg	Grid Value	1.29E+01	value
518	1	SOU518-002	PCB, Total	8.20E-01	mg/kg	Grid Value	6.30E-01	value
518	1	SOU518-002	Pyrene	9.80E-02	mg/kg	Grid Value	3.94E+01	value
518	1	SOU518-002	Total PAH	8.72E-02	mg/kg	Grid Value	3.90E+01	value
518	1	SOU518-002	Uranium	8.85E+02	mg/kg	Avg	2.17E+02	value
518	1	SOU518-002	Uranium-235	5.80E-02	pCi/g	Avg	6.74E-02	value
518	1	SOU518-002	Uranium-238	1.36E+00	pCi/g	Avg	1.51E+00	value
518	1	SOU518-004	Arsenic	6.05E+00	mg/kg	Avg	6.45E+00	value
518	1	SOU518-004	Carbazole	4.63E+00	mg/kg	Avg	1.17E+01	value
518	1	SOU518-004	Cobalt	5.77E+00	mg/kg	Avg	6.80E+00	value
518	1	SOU518-004	Nickel	1.16E+01	mg/kg	Avg	1.29E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
518	1	SOU518-004	PCB, Total	1.30E-01	mg/kg	Grid Value	6.30E-01	value
518	1	SOU518-004	Pyrene	2.23E+01	mg/kg	Avg	3.94E+01	value
518	1	SOU518-004	Total PAH	1.67E+01	mg/kg	Avg	3.90E+01	value
518	1	SOU518-004	Uranium	8.85E+02	mg/kg	Avg	2.17E+02	value
518	1	SOU518-004	Uranium-235	5.80E-02	pCi/g	Avg	6.74E-02	value
518	1	SOU518-004	Uranium-238	1.36E+00	pCi/g	Avg	1.51E+00	value
518	1	SOU518-005	Arsenic	6.05E+00	mg/kg	Avg	6.45E+00	value
518	1	SOU518-005	Carbazole	4.63E+00	mg/kg	Avg	1.17E+01	value
518	1	SOU518-005	Cobalt	5.77E+00	mg/kg	Avg	6.80E+00	value
518	1	SOU518-005	Nickel	1.16E+01	mg/kg	Avg	1.29E+01	value
518	1	SOU518-005	PCB, Total	3.18E-01	mg/kg	Avg	6.30E-01	value
518	1	SOU518-005	Pyrene	2.23E+01	mg/kg	Avg	3.94E+01	value
518	1	SOU518-005	Total PAH	1.67E+01	mg/kg	Avg	3.90E+01	value
518	1	SOU518-005	Uranium	8.85E+02	mg/kg	Avg	2.17E+02	value
518	1	SOU518-005	Uranium-235	5.80E-02	pCi/g	Avg	6.74E-02	value
518	1	SOU518-005	Uranium-238	1.36E+00	pCi/g	Avg	1.51E+00	value
518	1	SOU518-006	Arsenic	6.05E+00	mg/kg	Avg	6.45E+00	value
518	1	SOU518-006	Carbazole	4.63E+00	mg/kg	Avg	1.17E+01	value
518	1	SOU518-006	Cobalt	5.77E+00	mg/kg	Avg	6.80E+00	value
518	1	SOU518-006	Nickel	1.16E+01	mg/kg	Avg	1.29E+01	value
518	1	SOU518-006	PCB, Total	1.30E-01	mg/kg	Grid Value	6.30E-01	value
518	1	SOU518-006	Pyrene	2.23E+01	mg/kg	Avg	3.94E+01	value
518	1	SOU518-006	Total PAH	1.67E+01	mg/kg	Avg	3.90E+01	value
518	1	SOU518-006	Uranium	8.85E+02	mg/kg	Avg	2.17E+02	value
518	1	SOU518-006	Uranium-235	5.80E-02	pCi/g	Avg	6.74E-02	value
518	1	SOU518-006	Uranium-238	1.36E+00	pCi/g	Avg	1.51E+00	value
518	1	SOU518-007	Arsenic	4.43E+00	mg/kg	Grid Value	6.45E+00	value
518	1	SOU518-007	Carbazole	4.90E-01	mg/kg	Grid Value	1.17E+01	value
518	1	SOU518-007	Cobalt	4.65E+00	mg/kg	Grid Value	6.80E+00	value
518	1	SOU518-007	Nickel	7.82E+00	mg/kg	Grid Value	1.29E+01	value
518	1	SOU518-007	PCB, Total	1.30E-01	mg/kg	Grid Value	6.30E-01	value
518	1	SOU518-007	Pyrene	4.90E-01	mg/kg	Grid Value	3.94E+01	value
518	1	SOU518-007	Total PAH	4.90E-01	mg/kg	Grid Value	3.90E+01	value
518	1	SOU518-007	Uranium	9.12E+00	mg/kg	Grid Value	2.17E+02	value
518	1	SOU518-007	Uranium-235	1.63E-01	pCi/g	Grid Value	6.74E-02	value
518	1	SOU518-007	Uranium-238	3.04E+00	pCi/g	Grid Value	1.51E+00	value
518	1	SOU518-008	Arsenic	6.05E+00	mg/kg	Avg	6.45E+00	value
518	1	SOU518-008	Carbazole	4.63E+00	mg/kg	Avg	1.17E+01	value
518	1	SOU518-008	Cobalt	5.77E+00	mg/kg	Avg	6.80E+00	value
518	1	SOU518-008	Nickel	1.16E+01	mg/kg	Avg	1.29E+01	value
518	1	SOU518-008	PCB, Total	3.18E-01	mg/kg	Avg	6.30E-01	value
518	1	SOU518-008	Pyrene	2.23E+01	mg/kg	Avg	3.94E+01	value
518	1	SOU518-008	Total PAH	1.67E+01	mg/kg	Avg	3.90E+01	value
518	1	SOU518-008	Uranium	8.85E+02	mg/kg	Avg	2.17E+02	value
518	1	SOU518-008	Uranium-235	5.80E-02	pCi/g	Avg	6.74E-02	value
518	1	SOU518-008	Uranium-238	1.36E+00	pCi/g	Avg	1.51E+00	value
518	1	SOU518-009	Arsenic	6.05E+00	mg/kg	Avg	6.45E+00	value
518	1	SOU518-009	Carbazole	4.90E-01	mg/kg	Grid Value	1.17E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
518	1	SOU518-009	Cobalt	5.77E+00	mg/kg	Avg	6.80E+00	value
518	1	SOU518-009	Nickel	1.16E+01	mg/kg	Avg	1.29E+01	value
518	1	SOU518-009	PCB, Total	1.30E-01	mg/kg	Grid Value	6.30E-01	value
518	1	SOU518-009	Pyrene	4.90E-01	mg/kg	Grid Value	3.94E+01	value
518	1	SOU518-009	Total PAH	4.90E-01	mg/kg	Grid Value	3.90E+01	value
518	1	SOU518-009	Uranium	8.85E+02	mg/kg	Avg	2.17E+02	value
518	1	SOU518-009	Uranium-235	5.80E-02	pCi/g	Avg	6.74E-02	value
518	1	SOU518-009	Uranium-238	1.36E+00	pCi/g	Avg	1.51E+00	value
518	1	SOU518-010	Arsenic	6.05E+00	mg/kg	Avg	6.45E+00	value
518	1	SOU518-010	Carbazole	4.63E+00	mg/kg	Avg	1.17E+01	value
518	1	SOU518-010	Cobalt	5.77E+00	mg/kg	Avg	6.80E+00	value
518	1	SOU518-010	Nickel	1.16E+01	mg/kg	Avg	1.29E+01	value
518	1	SOU518-010	PCB, Total	3.18E-01	mg/kg	Avg	6.30E-01	value
518	1	SOU518-010	Pyrene	2.23E+01	mg/kg	Avg	3.94E+01	value
518	1	SOU518-010	Total PAH	1.67E+01	mg/kg	Avg	3.90E+01	value
518	1	SOU518-010	Uranium	8.85E+02	mg/kg	Avg	2.17E+02	value
518	1	SOU518-010	Uranium-235	5.80E-02	pCi/g	Avg	6.74E-02	value
518	1	SOU518-010	Uranium-238	1.36E+00	pCi/g	Avg	1.51E+00	value
518	1	SOU518-011	Arsenic	6.05E+00	mg/kg	Avg	6.45E+00	value
518	1	SOU518-011	Carbazole	4.90E-01	mg/kg	Grid Value	1.17E+01	value
518	1	SOU518-011	Cobalt	5.77E+00	mg/kg	Avg	6.80E+00	value
518	1	SOU518-011	Nickel	1.16E+01	mg/kg	Avg	1.29E+01	value
518	1	SOU518-011	PCB, Total	3.18E-01	mg/kg	Avg	6.30E-01	value
518	1	SOU518-011	Pyrene	1.20E+00	mg/kg	Grid Value	3.94E+01	value
518	1	SOU518-011	Total PAH	8.82E-01	mg/kg	Grid Value	3.90E+01	value
518	1	SOU518-011	Uranium	8.85E+02	mg/kg	Avg	2.17E+02	value
518	1	SOU518-011	Uranium-235	5.80E-02	pCi/g	Avg	6.74E-02	value
518	1	SOU518-011	Uranium-238	1.36E+00	pCi/g	Avg	1.51E+00	value
518	1	SOU518-012	Arsenic	6.05E+00	mg/kg	Avg	6.45E+00	value
518	1	SOU518-012	Carbazole	4.70E-01	mg/kg	Grid Value	1.17E+01	value
518	1	SOU518-012	Cobalt	5.77E+00	mg/kg	Avg	6.80E+00	value
518	1	SOU518-012	Nickel	1.16E+01	mg/kg	Avg	1.29E+01	value
518	1	SOU518-012	PCB, Total	3.18E-01	mg/kg	Avg	6.30E-01	value
518	1	SOU518-012	Pyrene	1.40E+00	mg/kg	Grid Value	3.94E+01	value
518	1	SOU518-012	Total PAH	7.54E-01	mg/kg	Grid Value	3.90E+01	value
518	1	SOU518-012	Uranium	8.85E+02	mg/kg	Avg	2.17E+02	value
518	1	SOU518-012	Uranium-235	5.80E-02	pCi/g	Avg	6.74E-02	value
518	1	SOU518-012	Uranium-238	1.36E+00	pCi/g	Avg	1.51E+00	value
518	1	SOU518-013	Arsenic	6.05E+00	mg/kg	Avg	6.45E+00	value
518	1	SOU518-013	Carbazole	4.63E+00	mg/kg	Avg	1.17E+01	value
518	1	SOU518-013	Cobalt	5.77E+00	mg/kg	Avg	6.80E+00	value
518	1	SOU518-013	Nickel	1.16E+01	mg/kg	Avg	1.29E+01	value
518	1	SOU518-013	PCB, Total	3.18E-01	mg/kg	Avg	6.30E-01	value
518	1	SOU518-013	Pyrene	2.23E+01	mg/kg	Avg	3.94E+01	value
518	1	SOU518-013	Total PAH	1.67E+01	mg/kg	Avg	3.90E+01	value
518	1	SOU518-013	Uranium	8.85E+02	mg/kg	Avg	2.17E+02	value
518	1	SOU518-013	Uranium-235	5.80E-02	pCi/g	Avg	6.74E-02	value
518	1	SOU518-013	Uranium-238	1.36E+00	pCi/g	Avg	1.51E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
518	1	SOU518-014	Arsenic	5.00E+00	mg/kg	Grid Value	6.45E+00	value
518	1	SOU518-014	Carbazole	5.00E-01	mg/kg	Grid Value	1.17E+01	value
518	1	SOU518-014	Cobalt	4.14E+00	mg/kg	Grid Value	6.80E+00	value
518	1	SOU518-014	Nickel	6.90E+00	mg/kg	Grid Value	1.29E+01	value
518	1	SOU518-014	PCB, Total	1.64E+00	mg/kg	Grid Value	6.30E-01	value
518	1	SOU518-014	Pyrene	9.16E+00	mg/kg	Grid Value	3.94E+01	value
518	1	SOU518-014	Total PAH	1.27E+01	mg/kg	Grid Value	3.90E+01	value
518	1	SOU518-014	Uranium	8.85E+02	mg/kg	Avg	2.17E+02	value
518	1	SOU518-014	Uranium-235	5.80E-02	pCi/g	Avg	6.74E-02	value
518	1	SOU518-014	Uranium-238	1.36E+00	pCi/g	Avg	1.51E+00	value
518	1	SOU518-015	Arsenic	6.05E+00	mg/kg	Avg	6.45E+00	value
518	1	SOU518-015	Carbazole	4.63E+00	mg/kg	Avg	1.17E+01	value
518	1	SOU518-015	Cobalt	5.77E+00	mg/kg	Avg	6.80E+00	value
518	1	SOU518-015	Nickel	1.16E+01	mg/kg	Avg	1.29E+01	value
518	1	SOU518-015	PCB, Total	3.18E-01	mg/kg	Avg	6.30E-01	value
518	1	SOU518-015	Pyrene	2.23E+01	mg/kg	Avg	3.94E+01	value
518	1	SOU518-015	Total PAH	1.67E+01	mg/kg	Avg	3.90E+01	value
518	1	SOU518-015	Uranium	8.85E+02	mg/kg	Avg	2.17E+02	value
518	1	SOU518-015	Uranium-235	5.80E-02	pCi/g	Avg	6.74E-02	value
518	1	SOU518-015	Uranium-238	1.36E+00	pCi/g	Avg	1.51E+00	value
518	1	SOU518-016	Arsenic	5.00E+00	mg/kg	Grid Value	6.45E+00	value
518	1	SOU518-016	Carbazole	4.90E-01	mg/kg	Grid Value	1.17E+01	value
518	1	SOU518-016	Cobalt	3.79E+00	mg/kg	Grid Value	6.80E+00	value
518	1	SOU518-016	Nickel	1.03E+01	mg/kg	Grid Value	1.29E+01	value
518	1	SOU518-016	PCB, Total	1.00E-01	mg/kg	Grid Value	6.30E-01	value
518	1	SOU518-016	Pyrene	8.40E-01	mg/kg	Grid Value	3.94E+01	value
518	1	SOU518-016	Total PAH	4.90E-01	mg/kg	Grid Value	3.90E+01	value
518	1	SOU518-016	Uranium	2.00E+02	mg/kg	Grid Value	2.17E+02	value
518	1	SOU518-016	Uranium-235	3.60E-02	pCi/g	Grid Value	6.74E-02	value
518	1	SOU518-016	Uranium-238	8.60E-01	pCi/g	Grid Value	1.51E+00	value
518	1	SOU518-017	Arsenic	6.05E+00	mg/kg	Avg	6.45E+00	value
518	1	SOU518-017	Carbazole	3.80E+00	mg/kg	Grid Value	1.17E+01	value
518	1	SOU518-017	Cobalt	5.77E+00	mg/kg	Avg	6.80E+00	value
518	1	SOU518-017	Nickel	1.16E+01	mg/kg	Avg	1.29E+01	value
518	1	SOU518-017	PCB, Total	3.18E-01	mg/kg	Avg	6.30E-01	value
518	1	SOU518-017	Pyrene	3.80E+01	mg/kg	Grid Value	3.94E+01	value
518	1	SOU518-017	Total PAH	2.40E+01	mg/kg	Grid Value	3.90E+01	value
518	1	SOU518-017	Uranium	8.85E+02	mg/kg	Avg	2.17E+02	value
518	1	SOU518-017	Uranium-235	5.80E-02	pCi/g	Avg	6.74E-02	value
518	1	SOU518-017	Uranium-238	1.36E+00	pCi/g	Avg	1.51E+00	value
518	1	SOU518-018	Arsenic	5.00E+00	mg/kg	Grid Value	6.45E+00	value
518	1	SOU518-018	Carbazole	4.70E-01	mg/kg	Grid Value	1.17E+01	value
518	1	SOU518-018	Cobalt	3.19E+00	mg/kg	Grid Value	6.80E+00	value
518	1	SOU518-018	Nickel	1.15E+01	mg/kg	Grid Value	1.29E+01	value
518	1	SOU518-018	PCB, Total	1.00E-01	mg/kg	Grid Value	6.30E-01	value
518	1	SOU518-018	Pyrene	5.20E+00	mg/kg	Grid Value	3.94E+01	value
518	1	SOU518-018	Total PAH	4.23E+00	mg/kg	Grid Value	3.90E+01	value
518	1	SOU518-018	Uranium	2.17E+02	mg/kg	Grid Value	2.17E+02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
518	1	SOU518-018	Uranium-235	2.77E-02	pCi/g	Grid Value	6.74E-02	value
518	1	SOU518-018	Uranium-238	1.17E+00	pCi/g	Grid Value	1.51E+00	value
518	1	SOU518-019	Arsenic	6.05E+00	mg/kg	Avg	6.45E+00	value
518	1	SOU518-019	Carbazole	4.80E-01	mg/kg	Grid Value	1.17E+01	value
518	1	SOU518-019	Cobalt	5.77E+00	mg/kg	Avg	6.80E+00	value
518	1	SOU518-019	Nickel	1.16E+01	mg/kg	Avg	1.29E+01	value
518	1	SOU518-019	PCB, Total	3.18E-01	mg/kg	Avg	6.30E-01	value
518	1	SOU518-019	Pyrene	3.30E+00	mg/kg	Grid Value	3.94E+01	value
518	1	SOU518-019	Total PAH	2.14E+00	mg/kg	Grid Value	3.90E+01	value
518	1	SOU518-019	Uranium	8.85E+02	mg/kg	Avg	2.17E+02	value
518	1	SOU518-019	Uranium-235	5.80E-02	pCi/g	Avg	6.74E-02	value
518	1	SOU518-019	Uranium-238	1.36E+00	pCi/g	Avg	1.51E+00	value
518	1	SOU518-020	Arsenic	5.00E+00	mg/kg	Grid Value	6.45E+00	value
518	1	SOU518-020	Carbazole	4.60E-01	mg/kg	Grid Value	1.17E+01	value
518	1	SOU518-020	Cobalt	2.50E+00	mg/kg	Grid Value	6.80E+00	value
518	1	SOU518-020	Nickel	7.60E+00	mg/kg	Grid Value	1.29E+01	value
518	1	SOU518-020	PCB, Total	1.00E-01	mg/kg	Grid Value	6.30E-01	value
518	1	SOU518-020	Pyrene	2.50E+00	mg/kg	Grid Value	3.94E+01	value
518	1	SOU518-020	Total PAH	1.52E+00	mg/kg	Grid Value	3.90E+01	value
518	1	SOU518-020	Uranium	2.00E+03	mg/kg	Grid Value	2.17E+02	value
518	1	SOU518-020	Uranium-235	2.40E-02	pCi/g	Grid Value	6.74E-02	value
518	1	SOU518-020	Uranium-238	1.05E+00	pCi/g	Grid Value	1.51E+00	value
518	1	SOU518-021	Arsenic	6.05E+00	mg/kg	Avg	6.45E+00	value
518	1	SOU518-021	Carbazole	8.00E+00	mg/kg	Grid Value	1.17E+01	value
518	1	SOU518-021	Cobalt	5.77E+00	mg/kg	Avg	6.80E+00	value
518	1	SOU518-021	Nickel	1.16E+01	mg/kg	Avg	1.29E+01	value
518	1	SOU518-021	PCB, Total	3.18E-01	mg/kg	Avg	6.30E-01	value
518	1	SOU518-021	Pyrene	4.80E+01	mg/kg	Grid Value	3.94E+01	value
518	1	SOU518-021	Total PAH	3.49E+01	mg/kg	Grid Value	3.90E+01	value
518	1	SOU518-021	Uranium	8.85E+02	mg/kg	Avg	2.17E+02	value
518	1	SOU518-021	Uranium-235	5.80E-02	pCi/g	Avg	6.74E-02	value
518	1	SOU518-021	Uranium-238	1.36E+00	pCi/g	Avg	1.51E+00	value
518	1	SOU518-022	Arsenic	8.63E+00	mg/kg	Grid Value	6.45E+00	value
518	1	SOU518-022	Carbazole	7.10E+00	mg/kg	Grid Value	1.17E+01	value
518	1	SOU518-022	Cobalt	4.52E+00	mg/kg	Grid Value	6.80E+00	value
518	1	SOU518-022	Nickel	1.26E+01	mg/kg	Grid Value	1.29E+01	value
518	1	SOU518-022	PCB, Total	1.00E-01	mg/kg	Grid Value	6.30E-01	value
518	1	SOU518-022	Pyrene	5.20E+01	mg/kg	Grid Value	3.94E+01	value
518	1	SOU518-022	Total PAH	3.86E+01	mg/kg	Grid Value	3.90E+01	value
518	1	SOU518-022	Uranium	2.00E+03	mg/kg	Grid Value	2.17E+02	value
518	1	SOU518-022	Uranium-235	3.92E-02	pCi/g	Grid Value	6.74E-02	value
518	1	SOU518-022	Uranium-238	6.84E-01	pCi/g	Grid Value	1.51E+00	value
518	1	SOU518-023	Arsenic	6.05E+00	mg/kg	Avg	6.45E+00	value
518	1	SOU518-023	Carbazole	3.70E+01	mg/kg	Grid Value	1.17E+01	value
518	1	SOU518-023	Cobalt	5.77E+00	mg/kg	Avg	6.80E+00	value
518	1	SOU518-023	Nickel	1.16E+01	mg/kg	Avg	1.29E+01	value
518	1	SOU518-023	PCB, Total	3.18E-01	mg/kg	Avg	6.30E-01	value
518	1	SOU518-023	Pyrene	1.50E+02	mg/kg	Grid Value	3.94E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
518	1	SOU518-023	Total PAH	1.12E+02	mg/kg	Grid Value	3.90E+01	value
518	1	SOU518-023	Uranium	8.85E+02	mg/kg	Avg	2.17E+02	value
518	1	SOU518-023	Uranium-235	5.80E-02	pCi/g	Avg	6.74E-02	value
518	1	SOU518-023	Uranium-238	1.36E+00	pCi/g	Avg	1.51E+00	value
520	1	SOU520-013	Aluminum	4.81E+03	mg/kg	Grid Value	9.61E+03	value
520	1	SOU520-013	Arsenic	8.83E+00	mg/kg	Grid Value	8.83E+00	value
520	1	SOU520-013	Barium	7.90E+01	mg/kg	Grid Value	1.57E+02	value
520	1	SOU520-013	Beryllium	4.00E-01	mg/kg	Grid Value	5.77E-01	value
520	1	SOU520-013	Chromium	6.80E+00	mg/kg	Grid Value	5.95E+01	value
520	1	SOU520-013	Cobalt	4.60E+00	mg/kg	Grid Value	1.08E+01	value
520	1	SOU520-013	Iron	3.26E+04	mg/kg	Grid Value	1.70E+04	value
520	1	SOU520-013	Manganese	5.46E+02	mg/kg	Grid Value	7.31E+02	value
520	1	SOU520-013	Mercury	2.01E-02	mg/kg	Grid Value	1.07E+01	value
520	1	SOU520-013	Nickel	2.36E+02	mg/kg	Grid Value	2.56E+02	value
520	1	SOU520-013	Silver	4.50E-02	mg/kg	Grid Value	1.40E+01	value
520	1	SOU520-013	Total PAH	7.80E-03	mg/kg	Grid Value	3.18E-02	value
520	1	SOU520-013	Uranium	1.05E+01	mg/kg	Grid Value	1.75E+01	value
520	1	SOU520-013	Cesium-137	-4.00E-03	pCi/g	Grid Value	8.53E-01	value
520	1	SOU520-013	Neptunium-237	6.00E-03	pCi/g	Grid Value	5.37E-01	value
520	1	SOU520-013	Thorium-230	1.06E+00	pCi/g	Grid Value	1.02E+01	value
520	1	SOU520-013	Uranium-235	6.30E-02	pCi/g	Grid Value	1.21E-01	value
520	1	SOU520-013	Uranium-238	1.37E+00	pCi/g	Grid Value	3.69E+00	value
520	1	SOU520-014	Aluminum	8.92E+03	mg/kg	Avg	9.61E+03	value
520	1	SOU520-014	Arsenic	1.10E+01	mg/kg	Grid Value	8.83E+00	value
520	1	SOU520-014	Barium	1.39E+02	mg/kg	Avg	1.57E+02	value
520	1	SOU520-014	Beryllium	5.48E-01	mg/kg	Avg	5.77E-01	value
520	1	SOU520-014	Chromium	8.50E+01	mg/kg	Grid Value	5.95E+01	value
520	1	SOU520-014	Cobalt	9.45E+00	mg/kg	Avg	1.08E+01	value
520	1	SOU520-014	Iron	8.60E+03	mg/kg	Grid Value	1.70E+04	value
520	1	SOU520-014	Manganese	2.71E+02	mg/kg	Grid Value	7.31E+02	value
520	1	SOU520-014	Mercury	1.00E+01	mg/kg	Grid Value	1.07E+01	value
520	1	SOU520-014	Nickel	7.67E+01	mg/kg	Grid Value	2.56E+02	value
520	1	SOU520-014	Silver	1.00E+01	mg/kg	Grid Value	1.40E+01	value
520	1	SOU520-014	Total PAH	2.47E-01	mg/kg	Avg	3.18E-02	value
520	1	SOU520-014	Uranium	1.84E+01	mg/kg	Grid Value	1.75E+01	value
520	1	SOU520-014	Cesium-137	1.61E+00	pCi/g	Grid Value	8.53E-01	value
520	1	SOU520-014	Neptunium-237	1.10E+00	pCi/g	Grid Value	5.37E-01	value
520	1	SOU520-014	Thorium-230	1.87E+01	pCi/g	Grid Value	1.02E+01	value
520	1	SOU520-014	Uranium-235	1.90E-01	pCi/g	Grid Value	1.21E-01	value
520	1	SOU520-014	Uranium-238	6.14E+00	pCi/g	Grid Value	3.69E+00	value
520	1	SOU520-015	Aluminum	8.92E+03	mg/kg	Avg	9.61E+03	value
520	1	SOU520-015	Arsenic	1.10E+01	mg/kg	Grid Value	8.83E+00	value
520	1	SOU520-015	Barium	1.39E+02	mg/kg	Avg	1.57E+02	value
520	1	SOU520-015	Beryllium	5.48E-01	mg/kg	Avg	5.77E-01	value
520	1	SOU520-015	Chromium	4.53E+01	mg/kg	Grid Value	5.95E+01	value
520	1	SOU520-015	Cobalt	9.45E+00	mg/kg	Avg	1.08E+01	value
520	1	SOU520-015	Iron	1.73E+04	mg/kg	Grid Value	1.70E+04	value
520	1	SOU520-015	Manganese	3.00E+02	mg/kg	Grid Value	7.31E+02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
520	1	SOU520-015	Mercury	1.00E+01	mg/kg	Grid Value	1.07E+01	value
520	1	SOU520-015	Nickel	2.48E+02	mg/kg	Grid Value	2.56E+02	value
520	1	SOU520-015	Silver	1.00E+01	mg/kg	Grid Value	1.40E+01	value
520	1	SOU520-015	Total PAH	2.47E-01	mg/kg	Avg	3.18E-02	value
520	1	SOU520-015	Uranium	2.00E+01	mg/kg	Grid Value	1.75E+01	value
520	1	SOU520-015	Cesium-137	4.02E-01	pCi/g	Avg	8.53E-01	value
520	1	SOU520-015	Neptunium-237	2.19E-01	pCi/g	Avg	5.37E-01	value
520	1	SOU520-015	Thorium-230	5.15E+00	pCi/g	Avg	1.02E+01	value
520	1	SOU520-015	Uranium-235	7.66E-02	pCi/g	Avg	1.21E-01	value
520	1	SOU520-015	Uranium-238	2.18E+00	pCi/g	Avg	3.69E+00	value
520	1	SOU520-027	Aluminum	8.92E+03	mg/kg	Avg	9.61E+03	value
520	1	SOU520-027	Arsenic	8.77E+00	mg/kg	Grid Value	8.83E+00	value
520	1	SOU520-027	Barium	1.39E+02	mg/kg	Avg	1.57E+02	value
520	1	SOU520-027	Beryllium	5.48E-01	mg/kg	Avg	5.77E-01	value
520	1	SOU520-027	Chromium	6.75E+01	mg/kg	Grid Value	5.95E+01	value
520	1	SOU520-027	Cobalt	9.45E+00	mg/kg	Avg	1.08E+01	value
520	1	SOU520-027	Iron	1.59E+04	mg/kg	Grid Value	1.70E+04	value
520	1	SOU520-027	Manganese	1.02E+03	mg/kg	Grid Value	7.31E+02	value
520	1	SOU520-027	Mercury	1.00E+01	mg/kg	Grid Value	1.07E+01	value
520	1	SOU520-027	Nickel	1.05E+02	mg/kg	Grid Value	2.56E+02	value
520	1	SOU520-027	Silver	1.40E+01	mg/kg	Grid Value	1.40E+01	value
520	1	SOU520-027	Total PAH	2.47E-01	mg/kg	Avg	3.18E-02	value
520	1	SOU520-027	Uranium	2.00E+01	mg/kg	Grid Value	1.75E+01	value
520	1	SOU520-027	Cesium-137	4.02E-01	pCi/g	Avg	8.53E-01	value
520	1	SOU520-027	Neptunium-237	2.19E-01	pCi/g	Avg	5.37E-01	value
520	1	SOU520-027	Thorium-230	5.15E+00	pCi/g	Avg	1.02E+01	value
520	1	SOU520-027	Uranium-235	7.66E-02	pCi/g	Avg	1.21E-01	value
520	1	SOU520-027	Uranium-238	2.18E+00	pCi/g	Avg	3.69E+00	value
520	1	SOU520-028	Aluminum	8.92E+03	mg/kg	Avg	9.61E+03	value
520	1	SOU520-028	Arsenic	8.49E+00	mg/kg	Avg	8.83E+00	value
520	1	SOU520-028	Barium	1.39E+02	mg/kg	Avg	1.57E+02	value
520	1	SOU520-028	Beryllium	5.48E-01	mg/kg	Avg	5.77E-01	value
520	1	SOU520-028	Chromium	4.72E+01	mg/kg	Avg	5.95E+01	value
520	1	SOU520-028	Cobalt	9.45E+00	mg/kg	Avg	1.08E+01	value
520	1	SOU520-028	Iron	1.42E+04	mg/kg	Avg	1.70E+04	value
520	1	SOU520-028	Manganese	5.48E+02	mg/kg	Avg	7.31E+02	value
520	1	SOU520-028	Mercury	7.03E+00	mg/kg	Avg	1.07E+01	value
520	1	SOU520-028	Nickel	1.68E+02	mg/kg	Avg	2.56E+02	value
520	1	SOU520-028	Silver	7.93E+00	mg/kg	Avg	1.40E+01	value
520	1	SOU520-028	Total PAH	2.47E-01	mg/kg	Avg	3.18E-02	value
520	1	SOU520-028	Uranium	1.43E+01	mg/kg	Avg	1.75E+01	value
520	1	SOU520-028	Cesium-137	4.02E-01	pCi/g	Avg	8.53E-01	value
520	1	SOU520-028	Neptunium-237	2.19E-01	pCi/g	Avg	5.37E-01	value
520	1	SOU520-028	Thorium-230	5.15E+00	pCi/g	Avg	1.02E+01	value
520	1	SOU520-028	Uranium-235	7.66E-02	pCi/g	Avg	1.21E-01	value
520	1	SOU520-028	Uranium-238	2.18E+00	pCi/g	Avg	3.69E+00	value
520	1	SOU520-029	Aluminum	8.92E+03	mg/kg	Avg	9.61E+03	value
520	1	SOU520-029	Arsenic	6.77E+00	mg/kg	Grid Value	8.83E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
520	1	SOU520-029	Barium	1.39E+02	mg/kg	Avg	1.57E+02	value
520	1	SOU520-029	Beryllium	5.48E-01	mg/kg	Avg	5.77E-01	value
520	1	SOU520-029	Chromium	8.50E+01	mg/kg	Grid Value	5.95E+01	value
520	1	SOU520-029	Cobalt	9.45E+00	mg/kg	Avg	1.08E+01	value
520	1	SOU520-029	Iron	9.54E+03	mg/kg	Grid Value	1.70E+04	value
520	1	SOU520-029	Manganese	2.75E+02	mg/kg	Grid Value	7.31E+02	value
520	1	SOU520-029	Mercury	1.00E+01	mg/kg	Grid Value	1.07E+01	value
520	1	SOU520-029	Nickel	1.15E+02	mg/kg	Grid Value	2.56E+02	value
520	1	SOU520-029	Silver	1.00E+01	mg/kg	Grid Value	1.40E+01	value
520	1	SOU520-029	Total PAH	2.47E-01	mg/kg	Avg	3.18E-02	value
520	1	SOU520-029	Uranium	7.22E+00	mg/kg	Grid Value	1.75E+01	value
520	1	SOU520-029	Cesium-137	4.02E-01	pCi/g	Avg	8.53E-01	value
520	1	SOU520-029	Neptunium-237	2.19E-01	pCi/g	Avg	5.37E-01	value
520	1	SOU520-029	Thorium-230	5.15E+00	pCi/g	Avg	1.02E+01	value
520	1	SOU520-029	Uranium-235	7.66E-02	pCi/g	Avg	1.21E-01	value
520	1	SOU520-029	Uranium-238	2.18E+00	pCi/g	Avg	3.69E+00	value
520	1	SOU520-030	Aluminum	8.92E+03	mg/kg	Avg	9.61E+03	value
520	1	SOU520-030	Arsenic	1.10E+01	mg/kg	Grid Value	8.83E+00	value
520	1	SOU520-030	Barium	1.39E+02	mg/kg	Avg	1.57E+02	value
520	1	SOU520-030	Beryllium	5.48E-01	mg/kg	Avg	5.77E-01	value
520	1	SOU520-030	Chromium	3.70E+01	mg/kg	Grid Value	5.95E+01	value
520	1	SOU520-030	Cobalt	9.45E+00	mg/kg	Avg	1.08E+01	value
520	1	SOU520-030	Iron	1.17E+04	mg/kg	Grid Value	1.70E+04	value
520	1	SOU520-030	Manganese	3.01E+02	mg/kg	Grid Value	7.31E+02	value
520	1	SOU520-030	Mercury	9.53E+00	mg/kg	Grid Value	1.07E+01	value
520	1	SOU520-030	Nickel	9.70E+01	mg/kg	Grid Value	2.56E+02	value
520	1	SOU520-030	Silver	1.00E+01	mg/kg	Grid Value	1.40E+01	value
520	1	SOU520-030	Total PAH	2.47E-01	mg/kg	Avg	3.18E-02	value
520	1	SOU520-030	Uranium	2.29E+01	mg/kg	Grid Value	1.75E+01	value
520	1	SOU520-030	Cesium-137	4.02E-01	pCi/g	Avg	8.53E-01	value
520	1	SOU520-030	Neptunium-237	2.19E-01	pCi/g	Avg	5.37E-01	value
520	1	SOU520-030	Thorium-230	5.15E+00	pCi/g	Avg	1.02E+01	value
520	1	SOU520-030	Uranium-235	7.66E-02	pCi/g	Avg	1.21E-01	value
520	1	SOU520-030	Uranium-238	2.18E+00	pCi/g	Avg	3.69E+00	value
520	1	SOU520-042	Aluminum	8.92E+03	mg/kg	Avg	9.61E+03	value
520	1	SOU520-042	Arsenic	7.28E+00	mg/kg	Grid Value	8.83E+00	value
520	1	SOU520-042	Barium	1.39E+02	mg/kg	Avg	1.57E+02	value
520	1	SOU520-042	Beryllium	5.48E-01	mg/kg	Avg	5.77E-01	value
520	1	SOU520-042	Chromium	8.50E+01	mg/kg	Grid Value	5.95E+01	value
520	1	SOU520-042	Cobalt	9.45E+00	mg/kg	Avg	1.08E+01	value
520	1	SOU520-042	Iron	7.90E+03	mg/kg	Grid Value	1.70E+04	value
520	1	SOU520-042	Manganese	2.00E+02	mg/kg	Grid Value	7.31E+02	value
520	1	SOU520-042	Mercury	1.00E+01	mg/kg	Grid Value	1.07E+01	value
520	1	SOU520-042	Nickel	6.34E+01	mg/kg	Grid Value	2.56E+02	value
520	1	SOU520-042	Silver	1.00E+01	mg/kg	Grid Value	1.40E+01	value
520	1	SOU520-042	Total PAH	2.47E-01	mg/kg	Avg	3.18E-02	value
520	1	SOU520-042	Uranium	2.00E+01	mg/kg	Grid Value	1.75E+01	value
520	1	SOU520-042	Cesium-137	4.02E-01	pCi/g	Avg	8.53E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
520	1	SOU520-042	Neptunium-237	2.19E-01	pCi/g	Avg	5.37E-01	value
520	1	SOU520-042	Thorium-230	5.15E+00	pCi/g	Avg	1.02E+01	value
520	1	SOU520-042	Uranium-235	7.66E-02	pCi/g	Avg	1.21E-01	value
520	1	SOU520-042	Uranium-238	2.18E+00	pCi/g	Avg	3.69E+00	value
520	1	SOU520-043	Aluminum	8.92E+03	mg/kg	Avg	9.61E+03	value
520	1	SOU520-043	Arsenic	8.49E+00	mg/kg	Avg	8.83E+00	value
520	1	SOU520-043	Barium	1.39E+02	mg/kg	Avg	1.57E+02	value
520	1	SOU520-043	Beryllium	5.48E-01	mg/kg	Avg	5.77E-01	value
520	1	SOU520-043	Chromium	4.72E+01	mg/kg	Avg	5.95E+01	value
520	1	SOU520-043	Cobalt	9.45E+00	mg/kg	Avg	1.08E+01	value
520	1	SOU520-043	Iron	1.42E+04	mg/kg	Avg	1.70E+04	value
520	1	SOU520-043	Manganese	5.48E+02	mg/kg	Avg	7.31E+02	value
520	1	SOU520-043	Mercury	7.03E+00	mg/kg	Avg	1.07E+01	value
520	1	SOU520-043	Nickel	1.68E+02	mg/kg	Avg	2.56E+02	value
520	1	SOU520-043	Silver	7.93E+00	mg/kg	Avg	1.40E+01	value
520	1	SOU520-043	Total PAH	2.47E-01	mg/kg	Avg	3.18E-02	value
520	1	SOU520-043	Uranium	1.43E+01	mg/kg	Avg	1.75E+01	value
520	1	SOU520-043	Cesium-137	4.02E-01	pCi/g	Avg	8.53E-01	value
520	1	SOU520-043	Neptunium-237	2.19E-01	pCi/g	Avg	5.37E-01	value
520	1	SOU520-043	Thorium-230	5.15E+00	pCi/g	Avg	1.02E+01	value
520	1	SOU520-043	Uranium-235	7.66E-02	pCi/g	Avg	1.21E-01	value
520	1	SOU520-043	Uranium-238	2.18E+00	pCi/g	Avg	3.69E+00	value
520	1	SOU520-044	Aluminum	8.92E+03	mg/kg	Avg	9.61E+03	value
520	1	SOU520-044	Arsenic	8.49E+00	mg/kg	Avg	8.83E+00	value
520	1	SOU520-044	Barium	1.39E+02	mg/kg	Avg	1.57E+02	value
520	1	SOU520-044	Beryllium	5.48E-01	mg/kg	Avg	5.77E-01	value
520	1	SOU520-044	Chromium	4.72E+01	mg/kg	Avg	5.95E+01	value
520	1	SOU520-044	Cobalt	9.45E+00	mg/kg	Avg	1.08E+01	value
520	1	SOU520-044	Iron	1.42E+04	mg/kg	Avg	1.70E+04	value
520	1	SOU520-044	Manganese	5.48E+02	mg/kg	Avg	7.31E+02	value
520	1	SOU520-044	Mercury	7.03E+00	mg/kg	Avg	1.07E+01	value
520	1	SOU520-044	Nickel	1.68E+02	mg/kg	Avg	2.56E+02	value
520	1	SOU520-044	Silver	7.93E+00	mg/kg	Avg	1.40E+01	value
520	1	SOU520-044	Total PAH	2.47E-01	mg/kg	Avg	3.18E-02	value
520	1	SOU520-044	Uranium	1.43E+01	mg/kg	Avg	1.75E+01	value
520	1	SOU520-044	Cesium-137	4.02E-01	pCi/g	Avg	8.53E-01	value
520	1	SOU520-044	Neptunium-237	2.19E-01	pCi/g	Avg	5.37E-01	value
520	1	SOU520-044	Thorium-230	5.15E+00	pCi/g	Avg	1.02E+01	value
520	1	SOU520-044	Uranium-235	7.66E-02	pCi/g	Avg	1.21E-01	value
520	1	SOU520-044	Uranium-238	2.18E+00	pCi/g	Avg	3.69E+00	value
520	1	SOU520-045	Aluminum	8.92E+03	mg/kg	Avg	9.61E+03	value
520	1	SOU520-045	Arsenic	8.49E+00	mg/kg	Avg	8.83E+00	value
520	1	SOU520-045	Barium	1.39E+02	mg/kg	Avg	1.57E+02	value
520	1	SOU520-045	Beryllium	5.48E-01	mg/kg	Avg	5.77E-01	value
520	1	SOU520-045	Chromium	4.72E+01	mg/kg	Avg	5.95E+01	value
520	1	SOU520-045	Cobalt	9.45E+00	mg/kg	Avg	1.08E+01	value
520	1	SOU520-045	Iron	1.42E+04	mg/kg	Avg	1.70E+04	value
520	1	SOU520-045	Manganese	5.48E+02	mg/kg	Avg	7.31E+02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
520	1	SOU520-045	Mercury	7.03E+00	mg/kg	Avg	1.07E+01	value
520	1	SOU520-045	Nickel	1.68E+02	mg/kg	Avg	2.56E+02	value
520	1	SOU520-045	Silver	7.93E+00	mg/kg	Avg	1.40E+01	value
520	1	SOU520-045	Total PAH	2.47E-01	mg/kg	Avg	3.18E-02	value
520	1	SOU520-045	Uranium	1.43E+01	mg/kg	Avg	1.75E+01	value
520	1	SOU520-045	Cesium-137	4.02E-01	pCi/g	Avg	8.53E-01	value
520	1	SOU520-045	Neptunium-237	2.19E-01	pCi/g	Avg	5.37E-01	value
520	1	SOU520-045	Thorium-230	5.15E+00	pCi/g	Avg	1.02E+01	value
520	1	SOU520-045	Uranium-235	7.66E-02	pCi/g	Avg	1.21E-01	value
520	1	SOU520-045	Uranium-238	2.18E+00	pCi/g	Avg	3.69E+00	value
520	1	SOU520-057	Aluminum	1.21E+04	mg/kg	Grid Value	9.61E+03	value
520	1	SOU520-057	Arsenic	6.47E+00	mg/kg	Grid Value	8.83E+00	value
520	1	SOU520-057	Barium	2.58E+02	mg/kg	Grid Value	1.57E+02	value
520	1	SOU520-057	Beryllium	5.90E-01	mg/kg	Grid Value	5.77E-01	value
520	1	SOU520-057	Chromium	1.54E+01	mg/kg	Grid Value	5.95E+01	value
520	1	SOU520-057	Cobalt	7.56E+00	mg/kg	Grid Value	1.08E+01	value
520	1	SOU520-057	Iron	1.47E+04	mg/kg	Grid Value	1.70E+04	value
520	1	SOU520-057	Manganese	3.95E+02	mg/kg	Grid Value	7.31E+02	value
520	1	SOU520-057	Mercury	2.77E-02	mg/kg	Grid Value	1.07E+01	value
520	1	SOU520-057	Nickel	6.48E+02	mg/kg	Grid Value	2.56E+02	value
520	1	SOU520-057	Silver	4.40E-02	mg/kg	Grid Value	1.40E+01	value
520	1	SOU520-057	Total PAH	3.18E-02	mg/kg	Grid Value	3.18E-02	value
520	1	SOU520-057	Uranium	3.22E+00	mg/kg	Grid Value	1.75E+01	value
520	1	SOU520-057	Cesium-137	7.00E-03	pCi/g	Grid Value	8.53E-01	value
520	1	SOU520-057	Neptunium-237	1.00E-03	pCi/g	Grid Value	5.37E-01	value
520	1	SOU520-057	Thorium-230	6.58E-01	pCi/g	Grid Value	1.02E+01	value
520	1	SOU520-057	Uranium-235	5.20E-02	pCi/g	Grid Value	1.21E-01	value
520	1	SOU520-057	Uranium-238	1.07E+00	pCi/g	Grid Value	3.69E+00	value
520	1	SOU520-058	Aluminum	9.76E+03	mg/kg	Grid Value	9.61E+03	value
520	1	SOU520-058	Arsenic	8.79E+00	mg/kg	Grid Value	8.83E+00	value
520	1	SOU520-058	Barium	9.86E+01	mg/kg	Grid Value	1.57E+02	value
520	1	SOU520-058	Beryllium	7.00E-01	mg/kg	Grid Value	5.77E-01	value
520	1	SOU520-058	Chromium	1.28E+01	mg/kg	Grid Value	5.95E+01	value
520	1	SOU520-058	Cobalt	7.75E+00	mg/kg	Grid Value	1.08E+01	value
520	1	SOU520-058	Iron	1.25E+04	mg/kg	Grid Value	1.70E+04	value
520	1	SOU520-058	Manganese	6.18E+02	mg/kg	Grid Value	7.31E+02	value
520	1	SOU520-058	Mercury	6.90E-02	mg/kg	Grid Value	1.07E+01	value
520	1	SOU520-058	Nickel	8.46E+01	mg/kg	Grid Value	2.56E+02	value
520	1	SOU520-058	Silver	1.13E+01	mg/kg	Grid Value	1.40E+01	value
520	1	SOU520-058	Total PAH	4.90E-01	mg/kg	Grid Value	3.18E-02	value
520	1	SOU520-058	Uranium	4.75E-01	mg/kg	Grid Value	1.75E+01	value
520	1	SOU520-058	Cesium-137	-6.01E-03	pCi/g	Grid Value	8.53E-01	value
520	1	SOU520-058	Neptunium-237	-3.93E-03	pCi/g	Grid Value	5.37E-01	value
520	1	SOU520-058	Thorium-230	2.01E-01	pCi/g	Grid Value	1.02E+01	value
520	1	SOU520-058	Uranium-235	1.41E-03	pCi/g	Grid Value	1.21E-01	value
520	1	SOU520-058	Uranium-238	1.59E-01	pCi/g	Grid Value	3.69E+00	value
520	1	SOU520-059	Aluminum	9.01E+03	mg/kg	Grid Value	9.61E+03	value
520	1	SOU520-059	Arsenic	5.00E+00	mg/kg	Grid Value	8.83E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
520	1	SOU520-059	Barium	1.19E+02	mg/kg	Grid Value	1.57E+02	value
520	1	SOU520-059	Beryllium	5.00E-01	mg/kg	Grid Value	5.77E-01	value
520	1	SOU520-059	Chromium	3.17E+01	mg/kg	Grid Value	5.95E+01	value
520	1	SOU520-059	Cobalt	1.79E+01	mg/kg	Grid Value	1.08E+01	value
520	1	SOU520-059	Iron	1.08E+04	mg/kg	Grid Value	1.70E+04	value
520	1	SOU520-059	Manganese	1.55E+03	mg/kg	Grid Value	7.31E+02	value
520	1	SOU520-059	Mercury	1.07E+01	mg/kg	Grid Value	1.07E+01	value
520	1	SOU520-059	Nickel	1.12E+01	mg/kg	Grid Value	2.56E+02	value
520	1	SOU520-059	Silver	4.00E+00	mg/kg	Grid Value	1.40E+01	value
520	1	SOU520-059	Total PAH	4.60E-01	mg/kg	Grid Value	3.18E-02	value
520	1	SOU520-059	Uranium	2.00E+01	mg/kg	Grid Value	1.75E+01	value
520	1	SOU520-059	Cesium-137	4.02E-01	pCi/g	Avg	8.53E-01	value
520	1	SOU520-059	Neptunium-237	-7.94E-03	pCi/g	Grid Value	5.37E-01	value
520	1	SOU520-059	Thorium-230	5.15E+00	pCi/g	Avg	1.02E+01	value
520	1	SOU520-059	Uranium-235	7.66E-02	pCi/g	Avg	1.21E-01	value
520	1	SOU520-059	Uranium-238	2.18E+00	pCi/g	Avg	3.69E+00	value
520	2	SOU520-002	Arsenic	1.10E+01	mg/kg	Grid Value	9.87E+00	value
520	2	SOU520-002	Chromium	8.50E+01	mg/kg	Grid Value	6.67E+01	value
520	2	SOU520-002	Manganese	3.81E+02	mg/kg	Grid Value	6.49E+02	value
520	2	SOU520-002	Mercury	1.00E+01	mg/kg	Grid Value	1.19E+01	value
520	2	SOU520-002	Nickel	1.31E+02	mg/kg	Grid Value	3.10E+02	value
520	2	SOU520-002	Radium-226	1.56E+00	mg/kg	Avg	1.56E+00	value
520	2	SOU520-002	Total PAH	2.10E-01	mg/kg	Avg	2.53E-01	value
520	2	SOU520-002	Uranium	8.45E+00	mg/kg	Grid Value	3.96E+01	value
520	2	SOU520-002	Neptunium-237	5.00E-02	pCi/g	Avg	5.90E-02	value
520	2	SOU520-002	Uranium-238	1.48E+00	pCi/g	Avg	1.58E+00	value
520	2	SOU520-003	Arsenic	1.10E+01	mg/kg	Grid Value	9.87E+00	value
520	2	SOU520-003	Chromium	3.67E+01	mg/kg	Grid Value	6.67E+01	value
520	2	SOU520-003	Manganese	5.62E+02	mg/kg	Grid Value	6.49E+02	value
520	2	SOU520-003	Mercury	1.00E+01	mg/kg	Grid Value	1.19E+01	value
520	2	SOU520-003	Nickel	2.41E+02	mg/kg	Grid Value	3.10E+02	value
520	2	SOU520-003	Radium-226	1.56E+00	mg/kg	Avg	1.56E+00	value
520	2	SOU520-003	Total PAH	2.10E-01	mg/kg	Avg	2.53E-01	value
520	2	SOU520-003	Uranium	2.00E+01	mg/kg	Grid Value	3.96E+01	value
520	2	SOU520-003	Neptunium-237	5.00E-02	pCi/g	Avg	5.90E-02	value
520	2	SOU520-003	Uranium-238	1.48E+00	pCi/g	Avg	1.58E+00	value
520	2	SOU520-004	Arsenic	9.34E+00	mg/kg	Grid Value	9.87E+00	value
520	2	SOU520-004	Chromium	4.03E+01	mg/kg	Grid Value	6.67E+01	value
520	2	SOU520-004	Manganese	2.72E+02	mg/kg	Grid Value	6.49E+02	value
520	2	SOU520-004	Mercury	1.00E+01	mg/kg	Grid Value	1.19E+01	value
520	2	SOU520-004	Nickel	1.42E+02	mg/kg	Grid Value	3.10E+02	value
520	2	SOU520-004	Radium-226	1.56E+00	mg/kg	Avg	1.56E+00	value
520	2	SOU520-004	Total PAH	2.10E-01	mg/kg	Avg	2.53E-01	value
520	2	SOU520-004	Uranium	1.31E+01	mg/kg	Grid Value	3.96E+01	value
520	2	SOU520-004	Neptunium-237	5.00E-02	pCi/g	Avg	5.90E-02	value
520	2	SOU520-004	Uranium-238	1.48E+00	pCi/g	Avg	1.58E+00	value
520	2	SOU520-016	Arsenic	8.79E+00	mg/kg	Grid Value	9.87E+00	value
520	2	SOU520-016	Chromium	3.55E+01	mg/kg	Grid Value	6.67E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
520	2	SOU520-016	Manganese	1.76E+03	mg/kg	Grid Value	6.49E+02	value
520	2	SOU520-016	Mercury	1.00E+01	mg/kg	Grid Value	1.19E+01	value
520	2	SOU520-016	Nickel	3.44E+02	mg/kg	Grid Value	3.10E+02	value
520	2	SOU520-016	Radium-226	1.56E+00	mg/kg	Avg	1.56E+00	value
520	2	SOU520-016	Total PAH	2.10E-01	mg/kg	Avg	2.53E-01	value
520	2	SOU520-016	Uranium	1.88E+01	mg/kg	Grid Value	3.96E+01	value
520	2	SOU520-016	Neptunium-237	5.00E-02	pCi/g	Avg	5.90E-02	value
520	2	SOU520-016	Uranium-238	1.48E+00	pCi/g	Avg	1.58E+00	value
520	2	SOU520-017	Arsenic	7.30E+00	mg/kg	Grid Value	9.87E+00	value
520	2	SOU520-017	Chromium	1.10E+01	mg/kg	Grid Value	6.67E+01	value
520	2	SOU520-017	Manganese	6.25E+02	mg/kg	Grid Value	6.49E+02	value
520	2	SOU520-017	Mercury	1.19E+01	mg/kg	Grid Value	1.19E+01	value
520	2	SOU520-017	Nickel	4.52E+02	mg/kg	Grid Value	3.10E+02	value
520	2	SOU520-017	Radium-226	1.56E+00	mg/kg	Avg	1.56E+00	value
520	2	SOU520-017	Total PAH	6.92E-02	mg/kg	Grid Value	2.53E-01	value
520	2	SOU520-017	Uranium	9.30E+00	mg/kg	Grid Value	3.96E+01	value
520	2	SOU520-017	Neptunium-237	1.50E-02	pCi/g	Grid Value	5.90E-02	value
520	2	SOU520-017	Uranium-238	1.01E+00	pCi/g	Grid Value	1.58E+00	value
520	2	SOU520-018	Arsenic	1.03E+01	mg/kg	Grid Value	9.87E+00	value
520	2	SOU520-018	Chromium	6.67E+01	mg/kg	Grid Value	6.67E+01	value
520	2	SOU520-018	Manganese	4.59E+02	mg/kg	Grid Value	6.49E+02	value
520	2	SOU520-018	Mercury	1.00E+01	mg/kg	Grid Value	1.19E+01	value
520	2	SOU520-018	Nickel	8.10E+02	mg/kg	Grid Value	3.10E+02	value
520	2	SOU520-018	Radium-226	1.56E+00	mg/kg	Avg	1.56E+00	value
520	2	SOU520-018	Total PAH	2.10E-01	mg/kg	Avg	2.53E-01	value
520	2	SOU520-018	Uranium	2.87E+01	mg/kg	Grid Value	3.96E+01	value
520	2	SOU520-018	Neptunium-237	5.00E-02	pCi/g	Avg	5.90E-02	value
520	2	SOU520-018	Uranium-238	1.48E+00	pCi/g	Avg	1.58E+00	value
520	2	SOU520-031	Arsenic	7.06E+00	mg/kg	Grid Value	9.87E+00	value
520	2	SOU520-031	Chromium	8.50E+01	mg/kg	Grid Value	6.67E+01	value
520	2	SOU520-031	Manganese	2.61E+02	mg/kg	Grid Value	6.49E+02	value
520	2	SOU520-031	Mercury	1.00E+01	mg/kg	Grid Value	1.19E+01	value
520	2	SOU520-031	Nickel	1.13E+02	mg/kg	Grid Value	3.10E+02	value
520	2	SOU520-031	Radium-226	1.56E+00	mg/kg	Avg	1.56E+00	value
520	2	SOU520-031	Total PAH	2.10E-01	mg/kg	Avg	2.53E-01	value
520	2	SOU520-031	Uranium	6.08E+01	mg/kg	Grid Value	3.96E+01	value
520	2	SOU520-031	Neptunium-237	5.00E-02	pCi/g	Avg	5.90E-02	value
520	2	SOU520-031	Uranium-238	1.48E+00	pCi/g	Avg	1.58E+00	value
520	2	SOU520-032	Arsenic	1.10E+01	mg/kg	Grid Value	9.87E+00	value
520	2	SOU520-032	Chromium	8.50E+01	mg/kg	Grid Value	6.67E+01	value
520	2	SOU520-032	Manganese	3.47E+02	mg/kg	Grid Value	6.49E+02	value
520	2	SOU520-032	Mercury	1.00E+01	mg/kg	Grid Value	1.19E+01	value
520	2	SOU520-032	Nickel	5.45E+01	mg/kg	Grid Value	3.10E+02	value
520	2	SOU520-032	Radium-226	1.56E+00	mg/kg	Avg	1.56E+00	value
520	2	SOU520-032	Total PAH	2.10E-01	mg/kg	Avg	2.53E-01	value
520	2	SOU520-032	Uranium	2.00E+01	mg/kg	Grid Value	3.96E+01	value
520	2	SOU520-032	Neptunium-237	5.00E-02	pCi/g	Avg	5.90E-02	value
520	2	SOU520-032	Uranium-238	1.48E+00	pCi/g	Avg	1.58E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
520	2	SOU520-033	Arsenic	1.10E+01	mg/kg	Grid Value	9.87E+00	value
520	2	SOU520-033	Chromium	8.50E+01	mg/kg	Grid Value	6.67E+01	value
520	2	SOU520-033	Manganese	3.30E+02	mg/kg	Grid Value	6.49E+02	value
520	2	SOU520-033	Mercury	1.00E+01	mg/kg	Grid Value	1.19E+01	value
520	2	SOU520-033	Nickel	1.72E+02	mg/kg	Grid Value	3.10E+02	value
520	2	SOU520-033	Radium-226	1.56E+00	mg/kg	Avg	1.56E+00	value
520	2	SOU520-033	Total PAH	2.10E-01	mg/kg	Avg	2.53E-01	value
520	2	SOU520-033	Uranium	9.62E+00	mg/kg	Grid Value	3.96E+01	value
520	2	SOU520-033	Neptunium-237	5.00E-02	pCi/g	Avg	5.90E-02	value
520	2	SOU520-033	Uranium-238	1.48E+00	pCi/g	Avg	1.58E+00	value
520	2	SOU520-046	Arsenic	9.15E+00	mg/kg	Avg	9.87E+00	value
520	2	SOU520-046	Chromium	5.20E+01	mg/kg	Avg	6.67E+01	value
520	2	SOU520-046	Manganese	4.96E+02	mg/kg	Avg	6.49E+02	value
520	2	SOU520-046	Mercury	8.72E+00	mg/kg	Avg	1.19E+01	value
520	2	SOU520-046	Nickel	2.06E+02	mg/kg	Avg	3.10E+02	value
520	2	SOU520-046	Radium-226	1.56E+00	mg/kg	Avg	1.56E+00	value
520	2	SOU520-046	Total PAH	2.10E-01	mg/kg	Avg	2.53E-01	value
520	2	SOU520-046	Uranium	2.67E+01	mg/kg	Avg	3.96E+01	value
520	2	SOU520-046	Neptunium-237	5.00E-02	pCi/g	Avg	5.90E-02	value
520	2	SOU520-046	Uranium-238	1.48E+00	pCi/g	Avg	1.58E+00	value
520	2	SOU520-047	Arsenic	1.04E+01	mg/kg	Grid Value	9.87E+00	value
520	2	SOU520-047	Chromium	3.34E+01	mg/kg	Grid Value	6.67E+01	value
520	2	SOU520-047	Manganese	4.73E+02	mg/kg	Grid Value	6.49E+02	value
520	2	SOU520-047	Mercury	4.89E-02	mg/kg	Grid Value	1.19E+01	value
520	2	SOU520-047	Nickel	1.68E+02	mg/kg	Grid Value	3.10E+02	value
520	2	SOU520-047	Radium-226	1.56E+00	mg/kg	Avg	1.56E+00	value
520	2	SOU520-047	Total PAH	6.38E-02	mg/kg	Grid Value	2.53E-01	value
520	2	SOU520-047	Uranium	1.11E+01	mg/kg	Grid Value	3.96E+01	value
520	2	SOU520-047	Neptunium-237	1.10E-01	pCi/g	Grid Value	5.90E-02	value
520	2	SOU520-047	Uranium-238	2.06E+00	pCi/g	Grid Value	1.58E+00	value
520	2	SOU520-048	Arsenic	8.06E+00	mg/kg	Grid Value	9.87E+00	value
520	2	SOU520-048	Chromium	8.50E+01	mg/kg	Grid Value	6.67E+01	value
520	2	SOU520-048	Manganese	4.32E+02	mg/kg	Grid Value	6.49E+02	value
520	2	SOU520-048	Mercury	1.00E+01	mg/kg	Grid Value	1.19E+01	value
520	2	SOU520-048	Nickel	6.85E+01	mg/kg	Grid Value	3.10E+02	value
520	2	SOU520-048	Radium-226	1.56E+00	mg/kg	Avg	1.56E+00	value
520	2	SOU520-048	Total PAH	2.10E-01	mg/kg	Avg	2.53E-01	value
520	2	SOU520-048	Uranium	2.00E+01	mg/kg	Grid Value	3.96E+01	value
520	2	SOU520-048	Neptunium-237	5.00E-02	pCi/g	Avg	5.90E-02	value
520	2	SOU520-048	Uranium-238	1.48E+00	pCi/g	Avg	1.58E+00	value
520	2	SOU520-060	Arsenic	6.38E+00	mg/kg	Grid Value	9.87E+00	value
520	2	SOU520-060	Chromium	1.44E+01	mg/kg	Grid Value	6.67E+01	value
520	2	SOU520-060	Manganese	5.34E+02	mg/kg	Grid Value	6.49E+02	value
520	2	SOU520-060	Mercury	2.00E-01	mg/kg	Grid Value	1.19E+01	value
520	2	SOU520-060	Nickel	4.32E+01	mg/kg	Grid Value	3.10E+02	value
520	2	SOU520-060	Radium-226	1.56E+00	mg/kg	Grid Value	1.56E+00	value
520	2	SOU520-060	Total PAH	4.97E-01	mg/kg	Grid Value	2.53E-01	value
520	2	SOU520-060	Uranium	1.14E+02	mg/kg	Grid Value	3.96E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
520	2	SOU520-060	Neptunium-237	2.50E-02	pCi/g	Grid Value	5.90E-02	value
520	2	SOU520-060	Uranium-238	1.38E+00	pCi/g	Grid Value	1.58E+00	value
520	2	SOU520-061	Arsenic	8.26E+00	mg/kg	Grid Value	9.87E+00	value
520	2	SOU520-061	Chromium	3.13E+01	mg/kg	Grid Value	6.67E+01	value
520	2	SOU520-061	Manganese	2.29E+02	mg/kg	Grid Value	6.49E+02	value
520	2	SOU520-061	Mercury	1.00E+01	mg/kg	Grid Value	1.19E+01	value
520	2	SOU520-061	Nickel	8.28E+01	mg/kg	Grid Value	3.10E+02	value
520	2	SOU520-061	Radium-226	1.56E+00	mg/kg	Avg	1.56E+00	value
520	2	SOU520-061	Total PAH	2.10E-01	mg/kg	Avg	2.53E-01	value
520	2	SOU520-061	Uranium	2.00E+01	mg/kg	Grid Value	3.96E+01	value
520	2	SOU520-061	Neptunium-237	5.00E-02	pCi/g	Avg	5.90E-02	value
520	2	SOU520-061	Uranium-238	1.48E+00	pCi/g	Avg	1.58E+00	value
520	2	SOU520-062	Arsenic	8.23E+00	mg/kg	Grid Value	9.87E+00	value
520	2	SOU520-062	Chromium	3.37E+01	mg/kg	Grid Value	6.67E+01	value
520	2	SOU520-062	Manganese	2.84E+02	mg/kg	Grid Value	6.49E+02	value
520	2	SOU520-062	Mercury	1.00E+01	mg/kg	Grid Value	1.19E+01	value
520	2	SOU520-062	Nickel	6.50E+01	mg/kg	Grid Value	3.10E+02	value
520	2	SOU520-062	Radium-226	1.56E+00	mg/kg	Avg	1.56E+00	value
520	2	SOU520-062	Total PAH	2.10E-01	mg/kg	Avg	2.53E-01	value
520	2	SOU520-062	Uranium	2.00E+01	mg/kg	Grid Value	3.96E+01	value
520	2	SOU520-062	Neptunium-237	5.00E-02	pCi/g	Avg	5.90E-02	value
520	2	SOU520-062	Uranium-238	1.48E+00	pCi/g	Avg	1.58E+00	value
520	3	SOU520-005	Arsenic	1.10E+01	mg/kg	Grid Value	1.04E+01	value
520	3	SOU520-005	Chromium	8.50E+01	mg/kg	Grid Value	6.57E+01	value
520	3	SOU520-005	Copper	3.50E+01	mg/kg	Grid Value	1.18E+02	value
520	3	SOU520-005	Mercury	1.00E+01	mg/kg	Grid Value	6.65E+00	value
520	3	SOU520-005	Nickel	6.50E+01	mg/kg	Grid Value	3.31E+02	value
520	3	SOU520-005	Silver	1.00E+01	mg/kg	Grid Value	1.26E+01	value
520	3	SOU520-005	Total PAH	6.50E-02	mg/kg	Avg	7.42E-02	value
520	3	SOU520-005	Uranium	7.14E+00	mg/kg	Grid Value	1.85E+01	value
520	3	SOU520-005	Uranium-238	1.29E+00	pCi/g	Avg	1.34E+00	value
520	3	SOU520-006	Arsenic	6.71E+00	mg/kg	Grid Value	1.04E+01	value
520	3	SOU520-006	Chromium	8.50E+01	mg/kg	Grid Value	6.57E+01	value
520	3	SOU520-006	Copper	3.50E+01	mg/kg	Grid Value	1.18E+02	value
520	3	SOU520-006	Mercury	1.00E+01	mg/kg	Grid Value	6.65E+00	value
520	3	SOU520-006	Nickel	1.81E+02	mg/kg	Grid Value	3.31E+02	value
520	3	SOU520-006	Silver	1.00E+01	mg/kg	Grid Value	1.26E+01	value
520	3	SOU520-006	Total PAH	6.50E-02	mg/kg	Avg	7.42E-02	value
520	3	SOU520-006	Uranium	8.77E+00	mg/kg	Grid Value	1.85E+01	value
520	3	SOU520-006	Uranium-238	1.29E+00	pCi/g	Avg	1.34E+00	value
520	3	SOU520-007	Arsenic	1.10E+01	mg/kg	Grid Value	1.04E+01	value
520	3	SOU520-007	Chromium	8.50E+01	mg/kg	Grid Value	6.57E+01	value
520	3	SOU520-007	Copper	1.36E+02	mg/kg	Grid Value	1.18E+02	value
520	3	SOU520-007	Mercury	1.00E+01	mg/kg	Grid Value	6.65E+00	value
520	3	SOU520-007	Nickel	3.26E+02	mg/kg	Grid Value	3.31E+02	value
520	3	SOU520-007	Silver	1.00E+01	mg/kg	Grid Value	1.26E+01	value
520	3	SOU520-007	Total PAH	6.50E-02	mg/kg	Avg	7.42E-02	value
520	3	SOU520-007	Uranium	1.44E+01	mg/kg	Grid Value	1.85E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
520	3	SOU520-007	Uranium-238	1.29E+00	pCi/g	Avg	1.34E+00	value
520	3	SOU520-019	Arsenic	8.13E+00	mg/kg	Grid Value	1.04E+01	value
520	3	SOU520-019	Chromium	4.89E+01	mg/kg	Grid Value	6.57E+01	value
520	3	SOU520-019	Copper	2.40E+02	mg/kg	Grid Value	1.18E+02	value
520	3	SOU520-019	Mercury	1.00E+01	mg/kg	Grid Value	6.65E+00	value
520	3	SOU520-019	Nickel	6.31E+02	mg/kg	Grid Value	3.31E+02	value
520	3	SOU520-019	Silver	1.00E+01	mg/kg	Grid Value	1.26E+01	value
520	3	SOU520-019	Total PAH	6.50E-02	mg/kg	Avg	7.42E-02	value
520	3	SOU520-019	Uranium	2.82E+01	mg/kg	Grid Value	1.85E+01	value
520	3	SOU520-019	Uranium-238	1.29E+00	pCi/g	Avg	1.34E+00	value
520	3	SOU520-020	Arsenic	1.10E+01	mg/kg	Grid Value	1.04E+01	value
520	3	SOU520-020	Chromium	3.97E+01	mg/kg	Grid Value	6.57E+01	value
520	3	SOU520-020	Copper	3.50E+01	mg/kg	Grid Value	1.18E+02	value
520	3	SOU520-020	Mercury	1.00E+01	mg/kg	Grid Value	6.65E+00	value
520	3	SOU520-020	Nickel	6.50E+01	mg/kg	Grid Value	3.31E+02	value
520	3	SOU520-020	Silver	1.00E+01	mg/kg	Grid Value	1.26E+01	value
520	3	SOU520-020	Total PAH	6.50E-02	mg/kg	Avg	7.42E-02	value
520	3	SOU520-020	Uranium	2.00E+01	mg/kg	Grid Value	1.85E+01	value
520	3	SOU520-020	Uranium-238	1.29E+00	pCi/g	Avg	1.34E+00	value
520	3	SOU520-021	Arsenic	1.11E+01	mg/kg	Grid Value	1.04E+01	value
520	3	SOU520-021	Chromium	6.47E+01	mg/kg	Grid Value	6.57E+01	value
520	3	SOU520-021	Copper	3.50E+01	mg/kg	Grid Value	1.18E+02	value
520	3	SOU520-021	Mercury	1.00E+01	mg/kg	Grid Value	6.65E+00	value
520	3	SOU520-021	Nickel	1.49E+02	mg/kg	Grid Value	3.31E+02	value
520	3	SOU520-021	Silver	1.00E+01	mg/kg	Grid Value	1.26E+01	value
520	3	SOU520-021	Total PAH	6.50E-02	mg/kg	Avg	7.42E-02	value
520	3	SOU520-021	Uranium	2.00E+01	mg/kg	Grid Value	1.85E+01	value
520	3	SOU520-021	Uranium-238	1.29E+00	pCi/g	Avg	1.34E+00	value
520	3	SOU520-034	Arsenic	1.10E+01	mg/kg	Grid Value	1.04E+01	value
520	3	SOU520-034	Chromium	4.08E+01	mg/kg	Grid Value	6.57E+01	value
520	3	SOU520-034	Copper	3.50E+01	mg/kg	Grid Value	1.18E+02	value
520	3	SOU520-034	Mercury	1.00E+01	mg/kg	Grid Value	6.65E+00	value
520	3	SOU520-034	Nickel	2.92E+02	mg/kg	Grid Value	3.31E+02	value
520	3	SOU520-034	Silver	1.00E+01	mg/kg	Grid Value	1.26E+01	value
520	3	SOU520-034	Total PAH	6.50E-02	mg/kg	Avg	7.42E-02	value
520	3	SOU520-034	Uranium	1.40E+01	mg/kg	Grid Value	1.85E+01	value
520	3	SOU520-034	Uranium-238	1.29E+00	pCi/g	Avg	1.34E+00	value
520	3	SOU520-035	Arsenic	1.10E+01	mg/kg	Grid Value	1.04E+01	value
520	3	SOU520-035	Chromium	6.57E+01	mg/kg	Grid Value	6.57E+01	value
520	3	SOU520-035	Copper	2.76E+01	mg/kg	Grid Value	1.18E+02	value
520	3	SOU520-035	Mercury	1.00E+01	mg/kg	Grid Value	6.65E+00	value
520	3	SOU520-035	Nickel	6.47E+01	mg/kg	Grid Value	3.31E+02	value
520	3	SOU520-035	Silver	1.00E+01	mg/kg	Grid Value	1.26E+01	value
520	3	SOU520-035	Total PAH	6.50E-02	mg/kg	Avg	7.42E-02	value
520	3	SOU520-035	Uranium	2.00E+01	mg/kg	Grid Value	1.85E+01	value
520	3	SOU520-035	Uranium-238	1.29E+00	pCi/g	Avg	1.34E+00	value
520	3	SOU520-036	Arsenic	1.10E+01	mg/kg	Grid Value	1.04E+01	value
520	3	SOU520-036	Chromium	3.61E+01	mg/kg	Grid Value	6.57E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
520	3	SOU520-036	Copper	1.85E+01	mg/kg	Grid Value	1.18E+02	value
520	3	SOU520-036	Mercury	1.00E+01	mg/kg	Grid Value	6.65E+00	value
520	3	SOU520-036	Nickel	1.36E+02	mg/kg	Grid Value	3.31E+02	value
520	3	SOU520-036	Silver	1.33E+01	mg/kg	Grid Value	1.26E+01	value
520	3	SOU520-036	Total PAH	6.50E-02	mg/kg	Avg	7.42E-02	value
520	3	SOU520-036	Uranium	1.71E+01	mg/kg	Grid Value	1.85E+01	value
520	3	SOU520-036	Uranium-238	1.29E+00	pCi/g	Avg	1.34E+00	value
520	3	SOU520-049	Arsenic	8.91E+00	mg/kg	Grid Value	1.04E+01	value
520	3	SOU520-049	Chromium	9.70E+00	mg/kg	Grid Value	6.57E+01	value
520	3	SOU520-049	Copper	7.20E+00	mg/kg	Grid Value	1.18E+02	value
520	3	SOU520-049	Mercury	7.10E-03	mg/kg	Grid Value	6.65E+00	value
520	3	SOU520-049	Nickel	7.60E+00	mg/kg	Grid Value	3.31E+02	value
520	3	SOU520-049	Silver	4.10E-02	mg/kg	Grid Value	1.26E+01	value
520	3	SOU520-049	Total PAH	1.20E-02	mg/kg	Grid Value	7.42E-02	value
520	3	SOU520-049	Uranium	7.89E+00	mg/kg	Grid Value	1.85E+01	value
520	3	SOU520-049	Uranium-238	1.01E+00	pCi/g	Grid Value	1.34E+00	value
520	3	SOU520-050	Arsenic	1.10E+01	mg/kg	Grid Value	1.04E+01	value
520	3	SOU520-050	Chromium	8.50E+01	mg/kg	Grid Value	6.57E+01	value
520	3	SOU520-050	Copper	3.50E+01	mg/kg	Grid Value	1.18E+02	value
520	3	SOU520-050	Mercury	1.00E+01	mg/kg	Grid Value	6.65E+00	value
520	3	SOU520-050	Nickel	6.50E+01	mg/kg	Grid Value	3.31E+02	value
520	3	SOU520-050	Silver	1.00E+01	mg/kg	Grid Value	1.26E+01	value
520	3	SOU520-050	Total PAH	6.50E-02	mg/kg	Avg	7.42E-02	value
520	3	SOU520-050	Uranium	1.08E+01	mg/kg	Grid Value	1.85E+01	value
520	3	SOU520-050	Uranium-238	1.29E+00	pCi/g	Avg	1.34E+00	value
520	3	SOU520-051	Arsenic	7.74E+00	mg/kg	Grid Value	1.04E+01	value
520	3	SOU520-051	Chromium	3.41E+01	mg/kg	Grid Value	6.57E+01	value
520	3	SOU520-051	Copper	3.50E+01	mg/kg	Grid Value	1.18E+02	value
520	3	SOU520-051	Mercury	1.00E+01	mg/kg	Grid Value	6.65E+00	value
520	3	SOU520-051	Nickel	9.08E+01	mg/kg	Grid Value	3.31E+02	value
520	3	SOU520-051	Silver	9.62E+00	mg/kg	Grid Value	1.26E+01	value
520	3	SOU520-051	Total PAH	6.50E-02	mg/kg	Avg	7.42E-02	value
520	3	SOU520-051	Uranium	2.00E+01	mg/kg	Grid Value	1.85E+01	value
520	3	SOU520-051	Uranium-238	1.29E+00	pCi/g	Avg	1.34E+00	value
520	3	SOU520-063	Arsenic	1.10E+01	mg/kg	Grid Value	1.04E+01	value
520	3	SOU520-063	Chromium	8.50E+01	mg/kg	Grid Value	6.57E+01	value
520	3	SOU520-063	Copper	3.50E+01	mg/kg	Grid Value	1.18E+02	value
520	3	SOU520-063	Mercury	1.00E+01	mg/kg	Grid Value	6.65E+00	value
520	3	SOU520-063	Nickel	6.50E+01	mg/kg	Grid Value	3.31E+02	value
520	3	SOU520-063	Silver	1.00E+01	mg/kg	Grid Value	1.26E+01	value
520	3	SOU520-063	Total PAH	6.50E-02	mg/kg	Avg	7.42E-02	value
520	3	SOU520-063	Uranium	2.00E+01	mg/kg	Grid Value	1.85E+01	value
520	3	SOU520-063	Uranium-238	1.29E+00	pCi/g	Avg	1.34E+00	value
520	3	SOU520-064	Arsenic	5.20E+00	mg/kg	Grid Value	1.04E+01	value
520	3	SOU520-064	Chromium	1.76E+01	mg/kg	Grid Value	6.57E+01	value
520	3	SOU520-064	Copper	1.24E+01	mg/kg	Grid Value	1.18E+02	value
520	3	SOU520-064	Mercury	6.65E+00	mg/kg	Grid Value	6.65E+00	value
520	3	SOU520-064	Nickel	6.21E+01	mg/kg	Grid Value	3.31E+02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
520	3	SOU520-064	Silver	9.86E+00	mg/kg	Grid Value	1.26E+01	value
520	3	SOU520-064	Total PAH	1.18E-01	mg/kg	Grid Value	7.42E-02	value
520	3	SOU520-064	Uranium	6.40E+00	mg/kg	Grid Value	1.85E+01	value
520	3	SOU520-064	Uranium-238	1.57E+00	pCi/g	Grid Value	1.34E+00	value
520	3	SOU520-065	Arsenic	6.96E+00	mg/kg	Grid Value	1.04E+01	value
520	3	SOU520-065	Chromium	8.50E+01	mg/kg	Grid Value	6.57E+01	value
520	3	SOU520-065	Copper	3.50E+01	mg/kg	Grid Value	1.18E+02	value
520	3	SOU520-065	Mercury	1.00E+01	mg/kg	Grid Value	6.65E+00	value
520	3	SOU520-065	Nickel	6.50E+01	mg/kg	Grid Value	3.31E+02	value
520	3	SOU520-065	Silver	1.00E+01	mg/kg	Grid Value	1.26E+01	value
520	3	SOU520-065	Total PAH	6.50E-02	mg/kg	Avg	7.42E-02	value
520	3	SOU520-065	Uranium	2.00E+01	mg/kg	Grid Value	1.85E+01	value
520	3	SOU520-065	Uranium-238	1.29E+00	pCi/g	Avg	1.34E+00	value
520	4	SOU520-008	Arsenic	6.96E+00	mg/kg	Grid Value	9.35E+00	value
520	4	SOU520-008	Beryllium	6.78E-01	mg/kg	Avg	7.27E-01	value
520	4	SOU520-008	Cadmium	1.07E+00	mg/kg	Avg	1.17E+00	value
520	4	SOU520-008	Chromium	3.90E+01	mg/kg	Grid Value	6.60E+01	value
520	4	SOU520-008	Copper	2.43E+02	mg/kg	Grid Value	1.10E+02	value
520	4	SOU520-008	Iron	1.68E+04	mg/kg	Grid Value	1.65E+04	value
520	4	SOU520-008	Manganese	1.15E+02	mg/kg	Grid Value	5.73E+02	value
520	4	SOU520-008	Mercury	1.00E+01	mg/kg	Grid Value	9.69E+00	value
520	4	SOU520-008	Nickel	5.87E+02	mg/kg	Grid Value	2.82E+02	value
520	4	SOU520-008	Silver	1.00E+01	mg/kg	Grid Value	1.23E+01	value
520	4	SOU520-008	Total PAH	5.52E-01	mg/kg	Avg	5.52E-01	value
520	4	SOU520-008	Uranium	4.88E+01	mg/kg	Grid Value	2.27E+01	value
520	4	SOU520-008	Vanadium	4.05E+01	mg/kg	Avg	4.43E+01	value
520	4	SOU520-008	Neptunium-237	7.40E-01	pCi/g	Avg	7.40E-01	value
520	4	SOU520-008	Uranium-235	2.42E-01	pCi/g	Avg	2.42E-01	value
520	4	SOU520-008	Uranium-238	6.26E+00	pCi/g	Avg	6.26E+00	value
520	4	SOU520-009	Arsenic	1.10E+01	mg/kg	Grid Value	9.35E+00	value
520	4	SOU520-009	Beryllium	6.78E-01	mg/kg	Avg	7.27E-01	value
520	4	SOU520-009	Cadmium	1.07E+00	mg/kg	Avg	1.17E+00	value
520	4	SOU520-009	Chromium	8.50E+01	mg/kg	Grid Value	6.60E+01	value
520	4	SOU520-009	Copper	3.50E+01	mg/kg	Grid Value	1.10E+02	value
520	4	SOU520-009	Iron	1.01E+04	mg/kg	Grid Value	1.65E+04	value
520	4	SOU520-009	Manganese	2.55E+02	mg/kg	Grid Value	5.73E+02	value
520	4	SOU520-009	Mercury	1.00E+01	mg/kg	Grid Value	9.69E+00	value
520	4	SOU520-009	Nickel	7.26E+01	mg/kg	Grid Value	2.82E+02	value
520	4	SOU520-009	Silver	1.00E+01	mg/kg	Grid Value	1.23E+01	value
520	4	SOU520-009	Total PAH	5.52E-01	mg/kg	Avg	5.52E-01	value
520	4	SOU520-009	Uranium	2.00E+01	mg/kg	Grid Value	2.27E+01	value
520	4	SOU520-009	Vanadium	4.05E+01	mg/kg	Avg	4.43E+01	value
520	4	SOU520-009	Neptunium-237	7.40E-01	pCi/g	Avg	7.40E-01	value
520	4	SOU520-009	Uranium-235	2.42E-01	pCi/g	Avg	2.42E-01	value
520	4	SOU520-009	Uranium-238	6.26E+00	pCi/g	Avg	6.26E+00	value
520	4	SOU520-010	Arsenic	7.03E+00	mg/kg	Grid Value	9.35E+00	value
520	4	SOU520-010	Beryllium	6.78E-01	mg/kg	Avg	7.27E-01	value
520	4	SOU520-010	Cadmium	1.07E+00	mg/kg	Avg	1.17E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
520	4	SOU520-010	Chromium	8.50E+01	mg/kg	Grid Value	6.60E+01	value
520	4	SOU520-010	Copper	3.50E+01	mg/kg	Grid Value	1.10E+02	value
520	4	SOU520-010	Iron	1.10E+04	mg/kg	Grid Value	1.65E+04	value
520	4	SOU520-010	Manganese	2.40E+02	mg/kg	Grid Value	5.73E+02	value
520	4	SOU520-010	Mercury	1.00E+01	mg/kg	Grid Value	9.69E+00	value
520	4	SOU520-010	Nickel	6.50E+01	mg/kg	Grid Value	2.82E+02	value
520	4	SOU520-010	Silver	1.10E+01	mg/kg	Grid Value	1.23E+01	value
520	4	SOU520-010	Total PAH	5.52E-01	mg/kg	Avg	5.52E-01	value
520	4	SOU520-010	Uranium	2.00E+01	mg/kg	Grid Value	2.27E+01	value
520	4	SOU520-010	Vanadium	4.05E+01	mg/kg	Avg	4.43E+01	value
520	4	SOU520-010	Neptunium-237	7.40E-01	pCi/g	Avg	7.40E-01	value
520	4	SOU520-010	Uranium-235	2.42E-01	pCi/g	Avg	2.42E-01	value
520	4	SOU520-010	Uranium-238	6.26E+00	pCi/g	Avg	6.26E+00	value
520	4	SOU520-022	Arsenic	4.50E+00	mg/kg	Grid Value	9.35E+00	value
520	4	SOU520-022	Beryllium	3.90E-01	mg/kg	Grid Value	7.27E-01	value
520	4	SOU520-022	Cadmium	4.70E-01	mg/kg	Grid Value	1.17E+00	value
520	4	SOU520-022	Chromium	1.30E+01	mg/kg	Grid Value	6.60E+01	value
520	4	SOU520-022	Copper	9.60E+00	mg/kg	Grid Value	1.10E+02	value
520	4	SOU520-022	Iron	1.14E+04	mg/kg	Grid Value	1.65E+04	value
520	4	SOU520-022	Manganese	7.31E+02	mg/kg	Grid Value	5.73E+02	value
520	4	SOU520-022	Mercury	4.79E-02	mg/kg	Grid Value	9.69E+00	value
520	4	SOU520-022	Nickel	1.39E+02	mg/kg	Grid Value	2.82E+02	value
520	4	SOU520-022	Silver	1.23E+01	mg/kg	Grid Value	1.23E+01	value
520	4	SOU520-022	Total PAH	5.52E-01	mg/kg	Grid Value	5.52E-01	value
520	4	SOU520-022	Uranium	1.88E+01	mg/kg	Grid Value	2.27E+01	value
520	4	SOU520-022	Vanadium	1.85E+01	mg/kg	Grid Value	4.43E+01	value
520	4	SOU520-022	Neptunium-237	7.40E-01	pCi/g	Grid Value	7.40E-01	value
520	4	SOU520-022	Uranium-235	2.42E-01	pCi/g	Grid Value	2.42E-01	value
520	4	SOU520-022	Uranium-238	6.26E+00	pCi/g	Grid Value	6.26E+00	value
520	4	SOU520-023	Arsenic	9.35E+00	mg/kg	Grid Value	9.35E+00	value
520	4	SOU520-023	Beryllium	6.78E-01	mg/kg	Avg	7.27E-01	value
520	4	SOU520-023	Cadmium	1.07E+00	mg/kg	Avg	1.17E+00	value
520	4	SOU520-023	Chromium	3.35E+01	mg/kg	Grid Value	6.60E+01	value
520	4	SOU520-023	Copper	3.50E+01	mg/kg	Grid Value	1.10E+02	value
520	4	SOU520-023	Iron	1.30E+04	mg/kg	Grid Value	1.65E+04	value
520	4	SOU520-023	Manganese	3.64E+02	mg/kg	Grid Value	5.73E+02	value
520	4	SOU520-023	Mercury	9.69E+00	mg/kg	Grid Value	9.69E+00	value
520	4	SOU520-023	Nickel	1.55E+02	mg/kg	Grid Value	2.82E+02	value
520	4	SOU520-023	Silver	1.00E+01	mg/kg	Grid Value	1.23E+01	value
520	4	SOU520-023	Total PAH	5.52E-01	mg/kg	Avg	5.52E-01	value
520	4	SOU520-023	Uranium	1.18E+01	mg/kg	Grid Value	2.27E+01	value
520	4	SOU520-023	Vanadium	4.05E+01	mg/kg	Avg	4.43E+01	value
520	4	SOU520-023	Neptunium-237	7.40E-01	pCi/g	Avg	7.40E-01	value
520	4	SOU520-023	Uranium-235	2.42E-01	pCi/g	Avg	2.42E-01	value
520	4	SOU520-023	Uranium-238	6.26E+00	pCi/g	Avg	6.26E+00	value
520	4	SOU520-024	Arsenic	7.99E+00	mg/kg	Grid Value	9.35E+00	value
520	4	SOU520-024	Beryllium	9.65E-01	mg/kg	Grid Value	7.27E-01	value
520	4	SOU520-024	Cadmium	1.67E+00	mg/kg	Grid Value	1.17E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
520	4	SOU520-024	Chromium	6.60E+01	mg/kg	Grid Value	6.60E+01	value
520	4	SOU520-024	Copper	1.49E+01	mg/kg	Grid Value	1.10E+02	value
520	4	SOU520-024	Iron	3.02E+04	mg/kg	Grid Value	1.65E+04	value
520	4	SOU520-024	Manganese	1.53E+03	mg/kg	Grid Value	5.73E+02	value
520	4	SOU520-024	Mercury	3.79E-02	mg/kg	Grid Value	9.69E+00	value
520	4	SOU520-024	Nickel	9.78E+01	mg/kg	Grid Value	2.82E+02	value
520	4	SOU520-024	Silver	1.80E-01	mg/kg	Grid Value	1.23E+01	value
520	4	SOU520-024	Total PAH	5.52E-01	mg/kg	Avg	5.52E-01	value
520	4	SOU520-024	Uranium	7.41E+00	mg/kg	Grid Value	2.27E+01	value
520	4	SOU520-024	Vanadium	6.25E+01	mg/kg	Grid Value	4.43E+01	value
520	4	SOU520-024	Neptunium-237	7.40E-01	pCi/g	Avg	7.40E-01	value
520	4	SOU520-024	Uranium-235	2.42E-01	pCi/g	Avg	2.42E-01	value
520	4	SOU520-024	Uranium-238	6.26E+00	pCi/g	Avg	6.26E+00	value
520	4	SOU520-037	Arsenic	1.10E+01	mg/kg	Grid Value	9.35E+00	value
520	4	SOU520-037	Beryllium	6.78E-01	mg/kg	Avg	7.27E-01	value
520	4	SOU520-037	Cadmium	1.07E+00	mg/kg	Avg	1.17E+00	value
520	4	SOU520-037	Chromium	8.50E+01	mg/kg	Grid Value	6.60E+01	value
520	4	SOU520-037	Copper	3.50E+01	mg/kg	Grid Value	1.10E+02	value
520	4	SOU520-037	Iron	9.21E+03	mg/kg	Grid Value	1.65E+04	value
520	4	SOU520-037	Manganese	2.80E+02	mg/kg	Grid Value	5.73E+02	value
520	4	SOU520-037	Mercury	1.00E+01	mg/kg	Grid Value	9.69E+00	value
520	4	SOU520-037	Nickel	6.50E+01	mg/kg	Grid Value	2.82E+02	value
520	4	SOU520-037	Silver	1.00E+01	mg/kg	Grid Value	1.23E+01	value
520	4	SOU520-037	Total PAH	5.52E-01	mg/kg	Avg	5.52E-01	value
520	4	SOU520-037	Uranium	9.96E+00	mg/kg	Grid Value	2.27E+01	value
520	4	SOU520-037	Vanadium	4.05E+01	mg/kg	Avg	4.43E+01	value
520	4	SOU520-037	Neptunium-237	7.40E-01	pCi/g	Avg	7.40E-01	value
520	4	SOU520-037	Uranium-235	2.42E-01	pCi/g	Avg	2.42E-01	value
520	4	SOU520-037	Uranium-238	6.26E+00	pCi/g	Avg	6.26E+00	value
520	4	SOU520-038	Arsenic	8.37E+00	mg/kg	Avg	9.35E+00	value
520	4	SOU520-038	Beryllium	6.78E-01	mg/kg	Avg	7.27E-01	value
520	4	SOU520-038	Cadmium	1.07E+00	mg/kg	Avg	1.17E+00	value
520	4	SOU520-038	Chromium	5.72E+01	mg/kg	Avg	6.60E+01	value
520	4	SOU520-038	Copper	4.80E+01	mg/kg	Avg	1.10E+02	value
520	4	SOU520-038	Iron	1.38E+04	mg/kg	Avg	1.65E+04	value
520	4	SOU520-038	Manganese	4.25E+02	mg/kg	Avg	5.73E+02	value
520	4	SOU520-038	Mercury	8.44E+00	mg/kg	Avg	9.69E+00	value
520	4	SOU520-038	Nickel	1.35E+02	mg/kg	Avg	2.82E+02	value
520	4	SOU520-038	Silver	9.50E+00	mg/kg	Avg	1.23E+01	value
520	4	SOU520-038	Total PAH	5.52E-01	mg/kg	Avg	5.52E-01	value
520	4	SOU520-038	Uranium	1.83E+01	mg/kg	Avg	2.27E+01	value
520	4	SOU520-038	Vanadium	4.05E+01	mg/kg	Avg	4.43E+01	value
520	4	SOU520-038	Neptunium-237	7.40E-01	pCi/g	Avg	7.40E-01	value
520	4	SOU520-038	Uranium-235	2.42E-01	pCi/g	Avg	2.42E-01	value
520	4	SOU520-038	Uranium-238	6.26E+00	pCi/g	Avg	6.26E+00	value
520	4	SOU520-039	Arsenic	8.37E+00	mg/kg	Avg	9.35E+00	value
520	4	SOU520-039	Beryllium	6.78E-01	mg/kg	Avg	7.27E-01	value
520	4	SOU520-039	Cadmium	1.07E+00	mg/kg	Avg	1.17E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
520	4	SOU520-039	Chromium	5.72E+01	mg/kg	Avg	6.60E+01	value
520	4	SOU520-039	Copper	4.80E+01	mg/kg	Avg	1.10E+02	value
520	4	SOU520-039	Iron	1.38E+04	mg/kg	Avg	1.65E+04	value
520	4	SOU520-039	Manganese	4.25E+02	mg/kg	Avg	5.73E+02	value
520	4	SOU520-039	Mercury	8.44E+00	mg/kg	Avg	9.69E+00	value
520	4	SOU520-039	Nickel	1.35E+02	mg/kg	Avg	2.82E+02	value
520	4	SOU520-039	Silver	9.50E+00	mg/kg	Avg	1.23E+01	value
520	4	SOU520-039	Total PAH	5.52E-01	mg/kg	Avg	5.52E-01	value
520	4	SOU520-039	Uranium	1.83E+01	mg/kg	Avg	2.27E+01	value
520	4	SOU520-039	Vanadium	4.05E+01	mg/kg	Avg	4.43E+01	value
520	4	SOU520-039	Neptunium-237	7.40E-01	pCi/g	Avg	7.40E-01	value
520	4	SOU520-039	Uranium-235	2.42E-01	pCi/g	Avg	2.42E-01	value
520	4	SOU520-039	Uranium-238	6.26E+00	pCi/g	Avg	6.26E+00	value
520	4	SOU520-052	Arsenic	5.74E+00	mg/kg	Grid Value	9.35E+00	value
520	4	SOU520-052	Beryllium	6.78E-01	mg/kg	Avg	7.27E-01	value
520	4	SOU520-052	Cadmium	1.07E+00	mg/kg	Avg	1.17E+00	value
520	4	SOU520-052	Chromium	3.66E+01	mg/kg	Grid Value	6.60E+01	value
520	4	SOU520-052	Copper	2.94E+01	mg/kg	Grid Value	1.10E+02	value
520	4	SOU520-052	Iron	1.50E+04	mg/kg	Grid Value	1.65E+04	value
520	4	SOU520-052	Manganese	3.63E+02	mg/kg	Grid Value	5.73E+02	value
520	4	SOU520-052	Mercury	1.00E+01	mg/kg	Grid Value	9.69E+00	value
520	4	SOU520-052	Nickel	1.43E+02	mg/kg	Grid Value	2.82E+02	value
520	4	SOU520-052	Silver	1.00E+01	mg/kg	Grid Value	1.23E+01	value
520	4	SOU520-052	Total PAH	5.52E-01	mg/kg	Avg	5.52E-01	value
520	4	SOU520-052	Uranium	8.74E+00	mg/kg	Grid Value	2.27E+01	value
520	4	SOU520-052	Vanadium	4.05E+01	mg/kg	Avg	4.43E+01	value
520	4	SOU520-052	Neptunium-237	7.40E-01	pCi/g	Avg	7.40E-01	value
520	4	SOU520-052	Uranium-235	2.42E-01	pCi/g	Avg	2.42E-01	value
520	4	SOU520-052	Uranium-238	6.26E+00	pCi/g	Avg	6.26E+00	value
520	4	SOU520-053	Arsenic	1.10E+01	mg/kg	Grid Value	9.35E+00	value
520	4	SOU520-053	Beryllium	6.78E-01	mg/kg	Avg	7.27E-01	value
520	4	SOU520-053	Cadmium	1.07E+00	mg/kg	Avg	1.17E+00	value
520	4	SOU520-053	Chromium	8.50E+01	mg/kg	Grid Value	6.60E+01	value
520	4	SOU520-053	Copper	4.75E+01	mg/kg	Grid Value	1.10E+02	value
520	4	SOU520-053	Iron	2.18E+04	mg/kg	Grid Value	1.65E+04	value
520	4	SOU520-053	Manganese	4.76E+02	mg/kg	Grid Value	5.73E+02	value
520	4	SOU520-053	Mercury	1.00E+01	mg/kg	Grid Value	9.69E+00	value
520	4	SOU520-053	Nickel	1.36E+02	mg/kg	Grid Value	2.82E+02	value
520	4	SOU520-053	Silver	1.00E+01	mg/kg	Grid Value	1.23E+01	value
520	4	SOU520-053	Total PAH	5.52E-01	mg/kg	Avg	5.52E-01	value
520	4	SOU520-053	Uranium	1.19E+01	mg/kg	Grid Value	2.27E+01	value
520	4	SOU520-053	Vanadium	4.05E+01	mg/kg	Avg	4.43E+01	value
520	4	SOU520-053	Neptunium-237	7.40E-01	pCi/g	Avg	7.40E-01	value
520	4	SOU520-053	Uranium-235	2.42E-01	pCi/g	Avg	2.42E-01	value
520	4	SOU520-053	Uranium-238	6.26E+00	pCi/g	Avg	6.26E+00	value
520	4	SOU520-054	Arsenic	6.53E+00	mg/kg	Grid Value	9.35E+00	value
520	4	SOU520-054	Beryllium	6.78E-01	mg/kg	Avg	7.27E-01	value
520	4	SOU520-054	Cadmium	1.07E+00	mg/kg	Avg	1.17E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
520	4	SOU520-054	Chromium	4.41E+01	mg/kg	Grid Value	6.60E+01	value
520	4	SOU520-054	Copper	3.50E+01	mg/kg	Grid Value	1.10E+02	value
520	4	SOU520-054	Iron	9.99E+03	mg/kg	Grid Value	1.65E+04	value
520	4	SOU520-054	Manganese	2.83E+02	mg/kg	Grid Value	5.73E+02	value
520	4	SOU520-054	Mercury	1.00E+01	mg/kg	Grid Value	9.69E+00	value
520	4	SOU520-054	Nickel	6.50E+01	mg/kg	Grid Value	2.82E+02	value
520	4	SOU520-054	Silver	1.00E+01	mg/kg	Grid Value	1.23E+01	value
520	4	SOU520-054	Total PAH	5.52E-01	mg/kg	Avg	5.52E-01	value
520	4	SOU520-054	Uranium	2.00E+01	mg/kg	Grid Value	2.27E+01	value
520	4	SOU520-054	Vanadium	4.05E+01	mg/kg	Avg	4.43E+01	value
520	4	SOU520-054	Neptunium-237	7.40E-01	pCi/g	Avg	7.40E-01	value
520	4	SOU520-054	Uranium-235	2.42E-01	pCi/g	Avg	2.42E-01	value
520	4	SOU520-054	Uranium-238	6.26E+00	pCi/g	Avg	6.26E+00	value
520	4	SOU520-066	Arsenic	1.10E+01	mg/kg	Grid Value	9.35E+00	value
520	4	SOU520-066	Beryllium	6.78E-01	mg/kg	Avg	7.27E-01	value
520	4	SOU520-066	Cadmium	1.07E+00	mg/kg	Avg	1.17E+00	value
520	4	SOU520-066	Chromium	8.50E+01	mg/kg	Grid Value	6.60E+01	value
520	4	SOU520-066	Copper	3.50E+01	mg/kg	Grid Value	1.10E+02	value
520	4	SOU520-066	Iron	1.49E+04	mg/kg	Grid Value	1.65E+04	value
520	4	SOU520-066	Manganese	2.41E+02	mg/kg	Grid Value	5.73E+02	value
520	4	SOU520-066	Mercury	1.00E+01	mg/kg	Grid Value	9.69E+00	value
520	4	SOU520-066	Nickel	1.12E+02	mg/kg	Grid Value	2.82E+02	value
520	4	SOU520-066	Silver	1.00E+01	mg/kg	Grid Value	1.23E+01	value
520	4	SOU520-066	Total PAH	5.52E-01	mg/kg	Avg	5.52E-01	value
520	4	SOU520-066	Uranium	2.00E+01	mg/kg	Grid Value	2.27E+01	value
520	4	SOU520-066	Vanadium	4.05E+01	mg/kg	Avg	4.43E+01	value
520	4	SOU520-066	Neptunium-237	7.40E-01	pCi/g	Avg	7.40E-01	value
520	4	SOU520-066	Uranium-235	2.42E-01	pCi/g	Avg	2.42E-01	value
520	4	SOU520-066	Uranium-238	6.26E+00	pCi/g	Avg	6.26E+00	value
520	4	SOU520-067	Arsenic	1.10E+01	mg/kg	Grid Value	9.35E+00	value
520	4	SOU520-067	Beryllium	6.78E-01	mg/kg	Avg	7.27E-01	value
520	4	SOU520-067	Cadmium	1.07E+00	mg/kg	Avg	1.17E+00	value
520	4	SOU520-067	Chromium	3.64E+01	mg/kg	Grid Value	6.60E+01	value
520	4	SOU520-067	Copper	3.50E+01	mg/kg	Grid Value	1.10E+02	value
520	4	SOU520-067	Iron	8.71E+03	mg/kg	Grid Value	1.65E+04	value
520	4	SOU520-067	Manganese	2.72E+02	mg/kg	Grid Value	5.73E+02	value
520	4	SOU520-067	Mercury	1.00E+01	mg/kg	Grid Value	9.69E+00	value
520	4	SOU520-067	Nickel	6.50E+01	mg/kg	Grid Value	2.82E+02	value
520	4	SOU520-067	Silver	1.00E+01	mg/kg	Grid Value	1.23E+01	value
520	4	SOU520-067	Total PAH	5.52E-01	mg/kg	Avg	5.52E-01	value
520	4	SOU520-067	Uranium	2.00E+01	mg/kg	Grid Value	2.27E+01	value
520	4	SOU520-067	Vanadium	4.05E+01	mg/kg	Avg	4.43E+01	value
520	4	SOU520-067	Neptunium-237	7.40E-01	pCi/g	Avg	7.40E-01	value
520	4	SOU520-067	Uranium-235	2.42E-01	pCi/g	Avg	2.42E-01	value
520	4	SOU520-067	Uranium-238	6.26E+00	pCi/g	Avg	6.26E+00	value
520	4	SOU520-068	Arsenic	5.69E+00	mg/kg	Grid Value	9.35E+00	value
520	4	SOU520-068	Beryllium	6.78E-01	mg/kg	Avg	7.27E-01	value
520	4	SOU520-068	Cadmium	1.07E+00	mg/kg	Avg	1.17E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
520	4	SOU520-068	Chromium	5.01E+01	mg/kg	Grid Value	6.60E+01	value
520	4	SOU520-068	Copper	3.50E+01	mg/kg	Grid Value	1.10E+02	value
520	4	SOU520-068	Iron	7.28E+03	mg/kg	Grid Value	1.65E+04	value
520	4	SOU520-068	Manganese	3.75E+02	mg/kg	Grid Value	5.73E+02	value
520	4	SOU520-068	Mercury	1.00E+01	mg/kg	Grid Value	9.69E+00	value
520	4	SOU520-068	Nickel	5.78E+01	mg/kg	Grid Value	2.82E+02	value
520	4	SOU520-068	Silver	1.00E+01	mg/kg	Grid Value	1.23E+01	value
520	4	SOU520-068	Total PAH	5.52E-01	mg/kg	Avg	5.52E-01	value
520	4	SOU520-068	Uranium	2.00E+01	mg/kg	Grid Value	2.27E+01	value
520	4	SOU520-068	Vanadium	4.05E+01	mg/kg	Avg	4.43E+01	value
520	4	SOU520-068	Neptunium-237	7.40E-01	pCi/g	Avg	7.40E-01	value
520	4	SOU520-068	Uranium-235	2.42E-01	pCi/g	Avg	2.42E-01	value
520	4	SOU520-068	Uranium-238	6.26E+00	pCi/g	Avg	6.26E+00	value
520	5	SOU520-001	Antimony	5.65E-01	mg/kg	Avg	6.62E-01	value
520	5	SOU520-001	Arsenic	8.08E+00	mg/kg	Grid Value	9.97E+00	value
520	5	SOU520-001	Barium	1.24E+02	mg/kg	Avg	1.38E+02	value
520	5	SOU520-001	Beryllium	6.30E-01	mg/kg	Avg	7.01E-01	value
520	5	SOU520-001	Chromium	8.50E+01	mg/kg	Grid Value	4.94E+01	value
520	5	SOU520-001	Iron	9.94E+03	mg/kg	Grid Value	1.70E+04	value
520	5	SOU520-001	Manganese	1.93E+02	mg/kg	Grid Value	5.45E+02	value
520	5	SOU520-001	Mercury	1.00E+01	mg/kg	Grid Value	6.94E+00	value
520	5	SOU520-001	Nickel	2.20E+02	mg/kg	Grid Value	1.12E+02	value
520	5	SOU520-001	Total PAH	3.87E-01	mg/kg	Avg	3.87E-01	value
520	5	SOU520-001	Vanadium	2.78E+01	mg/kg	Avg	3.01E+01	value
520	5	SOU520-001	Neptunium-237	1.55E-01	pCi/g	Avg	1.55E-01	value
520	5	SOU520-001	Uranium-238	1.45E+00	pCi/g	Avg	1.45E+00	value
520	5	SOU520-011	Antimony	5.65E-01	mg/kg	Avg	6.62E-01	value
520	5	SOU520-011	Arsenic	1.10E+01	mg/kg	Grid Value	9.97E+00	value
520	5	SOU520-011	Barium	1.24E+02	mg/kg	Avg	1.38E+02	value
520	5	SOU520-011	Beryllium	6.30E-01	mg/kg	Avg	7.01E-01	value
520	5	SOU520-011	Chromium	8.50E+01	mg/kg	Grid Value	4.94E+01	value
520	5	SOU520-011	Iron	1.10E+04	mg/kg	Grid Value	1.70E+04	value
520	5	SOU520-011	Manganese	3.41E+02	mg/kg	Grid Value	5.45E+02	value
520	5	SOU520-011	Mercury	1.00E+01	mg/kg	Grid Value	6.94E+00	value
520	5	SOU520-011	Nickel	6.50E+01	mg/kg	Grid Value	1.12E+02	value
520	5	SOU520-011	Total PAH	3.87E-01	mg/kg	Avg	3.87E-01	value
520	5	SOU520-011	Vanadium	2.78E+01	mg/kg	Avg	3.01E+01	value
520	5	SOU520-011	Neptunium-237	1.55E-01	pCi/g	Avg	1.55E-01	value
520	5	SOU520-011	Uranium-238	1.45E+00	pCi/g	Avg	1.45E+00	value
520	5	SOU520-012	Antimony	5.65E-01	mg/kg	Avg	6.62E-01	value
520	5	SOU520-012	Arsenic	7.20E+00	mg/kg	Grid Value	9.97E+00	value
520	5	SOU520-012	Barium	1.24E+02	mg/kg	Avg	1.38E+02	value
520	5	SOU520-012	Beryllium	6.30E-01	mg/kg	Avg	7.01E-01	value
520	5	SOU520-012	Chromium	8.50E+01	mg/kg	Grid Value	4.94E+01	value
520	5	SOU520-012	Iron	1.33E+04	mg/kg	Grid Value	1.70E+04	value
520	5	SOU520-012	Manganese	5.09E+02	mg/kg	Grid Value	5.45E+02	value
520	5	SOU520-012	Mercury	1.00E+01	mg/kg	Grid Value	6.94E+00	value
520	5	SOU520-012	Nickel	7.37E+01	mg/kg	Grid Value	1.12E+02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
520	5	SOU520-012	Total PAH	3.87E-01	mg/kg	Avg	3.87E-01	value
520	5	SOU520-012	Vanadium	2.78E+01	mg/kg	Avg	3.01E+01	value
520	5	SOU520-012	Neptunium-237	1.55E-01	pCi/g	Avg	1.55E-01	value
520	5	SOU520-012	Uranium-238	1.45E+00	pCi/g	Avg	1.45E+00	value
520	5	SOU520-025	Antimony	9.60E-01	mg/kg	Grid Value	6.62E-01	value
520	5	SOU520-025	Arsenic	5.40E+00	mg/kg	Grid Value	9.97E+00	value
520	5	SOU520-025	Barium	6.80E+01	mg/kg	Grid Value	1.38E+02	value
520	5	SOU520-025	Beryllium	3.40E-01	mg/kg	Grid Value	7.01E-01	value
520	5	SOU520-025	Chromium	2.10E+01	mg/kg	Grid Value	4.94E+01	value
520	5	SOU520-025	Iron	1.58E+04	mg/kg	Grid Value	1.70E+04	value
520	5	SOU520-025	Manganese	5.26E+02	mg/kg	Grid Value	5.45E+02	value
520	5	SOU520-025	Mercury	3.16E-02	mg/kg	Grid Value	6.94E+00	value
520	5	SOU520-025	Nickel	6.64E+01	mg/kg	Grid Value	1.12E+02	value
520	5	SOU520-025	Total PAH	3.87E-01	mg/kg	Grid Value	3.87E-01	value
520	5	SOU520-025	Vanadium	1.82E+01	mg/kg	Grid Value	3.01E+01	value
520	5	SOU520-025	Neptunium-237	1.55E-01	pCi/g	Grid Value	1.55E-01	value
520	5	SOU520-025	Uranium-238	1.45E+00	pCi/g	Grid Value	1.45E+00	value
520	5	SOU520-026	Antimony	5.65E-01	mg/kg	Avg	6.62E-01	value
520	5	SOU520-026	Arsenic	8.35E+00	mg/kg	Grid Value	9.97E+00	value
520	5	SOU520-026	Barium	1.24E+02	mg/kg	Avg	1.38E+02	value
520	5	SOU520-026	Beryllium	6.30E-01	mg/kg	Avg	7.01E-01	value
520	5	SOU520-026	Chromium	4.28E+01	mg/kg	Grid Value	4.94E+01	value
520	5	SOU520-026	Iron	1.38E+04	mg/kg	Grid Value	1.70E+04	value
520	5	SOU520-026	Manganese	2.08E+02	mg/kg	Grid Value	5.45E+02	value
520	5	SOU520-026	Mercury	1.00E+01	mg/kg	Grid Value	6.94E+00	value
520	5	SOU520-026	Nickel	9.82E+01	mg/kg	Grid Value	1.12E+02	value
520	5	SOU520-026	Total PAH	3.87E-01	mg/kg	Avg	3.87E-01	value
520	5	SOU520-026	Vanadium	2.78E+01	mg/kg	Avg	3.01E+01	value
520	5	SOU520-026	Neptunium-237	1.55E-01	pCi/g	Avg	1.55E-01	value
520	5	SOU520-026	Uranium-238	1.45E+00	pCi/g	Avg	1.45E+00	value
520	5	SOU520-040	Antimony	5.65E-01	mg/kg	Avg	6.62E-01	value
520	5	SOU520-040	Arsenic	8.99E+00	mg/kg	Avg	9.97E+00	value
520	5	SOU520-040	Barium	1.24E+02	mg/kg	Avg	1.38E+02	value
520	5	SOU520-040	Beryllium	6.30E-01	mg/kg	Avg	7.01E-01	value
520	5	SOU520-040	Chromium	6.33E+01	mg/kg	Avg	4.94E+01	value
520	5	SOU520-040	Iron	1.36E+04	mg/kg	Avg	1.70E+04	value
520	5	SOU520-040	Manganese	4.09E+02	mg/kg	Avg	5.45E+02	value
520	5	SOU520-040	Mercury	8.55E+00	mg/kg	Avg	6.94E+00	value
520	5	SOU520-040	Nickel	8.72E+01	mg/kg	Avg	1.12E+02	value
520	5	SOU520-040	Total PAH	3.87E-01	mg/kg	Avg	3.87E-01	value
520	5	SOU520-040	Vanadium	2.78E+01	mg/kg	Avg	3.01E+01	value
520	5	SOU520-040	Neptunium-237	1.55E-01	pCi/g	Avg	1.55E-01	value
520	5	SOU520-040	Uranium-238	1.45E+00	pCi/g	Avg	1.45E+00	value
520	5	SOU520-041	Antimony	5.65E-01	mg/kg	Avg	6.62E-01	value
520	5	SOU520-041	Arsenic	8.99E+00	mg/kg	Avg	9.97E+00	value
520	5	SOU520-041	Barium	1.24E+02	mg/kg	Avg	1.38E+02	value
520	5	SOU520-041	Beryllium	6.30E-01	mg/kg	Avg	7.01E-01	value
520	5	SOU520-041	Chromium	6.33E+01	mg/kg	Avg	4.94E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
520	5	SOU520-041	Iron	1.36E+04	mg/kg	Avg	1.70E+04	value
520	5	SOU520-041	Manganese	4.09E+02	mg/kg	Avg	5.45E+02	value
520	5	SOU520-041	Mercury	8.55E+00	mg/kg	Avg	6.94E+00	value
520	5	SOU520-041	Nickel	8.72E+01	mg/kg	Avg	1.12E+02	value
520	5	SOU520-041	Total PAH	3.87E-01	mg/kg	Avg	3.87E-01	value
520	5	SOU520-041	Vanadium	2.78E+01	mg/kg	Avg	3.01E+01	value
520	5	SOU520-041	Neptunium-237	1.55E-01	pCi/g	Avg	1.55E-01	value
520	5	SOU520-041	Uranium-238	1.45E+00	pCi/g	Avg	1.45E+00	value
520	5	SOU520-055	Antimony	5.65E-01	mg/kg	Avg	6.62E-01	value
520	5	SOU520-055	Arsenic	1.10E+01	mg/kg	Grid Value	9.97E+00	value
520	5	SOU520-055	Barium	1.24E+02	mg/kg	Avg	1.38E+02	value
520	5	SOU520-055	Beryllium	6.30E-01	mg/kg	Avg	7.01E-01	value
520	5	SOU520-055	Chromium	8.50E+01	mg/kg	Grid Value	4.94E+01	value
520	5	SOU520-055	Iron	8.57E+03	mg/kg	Grid Value	1.70E+04	value
520	5	SOU520-055	Manganese	3.35E+02	mg/kg	Grid Value	5.45E+02	value
520	5	SOU520-055	Mercury	1.00E+01	mg/kg	Grid Value	6.94E+00	value
520	5	SOU520-055	Nickel	6.50E+01	mg/kg	Grid Value	1.12E+02	value
520	5	SOU520-055	Total PAH	3.87E-01	mg/kg	Avg	3.87E-01	value
520	5	SOU520-055	Vanadium	2.78E+01	mg/kg	Avg	3.01E+01	value
520	5	SOU520-055	Neptunium-237	1.55E-01	pCi/g	Avg	1.55E-01	value
520	5	SOU520-055	Uranium-238	1.45E+00	pCi/g	Avg	1.45E+00	value
520	5	SOU520-056	Antimony	1.70E-01	mg/kg	Grid Value	6.62E-01	value
520	5	SOU520-056	Arsenic	1.04E+01	mg/kg	Grid Value	9.97E+00	value
520	5	SOU520-056	Barium	1.80E+02	mg/kg	Grid Value	1.38E+02	value
520	5	SOU520-056	Beryllium	9.20E-01	mg/kg	Grid Value	7.01E-01	value
520	5	SOU520-056	Chromium	4.94E+01	mg/kg	Grid Value	4.94E+01	value
520	5	SOU520-056	Iron	2.90E+04	mg/kg	Grid Value	1.70E+04	value
520	5	SOU520-056	Manganese	9.93E+02	mg/kg	Grid Value	5.45E+02	value
520	5	SOU520-056	Mercury	6.94E+00	mg/kg	Grid Value	6.94E+00	value
520	5	SOU520-056	Nickel	6.63E+01	mg/kg	Grid Value	1.12E+02	value
520	5	SOU520-056	Total PAH	3.87E-01	mg/kg	Avg	3.87E-01	value
520	5	SOU520-056	Vanadium	3.73E+01	mg/kg	Grid Value	3.01E+01	value
520	5	SOU520-056	Neptunium-237	1.55E-01	pCi/g	Avg	1.55E-01	value
520	5	SOU520-056	Uranium-238	1.45E+00	pCi/g	Avg	1.45E+00	value
520	5	SOU520-069	Antimony	5.65E-01	mg/kg	Avg	6.62E-01	value
520	5	SOU520-069	Arsenic	1.10E+01	mg/kg	Grid Value	9.97E+00	value
520	5	SOU520-069	Barium	1.24E+02	mg/kg	Avg	1.38E+02	value
520	5	SOU520-069	Beryllium	6.30E-01	mg/kg	Avg	7.01E-01	value
520	5	SOU520-069	Chromium	3.14E+01	mg/kg	Grid Value	4.94E+01	value
520	5	SOU520-069	Iron	1.43E+04	mg/kg	Grid Value	1.70E+04	value
520	5	SOU520-069	Manganese	2.30E+02	mg/kg	Grid Value	5.45E+02	value
520	5	SOU520-069	Mercury	1.00E+01	mg/kg	Grid Value	6.94E+00	value
520	5	SOU520-069	Nickel	6.50E+01	mg/kg	Grid Value	1.12E+02	value
520	5	SOU520-069	Total PAH	3.87E-01	mg/kg	Avg	3.87E-01	value
520	5	SOU520-069	Vanadium	2.78E+01	mg/kg	Avg	3.01E+01	value
520	5	SOU520-069	Neptunium-237	1.55E-01	pCi/g	Avg	1.55E-01	value
520	5	SOU520-069	Uranium-238	1.45E+00	pCi/g	Avg	1.45E+00	value
520	5	SOU520-070	Antimony	5.65E-01	mg/kg	Avg	6.62E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
520	5	SOU520-070	Arsenic	8.50E+00	mg/kg	Grid Value	9.97E+00	value
520	5	SOU520-070	Barium	1.24E+02	mg/kg	Avg	1.38E+02	value
520	5	SOU520-070	Beryllium	6.30E-01	mg/kg	Avg	7.01E-01	value
520	5	SOU520-070	Chromium	8.50E+01	mg/kg	Grid Value	4.94E+01	value
520	5	SOU520-070	Iron	6.97E+03	mg/kg	Grid Value	1.70E+04	value
520	5	SOU520-070	Manganese	3.50E+02	mg/kg	Grid Value	5.45E+02	value
520	5	SOU520-070	Mercury	1.00E+01	mg/kg	Grid Value	6.94E+00	value
520	5	SOU520-070	Nickel	6.50E+01	mg/kg	Grid Value	1.12E+02	value
520	5	SOU520-070	Total PAH	3.87E-01	mg/kg	Avg	3.87E-01	value
520	5	SOU520-070	Vanadium	2.78E+01	mg/kg	Avg	3.01E+01	value
520	5	SOU520-070	Neptunium-237	1.55E-01	pCi/g	Avg	1.55E-01	value
520	5	SOU520-070	Uranium-238	1.45E+00	pCi/g	Avg	1.45E+00	value
81	1	SOU081-001	Aluminum	5.47E+03	mg/kg	Grid Value	9.55E+03	value
81	1	SOU081-001	Arsenic	1.37E+01	mg/kg	Grid Value	1.11E+01	value
81	1	SOU081-001	Beryllium	5.00E-01	mg/kg	Grid Value	6.98E-01	value
81	1	SOU081-001	Chromium	3.61E+01	mg/kg	Grid Value	6.38E+01	value
81	1	SOU081-001	Cobalt	6.60E+00	mg/kg	Grid Value	1.58E+01	value
81	1	SOU081-001	Manganese	1.38E+03	mg/kg	Grid Value	1.12E+03	value
81	1	SOU081-001	Mercury	3.75E-02	mg/kg	Grid Value	8.33E+00	value
81	1	SOU081-001	Nickel	9.50E+00	mg/kg	Grid Value	7.50E+01	value
81	1	SOU081-001	PCB, Total	4.20E-01	mg/kg	Grid Value	1.60E+02	value
81	1	SOU081-001	Silver	3.20E-02	mg/kg	Grid Value	2.70E+00	value
81	1	SOU081-001	Thallium	1.10E-01	mg/kg	Grid Value	3.49E-01	value
81	1	SOU081-001	Total PAH	7.79E-01	mg/kg	Grid Value	4.95E-01	value
81	1	SOU081-001	Uranium	2.60E+03	mg/kg	Grid Value	6.50E+03	value
81	1	SOU081-001	Uranium-238	1.82E+00	pCi/g	Grid Value	2.29E+00	value
81	1	SOU081-001A	Aluminum	9.13E+03	mg/kg	Avg	9.55E+03	UCL 95 or maximum value
81	1	SOU081-001A	Arsenic	7.89E+00	mg/kg	Grid Value	1.11E+01	UCL 95 or maximum value
81	1	SOU081-001A	Beryllium	6.61E-01	mg/kg	Avg	6.98E-01	UCL 95 or maximum value
81	1	SOU081-001A	Chromium	8.50E+01	mg/kg	Grid Value	6.38E+01	UCL 95 or maximum value
81	1	SOU081-001A	Cobalt	1.29E+01	mg/kg	Avg	1.58E+01	UCL 95 or maximum value
81	1	SOU081-001A	Manganese	1.11E+03	mg/kg	Grid Value	1.12E+03	UCL 95 or maximum value
81	1	SOU081-001A	Mercury	1.00E+01	mg/kg	Grid Value	8.33E+00	UCL 95 or maximum value
81	1	SOU081-001A	Nickel	8.19E+01	mg/kg	Grid Value	7.50E+01	UCL 95 or maximum value
81	1	SOU081-001A	PCB, Total	2.00E-01	mg/kg	Grid Value	1.60E+02	UCL 95 or maximum value
81	1	SOU081-001A	Silver	1.00E+01	mg/kg	Grid Value	2.70E+00	UCL 95 or maximum value
81	1	SOU081-001A	Thallium	3.59E-01	mg/kg	Avg	3.49E-01	UCL 95 or maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
81	1	SOU081-001A	Total PAH	4.01E-01	mg/kg	Avg	4.95E-01	UCL 95 or maximum value
81	1	SOU081-001A	Uranium	6.50E+03	mg/kg	Grid Value	6.50E+03	UCL 95 or maximum value
81	1	SOU081-001A	Uranium-238	2.25E+00	pCi/g	Avg	2.29E+00	UCL 95 or maximum value
81	1	001B	Aluminum	9.13E+03	mg/kg	Avg	9.55E+03	value
81	1	001B	Arsenic	9.87E+00	mg/kg	Grid Value	1.11E+01	value
81	1	001B	Beryllium	6.61E-01	mg/kg	Avg	6.98E-01	value
81	1	001B	Chromium	8.50E+01	mg/kg	Grid Value	6.38E+01	value
81	1	001B	Cobalt	1.29E+01	mg/kg	Avg	1.58E+01	value
81	1	001B	Manganese	5.64E+02	mg/kg	Grid Value	1.12E+03	value
81	1	001B	Mercury	1.00E+01	mg/kg	Grid Value	8.33E+00	value
81	1	001B	Nickel	6.50E+01	mg/kg	Grid Value	7.50E+01	value
81	1	001B	PCB, Total	2.00E-01	mg/kg	Grid Value	1.60E+02	value
81	1	001B	Silver	1.00E+01	mg/kg	Grid Value	2.70E+00	value
81	1	001B	Thallium	3.59E-01	mg/kg	Avg	3.49E-01	value
81	1	001B	Total PAH	4.01E-01	mg/kg	Avg	4.95E-01	value
81	1	001B	Uranium	4.40E+03	mg/kg	Grid Value	6.50E+03	value
81	1	001B	Uranium-238	2.25E+00	pCi/g	Avg	2.29E+00	value
81	1	001C	Aluminum	6.22E+03	mg/kg	Grid Value	9.55E+03	value
81	1	001C	Arsenic	8.57E+00	mg/kg	Grid Value	1.11E+01	value
81	1	001C	Beryllium	5.00E-01	mg/kg	Grid Value	6.98E-01	value
81	1	001C	Chromium	3.64E+01	mg/kg	Grid Value	6.38E+01	value
81	1	001C	Cobalt	6.50E+00	mg/kg	Grid Value	1.58E+01	value
81	1	001C	Manganese	6.25E+02	mg/kg	Grid Value	1.12E+03	value
81	1	001C	Mercury	4.54E-02	mg/kg	Grid Value	8.33E+00	value
81	1	001C	Nickel	9.60E+00	mg/kg	Grid Value	7.50E+01	value
81	1	001C	PCB, Total	1.20E+00	mg/kg	Grid Value	1.60E+02	value
81	1	001C	Silver	3.40E-02	mg/kg	Grid Value	2.70E+00	value
81	1	001C	Thallium	2.40E-01	mg/kg	Grid Value	3.49E-01	value
81	1	001C	Total PAH	4.10E-01	mg/kg	Grid Value	4.95E-01	value
81	1	001C	Uranium	4.90E+03	mg/kg	Grid Value	6.50E+03	value
81	1	001C	Uranium-238	2.25E+00	pCi/g	Avg	2.29E+00	value
81	1	001D	Aluminum	9.13E+03	mg/kg	Avg	9.55E+03	value
81	1	001D	Arsenic	1.25E+01	mg/kg	Grid Value	1.11E+01	value
81	1	001D	Beryllium	6.61E-01	mg/kg	Avg	6.98E-01	value
81	1	001D	Chromium	3.97E+01	mg/kg	Grid Value	6.38E+01	value
81	1	001D	Cobalt	1.29E+01	mg/kg	Avg	1.58E+01	value
81	1	001D	Manganese	7.06E+02	mg/kg	Grid Value	1.12E+03	value
81	1	001D	Mercury	1.00E+01	mg/kg	Grid Value	8.33E+00	value
81	1	001D	Nickel	6.50E+01	mg/kg	Grid Value	7.50E+01	value
81	1	001D	PCB, Total	3.70E-01	mg/kg	Grid Value	1.60E+02	value
81	1	001D	Silver	1.00E+01	mg/kg	Grid Value	2.70E+00	value
81	1	001D	Thallium	3.59E-01	mg/kg	Avg	3.49E-01	value
81	1	001D	Total PAH	4.01E-01	mg/kg	Avg	4.95E-01	value
81	1	001D	Uranium	7.86E+00	mg/kg	Grid Value	6.50E+03	value
81	1	001D	Uranium-238	2.25E+00	pCi/g	Avg	2.29E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
81	1	001E	Aluminum	9.13E+03	mg/kg	Avg	9.55E+03	value
81	1	001E	Arsenic	1.14E+01	mg/kg	Grid Value	1.11E+01	value
81	1	001E	Beryllium	6.61E-01	mg/kg	Avg	6.98E-01	value
81	1	001E	Chromium	3.55E+01	mg/kg	Grid Value	6.38E+01	value
81	1	001E	Cobalt	1.29E+01	mg/kg	Avg	1.58E+01	value
81	1	001E	Manganese	1.23E+03	mg/kg	Grid Value	1.12E+03	value
81	1	001E	Mercury	1.00E+01	mg/kg	Grid Value	8.33E+00	value
81	1	001E	Nickel	6.50E+01	mg/kg	Grid Value	7.50E+01	value
81	1	001E	PCB, Total	1.92E+01	mg/kg	Avg	1.60E+02	value
81	1	001E	Silver	1.00E+01	mg/kg	Grid Value	2.70E+00	value
81	1	001E	Thallium	3.59E-01	mg/kg	Avg	3.49E-01	value
81	1	001E	Total PAH	4.01E-01	mg/kg	Avg	4.95E-01	value
81	1	001E	Uranium	8.48E+00	mg/kg	Grid Value	6.50E+03	value
81	1	001E	Uranium-238	2.25E+00	pCi/g	Avg	2.29E+00	value
81	1	001F	Aluminum	9.13E+03	mg/kg	Avg	9.55E+03	value
81	1	001F	Arsenic	6.82E+00	mg/kg	Grid Value	1.11E+01	value
81	1	001F	Beryllium	6.61E-01	mg/kg	Avg	6.98E-01	value
81	1	001F	Chromium	8.50E+01	mg/kg	Grid Value	6.38E+01	value
81	1	001F	Cobalt	1.29E+01	mg/kg	Avg	1.58E+01	value
81	1	001F	Manganese	8.61E+02	mg/kg	Grid Value	1.12E+03	value
81	1	001F	Mercury	1.00E+01	mg/kg	Grid Value	8.33E+00	value
81	1	001F	Nickel	6.50E+01	mg/kg	Grid Value	7.50E+01	value
81	1	001F	PCB, Total	1.92E+01	mg/kg	Avg	1.60E+02	value
81	1	001F	Silver	1.00E+01	mg/kg	Grid Value	2.70E+00	value
81	1	001F	Thallium	3.59E-01	mg/kg	Avg	3.49E-01	value
81	1	001F	Total PAH	4.01E-01	mg/kg	Avg	4.95E-01	value
81	1	001F	Uranium	2.00E+01	mg/kg	Grid Value	6.50E+03	value
81	1	001F	Uranium-238	2.25E+00	pCi/g	Avg	2.29E+00	value
81	1	001G	Aluminum	9.13E+03	mg/kg	Avg	9.55E+03	value
81	1	001G	Arsenic	8.57E+00	mg/kg	Grid Value	1.11E+01	value
81	1	001G	Beryllium	6.61E-01	mg/kg	Avg	6.98E-01	value
81	1	001G	Chromium	4.20E+01	mg/kg	Grid Value	6.38E+01	value
81	1	001G	Cobalt	1.29E+01	mg/kg	Avg	1.58E+01	value
81	1	001G	Manganese	1.72E+03	mg/kg	Grid Value	1.12E+03	value
81	1	001G	Mercury	7.40E+00	mg/kg	Grid Value	8.33E+00	value
81	1	001G	Nickel	1.14E+02	mg/kg	Grid Value	7.50E+01	value
81	1	001G	PCB, Total	1.92E+01	mg/kg	Avg	1.60E+02	value
81	1	001G	Silver	1.00E+01	mg/kg	Grid Value	2.70E+00	value
81	1	001G	Thallium	3.59E-01	mg/kg	Avg	3.49E-01	value
81	1	001G	Total PAH	4.01E-01	mg/kg	Avg	4.95E-01	value
81	1	001G	Uranium	2.00E+01	mg/kg	Grid Value	6.50E+03	value
81	1	001G	Uranium-238	2.25E+00	pCi/g	Avg	2.29E+00	value
81	1	001H	Aluminum	9.25E+03	mg/kg	Grid Value	9.55E+03	value
81	1	001H	Arsenic	9.44E+00	mg/kg	Grid Value	1.11E+01	value
81	1	001H	Beryllium	6.70E-01	mg/kg	Grid Value	6.98E-01	value
81	1	001H	Chromium	4.70E+01	mg/kg	Grid Value	6.38E+01	value
81	1	001H	Cobalt	8.50E+00	mg/kg	Grid Value	1.58E+01	value
81	1	001H	Manganese	1.00E+03	mg/kg	Grid Value	1.12E+03	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
81	1	001H	Mercury	9.20E-03	mg/kg	Grid Value	8.33E+00	value
81	1	001H	Nickel	1.04E+01	mg/kg	Grid Value	7.50E+01	value
81	1	001H	PCB, Total	2.00E-01	mg/kg	Grid Value	1.60E+02	value
81	1	001H	Silver	3.80E-02	mg/kg	Grid Value	2.70E+00	value
81	1	001H	Thallium	2.10E-01	mg/kg	Grid Value	3.49E-01	value
81	1	001H	Total PAH	4.01E-01	mg/kg	Avg	4.95E-01	value
81	1	001H	Uranium	1.50E+00	mg/kg	Grid Value	6.50E+03	value
81	1	001H	Uranium-238	2.25E+00	pCi/g	Avg	2.29E+00	value
81	1	001I	Aluminum	9.13E+03	mg/kg	Avg	9.55E+03	value
81	1	001I	Arsenic	1.06E+01	mg/kg	Avg	1.11E+01	value
81	1	001I	Beryllium	6.61E-01	mg/kg	Avg	6.98E-01	value
81	1	001I	Chromium	5.42E+01	mg/kg	Avg	6.38E+01	value
81	1	001I	Cobalt	1.29E+01	mg/kg	Avg	1.58E+01	value
81	1	001I	Manganese	9.38E+02	mg/kg	Avg	1.12E+03	value
81	1	001I	Mercury	6.00E+00	mg/kg	Avg	8.33E+00	value
81	1	001I	Nickel	4.88E+01	mg/kg	Avg	7.50E+01	value
81	1	001I	PCB, Total	1.01E-01	mg/kg	Grid Value	1.60E+02	value
81	1	001I	Silver	6.44E+00	mg/kg	Avg	2.70E+00	value
81	1	001I	Thallium	3.59E-01	mg/kg	Avg	3.49E-01	value
81	1	001I	Total PAH	4.01E-01	mg/kg	Avg	4.95E-01	value
81	1	001I	Uranium	3.80E+03	mg/kg	Grid Value	6.50E+03	value
81	1	001I	Uranium-238	2.25E+00	pCi/g	Avg	2.29E+00	value
81	1	SOU081-002	Aluminum	9.13E+03	mg/kg	Avg	9.55E+03	value
81	1	SOU081-002	Arsenic	6.32E+00	mg/kg	Grid Value	1.11E+01	value
81	1	SOU081-002	Beryllium	6.61E-01	mg/kg	Avg	6.98E-01	value
81	1	SOU081-002	Chromium	8.50E+01	mg/kg	Grid Value	6.38E+01	value
81	1	SOU081-002	Cobalt	1.29E+01	mg/kg	Avg	1.58E+01	value
81	1	SOU081-002	Manganese	4.83E+02	mg/kg	Grid Value	1.12E+03	value
81	1	SOU081-002	Mercury	1.00E+01	mg/kg	Grid Value	8.33E+00	value
81	1	SOU081-002	Nickel	6.50E+01	mg/kg	Grid Value	7.50E+01	value
81	1	SOU081-002	PCB, Total	1.55E-01	mg/kg	Grid Value	1.60E+02	value
81	1	SOU081-002	Silver	1.00E+01	mg/kg	Grid Value	2.70E+00	value
81	1	SOU081-002	Thallium	3.59E-01	mg/kg	Avg	3.49E-01	value
81	1	SOU081-002	Total PAH	4.01E-01	mg/kg	Avg	4.95E-01	value
81	1	SOU081-002	Uranium	3.90E+03	mg/kg	Grid Value	6.50E+03	value
81	1	SOU081-002	Uranium-238	2.25E+00	pCi/g	Avg	2.29E+00	value
81	1	SOU081-003	Aluminum	9.13E+03	mg/kg	Avg	9.55E+03	value
81	1	SOU081-003	Arsenic	1.04E+01	mg/kg	Grid Value	1.11E+01	value
81	1	SOU081-003	Beryllium	6.61E-01	mg/kg	Avg	6.98E-01	value
81	1	SOU081-003	Chromium	1.08E+02	mg/kg	Grid Value	6.38E+01	value
81	1	SOU081-003	Cobalt	1.29E+01	mg/kg	Avg	1.58E+01	value
81	1	SOU081-003	Manganese	7.75E+02	mg/kg	Grid Value	1.12E+03	value
81	1	SOU081-003	Mercury	8.33E+00	mg/kg	Grid Value	8.33E+00	value
81	1	SOU081-003	Nickel	6.50E+01	mg/kg	Grid Value	7.50E+01	value
81	1	SOU081-003	PCB, Total	3.50E+00	mg/kg	Grid Value	1.60E+02	value
81	1	SOU081-003	Silver	1.00E+01	mg/kg	Grid Value	2.70E+00	value
81	1	SOU081-003	Thallium	3.59E-01	mg/kg	Avg	3.49E-01	value
81	1	SOU081-003	Total PAH	4.01E-01	mg/kg	Avg	4.95E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
81	1	SOU081-003	Uranium	4.60E+03	mg/kg	Grid Value	6.50E+03	value
81	1	SOU081-003	Uranium-238	2.25E+00	pCi/g	Avg	2.29E+00	value
81	1	003B	Aluminum	9.13E+03	mg/kg	Avg	9.55E+03	value
81	1	003B	Arsenic	1.06E+01	mg/kg	Avg	1.11E+01	value
81	1	003B	Beryllium	6.61E-01	mg/kg	Avg	6.98E-01	value
81	1	003B	Chromium	5.42E+01	mg/kg	Avg	6.38E+01	value
81	1	003B	Cobalt	1.29E+01	mg/kg	Avg	1.58E+01	value
81	1	003B	Manganese	9.38E+02	mg/kg	Avg	1.12E+03	value
81	1	003B	Mercury	6.00E+00	mg/kg	Avg	8.33E+00	value
81	1	003B	Nickel	4.88E+01	mg/kg	Avg	7.50E+01	value
81	1	003B	PCB, Total	3.70E+02	mg/kg	Grid Value	1.60E+02	value
81	1	003B	Silver	6.44E+00	mg/kg	Avg	2.70E+00	value
81	1	003B	Thallium	3.59E-01	mg/kg	Avg	3.49E-01	value
81	1	003B	Total PAH	4.01E-01	mg/kg	Avg	4.95E-01	value
81	1	003B	Uranium	2.76E+03	mg/kg	Avg	6.50E+03	value
81	1	003B	Uranium-238	2.25E+00	pCi/g	Avg	2.29E+00	value
81	1	SOU081-004	Aluminum	1.30E+04	mg/kg	Grid Value	9.55E+03	value
81	1	SOU081-004	Arsenic	1.34E+01	mg/kg	Grid Value	1.11E+01	value
81	1	SOU081-004	Beryllium	1.00E+00	mg/kg	Grid Value	6.98E-01	value
81	1	SOU081-004	Chromium	4.07E+01	mg/kg	Grid Value	6.38E+01	value
81	1	SOU081-004	Cobalt	6.30E+00	mg/kg	Grid Value	1.58E+01	value
81	1	SOU081-004	Manganese	5.63E+02	mg/kg	Grid Value	1.12E+03	value
81	1	SOU081-004	Mercury	1.00E-01	mg/kg	Grid Value	8.33E+00	value
81	1	SOU081-004	Nickel	1.46E+01	mg/kg	Grid Value	7.50E+01	value
81	1	SOU081-004	PCB, Total	1.74E+01	mg/kg	Grid Value	1.60E+02	value
81	1	SOU081-004	Silver	2.70E+00	mg/kg	Grid Value	2.70E+00	value
81	1	SOU081-004	Thallium	8.00E-01	mg/kg	Grid Value	3.49E-01	value
81	1	SOU081-004	Total PAH	4.10E-01	mg/kg	Grid Value	4.95E-01	value
81	1	SOU081-004	Uranium	3.90E+03	mg/kg	Grid Value	6.50E+03	value
81	1	SOU081-004	Uranium-238	2.25E+00	pCi/g	Avg	2.29E+00	value
81	1	SOU081-005	Aluminum	9.13E+03	mg/kg	Avg	9.55E+03	value
81	1	SOU081-005	Arsenic	1.36E+01	mg/kg	Grid Value	1.11E+01	value
81	1	SOU081-005	Beryllium	6.61E-01	mg/kg	Avg	6.98E-01	value
81	1	SOU081-005	Chromium	4.37E+01	mg/kg	Grid Value	6.38E+01	value
81	1	SOU081-005	Cobalt	1.29E+01	mg/kg	Avg	1.58E+01	value
81	1	SOU081-005	Manganese	6.10E+02	mg/kg	Grid Value	1.12E+03	value
81	1	SOU081-005	Mercury	1.00E+01	mg/kg	Grid Value	8.33E+00	value
81	1	SOU081-005	Nickel	6.50E+01	mg/kg	Grid Value	7.50E+01	value
81	1	SOU081-005	PCB, Total	2.68E-01	mg/kg	Grid Value	1.60E+02	value
81	1	SOU081-005	Silver	1.00E+01	mg/kg	Grid Value	2.70E+00	value
81	1	SOU081-005	Thallium	3.59E-01	mg/kg	Avg	3.49E-01	value
81	1	SOU081-005	Total PAH	4.01E-01	mg/kg	Avg	4.95E-01	value
81	1	SOU081-005	Uranium	4.20E+03	mg/kg	Grid Value	6.50E+03	value
81	1	SOU081-005	Uranium-238	2.25E+00	pCi/g	Avg	2.29E+00	value
81	1	SOU081-005A	Aluminum	1.10E+04	mg/kg	Grid Value	9.55E+03	UCL 95 or maximum value
81	1	SOU081-005A	Arsenic	1.28E+01	mg/kg	Grid Value	1.11E+01	UCL 95 or maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
81	1	SOU081-005A	Beryllium	6.10E-01	mg/kg	Grid Value	6.98E-01	UCL 95 or maximum value
81	1	SOU081-005A	Chromium	1.40E+01	mg/kg	Grid Value	6.38E+01	UCL 95 or maximum value
81	1	SOU081-005A	Cobalt	4.83E+01	mg/kg	Grid Value	1.58E+01	UCL 95 or maximum value
81	1	SOU081-005A	Manganese	3.65E+03	mg/kg	Grid Value	1.12E+03	UCL 95 or maximum value
81	1	SOU081-005A	Mercury	8.10E-03	mg/kg	Grid Value	8.33E+00	UCL 95 or maximum value
81	1	SOU081-005A	Nickel	1.90E+01	mg/kg	Grid Value	7.50E+01	UCL 95 or maximum value
81	1	SOU081-005A	PCB, Total	4.29E-01	mg/kg	Grid Value	1.60E+02	UCL 95 or maximum value
81	1	SOU081-005A	Silver	3.10E-02	mg/kg	Grid Value	2.70E+00	UCL 95 or maximum value
81	1	SOU081-005A	Thallium	4.20E-01	mg/kg	Grid Value	3.49E-01	UCL 95 or maximum value
81	1	SOU081-005A	Total PAH	4.01E-01	mg/kg	Avg	4.95E-01	UCL 95 or maximum value
81	1	SOU081-005A	Uranium	1.40E+00	mg/kg	Grid Value	6.50E+03	UCL 95 or maximum value
81	1	SOU081-005A	Uranium-238	2.25E+00	pCi/g	Avg	2.29E+00	UCL 95 or maximum value
81	1	005B	Aluminum	9.13E+03	mg/kg	Avg	9.55E+03	value
81	1	005B	Arsenic	1.13E+01	mg/kg	Grid Value	1.11E+01	value
81	1	005B	Beryllium	6.61E-01	mg/kg	Avg	6.98E-01	value
81	1	005B	Chromium	7.61E+01	mg/kg	Grid Value	6.38E+01	value
81	1	005B	Cobalt	1.29E+01	mg/kg	Avg	1.58E+01	value
81	1	005B	Manganese	5.64E+02	mg/kg	Grid Value	1.12E+03	value
81	1	005B	Mercury	1.00E+01	mg/kg	Grid Value	8.33E+00	value
81	1	005B	Nickel	6.50E+01	mg/kg	Grid Value	7.50E+01	value
81	1	005B	PCB, Total	1.17E-01	mg/kg	Grid Value	1.60E+02	value
81	1	005B	Silver	1.00E+01	mg/kg	Grid Value	2.70E+00	value
81	1	005B	Thallium	3.59E-01	mg/kg	Avg	3.49E-01	value
81	1	005B	Total PAH	4.01E-01	mg/kg	Avg	4.95E-01	value
81	1	005B	Uranium	4.20E+03	mg/kg	Grid Value	6.50E+03	value
81	1	005B	Uranium-238	2.25E+00	pCi/g	Avg	2.29E+00	value
81	1	005C	Aluminum	9.13E+03	mg/kg	Avg	9.55E+03	value
81	1	005C	Arsenic	1.08E+01	mg/kg	Grid Value	1.11E+01	value
81	1	005C	Beryllium	6.61E-01	mg/kg	Avg	6.98E-01	value
81	1	005C	Chromium	8.50E+01	mg/kg	Grid Value	6.38E+01	value
81	1	005C	Cobalt	1.29E+01	mg/kg	Avg	1.58E+01	value
81	1	005C	Manganese	1.22E+02	mg/kg	Grid Value	1.12E+03	value
81	1	005C	Mercury	1.00E+01	mg/kg	Grid Value	8.33E+00	value
81	1	005C	Nickel	6.50E+01	mg/kg	Grid Value	7.50E+01	value
81	1	005C	PCB, Total	7.00E-01	mg/kg	Grid Value	1.60E+02	value
81	1	005C	Silver	1.00E+01	mg/kg	Grid Value	2.70E+00	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
81	1	005C	Thallium	3.59E-01	mg/kg	Avg	3.49E-01	value
81	1	005C	Total PAH	4.01E-01	mg/kg	Avg	4.95E-01	value
81	1	005C	Uranium	3.10E+03	mg/kg	Grid Value	6.50E+03	value
81	1	005C	Uranium-238	2.25E+00	pCi/g	Avg	2.29E+00	value
81	1	005D	Aluminum	9.18E+03	mg/kg	Grid Value	9.55E+03	value
81	1	005D	Arsenic	9.10E+00	mg/kg	Grid Value	1.11E+01	value
81	1	005D	Beryllium	7.00E-01	mg/kg	Grid Value	6.98E-01	value
81	1	005D	Chromium	1.22E+01	mg/kg	Grid Value	6.38E+01	value
81	1	005D	Cobalt	1.03E+01	mg/kg	Grid Value	1.58E+01	value
81	1	005D	Manganese	7.14E+02	mg/kg	Grid Value	1.12E+03	value
81	1	005D	Mercury	1.00E-01	mg/kg	Grid Value	8.33E+00	value
81	1	005D	Nickel	1.52E+01	mg/kg	Grid Value	7.50E+01	value
81	1	005D	PCB, Total	6.00E+00	mg/kg	Grid Value	1.60E+02	value
81	1	005D	Silver	2.30E+00	mg/kg	Grid Value	2.70E+00	value
81	1	005D	Thallium	7.00E-01	mg/kg	Grid Value	3.49E-01	value
81	1	005D	Total PAH	4.00E-01	mg/kg	Grid Value	4.95E-01	value
81	1	005D	Uranium	3.00E+03	mg/kg	Grid Value	6.50E+03	value
81	1	005D	Uranium-238	2.25E+00	pCi/g	Avg	2.29E+00	value
81	1	SOU081-006	Aluminum	9.13E+03	mg/kg	Avg	9.55E+03	value
81	1	SOU081-006	Arsenic	1.21E+01	mg/kg	Grid Value	1.11E+01	value
81	1	SOU081-006	Beryllium	6.61E-01	mg/kg	Avg	6.98E-01	value
81	1	SOU081-006	Chromium	4.62E+01	mg/kg	Grid Value	6.38E+01	value
81	1	SOU081-006	Cobalt	1.29E+01	mg/kg	Avg	1.58E+01	value
81	1	SOU081-006	Manganese	6.02E+02	mg/kg	Grid Value	1.12E+03	value
81	1	SOU081-006	Mercury	1.00E+01	mg/kg	Grid Value	8.33E+00	value
81	1	SOU081-006	Nickel	6.50E+01	mg/kg	Grid Value	7.50E+01	value
81	1	SOU081-006	PCB, Total	2.50E-02	mg/kg	Grid Value	1.60E+02	value
81	1	SOU081-006	Silver	1.00E+01	mg/kg	Grid Value	2.70E+00	value
81	1	SOU081-006	Thallium	3.59E-01	mg/kg	Avg	3.49E-01	value
81	1	SOU081-006	Total PAH	4.01E-01	mg/kg	Avg	4.95E-01	value
81	1	SOU081-006	Uranium	6.00E+03	mg/kg	Grid Value	6.50E+03	value
81	1	SOU081-006	Uranium-238	2.25E+00	pCi/g	Avg	2.29E+00	value
81	1	SOU081-006A	Aluminum	9.13E+03	mg/kg	Avg	9.55E+03	UCL 95 or maximum value
81	1	SOU081-006A	Arsenic	1.06E+01	mg/kg	Avg	1.11E+01	UCL 95 or maximum value
81	1	SOU081-006A	Beryllium	6.61E-01	mg/kg	Avg	6.98E-01	UCL 95 or maximum value
81	1	SOU081-006A	Chromium	5.42E+01	mg/kg	Avg	6.38E+01	UCL 95 or maximum value
81	1	SOU081-006A	Cobalt	1.29E+01	mg/kg	Avg	1.58E+01	UCL 95 or maximum value
81	1	SOU081-006A	Manganese	9.38E+02	mg/kg	Avg	1.12E+03	UCL 95 or maximum value
81	1	SOU081-006A	Mercury	6.00E+00	mg/kg	Avg	8.33E+00	UCL 95 or maximum value
81	1	SOU081-006A	Nickel	4.88E+01	mg/kg	Avg	7.50E+01	UCL 95 or maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
81	1	SOU081-006A	PCB, Total	1.50E-02	mg/kg	Grid Value	1.60E+02	UCL 95 or maximum value
81	1	SOU081-006A	Silver	6.44E+00	mg/kg	Avg	2.70E+00	UCL 95 or maximum value
81	1	SOU081-006A	Thallium	3.59E-01	mg/kg	Avg	3.49E-01	UCL 95 or maximum value
81	1	SOU081-006A	Total PAH	4.01E-01	mg/kg	Avg	4.95E-01	UCL 95 or maximum value
81	1	SOU081-006A	Uranium	4.00E+03	mg/kg	Grid Value	6.50E+03	UCL 95 or maximum value
81	1	SOU081-006A	Uranium-238	2.25E+00	pCi/g	Avg	2.29E+00	UCL 95 or maximum value
81	1	006B	Aluminum	9.13E+03	mg/kg	Avg	9.55E+03	value
81	1	006B	Arsenic	1.06E+01	mg/kg	Avg	1.11E+01	value
81	1	006B	Beryllium	6.61E-01	mg/kg	Avg	6.98E-01	value
81	1	006B	Chromium	5.42E+01	mg/kg	Avg	6.38E+01	value
81	1	006B	Cobalt	1.29E+01	mg/kg	Avg	1.58E+01	value
81	1	006B	Manganese	9.38E+02	mg/kg	Avg	1.12E+03	value
81	1	006B	Mercury	6.00E+00	mg/kg	Avg	8.33E+00	value
81	1	006B	Nickel	4.88E+01	mg/kg	Avg	7.50E+01	value
81	1	006B	PCB, Total	1.90E+00	mg/kg	Grid Value	1.60E+02	value
81	1	006B	Silver	6.44E+00	mg/kg	Avg	2.70E+00	value
81	1	006B	Thallium	3.59E-01	mg/kg	Avg	3.49E-01	value
81	1	006B	Total PAH	4.01E-01	mg/kg	Avg	4.95E-01	value
81	1	006B	Uranium	2.76E+03	mg/kg	Avg	6.50E+03	value
81	1	006B	Uranium-238	2.25E+00	pCi/g	Avg	2.29E+00	value
81	1	006C	Aluminum	9.13E+03	mg/kg	Avg	9.55E+03	value
81	1	006C	Arsenic	1.28E+01	mg/kg	Grid Value	1.11E+01	value
81	1	006C	Beryllium	6.61E-01	mg/kg	Avg	6.98E-01	value
81	1	006C	Chromium	5.53E+01	mg/kg	Grid Value	6.38E+01	value
81	1	006C	Cobalt	1.29E+01	mg/kg	Avg	1.58E+01	value
81	1	006C	Manganese	1.38E+03	mg/kg	Grid Value	1.12E+03	value
81	1	006C	Mercury	1.00E+01	mg/kg	Grid Value	8.33E+00	value
81	1	006C	Nickel	7.61E+01	mg/kg	Grid Value	7.50E+01	value
81	1	006C	PCB, Total	1.92E+01	mg/kg	Avg	1.60E+02	value
81	1	006C	Silver	1.00E+01	mg/kg	Grid Value	2.70E+00	value
81	1	006C	Thallium	3.59E-01	mg/kg	Avg	3.49E-01	value
81	1	006C	Total PAH	4.01E-01	mg/kg	Avg	4.95E-01	value
81	1	006C	Uranium	7.90E+00	mg/kg	Grid Value	6.50E+03	value
81	1	006C	Uranium-238	2.25E+00	pCi/g	Avg	2.29E+00	value
81	1	006D	Aluminum	9.61E+03	mg/kg	Grid Value	9.55E+03	value
81	1	006D	Arsenic	1.00E+01	mg/kg	Grid Value	1.11E+01	value
81	1	006D	Beryllium	7.70E-01	mg/kg	Grid Value	6.98E-01	value
81	1	006D	Chromium	4.17E+01	mg/kg	Grid Value	6.38E+01	value
81	1	006D	Cobalt	7.90E+00	mg/kg	Grid Value	1.58E+01	value
81	1	006D	Manganese	4.38E+02	mg/kg	Grid Value	1.12E+03	value
81	1	006D	Mercury	2.33E-02	mg/kg	Grid Value	8.33E+00	value
81	1	006D	Nickel	1.38E+01	mg/kg	Grid Value	7.50E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
81	1	006D	PCB, Total	3.80E-02	mg/kg	Grid Value	1.60E+02	value
81	1	006D	Silver	3.20E-02	mg/kg	Grid Value	2.70E+00	value
81	1	006D	Thallium	2.20E-01	mg/kg	Grid Value	3.49E-01	value
81	1	006D	Total PAH	4.01E-01	mg/kg	Avg	4.95E-01	value
81	1	006D	Uranium	4.30E+03	mg/kg	Grid Value	6.50E+03	value
81	1	006D	Uranium-238	2.25E+00	pCi/g	Avg	2.29E+00	value
81	1	006E	Aluminum	9.13E+03	mg/kg	Avg	9.55E+03	value
81	1	006E	Arsenic	1.06E+01	mg/kg	Avg	1.11E+01	value
81	1	006E	Beryllium	6.61E-01	mg/kg	Avg	6.98E-01	value
81	1	006E	Chromium	5.42E+01	mg/kg	Avg	6.38E+01	value
81	1	006E	Cobalt	1.29E+01	mg/kg	Avg	1.58E+01	value
81	1	006E	Manganese	9.38E+02	mg/kg	Avg	1.12E+03	value
81	1	006E	Mercury	6.00E+00	mg/kg	Avg	8.33E+00	value
81	1	006E	Nickel	4.88E+01	mg/kg	Avg	7.50E+01	value
81	1	006E	PCB, Total	1.92E+01	mg/kg	Avg	1.60E+02	value
81	1	006E	Silver	6.44E+00	mg/kg	Avg	2.70E+00	value
81	1	006E	Thallium	3.59E-01	mg/kg	Avg	3.49E-01	value
81	1	006E	Total PAH	4.01E-01	mg/kg	Avg	4.95E-01	value
81	1	006E	Uranium	2.76E+03	mg/kg	Avg	6.50E+03	value
81	1	006E	Uranium-238	2.25E+00	pCi/g	Avg	2.29E+00	value
81	1	SOU081-007	Aluminum	9.29E+03	mg/kg	Grid Value	9.55E+03	value
81	1	SOU081-007	Arsenic	1.03E+01	mg/kg	Grid Value	1.11E+01	value
81	1	SOU081-007	Beryllium	5.40E-01	mg/kg	Grid Value	6.98E-01	value
81	1	SOU081-007	Chromium	3.84E+01	mg/kg	Grid Value	6.38E+01	value
81	1	SOU081-007	Cobalt	8.70E+00	mg/kg	Grid Value	1.58E+01	value
81	1	SOU081-007	Manganese	5.95E+02	mg/kg	Grid Value	1.12E+03	value
81	1	SOU081-007	Mercury	2.65E-02	mg/kg	Grid Value	8.33E+00	value
81	1	SOU081-007	Nickel	1.13E+01	mg/kg	Grid Value	7.50E+01	value
81	1	SOU081-007	PCB, Total	3.30E-01	mg/kg	Grid Value	1.60E+02	value
81	1	SOU081-007	Silver	3.50E-02	mg/kg	Grid Value	2.70E+00	value
81	1	SOU081-007	Thallium	1.70E-01	mg/kg	Grid Value	3.49E-01	value
81	1	SOU081-007	Total PAH	7.30E-03	mg/kg	Grid Value	4.95E-01	value
81	1	SOU081-007	Uranium	7.98E+00	mg/kg	Grid Value	6.50E+03	value
81	1	SOU081-007	Uranium-238	2.67E+00	pCi/g	Grid Value	2.29E+00	value
153	1	SOU153-001	Arsenic	8.91E+00	mg/kg	Grid Value	9.92E+00	value
153	1	SOU153-001	Chromium	6.59E+01	mg/kg	Grid Value	6.59E+01	value
153	1	SOU153-001	Manganese	4.49E+02	mg/kg	Grid Value	5.73E+02	value
153	1	SOU153-001	Nickel	1.32E+01	mg/kg	Grid Value	7.83E+01	value
153	1	SOU153-001	PCB, Total	3.50E-01	mg/kg	Grid Value	6.00E-01	value
153	1	SOU153-001	Silver	3.40E-02	mg/kg	Grid Value	1.32E+01	value
153	1	SOU153-001	Total PAH	8.69E-02	mg/kg	Grid Value	7.31E-02	value
153	1	SOU153-002	Arsenic	9.44E+00	mg/kg	Grid Value	9.92E+00	value
153	1	SOU153-002	Chromium	6.12E+01	mg/kg	Grid Value	6.59E+01	value
153	1	SOU153-002	Manganese	1.78E+02	mg/kg	Grid Value	5.73E+02	value
153	1	SOU153-002	Nickel	9.92E+01	mg/kg	Grid Value	7.83E+01	value
153	1	SOU153-002	PCB, Total	5.00E+00	mg/kg	Grid Value	6.00E-01	value
153	1	SOU153-002	Silver	1.00E+01	mg/kg	Grid Value	1.32E+01	value
153	1	SOU153-002	Total PAH	4.76E-02	mg/kg	Avg	7.31E-02	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
153	1	SOU153-003	Arsenic	8.72E+00	mg/kg	Grid Value	9.92E+00	value
153	1	SOU153-003	Chromium	8.50E+01	mg/kg	Grid Value	6.59E+01	value
153	1	SOU153-003	Manganese	1.02E+03	mg/kg	Grid Value	5.73E+02	value
153	1	SOU153-003	Nickel	8.43E+01	mg/kg	Grid Value	7.83E+01	value
153	1	SOU153-003	PCB, Total	5.00E+00	mg/kg	Grid Value	6.00E-01	value
153	1	SOU153-003	Silver	1.00E+01	mg/kg	Grid Value	1.32E+01	value
153	1	SOU153-003	Total PAH	4.76E-02	mg/kg	Avg	7.31E-02	value
153	1	SOU153-004	Arsenic	6.47E+00	mg/kg	Grid Value	9.92E+00	value
153	1	SOU153-004	Chromium	8.50E+01	mg/kg	Grid Value	6.59E+01	value
153	1	SOU153-004	Manganese	1.15E+02	mg/kg	Grid Value	5.73E+02	value
153	1	SOU153-004	Nickel	6.50E+01	mg/kg	Grid Value	7.83E+01	value
153	1	SOU153-004	PCB, Total	5.00E+00	mg/kg	Grid Value	6.00E-01	value
153	1	SOU153-004	Silver	1.00E+01	mg/kg	Grid Value	1.32E+01	value
153	1	SOU153-004	Total PAH	4.76E-02	mg/kg	Avg	7.31E-02	value
153	1	SOU153-005	Arsenic	8.57E+00	mg/kg	Grid Value	9.92E+00	value
153	1	SOU153-005	Chromium	8.50E+01	mg/kg	Grid Value	6.59E+01	value
153	1	SOU153-005	Manganese	1.45E+02	mg/kg	Grid Value	5.73E+02	value
153	1	SOU153-005	Nickel	6.50E+01	mg/kg	Grid Value	7.83E+01	value
153	1	SOU153-005	PCB, Total	6.00E-01	mg/kg	Grid Value	6.00E-01	value
153	1	SOU153-005	Silver	1.24E+01	mg/kg	Grid Value	1.32E+01	value
153	1	SOU153-005	Total PAH	4.76E-02	mg/kg	Avg	7.31E-02	value
153	1	SOU153-006	Arsenic	5.82E+00	mg/kg	Grid Value	9.92E+00	value
153	1	SOU153-006	Chromium	4.21E+01	mg/kg	Grid Value	6.59E+01	value
153	1	SOU153-006	Manganese	1.10E+02	mg/kg	Grid Value	5.73E+02	value
153	1	SOU153-006	Nickel	6.50E+01	mg/kg	Grid Value	7.83E+01	value
153	1	SOU153-006	PCB, Total	5.00E+00	mg/kg	Grid Value	6.00E-01	value
153	1	SOU153-006	Silver	1.32E+01	mg/kg	Grid Value	1.32E+01	value
153	1	SOU153-006	Total PAH	4.76E-02	mg/kg	Avg	7.31E-02	value
153	1	SOU153-007	Arsenic	1.03E+01	mg/kg	Grid Value	9.92E+00	value
153	1	SOU153-007	Chromium	6.43E+01	mg/kg	Grid Value	6.59E+01	value
153	1	SOU153-007	Manganese	5.09E+02	mg/kg	Grid Value	5.73E+02	value
153	1	SOU153-007	Nickel	2.08E+01	mg/kg	Grid Value	7.83E+01	value
153	1	SOU153-007	PCB, Total	3.80E-01	mg/kg	Grid Value	6.00E-01	value
153	1	SOU153-007	Silver	2.10E-02	mg/kg	Grid Value	1.32E+01	value
153	1	SOU153-007	Total PAH	8.30E-03	mg/kg	Grid Value	7.31E-02	value
153	1	SOU153-008	Arsenic	8.98E+00	mg/kg	Grid Value	9.92E+00	value
153	1	SOU153-008	Chromium	4.78E+01	mg/kg	Grid Value	6.59E+01	value
153	1	SOU153-008	Manganese	3.22E+02	mg/kg	Grid Value	5.73E+02	value
153	1	SOU153-008	Nickel	6.50E+01	mg/kg	Grid Value	7.83E+01	value
153	1	SOU153-008	PCB, Total	5.00E+00	mg/kg	Grid Value	6.00E-01	value
153	1	SOU153-008	Silver	1.00E+01	mg/kg	Grid Value	1.32E+01	value
153	1	SOU153-008	Total PAH	4.76E-02	mg/kg	Avg	7.31E-02	value
153	1	SOU153-009	Arsenic	1.10E+01	mg/kg	Grid Value	9.92E+00	value
153	1	SOU153-009	Chromium	4.13E+01	mg/kg	Grid Value	6.59E+01	value
153	1	SOU153-009	Manganese	4.52E+02	mg/kg	Grid Value	5.73E+02	value
153	1	SOU153-009	Nickel	6.50E+01	mg/kg	Grid Value	7.83E+01	value
153	1	SOU153-009	PCB, Total	5.00E+00	mg/kg	Grid Value	6.00E-01	value
153	1	SOU153-009	Silver	1.00E+01	mg/kg	Grid Value	1.32E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
153	1	SOU153-009	Total PAH	4.76E-02	mg/kg	Avg	7.31E-02	value
153	1	SOU153-010	Arsenic	1.10E+01	mg/kg	Grid Value	9.92E+00	value
153	1	SOU153-010	Chromium	4.20E+01	mg/kg	Grid Value	6.59E+01	value
153	1	SOU153-010	Manganese	3.22E+02	mg/kg	Grid Value	5.73E+02	value
153	1	SOU153-010	Nickel	8.48E+01	mg/kg	Grid Value	7.83E+01	value
153	1	SOU153-010	PCB, Total	5.00E+00	mg/kg	Grid Value	6.00E-01	value
153	1	SOU153-010	Silver	1.00E+01	mg/kg	Grid Value	1.32E+01	value
153	1	SOU153-010	Total PAH	4.76E-02	mg/kg	Avg	7.31E-02	value
156	1	SOU156-001	Arsenic	6.02E+00	mg/kg	Grid Value	1.11E+01	maximum value
156	1	SOU156-001	Beryllium	7.83E-01	mg/kg	Avg	1.00E+00	maximum value
156	1	SOU156-001	Chromium	3.65E+01	mg/kg	Grid Value	6.31E+01	maximum value
156	1	SOU156-001	Cobalt	9.23E+00	mg/kg	Avg	1.72E+01	maximum value
156	1	SOU156-001	Manganese	5.67E+02	mg/kg	Grid Value	2.83E+03	maximum value
156	1	SOU156-001	Mercury	9.87E+00	mg/kg	Grid Value	9.87E+00	maximum value
156	1	SOU156-001	Nickel	6.50E+01	mg/kg	Grid Value	6.16E+01	maximum value
156	1	SOU156-001	PCB, Total	5.00E+00	mg/kg	Grid Value	3.00E-01	maximum value
156	1	SOU156-001	Silver	1.00E+01	mg/kg	Grid Value	1.19E+01	maximum value
156	1	SOU156-001	Total PAH	4.48E-02	mg/kg	Avg	8.26E-02	maximum value
156	1	SOU156-001	Uranium	2.00E+01	mg/kg	Grid Value	2.32E+01	maximum value
156	1	SOU156-001	Uranium-238	1.62E+00	pCi/g	Avg	2.19E+00	maximum value
156	1	SOU156-002	Arsenic	6.19E+00	mg/kg	Grid Value	1.11E+01	maximum value
156	1	SOU156-002	Beryllium	7.83E-01	mg/kg	Avg	1.00E+00	maximum value
156	1	SOU156-002	Chromium	3.46E+01	mg/kg	Grid Value	6.31E+01	maximum value
156	1	SOU156-002	Cobalt	9.23E+00	mg/kg	Avg	1.72E+01	maximum value
156	1	SOU156-002	Manganese	4.48E+02	mg/kg	Grid Value	2.83E+03	maximum value
156	1	SOU156-002	Mercury	1.00E+01	mg/kg	Grid Value	9.87E+00	maximum value
156	1	SOU156-002	Nickel	6.16E+01	mg/kg	Grid Value	6.16E+01	maximum value
156	1	SOU156-002	PCB, Total	5.00E+00	mg/kg	Grid Value	3.00E-01	maximum value
156	1	SOU156-002	Silver	1.00E+01	mg/kg	Grid Value	1.19E+01	maximum value
156	1	SOU156-002	Total PAH	4.48E-02	mg/kg	Avg	8.26E-02	maximum value
156	1	SOU156-002	Uranium	1.24E+01	mg/kg	Grid Value	2.32E+01	maximum value
156	1	SOU156-002	Uranium-238	1.62E+00	pCi/g	Avg	2.19E+00	maximum value
156	1	SOU156-003	Arsenic	1.10E+01	mg/kg	Grid Value	1.11E+01	maximum value
156	1	SOU156-003	Beryllium	7.83E-01	mg/kg	Avg	1.00E+00	maximum value
156	1	SOU156-003	Chromium	4.92E+01	mg/kg	Grid Value	6.31E+01	maximum value
156	1	SOU156-003	Cobalt	9.23E+00	mg/kg	Avg	1.72E+01	maximum value
156	1	SOU156-003	Manganese	4.73E+02	mg/kg	Grid Value	2.83E+03	maximum value
156	1	SOU156-003	Mercury	1.00E+01	mg/kg	Grid Value	9.87E+00	maximum value
156	1	SOU156-003	Nickel	6.50E+01	mg/kg	Grid Value	6.16E+01	maximum value
156	1	SOU156-003	PCB, Total	5.00E+00	mg/kg	Grid Value	3.00E-01	maximum value
156	1	SOU156-003	Silver	1.00E+01	mg/kg	Grid Value	1.19E+01	maximum value
156	1	SOU156-003	Total PAH	4.48E-02	mg/kg	Avg	8.26E-02	maximum value
156	1	SOU156-003	Uranium	2.00E+01	mg/kg	Grid Value	2.32E+01	maximum value
156	1	SOU156-003	Uranium-238	1.62E+00	pCi/g	Avg	2.19E+00	maximum value
156	1	SOU156-004	Arsenic	1.11E+01	mg/kg	Grid Value	1.11E+01	maximum value
156	1	SOU156-004	Beryllium	1.00E+00	mg/kg	Grid Value	1.00E+00	maximum value
156	1	SOU156-004	Chromium	4.90E+01	mg/kg	Grid Value	6.31E+01	maximum value
156	1	SOU156-004	Cobalt	2.90E+00	mg/kg	Grid Value	1.72E+01	maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
156	1	SOU156-004	Manganese	2.83E+03	mg/kg	Grid Value	2.83E+03	maximum value
156	1	SOU156-004	Mercury	4.29E-02	mg/kg	Grid Value	9.87E+00	maximum value
156	1	SOU156-004	Nickel	7.00E+00	mg/kg	Grid Value	6.16E+01	maximum value
156	1	SOU156-004	PCB, Total	3.90E-01	mg/kg	Grid Value	3.00E-01	maximum value
156	1	SOU156-004	Silver	1.19E+01	mg/kg	Grid Value	1.19E+01	maximum value
156	1	SOU156-004	Total PAH	2.50E-02	mg/kg	Grid Value	8.26E-02	maximum value
156	1	SOU156-004	Uranium	7.81E+00	mg/kg	Grid Value	2.32E+01	maximum value
156	1	SOU156-004	Uranium-238	1.62E+00	pCi/g	Avg	2.19E+00	maximum value
156	1	SOU156-005	Arsenic	8.17E+00	mg/kg	Grid Value	1.11E+01	maximum value
156	1	SOU156-005	Beryllium	7.83E-01	mg/kg	Avg	1.00E+00	maximum value
156	1	SOU156-005	Chromium	5.08E+01	mg/kg	Grid Value	6.31E+01	maximum value
156	1	SOU156-005	Cobalt	9.23E+00	mg/kg	Avg	1.72E+01	maximum value
156	1	SOU156-005	Manganese	4.90E+02	mg/kg	Grid Value	2.83E+03	maximum value
156	1	SOU156-005	Mercury	1.00E+01	mg/kg	Grid Value	9.87E+00	maximum value
156	1	SOU156-005	Nickel	6.50E+01	mg/kg	Grid Value	6.16E+01	maximum value
156	1	SOU156-005	PCB, Total	5.00E+00	mg/kg	Grid Value	3.00E-01	maximum value
156	1	SOU156-005	Silver	1.00E+01	mg/kg	Grid Value	1.19E+01	maximum value
156	1	SOU156-005	Total PAH	4.48E-02	mg/kg	Avg	8.26E-02	maximum value
156	1	SOU156-005	Uranium	2.00E+01	mg/kg	Grid Value	2.32E+01	maximum value
156	1	SOU156-005	Uranium-238	1.62E+00	pCi/g	Avg	2.19E+00	maximum value
156	1	SOU156-006	Arsenic	9.15E+00	mg/kg	Grid Value	1.11E+01	maximum value
156	1	SOU156-006	Beryllium	7.83E-01	mg/kg	Avg	1.00E+00	maximum value
156	1	SOU156-006	Chromium	6.31E+01	mg/kg	Grid Value	6.31E+01	maximum value
156	1	SOU156-006	Cobalt	9.23E+00	mg/kg	Avg	1.72E+01	maximum value
156	1	SOU156-006	Manganese	4.29E+02	mg/kg	Grid Value	2.83E+03	maximum value
156	1	SOU156-006	Mercury	1.00E+01	mg/kg	Grid Value	9.87E+00	maximum value
156	1	SOU156-006	Nickel	6.50E+01	mg/kg	Grid Value	6.16E+01	maximum value
156	1	SOU156-006	PCB, Total	3.00E-01	mg/kg	Grid Value	3.00E-01	maximum value
156	1	SOU156-006	Silver	1.00E+01	mg/kg	Grid Value	1.19E+01	maximum value
156	1	SOU156-006	Total PAH	4.48E-02	mg/kg	Avg	8.26E-02	maximum value
156	1	SOU156-006	Uranium	2.32E+01	mg/kg	Grid Value	2.32E+01	maximum value
156	1	SOU156-006	Uranium-238	1.62E+00	pCi/g	Avg	2.19E+00	maximum value
156	1	SOU156-007	Arsenic	7.88E+00	mg/kg	Grid Value	1.11E+01	maximum value
156	1	SOU156-007	Beryllium	5.20E-01	mg/kg	Grid Value	1.00E+00	maximum value
156	1	SOU156-007	Chromium	3.57E+01	mg/kg	Grid Value	6.31E+01	maximum value
156	1	SOU156-007	Cobalt	7.60E+00	mg/kg	Grid Value	1.72E+01	maximum value
156	1	SOU156-007	Manganese	7.17E+02	mg/kg	Grid Value	2.83E+03	maximum value
156	1	SOU156-007	Mercury	2.55E-02	mg/kg	Grid Value	9.87E+00	maximum value
156	1	SOU156-007	Nickel	1.15E+01	mg/kg	Grid Value	6.16E+01	maximum value
156	1	SOU156-007	PCB, Total	5.00E+00	mg/kg	Grid Value	3.00E-01	maximum value
156	1	SOU156-007	Silver	3.30E-02	mg/kg	Grid Value	1.19E+01	maximum value
156	1	SOU156-007	Total PAH	8.26E-02	mg/kg	Grid Value	8.26E-02	maximum value
156	1	SOU156-007	Uranium	1.48E+01	mg/kg	Grid Value	2.32E+01	maximum value
156	1	SOU156-007	Uranium-238	2.19E+00	pCi/g	Grid Value	2.19E+00	maximum value
156	1	SOU156-008	Arsenic	7.30E+00	mg/kg	Grid Value	1.11E+01	maximum value
156	1	SOU156-008	Beryllium	8.30E-01	mg/kg	Grid Value	1.00E+00	maximum value
156	1	SOU156-008	Chromium	4.04E+01	mg/kg	Grid Value	6.31E+01	maximum value
156	1	SOU156-008	Cobalt	1.72E+01	mg/kg	Grid Value	1.72E+01	maximum value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
156	1	SOU156-008	Manganese	7.18E+02	mg/kg	Grid Value	2.83E+03	maximum value
156	1	SOU156-008	Mercury	6.95E+00	mg/kg	Grid Value	9.87E+00	maximum value
156	1	SOU156-008	Nickel	1.62E+01	mg/kg	Grid Value	6.16E+01	maximum value
156	1	SOU156-008	PCB, Total	5.00E+00	mg/kg	Grid Value	3.00E-01	maximum value
156	1	SOU156-008	Silver	1.50E-02	mg/kg	Grid Value	1.19E+01	maximum value
156	1	SOU156-008	Total PAH	2.69E-02	mg/kg	Grid Value	8.26E-02	maximum value
156	1	SOU156-008	Uranium	3.16E+00	mg/kg	Grid Value	2.32E+01	maximum value
156	1	SOU156-008	Uranium-238	1.05E+00	pCi/g	Grid Value	2.19E+00	maximum value
160	1	SOU160-001	Antimony	1.70E-01	mg/kg	Grid Value	6.80E-01	maximum value
160	1	SOU160-001	Arsenic	8.22E+00	mg/kg	Grid Value	8.22E+00	maximum value
160	1	SOU160-001	Chromium	4.63E+01	mg/kg	Grid Value	4.63E+01	maximum value
160	1	SOU160-001	Silver	3.80E-02	mg/kg	Grid Value	1.13E+01	maximum value
160	1	SOU160-001	Total PAH	1.02E-01	mg/kg	Grid Value	1.02E-01	maximum value
160	1	SOU160-002	Antimony	6.80E-01	mg/kg	Grid Value	6.80E-01	maximum value
160	1	SOU160-002	Arsenic	4.50E+00	mg/kg	Grid Value	8.22E+00	maximum value
160	1	SOU160-002	Chromium	3.36E+01	mg/kg	Grid Value	4.63E+01	maximum value
160	1	SOU160-002	Silver	1.13E+01	mg/kg	Grid Value	1.13E+01	maximum value
160	1	SOU160-002	Total PAH	5.29E-02	mg/kg	Grid Value	1.02E-01	maximum value
163	1	SOU163-001	Arsenic	9.48E+00	mg/kg	Grid Value	1.00E+01	value
163	1	SOU163-001	Chromium	8.50E+01	mg/kg	Grid Value	5.89E+01	value
163	1	SOU163-001	Mercury	1.00E+01	mg/kg	Grid Value	7.53E+00	value
163	1	SOU163-001	Nickel	6.50E+01	mg/kg	Grid Value	7.54E+01	value
163	1	SOU163-001	Silver	1.00E+01	mg/kg	Grid Value	1.05E+01	value
163	1	SOU163-001	Total PAH	6.44E-02	mg/kg	Avg	1.07E-01	value
163	1	SOU163-001	Vanadium	3.15E+01	mg/kg	Avg	3.21E+01	value
163	1	SOU163-002	Arsenic	7.80E+00	mg/kg	Grid Value	1.00E+01	value
163	1	SOU163-002	Chromium	4.94E+01	mg/kg	Grid Value	5.89E+01	value
163	1	SOU163-002	Mercury	2.86E-02	mg/kg	Grid Value	7.53E+00	value
163	1	SOU163-002	Nickel	1.42E+01	mg/kg	Grid Value	7.54E+01	value
163	1	SOU163-002	Silver	3.10E-02	mg/kg	Grid Value	1.05E+01	value
163	1	SOU163-002	Total PAH	1.60E-02	mg/kg	Grid Value	1.07E-01	value
163	1	SOU163-002	Vanadium	2.70E+01	mg/kg	Grid Value	3.21E+01	value
163	1	SOU163-004	Arsenic	1.10E+01	mg/kg	Grid Value	1.00E+01	value
163	1	SOU163-004	Chromium	8.50E+01	mg/kg	Grid Value	5.89E+01	value
163	1	SOU163-004	Mercury	1.00E+01	mg/kg	Grid Value	7.53E+00	value
163	1	SOU163-004	Nickel	6.50E+01	mg/kg	Grid Value	7.54E+01	value
163	1	SOU163-004	Silver	1.00E+01	mg/kg	Grid Value	1.05E+01	value
163	1	SOU163-004	Total PAH	6.44E-02	mg/kg	Avg	1.07E-01	value
163	1	SOU163-004	Vanadium	3.15E+01	mg/kg	Avg	3.21E+01	value
163	1	SOU163-005	Arsenic	1.10E+01	mg/kg	Grid Value	1.00E+01	value
163	1	SOU163-005	Chromium	8.50E+01	mg/kg	Grid Value	5.89E+01	value
163	1	SOU163-005	Mercury	1.00E+01	mg/kg	Grid Value	7.53E+00	value
163	1	SOU163-005	Nickel	6.50E+01	mg/kg	Grid Value	7.54E+01	value
163	1	SOU163-005	Silver	1.00E+01	mg/kg	Grid Value	1.05E+01	value
163	1	SOU163-005	Total PAH	6.44E-02	mg/kg	Avg	1.07E-01	value
163	1	SOU163-005	Vanadium	3.15E+01	mg/kg	Avg	3.21E+01	value
163	1	SOU163-006	Arsenic	1.10E+01	mg/kg	Grid Value	1.00E+01	value
163	1	SOU163-006	Chromium	8.50E+01	mg/kg	Grid Value	5.89E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
163	1	SOU163-006	Mercury	1.00E+01	mg/kg	Grid Value	7.53E+00	value
163	1	SOU163-006	Nickel	6.50E+01	mg/kg	Grid Value	7.54E+01	value
163	1	SOU163-006	Silver	1.00E+01	mg/kg	Grid Value	1.05E+01	value
163	1	SOU163-006	Total PAH	6.44E-02	mg/kg	Avg	1.07E-01	value
163	1	SOU163-006	Vanadium	3.15E+01	mg/kg	Avg	3.21E+01	value
163	1	SOU163-008	Arsenic	8.90E+00	mg/kg	Grid Value	1.00E+01	value
163	1	SOU163-008	Chromium	1.59E+01	mg/kg	Grid Value	5.89E+01	value
163	1	SOU163-008	Mercury	1.48E-02	mg/kg	Grid Value	7.53E+00	value
163	1	SOU163-008	Nickel	7.81E+01	mg/kg	Grid Value	7.54E+01	value
163	1	SOU163-008	Silver	3.60E-02	mg/kg	Grid Value	1.05E+01	value
163	1	SOU163-008	Total PAH	7.80E-03	mg/kg	Grid Value	1.07E-01	value
163	1	SOU163-008	Vanadium	3.75E+01	mg/kg	Grid Value	3.21E+01	value
163	1	SOU163-009	Arsenic	1.10E+01	mg/kg	Grid Value	1.00E+01	value
163	1	SOU163-009	Chromium	8.50E+01	mg/kg	Grid Value	5.89E+01	value
163	1	SOU163-009	Mercury	1.00E+01	mg/kg	Grid Value	7.53E+00	value
163	1	SOU163-009	Nickel	6.50E+01	mg/kg	Grid Value	7.54E+01	value
163	1	SOU163-009	Silver	1.00E+01	mg/kg	Grid Value	1.05E+01	value
163	1	SOU163-009	Total PAH	6.44E-02	mg/kg	Avg	1.07E-01	value
163	1	SOU163-009	Vanadium	3.15E+01	mg/kg	Avg	3.21E+01	value
163	1	SOU163-010	Arsenic	1.10E+01	mg/kg	Grid Value	1.00E+01	value
163	1	SOU163-010	Chromium	8.50E+01	mg/kg	Grid Value	5.89E+01	value
163	1	SOU163-010	Mercury	7.53E+00	mg/kg	Grid Value	7.53E+00	value
163	1	SOU163-010	Nickel	7.11E+01	mg/kg	Grid Value	7.54E+01	value
163	1	SOU163-010	Silver	1.00E+01	mg/kg	Grid Value	1.05E+01	value
163	1	SOU163-010	Total PAH	6.44E-02	mg/kg	Avg	1.07E-01	value
163	1	SOU163-010	Vanadium	3.15E+01	mg/kg	Avg	3.21E+01	value
163	1	SOU163-011	Arsenic	7.56E+00	mg/kg	Grid Value	1.00E+01	value
163	1	SOU163-011	Chromium	8.50E+01	mg/kg	Grid Value	5.89E+01	value
163	1	SOU163-011	Mercury	1.00E+01	mg/kg	Grid Value	7.53E+00	value
163	1	SOU163-011	Nickel	6.46E+01	mg/kg	Grid Value	7.54E+01	value
163	1	SOU163-011	Silver	1.00E+01	mg/kg	Grid Value	1.05E+01	value
163	1	SOU163-011	Total PAH	6.44E-02	mg/kg	Avg	1.07E-01	value
163	1	SOU163-011	Vanadium	3.15E+01	mg/kg	Avg	3.21E+01	value
163	1	SOU163-012	Arsenic	1.10E+01	mg/kg	Grid Value	1.00E+01	value
163	1	SOU163-012	Chromium	4.12E+01	mg/kg	Grid Value	5.89E+01	value
163	1	SOU163-012	Mercury	1.00E+01	mg/kg	Grid Value	7.53E+00	value
163	1	SOU163-012	Nickel	6.50E+01	mg/kg	Grid Value	7.54E+01	value
163	1	SOU163-012	Silver	1.00E+01	mg/kg	Grid Value	1.05E+01	value
163	1	SOU163-012	Total PAH	6.44E-02	mg/kg	Avg	1.07E-01	value
163	1	SOU163-012	Vanadium	3.15E+01	mg/kg	Avg	3.21E+01	value
163	1	SOU163-013	Arsenic	6.21E+00	mg/kg	Grid Value	1.00E+01	value
163	1	SOU163-013	Chromium	5.07E+01	mg/kg	Grid Value	5.89E+01	value
163	1	SOU163-013	Mercury	1.00E+01	mg/kg	Grid Value	7.53E+00	value
163	1	SOU163-013	Nickel	5.80E+01	mg/kg	Grid Value	7.54E+01	value
163	1	SOU163-013	Silver	1.00E+01	mg/kg	Grid Value	1.05E+01	value
163	1	SOU163-013	Total PAH	6.44E-02	mg/kg	Avg	1.07E-01	value
163	1	SOU163-013	Vanadium	3.15E+01	mg/kg	Avg	3.21E+01	value
163	1	SOU163-014	Arsenic	1.10E+01	mg/kg	Grid Value	1.00E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
163	1	SOU163-014	Chromium	3.66E+01	mg/kg	Grid Value	5.89E+01	value
163	1	SOU163-014	Mercury	1.00E+01	mg/kg	Grid Value	7.53E+00	value
163	1	SOU163-014	Nickel	6.50E+01	mg/kg	Grid Value	7.54E+01	value
163	1	SOU163-014	Silver	1.00E+01	mg/kg	Grid Value	1.05E+01	value
163	1	SOU163-014	Total PAH	6.44E-02	mg/kg	Avg	1.07E-01	value
163	1	SOU163-014	Vanadium	3.15E+01	mg/kg	Avg	3.21E+01	value
163	1	SOU163-015	Arsenic	1.10E+01	mg/kg	Grid Value	1.00E+01	value
163	1	SOU163-015	Chromium	3.90E+01	mg/kg	Grid Value	5.89E+01	value
163	1	SOU163-015	Mercury	1.00E+01	mg/kg	Grid Value	7.53E+00	value
163	1	SOU163-015	Nickel	6.50E+01	mg/kg	Grid Value	7.54E+01	value
163	1	SOU163-015	Silver	1.00E+01	mg/kg	Grid Value	1.05E+01	value
163	1	SOU163-015	Total PAH	6.44E-02	mg/kg	Avg	1.07E-01	value
163	1	SOU163-015	Vanadium	3.15E+01	mg/kg	Avg	3.21E+01	value
163	1	SOU163-016	Arsenic	1.10E+01	mg/kg	Grid Value	1.00E+01	value
163	1	SOU163-016	Chromium	5.89E+01	mg/kg	Grid Value	5.89E+01	value
163	1	SOU163-016	Mercury	4.05E-02	mg/kg	Grid Value	7.53E+00	value
163	1	SOU163-016	Nickel	1.82E+01	mg/kg	Grid Value	7.54E+01	value
163	1	SOU163-016	Silver	2.50E-02	mg/kg	Grid Value	1.05E+01	value
163	1	SOU163-016	Total PAH	8.00E-03	mg/kg	Grid Value	1.07E-01	value
163	1	SOU163-016	Vanadium	3.45E+01	mg/kg	Grid Value	3.21E+01	value
163	1	SOU163-018	Arsenic	1.10E+01	mg/kg	Grid Value	1.00E+01	value
163	1	SOU163-018	Chromium	3.49E+01	mg/kg	Grid Value	5.89E+01	value
163	1	SOU163-018	Mercury	1.00E+01	mg/kg	Grid Value	7.53E+00	value
163	1	SOU163-018	Nickel	6.50E+01	mg/kg	Grid Value	7.54E+01	value
163	1	SOU163-018	Silver	1.00E+01	mg/kg	Grid Value	1.05E+01	value
163	1	SOU163-018	Total PAH	6.44E-02	mg/kg	Avg	1.07E-01	value
163	1	SOU163-018	Vanadium	3.15E+01	mg/kg	Avg	3.21E+01	value
163	1	SOU163-019	Arsenic	1.10E+01	mg/kg	Grid Value	1.00E+01	value
163	1	SOU163-019	Chromium	4.69E+01	mg/kg	Grid Value	5.89E+01	value
163	1	SOU163-019	Mercury	1.00E+01	mg/kg	Grid Value	7.53E+00	value
163	1	SOU163-019	Nickel	6.47E+01	mg/kg	Grid Value	7.54E+01	value
163	1	SOU163-019	Silver	1.00E+01	mg/kg	Grid Value	1.05E+01	value
163	1	SOU163-019	Total PAH	6.44E-02	mg/kg	Avg	1.07E-01	value
163	1	SOU163-019	Vanadium	3.15E+01	mg/kg	Avg	3.21E+01	value
163	1	SOU163-020	Arsenic	7.01E+00	mg/kg	Grid Value	1.00E+01	value
163	1	SOU163-020	Chromium	5.70E+01	mg/kg	Grid Value	5.89E+01	value
163	1	SOU163-020	Mercury	1.00E+01	mg/kg	Grid Value	7.53E+00	value
163	1	SOU163-020	Nickel	7.28E+01	mg/kg	Grid Value	7.54E+01	value
163	1	SOU163-020	Silver	1.00E+01	mg/kg	Grid Value	1.05E+01	value
163	1	SOU163-020	Total PAH	5.20E-03	mg/kg	Grid Value	1.07E-01	value
163	1	SOU163-020	Vanadium	3.15E+01	mg/kg	Avg	3.21E+01	value
163	1	SOU163-021	Arsenic	1.10E+01	mg/kg	Grid Value	1.00E+01	value
163	1	SOU163-021	Chromium	8.50E+01	mg/kg	Grid Value	5.89E+01	value
163	1	SOU163-021	Mercury	1.00E+01	mg/kg	Grid Value	7.53E+00	value
163	1	SOU163-021	Nickel	6.50E+01	mg/kg	Grid Value	7.54E+01	value
163	1	SOU163-021	Silver	1.00E+01	mg/kg	Grid Value	1.05E+01	value
163	1	SOU163-021	Total PAH	6.44E-02	mg/kg	Avg	1.07E-01	value
163	1	SOU163-021	Vanadium	3.15E+01	mg/kg	Avg	3.21E+01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
163	1	SOU163-022	Arsenic	7.78E+00	mg/kg	Grid Value	1.00E+01	value
163	1	SOU163-022	Chromium	8.50E+01	mg/kg	Grid Value	5.89E+01	value
163	1	SOU163-022	Mercury	1.00E+01	mg/kg	Grid Value	7.53E+00	value
163	1	SOU163-022	Nickel	6.50E+01	mg/kg	Grid Value	7.54E+01	value
163	1	SOU163-022	Silver	1.00E+01	mg/kg	Grid Value	1.05E+01	value
163	1	SOU163-022	Total PAH	6.44E-02	mg/kg	Avg	1.07E-01	value
163	1	SOU163-022	Vanadium	3.15E+01	mg/kg	Avg	3.21E+01	value
163	1	SOU163-023	Arsenic	1.10E+01	mg/kg	Grid Value	1.00E+01	value
163	1	SOU163-023	Chromium	8.50E+01	mg/kg	Grid Value	5.89E+01	value
163	1	SOU163-023	Mercury	1.00E+01	mg/kg	Grid Value	7.53E+00	value
163	1	SOU163-023	Nickel	6.50E+01	mg/kg	Grid Value	7.54E+01	value
163	1	SOU163-023	Silver	1.00E+01	mg/kg	Grid Value	1.05E+01	value
163	1	SOU163-023	Total PAH	6.44E-02	mg/kg	Avg	1.07E-01	value
163	1	SOU163-023	Vanadium	3.15E+01	mg/kg	Avg	3.21E+01	value
163	1	SOU163-024	Arsenic	7.66E+00	mg/kg	Grid Value	1.00E+01	value
163	1	SOU163-024	Chromium	4.35E+01	mg/kg	Grid Value	5.89E+01	value
163	1	SOU163-024	Mercury	1.00E+01	mg/kg	Grid Value	7.53E+00	value
163	1	SOU163-024	Nickel	6.50E+01	mg/kg	Grid Value	7.54E+01	value
163	1	SOU163-024	Silver	1.00E+01	mg/kg	Grid Value	1.05E+01	value
163	1	SOU163-024	Total PAH	6.44E-02	mg/kg	Avg	1.07E-01	value
163	1	SOU163-024	Vanadium	3.15E+01	mg/kg	Avg	3.21E+01	value
163	1	SOU163-025	Arsenic	6.57E+00	mg/kg	Grid Value	1.00E+01	value
163	1	SOU163-025	Chromium	4.27E+01	mg/kg	Grid Value	5.89E+01	value
163	1	SOU163-025	Mercury	1.00E+01	mg/kg	Grid Value	7.53E+00	value
163	1	SOU163-025	Nickel	6.50E+01	mg/kg	Grid Value	7.54E+01	value
163	1	SOU163-025	Silver	1.00E+01	mg/kg	Grid Value	1.05E+01	value
163	1	SOU163-025	Total PAH	6.44E-02	mg/kg	Avg	1.07E-01	value
163	1	SOU163-025	Vanadium	3.15E+01	mg/kg	Avg	3.21E+01	value
163	1	SOU163-026	Arsenic	7.17E+00	mg/kg	Grid Value	1.00E+01	value
163	1	SOU163-026	Chromium	2.77E+01	mg/kg	Grid Value	5.89E+01	value
163	1	SOU163-026	Mercury	2.00E-01	mg/kg	Grid Value	7.53E+00	value
163	1	SOU163-026	Nickel	5.50E+00	mg/kg	Grid Value	7.54E+01	value
163	1	SOU163-026	Silver	4.00E+00	mg/kg	Grid Value	1.05E+01	value
163	1	SOU163-026	Total PAH	2.85E-01	mg/kg	Grid Value	1.07E-01	value
163	1	SOU163-026	Vanadium	2.70E+01	mg/kg	Grid Value	3.21E+01	value
163	1	SOU163-027	Arsenic	5.78E+00	mg/kg	Grid Value	1.00E+01	value
163	1	SOU163-027	Chromium	4.14E+01	mg/kg	Grid Value	5.89E+01	value
163	1	SOU163-027	Mercury	1.00E+01	mg/kg	Grid Value	7.53E+00	value
163	1	SOU163-027	Nickel	7.41E+01	mg/kg	Grid Value	7.54E+01	value
163	1	SOU163-027	Silver	1.05E+01	mg/kg	Grid Value	1.05E+01	value
163	1	SOU163-027	Total PAH	6.44E-02	mg/kg	Avg	1.07E-01	value
163	1	SOU163-027	Vanadium	3.15E+01	mg/kg	Avg	3.21E+01	value
163	1	SOU163-028	Arsenic	1.10E+01	mg/kg	Grid Value	1.00E+01	value
163	1	SOU163-028	Chromium	5.06E+01	mg/kg	Grid Value	5.89E+01	value
163	1	SOU163-028	Mercury	1.00E+01	mg/kg	Grid Value	7.53E+00	value
163	1	SOU163-028	Nickel	6.50E+01	mg/kg	Grid Value	7.54E+01	value
163	1	SOU163-028	Silver	1.00E+01	mg/kg	Grid Value	1.05E+01	value
163	1	SOU163-028	Total PAH	6.44E-02	mg/kg	Avg	1.07E-01	value

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
163	1	SOU163-028	Vanadium	3.15E+01	mg/kg	Avg	3.21E+01	value
163	1	SOU163-029	Arsenic	7.07E+00	mg/kg	Grid Value	1.00E+01	value
163	1	SOU163-029	Chromium	3.63E+01	mg/kg	Grid Value	5.89E+01	value
163	1	SOU163-029	Mercury	1.00E+01	mg/kg	Grid Value	7.53E+00	value
163	1	SOU163-029	Nickel	6.50E+01	mg/kg	Grid Value	7.54E+01	value
163	1	SOU163-029	Silver	1.00E+01	mg/kg	Grid Value	1.05E+01	value
163	1	SOU163-029	Total PAH	6.44E-02	mg/kg	Avg	1.07E-01	value
163	1	SOU163-029	Vanadium	3.15E+01	mg/kg	Avg	3.21E+01	value
219	1	SOU219-001	Nickel	6.71E+01	mg/kg	Grid Value	6.71E+01	maximum value
219	1	SOU219-001	Total PAH	7.50E-02	mg/kg	Grid Value	7.50E-02	maximum value
219	1	SOU219-001	Neptunium-237	3.31E-01	pCi/g	Grid Value	3.31E-01	maximum value
219	1	SOU219-001	Uranium-235	1.92E-01	pCi/g	Grid Value	1.92E-01	maximum value
219	1	SOU219-001	Uranium-238	4.40E+00	pCi/g	Grid Value	4.40E+00	maximum value
488	1	SOU488-001	Arsenic	8.89E+00	mg/kg	Grid Value	8.89E+00	maximum value
488	1	SOU488-001	Chromium	5.31E+01	mg/kg	Grid Value	5.31E+01	maximum value
488	1	SOU488-001	PCB, Total	1.03E+01	mg/kg	Grid Value	1.03E+01	maximum value
488	1	SOU488-001	Total PAH	2.50E-01	mg/kg	Grid Value	2.50E-01	maximum value
488	1	SOU488-001	Uranium	1.48E+01	mg/kg	Grid Value	1.48E+01	maximum value
488	1	SOU488-001	Cesium-137	5.20E-01	pCi/g	Grid Value	5.20E-01	maximum value
488	1	SOU488-001	Uranium-235	1.49E-01	pCi/g	Grid Value	1.49E-01	maximum value
488	1	SOU488-001	Uranium-238	4.54E+00	pCi/g	Grid Value	4.54E+00	maximum value