Table D.7. Subsurface Grid Values

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
13	1	SOU013-043	Manganese	901	mg/kg	Grid Value	605.7	UCL95
13	1	SOU013-015	Manganese	423	mg/kg	Grid Value	605.7	UCL95
13	1	SOU013-066	Manganese	406	mg/kg	Grid Value	605.7	UCL95
13	1	SOU013-065	Manganese	288	mg/kg	Grid Value	605.7	UCL95
13	1	SOU013-063	Manganese	304	mg/kg	Grid Value	605.7	UCL95
13	1	SOU013-067	Manganese	323	mg/kg	Grid Value	605.7	UCL95
13	1	SOU013-042	Manganese	200	mg/kg	Grid Value	605.7	UCL95
13	1	SOU013-041	Manganese	779	mg/kg	Grid Value	605.7	UCL95
13	1	SOU013-040	Manganese	1000	mg/kg	Grid Value	605.7	UCL95
13	1	SOU013-039	Manganese	524	mg/kg	Grid Value	605.7	UCL95
13	1	SOU013-019	Manganese	302	mg/kg	Grid Value	605.7	UCL95
13	1	SOU013-018	Manganese	344	mg/kg	Grid Value	605.7	UCL95
13	1	SOU013-017	Manganese	511	mg/kg	Grid Value	605.7	UCL95
13	1	SOU013-016	Manganese	533	mg/kg	Grid Value	605.7	UCL95
13	1	SOU013-064	Manganese	627	mg/kg	Grid Value	605.7	UCL95
13	1	SOU013-041	PCB, Total	5	mg/kg	Grid Value	9.419	UCL95
13	1	SOU013-065	PCB, Total	0.13	mg/kg	Grid Value	9.419	UCL95
13	1	SOU013-064	PCB, Total	5	mg/kg	Grid Value	9.419	UCL95
13	1	SOU013-063	PCB, Total	0.35	mg/kg	Grid Value	9.419	UCL95
13	1	SOU013-043	PCB, Total	0.38	mg/kg	Grid Value	9.419	UCL95
13	1	SOU013-042	PCB, Total	5	mg/kg	Grid Value	9.419	UCL95
13	1	SOU013-040	PCB, Total	0.05	mg/kg	Grid Value	9.419	UCL95
13	1	SOU013-039	PCB, Total	5	mg/kg	Grid Value	9.419	UCL95
13	1	SOU013-019	PCB, Total	5	mg/kg	Grid Value	9.419	UCL95
13	1	SOU013-018	PCB, Total	5	mg/kg	Grid Value	9.419	UCL95
13	1	SOU013-017	PCB, Total	0.1	mg/kg	Grid Value	9.419	UCL95
13	1	SOU013-066	PCB, Total	5	mg/kg	Grid Value	9.419	UCL95
13	1	SOU013-015	PCB, Total	5	mg/kg	Grid Value	9.419	UCL95
13	1	SOU013-067	PCB, Total	5	mg/kg	Grid Value	9.419	UCL95
13	1	SOU013-016	PCB, Total	5	mg/kg	Grid Value	9.419	UCL95
13	1	SOU013-015	Uranium-238	1.0662	pCi/g	Avg	1.203	UCL95
13	1	SOU013-066	Uranium-238	1.0662	pCi/g	Avg	1.203	UCL95
13	1	SOU013-065	Uranium-238	1.58	pCi/g	Grid Value	1.203	UCL95
13	1	SOU013-064	Uranium-238	1.0662	pCi/g	Avg	1.203	UCL95
13	1	SOU013-063	Uranium-238	1.64	pCi/g	Grid Value	1.203	UCL95
13	1	SOU013-043	Uranium-238	0.549	pCi/g	Grid Value	1.203	UCL95
13	1	SOU013-042	Uranium-238	1.0662	pCi/g	Avg	1.203	UCL95
13	1	SOU013-041	Uranium-238	1.0662	pCi/g	Avg	1.203	UCL95
13	1	SOU013-040	Uranium-238	1.13	pCi/g	Grid Value	1.203	UCL95
13	1	SOU013-039	Uranium-238	1.0662	pCi/g	Avg	1.203	UCL95
13	1	SOU013-019	Uranium-238	1.0662	pCi/g	Avg	1.203	UCL95
13	1	SOU013-018	Uranium-238	1.0662	pCi/g	Avg	1.203	UCL95
13	1	SOU013-017	Uranium-238	0.432	pCi/g	Grid Value	1.203	UCL95
13	1	SOU013-016	Uranium-238	1.0662	pCi/g	Avg	1.203	UCL95
13	1	SOU013-067	Uranium-238	1.0662	pCi/g	Avg	1.203	UCL95
13	1	SOU013-042	Vanadium	80	mg/kg	Grid Value	92.31	UCL95
13	1	SOU013-016	Vanadium	73	mg/kg	Grid Value	92.31	UCL95
13	1	SOU013-017	Vanadium	93	mg/kg	Grid Value	92.31	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
13	1	SOU013-018	Vanadium	99	mg/kg	Grid Value	92.31	UCL95
13	1	SOU013-019	Vanadium	83	mg/kg	Grid Value	92.31	UCL95
13	1	SOU013-039	Vanadium	97	mg/kg	Grid Value	92.31	UCL95
13	1	SOU013-067	Vanadium	78	mg/kg	Grid Value	92.31	UCL95
13	1	SOU013-041	Vanadium	81	mg/kg	Grid Value	92.31	UCL95
13	1	SOU013-043	Vanadium	86	mg/kg	Grid Value	92.31	UCL95
13	1	SOU013-063	Vanadium	72	mg/kg	Grid Value	92.31	UCL95
13	1	SOU013-064	Vanadium	99	mg/kg	Grid Value	92.31	UCL95
13	1	SOU013-065	Vanadium	80	mg/kg	Grid Value	92.31	UCL95
13	1	SOU013-015	Vanadium	103	mg/kg	Grid Value	92.31	UCL95
13	1	SOU013-066	Vanadium	85	mg/kg	Grid Value	92.31	UCL95
13	1	SOU013-040	Vanadium	103	mg/kg	Grid Value	92.31	UCL95
13	10	SOU013-097	Iron	25641	mg/kg	Grid Value	37986	Maximum
13	10	SOU013-146	Iron	25624	mg/kg	Grid Value	37986	Maximum
13	10	SOU013-145	Iron	24736	mg/kg	Grid Value	37986	Maximum
13	10	SOU013-144	Iron	37986	mg/kg	Grid Value	37986	Maximum
13	10	SOU013-122	Iron	21744	mg/kg	Grid Value	37986	Maximum
13	10	SOU013-121	Iron	20577	mg/kg	Grid Value	37986	Maximum
13	10	SOU013-098	Iron	19827	mg/kg	Grid Value	37986	Maximum
13	10	SOU013-096	Iron	18361	mg/kg	Grid Value	37986	Maximum
13	10	SOU013-120	Iron	25115	mg/kg	Grid Value	37986	Maximum
13	10	SOU013-120	Manganese	711	mg/kg	Grid Value	3088	Maximum
13	10	SOU013-146	Manganese	641	mg/kg	Grid Value	3088	Maximum
13	10	SOU013-144	Manganese	3088	mg/kg	Grid Value	3088	Maximum
13	10	SOU013-145	Manganese	704	mg/kg	Grid Value	3088	Maximum
13	10	SOU013-121	Manganese	360	mg/kg	Grid Value	3088	Maximum
13	10	SOU013-097	Manganese	503	mg/kg	Grid Value	3088	Maximum
13	10	SOU013-096	Manganese	368	mg/kg	Grid Value	3088	Maximum
13	10	SOU013-122	Manganese	465	mg/kg	Grid Value	3088	Maximum
13	10	SOU013-098	Manganese	755	mg/kg	Grid Value	3088	Maximum
13	10	SOU013-120	Silver	54	mg/kg	Grid Value	54	Maximum
13	10	SOU013-146	Silver	50	mg/kg	Grid Value	54	Maximum
13	10	SOU013-145	Silver	50	mg/kg	Grid Value	54	Maximum
13	10	SOU013-144	Silver	50	mg/kg	Grid Value	54	Maximum
13	10	SOU013-121	Silver	50	mg/kg	Grid Value	54	Maximum
13	10	SOU013-098	Silver	2.14	mg/kg	Grid Value	54	Maximum
13	10	SOU013-097	Silver	50	mg/kg	Grid Value	54	Maximum
13	10	SOU013-096	Silver	50	mg/kg	Grid Value	54	Maximum
13	10	SOU013-122	Silver	2.17	mg/kg	Grid Value	54	Maximum
13	10	SOU013-096	Vanadium	92	mg/kg	Grid Value	130	Maximum
13	10	SOU013-122	Vanadium	130	mg/kg	Grid Value	130	Maximum
13	10	SOU013-145	Vanadium	105	mg/kg	Grid Value	130	Maximum
13	10	SOU013-144	Vanadium	108	mg/kg	Grid Value	130	Maximum
13	10	SOU013-146	Vanadium	122	mg/kg	Grid Value	130	Maximum
13	10	SOU013-121	Vanadium	82	mg/kg	Grid Value	130	Maximum
13	10	SOU013-120	Vanadium	105	mg/kg	Grid Value	130	Maximum
13	10	SOU013-097	Vanadium	111	mg/kg	Grid Value	130	Maximum
13	10	SOU013-098	Vanadium	106	mg/kg	Grid Value	130	Maximum

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
13	11	SOU013-100	Manganese	386	mg/kg	Grid Value	757.5	UCL95
13	11	SOU013-075	Manganese	447	mg/kg	Grid Value	757.5	UCL95
13	11	SOU013-149	Manganese	622	mg/kg	Grid Value	757.5	UCL95
13	11	SOU013-148	Manganese	483	mg/kg	Grid Value	757.5	UCL95
13	11	SOU013-147	Manganese	771	mg/kg	Grid Value	757.5	UCL95
13	11	SOU013-125	Manganese	601	mg/kg	Grid Value	757.5	UCL95
13	11	SOU013-124	Manganese	363	mg/kg	Grid Value	757.5	UCL95
13	11	SOU013-101	Manganese	328	mg/kg	Grid Value	757.5	UCL95
13	11	SOU013-099	Manganese	823	mg/kg	Grid Value	757.5	UCL95
13	11	SOU013-076	Manganese	1200	mg/kg	Grid Value	757.5	UCL95
13	11	SOU013-123	Manganese	750	mg/kg	Grid Value	757.5	UCL95
13	11	SOU013-124	PCB, Total	5	mg/kg	Grid Value	10.34	UCL95
13	11	SOU013-148	PCB, Total	5	mg/kg	Grid Value	10.34	UCL95
13	11	SOU013-149	PCB, Total	5	mg/kg	Grid Value	10.34	UCL95
13	11	SOU013-125	PCB, Total	0.7	mg/kg	Grid Value	10.34	UCL95
13	11	SOU013-075	PCB, Total	5	mg/kg	Grid Value	10.34	UCL95
13	11	SOU013-123	PCB, Total	0.1	mg/kg	Grid Value	10.34	UCL95
13	11	SOU013-101	PCB, Total	5	mg/kg	Grid Value	10.34	UCL95
13	11	SOU013-100	PCB, Total	5	mg/kg	Grid Value	10.34	UCL95
13	11	SOU013-099	PCB, Total	5	mg/kg	Grid Value	10.34	UCL95
13	11	SOU013-076	PCB, Total	0.05	mg/kg	Grid Value	10.34	UCL95
13	11	SOU013-147	PCB, Total	5	mg/kg	Grid Value	10.34	UCL95
13	11	SOU013-101	Silver	50	mg/kg	Grid Value	102.8	UCL95
13	11	SOU013-149	Silver	50	mg/kg	Grid Value	102.8	UCL95
13	11	SOU013-075	Silver	50	mg/kg	Grid Value	102.8	UCL95
13	11	SOU013-076	Silver	0.036	mg/kg	Grid Value	102.8	UCL95
13	11	SOU013-099	Silver	50	mg/kg	Grid Value	102.8	UCL95
13	11	SOU013-100	Silver	42	mg/kg	Grid Value	102.8	UCL95
13	11	SOU013-124	Silver	50	mg/kg	Grid Value	102.8	UCL95
13	11	SOU013-125	Silver	2.5	mg/kg	Grid Value	102.8	UCL95
13	11	SOU013-147	Silver	50	mg/kg	Grid Value	102.8	UCL95
13	11	SOU013-148	Silver	50	mg/kg	Grid Value	102.8	UCL95
13	11	SOU013-123	Silver	2.5	mg/kg	Grid Value	102.8	UCL95
13	11	SOU013-100	Vanadium	85	mg/kg	Grid Value	113.5	UCL95
13	11	SOU013-149	Vanadium	138	mg/kg	Grid Value	113.5	UCL95
13	11	SOU013-148	Vanadium	99	mg/kg	Grid Value	113.5	UCL95
13	11	SOU013-147	Vanadium	101	mg/kg	Grid Value	113.5	UCL95
13	11	SOU013-125	Vanadium	108	mg/kg	Grid Value	113.5	UCL95
13	11	SOU013-124	Vanadium	116	mg/kg	Grid Value	113.5	UCL95
13	11	SOU013-075	Vanadium	91	mg/kg	Grid Value	113.5	UCL95
13	11	SOU013-101	Vanadium	100	mg/kg	Grid Value	113.5	UCL95
13	11	SOU013-099	Vanadium	101	mg/kg	Grid Value	113.5	UCL95
13	11	SOU013-076	Vanadium	86	mg/kg	Grid Value	113.5	UCL95
13	11	SOU013-123	Vanadium	125	mg/kg	Grid Value	113.5	UCL95
13	12	SOU013-127	Iron	17412	mg/kg	Grid Value	23008	UCL95
13	12	SOU013-152	Iron	21534	mg/kg	Grid Value	23008	UCL95
13	12	SOU013-151	Iron	18570	mg/kg	Grid Value	23008	UCL95
13	12	SOU013-078	Iron	18769	mg/kg	Grid Value	23008	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
13	12	SOU013-128	Iron	17895	mg/kg	Grid Value	23008	UCL95
13	12	SOU013-126	Iron	30409	mg/kg	Grid Value	23008	UCL95
13	12	SOU013-104	Iron	14165	mg/kg	Grid Value	23008	UCL95
13	12	SOU013-103	Iron	18621	mg/kg	Grid Value	23008	UCL95
13	12	SOU013-102	Iron	23155	mg/kg	Grid Value	23008	UCL95
13	12	SOU013-079	Iron	21116	mg/kg	Grid Value	23008	UCL95
13	12	SOU013-150	Iron	24998	mg/kg	Grid Value	23008	UCL95
13	12	SOU013-152	Manganese	1200	mg/kg	Grid Value	1353	UCL95
13	12	SOU013-102	Manganese	641	mg/kg	Grid Value	1353	UCL95
13	12	SOU013-079	Manganese	401	mg/kg	Grid Value	1353	UCL95
13	12	SOU013-103	Manganese	647	mg/kg	Grid Value	1353	UCL95
13	12	SOU013-104	Manganese	231	mg/kg	Grid Value	1353	UCL95
13	12	SOU013-126	Manganese	3114	mg/kg	Grid Value	1353	UCL95
13	12	SOU013-127	Manganese	284	mg/kg	Grid Value	1353	UCL95
13	12	SOU013-128	Manganese	241	mg/kg	Grid Value	1353	UCL95
13	12	SOU013-150	Manganese	609	mg/kg	Grid Value	1353	UCL95
13	12	SOU013-151	Manganese	483	mg/kg	Grid Value	1353	UCL95
13	12	SOU013-078	Manganese	541	mg/kg	Grid Value	1353	UCL95
13	12	SOU013-152	PCB, Total	0.05	mg/kg	Grid Value	10.3	UCL95
13	12	SOU013-078	PCB, Total	0.12	mg/kg	Grid Value	10.3	UCL95
13	12	SOU013-079	PCB, Total	5	mg/kg	Grid Value	10.3	UCL95
13	12	SOU013-102	PCB, Total	5	mg/kg	Grid Value	10.3	UCL95
13	12	SOU013-103	PCB, Total	5	mg/kg	Grid Value	10.3	UCL95
13	12	SOU013-104	PCB, Total	5	mg/kg	Grid Value	10.3	UCL95
13	12	SOU013-126	PCB, Total	0.1	mg/kg	Grid Value	10.3	UCL95
13	12	SOU013-127	PCB, Total	0.1	mg/kg	Grid Value	10.3	UCL95
13	12	SOU013-128	PCB, Total	5	mg/kg	Grid Value	10.3	UCL95
13	12	SOU013-151	PCB, Total	0.99	mg/kg	Grid Value	10.3	UCL95
13	12	SOU013-150	PCB, Total	5	mg/kg	Grid Value	10.3	UCL95
13	12	SOU013-152	Silver	124	mg/kg	Grid Value	148.9	UCL95
13	12	SOU013-078	Silver	2.2	mg/kg	Grid Value	148.9	UCL95
13	12	SOU013-079	Silver	50	mg/kg	Grid Value	148.9	UCL95
13	12	SOU013-102	Silver	50	mg/kg	Grid Value	148.9	UCL95
13	12	SOU013-103	Silver	50	mg/kg	Grid Value	148.9	UCL95
13	12	SOU013-104	Silver	50	mg/kg	Grid Value	148.9	UCL95
13	12	SOU013-126	Silver	2.01	mg/kg	Grid Value	148.9	UCL95
13	12	SOU013-127	Silver	2.5	mg/kg	Grid Value	148.9	UCL95
13	12	SOU013-128	Silver	50	mg/kg	Grid Value	148.9	UCL95
13	12	SOU013-151	Silver	2.46	mg/kg	Grid Value	148.9	UCL95
13	12	SOU013-150	Silver	50	mg/kg	Grid Value	148.9	UCL95
13	12	SOU013-127	Vanadium	85	mg/kg	Grid Value	116.2	UCL95
13	12	SOU013-152	Vanadium	117	mg/kg	Grid Value	116.2	UCL95
13	12	SOU013-151	Vanadium	120	mg/kg	Grid Value	116.2	UCL95
13	12	SOU013-128	Vanadium	151	mg/kg	Grid Value	116.2	UCL95
13	12	SOU013-079	Vanadium	109	mg/kg	Grid Value	116.2	UCL95
13	12	SOU013-126	Vanadium	106	mg/kg	Grid Value	116.2	UCL95
13	12	SOU013-104	Vanadium	71	mg/kg	Grid Value	116.2	UCL95
13	12	SOU013-103	Vanadium	104	mg/kg	Grid Value	116.2	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
13	12	SOU013-102	Vanadium	84	mg/kg	Grid Value	116.2	UCL95
13	12	SOU013-078	Vanadium	71	mg/kg	Grid Value	116.2	UCL95
13	12	SOU013-150	Vanadium	116	mg/kg	Grid Value	116.2	UCL95
13	13	SOU013-082	Iron	19958	mg/kg	Grid Value	28936	UCL95
13	13	SOU013-129	Iron	18647	mg/kg	Grid Value	28936	UCL95
13	13	SOU013-154	Iron	17469	mg/kg	Grid Value	28936	UCL95
13	13	SOU013-153	Iron	33608	mg/kg	Grid Value	28936	UCL95
13	13	SOU013-155	Iron	17875	mg/kg	Grid Value	28936	UCL95
13	13	SOU013-130	Iron	33717	mg/kg	Grid Value	28936	UCL95
13	13	SOU013-106	Iron	16713	mg/kg	Grid Value	28936	UCL95
13	13	SOU013-105	Iron	47830	mg/kg	Grid Value	28936	UCL95
13	13	SOU013-131	Iron	16252	mg/kg	Grid Value	28936	UCL95
13	13	SOU013-081	Iron	14554	mg/kg	Grid Value	28936	UCL95
13	13	SOU013-107	Iron	18471	mg/kg	Grid Value	28936	UCL95
13	13	SOU013-155	Manganese	275	mg/kg	Grid Value	1127	UCL95
13	13	SOU013-082	Manganese	437	mg/kg	Grid Value	1127	UCL95
13	13	SOU013-081	Manganese	324	mg/kg	Grid Value	1127	UCL95
13	13	SOU013-154	Manganese	263	mg/kg	Grid Value	1127	UCL95
13	13	SOU013-153	Manganese	348	mg/kg	Grid Value	1127	UCL95
13	13	SOU013-131	Manganese	197	mg/kg	Grid Value	1127	UCL95
13	13	SOU013-129	Manganese	395	mg/kg	Grid Value	1127	UCL95
13	13	SOU013-107	Manganese	444	mg/kg	Grid Value	1127	UCL95
13	13	SOU013-106	Manganese	380	mg/kg	Grid Value	1127	UCL95
13	13	SOU013-105	Manganese	119	mg/kg	Grid Value	1127	UCL95
13	13	SOU013-130	Manganese	1951	mg/kg	Grid Value	1127	UCL95
13	13	SOU013-106	Molybdenum	0.31	mg/kg	Grid Value	27.2	UCL95
13	13	SOU013-155	Molybdenum	30	mg/kg	Grid Value	27.2	UCL95
13	13	SOU013-154	Molybdenum	3	mg/kg	Grid Value	27.2	UCL95
13	13	SOU013-153	Molybdenum	43	mg/kg	Grid Value	27.2	UCL95
13	13	SOU013-131	Molybdenum	3	mg/kg	Grid Value	27.2	UCL95
13	13	SOU013-130	Molybdenum	3	mg/kg	Grid Value	27.2	UCL95
13	13	SOU013-081	Molybdenum	3	mg/kg	Grid Value	27.2	UCL95
13	13	SOU013-107	Molybdenum	2.39	mg/kg	Grid Value	27.2	UCL95
13	13	SOU013-105	Molybdenum	2.21	mg/kg	Grid Value	27.2	UCL95
13	13	SOU013-082	Molybdenum	3	mg/kg	Grid Value	27.2	UCL95
13	13	SOU013-129	Molybdenum	3	mg/kg	Grid Value	27.2	UCL95
13	13	SOU013-131	Vanadium	108	mg/kg	Grid Value	118.5	UCL95
13	13	SOU013-155	Vanadium	112	mg/kg	Grid Value	118.5	UCL95
13	13	SOU013-153	Vanadium	145	mg/kg	Grid Value	118.5	UCL95
13	13	SOU013-129	Vanadium	139	mg/kg	Grid Value	118.5	UCL95
13	13	SOU013-130	Vanadium	117	mg/kg	Grid Value	118.5	UCL95
13	13	SOU013-106	Vanadium	79	mg/kg	Grid Value	118.5	UCL95
13	13	SOU013-105	Vanadium	115	mg/kg	Grid Value	118.5	UCL95
13	13	SOU013-082	Vanadium	99	mg/kg	Grid Value	118.5	UCL95
13	13	SOU013-081	Vanadium	70	mg/kg	Grid Value	118.5	UCL95
13	13	SOU013-107	Vanadium	84	mg/kg	Grid Value	118.5	UCL95
13	13	SOU013-154	Vanadium	94	mg/kg	Grid Value	118.5	UCL95
13	14	SOU013-109	Manganese	495	mg/kg	Grid Value	555.7	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
13	14	SOU013-156	Manganese	337	mg/kg	Grid Value	555.7	UCL95
13	14	SOU013-134	Manganese	600	mg/kg	Grid Value	555.7	UCL95
13	14	SOU013-133	Manganese	276	mg/kg	Grid Value	555.7	UCL95
13	14	SOU013-110	Manganese	542	mg/kg	Grid Value	555.7	UCL95
13	14	SOU013-108	Manganese	196	mg/kg	Grid Value	555.7	UCL95
13	14	SOU013-085	Manganese	411	mg/kg	Grid Value	555.7	UCL95
13	14	SOU013-084	Manganese	518	mg/kg	Grid Value	555.7	UCL95
13	14	SOU013-158	Manganese	513	mg/kg	Grid Value	555.7	UCL95
13	14	SOU013-157	Manganese	325	mg/kg	Grid Value	555.7	UCL95
13	14	SOU013-132	Manganese	835	mg/kg	Grid Value	555.7	UCL95
13	14	SOU013-133	PAH, Total	0.375675	mg/kg	Avg	0.541	UCL95
13	14	SOU013-132	PAH, Total	0.5	mg/kg	Grid Value	0.541	UCL95
13	14	SOU013-158	PAH, Total	0.375675	mg/kg	Avg	0.541	UCL95
13	14	SOU013-157	PAH, Total	0.375675	mg/kg	Avg	0.541	UCL95
13	14	SOU013-134	PAH, Total	0.5	mg/kg	Grid Value	0.541	UCL95
13	14	SOU013-110	PAH, Total	0.375675	mg/kg	Avg	0.541	UCL95
13	14	SOU013-084	PAH, Total	0.375675	mg/kg	Avg	0.541	UCL95
13	14	SOU013-085	PAH, Total	0.375675	mg/kg	Avg	0.541	UCL95
13	14	SOU013-109	PAH, Total	0.47	mg/kg	Grid Value	0.541	UCL95
13	14	SOU013-108	PAH, Total	0.375675	mg/kg	Avg	0.541	UCL95
13	14	SOU013-156	PAH, Total	0.0327	mg/kg	Grid Value	0.541	UCL95
13	14	SOU013-133	PCB, Total	5	mg/kg	Grid Value	10.58	UCL95
13	14	SOU013-157	PCB, Total	5	mg/kg	Grid Value	10.58	UCL95
13	14	SOU013-134	PCB, Total	0.13	mg/kg	Grid Value	10.58	UCL95
13	14	SOU013-132	PCB, Total	0.13	mg/kg	Grid Value	10.58	UCL95
13	14	SOU013-110	PCB, Total	5	mg/kg	Grid Value	10.58	UCL95
13	14	SOU013-158	PCB, Total	5	mg/kg	Grid Value	10.58	UCL95
13	14	SOU013-108	PCB, Total	5	mg/kg	Grid Value	10.58	UCL95
13	14	SOU013-085	PCB, Total	5	mg/kg	Grid Value	10.58	UCL95
13	14	SOU013-084	PCB, Total	5	mg/kg	Grid Value	10.58	UCL95
13	14	SOU013-109	PCB, Total	0.1	mg/kg	Grid Value	10.58	UCL95
13	14	SOU013-156	PCB, Total	0.22	mg/kg	Grid Value	10.58	UCL95
13	14	SOU013-085	Uranium-238	2.079	pCi/g	Avg	3.845	UCL95
13	14	SOU013-108	Uranium-238	2.079	pCi/g	Avg	3.845	UCL95
13	14	SOU013-109	Uranium-238	0.422	pCi/g	Grid Value	3.845	UCL95
13	14	SOU013-110	Uranium-238	2.079	pCi/g	Avg	3.845	UCL95
13	14	SOU013-132	Uranium-238	5.55	pCi/g	Grid Value	3.845	UCL95
13	14	SOU013-133	Uranium-238	2.079	pCi/g	Avg	3.845	UCL95
13	14	SOU013-156	Uranium-238	2.07	pCi/g	Grid Value	3.845	UCL95
13	14	SOU013-158	Uranium-238	2.079	pCi/g	Avg	3.845	UCL95
13	14	SOU013-084	Uranium-238	2.079	pCi/g	Avg	3.845	UCL95
13	14	SOU013-157	Uranium-238	2.079	pCi/g	Avg	3.845	UCL95
13	14	SOU013-134	Uranium-238	0.274	pCi/g	Grid Value	3.845	UCL95
13	14	SOU013-108	Vanadium	99	mg/kg	Grid Value	122.4	UCL95
13	14	SOU013-085	Vanadium	105	mg/kg	Grid Value	122.4	UCL95
13	14	SOU013-158	Vanadium	76	mg/kg	Grid Value	122.4	UCL95
13	14	SOU013-084	Vanadium	101	mg/kg	Grid Value	122.4	UCL95
13	14	SOU013-109	Vanadium	112	mg/kg	Grid Value	122.4	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
13	14	SOU013-110	Vanadium	139	mg/kg	Grid Value	122.4	UCL95
13	14	SOU013-132	Vanadium	119	mg/kg	Grid Value	122.4	UCL95
13	14	SOU013-133	Vanadium	120	mg/kg	Grid Value	122.4	UCL95
13	14	SOU013-134	Vanadium	158	mg/kg	Grid Value	122.4	UCL95
13	14	SOU013-156	Vanadium	92	mg/kg	Grid Value	122.4	UCL95
13	14	SOU013-157	Vanadium	75	mg/kg	Grid Value	122.4	UCL95
13	2	SOU013-022	Arsenic	10	mg/kg	Grid Value	10.4	UCL95
13	2	SOU013-046	Arsenic	10	mg/kg	Grid Value	10.4	UCL95
13	2	SOU013-070	Arsenic	10	mg/kg	Grid Value	10.4	UCL95
13	2	SOU013-069	Arsenic	10	mg/kg	Grid Value	10.4	UCL95
13	2	SOU013-068	Arsenic	10	mg/kg	Grid Value	10.4	UCL95
13	2	SOU013-047	Arsenic	10	mg/kg	Grid Value	10.4	UCL95
13	2	SOU013-071	Arsenic	2.99	mg/kg	Grid Value	10.4	UCL95
13	2	SOU013-045	Arsenic	10	mg/kg	Grid Value	10.4	UCL95
13	2	SOU013-023	Arsenic	10	mg/kg	Grid Value	10.4	UCL95
13	2	SOU013-021	Arsenic	10	mg/kg	Grid Value	10.4	UCL95
13	2	SOU013-020	Arsenic	9.3	mg/kg	Grid Value	10.4	UCL95
13	2	SOU013-044	Arsenic	10	mg/kg	Grid Value	10.4	UCL95
13	2	SOU013-071	Iron	19997	mg/kg	Grid Value	24745	UCL95
13	2	SOU013-070	Iron	21771	mg/kg	Grid Value	24745	UCL95
13	2	SOU013-069	Iron	30751	mg/kg	Grid Value	24745	UCL95
13	2	SOU013-021	Iron	20720	mg/kg	Grid Value	24745	UCL95
13	2	SOU013-068	Iron	22143	mg/kg	Grid Value	24745	UCL95
13	2	SOU013-046	Iron	22975	mg/kg	Grid Value	24745	UCL95
13	2	SOU013-047	Iron	30625	mg/kg	Grid Value	24745	UCL95
13	2	SOU013-044	Iron	21250	mg/kg	Grid Value	24745	UCL95
13	2	SOU013-022	Iron	17903	mg/kg	Grid Value	24745	UCL95
13	2	SOU013-020	Iron	21298	mg/kg	Grid Value	24745	UCL95
13	2	SOU013-045	Iron	21422	mg/kg	Grid Value	24745	UCL95
13	2	SOU013-023	Iron	21638	mg/kg	Grid Value	24745	UCL95
13	2	SOU013-068	Manganese	863	mg/kg	Grid Value	1224	UCL95
13	2	SOU013-071	Manganese	456	mg/kg	Grid Value	1224	UCL95
13	2	SOU013-069	Manganese	2156	mg/kg	Grid Value	1224	UCL95
13	2	SOU013-047	Manganese	2072	mg/kg	Grid Value	1224	UCL95
13	2	SOU013-046	Manganese	781	mg/kg	Grid Value	1224	UCL95
13	2	SOU013-045	Manganese	629	mg/kg	Grid Value	1224	UCL95
13	2	SOU013-023	Manganese	789	mg/kg	Grid Value	1224	UCL95
13	2	SOU013-022	Manganese	630	mg/kg	Grid Value	1224	UCL95
13	2	SOU013-021	Manganese	593	mg/kg	Grid Value	1224	UCL95
13	2	SOU013-020	Manganese	931	mg/kg	Grid Value	1224	UCL95
13	2	SOU013-044	Manganese	607	mg/kg	Grid Value	1224	UCL95
13	2	SOU013-070	Manganese	637	mg/kg	Grid Value	1224	UCL95
13	2	SOU013-070	Uranium-238	0.89175	pCi/g	Avg	0.995	UCL95
13	2	SOU013-021	Uranium-238	0.946	pCi/g	Grid Value	0.995	UCL95
13	2	SOU013-022	Uranium-238	0.89175	pCi/g	Avg	0.995	UCL95
13	2	SOU013-023	Uranium-238	0.89175	pCi/g	Avg	0.995	UCL95
13	2	SOU013-044	Uranium-238	0.708	pCi/g	Grid Value	0.995	UCL95
13	2	SOU013-045	Uranium-238	0.89175	pCi/g	Avg	0.995	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
13	2	SOU013-046	Uranium-238	0.89175	pCi/g	Avg	0.995	UCL95
13	2	SOU013-047	Uranium-238	0.89175	pCi/g	Avg	0.995	UCL95
13	2	SOU013-069	Uranium-238	0.89175	pCi/g	Avg	0.995	UCL95
13	2	SOU013-071	Uranium-238	0.513	pCi/g	Grid Value	0.995	UCL95
13	2	SOU013-020	Uranium-238	1.4	pCi/g	Grid Value	0.995	UCL95
13	2	SOU013-068	Uranium-238	0.89175	pCi/g	Avg	0.995	UCL95
13	2	SOU013-044	Vanadium	76	mg/kg	Grid Value	93.84	UCL95
13	2	SOU013-023	Vanadium	83	mg/kg	Grid Value	93.84	UCL95
13	2	SOU013-020	Vanadium	80	mg/kg	Grid Value	93.84	UCL95
13	2	SOU013-021	Vanadium	76	mg/kg	Grid Value	93.84	UCL95
13	2	SOU013-046	Vanadium	71	mg/kg	Grid Value	93.84	UCL95
13	2	SOU013-022	Vanadium	108	mg/kg	Grid Value	93.84	UCL95
13	2	SOU013-071	Vanadium	93	mg/kg	Grid Value	93.84	UCL95
13	2	SOU013-045	Vanadium	96	mg/kg	Grid Value	93.84	UCL95
13	2	SOU013-047	Vanadium	98	mg/kg	Grid Value	93.84	UCL95
13	2	SOU013-068	Vanadium	80	mg/kg	Grid Value	93.84	UCL95
13	2	SOU013-069	Vanadium	94	mg/kg	Grid Value	93.84	UCL95
13	2	SOU013-070	Vanadium	99	mg/kg	Grid Value	93.84	UCL95
13	3	SOU013-049	Iron	20832	mg/kg	Grid Value	26306	UCL95
13	3	SOU013-074	Iron	19469	mg/kg	Grid Value	26306	UCL95
13	3	SOU013-073	Iron	20547	mg/kg	Grid Value	26306	UCL95
13	3	SOU013-072	Iron	21760	mg/kg	Grid Value	26306	UCL95
13	3	SOU013-050	Iron	16182	mg/kg	Grid Value	26306	UCL95
13	3	SOU013-024	Iron	19428	mg/kg	Grid Value	26306	UCL95
13	3	SOU013-048	Iron	18256	mg/kg	Grid Value	26306	UCL95
13	3	SOU013-025	Iron	22528	mg/kg	Grid Value	26306	UCL95
13	3	SOU013-002	Iron	24949	mg/kg	Grid Value	26306	UCL95
13	3	SOU013-001	Iron	15990	mg/kg	Grid Value	26306	UCL95
13	3	SOU013-026	Iron	41021	mg/kg	Grid Value	26306	UCL95
13	3	SOU013-025	Manganese	601	mg/kg	Grid Value	1094	UCL95
13	3	SOU013-073	Manganese	549	mg/kg	Grid Value	1094	UCL95
13	3	SOU013-072	Manganese	476	mg/kg	Grid Value	1094	UCL95
13	3	SOU013-050	Manganese	857	mg/kg	Grid Value	1094	UCL95
13	3	SOU013-049	Manganese	712	mg/kg	Grid Value	1094	UCL95
13	3	SOU013-074	Manganese	625	mg/kg	Grid Value	1094	UCL95
13	3	SOU013-024	Manganese	350	mg/kg	Grid Value	1094	UCL95
13	3	SOU013-002	Manganese	2248	mg/kg	Grid Value	1094	UCL95
13	3	SOU013-001	Manganese	306	mg/kg	Grid Value	1094	UCL95
13	3	SOU013-026	Manganese	847	mg/kg	Grid Value	1094	UCL95
13	3	SOU013-048	Manganese	337	mg/kg	Grid Value	1094	UCL95
13	3	SOU013-025	Molybdenum	3	mg/kg	Grid Value	21.84	UCL95
13	3	SOU013-074	Molybdenum	3	mg/kg	Grid Value	21.84	UCL95
13	3	SOU013-073	Molybdenum	3	mg/kg	Grid Value	21.84	UCL95
13	3	SOU013-072	Molybdenum	3	mg/kg	Grid Value	21.84	UCL95
13	3	SOU013-050	Molybdenum	3	mg/kg	Grid Value	21.84	UCL95
13	3	SOU013-049	Molybdenum	3	mg/kg	Grid Value	21.84	UCL95
13	3	SOU013-026	Molybdenum	1.77	mg/kg	Grid Value	21.84	UCL95
13	3	SOU013-024	Molybdenum	0.33	mg/kg	Grid Value	21.84	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
13	3	SOU013-002	Molybdenum	42	mg/kg	Grid Value	21.84	UCL95
13	3	SOU013-001	Molybdenum	3	mg/kg	Grid Value	21.84	UCL95
13	3	SOU013-048	Molybdenum	3	mg/kg	Grid Value	21.84	UCL95
13	3	SOU013-048	PAH, Total	0.33384	mg/kg	Avg	0.493	UCL95
13	3	SOU013-049	PAH, Total	0.33384	mg/kg	Avg	0.493	UCL95
13	3	SOU013-073	PAH, Total	0.5	mg/kg	Grid Value	0.493	UCL95
13	3	SOU013-050	PAH, Total	0.33384	mg/kg	Avg	0.493	UCL95
13	3	SOU013-074	PAH, Total	0.33384	mg/kg	Avg	0.493	UCL95
13	3	SOU013-025	PAH, Total	0.33384	mg/kg	Avg	0.493	UCL95
13	3	SOU013-024	PAH, Total	0.02152	mg/kg	Grid Value	0.493	UCL95
13	3	SOU013-002	PAH, Total	0.33384	mg/kg	Avg	0.493	UCL95
13	3	SOU013-001	PAH, Total	0.33384	mg/kg	Avg	0.493	UCL95
13	3	SOU013-026	PAH, Total	0.48	mg/kg	Grid Value	0.493	UCL95
13	3	SOU013-072	PAH, Total	0.33384	mg/kg	Avg	0.493	UCL95
13	3	SOU013-048	Vanadium	79	mg/kg	Grid Value	98.78	UCL95
13	3	SOU013-073	Vanadium	72	mg/kg	Grid Value	98.78	UCL95
13	3	SOU013-072	Vanadium	79	mg/kg	Grid Value	98.78	UCL95
13	3	SOU013-049	Vanadium	85	mg/kg	Grid Value	98.78	UCL95
13	3	SOU013-074	Vanadium	78	mg/kg	Grid Value	98.78	UCL95
13	3	SOU013-025	Vanadium	94	mg/kg	Grid Value	98.78	UCL95
13	3	SOU013-024	Vanadium	106	mg/kg	Grid Value	98.78	UCL95
13	3	SOU013-002	Vanadium	116	mg/kg	Grid Value	98.78	UCL95
13	3	SOU013-001	Vanadium	107	mg/kg	Grid Value	98.78	UCL95
13	3	SOU013-026	Vanadium	94	mg/kg	Grid Value	98.78	UCL95
13	3	SOU013-050	Vanadium	92	mg/kg	Grid Value	98.78	UCL95
13	4	SOU013-053	Cobalt-60	0.00331	pCi/g	Grid Value	0.0806	UCL95
13	4	SOU013-005	Cobalt-60	0.050155	pCi/g	Avg	0.0806	UCL95
13	4	SOU013-003	Cobalt-60	0.050155	pCi/g	Avg	0.0806	UCL95
13	4	SOU013-027	Cobalt-60	0.050155	pCi/g	Avg	0.0806	UCL95
13	4	SOU013-028	Cobalt-60	0.050155	pCi/g	Avg	0.0806	UCL95
13	4	SOU013-029	Cobalt-60	0.050155	pCi/g	Avg	0.0806	UCL95
13	4	SOU013-077	Cobalt-60	0.050155	pCi/g	Avg	0.0806	UCL95
13	4	SOU013-052	Cobalt-60	0.050155	pCi/g	Avg	0.0806	UCL95
13	4	SOU013-004	Cobalt-60	0.050155	pCi/g	Avg	0.0806	UCL95
13	4	SOU013-051	Cobalt-60	0.097	pCi/g	Grid Value	0.0806	UCL95
13	4	SOU013-053	Iron	19014	mg/kg	Grid Value	27485	UCL95
13	4	SOU013-052	Iron	29689	mg/kg	Grid Value	27485	UCL95
13	4	SOU013-051	Iron	29193	mg/kg	Grid Value	27485	UCL95
13	4	SOU013-029	Iron	20300	mg/kg	Grid Value	27485	UCL95
13	4	SOU013-028	Iron	19036	mg/kg	Grid Value	27485	UCL95
13	4	SOU013-027	Iron	36780	mg/kg	Grid Value	27485	UCL95
13	4	SOU013-005	Iron	17066	mg/kg	Grid Value	27485	UCL95
13	4	SOU013-003	Iron	27386	mg/kg	Grid Value	27485	UCL95
13	4	SOU013-077	Iron	20454	mg/kg	Grid Value	27485	UCL95
13	4	SOU013-004	Iron	17088	mg/kg	Grid Value	27485	UCL95
13	4	SOU013-053	Manganese	552	mg/kg	Grid Value	1003	UCL95
13	4	SOU013-003	Manganese	530	mg/kg	Grid Value	1003	UCL95
13	4	SOU013-005	Manganese	303	mg/kg	Grid Value	1003	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
13	4	SOU013-027	Manganese	468	mg/kg	Grid Value	1003	UCL95
13	4	SOU013-028	Manganese	760	mg/kg	Grid Value	1003	UCL95
13	4	SOU013-029	Manganese	1345	mg/kg	Grid Value	1003	UCL95
13	4	SOU013-051	Manganese	1453	mg/kg	Grid Value	1003	UCL95
13	4	SOU013-004	Manganese	370	mg/kg	Grid Value	1003	UCL95
13	4	SOU013-052	Manganese	466	mg/kg	Grid Value	1003	UCL95
13	4	SOU013-077	Manganese	1262	mg/kg	Grid Value	1003	UCL95
13	4	SOU013-052	PAH, Total	0.49	mg/kg	Grid Value	0.559	UCL95
13	4	SOU013-051	PAH, Total	0.5	mg/kg	Grid Value	0.559	UCL95
13	4	SOU013-029	PAH, Total	0.382775	mg/kg	Avg	0.559	UCL95
13	4	SOU013-028	PAH, Total	0.0511	mg/kg	Grid Value	0.559	UCL95
13	4	SOU013-027	PAH, Total	0.382775	mg/kg	Avg	0.559	UCL95
13	4	SOU013-005	PAH, Total	0.382775	mg/kg	Avg	0.559	UCL95
13	4	SOU013-004	PAH, Total	0.382775	mg/kg	Avg	0.559	UCL95
13	4	SOU013-003	PAH, Total	0.382775	mg/kg	Avg	0.559	UCL95
13	4	SOU013-077	PAH, Total	0.382775	mg/kg	Avg	0.559	UCL95
13	4	SOU013-053	PAH, Total	0.49	mg/kg	Grid Value	0.559	UCL95
13	4	SOU013-027	PCB, Total	5	mg/kg	Grid Value	10.91	UCL95
13	4	SOU013-004	PCB, Total	5	mg/kg	Grid Value	10.91	UCL95
13	4	SOU013-005	PCB, Total	5	mg/kg	Grid Value	10.91	UCL95
13	4	SOU013-003	PCB, Total	5	mg/kg	Grid Value	10.91	UCL95
13	4	SOU013-028	PCB, Total	0.1	mg/kg	Grid Value	10.91	UCL95
13	4	SOU013-029	PCB, Total	5	mg/kg	Grid Value	10.91	UCL95
13	4	SOU013-051	PCB, Total	0.43	mg/kg	Grid Value	10.91	UCL95
13	4	SOU013-052	PCB, Total	0.1	mg/kg	Grid Value	10.91	UCL95
13	4	SOU013-053	PCB, Total	0.1	mg/kg	Grid Value	10.91	UCL95
13	4	SOU013-077	PCB, Total	5	mg/kg	Grid Value	10.91	UCL95
13	4	SOU013-003	Uranium-238	2.00425	pCi/g	Avg	3.266	UCL95
13	4	SOU013-077	Uranium-238	2.00425	pCi/g	Avg	3.266	UCL95
13	4	SOU013-053	Uranium-238	1.32	pCi/g	Grid Value	3.266	UCL95
13	4	SOU013-052	Uranium-238	0.477	pCi/g	Grid Value	3.266	UCL95
13	4	SOU013-051	Uranium-238	4.18	pCi/g	Grid Value	3.266	UCL95
13	4	SOU013-029	Uranium-238	2.00425	pCi/g	Avg	3.266	UCL95
13	4	SOU013-028	Uranium-238	2.04	pCi/g	Grid Value	3.266	UCL95
13	4	SOU013-027	Uranium-238	2.00425	pCi/g	Avg	3.266	UCL95
13	4	SOU013-005	Uranium-238	2.00425	pCi/g	Avg	3.266	UCL95
13	4	SOU013-004	Uranium-238	2.00425	pCi/g	Avg	3.266	UCL95
13	4	SOU013-053	Vanadium	79	mg/kg	Grid Value	98.14	UCL95
13	4	SOU013-004	Vanadium	78	mg/kg	Grid Value	98.14	UCL95
13	4	SOU013-005	Vanadium	78	mg/kg	Grid Value	98.14	UCL95
13	4	SOU013-027	Vanadium	87	mg/kg	Grid Value	98.14	UCL95
13	4	SOU013-028	Vanadium	110	mg/kg	Grid Value	98.14	UCL95
13	4	SOU013-029	Vanadium	88	mg/kg	Grid Value	98.14	UCL95
13	4	SOU013-051	Vanadium	94	mg/kg	Grid Value	98.14	UCL95
13	4	SOU013-052	Vanadium	108	mg/kg	Grid Value	98.14	UCL95
13	4	SOU013-077	Vanadium	80	mg/kg	Grid Value	98.14	UCL95
13	4	SOU013-003	Vanadium	105	mg/kg	Grid Value	98.14	UCL95
13	5	SOU013-056	Aluminum	7872	mg/kg	Avg	9740	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
13	5	SOU013-032	Aluminum	7872	mg/kg	Avg	9740	UCL95
13	5	SOU013-055	Aluminum	6460	mg/kg	Grid Value	9740	UCL95
13	5	SOU013-054	Aluminum	5100	mg/kg	Grid Value	9740	UCL95
13	5	SOU013-030	Aluminum	8700	mg/kg	Grid Value	9740	UCL95
13	5	SOU013-007	Aluminum	14000	mg/kg	Grid Value	9740	UCL95
13	5	SOU013-006	Aluminum	7872	mg/kg	Avg	9740	UCL95
13	5	SOU013-080	Aluminum	5100	mg/kg	Grid Value	9740	UCL95
13	5	SOU013-031	Aluminum	7872	mg/kg	Avg	9740	UCL95
13	5	SOU013-008	Aluminum	7872	mg/kg	Avg	9740	UCL95
13	5	SOU013-007	Cesium-137	0.562	pCi/g	Grid Value	0.352	UCL95
13	5	SOU013-008	Cesium-137	0.12817	pCi/g	Avg	0.352	UCL95
13	5	SOU013-030	Cesium-137	0.0324	pCi/g	Grid Value	0.352	UCL95
13	5	SOU013-031	Cesium-137	0.12817	pCi/g	Avg	0.352	UCL95
13	5	SOU013-032	Cesium-137	0.12817	pCi/g	Avg	0.352	UCL95
13	5	SOU013-054	Cesium-137	0.057	pCi/g	Grid Value	0.352	UCL95
13	5	SOU013-055	Cesium-137	-0.00515	pCi/g	Grid Value	0.352	UCL95
13	5	SOU013-056	Cesium-137	0.12817	pCi/g	Avg	0.352	UCL95
13	5	SOU013-080	Cesium-137	-0.0054	pCi/g	Grid Value	0.352	UCL95
13	5	SOU013-006	Cesium-137	0.12817	pCi/g	Avg	0.352	UCL95
13	5	SOU013-054	Chromium	11	mg/kg	Grid Value	93.69	UCL95
13	5	SOU013-080	Chromium	164	mg/kg	Grid Value	93.69	UCL95
13	5	SOU013-055	Chromium	8.26	mg/kg	Grid Value	93.69	UCL95
13	5	SOU013-032	Chromium	12	mg/kg	Grid Value	93.69	UCL95
13	5	SOU013-030	Chromium	12.3	mg/kg	Grid Value	93.69	UCL95
13	5	SOU013-006	Chromium	12	mg/kg	Grid Value	93.69	UCL95
13	5	SOU013-008	Chromium	12	mg/kg	Grid Value	93.69	UCL95
13	5	SOU013-007	Chromium	19	mg/kg	Grid Value	93.69	UCL95
13	5	SOU013-056	Chromium	12	mg/kg	Grid Value	93.69	UCL95
13	5	SOU013-031	Chromium	12	mg/kg	Grid Value	93.69	UCL95
13	5	SOU013-030	Iron	22220	mg/kg	Grid Value	24199	UCL95
13	5	SOU013-056	Iron	17721	mg/kg	Grid Value	24199	UCL95
13	5	SOU013-055	Iron	21163	mg/kg	Grid Value	24199	UCL95
13	5	SOU013-054	Iron	17294	mg/kg	Grid Value	24199	UCL95
13	5	SOU013-031	Iron	24861	mg/kg	Grid Value	24199	UCL95
13	5	SOU013-008	Iron	18575	mg/kg	Grid Value	24199	UCL95
13	5	SOU013-007	Iron	23989	mg/kg	Grid Value	24199	UCL95
13	5	SOU013-006	Iron	19986	mg/kg	Grid Value	24199	UCL95
13	5	SOU013-080	Iron	31295	mg/kg	Grid Value	24199	UCL95
13	5	SOU013-032	Iron	20697	mg/kg	Grid Value	24199	UCL95
13	5	SOU013-055	Manganese	363	mg/kg	Grid Value	908.4	UCL95
13	5	SOU013-056	Manganese	660	mg/kg	Grid Value	908.4	UCL95
13	5	SOU013-054	Manganese	828	mg/kg	Grid Value	908.4	UCL95
13	5	SOU013-032	Manganese	460	mg/kg	Grid Value	908.4	UCL95
13	5	SOU013-030	Manganese	510	mg/kg	Grid Value	908.4	UCL95
13	5	SOU013-008	Manganese	356	mg/kg	Grid Value	908.4	UCL95
13	5	SOU013-007	Manganese	733	mg/kg	Grid Value	908.4	UCL95
13	5	SOU013-006	Manganese	248	mg/kg	Grid Value	908.4	UCL95
13	5	SOU013-031	Manganese	419	mg/kg	Grid Value	908.4	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
13	5	SOU013-080	Manganese	1843	mg/kg	Grid Value	908.4	UCL95
13	5	SOU013-007	Neptunium-237	0.53	pCi/g	Grid Value	0.36	UCL95
13	5	SOU013-055	Neptunium-237	0.00377	pCi/g	Grid Value	0.36	UCL95
13	5	SOU013-056	Neptunium-237	0.132518	pCi/g	Avg	0.36	UCL95
13	5	SOU013-080	Neptunium-237	0.00162	pCi/g	Grid Value	0.36	UCL95
13	5	SOU013-032	Neptunium-237	0.132518	pCi/g	Avg	0.36	UCL95
13	5	SOU013-054	Neptunium-237	0.0702	pCi/g	Grid Value	0.36	UCL95
13	5	SOU013-031	Neptunium-237	0.132518	pCi/g	Avg	0.36	UCL95
13	5	SOU013-008	Neptunium-237	0.132518	pCi/g	Avg	0.36	UCL95
13	5	SOU013-006	Neptunium-237	0.132518	pCi/g	Avg	0.36	UCL95
13	5	SOU013-030	Neptunium-237	0.057	pCi/g	Grid Value	0.36	UCL95
13	5	SOU013-055	PAH, Total	0.49	mg/kg	Grid Value	0.543	UCL95
13	5	SOU013-031	PAH, Total	0.374734	mg/kg	Avg	0.543	UCL95
13	5	SOU013-056	PAH, Total	0.374734	mg/kg	Avg	0.543	UCL95
13	5	SOU013-080	PAH, Total	0.49	mg/kg	Grid Value	0.543	UCL95
13	5	SOU013-054	PAH, Total	0.3472	mg/kg	Grid Value	0.543	UCL95
13	5	SOU013-006	PAH, Total	0.374734	mg/kg	Avg	0.543	UCL95
13	5	SOU013-007	PAH, Total	0.06647	mg/kg	Grid Value	0.543	UCL95
13	5	SOU013-008	PAH, Total	0.374734	mg/kg	Avg	0.543	UCL95
13	5	SOU013-032	PAH, Total	0.374734	mg/kg	Avg	0.543	UCL95
13	5	SOU013-030	PAH, Total	0.48	mg/kg	Grid Value	0.543	UCL95
13	5	SOU013-008	PCB, Total	5	mg/kg	Grid Value	10.32	UCL95
13	5	SOU013-006	PCB, Total	5	mg/kg	Grid Value	10.32	UCL95
13	5	SOU013-007	PCB, Total	1.251	mg/kg	Grid Value	10.32	UCL95
13	5	SOU013-030	PCB, Total	0.57	mg/kg	Grid Value	10.32	UCL95
13	5	SOU013-031	PCB, Total	5	mg/kg	Grid Value	10.32	UCL95
13	5	SOU013-032	PCB, Total	5	mg/kg	Grid Value	10.32	UCL95
13	5	SOU013-054	PCB, Total	0.28	mg/kg	Grid Value	10.32	UCL95
13	5	SOU013-055	PCB, Total	0.1	mg/kg	Grid Value	10.32	UCL95
13	5	SOU013-056	PCB, Total	5	mg/kg	Grid Value	10.32	UCL95
13	5	SOU013-080	PCB, Total	0.13	mg/kg	Grid Value	10.32	UCL95
13	5	SOU013-055	Technetium-99	0	pCi/g	Grid Value	91.93	UCL95
13	5	SOU013-056	Technetium-99	30.5758	pCi/g	Avg	91.93	UCL95
13	5	SOU013-080	Technetium-99	0.263	pCi/g	Grid Value	91.93	UCL95
13	5	SOU013-032	Technetium-99	30.5758	pCi/g	Avg	91.93	UCL95
13	5	SOU013-031	Technetium-99	30.5758	pCi/g	Avg	91.93	UCL95
13	5	SOU013-030	Technetium-99	-0.014	pCi/g	Grid Value	91.93	UCL95
13	5	SOU013-008	Technetium-99	30.5758	pCi/g	Avg	91.93	UCL95
13	5	SOU013-007	Technetium-99	150	pCi/g	Grid Value	91.93	UCL95
13	5	SOU013-006	Technetium-99	30.5758	pCi/g	Avg	91.93	UCL95
13	5	SOU013-054	Technetium-99	2.63	pCi/g	Grid Value	91.93	UCL95
13	5	SOU013-030	Uranium	0.929	mg/kg	Grid Value	73.75	UCL95
13	5	SOU013-031	Uranium	10	mg/kg	Grid Value	73.75	UCL95
13	5	SOU013-054	Uranium	4.9	mg/kg	Grid Value	73.75	UCL95
13	5	SOU013-055	Uranium	10	mg/kg	Grid Value	73.75	UCL95
13	5	SOU013-008	Uranium	10	mg/kg	Grid Value	73.75	UCL95
13	5	SOU013-056	Uranium	10	mg/kg	Grid Value	73.75	UCL95
13	5	SOU013-080	Uranium	10	mg/kg	Grid Value	73.75	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
13	5	SOU013-007	Uranium	130	mg/kg	Grid Value	73.75	UCL95
13	5	SOU013-006	Uranium	10	mg/kg	Grid Value	73.75	UCL95
13	5	SOU013-032	Uranium	10	mg/kg	Grid Value	73.75	UCL95
13	5	SOU013-030	Uranium-234	0.992	pCi/g	Grid Value	20.16	UCL95
13	5	SOU013-006	Uranium-234	8.0284	pCi/g	Avg	20.16	UCL95
13	5	SOU013-080	Uranium-234	0.5	pCi/g	Grid Value	20.16	UCL95
13	5	SOU013-008	Uranium-234	8.0284	pCi/g	Avg	20.16	UCL95
13	5	SOU013-031	Uranium-234	8.0284	pCi/g	Avg	20.16	UCL95
13	5	SOU013-032	Uranium-234	8.0284	pCi/g	Avg	20.16	UCL95
13	5	SOU013-054	Uranium-234	1.79	pCi/g	Grid Value	20.16	UCL95
13	5	SOU013-055	Uranium-234	1.16	pCi/g	Grid Value	20.16	UCL95
13	5	SOU013-056	Uranium-234	8.0284	pCi/g	Avg	20.16	UCL95
13	5	SOU013-007	Uranium-234	35.7	pCi/g	Grid Value	20.16	UCL95
13	5	SOU013-056	Uranium-235	0.873222	pCi/g	Avg	2.73	UCL95
13	5	SOU013-007	Uranium-235	4.12	pCi/g	Grid Value	2.73	UCL95
13	5	SOU013-008	Uranium-235	0.873222	pCi/g	Avg	2.73	UCL95
13	5	SOU013-030	Uranium-235	0.0505	pCi/g	Grid Value	2.73	UCL95
13	5	SOU013-031	Uranium-235	0.873222	pCi/g	Avg	2.73	UCL95
13	5	SOU013-032	Uranium-235	0.873222	pCi/g	Avg	2.73	UCL95
13	5	SOU013-055	Uranium-235	0.0572	pCi/g	Grid Value	2.73	UCL95
13	5	SOU013-006	Uranium-235	0.873222	pCi/g	Avg	2.73	UCL95
13	5	SOU013-080	Uranium-235	0.00841	pCi/g	Grid Value	2.73	UCL95
13	5	SOU013-054	Uranium-235	0.13	pCi/g	Grid Value	2.73	UCL95
13	5	SOU013-007	Uranium-238	64.1	pCi/g	Grid Value	37.73	UCL95
13	5	SOU013-055	Uranium-238	1.17	pCi/g	Grid Value	37.73	UCL95
13	5	SOU013-056	Uranium-238	13.9914	pCi/g	Avg	37.73	UCL95
13	5	SOU013-054	Uranium-238	2.51	pCi/g	Grid Value	37.73	UCL95
13	5	SOU013-032	Uranium-238	13.9914	pCi/g	Avg	37.73	UCL95
13	5	SOU013-031	Uranium-238	13.9914	pCi/g	Avg	37.73	UCL95
13	5	SOU013-008	Uranium-238	13.9914	pCi/g	Avg	37.73	UCL95
13	5	SOU013-006	Uranium-238	13.9914	pCi/g	Avg	37.73	UCL95
13	5	SOU013-080	Uranium-238	0.687	pCi/g	Grid Value	37.73	UCL95
13	5	SOU013-030	Uranium-238	1.49	pCi/g	Grid Value	37.73	UCL95
13	5	SOU013-030	Vanadium	73	mg/kg	Grid Value	105.5	UCL95
13	5	SOU013-008	Vanadium	92	mg/kg	Grid Value	105.5	UCL95
13	5	SOU013-007	Vanadium	105	mg/kg	Grid Value	105.5	UCL95
13	5	SOU013-032	Vanadium	93	mg/kg	Grid Value	105.5	UCL95
13	5	SOU013-054	Vanadium	77	mg/kg	Grid Value	105.5	UCL95
13	5	SOU013-055	Vanadium	138	mg/kg	Grid Value	105.5	UCL95
13	5	SOU013-056	Vanadium	100	mg/kg	Grid Value	105.5	UCL95
13	5	SOU013-080	Vanadium	83	mg/kg	Grid Value	105.5	UCL95
13	5	SOU013-006	Vanadium	97	mg/kg	Grid Value	105.5	UCL95
13	5	SOU013-031	Vanadium	92	mg/kg	Grid Value	105.5	UCL95
13	6	SOU013-035	Cadmium	0.85	mg/kg	Grid Value	4.683	UCL95
13	6	SOU013-083	Cadmium	2.481667	mg/kg	Avg	4.683	UCL95
13	6	SOU013-059	Cadmium	1.76	mg/kg	Grid Value	4.683	UCL95
13	6	SOU013-057	Cadmium	2	mg/kg	Grid Value	4.683	UCL95
13	6	SOU013-033	Cadmium	2.481667	mg/kg	Avg	4.683	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
13	6	SOU013-011	Cadmium	2.481667	mg/kg	Avg	4.683	UCL95
13	6	SOU013-010	Cadmium	2.481667	mg/kg	Avg	4.683	UCL95
13	6	SOU013-009	Cadmium	1.76	mg/kg	Grid Value	4.683	UCL95
13	6	SOU013-034	Cadmium	6.78	mg/kg	Grid Value	4.683	UCL95
13	6	SOU013-058	Cadmium	1.74	mg/kg	Grid Value	4.683	UCL95
13	6	SOU013-010	Cesium-137	0.327	pCi/g	Grid Value	0.202	UCL95
13	6	SOU013-083	Cesium-137	0.132071	pCi/g	Avg	0.202	UCL95
13	6	SOU013-059	Cesium-137	0.0359	pCi/g	Grid Value	0.202	UCL95
13	6	SOU013-058	Cesium-137	0.0895	pCi/g	Grid Value	0.202	UCL95
13	6	SOU013-057	Cesium-137	-0.0116	pCi/g	Grid Value	0.202	UCL95
13	6	SOU013-035	Cesium-137	0.163	pCi/g	Grid Value	0.202	UCL95
13	6	SOU013-011	Cesium-137	0.132071	pCi/g	Avg	0.202	UCL95
13	6	SOU013-009	Cesium-137	-0.0103	pCi/g	Grid Value	0.202	UCL95
13	6	SOU013-034	Cesium-137	0.331	pCi/g	Grid Value	0.202	UCL95
13	6	SOU013-033	Cesium-137	0.132071	pCi/g	Avg	0.202	UCL95
13	6	SOU013-010	Iron	21306	mg/kg	Grid Value	30884	UCL95
13	6	SOU013-011	Iron	22577	mg/kg	Grid Value	30884	UCL95
13	6	SOU013-033	Iron	43337	mg/kg	Grid Value	30884	UCL95
13	6	SOU013-034	Iron	22690	mg/kg	Grid Value	30884	UCL95
13	6	SOU013-035	Iron	25186	mg/kg	Grid Value	30884	UCL95
13	6	SOU013-057	Iron	17735	mg/kg	Grid Value	30884	UCL95
13	6	SOU013-058	Iron	17817	mg/kg	Grid Value	30884	UCL95
13	6	SOU013-059	Iron	18131	mg/kg	Grid Value	30884	UCL95
13	6	SOU013-083	Iron	40685	mg/kg	Grid Value	30884	UCL95
13	6	SOU013-009	Iron	26212	mg/kg	Grid Value	30884	UCL95
13	6	SOU013-057	Manganese	1120	mg/kg	Grid Value	945.5	UCL95
13	6	SOU013-083	Manganese	1155	mg/kg	Grid Value	945.5	UCL95
13	6	SOU013-058	Manganese	542	mg/kg	Grid Value	945.5	UCL95
13	6	SOU013-035	Manganese	989	mg/kg	Grid Value	945.5	UCL95
13	6	SOU013-033	Manganese	1124	mg/kg	Grid Value	945.5	UCL95
13	6	SOU013-009	Manganese	727	mg/kg	Grid Value	945.5	UCL95
13	6	SOU013-011	Manganese	507	mg/kg	Grid Value	945.5	UCL95
13	6	SOU013-010	Manganese	465	mg/kg	Grid Value	945.5	UCL95
13	6	SOU013-034	Manganese	691	mg/kg	Grid Value	945.5	UCL95
13	6	SOU013-059	Manganese	415	mg/kg	Grid Value	945.5	UCL95
13	6	SOU013-035	Neptunium-237	0.0385	pCi/g	Grid Value	0.623	UCL95
13	6	SOU013-009	Neptunium-237	-0.0142	pCi/g	Grid Value	0.623	UCL95
13	6	SOU013-011	Neptunium-237	0.168806	pCi/g	Avg	0.623	UCL95
13	6	SOU013-034	Neptunium-237	0.0933	pCi/g	Grid Value	0.623	UCL95
13	6	SOU013-057	Neptunium-237	0.00082	pCi/g	Grid Value	0.623	UCL95
13	6	SOU013-058	Neptunium-237	-0.016	pCi/g	Grid Value	0.623	UCL95
13	6	SOU013-059	Neptunium-237	-0.00078	pCi/g	Grid Value	0.623	UCL95
13	6	SOU013-083	Neptunium-237	0.168806	pCi/g	Avg	0.623	UCL95
13	6	SOU013-033	Neptunium-237	0.168806	pCi/g	Avg	0.623	UCL95
13	6	SOU013-010	Neptunium-237	1.08	pCi/g	Grid Value	0.623	UCL95
13	6	SOU013-033	PAH, Total	0.668295	mg/kg	Avg	0.843	UCL95
13	6	SOU013-083	PAH, Total	0.668295	mg/kg	Avg	0.843	UCL95
13	6	SOU013-059	PAH, Total	0.49	mg/kg	Grid Value	0.843	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
13	6	SOU013-058	PAH, Total	1.2466	mg/kg	Grid Value	0.843	UCL95
13	6	SOU013-057	PAH, Total	0.46	mg/kg	Grid Value	0.843	UCL95
13	6	SOU013-034	PAH, Total	0.49	mg/kg	Grid Value	0.843	UCL95
13	6	SOU013-011	PAH, Total	0.668295	mg/kg	Avg	0.843	UCL95
13	6	SOU013-010	PAH, Total	0.668295	mg/kg	Avg	0.843	UCL95
13	6	SOU013-009	PAH, Total	0.49	mg/kg	Grid Value	0.843	UCL95
13	6	SOU013-035	PAH, Total	0.83317	mg/kg	Grid Value	0.843	UCL95
13	6	SOU013-035	PCB, Total	0.69	mg/kg	Grid Value	7.035	UCL95
13	6	SOU013-057	PCB, Total	0.1	mg/kg	Grid Value	7.035	UCL95
13	6	SOU013-083	PCB, Total	5	mg/kg	Grid Value	7.035	UCL95
13	6	SOU013-058	PCB, Total	0.12	mg/kg	Grid Value	7.035	UCL95
13	6	SOU013-033	PCB, Total	5	mg/kg	Grid Value	7.035	UCL95
13	6	SOU013-011	PCB, Total	5	mg/kg	Grid Value	7.035	UCL95
13	6	SOU013-010	PCB, Total	5	mg/kg	Grid Value	7.035	UCL95
13	6	SOU013-059	PCB, Total	0.1	mg/kg	Grid Value	7.035	UCL95
13	6	SOU013-009	PCB, Total	0.1	mg/kg	Grid Value	7.035	UCL95
13	6	SOU013-034	PCB, Total	0.48	mg/kg	Grid Value	7.035	UCL95
13	6	SOU013-035	Technetium-99	20.8	pCi/g	Grid Value	83.75	UCL95
13	6	SOU013-009	Technetium-99	0.278	pCi/g	Grid Value	83.75	UCL95
13	6	SOU013-010	Technetium-99	142	pCi/g	Grid Value	83.75	UCL95
13	6	SOU013-011	Technetium-99	25.17257	pCi/g	Avg	83.75	UCL95
13	6	SOU013-034	Technetium-99	9.07	pCi/g	Grid Value	83.75	UCL95
13	6	SOU013-057	Technetium-99	0	pCi/g	Grid Value	83.75	UCL95
13	6	SOU013-058	Technetium-99	2.07	pCi/g	Grid Value	83.75	UCL95
13	6	SOU013-083	Technetium-99	25.17257	pCi/g	Avg	83.75	UCL95
13	6	SOU013-033	Technetium-99	25.17257	pCi/g	Avg	83.75	UCL95
13	6	SOU013-059	Technetium-99	1.99	pCi/g	Grid Value	83.75	UCL95
13	6	SOU013-033	Uranium	10	mg/kg	Grid Value	36.7	UCL95
13	6	SOU013-083	Uranium	10	mg/kg	Grid Value	36.7	UCL95
13	6	SOU013-059	Uranium	10	mg/kg	Grid Value	36.7	UCL95
13	6	SOU013-058	Uranium	0.872	mg/kg	Grid Value	36.7	UCL95
13	6	SOU013-034	Uranium	10	mg/kg	Grid Value	36.7	UCL95
13	6	SOU013-057	Uranium	10	mg/kg	Grid Value	36.7	UCL95
13	6	SOU013-011	Uranium	10	mg/kg	Grid Value	36.7	UCL95
13	6	SOU013-010	Uranium	60	mg/kg	Grid Value	36.7	UCL95
13	6	SOU013-009	Uranium	0.879	mg/kg	Grid Value	36.7	UCL95
13	6	SOU013-035	Uranium	13	mg/kg	Grid Value	36.7	UCL95
13	6	SOU013-034	Uranium-234	1.99	pCi/g	Grid Value	15.51	UCL95
13	6	SOU013-057	Uranium-234	0.478	pCi/g	Grid Value	15.51	UCL95
13	6	SOU013-083	Uranium-234	5.366429	pCi/g	Avg	15.51	UCL95
13	6	SOU013-035	Uranium-234	2.59	pCi/g	Grid Value	15.51	UCL95
13	6	SOU013-033	Uranium-234	5.366429	pCi/g	Avg	15.51	UCL95
13	6	SOU013-058	Uranium-234	0.888	pCi/g	Grid Value	15.51	UCL95
13	6	SOU013-011	Uranium-234	5.366429	pCi/g	Avg	15.51	UCL95
13	6	SOU013-010	Uranium-234	30.7	pCi/g	Grid Value	15.51	UCL95
13	6	SOU013-009	Uranium-234	0.477	pCi/g	Grid Value	15.51	UCL95
13	6	SOU013-059	Uranium-234	0.442	pCi/g	Grid Value	15.51	UCL95
13	6	SOU013-083	Uranium-235	0.355463	pCi/g	Avg	1.161	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
13	6	SOU013-059	Uranium-235	0.0402	pCi/g	Grid Value	1.161	UCL95
13	6	SOU013-058	Uranium-235	0.00884	pCi/g	Grid Value	1.161	UCL95
13	6	SOU013-035	Uranium-235	0.164	pCi/g	Grid Value	1.161	UCL95
13	6	SOU013-034	Uranium-235	0.113	pCi/g	Grid Value	1.161	UCL95
13	6	SOU013-011	Uranium-235	0.355463	pCi/g	Avg	1.161	UCL95
13	6	SOU013-010	Uranium-235	2.11	pCi/g	Grid Value	1.161	UCL95
13	6	SOU013-009	Uranium-235	0.015	pCi/g	Grid Value	1.161	UCL95
13	6	SOU013-057	Uranium-235	0.0372	pCi/g	Grid Value	1.161	UCL95
13	6	SOU013-033	Uranium-235	0.355463	pCi/g	Avg	1.161	UCL95
13	6	SOU013-033	Uranium-238	11.39857	pCi/g	Avg	32.48	UCL95
13	6	SOU013-011	Uranium-238	11.39857	pCi/g	Avg	32.48	UCL95
13	6	SOU013-010	Uranium-238	62.9	pCi/g	Grid Value	32.48	UCL95
13	6	SOU013-034	Uranium-238	6.42	pCi/g	Grid Value	32.48	UCL95
13	6	SOU013-035	Uranium-238	5.18	pCi/g	Grid Value	32.48	UCL95
13	6	SOU013-009	Uranium-238	0.44	pCi/g	Grid Value	32.48	UCL95
13	6	SOU013-058	Uranium-238	2.22	pCi/g	Grid Value	32.48	UCL95
13	6	SOU013-059	Uranium-238	1.32	pCi/g	Grid Value	32.48	UCL95
13	6	SOU013-083	Uranium-238	11.39857	pCi/g	Avg	32.48	UCL95
13	6	SOU013-057	Uranium-238	1.31	pCi/g	Grid Value	32.48	UCL95
13	6	SOU013-009	Vanadium	110	mg/kg	Grid Value	119.9	UCL95
13	6	SOU013-035	Vanadium	158	mg/kg	Grid Value	119.9	UCL95
13	6	SOU013-034	Vanadium	101	mg/kg	Grid Value	119.9	UCL95
13	6	SOU013-033	Vanadium	103	mg/kg	Grid Value	119.9	UCL95
13	6	SOU013-011	Vanadium	95	mg/kg	Grid Value	119.9	UCL95
13	6	SOU013-057	Vanadium	126	mg/kg	Grid Value	119.9	UCL95
13	6	SOU013-058	Vanadium	84	mg/kg	Grid Value	119.9	UCL95
13	6	SOU013-083	Vanadium	106	mg/kg	Grid Value	119.9	UCL95
13	6	SOU013-059	Vanadium	101	mg/kg	Grid Value	119.9	UCL95
13	6	SOU013-010	Vanadium	95	mg/kg	Grid Value	119.9	UCL95
13	7	SOU013-038	Iron	21660	mg/kg	Grid Value	27847	UCL95
13	7	SOU013-086	Iron	15858	mg/kg	Grid Value	27847	UCL95
13	7	SOU013-062	Iron	39372	mg/kg	Grid Value	27847	UCL95
13	7	SOU013-061	Iron	19794	mg/kg	Grid Value	27847	UCL95
13	7	SOU013-060	Iron	17772	mg/kg	Grid Value	27847	UCL95
13	7	SOU013-036	Iron	20794	mg/kg	Grid Value	27847	UCL95
13	7	SOU013-014	Iron	21458	mg/kg	Grid Value	27847	UCL95
13	7	SOU013-037	Iron	20632	mg/kg	Grid Value	27847	UCL95
13	7	SOU013-012	Iron	28088	mg/kg	Grid Value	27847	UCL95
13	7	SOU013-013	Iron	24673	mg/kg	Grid Value	27847	UCL95
13	7	SOU013-036	PCB, Total	5	mg/kg	Grid Value	10.83	UCL95
13	7	SOU013-086	PCB, Total	5	mg/kg	Grid Value	10.83	UCL95
13	7	SOU013-062	PCB, Total	5	mg/kg	Grid Value	10.83	UCL95
13	7	SOU013-061	PCB, Total	0.55	mg/kg	Grid Value	10.83	UCL95
13	7	SOU013-060	PCB, Total	5	mg/kg	Grid Value	10.83	UCL95
13	7	SOU013-037	PCB, Total	5	mg/kg	Grid Value	10.83	UCL95
13	7	SOU013-014	PCB, Total	5	mg/kg	Grid Value	10.83	UCL95
13	7	SOU013-013	PCB, Total	0.1	mg/kg	Grid Value	10.83	UCL95
13	7	SOU013-012	PCB, Total	5	mg/kg	Grid Value	10.83	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
13	7	SOU013-038	PCB, Total	0.05	mg/kg	Grid Value	10.83	UCL95
13	7	SOU013-038	Silver	0.033	mg/kg	Grid Value	77.92	UCL95
13	7	SOU013-013	Silver	2.27	mg/kg	Grid Value	77.92	UCL95
13	7	SOU013-062	Silver	108	mg/kg	Grid Value	77.92	UCL95
13	7	SOU013-061	Silver	2.17	mg/kg	Grid Value	77.92	UCL95
13	7	SOU013-060	Silver	50	mg/kg	Grid Value	77.92	UCL95
13	7	SOU013-086	Silver	50	mg/kg	Grid Value	77.92	UCL95
13	7	SOU013-037	Silver	146	mg/kg	Grid Value	77.92	UCL95
13	7	SOU013-014	Silver	50	mg/kg	Grid Value	77.92	UCL95
13	7	SOU013-012	Silver	50	mg/kg	Grid Value	77.92	UCL95
13	7	SOU013-036	Silver	50	mg/kg	Grid Value	77.92	UCL95
13	7	SOU013-062	Uranium-238	2.177	pCi/g	Avg	3.692	UCL95
13	7	SOU013-061	Uranium-238	4.82	pCi/g	Grid Value	3.692	UCL95
13	7	SOU013-060	Uranium-238	2.177	pCi/g	Avg	3.692	UCL95
13	7	SOU013-038	Uranium-238	1.3	pCi/g	Grid Value	3.692	UCL95
13	7	SOU013-037	Uranium-238	2.177	pCi/g	Avg	3.692	UCL95
13	7	SOU013-036	Uranium-238	2.177	pCi/g	Avg	3.692	UCL95
13	7	SOU013-014	Uranium-238	2.177	pCi/g	Avg	3.692	UCL95
13	7	SOU013-013	Uranium-238	0.411	pCi/g	Grid Value	3.692	UCL95
13	7	SOU013-086	Uranium-238	2.177	pCi/g	Avg	3.692	UCL95
13	7	SOU013-012	Uranium-238	2.177	pCi/g	Avg	3.692	UCL95
13	7	SOU013-061	Vanadium	91	mg/kg	Grid Value	121.6	UCL95
13	7	SOU013-012	Vanadium	110	mg/kg	Grid Value	121.6	UCL95
13	7	SOU013-060	Vanadium	91	mg/kg	Grid Value	121.6	UCL95
13	7	SOU013-038	Vanadium	118	mg/kg	Grid Value	121.6	UCL95
13	7	SOU013-037	Vanadium	145	mg/kg	Grid Value	121.6	UCL95
13	7	SOU013-036	Vanadium	140	mg/kg	Grid Value	121.6	UCL95
13	7	SOU013-014	Vanadium	86	mg/kg	Grid Value	121.6	UCL95
13	7	SOU013-013	Vanadium	94	mg/kg	Grid Value	121.6	UCL95
13	7	SOU013-086	Vanadium	92	mg/kg	Grid Value	121.6	UCL95
13	7	SOU013-062	Vanadium	123	mg/kg	Grid Value	121.6	UCL95
13	8	SOU013-114	Iron	22103	mg/kg	Grid Value	24112	UCL95
13	8	SOU013-115	Iron	21226	mg/kg	Grid Value	24112	UCL95
13	8	SOU013-135	Iron	21075	mg/kg	Grid Value	24112	UCL95
13	8	SOU013-136	Iron	31310	mg/kg	Grid Value	24112	UCL95
13	8	SOU013-138	Iron	17679	mg/kg	Grid Value	24112	UCL95
13	8	SOU013-111	Iron	20114	mg/kg	Grid Value	24112	UCL95
13	8	SOU013-137	Iron	20797	mg/kg	Grid Value	24112	UCL95
13	8	SOU013-139	Iron	27217	mg/kg	Grid Value	24112	UCL95
13	8	SOU013-091	Iron	18384	mg/kg	Grid Value	24112	UCL95
13	8	SOU013-090	Iron	25360	mg/kg	Grid Value	24112	UCL95
13	8	SOU013-089	Iron	22823	mg/kg	Grid Value	24112	UCL95
13	8	SOU013-088	Iron	20666	mg/kg	Grid Value	24112	UCL95
13	8	SOU013-087	Iron	19091	mg/kg	Grid Value	24112	UCL95
13	8	SOU013-112	Iron	25319	mg/kg	Grid Value	24112	UCL95
13	8	SOU013-113	Iron	23707	mg/kg	Grid Value	24112	UCL95
13	8	SOU013-114	Manganese	623	mg/kg	Grid Value	1121	UCL95
13	8	SOU013-115	Manganese	628	mg/kg	Grid Value	1121	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
13	8	SOU013-135	Manganese	1169	mg/kg	Grid Value	1121	UCL95
13	8	SOU013-136	Manganese	654	mg/kg	Grid Value	1121	UCL95
13	8	SOU013-137	Manganese	850	mg/kg	Grid Value	1121	UCL95
13	8	SOU013-139	Manganese	936	mg/kg	Grid Value	1121	UCL95
13	8	SOU013-113	Manganese	1198	mg/kg	Grid Value	1121	UCL95
13	8	SOU013-138	Manganese	890	mg/kg	Grid Value	1121	UCL95
13	8	SOU013-111	Manganese	469	mg/kg	Grid Value	1121	UCL95
13	8	SOU013-091	Manganese	205	mg/kg	Grid Value	1121	UCL95
13	8	SOU013-090	Manganese	1927	mg/kg	Grid Value	1121	UCL95
13	8	SOU013-089	Manganese	599	mg/kg	Grid Value	1121	UCL95
13	8	SOU013-088	Manganese	668	mg/kg	Grid Value	1121	UCL95
13	8	SOU013-087	Manganese	1752	mg/kg	Grid Value	1121	UCL95
13	8	SOU013-112	Manganese	1083	mg/kg	Grid Value	1121	UCL95
13	8	SOU013-137	PAH, Total	0.408697	mg/kg	Avg	0.539	UCL95
13	8	SOU013-138	PAH, Total	0.01218	mg/kg	Grid Value	0.539	UCL95
13	8	SOU013-136	PAH, Total	0.408697	mg/kg	Avg	0.539	UCL95
13	8	SOU013-135	PAH, Total	0.5	mg/kg	Grid Value	0.539	UCL95
13	8	SOU013-115	PAH, Total	0.48	mg/kg	Grid Value	0.539	UCL95
13	8	SOU013-114	PAH, Total	0.48	mg/kg	Grid Value	0.539	UCL95
13	8	SOU013-113	PAH, Total	0.49	mg/kg	Grid Value	0.539	UCL95
13	8	SOU013-087	PAH, Total	0.408697	mg/kg	Avg	0.539	UCL95
13	8	SOU013-111	PAH, Total	0.408697	mg/kg	Avg	0.539	UCL95
13	8	SOU013-091	PAH, Total	0.408697	mg/kg	Avg	0.539	UCL95
13	8	SOU013-090	PAH, Total	0.408697	mg/kg	Avg	0.539	UCL95
13	8	SOU013-089	PAH, Total	0.408697	mg/kg	Avg	0.539	UCL95
13	8	SOU013-088	PAH, Total	0.49	mg/kg	Grid Value	0.539	UCL95
13	8	SOU013-112	PAH, Total	0.408697	mg/kg	Avg	0.539	UCL95
13	8	SOU013-139	PAH, Total	0.408697	mg/kg	Avg	0.539	UCL95
13	8	SOU013-114	Vanadium	92	mg/kg	Grid Value	99.7	UCL95
13	8	SOU013-115	Vanadium	89	mg/kg	Grid Value	99.7	UCL95
13	8	SOU013-135	Vanadium	101	mg/kg	Grid Value	99.7	UCL95
13	8	SOU013-136	Vanadium	118	mg/kg	Grid Value	99.7	UCL95
13	8	SOU013-138	Vanadium	96	mg/kg	Grid Value	99.7	UCL95
13	8	SOU013-091	Vanadium	80	mg/kg	Grid Value	99.7	UCL95
13	8	SOU013-139	Vanadium	87	mg/kg	Grid Value	99.7	UCL95
13	8	SOU013-137	Vanadium	99	mg/kg	Grid Value	99.7	UCL95
13	8	SOU013-113	Vanadium	99	mg/kg	Grid Value	99.7	UCL95
13	8	SOU013-111	Vanadium	113	mg/kg	Grid Value	99.7	UCL95
13	8	SOU013-090	Vanadium	102	mg/kg	Grid Value	99.7	UCL95
13	8	SOU013-089	Vanadium	96	mg/kg	Grid Value	99.7	UCL95
13	8	SOU013-088	Vanadium	83	mg/kg	Grid Value	99.7	UCL95
13	8	SOU013-087	Vanadium	84	mg/kg	Grid Value	99.7	UCL95
13	8	SOU013-112	Vanadium	78	mg/kg	Grid Value	99.7	UCL95
13	9	SOU013-118	Arsenic	10	mg/kg	Grid Value	12.46	UCL95
13	9	SOU013-142	Arsenic	10	mg/kg	Grid Value	12.46	UCL95
13	9	SOU013-143	Arsenic	9	mg/kg	Grid Value	12.46	UCL95
13	9	SOU013-141	Arsenic	10	mg/kg	Grid Value	12.46	UCL95
13	9	SOU013-140	Arsenic	10	mg/kg	Grid Value	12.46	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
13	9	SOU013-119	Arsenic	10	mg/kg	Grid Value	12.46	UCL95
13	9	SOU013-116	Arsenic	10	mg/kg	Grid Value	12.46	UCL95
13	9	SOU013-095	Arsenic	10	mg/kg	Grid Value	12.46	UCL95
13	9	SOU013-094	Arsenic	10	mg/kg	Grid Value	12.46	UCL95
13	9	SOU013-093	Arsenic	10	mg/kg	Grid Value	12.46	UCL95
13	9	SOU013-092	Arsenic	10	mg/kg	Grid Value	12.46	UCL95
13	9	SOU013-117	Arsenic	0.875	mg/kg	Grid Value	12.46	UCL95
13	9	SOU013-117	Cesium-137	-0.00278	pCi/g	Grid Value	0.264	UCL95
13	9	SOU013-143	Cesium-137	0.17	pCi/g	Grid Value	0.264	UCL95
13	9	SOU013-092	Cesium-137	0.1422	pCi/g	Avg	0.264	UCL95
13	9	SOU013-093	Cesium-137	0.1422	pCi/g	Avg	0.264	UCL95
13	9	SOU013-094	Cesium-137	0.1422	pCi/g	Avg	0.264	UCL95
13	9	SOU013-116	Cesium-137	0.1422	pCi/g	Avg	0.264	UCL95
13	9	SOU013-118	Cesium-137	0.00858	pCi/g	Grid Value	0.264	UCL95
13	9	SOU013-119	Cesium-137	0.1422	pCi/g	Avg	0.264	UCL95
13	9	SOU013-140	Cesium-137	0.1422	pCi/g	Avg	0.264	UCL95
13	9	SOU013-141	Cesium-137	0.393	pCi/g	Grid Value	0.264	UCL95
13	9	SOU013-142	Cesium-137	0.1422	pCi/g	Avg	0.264	UCL95
13	9	SOU013-095	Cesium-137	0.1422	pCi/g	Avg	0.264	UCL95
13	9	SOU013-140	Neptunium-237	0.222812	pCi/g	Avg	0.515	UCL95
13	9	SOU013-116	Neptunium-237	0.222812	pCi/g	Avg	0.515	UCL95
13	9	SOU013-092	Neptunium-237	0.222812	pCi/g	Avg	0.515	UCL95
13	9	SOU013-093	Neptunium-237	0.222812	pCi/g	Avg	0.515	UCL95
13	9	SOU013-094	Neptunium-237	0.222812	pCi/g	Avg	0.515	UCL95
13	9	SOU013-095	Neptunium-237	0.222812	pCi/g	Avg	0.515	UCL95
13	9	SOU013-119	Neptunium-237	0.222812	pCi/g	Avg	0.515	UCL95
13	9	SOU013-142	Neptunium-237	0.222812	pCi/g	Avg	0.515	UCL95
13	9	SOU013-141	Neptunium-237	0.89	pCi/g	Grid Value	0.515	UCL95
13	9	SOU013-143	Neptunium-237	0.0174	pCi/g	Grid Value	0.515	UCL95
13	9	SOU013-117	Neptunium-237	-0.0157	pCi/g	Grid Value	0.515	UCL95
13	9	SOU013-118	Neptunium-237	-0.00045	pCi/g	Grid Value	0.515	UCL95
13	9	SOU013-140	PAH, Total	0.322167	mg/kg	Avg	0.46	UCL95
13	9	SOU013-093	PAH, Total	0.322167	mg/kg	Avg	0.46	UCL95
13	9	SOU013-094	PAH, Total	0.322167	mg/kg	Avg	0.46	UCL95
13	9	SOU013-095	PAH, Total	0.322167	mg/kg	Avg	0.46	UCL95
13	9	SOU013-116	PAH, Total	0.322167	mg/kg	Avg	0.46	UCL95
13	9	SOU013-117	PAH, Total	0.47	mg/kg	Grid Value	0.46	UCL95
13	9	SOU013-119	PAH, Total	0.322167	mg/kg	Avg	0.46	UCL95
13	9	SOU013-141	PAH, Total	0.322167	mg/kg	Avg	0.46	UCL95
13	9	SOU013-142	PAH, Total	0.322167	mg/kg	Avg	0.46	UCL95
13	9	SOU013-143	PAH, Total	0.0265	mg/kg	Grid Value	0.46	UCL95
13	9	SOU013-092	PAH, Total	0.322167	mg/kg	Avg	0.46	UCL95
13	9	SOU013-118	PAH, Total	0.47	mg/kg	Grid Value	0.46	UCL95
13	9	SOU013-116	Uranium-238	1.9665	pCi/g	Avg	3.775	UCL95
13	9	SOU013-092	Uranium-238	1.9665	pCi/g	Avg	3.775	UCL95
13	9	SOU013-093	Uranium-238	1.9665	pCi/g	Avg	3.775	UCL95
13	9	SOU013-095	Uranium-238	1.9665	pCi/g	Avg	3.775	UCL95
13	9	SOU013-117	Uranium-238	0.511	pCi/g	Grid Value	3.775	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
13	9	SOU013-118	Uranium-238	0.355	pCi/g	Grid Value	3.775	UCL95
13	9	SOU013-119	Uranium-238	1.9665	pCi/g	Avg	3.775	UCL95
13	9	SOU013-143	Uranium-238	0.92	pCi/g	Grid Value	3.775	UCL95
13	9	SOU013-140	Uranium-238	1.9665	pCi/g	Avg	3.775	UCL95
13	9	SOU013-142	Uranium-238	1.9665	pCi/g	Avg	3.775	UCL95
13	9	SOU013-141	Uranium-238	6.08	pCi/g	Grid Value	3.775	UCL95
13	9	SOU013-094	Uranium-238	1.9665	pCi/g	Avg	3.775	UCL95
13	9	SOU013-093	Vanadium	91	mg/kg	Grid Value	116.6	UCL95
13	9	SOU013-094	Vanadium	85	mg/kg	Grid Value	116.6	UCL95
13	9	SOU013-095	Vanadium	112	mg/kg	Grid Value	116.6	UCL95
13	9	SOU013-143	Vanadium	115	mg/kg	Grid Value	116.6	UCL95
13	9	SOU013-092	Vanadium	88	mg/kg	Grid Value	116.6	UCL95
13	9	SOU013-116	Vanadium	88	mg/kg	Grid Value	116.6	UCL95
13	9	SOU013-117	Vanadium	83	mg/kg	Grid Value	116.6	UCL95
13	9	SOU013-118	Vanadium	80	mg/kg	Grid Value	116.6	UCL95
13	9	SOU013-119	Vanadium	88	mg/kg	Grid Value	116.6	UCL95
13	9	SOU013-140	Vanadium	149	mg/kg	Grid Value	116.6	UCL95
13	9	SOU013-141	Vanadium	145	mg/kg	Grid Value	116.6	UCL95
13	9	SOU013-142	Vanadium	123	mg/kg	Grid Value	116.6	UCL95
15	1	SOU015-011	Antimony	124.95	mg/kg	Grid Value	108.2	UCL95
15	1	SOU015-018	Antimony	84.1	mg/kg	Grid Value	108.2	UCL95
15	1	SOU015-017	Antimony	96.65	mg/kg	Grid Value	108.2	UCL95
15	1	SOU015-015	Antimony	105.97	mg/kg	Grid Value	108.2	UCL95
15	1	SOU015-010	Antimony	41.2	mg/kg	Grid Value	108.2	UCL95
15	1	SOU015-008	Antimony	102.67	mg/kg	Grid Value	108.2	UCL95
15	1	SOU015-004	Antimony	79.26	mg/kg	Grid Value	108.2	UCL95
15	1	SOU015-003	Antimony	105.71	mg/kg	Grid Value	108.2	UCL95
15	1	SOU015-002	Antimony	88.3	mg/kg	Grid Value	108.2	UCL95
15	1	SOU015-001	Antimony	134.96	mg/kg	Grid Value	108.2	UCL95
15	1	SOU015-009	Antimony	30	mg/kg	Grid Value	108.2	UCL95
15	1	SOU015-016	Antimony	112.18	mg/kg	Grid Value	108.2	UCL95
15	1	SOU015-001	Arsenic	11	mg/kg	Grid Value	13.16	UCL95
15	1	SOU015-015	Arsenic	11	mg/kg	Grid Value	13.16	UCL95
15	1	SOU015-011	Arsenic	20.04	mg/kg	Grid Value	13.16	UCL95
15	1	SOU015-010	Arsenic	10.76	mg/kg	Grid Value	13.16	UCL95
15	1	SOU015-009	Arsenic	7.35	mg/kg	Grid Value	13.16	UCL95
15	1	SOU015-008	Arsenic	12.15	mg/kg	Grid Value	13.16	UCL95
15	1	SOU015-004	Arsenic	11.38	mg/kg	Grid Value	13.16	UCL95
15	1	SOU015-002	Arsenic	9.8	mg/kg	Grid Value	13.16	UCL95
15	1	SOU015-018	Arsenic	10.64	mg/kg	Grid Value	13.16	UCL95
15	1	SOU015-003	Arsenic	13.49	mg/kg	Grid Value	13.16	UCL95
15	1	SOU015-017	Arsenic	12.55	mg/kg	Grid Value	13.16	UCL95
15	1	SOU015-016	Arsenic	7.55	mg/kg	Grid Value	13.16	UCL95
15	1	SOU015-011	Cadmium	1.54	mg/kg	Grid Value	27.16	UCL95
15	1	SOU015-018	Cadmium	1.65	mg/kg	Grid Value	27.16	UCL95
15	1	SOU015-017	Cadmium	0.11	mg/kg	Grid Value	27.16	UCL95
15	1	SOU015-015	Cadmium	14.01	mg/kg	Grid Value	27.16	UCL95
15	1	SOU015-010	Cadmium	12	mg/kg	Grid Value	27.16	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
15	1	SOU015-009	Cadmium	12	mg/kg	Grid Value	27.16	UCL95
15	1	SOU015-008	Cadmium	16.74	mg/kg	Grid Value	27.16	UCL95
15	1	SOU015-004	Cadmium	14.54	mg/kg	Grid Value	27.16	UCL95
15	1	SOU015-003	Cadmium	0.25	mg/kg	Grid Value	27.16	UCL95
15	1	SOU015-002	Cadmium	0.16	mg/kg	Grid Value	27.16	UCL95
15	1	SOU015-001	Cadmium	12	mg/kg	Grid Value	27.16	UCL95
15	1	SOU015-016	Cadmium	12	mg/kg	Grid Value	27.16	UCL95
15	1	SOU015-002	Chromium	56.1	mg/kg	Grid Value	82.87	UCL95
15	1	SOU015-011	Chromium	9.26	mg/kg	Grid Value	82.87	UCL95
15	1	SOU015-018	Chromium	39.04	mg/kg	Grid Value	82.87	UCL95
15	1	SOU015-017	Chromium	34.97	mg/kg	Grid Value	82.87	UCL95
15	1	SOU015-016	Chromium	33.94	mg/kg	Grid Value	82.87	UCL95
15	1	SOU015-015	Chromium	85	mg/kg	Grid Value	82.87	UCL95
15	1	SOU015-010	Chromium	85	mg/kg	Grid Value	82.87	UCL95
15	1	SOU015-009	Chromium	85	mg/kg	Grid Value	82.87	UCL95
15	1	SOU015-008	Chromium	85	mg/kg	Grid Value	82.87	UCL95
15	1	SOU015-003	Chromium	45.73	mg/kg	Grid Value	82.87	UCL95
15	1	SOU015-001	Chromium	48.86	mg/kg	Grid Value	82.87	UCL95
15	1	SOU015-004	Chromium	85	mg/kg	Grid Value	82.87	UCL95
15	1	SOU015-004	Iron	27274.73	mg/kg	Grid Value	29714	UCL95
15	1	SOU015-017	Iron	27497.43	mg/kg	Grid Value	29714	UCL95
15	1	SOU015-016	Iron	21212.15	mg/kg	Grid Value	29714	UCL95
15	1	SOU015-015	Iron	19309.36	mg/kg	Grid Value	29714	UCL95
15	1	SOU015-018	Iron	36984.53	mg/kg	Grid Value	29714	UCL95
15	1	SOU015-011	Iron	28293.95	mg/kg	Grid Value	29714	UCL95
15	1	SOU015-008	Iron	25194.99	mg/kg	Grid Value	29714	UCL95
15	1	SOU015-003	Iron	29839.87	mg/kg	Grid Value	29714	UCL95
15	1	SOU015-002	Iron	37400	mg/kg	Grid Value	29714	UCL95
15	1	SOU015-001	Iron	22937.95	mg/kg	Grid Value	29714	UCL95
15	1	SOU015-009	Iron	21179.89	mg/kg	Grid Value	29714	UCL95
15	1	SOU015-010	Iron	22883.08	mg/kg	Grid Value	29714	UCL95
15	1	SOU015-011	Manganese	761.52	mg/kg	Grid Value	601.3	UCL95
15	1	SOU015-018	Manganese	731.11	mg/kg	Grid Value	601.3	UCL95
15	1	SOU015-017	Manganese	476.86	mg/kg	Grid Value	601.3	UCL95
15	1	SOU015-015	Manganese	302.15	mg/kg	Grid Value	601.3	UCL95
15	1	SOU015-010	Manganese	667.66	mg/kg	Grid Value	601.3	UCL95
15	1	SOU015-008	Manganese	199.25	mg/kg	Grid Value	601.3	UCL95
15	1	SOU015-004	Manganese	832.66	mg/kg	Grid Value	601.3	UCL95
15	1	SOU015-003	Manganese	541	mg/kg	Grid Value	601.3	UCL95
15	1	SOU015-002	Manganese	403	mg/kg	Grid Value	601.3	UCL95
15	1	SOU015-001	Manganese	313.19	mg/kg	Grid Value	601.3	UCL95
15	1	SOU015-009	Manganese	333.52	mg/kg	Grid Value	601.3	UCL95
15	1	SOU015-016	Manganese	343.02	mg/kg	Grid Value	601.3	UCL95
15	1	SOU015-004	Nickel	119.14	mg/kg	Grid Value	138.7	UCL95
15	1	SOU015-018	Nickel	152.72	mg/kg	Grid Value	138.7	UCL95
15	1	SOU015-017	Nickel	114.83	mg/kg	Grid Value	138.7	UCL95
15	1	SOU015-016	Nickel	89.47	mg/kg	Grid Value	138.7	UCL95
15	1	SOU015-015	Nickel	65	mg/kg	Grid Value	138.7	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
15	1	SOU015-011	Nickel	260.5	mg/kg	Grid Value	138.7	UCL95
15	1	SOU015-010	Nickel	85.21	mg/kg	Grid Value	138.7	UCL95
15	1	SOU015-008	Nickel	65	mg/kg	Grid Value	138.7	UCL95
15	1	SOU015-002	Nickel	82.32	mg/kg	Grid Value	138.7	UCL95
15	1	SOU015-001	Nickel	78.57	mg/kg	Grid Value	138.7	UCL95
15	1	SOU015-009	Nickel	65	mg/kg	Grid Value	138.7	UCL95
15	1	SOU015-003	Nickel	60.51	mg/kg	Grid Value	138.7	UCL95
15	1	SOU015-016	PAH, Total	0.678043	mg/kg	Avg	1.156	UCL95
15	1	SOU015-001	PAH, Total	0.678043	mg/kg	Avg	1.156	UCL95
15	1	SOU015-002	PAH, Total	1.71437	mg/kg	Grid Value	1.156	UCL95
15	1	SOU015-003	PAH, Total	0.0078	mg/kg	Grid Value	1.156	UCL95
15	1	SOU015-004	PAH, Total	0.678043	mg/kg	Avg	1.156	UCL95
15	1	SOU015-008	PAH, Total	0.678043	mg/kg	Avg	1.156	UCL95
15	1	SOU015-009	PAH, Total	0.678043	mg/kg	Avg	1.156	UCL95
15	1	SOU015-010	PAH, Total	0.678043	mg/kg	Avg	1.156	UCL95
15	1	SOU015-015	PAH, Total	0.678043	mg/kg	Avg	1.156	UCL95
15	1	SOU015-017	PAH, Total	0.678043	mg/kg	Avg	1.156	UCL95
15	1	SOU015-018	PAH, Total	0.49	mg/kg	Grid Value	1.156	UCL95
15	1	SOU015-011	PAH, Total	0.5	mg/kg	Grid Value	1.156	UCL95
15	1	SOU015-011	Technetium-99	1.36	pCi/g	Grid Value	106.3	UCL95
15	1	SOU015-017	Technetium-99	46.515	pCi/g	Avg	106.3	UCL95
15	1	SOU015-016	Technetium-99	46.515	pCi/g	Avg	106.3	UCL95
15	1	SOU015-015	Technetium-99	46.515	pCi/g	Avg	106.3	UCL95
15	1	SOU015-010	Technetium-99	46.515	pCi/g	Avg	106.3	UCL95
15	1	SOU015-009	Technetium-99	46.515	pCi/g	Avg	106.3	UCL95
15	1	SOU015-008	Technetium-99	46.515	pCi/g	Avg	106.3	UCL95
15	1	SOU015-018	Technetium-99	183	pCi/g	Grid Value	106.3	UCL95
15	1	SOU015-002	Technetium-99	1.72	pCi/g	Grid Value	106.3	UCL95
15	1	SOU015-004	Technetium-99	46.515	pCi/g	Avg	106.3	UCL95
15	1	SOU015-003	Technetium-99	-0.02	pCi/g	Grid Value	106.3	UCL95
15	1	SOU015-001	Technetium-99	46.515	pCi/g	Avg	106.3	UCL95
15	1	SOU015-001	Thallium	6.652	mg/kg	Avg	13.1	UCL95
15	1	SOU015-017	Thallium	0.51	mg/kg	Grid Value	13.1	UCL95
15	1	SOU015-018	Thallium	16.5	mg/kg	Grid Value	13.1	UCL95
15	1	SOU015-004	Thallium	6.652	mg/kg	Avg	13.1	UCL95
15	1	SOU015-002	Thallium	0.24	mg/kg	Grid Value	13.1	UCL95
15	1	SOU015-003	Thallium	0.61	mg/kg	Grid Value	13.1	UCL95
15	1	SOU015-015	Thallium	6.652	mg/kg	Avg	13.1	UCL95
15	1	SOU015-011	Thallium	15.4	mg/kg	Grid Value	13.1	UCL95
15	1	SOU015-010	Thallium	6.652	mg/kg	Avg	13.1	UCL95
15	1	SOU015-009	Thallium	6.652	mg/kg	Avg	13.1	UCL95
15	1	SOU015-008	Thallium	6.652	mg/kg	Avg	13.1	UCL95
15	1	SOU015-016	Thallium	6.652	mg/kg	Avg	13.1	UCL95
15	1	SOU015-001	Uranium	20	mg/kg	Grid Value	32.26	UCL95
15	1	SOU015-015	Uranium	20	mg/kg	Grid Value	32.26	UCL95
15	1	SOU015-011	Uranium	45.33	mg/kg	Grid Value	32.26	UCL95
15	1	SOU015-010	Uranium	18.61	mg/kg	Grid Value	32.26	UCL95
15	1	SOU015-009	Uranium	20	mg/kg	Grid Value	32.26	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
15	1	SOU015-008	Uranium	7.66	mg/kg	Grid Value	32.26	UCL95
15	1	SOU015-004	Uranium	15.05	mg/kg	Grid Value	32.26	UCL95
15	1	SOU015-016	Uranium	12.61	mg/kg	Grid Value	32.26	UCL95
15	1	SOU015-002	Uranium	6.9	mg/kg	Grid Value	32.26	UCL95
15	1	SOU015-018	Uranium	42.19	mg/kg	Grid Value	32.26	UCL95
15	1	SOU015-003	Uranium	7.82	mg/kg	Grid Value	32.26	UCL95
15	1	SOU015-017	Uranium	39.48	mg/kg	Grid Value	32.26	UCL95
15	1	SOU015-016	Uranium-238	1.14725	pCi/g	Avg	1.295	UCL95
15	1	SOU015-015	Uranium-238	1.14725	pCi/g	Avg	1.295	UCL95
15	1	SOU015-018	Uranium-238	1.31	pCi/g	Grid Value	1.295	UCL95
15	1	SOU015-011	Uranium-238	0.711	pCi/g	Grid Value	1.295	UCL95
15	1	SOU015-010	Uranium-238	1.14725	pCi/g	Avg	1.295	UCL95
15	1	SOU015-009	Uranium-238	1.14725	pCi/g	Avg	1.295	UCL95
15	1	SOU015-008	Uranium-238	1.14725	pCi/g	Avg	1.295	UCL95
15	1	SOU015-004	Uranium-238	1.14725	pCi/g	Avg	1.295	UCL95
15	1	SOU015-003	Uranium-238	0.718	pCi/g	Grid Value	1.295	UCL95
15	1	SOU015-017	Uranium-238	1.14725	pCi/g	Avg	1.295	UCL95
15	1	SOU015-002	Uranium-238	1.85	pCi/g	Grid Value	1.295	UCL95
15	1	SOU015-001	Uranium-238	1.14725	pCi/g	Avg	1.295	UCL95
15	1	SOU015-001	Vanadium	83.44	mg/kg	Grid Value	84.03	UCL95
15	1	SOU015-004	Vanadium	70	mg/kg	Grid Value	84.03	UCL95
15	1	SOU015-017	Vanadium	29.2	mg/kg	Grid Value	84.03	UCL95
15	1	SOU015-016	Vanadium	70	mg/kg	Grid Value	84.03	UCL95
15	1	SOU015-015	Vanadium	70	mg/kg	Grid Value	84.03	UCL95
15	1	SOU015-011	Vanadium	18.9	mg/kg	Grid Value	84.03	UCL95
15	1	SOU015-010	Vanadium	70	mg/kg	Grid Value	84.03	UCL95
15	1	SOU015-008	Vanadium	70	mg/kg	Grid Value	84.03	UCL95
15	1	SOU015-003	Vanadium	29.1	mg/kg	Grid Value	84.03	UCL95
15	1	SOU015-002	Vanadium	29.6	mg/kg	Grid Value	84.03	UCL95
15	1	SOU015-018	Vanadium	11.6	mg/kg	Grid Value	84.03	UCL95
15	1	SOU015-009	Vanadium	70	mg/kg	Grid Value	84.03	UCL95
15	10	SOU015-107	Antimony	83.08	mg/kg	Grid Value	125.93	Maximum
15	10	SOU015-109	Antimony	125.93	mg/kg	Grid Value	125.93	Maximum
15	10	SOU015-110	Antimony	71.18	mg/kg	Grid Value	125.93	Maximum
15	10	SOU015-111	Antimony	79.63	mg/kg	Grid Value	125.93	Maximum
15	10	SOU015-112	Antimony	79.42	mg/kg	Grid Value	125.93	Maximum
15	10	SOU015-113	Antimony	98.54	mg/kg	Grid Value	125.93	Maximum
15	10	SOU015-108	Antimony	81.74	mg/kg	Grid Value	125.93	Maximum
15	10	SOU015-116	Antimony	117.15	mg/kg	Grid Value	125.93	Maximum
15	10	SOU015-117	Antimony	124.94	mg/kg	Grid Value	125.93	Maximum
15	10	SOU015-106	Antimony	105.9	mg/kg	Grid Value	125.93	Maximum
15	10	SOU015-115	Antimony	89.26	mg/kg	Grid Value	125.93	Maximum
15	10	SOU015-115	Arsenic	11	mg/kg	Grid Value	9.75	Maximum
15	10	SOU015-113	Arsenic	9.16	mg/kg	Grid Value	9.75	Maximum
15	10	SOU015-116	Arsenic	8.5	mg/kg	Grid Value	9.75	Maximum
15	10	SOU015-110	Arsenic	5.1	mg/kg	Grid Value	9.75	Maximum
15	10	SOU015-111	Arsenic	7.95	mg/kg	Grid Value	9.75	Maximum
15	10	SOU015-109	Arsenic	9.75	mg/kg	Grid Value	9.75	Maximum

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
15	10	SOU015-106	Arsenic	6.89	mg/kg	Grid Value	9.75	Maximum
15	10	SOU015-108	Arsenic	11	mg/kg	Grid Value	9.75	Maximum
15	10	SOU015-107	Arsenic	9.42	mg/kg	Grid Value	9.75	Maximum
15	10	SOU015-117	Arsenic	9.37	mg/kg	Grid Value	9.75	Maximum
15	10	SOU015-112	Arsenic	8.68	mg/kg	Grid Value	9.75	Maximum
15	10	SOU015-111	Cadmium	0.07	mg/kg	Grid Value	16.7	Maximum
15	10	SOU015-117	Cadmium	12	mg/kg	Grid Value	16.7	Maximum
15	10	SOU015-116	Cadmium	12	mg/kg	Grid Value	16.7	Maximum
15	10	SOU015-115	Cadmium	12	mg/kg	Grid Value	16.7	Maximum
15	10	SOU015-112	Cadmium	12	mg/kg	Grid Value	16.7	Maximum
15	10	SOU015-110	Cadmium	0.038	mg/kg	Grid Value	16.7	Maximum
15	10	SOU015-109	Cadmium	12	mg/kg	Grid Value	16.7	Maximum
15	10	SOU015-108	Cadmium	12	mg/kg	Grid Value	16.7	Maximum
15	10	SOU015-107	Cadmium	12	mg/kg	Grid Value	16.7	Maximum
15	10	SOU015-106	Cadmium	16.7	mg/kg	Grid Value	16.7	Maximum
15	10	SOU015-113	Cadmium	15.01	mg/kg	Grid Value	16.7	Maximum
15	10	SOU015-112	Chromium	34.41	mg/kg	Grid Value	62.91	Maximum
15	10	SOU015-115	Chromium	85	mg/kg	Grid Value	62.91	Maximum
15	10	SOU015-116	Chromium	85	mg/kg	Grid Value	62.91	Maximum
15	10	SOU015-113	Chromium	37	mg/kg	Grid Value	62.91	Maximum
15	10	SOU015-110	Chromium	13.2	mg/kg	Grid Value	62.91	Maximum
15	10	SOU015-106	Chromium	37.9	mg/kg	Grid Value	62.91	Maximum
15	10	SOU015-109	Chromium	62.91	mg/kg	Grid Value	62.91	Maximum
15	10	SOU015-108	Chromium	85	mg/kg	Grid Value	62.91	Maximum
15	10	SOU015-117	Chromium	85	mg/kg	Grid Value	62.91	Maximum
15	10	SOU015-107	Chromium	85	mg/kg	Grid Value	62.91	Maximum
15	10	SOU015-111	Chromium	38.02	mg/kg	Grid Value	62.91	Maximum
15	10	SOU015-108	Mercury	7.84	mg/kg	Grid Value	7.84	Maximum
15	10	SOU015-115	Mercury	10	mg/kg	Grid Value	7.84	Maximum
15	10	SOU015-116	Mercury	10	mg/kg	Grid Value	7.84	Maximum
15	10	SOU015-113	Mercury	10	mg/kg	Grid Value	7.84	Maximum
15	10	SOU015-111	Mercury	0.035	mg/kg	Grid Value	7.84	Maximum
15	10	SOU015-109	Mercury	10	mg/kg	Grid Value	7.84	Maximum
15	10	SOU015-112	Mercury	10	mg/kg	Grid Value	7.84	Maximum
15	10	SOU015-117	Mercury	10	mg/kg	Grid Value	7.84	Maximum
15	10	SOU015-107	Mercury	6.41	mg/kg	Grid Value	7.84	Maximum
15	10	SOU015-106	Mercury	0.0537	mg/kg	Grid Value	7.84	Maximum
15	10	SOU015-110	Mercury	0.0113	mg/kg	Grid Value	7.84	Maximum
15	10	SOU015-106	Nickel	197.91	mg/kg	Grid Value	226.39	Maximum
15	10	SOU015-108	Nickel	226.39	mg/kg	Grid Value	226.39	Maximum
15	10	SOU015-109	Nickel	83.18	mg/kg	Grid Value	226.39	Maximum
15	10	SOU015-110	Nickel	222.05	mg/kg	Grid Value	226.39	Maximum
15	10	SOU015-111	Nickel	95.18	mg/kg	Grid Value	226.39	Maximum
15	10	SOU015-112	Nickel	65	mg/kg	Grid Value	226.39	Maximum
15	10	SOU015-107	Nickel	137.06	mg/kg	Grid Value	226.39	Maximum
15	10	SOU015-115	Nickel	123.95	mg/kg	Grid Value	226.39	Maximum
15	10	SOU015-116	Nickel	108.87	mg/kg	Grid Value	226.39	Maximum
15	10	SOU015-117	Nickel	65	mg/kg	Grid Value	226.39	Maximum

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
15	10	SOU015-113	Nickel	6.50E+01	mg/kg	Grid Value	226.39	Maximum
15	10	SOU015-113	PAH, Total	7.50E-02	mg/kg	Avg	0.128447	Maximum
15	10	SOU015-106	PAH, Total	5.57E-02	mg/kg	Grid Value	0.128447	Maximum
15	10	SOU015-115	PAH, Total	7.50E-02	mg/kg	Avg	0.128447	Maximum
15	10	SOU015-117	PAH, Total	7.50E-02	mg/kg	Avg	0.128447	Maximum
15	10	SOU015-112	PAH, Total	7.50E-02	mg/kg	Avg	0.128447	Maximum
15	10	SOU015-111	PAH, Total	0.128447	mg/kg	Grid Value	0.128447	Maximum
15	10	SOU015-110	PAH, Total	4.09E-02	mg/kg	Grid Value	0.128447	Maximum
15	10	SOU015-109	PAH, Total	7.50E-02	mg/kg	Avg	0.128447	Maximum
15	10	SOU015-108	PAH, Total	7.50E-02	mg/kg	Avg	0.128447	Maximum
15	10	SOU015-107	PAH, Total	7.50E-02	mg/kg	Avg	0.128447	Maximum
15	10	SOU015-116	PAH, Total	7.50E-02	mg/kg	Avg	0.128447	Maximum
15	10	SOU015-117	Uranium	74.65	mg/kg	Grid Value	90.15	Maximum
15	10	SOU015-116	Uranium	90.15	mg/kg	Grid Value	90.15	Maximum
15	10	SOU015-115	Uranium	12.89	mg/kg	Grid Value	90.15	Maximum
15	10	SOU015-109	Uranium	20	mg/kg	Grid Value	90.15	Maximum
15	10	SOU015-113	Uranium	20	mg/kg	Grid Value	90.15	Maximum
15	10	SOU015-110	Uranium	11.21	mg/kg	Grid Value	90.15	Maximum
15	10	SOU015-108	Uranium	20	mg/kg	Grid Value	90.15	Maximum
15	10	SOU015-107	Uranium	20	mg/kg	Grid Value	90.15	Maximum
15	10	SOU015-106	Uranium	3.8	mg/kg	Grid Value	90.15	Maximum
15	10	SOU015-112	Uranium	20	mg/kg	Grid Value	90.15	Maximum
15	10	SOU015-111	Uranium	2.74	mg/kg	Grid Value	90.15	Maximum
15	2	SOU015-006	Aluminum	16800	mg/kg	Grid Value	16800	Maximum
15	2	SOU015-019	Aluminum	6410	mg/kg	Grid Value	16800	Maximum
15	2	SOU015-014	Aluminum	6670	mg/kg	Grid Value	16800	Maximum
15	2	SOU015-013	Aluminum	8762	mg/kg	Avg	16800	Maximum
15	2	SOU015-007	Aluminum	8310	mg/kg	Grid Value	16800	Maximum
15	2	SOU015-005	Aluminum	8762	mg/kg	Avg	16800	Maximum
15	2	SOU015-021	Aluminum	5620	mg/kg	Grid Value	16800	Maximum
15	2	SOU015-020	Aluminum	8762	mg/kg	Avg	16800	Maximum
15	2	SOU015-012	Aluminum	8762	mg/kg	Avg	16800	Maximum
15	2	SOU015-021	Antimony	98.31	mg/kg	Grid Value	107.93	Maximum
15	2	SOU015-019	Antimony	107.93	mg/kg	Grid Value	107.93	Maximum
15	2	SOU015-014	Antimony	46.42	mg/kg	Grid Value	107.93	Maximum
15	2	SOU015-006	Antimony	0.61	mg/kg	Grid Value	107.93	Maximum
15	2	SOU015-007	Antimony	81.15	mg/kg	Grid Value	107.93	Maximum
15	2	SOU015-012	Antimony	92.37	mg/kg	Grid Value	107.93	Maximum
15	2	SOU015-013	Antimony	68.89	mg/kg	Grid Value	107.93	Maximum
15	2	SOU015-020	Antimony	62.94	mg/kg	Grid Value	107.93	Maximum
15	2	SOU015-005	Antimony	77.97	mg/kg	Grid Value	107.93	Maximum
15	2	SOU015-019	Arsenic	11	mg/kg	Grid Value	16.26	Maximum
15	2	SOU015-014	Arsenic	11	mg/kg	Grid Value	16.26	Maximum
15	2	SOU015-013	Arsenic	9.99	mg/kg	Grid Value	16.26	Maximum
15	2	SOU015-012	Arsenic	16.18	mg/kg	Grid Value	16.26	Maximum
15	2	SOU015-007	Arsenic	7.7	mg/kg	Grid Value	16.26	Maximum
15	2	SOU015-005	Arsenic	16.26	mg/kg	Grid Value	16.26	Maximum
15	2	SOU015-021	Arsenic	11.84	mg/kg	Grid Value	16.26	Maximum

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
15	2	SOU015-020	Arsenic	7.1	mg/kg	Grid Value	16.26	Maximum
15	2	SOU015-006	Arsenic	9.48	mg/kg	Grid Value	16.26	Maximum
15	2	SOU015-014	Cadmium	1.6	mg/kg	Grid Value	15.14	Maximum
15	2	SOU015-007	Cadmium	0.14	mg/kg	Grid Value	15.14	Maximum
15	2	SOU015-021	Cadmium	1.53	mg/kg	Grid Value	15.14	Maximum
15	2	SOU015-019	Cadmium	15.14	mg/kg	Grid Value	15.14	Maximum
15	2	SOU015-012	Cadmium	12	mg/kg	Grid Value	15.14	Maximum
15	2	SOU015-005	Cadmium	12	mg/kg	Grid Value	15.14	Maximum
15	2	SOU015-006	Cadmium	0.036	mg/kg	Grid Value	15.14	Maximum
15	2	SOU015-020	Cadmium	12	mg/kg	Grid Value	15.14	Maximum
15	2	SOU015-013	Cadmium	12	mg/kg	Grid Value	15.14	Maximum
15	2	SOU015-013	Chromium	85	mg/kg	Grid Value	59	Maximum
15	2	SOU015-021	Chromium	46.94	mg/kg	Grid Value	59	Maximum
15	2	SOU015-020	Chromium	59	mg/kg	Grid Value	59	Maximum
15	2	SOU015-014	Chromium	8.62	mg/kg	Grid Value	59	Maximum
15	2	SOU015-012	Chromium	85	mg/kg	Grid Value	59	Maximum
15	2	SOU015-007	Chromium	41.41	mg/kg	Grid Value	59	Maximum
15	2	SOU015-006	Chromium	23.5	mg/kg	Grid Value	59	Maximum
15	2	SOU015-005	Chromium	40.79	mg/kg	Grid Value	59	Maximum
15	2	SOU015-019	Chromium	38.38	mg/kg	Grid Value	59	Maximum
15	2	SOU015-019	Iron	34674.5	mg/kg	Grid Value	38889.2	Maximum
15	2	SOU015-005	Iron	38889.2	mg/kg	Grid Value	38889.2	Maximum
15	2	SOU015-006	Iron	24600	mg/kg	Grid Value	38889.2	Maximum
15	2	SOU015-007	Iron	22800	mg/kg	Grid Value	38889.2	Maximum
15	2	SOU015-012	Iron	34298.88	mg/kg	Grid Value	38889.2	Maximum
15	2	SOU015-014	Iron	28387.3	mg/kg	Grid Value	38889.2	Maximum
15	2	SOU015-020	Iron	30458.96	mg/kg	Grid Value	38889.2	Maximum
15	2	SOU015-021	Iron	30367.71	mg/kg	Grid Value	38889.2	Maximum
15	2	SOU015-013	Iron	27900.5	mg/kg	Grid Value	38889.2	Maximum
15	2	SOU015-005	Manganese	623.49	mg/kg	Grid Value	1370.76	Maximum
15	2	SOU015-006	Manganese	561.14	mg/kg	Grid Value	1370.76	Maximum
15	2	SOU015-007	Manganese	315.26	mg/kg	Grid Value	1370.76	Maximum
15	2	SOU015-012	Manganese	479.62	mg/kg	Grid Value	1370.76	Maximum
15	2	SOU015-013	Manganese	371.07	mg/kg	Grid Value	1370.76	Maximum
15	2	SOU015-014	Manganese	426.88	mg/kg	Grid Value	1370.76	Maximum
15	2	SOU015-019	Manganese	533.68	mg/kg	Grid Value	1370.76	Maximum
15	2	SOU015-020	Manganese	1370.76	mg/kg	Grid Value	1370.76	Maximum
15	2	SOU015-021	Manganese	429.97	mg/kg	Grid Value	1370.76	Maximum
15	2	SOU015-007	Mercury	0.0334	mg/kg	Grid Value	9.33	Maximum
15	2	SOU015-006	Mercury	0.0334	mg/kg	Grid Value	9.33	Maximum
15	2	SOU015-012	Mercury	8.62	mg/kg	Grid Value	9.33	Maximum
15	2	SOU015-013	Mercury	10	mg/kg	Grid Value	9.33	Maximum
15	2	SOU015-014	Mercury	0.2	mg/kg	Grid Value	9.33	Maximum
15	2	SOU015-019	Mercury	0.2	mg/kg	Grid Value	9.33	Maximum
15	2	SOU015-020	Mercury	9.33	mg/kg	Grid Value	9.33	Maximum
15	2	SOU015-021	Mercury	1.2	mg/kg	Grid Value	9.33	Maximum
15	2	SOU015-005	Mercury	10	mg/kg	Grid Value	9.33	Maximum
15	2	SOU015-020	Neptunium-237	0.114085	pCi/g	Avg	0.556	Maximum

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
15	2	SOU015-005	Neptunium-237	0.114085	pCi/g	Avg	0.556	Maximum
15	2	SOU015-021	Neptunium-237	0.556	pCi/g	Grid Value	0.556	Maximum
15	2	SOU015-019	Neptunium-237	-0.00525	pCi/g	Grid Value	0.556	Maximum
15	2	SOU015-013	Neptunium-237	0.135	pCi/g	Grid Value	0.556	Maximum
15	2	SOU015-012	Neptunium-237	0.114085	pCi/g	Avg	0.556	Maximum
15	2	SOU015-007	Neptunium-237	0.000642	pCi/g	Grid Value	0.556	Maximum
15	2	SOU015-014	Neptunium-237	1.61E-05	pCi/g	Grid Value	0.556	Maximum
15	2	SOU015-006	Neptunium-237	-0.0019	pCi/g	Grid Value	0.556	Maximum
15	2	SOU015-005	Nickel	73.79	mg/kg	Grid Value	374.75	Maximum
15	2	SOU015-020	Nickel	185.32	mg/kg	Grid Value	374.75	Maximum
15	2	SOU015-019	Nickel	374.75	mg/kg	Grid Value	374.75	Maximum
15	2	SOU015-014	Nickel	187.68	mg/kg	Grid Value	374.75	Maximum
15	2	SOU015-013	Nickel	197.26	mg/kg	Grid Value	374.75	Maximum
15	2	SOU015-012	Nickel	113.81	mg/kg	Grid Value	374.75	Maximum
15	2	SOU015-007	Nickel	12	mg/kg	Grid Value	374.75	Maximum
15	2	SOU015-006	Nickel	89.18	mg/kg	Grid Value	374.75	Maximum
15	2	SOU015-021	Nickel	147.34	mg/kg	Grid Value	374.75	Maximum
15	2	SOU015-012	PAH, Total	0.7151	mg/kg	Avg	2.1078	Maximum
15	2	SOU015-021	PAH, Total	0.49	mg/kg	Grid Value	2.1078	Maximum
15	2	SOU015-020	PAH, Total	0.7151	mg/kg	Avg	2.1078	Maximum
15	2	SOU015-019	PAH, Total	0.48	mg/kg	Grid Value	2.1078	Maximum
15	2	SOU015-014	PAH, Total	0.49	mg/kg	Grid Value	2.1078	Maximum
15	2	SOU015-013	PAH, Total	0.7151	mg/kg	Avg	2.1078	Maximum
15	2	SOU015-007	PAH, Total	2.1078	mg/kg	Grid Value	2.1078	Maximum
15	2	SOU015-005	PAH, Total	0.7151	mg/kg	Avg	2.1078	Maximum
15	2	SOU015-006	PAH, Total	0.0077	mg/kg	Grid Value	2.1078	Maximum
15	2	SOU015-012	PCB, Total	5	mg/kg	Grid Value	0.33	Maximum
15	2	SOU015-021	PCB, Total	0.13	mg/kg	Grid Value	0.33	Maximum
15	2	SOU015-020	PCB, Total	5	mg/kg	Grid Value	0.33	Maximum
15	2	SOU015-019	PCB, Total	0.13	mg/kg	Grid Value	0.33	Maximum
15	2	SOU015-013	PCB, Total	5	mg/kg	Grid Value	0.33	Maximum
15	2	SOU015-007	PCB, Total	0.33	mg/kg	Grid Value	0.33	Maximum
15	2	SOU015-006	PCB, Total	0.35	mg/kg	Grid Value	0.33	Maximum
15	2	SOU015-005	PCB, Total	5	mg/kg	Grid Value	0.33	Maximum
15	2	SOU015-014	PCB, Total	0.13	mg/kg	Grid Value	0.33	Maximum
15	2	SOU015-005	Thallium	9.402	mg/kg	Avg	0.35	Maximum
15	2	SOU015-021	Thallium	15.3	mg/kg	Grid Value	0.35	Maximum
15	2	SOU015-020	Thallium	9.402	mg/kg	Avg	0.35	Maximum
15	2	SOU015-019	Thallium	15.2	mg/kg	Grid Value	0.35	Maximum
15	2	SOU015-014	Thallium	16	mg/kg	Grid Value	0.35	Maximum
15	2	SOU015-013	Thallium	9.402	mg/kg	Avg	0.35	Maximum
15	2	SOU015-012	Thallium	9.402	mg/kg	Avg	0.35	Maximum
15	2	SOU015-007	Thallium	0.16	mg/kg	Grid Value	0.35	Maximum
15	2	SOU015-006	Thallium	0.35	mg/kg	Grid Value	0.35	Maximum
15	2	SOU015-013	Uranium	131.7	mg/kg	Grid Value	131.7	Maximum
15	2	SOU015-021	Uranium	87.85	mg/kg	Grid Value	131.7	Maximum
15	2	SOU015-005	Uranium	32.23	mg/kg	Grid Value	131.7	Maximum
15	2	SOU015-020	Uranium	87.1	mg/kg	Grid Value	131.7	Maximum

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
15	2	SOU015-019	Uranium	44.5	mg/kg	Grid Value	131.7	Maximum
15	2	SOU015-014	Uranium	87.36	mg/kg	Grid Value	131.7	Maximum
15	2	SOU015-007	Uranium	7.59	mg/kg	Grid Value	131.7	Maximum
15	2	SOU015-012	Uranium	96.02	mg/kg	Grid Value	131.7	Maximum
15	2	SOU015-006	Uranium	2.07	mg/kg	Grid Value	131.7	Maximum
15	2	SOU015-005	Uranium-234	1.949	pCi/g	Avg	6.51	Maximum
15	2	SOU015-006	Uranium-234	0.668	pCi/g	Grid Value	6.51	Maximum
15	2	SOU015-020	Uranium-234	1.949	pCi/g	Avg	6.51	Maximum
15	2	SOU015-019	Uranium-234	0.536	pCi/g	Grid Value	6.51	Maximum
15	2	SOU015-014	Uranium-234	0.74	pCi/g	Grid Value	6.51	Maximum
15	2	SOU015-013	Uranium-234	6.51	pCi/g	Grid Value	6.51	Maximum
15	2	SOU015-012	Uranium-234	1.949	pCi/g	Avg	6.51	Maximum
15	2	SOU015-007	Uranium-234	1.28	pCi/g	Grid Value	6.51	Maximum
15	2	SOU015-021	Uranium-234	1.96	pCi/g	Grid Value	6.51	Maximum
15	2	SOU015-005	Uranium-235	0.115233	pCi/g	Avg	0.38	Maximum
15	2	SOU015-020	Uranium-235	0.115233	pCi/g	Avg	0.38	Maximum
15	2	SOU015-019	Uranium-235	0.0161	pCi/g	Grid Value	0.38	Maximum
15	2	SOU015-014	Uranium-235	0.0443	pCi/g	Grid Value	0.38	Maximum
15	2	SOU015-013	Uranium-235	0.38	pCi/g	Grid Value	0.38	Maximum
15	2	SOU015-012	Uranium-235	0.115233	pCi/g	Avg	0.38	Maximum
15	2	SOU015-007	Uranium-235	0.097	pCi/g	Grid Value	0.38	Maximum
15	2	SOU015-006	Uranium-235	0.045	pCi/g	Grid Value	0.38	Maximum
15	2	SOU015-021	Uranium-235	0.109	pCi/g	Grid Value	0.38	Maximum
15	2	SOU015-014	Uranium-238	0.892	pCi/g	Grid Value	12.1	Maximum
15	2	SOU015-019	Uranium-238	0.59	pCi/g	Grid Value	12.1	Maximum
15	2	SOU015-013	Uranium-238	12.1	pCi/g	Grid Value	12.1	Maximum
15	2	SOU015-012	Uranium-238	3.041833	pCi/g	Avg	12.1	Maximum
15	2	SOU015-007	Uranium-238	1.96	pCi/g	Grid Value	12.1	Maximum
15	2	SOU015-006	Uranium-238	0.689	pCi/g	Grid Value	12.1	Maximum
15	2	SOU015-005	Uranium-238	3.041833	pCi/g	Avg	12.1	Maximum
15	2	SOU015-020	Uranium-238	3.041833	pCi/g	Avg	12.1	Maximum
15	2	SOU015-021	Uranium-238	2.02	pCi/g	Grid Value	12.1	Maximum
15	2	SOU015-021	Vanadium	93.8	mg/kg	Grid Value	93.8	Maximum
15	2	SOU015-006	Vanadium	37.2	mg/kg	Grid Value	93.8	Maximum
15	2	SOU015-007	Vanadium	32.7	mg/kg	Grid Value	93.8	Maximum
15	2	SOU015-012	Vanadium	70	mg/kg	Grid Value	93.8	Maximum
15	2	SOU015-013	Vanadium	70	mg/kg	Grid Value	93.8	Maximum
15	2	SOU015-014	Vanadium	78.35	mg/kg	Grid Value	93.8	Maximum
15	2	SOU015-019	Vanadium	18.1	mg/kg	Grid Value	93.8	Maximum
15	2	SOU015-020	Vanadium	70	mg/kg	Grid Value	93.8	Maximum
15	2	SOU015-005	Vanadium	70	mg/kg	Grid Value	93.8	Maximum
15	3	SOU015-025	Antimony	119.9	mg/kg	Grid Value	115	UCL95
15	3	SOU015-033	Antimony	93.35	mg/kg	Grid Value	115	UCL95
15	3	SOU015-041	Antimony	168.73	mg/kg	Grid Value	115	UCL95
15	3	SOU015-040	Antimony	66.16	mg/kg	Grid Value	115	UCL95
15	3	SOU015-039	Antimony	73.89	mg/kg	Grid Value	115	UCL95
15	3	SOU015-038	Antimony	63.94	mg/kg	Grid Value	115	UCL95
15	3	SOU015-032	Antimony	159.13	mg/kg	Grid Value	115	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
15	3	SOU015-030	Antimony	112.15	mg/kg	Grid Value	115	UCL95
15	3	SOU015-024	Antimony	64.36	mg/kg	Grid Value	115	UCL95
15	3	SOU015-023	Antimony	80.39	mg/kg	Grid Value	115	UCL95
15	3	SOU015-022	Antimony	76.04	mg/kg	Grid Value	115	UCL95
15	3	SOU015-031	Antimony	74.56	mg/kg	Grid Value	115	UCL95
15	3	SOU015-033	Arsenic	21.8	mg/kg	Grid Value	36.51	UCL95
15	3	SOU015-024	Arsenic	18.63	mg/kg	Grid Value	36.51	UCL95
15	3	SOU015-040	Arsenic	21.57	mg/kg	Grid Value	36.51	UCL95
15	3	SOU015-039	Arsenic	5.98	mg/kg	Grid Value	36.51	UCL95
15	3	SOU015-038	Arsenic	8.47	mg/kg	Grid Value	36.51	UCL95
15	3	SOU015-041	Arsenic	111.35	mg/kg	Grid Value	36.51	UCL95
15	3	SOU015-031	Arsenic	18.59	mg/kg	Grid Value	36.51	UCL95
15	3	SOU015-025	Arsenic	9.98	mg/kg	Grid Value	36.51	UCL95
15	3	SOU015-023	Arsenic	13.68	mg/kg	Grid Value	36.51	UCL95
15	3	SOU015-022	Arsenic	6.69	mg/kg	Grid Value	36.51	UCL95
15	3	SOU015-032	Arsenic	8.06	mg/kg	Grid Value	36.51	UCL95
15	3	SOU015-030	Arsenic	15.21	mg/kg	Grid Value	36.51	UCL95
15	3	SOU015-030	Cadmium	14.2	mg/kg	Grid Value	18.94	UCL95
15	3	SOU015-041	Cadmium	12	mg/kg	Grid Value	18.94	UCL95
15	3	SOU015-040	Cadmium	1.62	mg/kg	Grid Value	18.94	UCL95
15	3	SOU015-039	Cadmium	12	mg/kg	Grid Value	18.94	UCL95
15	3	SOU015-038	Cadmium	12	mg/kg	Grid Value	18.94	UCL95
15	3	SOU015-033	Cadmium	11.9	mg/kg	Grid Value	18.94	UCL95
15	3	SOU015-031	Cadmium	12	mg/kg	Grid Value	18.94	UCL95
15	3	SOU015-025	Cadmium	17.84	mg/kg	Grid Value	18.94	UCL95
15	3	SOU015-024	Cadmium	12	mg/kg	Grid Value	18.94	UCL95
15	3	SOU015-023	Cadmium	1.81	mg/kg	Grid Value	18.94	UCL95
15	3	SOU015-022	Cadmium	1.67	mg/kg	Grid Value	18.94	UCL95
15	3	SOU015-032	Cadmium	22.12	mg/kg	Grid Value	18.94	UCL95
15	3	SOU015-032	Chromium	119.13	mg/kg	Grid Value	81.3	UCL95
15	3	SOU015-040	Chromium	53.52	mg/kg	Grid Value	81.3	UCL95
15	3	SOU015-039	Chromium	47.68	mg/kg	Grid Value	81.3	UCL95
15	3	SOU015-041	Chromium	53.87	mg/kg	Grid Value	81.3	UCL95
15	3	SOU015-033	Chromium	112	mg/kg	Grid Value	81.3	UCL95
15	3	SOU015-030	Chromium	85	mg/kg	Grid Value	81.3	UCL95
15	3	SOU015-025	Chromium	65.16	mg/kg	Grid Value	81.3	UCL95
15	3	SOU015-024	Chromium	44.22	mg/kg	Grid Value	81.3	UCL95
15	3	SOU015-023	Chromium	29.5	mg/kg	Grid Value	81.3	UCL95
15	3	SOU015-022	Chromium	63.02	mg/kg	Grid Value	81.3	UCL95
15	3	SOU015-038	Chromium	85	mg/kg	Grid Value	81.3	UCL95
15	3	SOU015-031	Chromium	43.34	mg/kg	Grid Value	81.3	UCL95
15	3	SOU015-030	Cobalt	20.75	mg/kg	Avg	23.7	UCL95
15	3	SOU015-041	Cobalt	20.75	mg/kg	Avg	23.7	UCL95
15	3	SOU015-040	Cobalt	20.75	mg/kg	Avg	23.7	UCL95
15	3	SOU015-039	Cobalt	20.75	mg/kg	Avg	23.7	UCL95
15	3	SOU015-038	Cobalt	20.75	mg/kg	Avg	23.7	UCL95
15	3	SOU015-033	Cobalt	34.1	mg/kg	Grid Value	23.7	UCL95
15	3	SOU015-031	Cobalt	20.75	mg/kg	Avg	23.7	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
15	3	SOU015-025	Cobalt	7.4	mg/kg	Grid Value	23.7	UCL95
15	3	SOU015-024	Cobalt	20.75	mg/kg	Avg	23.7	UCL95
15	3	SOU015-023	Cobalt	20.75	mg/kg	Avg	23.7	UCL95
15	3	SOU015-022	Cobalt	20.75	mg/kg	Avg	23.7	UCL95
15	3	SOU015-032	Cobalt	20.75	mg/kg	Avg	23.7	UCL95
15	3	SOU015-033	Copper	4360	mg/kg	Grid Value	1599	UCL95
15	3	SOU015-030	Copper	27.22	mg/kg	Grid Value	1599	UCL95
15	3	SOU015-041	Copper	533.24	mg/kg	Grid Value	1599	UCL95
15	3	SOU015-040	Copper	540.53	mg/kg	Grid Value	1599	UCL95
15	3	SOU015-039	Copper	383.77	mg/kg	Grid Value	1599	UCL95
15	3	SOU015-038	Copper	35	mg/kg	Grid Value	1599	UCL95
15	3	SOU015-031	Copper	294.99	mg/kg	Grid Value	1599	UCL95
15	3	SOU015-022	Copper	22.56	mg/kg	Grid Value	1599	UCL95
15	3	SOU015-025	Copper	161	mg/kg	Grid Value	1599	UCL95
15	3	SOU015-024	Copper	281.4	mg/kg	Grid Value	1599	UCL95
15	3	SOU015-023	Copper	101.93	mg/kg	Grid Value	1599	UCL95
15	3	SOU015-032	Copper	507.41	mg/kg	Grid Value	1599	UCL95
15	3	SOU015-031	Iron	26201.17	mg/kg	Grid Value	95184	UCL95
15	3	SOU015-041	Iron	24764.09	mg/kg	Grid Value	95184	UCL95
15	3	SOU015-040	Iron	43598.51	mg/kg	Grid Value	95184	UCL95
15	3	SOU015-039	Iron	25837.15	mg/kg	Grid Value	95184	UCL95
15	3	SOU015-038	Iron	13417.6	mg/kg	Grid Value	95184	UCL95
15	3	SOU015-032	Iron	67761.05	mg/kg	Grid Value	95184	UCL95
15	3	SOU015-030	Iron	20872.19	mg/kg	Grid Value	95184	UCL95
15	3	SOU015-025	Iron	25600	mg/kg	Grid Value	95184	UCL95
15	3	SOU015-024	Iron	27915.78	mg/kg	Grid Value	95184	UCL95
15	3	SOU015-023	Iron	20090.99	mg/kg	Grid Value	95184	UCL95
15	3	SOU015-022	Iron	15779.09	mg/kg	Grid Value	95184	UCL95
15	3	SOU015-033	Iron	171000	mg/kg	Grid Value	95184	UCL95
15	3	SOU015-031	Manganese	655.5	mg/kg	Grid Value	1617	UCL95
15	3	SOU015-041	Manganese	495.86	mg/kg	Grid Value	1617	UCL95
15	3	SOU015-040	Manganese	977.37	mg/kg	Grid Value	1617	UCL95
15	3	SOU015-039	Manganese	459.71	mg/kg	Grid Value	1617	UCL95
15	3	SOU015-038	Manganese	366.56	mg/kg	Grid Value	1617	UCL95
15	3	SOU015-032	Manganese	723.13	mg/kg	Grid Value	1617	UCL95
15	3	SOU015-030	Manganese	487.21	mg/kg	Grid Value	1617	UCL95
15	3	SOU015-025	Manganese	507	mg/kg	Grid Value	1617	UCL95
15	3	SOU015-024	Manganese	451.65	mg/kg	Grid Value	1617	UCL95
15	3	SOU015-023	Manganese	704.56	mg/kg	Grid Value	1617	UCL95
15	3	SOU015-022	Manganese	501.86	mg/kg	Grid Value	1617	UCL95
15	3	SOU015-033	Manganese	2850	mg/kg	Grid Value	1617	UCL95
15	3	SOU015-023	Mercury	0.2	mg/kg	Grid Value	20.82	UCL95
15	3	SOU015-033	Mercury	2.74	mg/kg	Grid Value	20.82	UCL95
15	3	SOU015-040	Mercury	0.2	mg/kg	Grid Value	20.82	UCL95
15	3	SOU015-039	Mercury	10	mg/kg	Grid Value	20.82	UCL95
15	3	SOU015-041	Mercury	12.23	mg/kg	Grid Value	20.82	UCL95
15	3	SOU015-038	Mercury	10	mg/kg	Grid Value	20.82	UCL95
15	3	SOU015-031	Mercury	10	mg/kg	Grid Value	20.82	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
15	3	SOU015-030	Mercury	10	mg/kg	Grid Value	20.82	UCL95
15	3	SOU015-024	Mercury	10	mg/kg	Grid Value	20.82	UCL95
15	3	SOU015-022	Mercury	0.2	mg/kg	Grid Value	20.82	UCL95
15	3	SOU015-032	Mercury	10	mg/kg	Grid Value	20.82	UCL95
15	3	SOU015-025	Mercury	0.0238	mg/kg	Grid Value	20.82	UCL95
15	3	SOU015-023	Neptunium-237	0.013	pCi/g	Grid Value	4.061	UCL95
15	3	SOU015-041	Neptunium-237	0.99552	pCi/g	Avg	4.061	UCL95
15	3	SOU015-040	Neptunium-237	0.0319	pCi/g	Grid Value	4.061	UCL95
15	3	SOU015-039	Neptunium-237	0.99552	pCi/g	Avg	4.061	UCL95
15	3	SOU015-033	Neptunium-237	4.1	pCi/g	Grid Value	4.061	UCL95
15	3	SOU015-031	Neptunium-237	0.99552	pCi/g	Avg	4.061	UCL95
15	3	SOU015-030	Neptunium-237	0.99552	pCi/g	Avg	4.061	UCL95
15	3	SOU015-024	Neptunium-237	0.99552	pCi/g	Avg	4.061	UCL95
15	3	SOU015-022	Neptunium-237	0.0127	pCi/g	Grid Value	4.061	UCL95
15	3	SOU015-032	Neptunium-237	0.99552	pCi/g	Avg	4.061	UCL95
15	3	SOU015-025	Neptunium-237	0.82	pCi/g	Grid Value	4.061	UCL95
15	3	SOU015-038	Neptunium-237	0.99552	pCi/g	Avg	4.061	UCL95
15	3	SOU015-033	Nickel	2410	mg/kg	Grid Value	837.6	UCL95
15	3	SOU015-040	Nickel	326.08	mg/kg	Grid Value	837.6	UCL95
15	3	SOU015-022	Nickel	63.2	mg/kg	Grid Value	837.6	UCL95
15	3	SOU015-038	Nickel	65	mg/kg	Grid Value	837.6	UCL95
15	3	SOU015-041	Nickel	378.07	mg/kg	Grid Value	837.6	UCL95
15	3	SOU015-032	Nickel	451.46	mg/kg	Grid Value	837.6	UCL95
15	3	SOU015-031	Nickel	177.38	mg/kg	Grid Value	837.6	UCL95
15	3	SOU015-030	Nickel	65	mg/kg	Grid Value	837.6	UCL95
15	3	SOU015-025	Nickel	238.39	mg/kg	Grid Value	837.6	UCL95
15	3	SOU015-024	Nickel	213.12	mg/kg	Grid Value	837.6	UCL95
15	3	SOU015-023	Nickel	155.19	mg/kg	Grid Value	837.6	UCL95
15	3	SOU015-039	Nickel	274.85	mg/kg	Grid Value	837.6	UCL95
15	3	SOU015-038	PAH, Total	0.58802	mg/kg	Avg	0.985	UCL95
15	3	SOU015-033	PAH, Total	1.4541	mg/kg	Grid Value	0.985	UCL95
15	3	SOU015-032	PAH, Total	0.58802	mg/kg	Avg	0.985	UCL95
15	3	SOU015-031	PAH, Total	0.58802	mg/kg	Avg	0.985	UCL95
15	3	SOU015-030	PAH, Total	0.58802	mg/kg	Avg	0.985	UCL95
15	3	SOU015-025	PAH, Total	0.026	mg/kg	Grid Value	0.985	UCL95
15	3	SOU015-024	PAH, Total	0.58802	mg/kg	Avg	0.985	UCL95
15	3	SOU015-039	PAH, Total	0.58802	mg/kg	Avg	0.985	UCL95
15	3	SOU015-022	PAH, Total	0.49	mg/kg	Grid Value	0.985	UCL95
15	3	SOU015-041	PAH, Total	0.58802	mg/kg	Avg	0.985	UCL95
15	3	SOU015-023	PAH, Total	0.48	mg/kg	Grid Value	0.985	UCL95
15	3	SOU015-040	PAH, Total	0.49	mg/kg	Grid Value	0.985	UCL95
15	3	SOU015-041	PCB, Total	5	mg/kg	Grid Value	13.95	UCL95
15	3	SOU015-023	PCB, Total	0.13	mg/kg	Grid Value	13.95	UCL95
15	3	SOU015-024	PCB, Total	5	mg/kg	Grid Value	13.95	UCL95
15	3	SOU015-025	PCB, Total	0.41	mg/kg	Grid Value	13.95	UCL95
15	3	SOU015-030	PCB, Total	5	mg/kg	Grid Value	13.95	UCL95
15	3	SOU015-031	PCB, Total	5	mg/kg	Grid Value	13.95	UCL95
15	3	SOU015-032	PCB, Total	5	mg/kg	Grid Value	13.95	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
15	3	SOU015-033	PCB, Total	9.9	mg/kg	Grid Value	13.95	UCL95
15	3	SOU015-038	PCB, Total	5	mg/kg	Grid Value	13.95	UCL95
15	3	SOU015-039	PCB, Total	5	mg/kg	Grid Value	13.95	UCL95
15	3	SOU015-040	PCB, Total	10	mg/kg	Grid Value	13.95	UCL95
15	3	SOU015-022	PCB, Total	0.13	mg/kg	Grid Value	13.95	UCL95
15	3	SOU015-040	Technetium-99	19.1	pCi/g	Grid Value	208.4	UCL95
15	3	SOU015-022	Technetium-99	2.1	pCi/g	Grid Value	208.4	UCL95
15	3	SOU015-039	Technetium-99	90.6	pCi/g	Avg	208.4	UCL95
15	3	SOU015-038	Technetium-99	90.6	pCi/g	Avg	208.4	UCL95
15	3	SOU015-033	Technetium-99	367	pCi/g	Grid Value	208.4	UCL95
15	3	SOU015-031	Technetium-99	90.6	pCi/g	Avg	208.4	UCL95
15	3	SOU015-025	Technetium-99	44.7	pCi/g	Grid Value	208.4	UCL95
15	3	SOU015-024	Technetium-99	90.6	pCi/g	Avg	208.4	UCL95
15	3	SOU015-023	Technetium-99	20.1	pCi/g	Grid Value	208.4	UCL95
15	3	SOU015-030	Technetium-99	90.6	pCi/g	Avg	208.4	UCL95
15	3	SOU015-041	Technetium-99	90.6	pCi/g	Avg	208.4	UCL95
15	3	SOU015-032	Technetium-99	90.6	pCi/g	Avg	208.4	UCL95
15	3	SOU015-041	Thallium	9.804	mg/kg	Avg	16.38	UCL95
15	3	SOU015-022	Thallium	15.9	mg/kg	Grid Value	16.38	UCL95
15	3	SOU015-023	Thallium	16.3	mg/kg	Grid Value	16.38	UCL95
15	3	SOU015-024	Thallium	9.804	mg/kg	Avg	16.38	UCL95
15	3	SOU015-025	Thallium	0.36	mg/kg	Grid Value	16.38	UCL95
15	3	SOU015-030	Thallium	9.804	mg/kg	Avg	16.38	UCL95
15	3	SOU015-031	Thallium	9.804	mg/kg	Avg	16.38	UCL95
15	3	SOU015-032	Thallium	9.804	mg/kg	Avg	16.38	UCL95
15	3	SOU015-033	Thallium	0.26	mg/kg	Grid Value	16.38	UCL95
15	3	SOU015-038	Thallium	9.804	mg/kg	Avg	16.38	UCL95
15	3	SOU015-039	Thallium	9.804	mg/kg	Avg	16.38	UCL95
15	3	SOU015-040	Thallium	16.2	mg/kg	Grid Value	16.38	UCL95
15	3	SOU015-040	Thorium-230	0.483	pCi/g	Grid Value	4.611	UCL95
15	3	SOU015-023	Thorium-230	0.487	pCi/g	Grid Value	4.611	UCL95
15	3	SOU015-024	Thorium-230	2.4016	pCi/g	Avg	4.611	UCL95
15	3	SOU015-025	Thorium-230	3.08	pCi/g	Grid Value	4.611	UCL95
15	3	SOU015-030	Thorium-230	2.4016	pCi/g	Avg	4.611	UCL95
15	3	SOU015-031	Thorium-230	2.4016	pCi/g	Avg	4.611	UCL95
15	3	SOU015-032	Thorium-230	2.4016	pCi/g	Avg	4.611	UCL95
15	3	SOU015-033	Thorium-230	7.23	pCi/g	Grid Value	4.611	UCL95
15	3	SOU015-022	Thorium-230	0.728	pCi/g	Grid Value	4.611	UCL95
15	3	SOU015-038	Thorium-230	2.4016	pCi/g	Avg	4.611	UCL95
15	3	SOU015-041	Thorium-230	2.4016	pCi/g	Avg	4.611	UCL95
15	3	SOU015-039	Thorium-230	2.4016	pCi/g	Avg	4.611	UCL95
15	3	SOU015-023	Uranium	49.32	mg/kg	Grid Value	216	UCL95
15	3	SOU015-024	Uranium	256.63	mg/kg	Grid Value	216	UCL95
15	3	SOU015-025	Uranium	224.77	mg/kg	Grid Value	216	UCL95
15	3	SOU015-030	Uranium	20	mg/kg	Grid Value	216	UCL95
15	3	SOU015-040	Uranium	221.2	mg/kg	Grid Value	216	UCL95
15	3	SOU015-031	Uranium	105.03	mg/kg	Grid Value	216	UCL95
15	3	SOU015-022	Uranium	9.9	mg/kg	Grid Value	216	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
15	3	SOU015-032	Uranium	169.53	mg/kg	Grid Value	216	UCL95
15	3	SOU015-033	Uranium	459	mg/kg	Grid Value	216	UCL95
15	3	SOU015-038	Uranium	23.36	mg/kg	Grid Value	216	UCL95
15	3	SOU015-039	Uranium	150.62	mg/kg	Grid Value	216	UCL95
15	3	SOU015-041	Uranium	94.23	mg/kg	Grid Value	216	UCL95
15	3	SOU015-041	Uranium-234	51.3592	pCi/g	Avg	190.7	UCL95
15	3	SOU015-040	Uranium-234	0.806	pCi/g	Grid Value	190.7	UCL95
15	3	SOU015-039	Uranium-234	51.3592	pCi/g	Avg	190.7	UCL95
15	3	SOU015-038	Uranium-234	51.3592	pCi/g	Avg	190.7	UCL95
15	3	SOU015-033	Uranium-234	69.6	pCi/g	Grid Value	190.7	UCL95
15	3	SOU015-025	Uranium-234	185	pCi/g	Grid Value	190.7	UCL95
15	3	SOU015-024	Uranium-234	51.3592	pCi/g	Avg	190.7	UCL95
15	3	SOU015-023	Uranium-234	1.09	pCi/g	Grid Value	190.7	UCL95
15	3	SOU015-022	Uranium-234	0.3	pCi/g	Grid Value	190.7	UCL95
15	3	SOU015-030	Uranium-234	51.3592	pCi/g	Avg	190.7	UCL95
15	3	SOU015-031	Uranium-234	51.3592	pCi/g	Avg	190.7	UCL95
15	3	SOU015-032	Uranium-234	51.3592	pCi/g	Avg	190.7	UCL95
15	3	SOU015-041	Uranium-235	5.203004	pCi/g	Avg	21.48	UCL95
15	3	SOU015-039	Uranium-235	5.203004	pCi/g	Avg	21.48	UCL95
15	3	SOU015-038	Uranium-235	5.203004	pCi/g	Avg	21.48	UCL95
15	3	SOU015-033	Uranium-235	4.21	pCi/g	Grid Value	21.48	UCL95
15	3	SOU015-032	Uranium-235	5.203004	pCi/g	Avg	21.48	UCL95
15	3	SOU015-031	Uranium-235	5.203004	pCi/g	Avg	21.48	UCL95
15	3	SOU015-030	Uranium-235	5.203004	pCi/g	Avg	21.48	UCL95
15	3	SOU015-025	Uranium-235	21.7	pCi/g	Grid Value	21.48	UCL95
15	3	SOU015-024	Uranium-235	5.203004	pCi/g	Avg	21.48	UCL95
15	3	SOU015-023	Uranium-235	0.0801	pCi/g	Grid Value	21.48	UCL95
15	3	SOU015-040	Uranium-235	0.0202	pCi/g	Grid Value	21.48	UCL95
15	3	SOU015-022	Uranium-235	0.00472	pCi/g	Grid Value	21.48	UCL95
15	3	SOU015-030	Uranium-238	240.0294	pCi/g	Avg	1076	UCL95
15	3	SOU015-023	Uranium-238	2.07	pCi/g	Grid Value	1076	UCL95
15	3	SOU015-024	Uranium-238	240.0294	pCi/g	Avg	1076	UCL95
15	3	SOU015-025	Uranium-238	1100	pCi/g	Grid Value	1076	UCL95
15	3	SOU015-031	Uranium-238	240.0294	pCi/g	Avg	1076	UCL95
15	3	SOU015-033	Uranium-238	96.7	pCi/g	Grid Value	1076	UCL95
15	3	SOU015-038	Uranium-238	240.0294	pCi/g	Avg	1076	UCL95
15	3	SOU015-039	Uranium-238	240.0294	pCi/g	Avg	1076	UCL95
15	3	SOU015-040	Uranium-238	1.02	pCi/g	Grid Value	1076	UCL95
15	3	SOU015-041	Uranium-238	240.0294	pCi/g	Avg	1076	UCL95
15	3	SOU015-022	Uranium-238	0.357	pCi/g	Grid Value	1076	UCL95
15	3	SOU015-032	Uranium-238	240.0294	pCi/g	Avg	1076	UCL95
15	3	SOU015-025	Vanadium	21.1	mg/kg	Grid Value	77.21	UCL95
15	3	SOU015-040	Vanadium	11.3	mg/kg	Grid Value	77.21	UCL95
15	3	SOU015-022	Vanadium	70.92	mg/kg	Grid Value	77.21	UCL95
15	3	SOU015-024	Vanadium	70	mg/kg	Grid Value	77.21	UCL95
15	3	SOU015-041	Vanadium	70	mg/kg	Grid Value	77.21	UCL95
15	3	SOU015-030	Vanadium	70	mg/kg	Grid Value	77.21	UCL95
15	3	SOU015-031	Vanadium	74.72	mg/kg	Grid Value	77.21	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
15	3	SOU015-032	Vanadium	131.86	mg/kg	Grid Value	77.21	UCL95
15	3	SOU015-033	Vanadium	32.8	mg/kg	Grid Value	77.21	UCL95
15	3	SOU015-038	Vanadium	70	mg/kg	Grid Value	77.21	UCL95
15	3	SOU015-039	Vanadium	70	mg/kg	Grid Value	77.21	UCL95
15	3	SOU015-023	Vanadium	34.9	mg/kg	Grid Value	77.21	UCL95
15	4	SOU015-045	Antimony	118.48	mg/kg	Grid Value	92.97	UCL95
15	4	SOU015-034	Antimony	7.57	mg/kg	Grid Value	92.97	UCL95
15	4	SOU015-037A	Antimony	0.8	mg/kg	Grid Value	92.97	UCL95
15	4	SOU015-044	Antimony	93.37	mg/kg	Grid Value	92.97	UCL95
15	4	SOU015-043	Antimony	30	mg/kg	Grid Value	92.97	UCL95
15	4	SOU015-042	Antimony	80.06	mg/kg	Grid Value	92.97	UCL95
15	4	SOU015-037C	Antimony	75.80692	mg/kg	Avg	92.97	UCL95
15	4	SOU015-037B	Antimony	75.80692	mg/kg	Avg	92.97	UCL95
15	4	SOU015-037	Antimony	50.88	mg/kg	Grid Value	92.97	UCL95
15	4	SOU015-035	Antimony	116.9	mg/kg	Grid Value	92.97	UCL95
15	4	SOU015-029	Antimony	92.92	mg/kg	Grid Value	92.97	UCL95
15	4	SOU015-028	Antimony	98.71	mg/kg	Grid Value	92.97	UCL95
15	4	SOU015-027	Antimony	85.6	mg/kg	Grid Value	92.97	UCL95
15	4	SOU015-026	Antimony	89.76	mg/kg	Grid Value	92.97	UCL95
15	4	SOU015-036	Antimony	120.44	mg/kg	Grid Value	92.97	UCL95
15	4	SOU015-037B	Arsenic	10	mg/kg	Grid Value	33.67	UCL95
15	4	SOU015-026	Arsenic	49.64	mg/kg	Grid Value	33.67	UCL95
15	4	SOU015-027	Arsenic	10.53	mg/kg	Grid Value	33.67	UCL95
15	4	SOU015-028	Arsenic	20.11	mg/kg	Grid Value	33.67	UCL95
15	4	SOU015-029	Arsenic	27.53	mg/kg	Grid Value	33.67	UCL95
15	4	SOU015-034	Arsenic	51.31	mg/kg	Grid Value	33.67	UCL95
15	4	SOU015-035	Arsenic	38.65	mg/kg	Grid Value	33.67	UCL95
15	4	SOU015-036	Arsenic	40.86	mg/kg	Grid Value	33.67	UCL95
15	4	SOU015-037A	Arsenic	7.9	mg/kg	Grid Value	33.67	UCL95
15	4	SOU015-037C	Arsenic	10	mg/kg	Grid Value	33.67	UCL95
15	4	SOU015-042	Arsenic	15.33	mg/kg	Grid Value	33.67	UCL95
15	4	SOU015-043	Arsenic	11	mg/kg	Grid Value	33.67	UCL95
15	4	SOU015-044	Arsenic	6	mg/kg	Grid Value	33.67	UCL95
15	4	SOU015-045	Arsenic	33.11	mg/kg	Grid Value	33.67	UCL95
15	4	SOU015-037	Arsenic	11	mg/kg	Grid Value	33.67	UCL95
15	4	SOU015-036	Cadmium	15.63	mg/kg	Grid Value	13.44	UCL95
15	4	SOU015-044	Cadmium	24.15	mg/kg	Grid Value	13.44	UCL95
15	4	SOU015-043	Cadmium	12	mg/kg	Grid Value	13.44	UCL95
15	4	SOU015-042	Cadmium	12	mg/kg	Grid Value	13.44	UCL95
15	4	SOU015-037C	Cadmium	10.05692	mg/kg	Avg	13.44	UCL95
15	4	SOU015-037B	Cadmium	10.05692	mg/kg	Avg	13.44	UCL95
15	4	SOU015-037	Cadmium	1.3	mg/kg	Grid Value	13.44	UCL95
15	4	SOU015-045	Cadmium	17.02	mg/kg	Grid Value	13.44	UCL95
15	4	SOU015-035	Cadmium	1.4	mg/kg	Grid Value	13.44	UCL95
15	4	SOU015-034	Cadmium	1.57	mg/kg	Grid Value	13.44	UCL95
15	4	SOU015-029	Cadmium	1.52	mg/kg	Grid Value	13.44	UCL95
15	4	SOU015-028	Cadmium	19.73	mg/kg	Grid Value	13.44	UCL95
15	4	SOU015-027	Cadmium	12	mg/kg	Grid Value	13.44	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
15	4	SOU015-026	Cadmium	12	mg/kg	Grid Value	13.44	UCL95
15	4	SOU015-037A	Cadmium	0.42	mg/kg	Grid Value	13.44	UCL95
15	4	SOU015-037	Chromium	97.53	mg/kg	Grid Value	85.54	UCL95
15	4	SOU015-044	Chromium	46	mg/kg	Grid Value	85.54	UCL95
15	4	SOU015-043	Chromium	39.13	mg/kg	Grid Value	85.54	UCL95
15	4	SOU015-042	Chromium	50.37	mg/kg	Grid Value	85.54	UCL95
15	4	SOU015-037C	Chromium	12	mg/kg	Grid Value	85.54	UCL95
15	4	SOU015-037B	Chromium	12	mg/kg	Grid Value	85.54	UCL95
15	4	SOU015-037A	Chromium	22	mg/kg	Grid Value	85.54	UCL95
15	4	SOU015-036	Chromium	135.97	mg/kg	Grid Value	85.54	UCL95
15	4	SOU015-035	Chromium	150.66	mg/kg	Grid Value	85.54	UCL95
15	4	SOU015-034	Chromium	94.3	mg/kg	Grid Value	85.54	UCL95
15	4	SOU015-029	Chromium	69.93	mg/kg	Grid Value	85.54	UCL95
15	4	SOU015-028	Chromium	53.38	mg/kg	Grid Value	85.54	UCL95
15	4	SOU015-026	Chromium	77.11	mg/kg	Grid Value	85.54	UCL95
15	4	SOU015-045	Chromium	61.63	mg/kg	Grid Value	85.54	UCL95
15	4	SOU015-027	Chromium	81.34	mg/kg	Grid Value	85.54	UCL95
15	4	SOU015-037A	Copper	191	mg/kg	Grid Value	599.6	UCL95
15	4	SOU015-045	Copper	438.01	mg/kg	Grid Value	599.6	UCL95
15	4	SOU015-044	Copper	209.81	mg/kg	Grid Value	599.6	UCL95
15	4	SOU015-043	Copper	240.71	mg/kg	Grid Value	599.6	UCL95
15	4	SOU015-042	Copper	113.85	mg/kg	Grid Value	599.6	UCL95
15	4	SOU015-037C	Copper	38	mg/kg	Grid Value	599.6	UCL95
15	4	SOU015-037B	Copper	49	mg/kg	Grid Value	599.6	UCL95
15	4	SOU015-036	Copper	1134.05	mg/kg	Grid Value	599.6	UCL95
15	4	SOU015-035	Copper	1273.93	mg/kg	Grid Value	599.6	UCL95
15	4	SOU015-034	Copper	669.03	mg/kg	Grid Value	599.6	UCL95
15	4	SOU015-029	Copper	372.86	mg/kg	Grid Value	599.6	UCL95
15	4	SOU015-028	Copper	219.94	mg/kg	Grid Value	599.6	UCL95
15	4	SOU015-026	Copper	542.68	mg/kg	Grid Value	599.6	UCL95
15	4	SOU015-027	Copper	398.95	mg/kg	Grid Value	599.6	UCL95
15	4	SOU015-037	Copper	593.89	mg/kg	Grid Value	599.6	UCL95
15	4	SOU015-036	Iron	94782.79	mg/kg	Grid Value	69673	UCL95
15	4	SOU015-045	Iron	51787.97	mg/kg	Grid Value	69673	UCL95
15	4	SOU015-044	Iron	30000	mg/kg	Grid Value	69673	UCL95
15	4	SOU015-043	Iron	20612.97	mg/kg	Grid Value	69673	UCL95
15	4	SOU015-042	Iron	16098.25	mg/kg	Grid Value	69673	UCL95
15	4	SOU015-037C	Iron	25413	mg/kg	Grid Value	69673	UCL95
15	4	SOU015-037B	Iron	41867	mg/kg	Grid Value	69673	UCL95
15	4	SOU015-037	Iron	56004.48	mg/kg	Grid Value	69673	UCL95
15	4	SOU015-035	Iron	142401.3	mg/kg	Grid Value	69673	UCL95
15	4	SOU015-034	Iron	90853.28	mg/kg	Grid Value	69673	UCL95
15	4	SOU015-029	Iron	30093.56	mg/kg	Grid Value	69673	UCL95
15	4	SOU015-028	Iron	38012.42	mg/kg	Grid Value	69673	UCL95
15	4	SOU015-027	Iron	59817.57	mg/kg	Grid Value	69673	UCL95
15	4	SOU015-026	Iron	76614.02	mg/kg	Grid Value	69673	UCL95
15	4	SOU015-037A	Iron	35477	mg/kg	Grid Value	69673	UCL95
15	4	SOU015-036	Manganese	2252.18	mg/kg	Grid Value	1287	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
15	4	SOU015-045	Manganese	1281.92	mg/kg	Grid Value	1287	UCL95
15	4	SOU015-044	Manganese	658	mg/kg	Grid Value	1287	UCL95
15	4	SOU015-043	Manganese	606.3	mg/kg	Grid Value	1287	UCL95
15	4	SOU015-042	Manganese	444.9	mg/kg	Grid Value	1287	UCL95
15	4	SOU015-037C	Manganese	156	mg/kg	Grid Value	1287	UCL95
15	4	SOU015-037B	Manganese	151	mg/kg	Grid Value	1287	UCL95
15	4	SOU015-027	Manganese	897.97	mg/kg	Grid Value	1287	UCL95
15	4	SOU015-037A	Manganese	737	mg/kg	Grid Value	1287	UCL95
15	4	SOU015-026	Manganese	1269.2	mg/kg	Grid Value	1287	UCL95
15	4	SOU015-037	Manganese	965.04	mg/kg	Grid Value	1287	UCL95
15	4	SOU015-028	Manganese	578.06	mg/kg	Grid Value	1287	UCL95
15	4	SOU015-029	Manganese	891.79	mg/kg	Grid Value	1287	UCL95
15	4	SOU015-034	Manganese	1342.17	mg/kg	Grid Value	1287	UCL95
15	4	SOU015-035	Manganese	2487.8	mg/kg	Grid Value	1287	UCL95
15	4	SOU015-029	Mercury	0.2	mg/kg	Grid Value	50.78	UCL95
15	4	SOU015-037A	Mercury	40	mg/kg	Grid Value	50.78	UCL95
15	4	SOU015-044	Mercury	1.24	mg/kg	Grid Value	50.78	UCL95
15	4	SOU015-043	Mercury	10	mg/kg	Grid Value	50.78	UCL95
15	4	SOU015-042	Mercury	10	mg/kg	Grid Value	50.78	UCL95
15	4	SOU015-037C	Mercury	40	mg/kg	Grid Value	50.78	UCL95
15	4	SOU015-037B	Mercury	40	mg/kg	Grid Value	50.78	UCL95
15	4	SOU015-045	Mercury	10	mg/kg	Grid Value	50.78	UCL95
15	4	SOU015-036	Mercury	10	mg/kg	Grid Value	50.78	UCL95
15	4	SOU015-034	Mercury	0.2	mg/kg	Grid Value	50.78	UCL95
15	4	SOU015-028	Mercury	0.0262	mg/kg	Grid Value	50.78	UCL95
15	4	SOU015-027	Mercury	10	mg/kg	Grid Value	50.78	UCL95
15	4	SOU015-026	Mercury	10	mg/kg	Grid Value	50.78	UCL95
15	4	SOU015-037	Mercury	13.44	mg/kg	Grid Value	50.78	UCL95
15	4	SOU015-035	Mercury	15.28	mg/kg	Grid Value	50.78	UCL95
15	4	SOU015-043	Neptunium-237	0.207114	pCi/g	Avg	0.433	UCL95
15	4	SOU015-028	Neptunium-237	0.01	pCi/g	Grid Value	0.433	UCL95
15	4	SOU015-029	Neptunium-237	0.108	pCi/g	Grid Value	0.433	UCL95
15	4	SOU015-034	Neptunium-237	0.0131	pCi/g	Grid Value	0.433	UCL95
15	4	SOU015-035	Neptunium-237	0.0341	pCi/g	Grid Value	0.433	UCL95
15	4	SOU015-036	Neptunium-237	0.207114	pCi/g	Avg	0.433	UCL95
15	4	SOU015-037	Neptunium-237	0.0236	pCi/g	Grid Value	0.433	UCL95
15	4	SOU015-037A	Neptunium-237	0.461	pCi/g	Grid Value	0.433	UCL95
15	4	SOU015-037B	Neptunium-237	0.207114	pCi/g	Avg	0.433	UCL95
15	4	SOU015-037C	Neptunium-237	0.207114	pCi/g	Avg	0.433	UCL95
15	4	SOU015-026	Neptunium-237	0.207114	pCi/g	Avg	0.433	UCL95
15	4	SOU015-044	Neptunium-237	0.8	pCi/g	Grid Value	0.433	UCL95
15	4	SOU015-045	Neptunium-237	0.207114	pCi/g	Avg	0.433	UCL95
15	4	SOU015-027	Neptunium-237	0.207114	pCi/g	Avg	0.433	UCL95
15	4	SOU015-042	Neptunium-237	0.207114	pCi/g	Avg	0.433	UCL95
15	4	SOU015-028	Nickel	275.57	mg/kg	Grid Value	1241	UCL95
15	4	SOU015-045	Nickel	298	mg/kg	Grid Value	1241	UCL95
15	4	SOU015-026	Nickel	571.09	mg/kg	Grid Value	1241	UCL95
15	4	SOU015-027	Nickel	426.07	mg/kg	Grid Value	1241	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
15	4	SOU015-029	Nickel	182.78	mg/kg	Grid Value	1241	UCL95
15	4	SOU015-035	Nickel	1512.05	mg/kg	Grid Value	1241	UCL95
15	4	SOU015-036	Nickel	3787.15	mg/kg	Grid Value	1241	UCL95
15	4	SOU015-037	Nickel	469.48	mg/kg	Grid Value	1241	UCL95
15	4	SOU015-037A	Nickel	94	mg/kg	Grid Value	1241	UCL95
15	4	SOU015-037B	Nickel	21	mg/kg	Grid Value	1241	UCL95
15	4	SOU015-037C	Nickel	21	mg/kg	Grid Value	1241	UCL95
15	4	SOU015-042	Nickel	98.75	mg/kg	Grid Value	1241	UCL95
15	4	SOU015-043	Nickel	156.45	mg/kg	Grid Value	1241	UCL95
15	4	SOU015-034	Nickel	850.73	mg/kg	Grid Value	1241	UCL95
15	4	SOU015-044	Nickel	160.04	mg/kg	Grid Value	1241	UCL95
15	4	SOU015-027	PAH, Total	0.635129	mg/kg	Avg	1.246	UCL95
15	4	SOU015-044	PAH, Total	2.4449	mg/kg	Grid Value	1.246	UCL95
15	4	SOU015-043	PAH, Total	0.635129	mg/kg	Avg	1.246	UCL95
15	4	SOU015-042	PAH, Total	0.635129	mg/kg	Avg	1.246	UCL95
15	4	SOU015-037C	PAH, Total	0.635129	mg/kg	Avg	1.246	UCL95
15	4	SOU015-037B	PAH, Total	0.635129	mg/kg	Avg	1.246	UCL95
15	4	SOU015-037A	PAH, Total	0.0233	mg/kg	Grid Value	1.246	UCL95
15	4	SOU015-037	PAH, Total	0.5	mg/kg	Grid Value	1.246	UCL95
15	4	SOU015-036	PAH, Total	0.635129	mg/kg	Avg	1.246	UCL95
15	4	SOU015-035	PAH, Total	0.49	mg/kg	Grid Value	1.246	UCL95
15	4	SOU015-034	PAH, Total	0.49	mg/kg	Grid Value	1.246	UCL95
15	4	SOU015-029	PAH, Total	0.49	mg/kg	Grid Value	1.246	UCL95
15	4	SOU015-028	PAH, Total	0.0077	mg/kg	Grid Value	1.246	UCL95
15	4	SOU015-026	PAH, Total	0.635129	mg/kg	Avg	1.246	UCL95
15	4	SOU015-045	PAH, Total	0.635129	mg/kg	Avg	1.246	UCL95
15	4	SOU015-037A	PCB, Total	55	mg/kg	Grid Value	31.31	UCL95
15	4	SOU015-027	PCB, Total	10	mg/kg	Grid Value	31.31	UCL95
15	4	SOU015-028	PCB, Total	5	mg/kg	Grid Value	31.31	UCL95
15	4	SOU015-029	PCB, Total	10	mg/kg	Grid Value	31.31	UCL95
15	4	SOU015-034	PCB, Total	5	mg/kg	Grid Value	31.31	UCL95
15	4	SOU015-035	PCB, Total	50	mg/kg	Grid Value	31.31	UCL95
15	4	SOU015-026	PCB, Total	5	mg/kg	Grid Value	31.31	UCL95
15	4	SOU015-037	PCB, Total	10	mg/kg	Grid Value	31.31	UCL95
15	4	SOU015-044	PCB, Total	6.4	mg/kg	Grid Value	31.31	UCL95
15	4	SOU015-037B	PCB, Total	5	mg/kg	Grid Value	31.31	UCL95
15	4	SOU015-037C	PCB, Total	5	mg/kg	Grid Value	31.31	UCL95
15	4	SOU015-042	PCB, Total	5	mg/kg	Grid Value	31.31	UCL95
15	4	SOU015-043	PCB, Total	5	mg/kg	Grid Value	31.31	UCL95
15	4	SOU015-045	PCB, Total	10	mg/kg	Grid Value	31.31	UCL95
15	4	SOU015-036	PCB, Total	10	mg/kg	Grid Value	31.31	UCL95
15	4	SOU015-042	Thallium	8.132857	mg/kg	Avg	20.64	UCL95
15	4	SOU015-027	Thallium	8.132857	mg/kg	Avg	20.64	UCL95
15	4	SOU015-026	Thallium	8.132857	mg/kg	Avg	20.64	UCL95
15	4	SOU015-028	Thallium	0.37	mg/kg	Grid Value	20.64	UCL95
15	4	SOU015-029	Thallium	15.2	mg/kg	Grid Value	20.64	UCL95
15	4	SOU015-034	Thallium	15.1	mg/kg	Grid Value	20.64	UCL95
15	4	SOU015-035	Thallium	12.9	mg/kg	Grid Value	20.64	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
15	4	SOU015-036	Thallium	8.132857	mg/kg	Avg	20.64	UCL95
15	4	SOU015-037	Thallium	13	mg/kg	Grid Value	20.64	UCL95
15	4	SOU015-037A	Thallium	0.15	mg/kg	Grid Value	20.64	UCL95
15	4	SOU015-037C	Thallium	8.132857	mg/kg	Avg	20.64	UCL95
15	4	SOU015-043	Thallium	8.132857	mg/kg	Avg	20.64	UCL95
15	4	SOU015-044	Thallium	0.21	mg/kg	Grid Value	20.64	UCL95
15	4	SOU015-045	Thallium	8.132857	mg/kg	Avg	20.64	UCL95
15	4	SOU015-037B	Thallium	8.132857	mg/kg	Avg	20.64	UCL95
15	4	SOU015-035	Uranium	259.26	mg/kg	Grid Value	129	UCL95
15	4	SOU015-026	Uranium	238.77	mg/kg	Grid Value	129	UCL95
15	4	SOU015-027	Uranium	110.12	mg/kg	Grid Value	129	UCL95
15	4	SOU015-028	Uranium	49.7	mg/kg	Grid Value	129	UCL95
15	4	SOU015-034	Uranium	126.28	mg/kg	Grid Value	129	UCL95
15	4	SOU015-045	Uranium	102.67	mg/kg	Grid Value	129	UCL95
15	4	SOU015-036	Uranium	146.71	mg/kg	Grid Value	129	UCL95
15	4	SOU015-037	Uranium	62.87	mg/kg	Grid Value	129	UCL95
15	4	SOU015-037A	Uranium	109	mg/kg	Grid Value	129	UCL95
15	4	SOU015-037B	Uranium	10	mg/kg	Grid Value	129	UCL95
15	4	SOU015-037C	Uranium	10	mg/kg	Grid Value	129	UCL95
15	4	SOU015-042	Uranium	58.98	mg/kg	Grid Value	129	UCL95
15	4	SOU015-043	Uranium	57.17	mg/kg	Grid Value	129	UCL95
15	4	SOU015-044	Uranium	56	mg/kg	Grid Value	129	UCL95
15	4	SOU015-029	Uranium	29.46	mg/kg	Grid Value	129	UCL95
15	4	SOU015-026	Uranium-234	3.077	pCi/g	Avg	5.74	UCL95
15	4	SOU015-036	Uranium-234	3.077	pCi/g	Avg	5.74	UCL95
15	4	SOU015-045	Uranium-234	3.077	pCi/g	Avg	5.74	UCL95
15	4	SOU015-044	Uranium-234	10.7	pCi/g	Grid Value	5.74	UCL95
15	4	SOU015-043	Uranium-234	3.077	pCi/g	Avg	5.74	UCL95
15	4	SOU015-042	Uranium-234	3.077	pCi/g	Avg	5.74	UCL95
15	4	SOU015-037C	Uranium-234	3.077	pCi/g	Avg	5.74	UCL95
15	4	SOU015-037B	Uranium-234	3.077	pCi/g	Avg	5.74	UCL95
15	4	SOU015-035	Uranium-234	0.666	pCi/g	Grid Value	5.74	UCL95
15	4	SOU015-034	Uranium-234	0.841	pCi/g	Grid Value	5.74	UCL95
15	4	SOU015-029	Uranium-234	3.28	pCi/g	Grid Value	5.74	UCL95
15	4	SOU015-028	Uranium-234	1.3	pCi/g	Grid Value	5.74	UCL95
15	4	SOU015-027	Uranium-234	3.077	pCi/g	Avg	5.74	UCL95
15	4	SOU015-037A	Uranium-234	4	pCi/g	Grid Value	5.74	UCL95
15	4	SOU015-037	Uranium-234	0.752	pCi/g	Grid Value	5.74	UCL95
15	4	SOU015-037C	Uranium-235	0.161771	pCi/g	Avg	0.269	UCL95
15	4	SOU015-045	Uranium-235	0.161771	pCi/g	Avg	0.269	UCL95
15	4	SOU015-044	Uranium-235	0.43	pCi/g	Grid Value	0.269	UCL95
15	4	SOU015-042	Uranium-235	0.161771	pCi/g	Avg	0.269	UCL95
15	4	SOU015-037B	Uranium-235	0.161771	pCi/g	Avg	0.269	UCL95
15	4	SOU015-037A	Uranium-235	0.271	pCi/g	Grid Value	0.269	UCL95
15	4	SOU015-037	Uranium-235	0.0454	pCi/g	Grid Value	0.269	UCL95
15	4	SOU015-035	Uranium-235	0.055	pCi/g	Grid Value	0.269	UCL95
15	4	SOU015-034	Uranium-235	0.071	pCi/g	Grid Value	0.269	UCL95
15	4	SOU015-029	Uranium-235	0.191	pCi/g	Grid Value	0.269	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
15	4	SOU015-028	Uranium-235	0.069	pCi/g	Grid Value	0.269	UCL95
15	4	SOU015-027	Uranium-235	0.161771	pCi/g	Avg	0.269	UCL95
15	4	SOU015-026	Uranium-235	0.161771	pCi/g	Avg	0.269	UCL95
15	4	SOU015-036	Uranium-235	0.161771	pCi/g	Avg	0.269	UCL95
15	4	SOU015-043	Uranium-235	0.161771	pCi/g	Avg	0.269	UCL95
15	4	SOU015-028	Uranium-238	1.5	pCi/g	Grid Value	9.628	UCL95
15	4	SOU015-044	Uranium-238	18.7	pCi/g	Grid Value	9.628	UCL95
15	4	SOU015-043	Uranium-238	4.890714	pCi/g	Avg	9.628	UCL95
15	4	SOU015-037C	Uranium-238	4.890714	pCi/g	Avg	9.628	UCL95
15	4	SOU015-042	Uranium-238	4.890714	pCi/g	Avg	9.628	UCL95
15	4	SOU015-037A	Uranium-238	6.19	pCi/g	Grid Value	9.628	UCL95
15	4	SOU015-037	Uranium-238	0.765	pCi/g	Grid Value	9.628	UCL95
15	4	SOU015-036	Uranium-238	4.890714	pCi/g	Avg	9.628	UCL95
15	4	SOU015-035	Uranium-238	1.09	pCi/g	Grid Value	9.628	UCL95
15	4	SOU015-029	Uranium-238	4.66	pCi/g	Grid Value	9.628	UCL95
15	4	SOU015-027	Uranium-238	4.890714	pCi/g	Avg	9.628	UCL95
15	4	SOU015-026	Uranium-238	4.890714	pCi/g	Avg	9.628	UCL95
15	4	SOU015-045	Uranium-238	4.890714	pCi/g	Avg	9.628	UCL95
15	4	SOU015-034	Uranium-238	1.33	pCi/g	Grid Value	9.628	UCL95
15	4	SOU015-037B	Uranium-238	4.890714	pCi/g	Avg	9.628	UCL95
15	4	SOU015-028	Vanadium	26.1	mg/kg	Grid Value	75.82	UCL95
15	4	SOU015-042	Vanadium	70	mg/kg	Grid Value	75.82	UCL95
15	4	SOU015-043	Vanadium	70	mg/kg	Grid Value	75.82	UCL95
15	4	SOU015-044	Vanadium	25.6	mg/kg	Grid Value	75.82	UCL95
15	4	SOU015-037B	Vanadium	117	mg/kg	Grid Value	75.82	UCL95
15	4	SOU015-037A	Vanadium	122	mg/kg	Grid Value	75.82	UCL95
15	4	SOU015-027	Vanadium	70	mg/kg	Grid Value	75.82	UCL95
15	4	SOU015-037	Vanadium	15.3	mg/kg	Grid Value	75.82	UCL95
15	4	SOU015-045	Vanadium	70	mg/kg	Grid Value	75.82	UCL95
15	4	SOU015-036	Vanadium	70	mg/kg	Grid Value	75.82	UCL95
15	4	SOU015-035	Vanadium	11.4	mg/kg	Grid Value	75.82	UCL95
15	4	SOU015-037C	Vanadium	106	mg/kg	Grid Value	75.82	UCL95
15	4	SOU015-029	Vanadium	17	mg/kg	Grid Value	75.82	UCL95
15	4	SOU015-026	Vanadium	70	mg/kg	Grid Value	75.82	UCL95
15	4	SOU015-034	Vanadium	19.2	mg/kg	Grid Value	75.82	UCL95
15	5	SOU015-099	Aluminum	13800	mg/kg	Grid Value	9607	UCL95
15	5	SOU015-098	Aluminum	8637.5	mg/kg	Avg	9607	UCL95
15	5	SOU015-080	Aluminum	8637.5	mg/kg	Avg	9607	UCL95
15	5	SOU015-097	Aluminum	8637.5	mg/kg	Avg	9607	UCL95
15	5	SOU015-082	Aluminum	8637.5	mg/kg	Avg	9607	UCL95
15	5	SOU015-081	Aluminum	7070	mg/kg	Grid Value	9607	UCL95
15	5	SOU015-046	Aluminum	8040	mg/kg	Grid Value	9607	UCL95
15	5	SOU015-047	Aluminum	8637.5	mg/kg	Avg	9607	UCL95
15	5	SOU015-048	Aluminum	8637.5	mg/kg	Avg	9607	UCL95
15	5	SOU015-063	Aluminum	5640	mg/kg	Grid Value	9607	UCL95
15	5	SOU015-064	Aluminum	8637.5	mg/kg	Avg	9607	UCL95
15	5	SOU015-065	Aluminum	8637.5	mg/kg	Avg	9607	UCL95
15	5	SOU015-080	Antimony	121.71	mg/kg	Grid Value	122	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
15	5	SOU015-099	Antimony	176.98	mg/kg	Grid Value	122	UCL95
15	5	SOU015-098	Antimony	105.37	mg/kg	Grid Value	122	UCL95
15	5	SOU015-097	Antimony	96.2	mg/kg	Grid Value	122	UCL95
15	5	SOU015-081	Antimony	125.39	mg/kg	Grid Value	122	UCL95
15	5	SOU015-065	Antimony	100.36	mg/kg	Grid Value	122	UCL95
15	5	SOU015-064	Antimony	99.45	mg/kg	Grid Value	122	UCL95
15	5	SOU015-063	Antimony	100.51	mg/kg	Grid Value	122	UCL95
15	5	SOU015-048	Antimony	71.81	mg/kg	Grid Value	122	UCL95
15	5	SOU015-047	Antimony	77.31	mg/kg	Grid Value	122	UCL95
15	5	SOU015-046	Antimony	125.42	mg/kg	Grid Value	122	UCL95
15	5	SOU015-082	Antimony	91.91	mg/kg	Grid Value	122	UCL95
15	5	SOU015-080	Arsenic	11	mg/kg	Grid Value	13.29	UCL95
15	5	SOU015-099	Arsenic	11.8	mg/kg	Grid Value	13.29	UCL95
15	5	SOU015-046	Arsenic	6.2	mg/kg	Grid Value	13.29	UCL95
15	5	SOU015-047	Arsenic	15.45	mg/kg	Grid Value	13.29	UCL95
15	5	SOU015-048	Arsenic	6.31	mg/kg	Grid Value	13.29	UCL95
15	5	SOU015-063	Arsenic	14.47	mg/kg	Grid Value	13.29	UCL95
15	5	SOU015-064	Arsenic	19.15	mg/kg	Grid Value	13.29	UCL95
15	5	SOU015-065	Arsenic	11	mg/kg	Grid Value	13.29	UCL95
15	5	SOU015-081	Arsenic	8.3	mg/kg	Grid Value	13.29	UCL95
15	5	SOU015-097	Arsenic	9.42	mg/kg	Grid Value	13.29	UCL95
15	5	SOU015-082	Arsenic	7.29	mg/kg	Grid Value	13.29	UCL95
15	5	SOU015-098	Arsenic	14.16	mg/kg	Grid Value	13.29	UCL95
15	5	SOU015-064	Cadmium	19.41	mg/kg	Grid Value	18.04	UCL95
15	5	SOU015-047	Cadmium	12	mg/kg	Grid Value	18.04	UCL95
15	5	SOU015-048	Cadmium	15.92	mg/kg	Grid Value	18.04	UCL95
15	5	SOU015-063	Cadmium	0.31	mg/kg	Grid Value	18.04	UCL95
15	5	SOU015-099	Cadmium	17.1	mg/kg	Grid Value	18.04	UCL95
15	5	SOU015-098	Cadmium	24.04	mg/kg	Grid Value	18.04	UCL95
15	5	SOU015-097	Cadmium	13.12	mg/kg	Grid Value	18.04	UCL95
15	5	SOU015-082	Cadmium	12	mg/kg	Grid Value	18.04	UCL95
15	5	SOU015-081	Cadmium	14.56	mg/kg	Grid Value	18.04	UCL95
15	5	SOU015-080	Cadmium	17.03	mg/kg	Grid Value	18.04	UCL95
15	5	SOU015-065	Cadmium	20.65	mg/kg	Grid Value	18.04	UCL95
15	5	SOU015-046	Cadmium	13.65	mg/kg	Grid Value	18.04	UCL95
15	5	SOU015-080	Chromium	85	mg/kg	Grid Value	65.82	UCL95
15	5	SOU015-048	Chromium	36.84	mg/kg	Grid Value	65.82	UCL95
15	5	SOU015-082	Chromium	49.83	mg/kg	Grid Value	65.82	UCL95
15	5	SOU015-047	Chromium	42.79	mg/kg	Grid Value	65.82	UCL95
15	5	SOU015-063	Chromium	36.78	mg/kg	Grid Value	65.82	UCL95
15	5	SOU015-064	Chromium	38.7	mg/kg	Grid Value	65.82	UCL95
15	5	SOU015-065	Chromium	85	mg/kg	Grid Value	65.82	UCL95
15	5	SOU015-081	Chromium	42.75	mg/kg	Grid Value	65.82	UCL95
15	5	SOU015-097	Chromium	85	mg/kg	Grid Value	65.82	UCL95
15	5	SOU015-099	Chromium	63.89	mg/kg	Grid Value	65.82	UCL95
15	5	SOU015-046	Chromium	10.8	mg/kg	Grid Value	65.82	UCL95
15	5	SOU015-098	Chromium	66.14	mg/kg	Grid Value	65.82	UCL95
15	5	SOU015-080	Copper	275.98	mg/kg	Grid Value	5632	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
15	5	SOU015-065	Copper	435.31	mg/kg	Grid Value	5632	UCL95
15	5	SOU015-064	Copper	6122.47	mg/kg	Grid Value	5632	UCL95
15	5	SOU015-098	Copper	26.38	mg/kg	Grid Value	5632	UCL95
15	5	SOU015-097	Copper	25.45	mg/kg	Grid Value	5632	UCL95
15	5	SOU015-081	Copper	357.41	mg/kg	Grid Value	5632	UCL95
15	5	SOU015-063	Copper	309.46	mg/kg	Grid Value	5632	UCL95
15	5	SOU015-099	Copper	22.06	mg/kg	Grid Value	5632	UCL95
15	5	SOU015-048	Copper	566.14	mg/kg	Grid Value	5632	UCL95
15	5	SOU015-047	Copper	215.78	mg/kg	Grid Value	5632	UCL95
15	5	SOU015-046	Copper	62.18	mg/kg	Grid Value	5632	UCL95
15	5	SOU015-082	Copper	125.32	mg/kg	Grid Value	5632	UCL95
15	5	SOU015-099	Iron	24000	mg/kg	Grid Value	23052	UCL95
15	5	SOU015-080	Iron	14022.9	mg/kg	Grid Value	23052	UCL95
15	5	SOU015-098	Iron	34998.73	mg/kg	Grid Value	23052	UCL95
15	5	SOU015-097	Iron	15858.71	mg/kg	Grid Value	23052	UCL95
15	5	SOU015-082	Iron	10545.15	mg/kg	Grid Value	23052	UCL95
15	5	SOU015-081	Iron	23600	mg/kg	Grid Value	23052	UCL95
15	5	SOU015-064	Iron	19361.84	mg/kg	Grid Value	23052	UCL95
15	5	SOU015-063	Iron	15420.13	mg/kg	Grid Value	23052	UCL95
15	5	SOU015-048	Iron	19266.08	mg/kg	Grid Value	23052	UCL95
15	5	SOU015-046	Iron	13800	mg/kg	Grid Value	23052	UCL95
15	5	SOU015-065	Iron	26371.24	mg/kg	Grid Value	23052	UCL95
15	5	SOU015-047	Iron	17365.63	mg/kg	Grid Value	23052	UCL95
15	5	SOU015-048	Manganese	657.41	mg/kg	Grid Value	728	UCL95
15	5	SOU015-099	Manganese	400	mg/kg	Grid Value	728	UCL95
15	5	SOU015-097	Manganese	288.33	mg/kg	Grid Value	728	UCL95
15	5	SOU015-082	Manganese	289.74	mg/kg	Grid Value	728	UCL95
15	5	SOU015-081	Manganese	610.07	mg/kg	Grid Value	728	UCL95
15	5	SOU015-080	Manganese	453.86	mg/kg	Grid Value	728	UCL95
15	5	SOU015-065	Manganese	594.98	mg/kg	Grid Value	728	UCL95
15	5	SOU015-063	Manganese	614.52	mg/kg	Grid Value	728	UCL95
15	5	SOU015-047	Manganese	467.75	mg/kg	Grid Value	728	UCL95
15	5	SOU015-046	Manganese	496	mg/kg	Grid Value	728	UCL95
15	5	SOU015-098	Manganese	564.08	mg/kg	Grid Value	728	UCL95
15	5	SOU015-064	Manganese	1285.51	mg/kg	Grid Value	728	UCL95
15	5	SOU015-099	Mercury	0.0471	mg/kg	Grid Value	19.58	UCL95
15	5	SOU015-047	Mercury	10.63	mg/kg	Grid Value	19.58	UCL95
15	5	SOU015-098	Mercury	10	mg/kg	Grid Value	19.58	UCL95
15	5	SOU015-097	Mercury	6.6	mg/kg	Grid Value	19.58	UCL95
15	5	SOU015-082	Mercury	10	mg/kg	Grid Value	19.58	UCL95
15	5	SOU015-046	Mercury	0.0195	mg/kg	Grid Value	19.58	UCL95
15	5	SOU015-080	Mercury	10	mg/kg	Grid Value	19.58	UCL95
15	5	SOU015-065	Mercury	10	mg/kg	Grid Value	19.58	UCL95
15	5	SOU015-064	Mercury	10	mg/kg	Grid Value	19.58	UCL95
15	5	SOU015-063	Mercury	7.16	mg/kg	Grid Value	19.58	UCL95
15	5	SOU015-048	Mercury	10	mg/kg	Grid Value	19.58	UCL95
15	5	SOU015-081	Mercury	0.338	mg/kg	Grid Value	19.58	UCL95
15	5	SOU015-047	Neptunium-237	0.3445	pCi/g	Avg	0.53	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
15	5	SOU015-098	Neptunium-237	0.3445	pCi/g	Avg	0.53	UCL95
15	5	SOU015-097	Neptunium-237	0.3445	pCi/g	Avg	0.53	UCL95
15	5	SOU015-082	Neptunium-237	0.3445	pCi/g	Avg	0.53	UCL95
15	5	SOU015-081	Neptunium-237	0.69	pCi/g	Grid Value	0.53	UCL95
15	5	SOU015-080	Neptunium-237	0.3445	pCi/g	Avg	0.53	UCL95
15	5	SOU015-065	Neptunium-237	0.3445	pCi/g	Avg	0.53	UCL95
15	5	SOU015-064	Neptunium-237	0.3445	pCi/g	Avg	0.53	UCL95
15	5	SOU015-046	Neptunium-237	-0.001	pCi/g	Grid Value	0.53	UCL95
15	5	SOU015-048	Neptunium-237	0.3445	pCi/g	Avg	0.53	UCL95
15	5	SOU015-099	Neptunium-237	0.3445	pCi/g	Avg	0.53	UCL95
15	5	SOU015-063	Neptunium-237	0.3445	pCi/g	Avg	0.53	UCL95
15	5	SOU015-082	Nickel	65	mg/kg	Grid Value	348.2	UCL95
15	5	SOU015-064	Nickel	453.06	mg/kg	Grid Value	348.2	UCL95
15	5	SOU015-046	Nickel	7.4	mg/kg	Grid Value	348.2	UCL95
15	5	SOU015-047	Nickel	471.45	mg/kg	Grid Value	348.2	UCL95
15	5	SOU015-098	Nickel	57.49	mg/kg	Grid Value	348.2	UCL95
15	5	SOU015-063	Nickel	202.86	mg/kg	Grid Value	348.2	UCL95
15	5	SOU015-099	Nickel	14.9	mg/kg	Grid Value	348.2	UCL95
15	5	SOU015-065	Nickel	440.58	mg/kg	Grid Value	348.2	UCL95
15	5	SOU015-080	Nickel	125.22	mg/kg	Grid Value	348.2	UCL95
15	5	SOU015-081	Nickel	216.92	mg/kg	Grid Value	348.2	UCL95
15	5	SOU015-097	Nickel	65	mg/kg	Grid Value	348.2	UCL95
15	5	SOU015-048	Nickel	676	mg/kg	Grid Value	348.2	UCL95
15	5	SOU015-047	PAH, Total	0.1752	mg/kg	Avg	0.331	UCL95
15	5	SOU015-065	PAH, Total	0.1752	mg/kg	Avg	0.331	UCL95
15	5	SOU015-046	PAH, Total	0.0078	mg/kg	Grid Value	0.331	UCL95
15	5	SOU015-048	PAH, Total	0.1752	mg/kg	Avg	0.331	UCL95
15	5	SOU015-063	PAH, Total	0.1752	mg/kg	Avg	0.331	UCL95
15	5	SOU015-064	PAH, Total	0.1752	mg/kg	Avg	0.331	UCL95
15	5	SOU015-081	PAH, Total	0.5106	mg/kg	Grid Value	0.331	UCL95
15	5	SOU015-082	PAH, Total	0.1752	mg/kg	Avg	0.331	UCL95
15	5	SOU015-097	PAH, Total	0.1752	mg/kg	Avg	0.331	UCL95
15	5	SOU015-080	PAH, Total	0.1752	mg/kg	Avg	0.331	UCL95
15	5	SOU015-098	PAH, Total	0.1752	mg/kg	Avg	0.331	UCL95
15	5	SOU015-099	PAH, Total	0.0072	mg/kg	Grid Value	0.331	UCL95
15	5	SOU015-081	PCB, Total	5.6	mg/kg	Grid Value	46.38	UCL95
15	5	SOU015-099	PCB, Total	0.33	mg/kg	Grid Value	46.38	UCL95
15	5	SOU015-046	PCB, Total	0.017	mg/kg	Grid Value	46.38	UCL95
15	5	SOU015-047	PCB, Total	5	mg/kg	Grid Value	46.38	UCL95
15	5	SOU015-048	PCB, Total	5	mg/kg	Grid Value	46.38	UCL95
15	5	SOU015-063	PCB, Total	50	mg/kg	Grid Value	46.38	UCL95
15	5	SOU015-064	PCB, Total	5	mg/kg	Grid Value	46.38	UCL95
15	5	SOU015-080	PCB, Total	5	mg/kg	Grid Value	46.38	UCL95
15	5	SOU015-082	PCB, Total	5	mg/kg	Grid Value	46.38	UCL95
15	5	SOU015-097	PCB, Total	5	mg/kg	Grid Value	46.38	UCL95
15	5	SOU015-098	PCB, Total	5	mg/kg	Grid Value	46.38	UCL95
15	5	SOU015-065	PCB, Total	5	mg/kg	Grid Value	46.38	UCL95
15	5	SOU015-065	Uranium	93.86	mg/kg	Grid Value	173.5	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
15	5	SOU015-064	Uranium	261.91	mg/kg	Grid Value	173.5	UCL95
15	5	SOU015-047	Uranium	364.2	mg/kg	Grid Value	173.5	UCL95
15	5	SOU015-063	Uranium	112.39	mg/kg	Grid Value	173.5	UCL95
15	5	SOU015-046	Uranium	12.65	mg/kg	Grid Value	173.5	UCL95
15	5	SOU015-081	Uranium	96.76	mg/kg	Grid Value	173.5	UCL95
15	5	SOU015-082	Uranium	28.11	mg/kg	Grid Value	173.5	UCL95
15	5	SOU015-097	Uranium	7.36	mg/kg	Grid Value	173.5	UCL95
15	5	SOU015-098	Uranium	7.68	mg/kg	Grid Value	173.5	UCL95
15	5	SOU015-099	Uranium	1.3	mg/kg	Grid Value	173.5	UCL95
15	5	SOU015-048	Uranium	284.04	mg/kg	Grid Value	173.5	UCL95
15	5	SOU015-080	Uranium	30	mg/kg	Grid Value	173.5	UCL95
15	5	SOU015-081	Uranium-235	0.46	pCi/g	Grid Value	0.362	UCL95
15	5	SOU015-099	Uranium-235	0.2485	pCi/g	Avg	0.362	UCL95
15	5	SOU015-098	Uranium-235	0.2485	pCi/g	Avg	0.362	UCL95
15	5	SOU015-082	Uranium-235	0.2485	pCi/g	Avg	0.362	UCL95
15	5	SOU015-080	Uranium-235	0.2485	pCi/g	Avg	0.362	UCL95
15	5	SOU015-064	Uranium-235	0.2485	pCi/g	Avg	0.362	UCL95
15	5	SOU015-063	Uranium-235	0.2485	pCi/g	Avg	0.362	UCL95
15	5	SOU015-048	Uranium-235	0.2485	pCi/g	Avg	0.362	UCL95
15	5	SOU015-047	Uranium-235	0.2485	pCi/g	Avg	0.362	UCL95
15	5	SOU015-046	Uranium-235	0.037	pCi/g	Grid Value	0.362	UCL95
15	5	SOU015-065	Uranium-235	0.2485	pCi/g	Avg	0.362	UCL95
15	5	SOU015-097	Uranium-235	0.2485	pCi/g	Avg	0.362	UCL95
15	5	SOU015-047	Uranium-238	5.645	pCi/g	Avg	8.143	UCL95
15	5	SOU015-099	Uranium-238	5.645	pCi/g	Avg	8.143	UCL95
15	5	SOU015-098	Uranium-238	5.645	pCi/g	Avg	8.143	UCL95
15	5	SOU015-097	Uranium-238	5.645	pCi/g	Avg	8.143	UCL95
15	5	SOU015-082	Uranium-238	5.645	pCi/g	Avg	8.143	UCL95
15	5	SOU015-081	Uranium-238	10.3	pCi/g	Grid Value	8.143	UCL95
15	5	SOU015-080	Uranium-238	5.645	pCi/g	Avg	8.143	UCL95
15	5	SOU015-048	Uranium-238	5.645	pCi/g	Avg	8.143	UCL95
15	5	SOU015-046	Uranium-238	0.99	pCi/g	Grid Value	8.143	UCL95
15	5	SOU015-063	Uranium-238	5.645	pCi/g	Avg	8.143	UCL95
15	5	SOU015-064	Uranium-238	5.645	pCi/g	Avg	8.143	UCL95
15	5	SOU015-065	Uranium-238	5.645	pCi/g	Avg	8.143	UCL95
15	5	SOU015-046	Zinc	102.71	mg/kg	Grid Value	1525	UCL95
15	5	SOU015-099	Zinc	45.6	mg/kg	Grid Value	1525	UCL95
15	5	SOU015-098	Zinc	60.16	mg/kg	Grid Value	1525	UCL95
15	5	SOU015-082	Zinc	153.24	mg/kg	Grid Value	1525	UCL95
15	5	SOU015-081	Zinc	285.36	mg/kg	Grid Value	1525	UCL95
15	5	SOU015-080	Zinc	271.36	mg/kg	Grid Value	1525	UCL95
15	5	SOU015-065	Zinc	272.26	mg/kg	Grid Value	1525	UCL95
15	5	SOU015-064	Zinc	3168.62	mg/kg	Grid Value	1525	UCL95
15	5	SOU015-063	Zinc	242.38	mg/kg	Grid Value	1525	UCL95
15	5	SOU015-048	Zinc	348.88	mg/kg	Grid Value	1525	UCL95
15	5	SOU015-047	Zinc	192.9	mg/kg	Grid Value	1525	UCL95
15	5	SOU015-097	Zinc	50.99	mg/kg	Grid Value	1525	UCL95
15	6	SOU015-050	Antimony	64.99	mg/kg	Grid Value	99.39	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
15	6	SOU015-084	Antimony	111.19	mg/kg	Grid Value	99.39	UCL95
15	6	SOU015-102	Antimony	112.24	mg/kg	Grid Value	99.39	UCL95
15	6	SOU015-101	Antimony	95.94	mg/kg	Grid Value	99.39	UCL95
15	6	SOU015-100	Antimony	100.9	mg/kg	Grid Value	99.39	UCL95
15	6	SOU015-085	Antimony	97.46	mg/kg	Grid Value	99.39	UCL95
15	6	SOU015-083	Antimony	81.1	mg/kg	Grid Value	99.39	UCL95
15	6	SOU015-068	Antimony	63.18	mg/kg	Grid Value	99.39	UCL95
15	6	SOU015-067	Antimony	107.28	mg/kg	Grid Value	99.39	UCL95
15	6	SOU015-051	Antimony	84.84	mg/kg	Grid Value	99.39	UCL95
15	6	SOU015-049	Antimony	80.3	mg/kg	Grid Value	99.39	UCL95
15	6	SOU015-066	Antimony	90.73	mg/kg	Grid Value	99.39	UCL95
15	6	SOU015-083	Arsenic	11	mg/kg	Grid Value	12.03	UCL95
15	6	SOU015-049	Arsenic	11	mg/kg	Grid Value	12.03	UCL95
15	6	SOU015-050	Arsenic	7.66	mg/kg	Grid Value	12.03	UCL95
15	6	SOU015-051	Arsenic	11	mg/kg	Grid Value	12.03	UCL95
15	6	SOU015-066	Arsenic	11	mg/kg	Grid Value	12.03	UCL95
15	6	SOU015-084	Arsenic	11	mg/kg	Grid Value	12.03	UCL95
15	6	SOU015-085	Arsenic	10.64	mg/kg	Grid Value	12.03	UCL95
15	6	SOU015-100	Arsenic	6.91	mg/kg	Grid Value	12.03	UCL95
15	6	SOU015-101	Arsenic	7.04	mg/kg	Grid Value	12.03	UCL95
15	6	SOU015-102	Arsenic	11	mg/kg	Grid Value	12.03	UCL95
15	6	SOU015-067	Arsenic	10.2	mg/kg	Grid Value	12.03	UCL95
15	6	SOU015-068	Arsenic	18.04	mg/kg	Grid Value	12.03	UCL95
15	6	SOU015-084	Cadmium	14.62	mg/kg	Grid Value	25.04	UCL95
15	6	SOU015-102	Cadmium	15.36	mg/kg	Grid Value	25.04	UCL95
15	6	SOU015-101	Cadmium	12	mg/kg	Grid Value	25.04	UCL95
15	6	SOU015-085	Cadmium	12	mg/kg	Grid Value	25.04	UCL95
15	6	SOU015-083	Cadmium	12	mg/kg	Grid Value	25.04	UCL95
15	6	SOU015-067	Cadmium	1.5	mg/kg	Grid Value	25.04	UCL95
15	6	SOU015-066	Cadmium	12	mg/kg	Grid Value	25.04	UCL95
15	6	SOU015-051	Cadmium	12	mg/kg	Grid Value	25.04	UCL95
15	6	SOU015-050	Cadmium	12	mg/kg	Grid Value	25.04	UCL95
15	6	SOU015-049	Cadmium	12	mg/kg	Grid Value	25.04	UCL95
15	6	SOU015-068	Cadmium	0.037	mg/kg	Grid Value	25.04	UCL95
15	6	SOU015-100	Cadmium	15.17	mg/kg	Grid Value	25.04	UCL95
15	6	SOU015-050	Chromium	42.16	mg/kg	Grid Value	79.68	UCL95
15	6	SOU015-102	Chromium	85	mg/kg	Grid Value	79.68	UCL95
15	6	SOU015-101	Chromium	85	mg/kg	Grid Value	79.68	UCL95
15	6	SOU015-100	Chromium	85	mg/kg	Grid Value	79.68	UCL95
15	6	SOU015-085	Chromium	54.74	mg/kg	Grid Value	79.68	UCL95
15	6	SOU015-084	Chromium	85	mg/kg	Grid Value	79.68	UCL95
15	6	SOU015-083	Chromium	35.2	mg/kg	Grid Value	79.68	UCL95
15	6	SOU015-066	Chromium	85	mg/kg	Grid Value	79.68	UCL95
15	6	SOU015-049	Chromium	85	mg/kg	Grid Value	79.68	UCL95
15	6	SOU015-051	Chromium	85	mg/kg	Grid Value	79.68	UCL95
15	6	SOU015-068	Chromium	57.97	mg/kg	Grid Value	79.68	UCL95
15	6	SOU015-067	Chromium	43.2	mg/kg	Grid Value	79.68	UCL95
15	6	SOU015-102	Cobalt	9.9	mg/kg	Avg	11.29	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
15	6	SOU015-050	Cobalt	9.9	mg/kg	Avg	11.29	UCL95
15	6	SOU015-051	Cobalt	9.9	mg/kg	Avg	11.29	UCL95
15	6	SOU015-066	Cobalt	9.9	mg/kg	Avg	11.29	UCL95
15	6	SOU015-067	Cobalt	16.2	mg/kg	Grid Value	11.29	UCL95
15	6	SOU015-068	Cobalt	3.6	mg/kg	Grid Value	11.29	UCL95
15	6	SOU015-083	Cobalt	9.9	mg/kg	Avg	11.29	UCL95
15	6	SOU015-084	Cobalt	9.9	mg/kg	Avg	11.29	UCL95
15	6	SOU015-085	Cobalt	9.9	mg/kg	Avg	11.29	UCL95
15	6	SOU015-100	Cobalt	9.9	mg/kg	Avg	11.29	UCL95
15	6	SOU015-049	Cobalt	9.9	mg/kg	Avg	11.29	UCL95
15	6	SOU015-101	Cobalt	9.9	mg/kg	Avg	11.29	UCL95
15	6	SOU015-083	Copper	726.36	mg/kg	Grid Value	428	UCL95
15	6	SOU015-050	Copper	45.81	mg/kg	Grid Value	428	UCL95
15	6	SOU015-051	Copper	311.41	mg/kg	Grid Value	428	UCL95
15	6	SOU015-066	Copper	426.62	mg/kg	Grid Value	428	UCL95
15	6	SOU015-067	Copper	292	mg/kg	Grid Value	428	UCL95
15	6	SOU015-068	Copper	793.22	mg/kg	Grid Value	428	UCL95
15	6	SOU015-084	Copper	281.7	mg/kg	Grid Value	428	UCL95
15	6	SOU015-100	Copper	35	mg/kg	Grid Value	428	UCL95
15	6	SOU015-101	Copper	35	mg/kg	Grid Value	428	UCL95
15	6	SOU015-102	Copper	22.41	mg/kg	Grid Value	428	UCL95
15	6	SOU015-049	Copper	212.66	mg/kg	Grid Value	428	UCL95
15	6	SOU015-085	Copper	347.25	mg/kg	Grid Value	428	UCL95
15	6	SOU015-083	Iron	17286.74	mg/kg	Grid Value	32886	UCL95
15	6	SOU015-102	Iron	20503.3	mg/kg	Grid Value	32886	UCL95
15	6	SOU015-101	Iron	18230.24	mg/kg	Grid Value	32886	UCL95
15	6	SOU015-100	Iron	15599.63	mg/kg	Grid Value	32886	UCL95
15	6	SOU015-084	Iron	17438.58	mg/kg	Grid Value	32886	UCL95
15	6	SOU015-068	Iron	39568.21	mg/kg	Grid Value	32886	UCL95
15	6	SOU015-067	Iron	54500	mg/kg	Grid Value	32886	UCL95
15	6	SOU015-066	Iron	38664.12	mg/kg	Grid Value	32886	UCL95
15	6	SOU015-051	Iron	18717.45	mg/kg	Grid Value	32886	UCL95
15	6	SOU015-050	Iron	12349.78	mg/kg	Grid Value	32886	UCL95
15	6	SOU015-049	Iron	13601.26	mg/kg	Grid Value	32886	UCL95
15	6	SOU015-085	Iron	23034.53	mg/kg	Grid Value	32886	UCL95
15	6	SOU015-049	Manganese	470.27	mg/kg	Grid Value	696.3	UCL95
15	6	SOU015-102	Manganese	441.41	mg/kg	Grid Value	696.3	UCL95
15	6	SOU015-101	Manganese	408.54	mg/kg	Grid Value	696.3	UCL95
15	6	SOU015-100	Manganese	351.73	mg/kg	Grid Value	696.3	UCL95
15	6	SOU015-085	Manganese	1072.34	mg/kg	Grid Value	696.3	UCL95
15	6	SOU015-084	Manganese	334.7	mg/kg	Grid Value	696.3	UCL95
15	6	SOU015-083	Manganese	345.53	mg/kg	Grid Value	696.3	UCL95
15	6	SOU015-068	Manganese	825.09	mg/kg	Grid Value	696.3	UCL95
15	6	SOU015-067	Manganese	807	mg/kg	Grid Value	696.3	UCL95
15	6	SOU015-066	Manganese	880.37	mg/kg	Grid Value	696.3	UCL95
15	6	SOU015-050	Manganese	244.19	mg/kg	Grid Value	696.3	UCL95
15	6	SOU015-051	Manganese	514.43	mg/kg	Grid Value	696.3	UCL95
15	6	SOU015-067	Mercury	0.41	mg/kg	Grid Value	18.69	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
15	6	SOU015-102	Mercury	10	mg/kg	Grid Value	18.69	UCL95
15	6	SOU015-101	Mercury	7.83	mg/kg	Grid Value	18.69	UCL95
15	6	SOU015-100	Mercury	10	mg/kg	Grid Value	18.69	UCL95
15	6	SOU015-085	Mercury	10	mg/kg	Grid Value	18.69	UCL95
15	6	SOU015-084	Mercury	6.66	mg/kg	Grid Value	18.69	UCL95
15	6	SOU015-068	Mercury	0.0201	mg/kg	Grid Value	18.69	UCL95
15	6	SOU015-066	Mercury	10	mg/kg	Grid Value	18.69	UCL95
15	6	SOU015-051	Mercury	10	mg/kg	Grid Value	18.69	UCL95
15	6	SOU015-050	Mercury	10	mg/kg	Grid Value	18.69	UCL95
15	6	SOU015-049	Mercury	10	mg/kg	Grid Value	18.69	UCL95
15	6	SOU015-083	Mercury	10	mg/kg	Grid Value	18.69	UCL95
15	6	SOU015-102	Neptunium-237	0.323	pCi/g	Avg	0.493	UCL95
15	6	SOU015-050	Neptunium-237	0.323	pCi/g	Avg	0.493	UCL95
15	6	SOU015-051	Neptunium-237	0.323	pCi/g	Avg	0.493	UCL95
15	6	SOU015-066	Neptunium-237	0.323	pCi/g	Avg	0.493	UCL95
15	6	SOU015-067	Neptunium-237	0.64	pCi/g	Grid Value	0.493	UCL95
15	6	SOU015-068	Neptunium-237	0.006	pCi/g	Grid Value	0.493	UCL95
15	6	SOU015-083	Neptunium-237	0.323	pCi/g	Avg	0.493	UCL95
15	6	SOU015-084	Neptunium-237	0.323	pCi/g	Avg	0.493	UCL95
15	6	SOU015-085	Neptunium-237	0.323	pCi/g	Avg	0.493	UCL95
15	6	SOU015-100	Neptunium-237	0.323	pCi/g	Avg	0.493	UCL95
15	6	SOU015-049	Neptunium-237	0.323	pCi/g	Avg	0.493	UCL95
15	6	SOU015-101	Neptunium-237	0.323	pCi/g	Avg	0.493	UCL95
15	6	SOU015-067	Nickel	175.64	mg/kg	Grid Value	300.3	UCL95
15	6	SOU015-101	Nickel	91.44	mg/kg	Grid Value	300.3	UCL95
15	6	SOU015-100	Nickel	65	mg/kg	Grid Value	300.3	UCL95
15	6	SOU015-085	Nickel	245.52	mg/kg	Grid Value	300.3	UCL95
15	6	SOU015-084	Nickel	144.26	mg/kg	Grid Value	300.3	UCL95
15	6	SOU015-083	Nickel	232.27	mg/kg	Grid Value	300.3	UCL95
15	6	SOU015-068	Nickel	616.54	mg/kg	Grid Value	300.3	UCL95
15	6	SOU015-066	Nickel	334.16	mg/kg	Grid Value	300.3	UCL95
15	6	SOU015-050	Nickel	65	mg/kg	Grid Value	300.3	UCL95
15	6	SOU015-051	Nickel	161.17	mg/kg	Grid Value	300.3	UCL95
15	6	SOU015-102	Nickel	74.25	mg/kg	Grid Value	300.3	UCL95
15	6	SOU015-049	Nickel	381.27	mg/kg	Grid Value	300.3	UCL95
15	6	SOU015-101	PAH, Total	0.81575	mg/kg	Avg	1.249	UCL95
15	6	SOU015-051	PAH, Total	0.81575	mg/kg	Avg	1.249	UCL95
15	6	SOU015-049	PAH, Total	0.81575	mg/kg	Avg	1.249	UCL95
15	6	SOU015-102	PAH, Total	0.81575	mg/kg	Avg	1.249	UCL95
15	6	SOU015-100	PAH, Total	0.81575	mg/kg	Avg	1.249	UCL95
15	6	SOU015-085	PAH, Total	0.81575	mg/kg	Avg	1.249	UCL95
15	6	SOU015-084	PAH, Total	0.81575	mg/kg	Avg	1.249	UCL95
15	6	SOU015-083	PAH, Total	0.81575	mg/kg	Avg	1.249	UCL95
15	6	SOU015-068	PAH, Total	0.008	mg/kg	Grid Value	1.249	UCL95
15	6	SOU015-067	PAH, Total	1.6235	mg/kg	Grid Value	1.249	UCL95
15	6	SOU015-066	PAH, Total	0.81575	mg/kg	Avg	1.249	UCL95
15	6	SOU015-050	PAH, Total	0.81575	mg/kg	Avg	1.249	UCL95
15	6	SOU015-083	PCB, Total	5	mg/kg	Grid Value	6.165	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
15	6	SOU015-066	PCB, Total	5	mg/kg	Grid Value	6.165	UCL95
15	6	SOU015-050	PCB, Total	5	mg/kg	Grid Value	6.165	UCL95
15	6	SOU015-049	PCB, Total	5	mg/kg	Grid Value	6.165	UCL95
15	6	SOU015-051	PCB, Total	5	mg/kg	Grid Value	6.165	UCL95
15	6	SOU015-102	PCB, Total	5	mg/kg	Grid Value	6.165	UCL95
15	6	SOU015-084	PCB, Total	5	mg/kg	Grid Value	6.165	UCL95
15	6	SOU015-101	PCB, Total	5	mg/kg	Grid Value	6.165	UCL95
15	6	SOU015-085	PCB, Total	5	mg/kg	Grid Value	6.165	UCL95
15	6	SOU015-100	PCB, Total	5	mg/kg	Grid Value	6.165	UCL95
15	6	SOU015-068	PCB, Total	10	mg/kg	Grid Value	6.165	UCL95
15	6	SOU015-067	PCB, Total	5	mg/kg	Grid Value	6.165	UCL95
15	6	SOU015-083	Uranium	28.64	mg/kg	Grid Value	62.57	UCL95
15	6	SOU015-049	Uranium	43.78	mg/kg	Grid Value	62.57	UCL95
15	6	SOU015-102	Uranium	20	mg/kg	Grid Value	62.57	UCL95
15	6	SOU015-101	Uranium	20	mg/kg	Grid Value	62.57	UCL95
15	6	SOU015-100	Uranium	9.11	mg/kg	Grid Value	62.57	UCL95
15	6	SOU015-084	Uranium	32.46	mg/kg	Grid Value	62.57	UCL95
15	6	SOU015-067	Uranium	112	mg/kg	Grid Value	62.57	UCL95
15	6	SOU015-066	Uranium	32.98	mg/kg	Grid Value	62.57	UCL95
15	6	SOU015-051	Uranium	73.94	mg/kg	Grid Value	62.57	UCL95
15	6	SOU015-050	Uranium	20	mg/kg	Grid Value	62.57	UCL95
15	6	SOU015-085	Uranium	83.04	mg/kg	Grid Value	62.57	UCL95
15	6	SOU015-068	Uranium	74.77	mg/kg	Grid Value	62.57	UCL95
15	6	SOU015-067	Uranium-234	8.74	pCi/g	Grid Value	6.914	UCL95
15	6	SOU015-050	Uranium-234	4.8	pCi/g	Avg	6.914	UCL95
15	6	SOU015-051	Uranium-234	4.8	pCi/g	Avg	6.914	UCL95
15	6	SOU015-049	Uranium-234	4.8	pCi/g	Avg	6.914	UCL95
15	6	SOU015-068	Uranium-234	0.86	pCi/g	Grid Value	6.914	UCL95
15	6	SOU015-083	Uranium-234	4.8	pCi/g	Avg	6.914	UCL95
15	6	SOU015-084	Uranium-234	4.8	pCi/g	Avg	6.914	UCL95
15	6	SOU015-085	Uranium-234	4.8	pCi/g	Avg	6.914	UCL95
15	6	SOU015-100	Uranium-234	4.8	pCi/g	Avg	6.914	UCL95
15	6	SOU015-101	Uranium-234	4.8	pCi/g	Avg	6.914	UCL95
15	6	SOU015-102	Uranium-234	4.8	pCi/g	Avg	6.914	UCL95
15	6	SOU015-066	Uranium-234	4.8	pCi/g	Avg	6.914	UCL95
15	6	SOU015-101	Uranium-235	0.3075	pCi/g	Avg	0.448	UCL95
15	6	SOU015-067	Uranium-235	0.57	pCi/g	Grid Value	0.448	UCL95
15	6	SOU015-068	Uranium-235	0.045	pCi/g	Grid Value	0.448	UCL95
15	6	SOU015-051	Uranium-235	0.3075	pCi/g	Avg	0.448	UCL95
15	6	SOU015-066	Uranium-235	0.3075	pCi/g	Avg	0.448	UCL95
15	6	SOU015-084	Uranium-235	0.3075	pCi/g	Avg	0.448	UCL95
15	6	SOU015-085	Uranium-235	0.3075	pCi/g	Avg	0.448	UCL95
15	6	SOU015-100	Uranium-235	0.3075	pCi/g	Avg	0.448	UCL95
15	6	SOU015-083	Uranium-235	0.3075	pCi/g	Avg	0.448	UCL95
15	6	SOU015-102	Uranium-235	0.3075	pCi/g	Avg	0.448	UCL95
15	6	SOU015-049	Uranium-235	0.3075	pCi/g	Avg	0.448	UCL95
15	6	SOU015-050	Uranium-235	0.3075	pCi/g	Avg	0.448	UCL95
15	6	SOU015-101	Uranium-238	8.175	pCi/g	Avg	12.05	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
15	6	SOU015-084	Uranium-238	8.175	pCi/g	Avg	12.05	UCL95
15	6	SOU015-051	Uranium-238	8.175	pCi/g	Avg	12.05	UCL95
15	6	SOU015-068	Uranium-238	0.95	pCi/g	Grid Value	12.05	UCL95
15	6	SOU015-085	Uranium-238	8.175	pCi/g	Avg	12.05	UCL95
15	6	SOU015-083	Uranium-238	8.175	pCi/g	Avg	12.05	UCL95
15	6	SOU015-100	Uranium-238	8.175	pCi/g	Avg	12.05	UCL95
15	6	SOU015-102	Uranium-238	8.175	pCi/g	Avg	12.05	UCL95
15	6	SOU015-067	Uranium-238	15.4	pCi/g	Grid Value	12.05	UCL95
15	6	SOU015-049	Uranium-238	8.175	pCi/g	Avg	12.05	UCL95
15	6	SOU015-050	Uranium-238	8.175	pCi/g	Avg	12.05	UCL95
15	6	SOU015-066	Uranium-238	8.175	pCi/g	Avg	12.05	UCL95
15	7	SOU015-070	Aluminum	10753.33	mg/kg	Avg	11257	UCL95
15	7	SOU015-088	Aluminum	10753.33	mg/kg	Avg	11257	UCL95
15	7	SOU015-104	Aluminum	10753.33	mg/kg	Avg	11257	UCL95
15	7	SOU015-105	Aluminum	11000	mg/kg	Grid Value	11257	UCL95
15	7	SOU015-071	Aluminum	10753.33	mg/kg	Avg	11257	UCL95
15	7	SOU015-087	Aluminum	10753.33	mg/kg	Avg	11257	UCL95
15	7	SOU015-054	Aluminum	10753.33	mg/kg	Avg	11257	UCL95
15	7	SOU015-103	Aluminum	10753.33	mg/kg	Avg	11257	UCL95
15	7	SOU015-086	Aluminum	10753.33	mg/kg	Avg	11257	UCL95
15	7	SOU015-052	Aluminum	12900	mg/kg	Grid Value	11257	UCL95
15	7	SOU015-053	Aluminum	8360	mg/kg	Grid Value	11257	UCL95
15	7	SOU015-069	Aluminum	10753.33	mg/kg	Avg	11257	UCL95
15	7	SOU015-104	Antimony	93.32	mg/kg	Grid Value	141.4	UCL95
15	7	SOU015-105	Antimony	87.28	mg/kg	Grid Value	141.4	UCL95
15	7	SOU015-052	Antimony	137.58	mg/kg	Grid Value	141.4	UCL95
15	7	SOU015-053	Antimony	83.92	mg/kg	Grid Value	141.4	UCL95
15	7	SOU015-054	Antimony	104.6	mg/kg	Grid Value	141.4	UCL95
15	7	SOU015-069	Antimony	72.58	mg/kg	Grid Value	141.4	UCL95
15	7	SOU015-070	Antimony	136.13	mg/kg	Grid Value	141.4	UCL95
15	7	SOU015-103	Antimony	70.29	mg/kg	Grid Value	141.4	UCL95
15	7	SOU015-086	Antimony	126.64	mg/kg	Grid Value	141.4	UCL95
15	7	SOU015-087	Antimony	283.01	mg/kg	Grid Value	141.4	UCL95
15	7	SOU015-088	Antimony	73.06	mg/kg	Grid Value	141.4	UCL95
15	7	SOU015-071	Antimony	44.57	mg/kg	Grid Value	141.4	UCL95
15	7	SOU015-052	Arsenic	8.9	mg/kg	Grid Value	16.13	UCL95
15	7	SOU015-053	Arsenic	10.48	mg/kg	Grid Value	16.13	UCL95
15	7	SOU015-054	Arsenic	7.92	mg/kg	Grid Value	16.13	UCL95
15	7	SOU015-069	Arsenic	20.68	mg/kg	Grid Value	16.13	UCL95
15	7	SOU015-070	Arsenic	11	mg/kg	Grid Value	16.13	UCL95
15	7	SOU015-086	Arsenic	11	mg/kg	Grid Value	16.13	UCL95
15	7	SOU015-087	Arsenic	33.09	mg/kg	Grid Value	16.13	UCL95
15	7	SOU015-088	Arsenic	11	mg/kg	Grid Value	16.13	UCL95
15	7	SOU015-103	Arsenic	6.17	mg/kg	Grid Value	16.13	UCL95
15	7	SOU015-104	Arsenic	10.84	mg/kg	Grid Value	16.13	UCL95
15	7	SOU015-105	Arsenic	7.4	mg/kg	Grid Value	16.13	UCL95
15	7	SOU015-071	Arsenic	8.39	mg/kg	Grid Value	16.13	UCL95
15	7	SOU015-103	Cadmium	12	mg/kg	Grid Value	27.78	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
15	7	SOU015-052	Cadmium	17.97	mg/kg	Grid Value	27.78	UCL95
15	7	SOU015-104	Cadmium	12	mg/kg	Grid Value	27.78	UCL95
15	7	SOU015-087	Cadmium	12	mg/kg	Grid Value	27.78	UCL95
15	7	SOU015-105	Cadmium	0.034	mg/kg	Grid Value	27.78	UCL95
15	7	SOU015-054	Cadmium	12	mg/kg	Grid Value	27.78	UCL95
15	7	SOU015-088	Cadmium	12	mg/kg	Grid Value	27.78	UCL95
15	7	SOU015-053	Cadmium	1	mg/kg	Grid Value	27.78	UCL95
15	7	SOU015-086	Cadmium	17.79	mg/kg	Grid Value	27.78	UCL95
15	7	SOU015-071	Cadmium	12	mg/kg	Grid Value	27.78	UCL95
15	7	SOU015-070	Cadmium	16.92	mg/kg	Grid Value	27.78	UCL95
15	7	SOU015-069	Cadmium	12	mg/kg	Grid Value	27.78	UCL95
15	7	SOU015-053	Chromium	33	mg/kg	Grid Value	65.41	UCL95
15	7	SOU015-054	Chromium	32.45	mg/kg	Grid Value	65.41	UCL95
15	7	SOU015-069	Chromium	78.71	mg/kg	Grid Value	65.41	UCL95
15	7	SOU015-070	Chromium	39.71	mg/kg	Grid Value	65.41	UCL95
15	7	SOU015-071	Chromium	34.79	mg/kg	Grid Value	65.41	UCL95
15	7	SOU015-052	Chromium	63.93	mg/kg	Grid Value	65.41	UCL95
15	7	SOU015-103	Chromium	85	mg/kg	Grid Value	65.41	UCL95
15	7	SOU015-104	Chromium	41.62	mg/kg	Grid Value	65.41	UCL95
15	7	SOU015-105	Chromium	38.21	mg/kg	Grid Value	65.41	UCL95
15	7	SOU015-086	Chromium	39.54	mg/kg	Grid Value	65.41	UCL95
15	7	SOU015-088	Chromium	85	mg/kg	Grid Value	65.41	UCL95
15	7	SOU015-087	Chromium	77.06	mg/kg	Grid Value	65.41	UCL95
15	7	SOU015-086	Copper	563.19	mg/kg	Grid Value	602.4	UCL95
15	7	SOU015-071	Copper	27.45	mg/kg	Grid Value	602.4	UCL95
15	7	SOU015-070	Copper	468.54	mg/kg	Grid Value	602.4	UCL95
15	7	SOU015-105	Copper	12	mg/kg	Grid Value	602.4	UCL95
15	7	SOU015-069	Copper	1803.24	mg/kg	Grid Value	602.4	UCL95
15	7	SOU015-054	Copper	73.07	mg/kg	Grid Value	602.4	UCL95
15	7	SOU015-052	Copper	122.75	mg/kg	Grid Value	602.4	UCL95
15	7	SOU015-104	Copper	26.91	mg/kg	Grid Value	602.4	UCL95
15	7	SOU015-103	Copper	31.78	mg/kg	Grid Value	602.4	UCL95
15	7	SOU015-088	Copper	458.45	mg/kg	Grid Value	602.4	UCL95
15	7	SOU015-087	Copper	363.44	mg/kg	Grid Value	602.4	UCL95
15	7	SOU015-053	Copper	155	mg/kg	Grid Value	602.4	UCL95
15	7	SOU015-086	Iron	35188.88	mg/kg	Grid Value	34473	UCL95
15	7	SOU015-087	Iron	32276.05	mg/kg	Grid Value	34473	UCL95
15	7	SOU015-088	Iron	40923.79	mg/kg	Grid Value	34473	UCL95
15	7	SOU015-103	Iron	18812.2	mg/kg	Grid Value	34473	UCL95
15	7	SOU015-104	Iron	15500.01	mg/kg	Grid Value	34473	UCL95
15	7	SOU015-053	Iron	35200	mg/kg	Grid Value	34473	UCL95
15	7	SOU015-105	Iron	18379.36	mg/kg	Grid Value	34473	UCL95
15	7	SOU015-054	Iron	15206.21	mg/kg	Grid Value	34473	UCL95
15	7	SOU015-069	Iron	60521.86	mg/kg	Grid Value	34473	UCL95
15	7	SOU015-071	Iron	13693.18	mg/kg	Grid Value	34473	UCL95
15	7	SOU015-070	Iron	23269.38	mg/kg	Grid Value	34473	UCL95
15	7	SOU015-052	Iron	17100	mg/kg	Grid Value	34473	UCL95
15	7	SOU015-069	Manganese	2903.39	mg/kg	Grid Value	1168	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
15	7	SOU015-070	Manganese	631.86	mg/kg	Grid Value	1168	UCL95
15	7	SOU015-071	Manganese	422	mg/kg	Grid Value	1168	UCL95
15	7	SOU015-086	Manganese	727.44	mg/kg	Grid Value	1168	UCL95
15	7	SOU015-087	Manganese	614.43	mg/kg	Grid Value	1168	UCL95
15	7	SOU015-088	Manganese	928.4	mg/kg	Grid Value	1168	UCL95
15	7	SOU015-103	Manganese	303.43	mg/kg	Grid Value	1168	UCL95
15	7	SOU015-104	Manganese	586.21	mg/kg	Grid Value	1168	UCL95
15	7	SOU015-105	Manganese	567.22	mg/kg	Grid Value	1168	UCL95
15	7	SOU015-052	Manganese	232.71	mg/kg	Grid Value	1168	UCL95
15	7	SOU015-053	Manganese	499	mg/kg	Grid Value	1168	UCL95
15	7	SOU015-054	Manganese	253.89	mg/kg	Grid Value	1168	UCL95
15	7	SOU015-052	Nickel	94.38	mg/kg	Grid Value	558.6	UCL95
15	7	SOU015-105	Nickel	76.32	mg/kg	Grid Value	558.6	UCL95
15	7	SOU015-104	Nickel	73.64	mg/kg	Grid Value	558.6	UCL95
15	7	SOU015-103	Nickel	80.37	mg/kg	Grid Value	558.6	UCL95
15	7	SOU015-088	Nickel	610.38	mg/kg	Grid Value	558.6	UCL95
15	7	SOU015-087	Nickel	268.44	mg/kg	Grid Value	558.6	UCL95
15	7	SOU015-086	Nickel	355.01	mg/kg	Grid Value	558.6	UCL95
15	7	SOU015-071	Nickel	65	mg/kg	Grid Value	558.6	UCL95
15	7	SOU015-070	Nickel	297.56	mg/kg	Grid Value	558.6	UCL95
15	7	SOU015-069	Nickel	834.44	mg/kg	Grid Value	558.6	UCL95
15	7	SOU015-054	Nickel	65	mg/kg	Grid Value	558.6	UCL95
15	7	SOU015-053	Nickel	108.55	mg/kg	Grid Value	558.6	UCL95
15	7	SOU015-071	PAH, Total	0.08307	mg/kg	Avg	0.124	UCL95
15	7	SOU015-105	PAH, Total	0.08307	mg/kg	Avg	0.124	UCL95
15	7	SOU015-104	PAH, Total	0.08307	mg/kg	Avg	0.124	UCL95
15	7	SOU015-103	PAH, Total	0.08307	mg/kg	Avg	0.124	UCL95
15	7	SOU015-088	PAH, Total	0.08307	mg/kg	Avg	0.124	UCL95
15	7	SOU015-086	PAH, Total	0.08307	mg/kg	Avg	0.124	UCL95
15	7	SOU015-052	PAH, Total	0.0073	mg/kg	Grid Value	0.124	UCL95
15	7	SOU015-070	PAH, Total	0.08307	mg/kg	Avg	0.124	UCL95
15	7	SOU015-069	PAH, Total	0.08307	mg/kg	Avg	0.124	UCL95
15	7	SOU015-054	PAH, Total	0.08307	mg/kg	Avg	0.124	UCL95
15	7	SOU015-053	PAH, Total	0.15884	mg/kg	Grid Value	0.124	UCL95
15	7	SOU015-087	PAH, Total	0.08307	mg/kg	Avg	0.124	UCL95
15	7	SOU015-052	PCB, Total	50	mg/kg	Grid Value	25.54	UCL95
15	7	SOU015-088	PCB, Total	5	mg/kg	Grid Value	25.54	UCL95
15	7	SOU015-071	PCB, Total	5	mg/kg	Grid Value	25.54	UCL95
15	7	SOU015-103	PCB, Total	5	mg/kg	Grid Value	25.54	UCL95
15	7	SOU015-104	PCB, Total	5	mg/kg	Grid Value	25.54	UCL95
15	7	SOU015-105	PCB, Total	0.35	mg/kg	Grid Value	25.54	UCL95
15	7	SOU015-086	PCB, Total	5	mg/kg	Grid Value	25.54	UCL95
15	7	SOU015-070	PCB, Total	10	mg/kg	Grid Value	25.54	UCL95
15	7	SOU015-069	PCB, Total	10	mg/kg	Grid Value	25.54	UCL95
15	7	SOU015-054	PCB, Total	5	mg/kg	Grid Value	25.54	UCL95
15	7	SOU015-053	PCB, Total	0.34	mg/kg	Grid Value	25.54	UCL95
15	7	SOU015-087	PCB, Total	5	mg/kg	Grid Value	25.54	UCL95
15	7	SOU015-069	Uranium	73.85	mg/kg	Grid Value	53.43	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
15	7	SOU015-086	Uranium	48.82	mg/kg	Grid Value	53.43	UCL95
15	7	SOU015-054	Uranium	13.69	mg/kg	Grid Value	53.43	UCL95
15	7	SOU015-052	Uranium	40.93	mg/kg	Grid Value	53.43	UCL95
15	7	SOU015-070	Uranium	63.99	mg/kg	Grid Value	53.43	UCL95
15	7	SOU015-071	Uranium	21.68	mg/kg	Grid Value	53.43	UCL95
15	7	SOU015-105	Uranium	1.6	mg/kg	Grid Value	53.43	UCL95
15	7	SOU015-104	Uranium	7.36	mg/kg	Grid Value	53.43	UCL95
15	7	SOU015-103	Uranium	20	mg/kg	Grid Value	53.43	UCL95
15	7	SOU015-088	Uranium	49.55	mg/kg	Grid Value	53.43	UCL95
15	7	SOU015-087	Uranium	82.92	mg/kg	Grid Value	53.43	UCL95
15	7	SOU015-053	Uranium	50.9	mg/kg	Grid Value	53.43	UCL95
15	7	SOU015-071	Uranium-234	3.645	pCi/g	Avg	4.274	UCL95
15	7	SOU015-053	Uranium-234	6.49	pCi/g	Grid Value	4.274	UCL95
15	7	SOU015-054	Uranium-234	3.645	pCi/g	Avg	4.274	UCL95
15	7	SOU015-069	Uranium-234	3.645	pCi/g	Avg	4.274	UCL95
15	7	SOU015-070	Uranium-234	3.645	pCi/g	Avg	4.274	UCL95
15	7	SOU015-086	Uranium-234	3.645	pCi/g	Avg	4.274	UCL95
15	7	SOU015-087	Uranium-234	3.645	pCi/g	Avg	4.274	UCL95
15	7	SOU015-088	Uranium-234	3.645	pCi/g	Avg	4.274	UCL95
15	7	SOU015-103	Uranium-234	3.645	pCi/g	Avg	4.274	UCL95
15	7	SOU015-105	Uranium-234	3.645	pCi/g	Avg	4.274	UCL95
15	7	SOU015-052	Uranium-234	0.8	pCi/g	Grid Value	4.274	UCL95
15	7	SOU015-104	Uranium-234	3.645	pCi/g	Avg	4.274	UCL95
15	7	SOU015-052	Uranium-235	0.055	pCi/g	Grid Value	0.296	UCL95
15	7	SOU015-105	Uranium-235	0.2525	pCi/g	Avg	0.296	UCL95
15	7	SOU015-104	Uranium-235	0.2525	pCi/g	Avg	0.296	UCL95
15	7	SOU015-103	Uranium-235	0.2525	pCi/g	Avg	0.296	UCL95
15	7	SOU015-088	Uranium-235	0.2525	pCi/g	Avg	0.296	UCL95
15	7	SOU015-087	Uranium-235	0.2525	pCi/g	Avg	0.296	UCL95
15	7	SOU015-086	Uranium-235	0.2525	pCi/g	Avg	0.296	UCL95
15	7	SOU015-071	Uranium-235	0.2525	pCi/g	Avg	0.296	UCL95
15	7	SOU015-070	Uranium-235	0.2525	pCi/g	Avg	0.296	UCL95
15	7	SOU015-069	Uranium-235	0.2525	pCi/g	Avg	0.296	UCL95
15	7	SOU015-054	Uranium-235	0.2525	pCi/g	Avg	0.296	UCL95
15	7	SOU015-053	Uranium-235	0.45	pCi/g	Grid Value	0.296	UCL95
15	7	SOU015-087	Uranium-238	4.47	pCi/g	Avg	6.391	UCL95
15	7	SOU015-086	Uranium-238	4.47	pCi/g	Avg	6.391	UCL95
15	7	SOU015-071	Uranium-238	4.47	pCi/g	Avg	6.391	UCL95
15	7	SOU015-070	Uranium-238	4.47	pCi/g	Avg	6.391	UCL95
15	7	SOU015-103	Uranium-238	4.47	pCi/g	Avg	6.391	UCL95
15	7	SOU015-069	Uranium-238	4.47	pCi/g	Avg	6.391	UCL95
15	7	SOU015-104	Uranium-238	4.47	pCi/g	Avg	6.391	UCL95
15	7	SOU015-105	Uranium-238	4.47	pCi/g	Avg	6.391	UCL95
15	7	SOU015-054	Uranium-238	4.47	pCi/g	Avg	6.391	UCL95
15	7	SOU015-088	Uranium-238	4.47	pCi/g	Avg	6.391	UCL95
15	7	SOU015-053	Uranium-238	8.05	pCi/g	Grid Value	6.391	UCL95
15	7	SOU015-052	Uranium-238	0.89	pCi/g	Grid Value	6.391	UCL95
15	8	SOU015-056	Antimony	58.52	mg/kg	Grid Value	99.34	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
15	8	SOU015-075	Antimony	77.59	mg/kg	Grid Value	99.34	UCL95
15	8	SOU015-090	Antimony	83.33	mg/kg	Grid Value	99.34	UCL95
15	8	SOU015-091	Antimony	105.03	mg/kg	Grid Value	99.34	UCL95
15	8	SOU015-072	Antimony	87.03	mg/kg	Grid Value	99.34	UCL95
15	8	SOU015-074	Antimony	55.87	mg/kg	Grid Value	99.34	UCL95
15	8	SOU015-057	Antimony	116.05	mg/kg	Grid Value	99.34	UCL95
15	8	SOU015-055	Antimony	104.94	mg/kg	Grid Value	99.34	UCL95
15	8	SOU015-092	Antimony	61.94	mg/kg	Grid Value	99.34	UCL95
15	8	SOU015-073	Antimony	123.84	mg/kg	Grid Value	99.34	UCL95
15	8	SOU015-058	Antimony	100.79	mg/kg	Grid Value	99.34	UCL95
15	8	SOU015-089	Antimony	75.88	mg/kg	Grid Value	99.34	UCL95
15	8	SOU015-073	Arsenic	11.92	mg/kg	Grid Value	11.42	UCL95
15	8	SOU015-092	Arsenic	11	mg/kg	Grid Value	11.42	UCL95
15	8	SOU015-091	Arsenic	11	mg/kg	Grid Value	11.42	UCL95
15	8	SOU015-090	Arsenic	13.83	mg/kg	Grid Value	11.42	UCL95
15	8	SOU015-089	Arsenic	12.06	mg/kg	Grid Value	11.42	UCL95
15	8	SOU015-074	Arsenic	9.82	mg/kg	Grid Value	11.42	UCL95
15	8	SOU015-072	Arsenic	4.7	mg/kg	Grid Value	11.42	UCL95
15	8	SOU015-058	Arsenic	6.23	mg/kg	Grid Value	11.42	UCL95
15	8	SOU015-057	Arsenic	10.47	mg/kg	Grid Value	11.42	UCL95
15	8	SOU015-056	Arsenic	9.3	mg/kg	Grid Value	11.42	UCL95
15	8	SOU015-055	Arsenic	8.89	mg/kg	Grid Value	11.42	UCL95
15	8	SOU015-075	Arsenic	11.87	mg/kg	Grid Value	11.42	UCL95
15	8	SOU015-055	Cadmium	12	mg/kg	Grid Value	16.82	UCL95
15	8	SOU015-092	Cadmium	12	mg/kg	Grid Value	16.82	UCL95
15	8	SOU015-091	Cadmium	12	mg/kg	Grid Value	16.82	UCL95
15	8	SOU015-090	Cadmium	12	mg/kg	Grid Value	16.82	UCL95
15	8	SOU015-089	Cadmium	0.74	mg/kg	Grid Value	16.82	UCL95
15	8	SOU015-075	Cadmium	12	mg/kg	Grid Value	16.82	UCL95
15	8	SOU015-074	Cadmium	12	mg/kg	Grid Value	16.82	UCL95
15	8	SOU015-073	Cadmium	16.59	mg/kg	Grid Value	16.82	UCL95
15	8	SOU015-072	Cadmium	16.9	mg/kg	Grid Value	16.82	UCL95
15	8	SOU015-058	Cadmium	12	mg/kg	Grid Value	16.82	UCL95
15	8	SOU015-057	Cadmium	12	mg/kg	Grid Value	16.82	UCL95
15	8	SOU015-056	Cadmium	12	mg/kg	Grid Value	16.82	UCL95
15	8	SOU015-074	Chromium	85	mg/kg	Grid Value	75.33	UCL95
15	8	SOU015-072	Chromium	41.84	mg/kg	Grid Value	75.33	UCL95
15	8	SOU015-058	Chromium	97.61	mg/kg	Grid Value	75.33	UCL95
15	8	SOU015-057	Chromium	85	mg/kg	Grid Value	75.33	UCL95
15	8	SOU015-092	Chromium	85	mg/kg	Grid Value	75.33	UCL95
15	8	SOU015-056	Chromium	37.97	mg/kg	Grid Value	75.33	UCL95
15	8	SOU015-055	Chromium	49.77	mg/kg	Grid Value	75.33	UCL95
15	8	SOU015-091	Chromium	39.43	mg/kg	Grid Value	75.33	UCL95
15	8	SOU015-090	Chromium	46.2	mg/kg	Grid Value	75.33	UCL95
15	8	SOU015-089	Chromium	63.73	mg/kg	Grid Value	75.33	UCL95
15	8	SOU015-073	Chromium	85	mg/kg	Grid Value	75.33	UCL95
15	8	SOU015-075	Chromium	49.75	mg/kg	Grid Value	75.33	UCL95
15	8	SOU015-092	Iron	22168.98	mg/kg	Grid Value	28258	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
15	8	SOU015-056	Iron	17494.35	mg/kg	Grid Value	28258	UCL95
15	8	SOU015-057	Iron	22541.31	mg/kg	Grid Value	28258	UCL95
15	8	SOU015-058	Iron	28634.22	mg/kg	Grid Value	28258	UCL95
15	8	SOU015-072	Iron	15700.96	mg/kg	Grid Value	28258	UCL95
15	8	SOU015-074	Iron	22716.11	mg/kg	Grid Value	28258	UCL95
15	8	SOU015-073	Iron	23339.93	mg/kg	Grid Value	28258	UCL95
15	8	SOU015-091	Iron	12853.94	mg/kg	Grid Value	28258	UCL95
15	8	SOU015-090	Iron	24278.25	mg/kg	Grid Value	28258	UCL95
15	8	SOU015-075	Iron	39124.51	mg/kg	Grid Value	28258	UCL95
15	8	SOU015-055	Iron	33899.68	mg/kg	Grid Value	28258	UCL95
15	8	SOU015-089	Iron	29600	mg/kg	Grid Value	28258	UCL95
15	8	SOU015-092	Manganese	565.18	mg/kg	Grid Value	602.8	UCL95
15	8	SOU015-072	Manganese	449	mg/kg	Grid Value	602.8	UCL95
15	8	SOU015-058	Manganese	542.37	mg/kg	Grid Value	602.8	UCL95
15	8	SOU015-057	Manganese	409.65	mg/kg	Grid Value	602.8	UCL95
15	8	SOU015-056	Manganese	258.98	mg/kg	Grid Value	602.8	UCL95
15	8	SOU015-055	Manganese	342.36	mg/kg	Grid Value	602.8	UCL95
15	8	SOU015-074	Manganese	387.4	mg/kg	Grid Value	602.8	UCL95
15	8	SOU015-075	Manganese	934.59	mg/kg	Grid Value	602.8	UCL95
15	8	SOU015-089	Manganese	889.9	mg/kg	Grid Value	602.8	UCL95
15	8	SOU015-090	Manganese	387.3	mg/kg	Grid Value	602.8	UCL95
15	8	SOU015-073	Manganese	422.51	mg/kg	Grid Value	602.8	UCL95
15	8	SOU015-091	Manganese	305.78	mg/kg	Grid Value	602.8	UCL95
15	8	SOU015-074	Mercury	10	mg/kg	Grid Value	17.33	UCL95
15	8	SOU015-056	Mercury	10	mg/kg	Grid Value	17.33	UCL95
15	8	SOU015-057	Mercury	10	mg/kg	Grid Value	17.33	UCL95
15	8	SOU015-058	Mercury	10	mg/kg	Grid Value	17.33	UCL95
15	8	SOU015-072	Mercury	0.021	mg/kg	Grid Value	17.33	UCL95
15	8	SOU015-073	Mercury	10	mg/kg	Grid Value	17.33	UCL95
15	8	SOU015-075	Mercury	10.04	mg/kg	Grid Value	17.33	UCL95
15	8	SOU015-090	Mercury	10	mg/kg	Grid Value	17.33	UCL95
15	8	SOU015-091	Mercury	10	mg/kg	Grid Value	17.33	UCL95
15	8	SOU015-092	Mercury	10	mg/kg	Grid Value	17.33	UCL95
15	8	SOU015-055	Mercury	10	mg/kg	Grid Value	17.33	UCL95
15	8	SOU015-089	Mercury	9.03	mg/kg	Grid Value	17.33	UCL95
15	8	SOU015-072	Neptunium-237	0.013	pCi/g	Grid Value	0.283	UCL95
15	8	SOU015-056	Neptunium-237	0.189	pCi/g	Avg	0.283	UCL95
15	8	SOU015-091	Neptunium-237	0.189	pCi/g	Avg	0.283	UCL95
15	8	SOU015-055	Neptunium-237	0.189	pCi/g	Avg	0.283	UCL95
15	8	SOU015-058	Neptunium-237	0.189	pCi/g	Avg	0.283	UCL95
15	8	SOU015-057	Neptunium-237	0.189	pCi/g	Avg	0.283	UCL95
15	8	SOU015-073	Neptunium-237	0.189	pCi/g	Avg	0.283	UCL95
15	8	SOU015-092	Neptunium-237	0.189	pCi/g	Avg	0.283	UCL95
15	8	SOU015-074	Neptunium-237	0.189	pCi/g	Avg	0.283	UCL95
15	8	SOU015-075	Neptunium-237	0.189	pCi/g	Avg	0.283	UCL95
15	8	SOU015-089	Neptunium-237	0.365	pCi/g	Grid Value	0.283	UCL95
15	8	SOU015-090	Neptunium-237	0.189	pCi/g	Avg	0.283	UCL95
15	8	SOU015-073	Nickel	135.44	mg/kg	Grid Value	182.3	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
15	8	SOU015-075	Nickel	318.08	mg/kg	Grid Value	182.3	UCL95
15	8	SOU015-072	Nickel	87.55	mg/kg	Grid Value	182.3	UCL95
15	8	SOU015-090	Nickel	139.37	mg/kg	Grid Value	182.3	UCL95
15	8	SOU015-058	Nickel	238.93	mg/kg	Grid Value	182.3	UCL95
15	8	SOU015-092	Nickel	190.46	mg/kg	Grid Value	182.3	UCL95
15	8	SOU015-074	Nickel	170.72	mg/kg	Grid Value	182.3	UCL95
15	8	SOU015-091	Nickel	82.73	mg/kg	Grid Value	182.3	UCL95
15	8	SOU015-056	Nickel	65	mg/kg	Grid Value	182.3	UCL95
15	8	SOU015-055	Nickel	65	mg/kg	Grid Value	182.3	UCL95
15	8	SOU015-089	Nickel	97.5	mg/kg	Grid Value	182.3	UCL95
15	8	SOU015-057	Nickel	120.23	mg/kg	Grid Value	182.3	UCL95
15	8	SOU015-058	PAH, Total	0.188395	mg/kg	Avg	0.28	UCL95
15	8	SOU015-055	PAH, Total	0.188395	mg/kg	Avg	0.28	UCL95
15	8	SOU015-057	PAH, Total	0.188395	mg/kg	Avg	0.28	UCL95
15	8	SOU015-072	PAH, Total	0.018	mg/kg	Grid Value	0.28	UCL95
15	8	SOU015-073	PAH, Total	0.188395	mg/kg	Avg	0.28	UCL95
15	8	SOU015-074	PAH, Total	0.188395	mg/kg	Avg	0.28	UCL95
15	8	SOU015-090	PAH, Total	0.188395	mg/kg	Avg	0.28	UCL95
15	8	SOU015-089	PAH, Total	0.35879	mg/kg	Grid Value	0.28	UCL95
15	8	SOU015-092	PAH, Total	0.188395	mg/kg	Avg	0.28	UCL95
15	8	SOU015-091	PAH, Total	0.188395	mg/kg	Avg	0.28	UCL95
15	8	SOU015-075	PAH, Total	0.188395	mg/kg	Avg	0.28	UCL95
15	8	SOU015-056	PAH, Total	0.188395	mg/kg	Avg	0.28	UCL95
15	8	SOU015-091	PCB, Total	5	mg/kg	Grid Value	6.288	UCL95
15	8	SOU015-074	PCB, Total	5	mg/kg	Grid Value	6.288	UCL95
15	8	SOU015-073	PCB, Total	5	mg/kg	Grid Value	6.288	UCL95
15	8	SOU015-072	PCB, Total	0.36	mg/kg	Grid Value	6.288	UCL95
15	8	SOU015-058	PCB, Total	5	mg/kg	Grid Value	6.288	UCL95
15	8	SOU015-057	PCB, Total	5	mg/kg	Grid Value	6.288	UCL95
15	8	SOU015-056	PCB, Total	5	mg/kg	Grid Value	6.288	UCL95
15	8	SOU015-055	PCB, Total	5	mg/kg	Grid Value	6.288	UCL95
15	8	SOU015-090	PCB, Total	5	mg/kg	Grid Value	6.288	UCL95
15	8	SOU015-092	PCB, Total	5	mg/kg	Grid Value	6.288	UCL95
15	8	SOU015-075	PCB, Total	5	mg/kg	Grid Value	6.288	UCL95
15	8	SOU015-089	PCB, Total	4.9	mg/kg	Grid Value	6.288	UCL95
15	8	SOU015-073	Uranium	43.23	mg/kg	Grid Value	44.55	UCL95
15	8	SOU015-072	Uranium	42.17	mg/kg	Grid Value	44.55	UCL95
15	8	SOU015-056	Uranium	12.89	mg/kg	Grid Value	44.55	UCL95
15	8	SOU015-058	Uranium	59.79	mg/kg	Grid Value	44.55	UCL95
15	8	SOU015-055	Uranium	7.69	mg/kg	Grid Value	44.55	UCL95
15	8	SOU015-075	Uranium	23.27	mg/kg	Grid Value	44.55	UCL95
15	8	SOU015-074	Uranium	40.18	mg/kg	Grid Value	44.55	UCL95
15	8	SOU015-092	Uranium	81.68	mg/kg	Grid Value	44.55	UCL95
15	8	SOU015-089	Uranium	24.2	mg/kg	Grid Value	44.55	UCL95
15	8	SOU015-090	Uranium	19.5	mg/kg	Grid Value	44.55	UCL95
15	8	SOU015-091	Uranium	11.13	mg/kg	Grid Value	44.55	UCL95
15	8	SOU015-057	Uranium	33.49	mg/kg	Grid Value	44.55	UCL95
15	8	SOU015-074	Uranium-238	3.92	pCi/g	Avg	4.521	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
15	8	SOU015-092	Uranium-238	3.92	pCi/g	Avg	4.521	UCL95
15	8	SOU015-090	Uranium-238	3.92	pCi/g	Avg	4.521	UCL95
15	8	SOU015-089	Uranium-238	6.64	pCi/g	Grid Value	4.521	UCL95
15	8	SOU015-075	Uranium-238	3.92	pCi/g	Avg	4.521	UCL95
15	8	SOU015-073	Uranium-238	3.92	pCi/g	Avg	4.521	UCL95
15	8	SOU015-055	Uranium-238	3.92	pCi/g	Avg	4.521	UCL95
15	8	SOU015-056	Uranium-238	3.92	pCi/g	Avg	4.521	UCL95
15	8	SOU015-057	Uranium-238	3.92	pCi/g	Avg	4.521	UCL95
15	8	SOU015-091	Uranium-238	3.92	pCi/g	Avg	4.521	UCL95
15	8	SOU015-072	Uranium-238	1.2	pCi/g	Grid Value	4.521	UCL95
15	8	SOU015-058	Uranium-238	3.92	pCi/g	Avg	4.521	UCL95
15	9	SOU015-079	Antimony	140.77	mg/kg	Grid Value	122.4	UCL95
15	9	SOU015-060	Antimony	50.14	mg/kg	Grid Value	122.4	UCL95
15	9	SOU015-062	Antimony	91.9	mg/kg	Grid Value	122.4	UCL95
15	9	SOU015-076	Antimony	84.32	mg/kg	Grid Value	122.4	UCL95
15	9	SOU015-078	Antimony	135.79	mg/kg	Grid Value	122.4	UCL95
15	9	SOU015-059	Antimony	111.99	mg/kg	Grid Value	122.4	UCL95
15	9	SOU015-093	Antimony	104.64	mg/kg	Grid Value	122.4	UCL95
15	9	SOU015-094	Antimony	110.78	mg/kg	Grid Value	122.4	UCL95
15	9	SOU015-095	Antimony	80.11	mg/kg	Grid Value	122.4	UCL95
15	9	SOU015-096	Antimony	119.06	mg/kg	Grid Value	122.4	UCL95
15	9	SOU015-077	Antimony	161.37	mg/kg	Grid Value	122.4	UCL95
15	9	SOU015-061	Antimony	89.22	mg/kg	Grid Value	122.4	UCL95
15	9	SOU015-077	Arsenic	7.6	mg/kg	Grid Value	13.09	UCL95
15	9	SOU015-096	Arsenic	7.89	mg/kg	Grid Value	13.09	UCL95
15	9	SOU015-095	Arsenic	6.78	mg/kg	Grid Value	13.09	UCL95
15	9	SOU015-094	Arsenic	10.77	mg/kg	Grid Value	13.09	UCL95
15	9	SOU015-093	Arsenic	12.41	mg/kg	Grid Value	13.09	UCL95
15	9	SOU015-078	Arsenic	23.59	mg/kg	Grid Value	13.09	UCL95
15	9	SOU015-076	Arsenic	11	mg/kg	Grid Value	13.09	UCL95
15	9	SOU015-062	Arsenic	11	mg/kg	Grid Value	13.09	UCL95
15	9	SOU015-061	Arsenic	10.23	mg/kg	Grid Value	13.09	UCL95
15	9	SOU015-060	Arsenic	6.25	mg/kg	Grid Value	13.09	UCL95
15	9	SOU015-059	Arsenic	8.16	mg/kg	Grid Value	13.09	UCL95
15	9	SOU015-079	Arsenic	5.89	mg/kg	Grid Value	13.09	UCL95
15	9	SOU015-059	Cadmium	12	mg/kg	Grid Value	28.07	UCL95
15	9	SOU015-096	Cadmium	12	mg/kg	Grid Value	28.07	UCL95
15	9	SOU015-095	Cadmium	12	mg/kg	Grid Value	28.07	UCL95
15	9	SOU015-094	Cadmium	12	mg/kg	Grid Value	28.07	UCL95
15	9	SOU015-093	Cadmium	0.075	mg/kg	Grid Value	28.07	UCL95
15	9	SOU015-079	Cadmium	15.86	mg/kg	Grid Value	28.07	UCL95
15	9	SOU015-078	Cadmium	21.56	mg/kg	Grid Value	28.07	UCL95
15	9	SOU015-077	Cadmium	12	mg/kg	Grid Value	28.07	UCL95
15	9	SOU015-076	Cadmium	12	mg/kg	Grid Value	28.07	UCL95
15	9	SOU015-062	Cadmium	12	mg/kg	Grid Value	28.07	UCL95
15	9	SOU015-061	Cadmium	12	mg/kg	Grid Value	28.07	UCL95
15	9	SOU015-060	Cadmium	0.026	mg/kg	Grid Value	28.07	UCL95
15	9	SOU015-095	Chromium	85	mg/kg	Grid Value	89.23	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
15	9	SOU015-094	Chromium	51.88	mg/kg	Grid Value	89.23	UCL95
15	9	SOU015-093	Chromium	140.57	mg/kg	Grid Value	89.23	UCL95
15	9	SOU015-076	Chromium	85	mg/kg	Grid Value	89.23	UCL95
15	9	SOU015-062	Chromium	85	mg/kg	Grid Value	89.23	UCL95
15	9	SOU015-078	Chromium	53.77	mg/kg	Grid Value	89.23	UCL95
15	9	SOU015-061	Chromium	59.41	mg/kg	Grid Value	89.23	UCL95
15	9	SOU015-077	Chromium	85	mg/kg	Grid Value	89.23	UCL95
15	9	SOU015-060	Chromium	37.69	mg/kg	Grid Value	89.23	UCL95
15	9	SOU015-096	Chromium	85	mg/kg	Grid Value	89.23	UCL95
15	9	SOU015-059	Chromium	85	mg/kg	Grid Value	89.23	UCL95
15	9	SOU015-079	Chromium	45.93	mg/kg	Grid Value	89.23	UCL95
15	9	SOU015-061	Iron	22452.18	mg/kg	Grid Value	30196	UCL95
15	9	SOU015-077	Iron	9780.59	mg/kg	Grid Value	30196	UCL95
15	9	SOU015-078	Iron	42171.73	mg/kg	Grid Value	30196	UCL95
15	9	SOU015-079	Iron	31910.3	mg/kg	Grid Value	30196	UCL95
15	9	SOU015-094	Iron	34774.83	mg/kg	Grid Value	30196	UCL95
15	9	SOU015-062	Iron	21777.62	mg/kg	Grid Value	30196	UCL95
15	9	SOU015-060	Iron	16805.3	mg/kg	Grid Value	30196	UCL95
15	9	SOU015-059	Iron	21393.82	mg/kg	Grid Value	30196	UCL95
15	9	SOU015-093	Iron	32445.8	mg/kg	Grid Value	30196	UCL95
15	9	SOU015-076	Iron	31498.46	mg/kg	Grid Value	30196	UCL95
15	9	SOU015-096	Iron	15804.09	mg/kg	Grid Value	30196	UCL95
15	9	SOU015-095	Iron	23758.31	mg/kg	Grid Value	30196	UCL95
15	9	SOU015-096	Manganese	435.57	mg/kg	Grid Value	1566	UCL95
15	9	SOU015-076	Manganese	797.34	mg/kg	Grid Value	1566	UCL95
15	9	SOU015-062	Manganese	599.67	mg/kg	Grid Value	1566	UCL95
15	9	SOU015-061	Manganese	805.63	mg/kg	Grid Value	1566	UCL95
15	9	SOU015-060	Manganese	447	mg/kg	Grid Value	1566	UCL95
15	9	SOU015-059	Manganese	463.05	mg/kg	Grid Value	1566	UCL95
15	9	SOU015-078	Manganese	2716.85	mg/kg	Grid Value	1566	UCL95
15	9	SOU015-079	Manganese	476.7	mg/kg	Grid Value	1566	UCL95
15	9	SOU015-093	Manganese	724.35	mg/kg	Grid Value	1566	UCL95
15	9	SOU015-094	Manganese	439.43	mg/kg	Grid Value	1566	UCL95
15	9	SOU015-077	Manganese	365.44	mg/kg	Grid Value	1566	UCL95
15	9	SOU015-095	Manganese	858.29	mg/kg	Grid Value	1566	UCL95
15	9	SOU015-060	Mercury	0.0196	mg/kg	Grid Value	17.39	UCL95
15	9	SOU015-061	Mercury	10	mg/kg	Grid Value	17.39	UCL95
15	9	SOU015-076	Mercury	10	mg/kg	Grid Value	17.39	UCL95
15	9	SOU015-077	Mercury	10	mg/kg	Grid Value	17.39	UCL95
15	9	SOU015-078	Mercury	10	mg/kg	Grid Value	17.39	UCL95
15	9	SOU015-079	Mercury	10	mg/kg	Grid Value	17.39	UCL95
15	9	SOU015-093	Mercury	6.54	mg/kg	Grid Value	17.39	UCL95
15	9	SOU015-094	Mercury	10	mg/kg	Grid Value	17.39	UCL95
15	9	SOU015-095	Mercury	10	mg/kg	Grid Value	17.39	UCL95
15	9	SOU015-096	Mercury	10	mg/kg	Grid Value	17.39	UCL95
15	9	SOU015-059	Mercury	10	mg/kg	Grid Value	17.39	UCL95
15	9	SOU015-062	Mercury	10	mg/kg	Grid Value	17.39	UCL95
15	9	SOU015-060	Nickel	107.29	mg/kg	Grid Value	149.2	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
15	9	SOU015-096	Nickel	93.54	mg/kg	Grid Value	149.2	UCL95
15	9	SOU015-095	Nickel	65	mg/kg	Grid Value	149.2	UCL95
15	9	SOU015-094	Nickel	128.22	mg/kg	Grid Value	149.2	UCL95
15	9	SOU015-093	Nickel	175.85	mg/kg	Grid Value	149.2	UCL95
15	9	SOU015-079	Nickel	65	mg/kg	Grid Value	149.2	UCL95
15	9	SOU015-078	Nickel	116.05	mg/kg	Grid Value	149.2	UCL95
15	9	SOU015-077	Nickel	73.65	mg/kg	Grid Value	149.2	UCL95
15	9	SOU015-076	Nickel	202.7	mg/kg	Grid Value	149.2	UCL95
15	9	SOU015-061	Nickel	66.85	mg/kg	Grid Value	149.2	UCL95
15	9	SOU015-059	Nickel	157.46	mg/kg	Grid Value	149.2	UCL95
15	9	SOU015-062	Nickel	208.34	mg/kg	Grid Value	149.2	UCL95
15	9	SOU015-061	PAH, Total	0.12306	mg/kg	Avg	0.185	UCL95
15	9	SOU015-079	PAH, Total	0.12306	mg/kg	Avg	0.185	UCL95
15	9	SOU015-077	PAH, Total	0.12306	mg/kg	Avg	0.185	UCL95
15	9	SOU015-059	PAH, Total	0.12306	mg/kg	Avg	0.185	UCL95
15	9	SOU015-078	PAH, Total	0.12306	mg/kg	Avg	0.185	UCL95
15	9	SOU015-060	PAH, Total	0.0078	mg/kg	Grid Value	0.185	UCL95
15	9	SOU015-062	PAH, Total	0.12306	mg/kg	Avg	0.185	UCL95
15	9	SOU015-093	PAH, Total	0.23832	mg/kg	Grid Value	0.185	UCL95
15	9	SOU015-094	PAH, Total	0.12306	mg/kg	Avg	0.185	UCL95
15	9	SOU015-095	PAH, Total	0.12306	mg/kg	Avg	0.185	UCL95
15	9	SOU015-096	PAH, Total	0.12306	mg/kg	Avg	0.185	UCL95
15	9	SOU015-076	PAH, Total	0.12306	mg/kg	Avg	0.185	UCL95
15	9	SOU015-059	PCB, Total	5	mg/kg	Grid Value	6.506	UCL95
15	9	SOU015-096	PCB, Total	5	mg/kg	Grid Value	6.506	UCL95
15	9	SOU015-061	PCB, Total	5	mg/kg	Grid Value	6.506	UCL95
15	9	SOU015-062	PCB, Total	5	mg/kg	Grid Value	6.506	UCL95
15	9	SOU015-076	PCB, Total	5	mg/kg	Grid Value	6.506	UCL95
15	9	SOU015-060	PCB, Total	0.35	mg/kg	Grid Value	6.506	UCL95
15	9	SOU015-077	PCB, Total	5	mg/kg	Grid Value	6.506	UCL95
15	9	SOU015-079	PCB, Total	5	mg/kg	Grid Value	6.506	UCL95
15	9	SOU015-093	PCB, Total	0.33	mg/kg	Grid Value	6.506	UCL95
15	9	SOU015-095	PCB, Total	5	mg/kg	Grid Value	6.506	UCL95
15	9	SOU015-078	PCB, Total	5	mg/kg	Grid Value	6.506	UCL95
15	9	SOU015-094	PCB, Total	5	mg/kg	Grid Value	6.506	UCL95
15	9	SOU015-060	Uranium	20.33	mg/kg	Grid Value	30.66	UCL95
15	9	SOU015-095	Uranium	25.33	mg/kg	Grid Value	30.66	UCL95
15	9	SOU015-096	Uranium	12.6	mg/kg	Grid Value	30.66	UCL95
15	9	SOU015-062	Uranium	38.85	mg/kg	Grid Value	30.66	UCL95
15	9	SOU015-093	Uranium	43.96	mg/kg	Grid Value	30.66	UCL95
15	9	SOU015-061	Uranium	20	mg/kg	Grid Value	30.66	UCL95
15	9	SOU015-076	Uranium	32.69	mg/kg	Grid Value	30.66	UCL95
15	9	SOU015-077	Uranium	28.76	mg/kg	Grid Value	30.66	UCL95
15	9	SOU015-078	Uranium	27.22	mg/kg	Grid Value	30.66	UCL95
15	9	SOU015-079	Uranium	21.21	mg/kg	Grid Value	30.66	UCL95
15	9	SOU015-094	Uranium	18.65	mg/kg	Grid Value	30.66	UCL95
15	9	SOU015-059	Uranium	22.72	mg/kg	Grid Value	30.66	UCL95
15	9	SOU015-093	Uranium-238	7.12	pCi/g	Grid Value	4.682	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
15	9	SOU015-077	Uranium-238	3.99	pCi/g	Avg	4.682	UCL95
15	9	SOU015-079	Uranium-238	3.99	pCi/g	Avg	4.682	UCL95
15	9	SOU015-076	Uranium-238	3.99	pCi/g	Avg	4.682	UCL95
15	9	SOU015-062	Uranium-238	3.99	pCi/g	Avg	4.682	UCL95
15	9	SOU015-061	Uranium-238	3.99	pCi/g	Avg	4.682	UCL95
15	9	SOU015-060	Uranium-238	0.86	pCi/g	Grid Value	4.682	UCL95
15	9	SOU015-059	Uranium-238	3.99	pCi/g	Avg	4.682	UCL95
15	9	SOU015-095	Uranium-238	3.99	pCi/g	Avg	4.682	UCL95
15	9	SOU015-096	Uranium-238	3.99	pCi/g	Avg	4.682	UCL95
15	9	SOU015-078	Uranium-238	3.99	pCi/g	Avg	4.682	UCL95
15	9	SOU015-094	Uranium-238	3.99	pCi/g	Avg	4.682	UCL95
15	9	SOU015-078	Vanadium	70	mg/kg	Grid Value	73.29	UCL95
15	9	SOU015-062	Vanadium	70	mg/kg	Grid Value	73.29	UCL95
15	9	SOU015-061	Vanadium	70	mg/kg	Grid Value	73.29	UCL95
15	9	SOU015-060	Vanadium	68.62	mg/kg	Grid Value	73.29	UCL95
15	9	SOU015-077	Vanadium	70	mg/kg	Grid Value	73.29	UCL95
15	9	SOU015-079	Vanadium	70	mg/kg	Grid Value	73.29	UCL95
15	9	SOU015-093	Vanadium	31.9	mg/kg	Grid Value	73.29	UCL95
15	9	SOU015-094	Vanadium	70	mg/kg	Grid Value	73.29	UCL95
15	9	SOU015-095	Vanadium	77.92	mg/kg	Grid Value	73.29	UCL95
15	9	SOU015-096	Vanadium	70	mg/kg	Grid Value	73.29	UCL95
15	9	SOU015-059	Vanadium	70	mg/kg	Grid Value	73.29	UCL95
15	9	SOU015-076	Vanadium	70	mg/kg	Grid Value	73.29	UCL95
204	1	SOU204-004	Aluminum	11000	mg/kg	Grid Value	11768	UCL95
204	1	SOU204-011	Aluminum	11050	mg/kg	Avg	11768	UCL95
204	1	SOU204-013	Aluminum	7900	mg/kg	Grid Value	11768	UCL95
204	1	SOU204-012	Aluminum	11050	mg/kg	Avg	11768	UCL95
204	1	SOU204-010	Aluminum	11050	mg/kg	Avg	11768	UCL95
204	1	SOU204-009	Aluminum	11050	mg/kg	Avg	11768	UCL95
204	1	SOU204-005	Aluminum	13700	mg/kg	Grid Value	11768	UCL95
204	1	SOU204-003	Aluminum	11600	mg/kg	Grid Value	11768	UCL95
204	1	SOU204-002	Aluminum	11050	mg/kg	Avg	11768	UCL95
204	1	SOU204-001	Aluminum	11050	mg/kg	Avg	11768	UCL95
204	1	SOU204-008	Aluminum	11050	mg/kg	Avg	11768	UCL95
204	1	SOU204-012	Manganese	586	mg/kg	Grid Value	679.5	UCL95
204	1	SOU204-013	Manganese	581	mg/kg	Grid Value	679.5	UCL95
204	1	SOU204-010	Manganese	498	mg/kg	Grid Value	679.5	UCL95
204	1	SOU204-011	Manganese	473	mg/kg	Grid Value	679.5	UCL95
204	1	SOU204-009	Manganese	721	mg/kg	Grid Value	679.5	UCL95
204	1	SOU204-008	Manganese	810	mg/kg	Grid Value	679.5	UCL95
204	1	SOU204-005	Manganese	828	mg/kg	Grid Value	679.5	UCL95
204	1	SOU204-004	Manganese	467	mg/kg	Grid Value	679.5	UCL95
204	1	SOU204-003	Manganese	649	mg/kg	Grid Value	679.5	UCL95
204	1	SOU204-001	Manganese	454	mg/kg	Grid Value	679.5	UCL95
204	1	SOU204-002	Manganese	604	mg/kg	Grid Value	679.5	UCL95
204	1	SOU204-009	PAH, Total	0.329353	mg/kg	Avg	0.493	UCL95
204	1	SOU204-010	PAH, Total	0.329353	mg/kg	Avg	0.493	UCL95
204	1	SOU204-011	PAH, Total	0.329353	mg/kg	Avg	0.493	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
204	1	SOU204-012	PAH, Total	0.329353	mg/kg	Avg	0.493	UCL95
204	1	SOU204-013	PAH, Total	0.00806	mg/kg	Grid Value	0.493	UCL95
204	1	SOU204-004	PAH, Total	0.329353	mg/kg	Avg	0.493	UCL95
204	1	SOU204-008	PAH, Total	0.329353	mg/kg	Avg	0.493	UCL95
204	1	SOU204-003	PAH, Total	0.49	mg/kg	Grid Value	0.493	UCL95
204	1	SOU204-002	PAH, Total	0.329353	mg/kg	Avg	0.493	UCL95
204	1	SOU204-001	PAH, Total	0.329353	mg/kg	Avg	0.493	UCL95
204	1	SOU204-005	PAH, Total	0.49	mg/kg	Grid Value	0.493	UCL95
204	1	SOU204-013	Uranium-238	1.76	pCi/g	Grid Value	1.366	UCL95
204	1	SOU204-002	Uranium-238	0.843	pCi/g	Avg	1.366	UCL95
204	1	SOU204-003	Uranium-238	0.364	pCi/g	Grid Value	1.366	UCL95
204	1	SOU204-004	Uranium-238	1.08	pCi/g	Grid Value	1.366	UCL95
204	1	SOU204-005	Uranium-238	0.168	pCi/g	Grid Value	1.366	UCL95
204	1	SOU204-008	Uranium-238	0.843	pCi/g	Avg	1.366	UCL95
204	1	SOU204-009	Uranium-238	0.843	pCi/g	Avg	1.366	UCL95
204	1	SOU204-010	Uranium-238	0.843	pCi/g	Avg	1.366	UCL95
204	1	SOU204-011	Uranium-238	0.843	pCi/g	Avg	1.366	UCL95
204	1	SOU204-001	Uranium-238	0.843	pCi/g	Avg	1.366	UCL95
204	1	SOU204-012	Uranium-238	0.843	pCi/g	Avg	1.366	UCL95
204	1	SOU204-011	Vanadium	114	mg/kg	Grid Value	120.7	UCL95
204	1	SOU204-001	Vanadium	110	mg/kg	Grid Value	120.7	UCL95
204	1	SOU204-013	Vanadium	102	mg/kg	Grid Value	120.7	UCL95
204	1	SOU204-012	Vanadium	121	mg/kg	Grid Value	120.7	UCL95
204	1	SOU204-010	Vanadium	114	mg/kg	Grid Value	120.7	UCL95
204	1	SOU204-008	Vanadium	101	mg/kg	Grid Value	120.7	UCL95
204	1	SOU204-005	Vanadium	90	mg/kg	Grid Value	120.7	UCL95
204	1	SOU204-004	Vanadium	131	mg/kg	Grid Value	120.7	UCL95
204	1	SOU204-003	Vanadium	116	mg/kg	Grid Value	120.7	UCL95
204	1	SOU204-002	Vanadium	128	mg/kg	Grid Value	120.7	UCL95
204	1	SOU204-009	Vanadium	125	mg/kg	Grid Value	120.7	UCL95
204	10	SOU204-090	Antimony	0.11	mg/kg	Grid Value	12	Maximum
204	10	SOU204-114	Antimony	6.055	mg/kg	Avg	12	Maximum
204	10	SOU204-113	Antimony	12	mg/kg	Grid Value	12	Maximum
204	10	SOU204-112	Antimony	6.055	mg/kg	Avg	12	Maximum
204	10	SOU204-102	Antimony	6.055	mg/kg	Avg	12	Maximum
204	10	SOU204-101	Antimony	6.055	mg/kg	Avg	12	Maximum
204	10	SOU204-088	Antimony	6.055	mg/kg	Avg	12	Maximum
204	10	SOU204-100	Antimony	6.055	mg/kg	Avg	12	Maximum
204	10	SOU204-089	Antimony	6.055	mg/kg	Avg	12	Maximum
204	10	SOU204-112	Cesium-137	0.14589	pCi/g	Avg	0.283	Maximum
204	10	SOU204-113	Cesium-137	0.283	pCi/g	Grid Value	0.283	Maximum
204	10	SOU204-114	Cesium-137	0.14589	pCi/g	Avg	0.283	Maximum
204	10	SOU204-101	Cesium-137	0.14589	pCi/g	Avg	0.283	Maximum
204	10	SOU204-088	Cesium-137	0.14589	pCi/g	Avg	0.283	Maximum
204	10	SOU204-089	Cesium-137	0.14589	pCi/g	Avg	0.283	Maximum
204	10	SOU204-090	Cesium-137	0.00878	pCi/g	Grid Value	0.283	Maximum
204	10	SOU204-100	Cesium-137	0.14589	pCi/g	Avg	0.283	Maximum
204	10	SOU204-102	Cesium-137	0.14589	pCi/g	Avg	0.283	Maximum

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
204	10	SOU204-090	Iron	22822	mg/kg	Grid Value	40950	Maximum
204	10	SOU204-112	Iron	22845	mg/kg	Grid Value	40950	Maximum
204	10	SOU204-089	Iron	20844	mg/kg	Grid Value	40950	Maximum
204	10	SOU204-100	Iron	30843	mg/kg	Grid Value	40950	Maximum
204	10	SOU204-101	Iron	25492	mg/kg	Grid Value	40950	Maximum
204	10	SOU204-102	Iron	40950	mg/kg	Grid Value	40950	Maximum
204	10	SOU204-114	Iron	21606	mg/kg	Grid Value	40950	Maximum
204	10	SOU204-088	Iron	28915	mg/kg	Grid Value	40950	Maximum
204	10	SOU204-113	Iron	34176	mg/kg	Grid Value	40950	Maximum
204	10	SOU204-113	PAH, Total	0.0642	mg/kg	Grid Value	0.0642	Maximum
204	10	SOU204-090	PAH, Total	0.00607	mg/kg	Grid Value	0.0642	Maximum
204	10	SOU204-100	PAH, Total	0.035135	mg/kg	Avg	0.0642	Maximum
204	10	SOU204-101	PAH, Total	0.035135	mg/kg	Avg	0.0642	Maximum
204	10	SOU204-112	PAH, Total	0.035135	mg/kg	Avg	0.0642	Maximum
204	10	SOU204-114	PAH, Total	0.035135	mg/kg	Avg	0.0642	Maximum
204	10	SOU204-089	PAH, Total	0.035135	mg/kg	Avg	0.0642	Maximum
204	10	SOU204-088	PAH, Total	0.035135	mg/kg	Avg	0.0642	Maximum
204	10	SOU204-102	PAH, Total	0.035135	mg/kg	Avg	0.0642	Maximum
204	10	SOU204-102	Uranium-238	2.125	pCi/g	Avg	3.15	Maximum
204	10	SOU204-090	Uranium-238	1.1	pCi/g	Grid Value	3.15	Maximum
204	10	SOU204-100	Uranium-238	2.125	pCi/g	Avg	3.15	Maximum
204	10	SOU204-089	Uranium-238	2.125	pCi/g	Avg	3.15	Maximum
204	10	SOU204-114	Uranium-238	2.125	pCi/g	Avg	3.15	Maximum
204	10	SOU204-088	Uranium-238	2.125	pCi/g	Avg	3.15	Maximum
204	10	SOU204-101	Uranium-238	2.125	pCi/g	Avg	3.15	Maximum
204	10	SOU204-113	Uranium-238	3.15	pCi/g	Grid Value	3.15	Maximum
204	10	SOU204-112	Uranium-238	2.125	pCi/g	Avg	3.15	Maximum
204	10	SOU204-112	Vanadium	92	mg/kg	Grid Value	133	Maximum
204	10	SOU204-088	Vanadium	112	mg/kg	Grid Value	133	Maximum
204	10	SOU204-089	Vanadium	104	mg/kg	Grid Value	133	Maximum
204	10	SOU204-090	Vanadium	92	mg/kg	Grid Value	133	Maximum
204	10	SOU204-100	Vanadium	115	mg/kg	Grid Value	133	Maximum
204	10	SOU204-102	Vanadium	133	mg/kg	Grid Value	133	Maximum
204	10	SOU204-113	Vanadium	100	mg/kg	Grid Value	133	Maximum
204	10	SOU204-114	Vanadium	93	mg/kg	Grid Value	133	Maximum
204	10	SOU204-101	Vanadium	119	mg/kg	Grid Value	133	Maximum
204	11	SOU204-104	Arsenic	10	mg/kg	Grid Value	8.8	Maximum
204	11	SOU204-116	Arsenic	10	mg/kg	Grid Value	8.8	Maximum
204	11	SOU204-091	Arsenic	8.8	mg/kg	Grid Value	8.8	Maximum
204	11	SOU204-105	Arsenic	10	mg/kg	Grid Value	8.8	Maximum
204	11	SOU204-115	Arsenic	10	mg/kg	Grid Value	8.8	Maximum
204	11	SOU204-103	Arsenic	6	mg/kg	Grid Value	8.8	Maximum
204	11	SOU204-092	Arsenic	10	mg/kg	Grid Value	8.8	Maximum
204	11	SOU204-117	Arsenic	10	mg/kg	Grid Value	8.8	Maximum
204	11	SOU204-093	Arsenic	10	mg/kg	Grid Value	8.8	Maximum
204	11	SOU204-116	Iron	27912	mg/kg	Grid Value	31353	Maximum
204	11	SOU204-093	Iron	24649	mg/kg	Grid Value	31353	Maximum
204	11	SOU204-103	Iron	31353	mg/kg	Grid Value	31353	Maximum

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
204	11	SOU204-092	Iron	24437	mg/kg	Grid Value	31353	Maximum
204	11	SOU204-104	Iron	30516	mg/kg	Grid Value	31353	Maximum
204	11	SOU204-115	Iron	21471	mg/kg	Grid Value	31353	Maximum
204	11	SOU204-117	Iron	25530	mg/kg	Grid Value	31353	Maximum
204	11	SOU204-091	Iron	24063	mg/kg	Grid Value	31353	Maximum
204	11	SOU204-105	Iron	22756	mg/kg	Grid Value	31353	Maximum
204	11	SOU204-103	Manganese	455	mg/kg	Grid Value	985	Maximum
204	11	SOU204-116	Manganese	443	mg/kg	Grid Value	985	Maximum
204	11	SOU204-115	Manganese	365	mg/kg	Grid Value	985	Maximum
204	11	SOU204-117	Manganese	985	mg/kg	Grid Value	985	Maximum
204	11	SOU204-104	Manganese	591	mg/kg	Grid Value	985	Maximum
204	11	SOU204-093	Manganese	846	mg/kg	Grid Value	985	Maximum
204	11	SOU204-092	Manganese	668	mg/kg	Grid Value	985	Maximum
204	11	SOU204-091	Manganese	820	mg/kg	Grid Value	985	Maximum
204	11	SOU204-105	Manganese	871	mg/kg	Grid Value	985	Maximum
204	11	SOU204-093	PAH, Total	0.0994	mg/kg	Avg	0.1093	Maximum
204	11	SOU204-091	PAH, Total	0.0895	mg/kg	Grid Value	0.1093	Maximum
204	11	SOU204-092	PAH, Total	0.0994	mg/kg	Avg	0.1093	Maximum
204	11	SOU204-117	PAH, Total	0.0994	mg/kg	Avg	0.1093	Maximum
204	11	SOU204-116	PAH, Total	0.0994	mg/kg	Avg	0.1093	Maximum
204	11	SOU204-115	PAH, Total	0.0994	mg/kg	Avg	0.1093	Maximum
204	11	SOU204-105	PAH, Total	0.0994	mg/kg	Avg	0.1093	Maximum
204	11	SOU204-104	PAH, Total	0.0994	mg/kg	Avg	0.1093	Maximum
204	11	SOU204-103	PAH, Total	0.1093	mg/kg	Grid Value	0.1093	Maximum
204	11	SOU204-105	Uranium-238	2.17	pCi/g	Avg	3.09	Maximum
204	11	SOU204-093	Uranium-238	2.17	pCi/g	Avg	3.09	Maximum
204	11	SOU204-091	Uranium-238	3.09	pCi/g	Grid Value	3.09	Maximum
204	11	SOU204-103	Uranium-238	1.25	pCi/g	Grid Value	3.09	Maximum
204	11	SOU204-116	Uranium-238	2.17	pCi/g	Avg	3.09	Maximum
204	11	SOU204-115	Uranium-238	2.17	pCi/g	Avg	3.09	Maximum
204	11	SOU204-104	Uranium-238	2.17	pCi/g	Avg	3.09	Maximum
204	11	SOU204-117	Uranium-238	2.17	pCi/g	Avg	3.09	Maximum
204	11	SOU204-092	Uranium-238	2.17	pCi/g	Avg	3.09	Maximum
204	11	SOU204-103	Vanadium	124	mg/kg	Grid Value	146	Maximum
204	11	SOU204-093	Vanadium	146	mg/kg	Grid Value	146	Maximum
204	11	SOU204-092	Vanadium	129	mg/kg	Grid Value	146	Maximum
204	11	SOU204-104	Vanadium	113	mg/kg	Grid Value	146	Maximum
204	11	SOU204-105	Vanadium	143	mg/kg	Grid Value	146	Maximum
204	11	SOU204-115	Vanadium	88	mg/kg	Grid Value	146	Maximum
204	11	SOU204-116	Vanadium	131	mg/kg	Grid Value	146	Maximum
204	11	SOU204-117	Vanadium	133	mg/kg	Grid Value	146	Maximum
204	11	SOU204-091	Vanadium	95	mg/kg	Grid Value	146	Maximum
204	12	SOU204-107	Arsenic	10	mg/kg	Grid Value	9.8	Maximum
204	12	SOU204-120	Arsenic	10	mg/kg	Grid Value	9.8	Maximum
204	12	SOU204-119	Arsenic	10	mg/kg	Grid Value	9.8	Maximum
204	12	SOU204-118	Arsenic	10	mg/kg	Grid Value	9.8	Maximum
204	12	SOU204-108	Arsenic	10	mg/kg	Grid Value	9.8	Maximum
204	12	SOU204-106	Arsenic	9.8	mg/kg	Grid Value	9.8	Maximum

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
204	12	SOU204-096	Arsenic	10	mg/kg	Grid Value	9.8	Maximum
204	12	SOU204-094	Arsenic	10	mg/kg	Grid Value	9.8	Maximum
204	12	SOU204-095	Arsenic	6.6	mg/kg	Grid Value	9.8	Maximum
204	12	SOU204-095	Cesium-137	0.0054	pCi/g	Grid Value	0.293	Maximum
204	12	SOU204-094	Cesium-137	0.1492	pCi/g	Avg	0.293	Maximum
204	12	SOU204-096	Cesium-137	0.1492	pCi/g	Avg	0.293	Maximum
204	12	SOU204-106	Cesium-137	0.293	pCi/g	Grid Value	0.293	Maximum
204	12	SOU204-107	Cesium-137	0.1492	pCi/g	Avg	0.293	Maximum
204	12	SOU204-118	Cesium-137	0.1492	pCi/g	Avg	0.293	Maximum
204	12	SOU204-119	Cesium-137	0.1492	pCi/g	Avg	0.293	Maximum
204	12	SOU204-108	Cesium-137	0.1492	pCi/g	Avg	0.293	Maximum
204	12	SOU204-120	Cesium-137	0.1492	pCi/g	Avg	0.293	Maximum
204	12	SOU204-108	Iron	22859	mg/kg	Grid Value	28613	Maximum
204	12	SOU204-094	Iron	26437	mg/kg	Grid Value	28613	Maximum
204	12	SOU204-107	Iron	25526	mg/kg	Grid Value	28613	Maximum
204	12	SOU204-095	Iron	25773	mg/kg	Grid Value	28613	Maximum
204	12	SOU204-096	Iron	26096	mg/kg	Grid Value	28613	Maximum
204	12	SOU204-118	Iron	25712	mg/kg	Grid Value	28613	Maximum
204	12	SOU204-119	Iron	28613	mg/kg	Grid Value	28613	Maximum
204	12	SOU204-120	Iron	24274	mg/kg	Grid Value	28613	Maximum
204	12	SOU204-106	Iron	25170	mg/kg	Grid Value	28613	Maximum
204	12	SOU204-095	Manganese	1491	mg/kg	Grid Value	2115	Maximum
204	12	SOU204-096	Manganese	543	mg/kg	Grid Value	2115	Maximum
204	12	SOU204-106	Manganese	800	mg/kg	Grid Value	2115	Maximum
204	12	SOU204-108	Manganese	706	mg/kg	Grid Value	2115	Maximum
204	12	SOU204-118	Manganese	2115	mg/kg	Grid Value	2115	Maximum
204	12	SOU204-119	Manganese	1131	mg/kg	Grid Value	2115	Maximum
204	12	SOU204-120	Manganese	1093	mg/kg	Grid Value	2115	Maximum
204	12	SOU204-107	Manganese	1004	mg/kg	Grid Value	2115	Maximum
204	12	SOU204-094	Manganese	563	mg/kg	Grid Value	2115	Maximum
204	12	SOU204-095	PAH, Total	0.0453	mg/kg	Grid Value	0.0643	Maximum
204	12	SOU204-106	PAH, Total	0.0643	mg/kg	Grid Value	0.0643	Maximum
204	12	SOU204-107	PAH, Total	0.0548	mg/kg	Avg	0.0643	Maximum
204	12	SOU204-108	PAH, Total	0.0548	mg/kg	Avg	0.0643	Maximum
204	12	SOU204-118	PAH, Total	0.0548	mg/kg	Avg	0.0643	Maximum
204	12	SOU204-119	PAH, Total	0.0548	mg/kg	Avg	0.0643	Maximum
204	12	SOU204-096	PAH, Total	0.0548	mg/kg	Avg	0.0643	Maximum
204	12	SOU204-094	PAH, Total	0.0548	mg/kg	Avg	0.0643	Maximum
204	12	SOU204-120	PAH, Total	0.0548	mg/kg	Avg	0.0643	Maximum
204	12	SOU204-095	Uranium-238	1.01	pCi/g	Grid Value	3.26	Maximum
204	12	SOU204-120	Uranium-238	2.135	pCi/g	Avg	3.26	Maximum
204	12	SOU204-106	Uranium-238	3.26	pCi/g	Grid Value	3.26	Maximum
204	12	SOU204-107	Uranium-238	2.135	pCi/g	Avg	3.26	Maximum
204	12	SOU204-108	Uranium-238	2.135	pCi/g	Avg	3.26	Maximum
204	12	SOU204-118	Uranium-238	2.135	pCi/g	Avg	3.26	Maximum
204	12	SOU204-096	Uranium-238	2.135	pCi/g	Avg	3.26	Maximum
204	12	SOU204-119	Uranium-238	2.135	pCi/g	Avg	3.26	Maximum
204	12	SOU204-094	Uranium-238	2.135	pCi/g	Avg	3.26	Maximum

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
204	12	SOU204-107	Vanadium	118	mg/kg	Grid Value	144	Maximum
204	12	SOU204-120	Vanadium	113	mg/kg	Grid Value	144	Maximum
204	12	SOU204-119	Vanadium	144	mg/kg	Grid Value	144	Maximum
204	12	SOU204-108	Vanadium	135	mg/kg	Grid Value	144	Maximum
204	12	SOU204-106	Vanadium	105	mg/kg	Grid Value	144	Maximum
204	12	SOU204-096	Vanadium	127	mg/kg	Grid Value	144	Maximum
204	12	SOU204-095	Vanadium	130	mg/kg	Grid Value	144	Maximum
204	12	SOU204-094	Vanadium	125	mg/kg	Grid Value	144	Maximum
204	12	SOU204-118	Vanadium	128	mg/kg	Grid Value	144	Maximum
204	13	SOU204-099	Arsenic	10	mg/kg	Grid Value	8.6	Maximum
204	13	SOU204-111	Arsenic	7.5	mg/kg	Grid Value	8.6	Maximum
204	13	SOU204-123	Arsenic	10	mg/kg	Grid Value	8.6	Maximum
204	13	SOU204-122	Arsenic	10	mg/kg	Grid Value	8.6	Maximum
204	13	SOU204-121	Arsenic	10	mg/kg	Grid Value	8.6	Maximum
204	13	SOU204-109	Arsenic	10	mg/kg	Grid Value	8.6	Maximum
204	13	SOU204-098	Arsenic	8.6	mg/kg	Grid Value	8.6	Maximum
204	13	SOU204-097	Arsenic	10	mg/kg	Grid Value	8.6	Maximum
204	13	SOU204-110	Arsenic	10	mg/kg	Grid Value	8.6	Maximum
204	13	SOU204-123	Cesium-137	0.148435	pCi/g	Avg	0.289	Maximum
204	13	SOU204-111	Cesium-137	0.00787	pCi/g	Grid Value	0.289	Maximum
204	13	SOU204-110	Cesium-137	0.148435	pCi/g	Avg	0.289	Maximum
204	13	SOU204-109	Cesium-137	0.148435	pCi/g	Avg	0.289	Maximum
204	13	SOU204-099	Cesium-137	0.148435	pCi/g	Avg	0.289	Maximum
204	13	SOU204-098	Cesium-137	0.289	pCi/g	Grid Value	0.289	Maximum
204	13	SOU204-097	Cesium-137	0.148435	pCi/g	Avg	0.289	Maximum
204	13	SOU204-122	Cesium-137	0.148435	pCi/g	Avg	0.289	Maximum
204	13	SOU204-121	Cesium-137	0.148435	pCi/g	Avg	0.289	Maximum
204	13	SOU204-111	Manganese	459	mg/kg	Grid Value	1042	Maximum
204	13	SOU204-097	Manganese	677	mg/kg	Grid Value	1042	Maximum
204	13	SOU204-098	Manganese	600	mg/kg	Grid Value	1042	Maximum
204	13	SOU204-099	Manganese	485	mg/kg	Grid Value	1042	Maximum
204	13	SOU204-109	Manganese	695	mg/kg	Grid Value	1042	Maximum
204	13	SOU204-110	Manganese	674	mg/kg	Grid Value	1042	Maximum
204	13	SOU204-123	Manganese	498	mg/kg	Grid Value	1042	Maximum
204	13	SOU204-121	Manganese	1042	mg/kg	Grid Value	1042	Maximum
204	13	SOU204-122	Manganese	963	mg/kg	Grid Value	1042	Maximum
204	13	SOU204-099	PAH, Total	0.27555	mg/kg	Avg	0.505	Maximum
204	13	SOU204-123	PAH, Total	0.27555	mg/kg	Avg	0.505	Maximum
204	13	SOU204-122	PAH, Total	0.27555	mg/kg	Avg	0.505	Maximum
204	13	SOU204-121	PAH, Total	0.27555	mg/kg	Avg	0.505	Maximum
204	13	SOU204-111	PAH, Total	0.0461	mg/kg	Grid Value	0.505	Maximum
204	13	SOU204-109	PAH, Total	0.27555	mg/kg	Avg	0.505	Maximum
204	13	SOU204-098	PAH, Total	0.505	mg/kg	Grid Value	0.505	Maximum
204	13	SOU204-097	PAH, Total	0.27555	mg/kg	Avg	0.505	Maximum
204	13	SOU204-110	PAH, Total	0.27555	mg/kg	Avg	0.505	Maximum
204	13	SOU204-123	Uranium-238	2.035	pCi/g	Avg	2.98	Maximum
204	13	SOU204-097	Uranium-238	2.035	pCi/g	Avg	2.98	Maximum
204	13	SOU204-109	Uranium-238	2.035	pCi/g	Avg	2.98	Maximum

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
204	13	SOU204-098	Uranium-238	2.98	pCi/g	Grid Value	2.98	Maximum
204	13	SOU204-099	Uranium-238	2.035	pCi/g	Avg	2.98	Maximum
204	13	SOU204-110	Uranium-238	2.035	pCi/g	Avg	2.98	Maximum
204	13	SOU204-121	Uranium-238	2.035	pCi/g	Avg	2.98	Maximum
204	13	SOU204-122	Uranium-238	2.035	pCi/g	Avg	2.98	Maximum
204	13	SOU204-111	Uranium-238	1.09	pCi/g	Grid Value	2.98	Maximum
204	13	SOU204-122	Vanadium	99	mg/kg	Grid Value	145	Maximum
204	13	SOU204-121	Vanadium	145	mg/kg	Grid Value	145	Maximum
204	13	SOU204-111	Vanadium	138	mg/kg	Grid Value	145	Maximum
204	13	SOU204-110	Vanadium	120	mg/kg	Grid Value	145	Maximum
204	13	SOU204-109	Vanadium	117	mg/kg	Grid Value	145	Maximum
204	13	SOU204-099	Vanadium	101	mg/kg	Grid Value	145	Maximum
204	13	SOU204-098	Vanadium	132	mg/kg	Grid Value	145	Maximum
204	13	SOU204-097	Vanadium	117	mg/kg	Grid Value	145	Maximum
204	13	SOU204-123	Vanadium	100	mg/kg	Grid Value	145	Maximum
204	14	SOU204-137	Arsenic	10	mg/kg	Grid Value	136	Maximum
204	14	SOU204-150	Arsenic	10	mg/kg	Grid Value	136	Maximum
204	14	SOU204-149	Arsenic	10	mg/kg	Grid Value	136	Maximum
204	14	SOU204-138	Arsenic	10	mg/kg	Grid Value	136	Maximum
204	14	SOU204-126	Arsenic	10	mg/kg	Grid Value	136	Maximum
204	14	SOU204-125	Arsenic	10	mg/kg	Grid Value	136	Maximum
204	14	SOU204-124	Arsenic	10	mg/kg	Grid Value	136	Maximum
204	14	SOU204-136	Arsenic	9.2	mg/kg	Grid Value	136	Maximum
204	14	SOU204-148	Arsenic	136	mg/kg	Grid Value	136	Maximum
204	14	SOU204-126	Iron	31708	mg/kg	Grid Value	35182	Maximum
204	14	SOU204-150	Iron	25474	mg/kg	Grid Value	35182	Maximum
204	14	SOU204-149	Iron	35182	mg/kg	Grid Value	35182	Maximum
204	14	SOU204-148	Iron	34918	mg/kg	Grid Value	35182	Maximum
204	14	SOU204-138	Iron	28742	mg/kg	Grid Value	35182	Maximum
204	14	SOU204-136	Iron	29167	mg/kg	Grid Value	35182	Maximum
204	14	SOU204-125	Iron	27916	mg/kg	Grid Value	35182	Maximum
204	14	SOU204-124	Iron	20473	mg/kg	Grid Value	35182	Maximum
204	14	SOU204-137	Iron	31433	mg/kg	Grid Value	35182	Maximum
204	14	SOU204-149	Manganese	821	mg/kg	Grid Value	821	Maximum
204	14	SOU204-137	Manganese	425	mg/kg	Grid Value	821	Maximum
204	14	SOU204-150	Manganese	641	mg/kg	Grid Value	821	Maximum
204	14	SOU204-138	Manganese	444	mg/kg	Grid Value	821	Maximum
204	14	SOU204-126	Manganese	476	mg/kg	Grid Value	821	Maximum
204	14	SOU204-125	Manganese	474	mg/kg	Grid Value	821	Maximum
204	14	SOU204-124	Manganese	429	mg/kg	Grid Value	821	Maximum
204	14	SOU204-148	Manganese	467	mg/kg	Grid Value	821	Maximum
204	14	SOU204-136	Manganese	613	mg/kg	Grid Value	821	Maximum
204	14	SOU204-124	PAH, Total	0.06638	mg/kg	Avg	0.1276	Maximum
204	14	SOU204-136	PAH, Total	0.00516	mg/kg	Grid Value	0.1276	Maximum
204	14	SOU204-137	PAH, Total	0.06638	mg/kg	Avg	0.1276	Maximum
204	14	SOU204-138	PAH, Total	0.06638	mg/kg	Avg	0.1276	Maximum
204	14	SOU204-148	PAH, Total	0.1276	mg/kg	Grid Value	0.1276	Maximum
204	14	SOU204-150	PAH, Total	0.06638	mg/kg	Avg	0.1276	Maximum

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
204	14	SOU204-149	PAH, Total	0.06638	mg/kg	Avg	0.1276	Maximum
204	14	SOU204-126	PAH, Total	0.06638	mg/kg	Avg	0.1276	Maximum
204	14	SOU204-125	PAH, Total	0.06638	mg/kg	Avg	0.1276	Maximum
204	14	SOU204-138	Uranium	10	mg/kg	Grid Value	134	Maximum
204	14	SOU204-148	Uranium	134	mg/kg	Grid Value	134	Maximum
204	14	SOU204-137	Uranium	10	mg/kg	Grid Value	134	Maximum
204	14	SOU204-136	Uranium	2.8	mg/kg	Grid Value	134	Maximum
204	14	SOU204-126	Uranium	10	mg/kg	Grid Value	134	Maximum
204	14	SOU204-125	Uranium	10	mg/kg	Grid Value	134	Maximum
204	14	SOU204-124	Uranium	10	mg/kg	Grid Value	134	Maximum
204	14	SOU204-150	Uranium	10	mg/kg	Grid Value	134	Maximum
204	14	SOU204-149	Uranium	10	mg/kg	Grid Value	134	Maximum
204	14	SOU204-124	Uranium-238	2.855	pCi/g	Avg	4.25	Maximum
204	14	SOU204-138	Uranium-238	2.855	pCi/g	Avg	4.25	Maximum
204	14	SOU204-125	Uranium-238	2.855	pCi/g	Avg	4.25	Maximum
204	14	SOU204-126	Uranium-238	2.855	pCi/g	Avg	4.25	Maximum
204	14	SOU204-137	Uranium-238	2.855	pCi/g	Avg	4.25	Maximum
204	14	SOU204-148	Uranium-238	4.25	pCi/g	Grid Value	4.25	Maximum
204	14	SOU204-149	Uranium-238	2.855	pCi/g	Avg	4.25	Maximum
204	14	SOU204-150	Uranium-238	2.855	pCi/g	Avg	4.25	Maximum
204	14	SOU204-136	Uranium-238	1.46	pCi/g	Grid Value	4.25	Maximum
204	14	SOU204-138	Vanadium	113	mg/kg	Grid Value	143	Maximum
204	14	SOU204-150	Vanadium	95	mg/kg	Grid Value	143	Maximum
204	14	SOU204-149	Vanadium	126	mg/kg	Grid Value	143	Maximum
204	14	SOU204-148	Vanadium	143	mg/kg	Grid Value	143	Maximum
204	14	SOU204-126	Vanadium	128	mg/kg	Grid Value	143	Maximum
204	14	SOU204-125	Vanadium	101	mg/kg	Grid Value	143	Maximum
204	14	SOU204-124	Vanadium	86	mg/kg	Grid Value	143	Maximum
204	14	SOU204-136	Vanadium	121	mg/kg	Grid Value	143	Maximum
204	14	SOU204-137	Vanadium	109	mg/kg	Grid Value	143	Maximum
204	15	SOU204-128	Cesium-137	0.239567	pCi/g	Avg	0.63	Maximum
204	15	SOU204-127	Cesium-137	0.239567	pCi/g	Avg	0.63	Maximum
204	15	SOU204-141	Cesium-137	0.239567	pCi/g	Avg	0.63	Maximum
204	15	SOU204-151	Cesium-137	0.63	pCi/g	Grid Value	0.63	Maximum
204	15	SOU204-152	Cesium-137	0.239567	pCi/g	Avg	0.63	Maximum
204	15	SOU204-153	Cesium-137	0.0683	pCi/g	Grid Value	0.63	Maximum
204	15	SOU204-139	Cesium-137	0.0204	pCi/g	Grid Value	0.63	Maximum
204	15	SOU204-129	Cesium-137	0.239567	pCi/g	Avg	0.63	Maximum
204	15	SOU204-140	Cesium-137	0.239567	pCi/g	Avg	0.63	Maximum
204	15	SOU204-129	Iron	22438	mg/kg	Grid Value	45884	Maximum
204	15	SOU204-127	Iron	27286	mg/kg	Grid Value	45884	Maximum
204	15	SOU204-139	Iron	45884	mg/kg	Grid Value	45884	Maximum
204	15	SOU204-140	Iron	24529	mg/kg	Grid Value	45884	Maximum
204	15	SOU204-141	Iron	22760	mg/kg	Grid Value	45884	Maximum
204	15	SOU204-151	Iron	23530	mg/kg	Grid Value	45884	Maximum
204	15	SOU204-152	Iron	29042	mg/kg	Grid Value	45884	Maximum
204	15	SOU204-153	Iron	25116	mg/kg	Grid Value	45884	Maximum
204	15	SOU204-128	Iron	27591	mg/kg	Grid Value	45884	Maximum

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
204	15	SOU204-127	Manganese	362	mg/kg	Grid Value	878	Maximum
204	15	SOU204-153	Manganese	467	mg/kg	Grid Value	878	Maximum
204	15	SOU204-152	Manganese	749	mg/kg	Grid Value	878	Maximum
204	15	SOU204-151	Manganese	848	mg/kg	Grid Value	878	Maximum
204	15	SOU204-141	Manganese	514	mg/kg	Grid Value	878	Maximum
204	15	SOU204-140	Manganese	626	mg/kg	Grid Value	878	Maximum
204	15	SOU204-139	Manganese	380	mg/kg	Grid Value	878	Maximum
204	15	SOU204-129	Manganese	878	mg/kg	Grid Value	878	Maximum
204	15	SOU204-128	Manganese	294	mg/kg	Grid Value	878	Maximum
204	15	SOU204-153	PAH, Total	0.1885	mg/kg	Grid Value	0.1885	Maximum
204	15	SOU204-152	PAH, Total	0.10048	mg/kg	Avg	0.1885	Maximum
204	15	SOU204-151	PAH, Total	0.10048	mg/kg	Avg	0.1885	Maximum
204	15	SOU204-127	PAH, Total	0.10048	mg/kg	Avg	0.1885	Maximum
204	15	SOU204-128	PAH, Total	0.10048	mg/kg	Avg	0.1885	Maximum
204	15	SOU204-129	PAH, Total	0.10048	mg/kg	Avg	0.1885	Maximum
204	15	SOU204-139	PAH, Total	0.01246	mg/kg	Grid Value	0.1885	Maximum
204	15	SOU204-140	PAH, Total	0.10048	mg/kg	Avg	0.1885	Maximum
204	15	SOU204-141	PAH, Total	0.10048	mg/kg	Avg	0.1885	Maximum
204	15	SOU204-153	Uranium-238	1.36	pCi/g	Grid Value	5.37	Maximum
204	15	SOU204-128	Uranium-238	3.063333	pCi/g	Avg	5.37	Maximum
204	15	SOU204-127	Uranium-238	3.063333	pCi/g	Avg	5.37	Maximum
204	15	SOU204-152	Uranium-238	3.063333	pCi/g	Avg	5.37	Maximum
204	15	SOU204-151	Uranium-238	5.37	pCi/g	Grid Value	5.37	Maximum
204	15	SOU204-140	Uranium-238	3.063333	pCi/g	Avg	5.37	Maximum
204	15	SOU204-139	Uranium-238	2.46	pCi/g	Grid Value	5.37	Maximum
204	15	SOU204-129	Uranium-238	3.063333	pCi/g	Avg	5.37	Maximum
204	15	SOU204-141	Uranium-238	3.063333	pCi/g	Avg	5.37	Maximum
204	15	SOU204-151	Vanadium	94	mg/kg	Grid Value	136	Maximum
204	15	SOU204-152	Vanadium	107	mg/kg	Grid Value	136	Maximum
204	15	SOU204-141	Vanadium	116	mg/kg	Grid Value	136	Maximum
204	15	SOU204-140	Vanadium	88	mg/kg	Grid Value	136	Maximum
204	15	SOU204-139	Vanadium	136	mg/kg	Grid Value	136	Maximum
204	15	SOU204-129	Vanadium	98	mg/kg	Grid Value	136	Maximum
204	15	SOU204-128	Vanadium	110	mg/kg	Grid Value	136	Maximum
204	15	SOU204-127	Vanadium	113	mg/kg	Grid Value	136	Maximum
204	15	SOU204-153	Vanadium	107	mg/kg	Grid Value	136	Maximum
204	16	SOU204-144	Arsenic	10	mg/kg	Grid Value	8.2	Maximum
204	16	SOU204-132	Arsenic	10	mg/kg	Grid Value	8.2	Maximum
204	16	SOU204-130	Arsenic	10	mg/kg	Grid Value	8.2	Maximum
204	16	SOU204-131	Arsenic	10	mg/kg	Grid Value	8.2	Maximum
204	16	SOU204-156	Arsenic	8.2	mg/kg	Grid Value	8.2	Maximum
204	16	SOU204-154	Arsenic	5.7	mg/kg	Grid Value	8.2	Maximum
204	16	SOU204-155	Arsenic	10	mg/kg	Grid Value	8.2	Maximum
204	16	SOU204-142	Arsenic	10	mg/kg	Grid Value	8.2	Maximum
204	16	SOU204-143	Arsenic	10	mg/kg	Grid Value	8.2	Maximum
204	16	SOU204-143	Iron	28925	mg/kg	Grid Value	28925	Maximum
204	16	SOU204-130	Iron	28191	mg/kg	Grid Value	28925	Maximum
204	16	SOU204-131	Iron	24827	mg/kg	Grid Value	28925	Maximum

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
204	16	SOU204-142	Iron	25242	mg/kg	Grid Value	28925	Maximum
204	16	SOU204-155	Iron	24237	mg/kg	Grid Value	28925	Maximum
204	16	SOU204-144	Iron	23117	mg/kg	Grid Value	28925	Maximum
204	16	SOU204-154	Iron	23670	mg/kg	Grid Value	28925	Maximum
204	16	SOU204-156	Iron	26207	mg/kg	Grid Value	28925	Maximum
204	16	SOU204-132	Iron	27925	mg/kg	Grid Value	28925	Maximum
204	16	SOU204-132	Manganese	577	mg/kg	Grid Value	1800	Maximum
204	16	SOU204-142	Manganese	617	mg/kg	Grid Value	1800	Maximum
204	16	SOU204-131	Manganese	722	mg/kg	Grid Value	1800	Maximum
204	16	SOU204-130	Manganese	709	mg/kg	Grid Value	1800	Maximum
204	16	SOU204-144	Manganese	582	mg/kg	Grid Value	1800	Maximum
204	16	SOU204-143	Manganese	552	mg/kg	Grid Value	1800	Maximum
204	16	SOU204-154	Manganese	1800	mg/kg	Grid Value	1800	Maximum
204	16	SOU204-156	Manganese	580	mg/kg	Grid Value	1800	Maximum
204	16	SOU204-155	Manganese	629	mg/kg	Grid Value	1800	Maximum
204	16	SOU204-130	PAH, Total	0.020295	mg/kg	Avg	0.0261	Maximum
204	16	SOU204-144	PAH, Total	0.020295	mg/kg	Avg	0.0261	Maximum
204	16	SOU204-156	PAH, Total	0.01449	mg/kg	Grid Value	0.0261	Maximum
204	16	SOU204-155	PAH, Total	0.020295	mg/kg	Avg	0.0261	Maximum
204	16	SOU204-154	PAH, Total	0.0261	mg/kg	Grid Value	0.0261	Maximum
204	16	SOU204-143	PAH, Total	0.020295	mg/kg	Avg	0.0261	Maximum
204	16	SOU204-142	PAH, Total	0.020295	mg/kg	Avg	0.0261	Maximum
204	16	SOU204-132	PAH, Total	0.020295	mg/kg	Avg	0.0261	Maximum
204	16	SOU204-131	PAH, Total	0.020295	mg/kg	Avg	0.0261	Maximum
204	16	SOU204-155	Silver	50	mg/kg	Grid Value	51	Maximum
204	16	SOU204-142	Silver	50	mg/kg	Grid Value	51	Maximum
204	16	SOU204-154	Silver	0.027	mg/kg	Grid Value	51	Maximum
204	16	SOU204-132	Silver	51	mg/kg	Grid Value	51	Maximum
204	16	SOU204-144	Silver	50	mg/kg	Grid Value	51	Maximum
204	16	SOU204-143	Silver	50	mg/kg	Grid Value	51	Maximum
204	16	SOU204-130	Silver	50	mg/kg	Grid Value	51	Maximum
204	16	SOU204-156	Silver	0.017	mg/kg	Grid Value	51	Maximum
204	16	SOU204-131	Silver	50	mg/kg	Grid Value	51	Maximum
204	16	SOU204-130	Vanadium	120	mg/kg	Grid Value	122	Maximum
204	16	SOU204-131	Vanadium	112	mg/kg	Grid Value	122	Maximum
204	16	SOU204-132	Vanadium	114	mg/kg	Grid Value	122	Maximum
204	16	SOU204-142	Vanadium	98	mg/kg	Grid Value	122	Maximum
204	16	SOU204-143	Vanadium	112	mg/kg	Grid Value	122	Maximum
204	16	SOU204-144	Vanadium	103	mg/kg	Grid Value	122	Maximum
204	16	SOU204-154	Vanadium	98	mg/kg	Grid Value	122	Maximum
204	16	SOU204-155	Vanadium	107	mg/kg	Grid Value	122	Maximum
204	16	SOU204-156	Vanadium	122	mg/kg	Grid Value	122	Maximum
204	17	SOU204-133	Arsenic	10	mg/kg	Grid Value	9.6	Maximum
204	17	SOU204-159	Arsenic	10	mg/kg	Grid Value	9.6	Maximum
204	17	SOU204-158	Arsenic	10	mg/kg	Grid Value	9.6	Maximum
204	17	SOU204-157	Arsenic	10	mg/kg	Grid Value	9.6	Maximum
204	17	SOU204-147	Arsenic	10	mg/kg	Grid Value	9.6	Maximum
204	17	SOU204-146	Arsenic	10	mg/kg	Grid Value	9.6	Maximum

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
204	17	SOU204-145	Arsenic	10	mg/kg	Grid Value	9.6	Maximum
204	17	SOU204-134	Arsenic	9.6	mg/kg	Grid Value	9.6	Maximum
204	17	SOU204-135	Arsenic	10	mg/kg	Grid Value	9.6	Maximum
204	17	SOU204-157	Iron	25605	mg/kg	Grid Value	29806	Maximum
204	17	SOU204-145	Iron	29806	mg/kg	Grid Value	29806	Maximum
204	17	SOU204-159	Iron	25345	mg/kg	Grid Value	29806	Maximum
204	17	SOU204-158	Iron	27608	mg/kg	Grid Value	29806	Maximum
204	17	SOU204-133	Iron	23726	mg/kg	Grid Value	29806	Maximum
204	17	SOU204-135	Iron	21832	mg/kg	Grid Value	29806	Maximum
204	17	SOU204-134	Iron	24199	mg/kg	Grid Value	29806	Maximum
204	17	SOU204-147	Iron	21925	mg/kg	Grid Value	29806	Maximum
204	17	SOU204-146	Iron	22765	mg/kg	Grid Value	29806	Maximum
204	17	SOU204-147	Manganese	582	mg/kg	Grid Value	833	Maximum
204	17	SOU204-159	Manganese	453	mg/kg	Grid Value	833	Maximum
204	17	SOU204-157	Manganese	623	mg/kg	Grid Value	833	Maximum
204	17	SOU204-146	Manganese	833	mg/kg	Grid Value	833	Maximum
204	17	SOU204-145	Manganese	772	mg/kg	Grid Value	833	Maximum
204	17	SOU204-135	Manganese	486	mg/kg	Grid Value	833	Maximum
204	17	SOU204-134	Manganese	830	mg/kg	Grid Value	833	Maximum
204	17	SOU204-133	Manganese	634	mg/kg	Grid Value	833	Maximum
204	17	SOU204-158	Manganese	503	mg/kg	Grid Value	833	Maximum
204	17	SOU204-133	PAH, Total	0.1485	mg/kg	Avg	0.1485	Maximum
204	17	SOU204-134	PAH, Total	0.1485	mg/kg	Grid Value	0.1485	Maximum
204	17	SOU204-159	PAH, Total	0.1485	mg/kg	Avg	0.1485	Maximum
204	17	SOU204-158	PAH, Total	0.1485	mg/kg	Avg	0.1485	Maximum
204	17	SOU204-157	PAH, Total	0.1485	mg/kg	Avg	0.1485	Maximum
204	17	SOU204-147	PAH, Total	0.1485	mg/kg	Avg	0.1485	Maximum
204	17	SOU204-146	PAH, Total	0.1485	mg/kg	Avg	0.1485	Maximum
204	17	SOU204-145	PAH, Total	0.1485	mg/kg	Avg	0.1485	Maximum
204	17	SOU204-135	PAH, Total	0.1485	mg/kg	Avg	0.1485	Maximum
204	17	SOU204-134	Uranium-238	2.5	pCi/g	Grid Value	2.5	Maximum
204	17	SOU204-159	Uranium-238	2.5	pCi/g	Avg	2.5	Maximum
204	17	SOU204-158	Uranium-238	2.5	pCi/g	Avg	2.5	Maximum
204	17	SOU204-157	Uranium-238	2.5	pCi/g	Avg	2.5	Maximum
204	17	SOU204-147	Uranium-238	2.5	pCi/g	Avg	2.5	Maximum
204	17	SOU204-146	Uranium-238	2.5	pCi/g	Avg	2.5	Maximum
204	17	SOU204-135	Uranium-238	2.5	pCi/g	Avg	2.5	Maximum
204	17	SOU204-133	Uranium-238	2.5	pCi/g	Avg	2.5	Maximum
204	17	SOU204-145	Uranium-238	2.5	pCi/g	Avg	2.5	Maximum
204	17	SOU204-134	Vanadium	103	mg/kg	Grid Value	122	Maximum
204	17	SOU204-135	Vanadium	98	mg/kg	Grid Value	122	Maximum
204	17	SOU204-145	Vanadium	122	mg/kg	Grid Value	122	Maximum
204	17	SOU204-146	Vanadium	80	mg/kg	Grid Value	122	Maximum
204	17	SOU204-147	Vanadium	96	mg/kg	Grid Value	122	Maximum
204	17	SOU204-157	Vanadium	86	mg/kg	Grid Value	122	Maximum
204	17	SOU204-158	Vanadium	89	mg/kg	Grid Value	122	Maximum
204	17	SOU204-133	Vanadium	108	mg/kg	Grid Value	122	Maximum
204	17	SOU204-159	Vanadium	106	mg/kg	Grid Value	122	Maximum

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
204	18	SOU204-173	Iron	26386	mg/kg	Grid Value	33542	Maximum
204	18	SOU204-174	Iron	28373	mg/kg	Grid Value	33542	Maximum
204	18	SOU204-186	Iron	23086	mg/kg	Grid Value	33542	Maximum
204	18	SOU204-185	Iron	33126	mg/kg	Grid Value	33542	Maximum
204	18	SOU204-172	Iron	24719	mg/kg	Grid Value	33542	Maximum
204	18	SOU204-162	Iron	33542	mg/kg	Grid Value	33542	Maximum
204	18	SOU204-161	Iron	26247	mg/kg	Grid Value	33542	Maximum
204	18	SOU204-160	Iron	29960	mg/kg	Grid Value	33542	Maximum
204	18	SOU204-184	Iron	32690	mg/kg	Grid Value	33542	Maximum
204	18	SOU204-184	Manganese	1069	mg/kg	Grid Value	1069	Maximum
204	18	SOU204-185	Manganese	897	mg/kg	Grid Value	1069	Maximum
204	18	SOU204-174	Manganese	626	mg/kg	Grid Value	1069	Maximum
204	18	SOU204-173	Manganese	611	mg/kg	Grid Value	1069	Maximum
204	18	SOU204-172	Manganese	533	mg/kg	Grid Value	1069	Maximum
204	18	SOU204-162	Manganese	990	mg/kg	Grid Value	1069	Maximum
204	18	SOU204-161	Manganese	895	mg/kg	Grid Value	1069	Maximum
204	18	SOU204-160	Manganese	994	mg/kg	Grid Value	1069	Maximum
204	18	SOU204-186	Manganese	706	mg/kg	Grid Value	1069	Maximum
204	18	SOU204-160	PAH, Total	0.01417	mg/kg	Avg	0.0213	Maximum
204	18	SOU204-186	PAH, Total	0.01417	mg/kg	Avg	0.0213	Maximum
204	18	SOU204-185	PAH, Total	0.0213	mg/kg	Grid Value	0.0213	Maximum
204	18	SOU204-184	PAH, Total	0.01417	mg/kg	Avg	0.0213	Maximum
204	18	SOU204-174	PAH, Total	0.00704	mg/kg	Grid Value	0.0213	Maximum
204	18	SOU204-173	PAH, Total	0.01417	mg/kg	Avg	0.0213	Maximum
204	18	SOU204-172	PAH, Total	0.01417	mg/kg	Avg	0.0213	Maximum
204	18	SOU204-162	PAH, Total	0.01417	mg/kg	Avg	0.0213	Maximum
204	18	SOU204-161	PAH, Total	0.01417	mg/kg	Avg	0.0213	Maximum
204	18	SOU204-173	Silver	50	mg/kg	Grid Value	89	Maximum
204	18	SOU204-174	Silver	0.025	mg/kg	Grid Value	89	Maximum
204	18	SOU204-184	Silver	50	mg/kg	Grid Value	89	Maximum
204	18	SOU204-161	Silver	50	mg/kg	Grid Value	89	Maximum
204	18	SOU204-162	Silver	50	mg/kg	Grid Value	89	Maximum
204	18	SOU204-172	Silver	50	mg/kg	Grid Value	89	Maximum
204	18	SOU204-160	Silver	50	mg/kg	Grid Value	89	Maximum
204	18	SOU204-185	Silver	89	mg/kg	Grid Value	89	Maximum
204	18	SOU204-186	Silver	50	mg/kg	Grid Value	89	Maximum
204	18	SOU204-160	Uranium	109	mg/kg	Grid Value	109	Maximum
204	18	SOU204-162	Uranium	10	mg/kg	Grid Value	109	Maximum
204	18	SOU204-161	Uranium	10	mg/kg	Grid Value	109	Maximum
204	18	SOU204-174	Uranium	3.8	mg/kg	Grid Value	109	Maximum
204	18	SOU204-184	Uranium	10	mg/kg	Grid Value	109	Maximum
204	18	SOU204-172	Uranium	10	mg/kg	Grid Value	109	Maximum
204	18	SOU204-185	Uranium	1.1	mg/kg	Grid Value	109	Maximum
204	18	SOU204-173	Uranium	10	mg/kg	Grid Value	109	Maximum
204	18	SOU204-186	Uranium	10	mg/kg	Grid Value	109	Maximum
204	18	SOU204-160	Uranium-238	1.3945	pCi/g	Avg	1.81	Maximum
204	18	SOU204-162	Uranium-238	1.3945	pCi/g	Avg	1.81	Maximum
204	18	SOU204-173	Uranium-238	1.3945	pCi/g	Avg	1.81	Maximum

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
204	18	SOU204-174	Uranium-238	1.81	pCi/g	Grid Value	1.81	Maximum
204	18	SOU204-184	Uranium-238	1.3945	pCi/g	Avg	1.81	Maximum
204	18	SOU204-185	Uranium-238	0.979	pCi/g	Grid Value	1.81	Maximum
204	18	SOU204-186	Uranium-238	1.3945	pCi/g	Avg	1.81	Maximum
204	18	SOU204-172	Uranium-238	1.3945	pCi/g	Avg	1.81	Maximum
204	18	SOU204-161	Uranium-238	1.3945	pCi/g	Avg	1.81	Maximum
204	18	SOU204-173	Vanadium	113	mg/kg	Grid Value	151	Maximum
204	18	SOU204-161	Vanadium	96	mg/kg	Grid Value	151	Maximum
204	18	SOU204-162	Vanadium	151	mg/kg	Grid Value	151	Maximum
204	18	SOU204-172	Vanadium	114	mg/kg	Grid Value	151	Maximum
204	18	SOU204-160	Vanadium	109	mg/kg	Grid Value	151	Maximum
204	18	SOU204-174	Vanadium	129	mg/kg	Grid Value	151	Maximum
204	18	SOU204-184	Vanadium	107	mg/kg	Grid Value	151	Maximum
204	18	SOU204-185	Vanadium	94	mg/kg	Grid Value	151	Maximum
204	18	SOU204-186	Vanadium	67	mg/kg	Grid Value	151	Maximum
204	19	SOU204-177	Arsenic	10	mg/kg	Grid Value	12	Maximum
204	19	SOU204-164	Arsenic	9.2	mg/kg	Grid Value	12	Maximum
204	19	SOU204-165	Arsenic	10	mg/kg	Grid Value	12	Maximum
204	19	SOU204-175	Arsenic	10	mg/kg	Grid Value	12	Maximum
204	19	SOU204-176	Arsenic	10	mg/kg	Grid Value	12	Maximum
204	19	SOU204-163	Arsenic	12	mg/kg	Grid Value	12	Maximum
204	19	SOU204-177	Manganese	462	mg/kg	Grid Value	1300	Maximum
204	19	SOU204-176	Manganese	272	mg/kg	Grid Value	1300	Maximum
204	19	SOU204-175	Manganese	342	mg/kg	Grid Value	1300	Maximum
204	19	SOU204-163	Manganese	1200	mg/kg	Grid Value	1300	Maximum
204	19	SOU204-164	Manganese	1300	mg/kg	Grid Value	1300	Maximum
204	19	SOU204-165	Manganese	584	mg/kg	Grid Value	1300	Maximum
204	19	SOU204-176	PAH, Total	0.1297	mg/kg	Avg	0.1297	Maximum
204	19	SOU204-177	PAH, Total	0.1297	mg/kg	Avg	0.1297	Maximum
204	19	SOU204-163	PAH, Total	0.1297	mg/kg	Avg	0.1297	Maximum
204	19	SOU204-164	PAH, Total	0.1297	mg/kg	Grid Value	0.1297	Maximum
204	19	SOU204-165	PAH, Total	0.1297	mg/kg	Avg	0.1297	Maximum
204	19	SOU204-175	PAH, Total	0.1297	mg/kg	Avg	0.1297	Maximum
204	19	SOU204-176	Silver	50	mg/kg	Grid Value	55	Maximum
204	19	SOU204-175	Silver	50	mg/kg	Grid Value	55	Maximum
204	19	SOU204-165	Silver	55	mg/kg	Grid Value	55	Maximum
204	19	SOU204-164	Silver	0.027	mg/kg	Grid Value	55	Maximum
204	19	SOU204-163	Silver	0.021	mg/kg	Grid Value	55	Maximum
204	19	SOU204-177	Silver	50	mg/kg	Grid Value	55	Maximum
204	19	SOU204-176	Uranium	85	mg/kg	Grid Value	85	Maximum
204	19	SOU204-177	Uranium	10	mg/kg	Grid Value	85	Maximum
204	19	SOU204-175	Uranium	10	mg/kg	Grid Value	85	Maximum
204	19	SOU204-165	Uranium	10	mg/kg	Grid Value	85	Maximum
204	19	SOU204-164	Uranium	4.5	mg/kg	Grid Value	85	Maximum
204	19	SOU204-163	Uranium	1.2	mg/kg	Grid Value	85	Maximum
204	19	SOU204-175	Uranium-238	1.95	pCi/g	Avg	2.65	Maximum
204	19	SOU204-165	Uranium-238	1.95	pCi/g	Avg	2.65	Maximum
204	19	SOU204-163	Uranium-238	1.25	pCi/g	Grid Value	2.65	Maximum

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
204	19	SOU204-164	Uranium-238	2.65	pCi/g	Grid Value	2.65	Maximum
204	19	SOU204-177	Uranium-238	1.95	pCi/g	Avg	2.65	Maximum
204	19	SOU204-176	Uranium-238	1.95	pCi/g	Avg	2.65	Maximum
204	19	SOU204-175	Vanadium	109	mg/kg	Grid Value	121	Maximum
204	19	SOU204-176	Vanadium	103	mg/kg	Grid Value	121	Maximum
204	19	SOU204-165	Vanadium	110	mg/kg	Grid Value	121	Maximum
204	19	SOU204-164	Vanadium	104	mg/kg	Grid Value	121	Maximum
204	19	SOU204-163	Vanadium	98	mg/kg	Grid Value	121	Maximum
204	19	SOU204-177	Vanadium	121	mg/kg	Grid Value	121	Maximum
204	2	SOU204-029	Arsenic	10	mg/kg	Grid Value	45.91	UCL95
204	2	SOU204-042	Arsenic	10	mg/kg	Grid Value	45.91	UCL95
204	2	SOU204-041	Arsenic	10	mg/kg	Grid Value	45.91	UCL95
204	2	SOU204-030	Arsenic	10	mg/kg	Grid Value	45.91	UCL95
204	2	SOU204-028	Arsenic	10	mg/kg	Grid Value	45.91	UCL95
204	2	SOU204-018	Arsenic	10	mg/kg	Grid Value	45.91	UCL95
204	2	SOU204-017	Arsenic	6.7	mg/kg	Grid Value	45.91	UCL95
204	2	SOU204-016	Arsenic	10	mg/kg	Grid Value	45.91	UCL95
204	2	SOU204-006	Arsenic	10	mg/kg	Grid Value	45.91	UCL95
204	2	SOU204-007	Arsenic	84	mg/kg	Grid Value	45.91	UCL95
204	2	SOU204-040	Arsenic	10	mg/kg	Grid Value	45.91	UCL95
204	2	SOU204-016	Iron	28020	mg/kg	Grid Value	26859	UCL95
204	2	SOU204-040	Iron	29419	mg/kg	Grid Value	26859	UCL95
204	2	SOU204-007	Iron	23270	mg/kg	Grid Value	26859	UCL95
204	2	SOU204-017	Iron	26460	mg/kg	Grid Value	26859	UCL95
204	2	SOU204-018	Iron	26839	mg/kg	Grid Value	26859	UCL95
204	2	SOU204-028	Iron	26489	mg/kg	Grid Value	26859	UCL95
204	2	SOU204-029	Iron	24081	mg/kg	Grid Value	26859	UCL95
204	2	SOU204-030	Iron	26685	mg/kg	Grid Value	26859	UCL95
204	2	SOU204-042	Iron	22361	mg/kg	Grid Value	26859	UCL95
204	2	SOU204-006	Iron	25324	mg/kg	Grid Value	26859	UCL95
204	2	SOU204-041	Iron	23280	mg/kg	Grid Value	26859	UCL95
204	2	SOU204-040	Manganese	660	mg/kg	Grid Value	833.9	UCL95
204	2	SOU204-041	Manganese	873	mg/kg	Grid Value	833.9	UCL95
204	2	SOU204-030	Manganese	849	mg/kg	Grid Value	833.9	UCL95
204	2	SOU204-029	Manganese	708	mg/kg	Grid Value	833.9	UCL95
204	2	SOU204-028	Manganese	875	mg/kg	Grid Value	833.9	UCL95
204	2	SOU204-007	Manganese	578	mg/kg	Grid Value	833.9	UCL95
204	2	SOU204-042	Manganese	655	mg/kg	Grid Value	833.9	UCL95
204	2	SOU204-006	Manganese	592	mg/kg	Grid Value	833.9	UCL95
204	2	SOU204-016	Manganese	417	mg/kg	Grid Value	833.9	UCL95
204	2	SOU204-017	Manganese	530	mg/kg	Grid Value	833.9	UCL95
204	2	SOU204-018	Manganese	1173	mg/kg	Grid Value	833.9	UCL95
204	2	SOU204-007	PAH, Total	0.031135	mg/kg	Avg	0.0493	UCL95
204	2	SOU204-040	PAH, Total	0.00027	mg/kg	Grid Value	0.0493	UCL95
204	2	SOU204-042	PAH, Total	0.031135	mg/kg	Avg	0.0493	UCL95
204	2	SOU204-041	PAH, Total	0.031135	mg/kg	Avg	0.0493	UCL95
204	2	SOU204-029	PAH, Total	0.031135	mg/kg	Avg	0.0493	UCL95
204	2	SOU204-028	PAH, Total	0.031135	mg/kg	Avg	0.0493	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
204	2	SOU204-018	PAH, Total	0.031135	mg/kg	Avg	0.0493	UCL95
204	2	SOU204-017	PAH, Total	0.062	mg/kg	Grid Value	0.0493	UCL95
204	2	SOU204-016	PAH, Total	0.031135	mg/kg	Avg	0.0493	UCL95
204	2	SOU204-006	PAH, Total	0.031135	mg/kg	Avg	0.0493	UCL95
204	2	SOU204-030	PAH, Total	0.031135	mg/kg	Avg	0.0493	UCL95
204	2	SOU204-029	Uranium-238	2.5	pCi/g	Avg	2.847	UCL95
204	2	SOU204-007	Uranium-238	2.5	pCi/g	Avg	2.847	UCL95
204	2	SOU204-017	Uranium-238	3.92	pCi/g	Grid Value	2.847	UCL95
204	2	SOU204-042	Uranium-238	2.5	pCi/g	Avg	2.847	UCL95
204	2	SOU204-041	Uranium-238	2.5	pCi/g	Avg	2.847	UCL95
204	2	SOU204-040	Uranium-238	1.08	pCi/g	Grid Value	2.847	UCL95
204	2	SOU204-018	Uranium-238	2.5	pCi/g	Avg	2.847	UCL95
204	2	SOU204-028	Uranium-238	2.5	pCi/g	Avg	2.847	UCL95
204	2	SOU204-006	Uranium-238	2.5	pCi/g	Avg	2.847	UCL95
204	2	SOU204-030	Uranium-238	2.5	pCi/g	Avg	2.847	UCL95
204	2	SOU204-016	Uranium-238	2.5	pCi/g	Avg	2.847	UCL95
204	2	SOU204-016	Vanadium	119	mg/kg	Grid Value	121.1	UCL95
204	2	SOU204-028	Vanadium	96	mg/kg	Grid Value	121.1	UCL95
204	2	SOU204-029	Vanadium	90	mg/kg	Grid Value	121.1	UCL95
204	2	SOU204-030	Vanadium	132	mg/kg	Grid Value	121.1	UCL95
204	2	SOU204-017	Vanadium	118	mg/kg	Grid Value	121.1	UCL95
204	2	SOU204-007	Vanadium	126	mg/kg	Grid Value	121.1	UCL95
204	2	SOU204-006	Vanadium	117	mg/kg	Grid Value	121.1	UCL95
204	2	SOU204-040	Vanadium	126	mg/kg	Grid Value	121.1	UCL95
204	2	SOU204-041	Vanadium	110	mg/kg	Grid Value	121.1	UCL95
204	2	SOU204-042	Vanadium	105	mg/kg	Grid Value	121.1	UCL95
204	2	SOU204-018	Vanadium	116	mg/kg	Grid Value	121.1	UCL95
204	20	SOU204-178	Americium-241	1.8489	pCi/g	Avg	3.709	Maximum
204	20	SOU204-166	Americium-241	1.8489	pCi/g	Avg	3.709	Maximum
204	20	SOU204-180	Americium-241	-0.0112	pCi/g	Grid Value	3.709	Maximum
204	20	SOU204-168	Americium-241	3.709	pCi/g	Grid Value	3.709	Maximum
204	20	SOU204-179	Americium-241	1.8489	pCi/g	Avg	3.709	Maximum
204	20	SOU204-167	Americium-241	1.8489	pCi/g	Avg	3.709	Maximum
204	20	SOU204-166	Arsenic	10	mg/kg	Grid Value	14	Maximum
204	20	SOU204-167	Arsenic	10	mg/kg	Grid Value	14	Maximum
204	20	SOU204-168	Arsenic	5	mg/kg	Grid Value	14	Maximum
204	20	SOU204-178	Arsenic	10	mg/kg	Grid Value	14	Maximum
204	20	SOU204-179	Arsenic	10	mg/kg	Grid Value	14	Maximum
204	20	SOU204-180	Arsenic	14	mg/kg	Grid Value	14	Maximum
204	20	SOU204-178	Cesium-137	0.6381	pCi/g	Avg	1.172	Maximum
204	20	SOU204-168	Cesium-137	1.172	pCi/g	Grid Value	1.172	Maximum
204	20	SOU204-180	Cesium-137	0.1042	pCi/g	Grid Value	1.172	Maximum
204	20	SOU204-179	Cesium-137	0.6381	pCi/g	Avg	1.172	Maximum
204	20	SOU204-167	Cesium-137	0.6381	pCi/g	Avg	1.172	Maximum
204	20	SOU204-166	Cesium-137	0.6381	pCi/g	Avg	1.172	Maximum
204	20	SOU204-167	Chromium	12	mg/kg	Grid Value	175	Maximum
204	20	SOU204-180	Chromium	25	mg/kg	Grid Value	175	Maximum
204	20	SOU204-179	Chromium	12	mg/kg	Grid Value	175	Maximum

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
204	20	SOU204-168	Chromium	175	mg/kg	Grid Value	175	Maximum
204	20	SOU204-166	Chromium	12	mg/kg	Grid Value	175	Maximum
204	20	SOU204-178	Chromium	12	mg/kg	Grid Value	175	Maximum
204	20	SOU204-167	Cobalt	9.05	mg/kg	Avg	13	Maximum
204	20	SOU204-180	Cobalt	13	mg/kg	Grid Value	13	Maximum
204	20	SOU204-179	Cobalt	9.05	mg/kg	Avg	13	Maximum
204	20	SOU204-168	Cobalt	5.1	mg/kg	Grid Value	13	Maximum
204	20	SOU204-166	Cobalt	9.05	mg/kg	Avg	13	Maximum
204	20	SOU204-178	Cobalt	9.05	mg/kg	Avg	13	Maximum
204	20	SOU204-166	Iron	23344	mg/kg	Grid Value	46000	Maximum
204	20	SOU204-167	Iron	20773	mg/kg	Grid Value	46000	Maximum
204	20	SOU204-168	Iron	23985	mg/kg	Grid Value	46000	Maximum
204	20	SOU204-178	Iron	24975	mg/kg	Grid Value	46000	Maximum
204	20	SOU204-179	Iron	25954	mg/kg	Grid Value	46000	Maximum
204	20	SOU204-180	Iron	46000	mg/kg	Grid Value	46000	Maximum
204	20	SOU204-180	Manganese	760	mg/kg	Grid Value	839	Maximum
204	20	SOU204-167	Manganese	600	mg/kg	Grid Value	839	Maximum
204	20	SOU204-168	Manganese	581	mg/kg	Grid Value	839	Maximum
204	20	SOU204-178	Manganese	839	mg/kg	Grid Value	839	Maximum
204	20	SOU204-166	Manganese	628	mg/kg	Grid Value	839	Maximum
204	20	SOU204-179	Manganese	409	mg/kg	Grid Value	839	Maximum
204	20	SOU204-178	PCB, Total	0.025	mg/kg	Grid Value	79	Maximum
204	20	SOU204-179	PCB, Total	0.025	mg/kg	Grid Value	79	Maximum
204	20	SOU204-168	PCB, Total	79	mg/kg	Grid Value	79	Maximum
204	20	SOU204-167	PCB, Total	5	mg/kg	Grid Value	79	Maximum
204	20	SOU204-166	PCB, Total	5	mg/kg	Grid Value	79	Maximum
204	20	SOU204-180	PCB, Total	0.1	mg/kg	Grid Value	79	Maximum
204	20	SOU204-167	Protactinium-231	18.6489	pCi/g	Avg	36.47	Maximum
204	20	SOU204-178	Protactinium-231	18.6489	pCi/g	Avg	36.47	Maximum
204	20	SOU204-179	Protactinium-231	18.6489	pCi/g	Avg	36.47	Maximum
204	20	SOU204-166	Protactinium-231	18.6489	pCi/g	Avg	36.47	Maximum
204	20	SOU204-180	Protactinium-231	0.8278	pCi/g	Grid Value	36.47	Maximum
204	20	SOU204-168	Protactinium-231	36.47	pCi/g	Grid Value	36.47	Maximum
204	20	SOU204-178	Silver	50	mg/kg	Grid Value	47	Maximum
204	20	SOU204-168	Silver	0.023	mg/kg	Grid Value	47	Maximum
204	20	SOU204-166	Silver	50	mg/kg	Grid Value	47	Maximum
204	20	SOU204-180	Silver	47	mg/kg	Grid Value	47	Maximum
204	20	SOU204-167	Silver	50	mg/kg	Grid Value	47	Maximum
204	20	SOU204-179	Silver	50	mg/kg	Grid Value	47	Maximum
204	20	SOU204-168	Uranium	13070	mg/kg	Grid Value	13070	Maximum
204	20	SOU204-180	Uranium	64	mg/kg	Grid Value	13070	Maximum
204	20	SOU204-167	Uranium	10	mg/kg	Grid Value	13070	Maximum
204	20	SOU204-178	Uranium	10	mg/kg	Grid Value	13070	Maximum
204	20	SOU204-179	Uranium	10	mg/kg	Grid Value	13070	Maximum
204	20	SOU204-166	Uranium	10	mg/kg	Grid Value	13070	Maximum
204	20	SOU204-166	Uranium-234	223.9	pCi/g	Avg	445	Maximum
204	20	SOU204-167	Uranium-234	223.9	pCi/g	Avg	445	Maximum
204	20	SOU204-168	Uranium-234	445	pCi/g	Grid Value	445	Maximum

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
204	20	SOU204-178	Uranium-234	223.9	pCi/g	Avg	445	Maximum
204	20	SOU204-179	Uranium-234	223.9	pCi/g	Avg	445	Maximum
204	20	SOU204-180	Uranium-234	2.8	pCi/g	Grid Value	445	Maximum
204	20	SOU204-178	Uranium-235	28.686	pCi/g	Avg	57	Maximum
204	20	SOU204-166	Uranium-235	28.686	pCi/g	Avg	57	Maximum
204	20	SOU204-168	Uranium-235	57	pCi/g	Grid Value	57	Maximum
204	20	SOU204-179	Uranium-235	28.686	pCi/g	Avg	57	Maximum
204	20	SOU204-180	Uranium-235	0.372	pCi/g	Grid Value	57	Maximum
204	20	SOU204-167	Uranium-235	28.686	pCi/g	Avg	57	Maximum
204	20	SOU204-166	Uranium-238	2204	pCi/g	Avg	4386	Maximum
204	20	SOU204-167	Uranium-238	2204	pCi/g	Avg	4386	Maximum
204	20	SOU204-168	Uranium-238	4386	pCi/g	Grid Value	4386	Maximum
204	20	SOU204-178	Uranium-238	2204	pCi/g	Avg	4386	Maximum
204	20	SOU204-179	Uranium-238	2204	pCi/g	Avg	4386	Maximum
204	20	SOU204-180	Uranium-238	22	pCi/g	Grid Value	4386	Maximum
204	20	SOU204-168	Vanadium	100	mg/kg	Grid Value	114	Maximum
204	20	SOU204-167	Vanadium	107	mg/kg	Grid Value	114	Maximum
204	20	SOU204-178	Vanadium	114	mg/kg	Grid Value	114	Maximum
204	20	SOU204-179	Vanadium	110	mg/kg	Grid Value	114	Maximum
204	20	SOU204-180	Vanadium	105	mg/kg	Grid Value	114	Maximum
204	20	SOU204-166	Vanadium	110	mg/kg	Grid Value	114	Maximum
204	21	SOU204-170	Arsenic	10	mg/kg	Grid Value	8.6	Maximum
204	21	SOU204-183	Arsenic	10	mg/kg	Grid Value	8.6	Maximum
204	21	SOU204-182	Arsenic	10	mg/kg	Grid Value	8.6	Maximum
204	21	SOU204-171	Arsenic	7.8	mg/kg	Grid Value	8.6	Maximum
204	21	SOU204-169	Arsenic	10	mg/kg	Grid Value	8.6	Maximum
204	21	SOU204-181	Arsenic	8.6	mg/kg	Grid Value	8.6	Maximum
204	21	SOU204-169	Cobalt	12.5	mg/kg	Avg	18	Maximum
204	21	SOU204-183	Cobalt	12.5	mg/kg	Avg	18	Maximum
204	21	SOU204-182	Cobalt	12.5	mg/kg	Avg	18	Maximum
204	21	SOU204-181	Cobalt	18	mg/kg	Grid Value	18	Maximum
204	21	SOU204-170	Cobalt	12.5	mg/kg	Avg	18	Maximum
204	21	SOU204-171	Cobalt	7	mg/kg	Grid Value	18	Maximum
204	21	SOU204-183	Manganese	471	mg/kg	Grid Value	1131	Maximum
204	21	SOU204-181	Manganese	960	mg/kg	Grid Value	1131	Maximum
204	21	SOU204-182	Manganese	269	mg/kg	Grid Value	1131	Maximum
204	21	SOU204-169	Manganese	1131	mg/kg	Grid Value	1131	Maximum
204	21	SOU204-170	Manganese	920	mg/kg	Grid Value	1131	Maximum
204	21	SOU204-171	Manganese	550	mg/kg	Grid Value	1131	Maximum
204	21	SOU204-182	PAH, Total	0.010345	mg/kg	Avg	0.01623	Maximum
204	21	SOU204-183	PAH, Total	0.010345	mg/kg	Avg	0.01623	Maximum
204	21	SOU204-181	PAH, Total	0.00446	mg/kg	Grid Value	0.01623	Maximum
204	21	SOU204-169	PAH, Total	0.010345	mg/kg	Avg	0.01623	Maximum
204	21	SOU204-170	PAH, Total	0.010345	mg/kg	Avg	0.01623	Maximum
204	21	SOU204-171	PAH, Total	0.01623	mg/kg	Grid Value	0.01623	Maximum
204	21	SOU204-169	Vanadium	94	mg/kg	Grid Value	120	Maximum
204	21	SOU204-170	Vanadium	119	mg/kg	Grid Value	120	Maximum
204	21	SOU204-171	Vanadium	103	mg/kg	Grid Value	120	Maximum

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
204	21	SOU204-181	Vanadium	120	mg/kg	Grid Value	120	Maximum
204	21	SOU204-182	Vanadium	113	mg/kg	Grid Value	120	Maximum
204	21	SOU204-183	Vanadium	96	mg/kg	Grid Value	120	Maximum
204	3	SOU204-032	Arsenic	11	mg/kg	Grid Value	11	Maximum
204	3	SOU204-045	Arsenic	10	mg/kg	Grid Value	11	Maximum
204	3	SOU204-044	Arsenic	10	mg/kg	Grid Value	11	Maximum
204	3	SOU204-043	Arsenic	10	mg/kg	Grid Value	11	Maximum
204	3	SOU204-033	Arsenic	10	mg/kg	Grid Value	11	Maximum
204	3	SOU204-019	Arsenic	10	mg/kg	Grid Value	11	Maximum
204	3	SOU204-020	Arsenic	10	mg/kg	Grid Value	11	Maximum
204	3	SOU204-021	Arsenic	10	mg/kg	Grid Value	11	Maximum
204	3	SOU204-031	Arsenic	10	mg/kg	Grid Value	11	Maximum
204	3	SOU204-020	Manganese	595	mg/kg	Grid Value	1054	Maximum
204	3	SOU204-019	Manganese	870	mg/kg	Grid Value	1054	Maximum
204	3	SOU204-021	Manganese	733	mg/kg	Grid Value	1054	Maximum
204	3	SOU204-031	Manganese	653	mg/kg	Grid Value	1054	Maximum
204	3	SOU204-032	Manganese	744	mg/kg	Grid Value	1054	Maximum
204	3	SOU204-033	Manganese	621	mg/kg	Grid Value	1054	Maximum
204	3	SOU204-043	Manganese	692	mg/kg	Grid Value	1054	Maximum
204	3	SOU204-044	Manganese	1054	mg/kg	Grid Value	1054	Maximum
204	3	SOU204-045	Manganese	634	mg/kg	Grid Value	1054	Maximum
204	3	SOU204-031	PAH, Total	0.020995	mg/kg	Avg	0.0352	Maximum
204	3	SOU204-045	PAH, Total	0.020995	mg/kg	Avg	0.0352	Maximum
204	3	SOU204-019	PAH, Total	0.00679	mg/kg	Grid Value	0.0352	Maximum
204	3	SOU204-032	PAH, Total	0.0352	mg/kg	Grid Value	0.0352	Maximum
204	3	SOU204-021	PAH, Total	0.020995	mg/kg	Avg	0.0352	Maximum
204	3	SOU204-033	PAH, Total	0.020995	mg/kg	Avg	0.0352	Maximum
204	3	SOU204-043	PAH, Total	0.020995	mg/kg	Avg	0.0352	Maximum
204	3	SOU204-044	PAH, Total	0.020995	mg/kg	Avg	0.0352	Maximum
204	3	SOU204-020	PAH, Total	0.020995	mg/kg	Avg	0.0352	Maximum
204	3	SOU204-021	Silver	50	mg/kg	Grid Value	54	Maximum
204	3	SOU204-032	Silver	0.028	mg/kg	Grid Value	54	Maximum
204	3	SOU204-045	Silver	50	mg/kg	Grid Value	54	Maximum
204	3	SOU204-044	Silver	50	mg/kg	Grid Value	54	Maximum
204	3	SOU204-043	Silver	29	mg/kg	Grid Value	54	Maximum
204	3	SOU204-019	Silver	0.031	mg/kg	Grid Value	54	Maximum
204	3	SOU204-033	Silver	50	mg/kg	Grid Value	54	Maximum
204	3	SOU204-020	Silver	50	mg/kg	Grid Value	54	Maximum
204	3	SOU204-031	Silver	54	mg/kg	Grid Value	54	Maximum
204	3	SOU204-044	Uranium-238	1.765	pCi/g	Avg	2.31	Maximum
204	3	SOU204-043	Uranium-238	1.765	pCi/g	Avg	2.31	Maximum
204	3	SOU204-031	Uranium-238	1.765	pCi/g	Avg	2.31	Maximum
204	3	SOU204-033	Uranium-238	1.765	pCi/g	Avg	2.31	Maximum
204	3	SOU204-032	Uranium-238	2.31	pCi/g	Grid Value	2.31	Maximum
204	3	SOU204-021	Uranium-238	1.765	pCi/g	Avg	2.31	Maximum
204	3	SOU204-020	Uranium-238	1.765	pCi/g	Avg	2.31	Maximum
204	3	SOU204-019	Uranium-238	1.22	pCi/g	Grid Value	2.31	Maximum
204	3	SOU204-045	Uranium-238	1.765	pCi/g	Avg	2.31	Maximum

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
204	3	SOU204-031	Vanadium	99	mg/kg	Grid Value	122	Maximum
204	3	SOU204-019	Vanadium	95	mg/kg	Grid Value	122	Maximum
204	3	SOU204-045	Vanadium	97	mg/kg	Grid Value	122	Maximum
204	3	SOU204-044	Vanadium	100	mg/kg	Grid Value	122	Maximum
204	3	SOU204-043	Vanadium	109	mg/kg	Grid Value	122	Maximum
204	3	SOU204-033	Vanadium	122	mg/kg	Grid Value	122	Maximum
204	3	SOU204-032	Vanadium	112	mg/kg	Grid Value	122	Maximum
204	3	SOU204-021	Vanadium	88	mg/kg	Grid Value	122	Maximum
204	3	SOU204-020	Vanadium	105	mg/kg	Grid Value	122	Maximum
204	4	SOU204-046	Arsenic	10	mg/kg	Grid Value	11	Maximum
204	4	SOU204-036	Arsenic	11	mg/kg	Grid Value	11	Maximum
204	4	SOU204-035	Arsenic	8	mg/kg	Grid Value	11	Maximum
204	4	SOU204-034	Arsenic	10	mg/kg	Grid Value	11	Maximum
204	4	SOU204-024	Arsenic	10	mg/kg	Grid Value	11	Maximum
204	4	SOU204-047	Arsenic	10	mg/kg	Grid Value	11	Maximum
204	4	SOU204-022	Arsenic	10	mg/kg	Grid Value	11	Maximum
204	4	SOU204-048	Arsenic	10	mg/kg	Grid Value	11	Maximum
204	4	SOU204-023	Arsenic	10	mg/kg	Grid Value	11	Maximum
204	4	SOU204-048	Iron	29217	mg/kg	Grid Value	29217	Maximum
204	4	SOU204-023	Iron	23139	mg/kg	Grid Value	29217	Maximum
204	4	SOU204-024	Iron	22356	mg/kg	Grid Value	29217	Maximum
204	4	SOU204-034	Iron	22600	mg/kg	Grid Value	29217	Maximum
204	4	SOU204-035	Iron	23766	mg/kg	Grid Value	29217	Maximum
204	4	SOU204-036	Iron	25765	mg/kg	Grid Value	29217	Maximum
204	4	SOU204-046	Iron	27503	mg/kg	Grid Value	29217	Maximum
204	4	SOU204-047	Iron	24079	mg/kg	Grid Value	29217	Maximum
204	4	SOU204-022	Iron	19618	mg/kg	Grid Value	29217	Maximum
204	4	SOU204-023	Manganese	498	mg/kg	Grid Value	897	Maximum
204	4	SOU204-048	Manganese	551	mg/kg	Grid Value	897	Maximum
204	4	SOU204-024	Manganese	425	mg/kg	Grid Value	897	Maximum
204	4	SOU204-034	Manganese	740	mg/kg	Grid Value	897	Maximum
204	4	SOU204-035	Manganese	795	mg/kg	Grid Value	897	Maximum
204	4	SOU204-036	Manganese	618	mg/kg	Grid Value	897	Maximum
204	4	SOU204-046	Manganese	897	mg/kg	Grid Value	897	Maximum
204	4	SOU204-047	Manganese	636	mg/kg	Grid Value	897	Maximum
204	4	SOU204-022	Manganese	578	mg/kg	Grid Value	897	Maximum
204	4	SOU204-046	Molybdenum	41	mg/kg	Grid Value	41	Maximum
204	4	SOU204-022	Molybdenum	3	mg/kg	Grid Value	41	Maximum
204	4	SOU204-023	Molybdenum	3	mg/kg	Grid Value	41	Maximum
204	4	SOU204-024	Molybdenum	3	mg/kg	Grid Value	41	Maximum
204	4	SOU204-034	Molybdenum	3	mg/kg	Grid Value	41	Maximum
204	4	SOU204-035	Molybdenum	0.65	mg/kg	Grid Value	41	Maximum
204	4	SOU204-036	Molybdenum	29	mg/kg	Grid Value	41	Maximum
204	4	SOU204-047	Molybdenum	3	mg/kg	Grid Value	41	Maximum
204	4	SOU204-048	Molybdenum	3	mg/kg	Grid Value	41	Maximum
204	4	SOU204-024	PAH, Total	0.012905	mg/kg	Avg	0.0233	Maximum
204	4	SOU204-048	PAH, Total	0.012905	mg/kg	Avg	0.0233	Maximum
204	4	SOU204-047	PAH, Total	0.012905	mg/kg	Avg	0.0233	Maximum

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
204	4	SOU204-046	PAH, Total	0.012905	mg/kg	Avg	0.0233	Maximum
204	4	SOU204-036	PAH, Total	0.0233	mg/kg	Grid Value	0.0233	Maximum
204	4	SOU204-034	PAH, Total	0.012905	mg/kg	Avg	0.0233	Maximum
204	4	SOU204-023	PAH, Total	0.012905	mg/kg	Avg	0.0233	Maximum
204	4	SOU204-022	PAH, Total	0.012905	mg/kg	Avg	0.0233	Maximum
204	4	SOU204-035	PAH, Total	0.00251	mg/kg	Grid Value	0.0233	Maximum
204	4	SOU204-048	Silver	50	mg/kg	Grid Value	59	Maximum
204	4	SOU204-035	Silver	0.023	mg/kg	Grid Value	59	Maximum
204	4	SOU204-023	Silver	50	mg/kg	Grid Value	59	Maximum
204	4	SOU204-022	Silver	50	mg/kg	Grid Value	59	Maximum
204	4	SOU204-034	Silver	50	mg/kg	Grid Value	59	Maximum
204	4	SOU204-036	Silver	0.03	mg/kg	Grid Value	59	Maximum
204	4	SOU204-046	Silver	59	mg/kg	Grid Value	59	Maximum
204	4	SOU204-047	Silver	50	mg/kg	Grid Value	59	Maximum
204	4	SOU204-024	Silver	50	mg/kg	Grid Value	59	Maximum
204	4	SOU204-035	Uranium-238	1.12	pCi/g	Grid Value	1.82	Maximum
204	4	SOU204-047	Uranium-238	1.47	pCi/g	Avg	1.82	Maximum
204	4	SOU204-022	Uranium-238	1.47	pCi/g	Avg	1.82	Maximum
204	4	SOU204-023	Uranium-238	1.47	pCi/g	Avg	1.82	Maximum
204	4	SOU204-024	Uranium-238	1.47	pCi/g	Avg	1.82	Maximum
204	4	SOU204-034	Uranium-238	1.47	pCi/g	Avg	1.82	Maximum
204	4	SOU204-036	Uranium-238	1.82	pCi/g	Grid Value	1.82	Maximum
204	4	SOU204-046	Uranium-238	1.47	pCi/g	Avg	1.82	Maximum
204	4	SOU204-048	Uranium-238	1.47	pCi/g	Avg	1.82	Maximum
204	4	SOU204-048	Vanadium	135	mg/kg	Grid Value	139	Maximum
204	4	SOU204-023	Vanadium	96	mg/kg	Grid Value	139	Maximum
204	4	SOU204-024	Vanadium	139	mg/kg	Grid Value	139	Maximum
204	4	SOU204-034	Vanadium	112	mg/kg	Grid Value	139	Maximum
204	4	SOU204-035	Vanadium	128	mg/kg	Grid Value	139	Maximum
204	4	SOU204-036	Vanadium	119	mg/kg	Grid Value	139	Maximum
204	4	SOU204-046	Vanadium	113	mg/kg	Grid Value	139	Maximum
204	4	SOU204-022	Vanadium	105	mg/kg	Grid Value	139	Maximum
204	4	SOU204-047	Vanadium	109	mg/kg	Grid Value	139	Maximum
204	5	SOU204-051	Arsenic	3.7	mg/kg	Grid Value	56.7	UCL95
204	5	SOU204-026	Arsenic	9.5	mg/kg	Grid Value	56.7	UCL95
204	5	SOU204-025	Arsenic	10	mg/kg	Grid Value	56.7	UCL95
204	5	SOU204-015	Arsenic	3	mg/kg	Grid Value	56.7	UCL95
204	5	SOU204-027	Arsenic	10	mg/kg	Grid Value	56.7	UCL95
204	5	SOU204-014	Arsenic	10	mg/kg	Grid Value	56.7	UCL95
204	5	SOU204-039	Arsenic	10	mg/kg	Grid Value	56.7	UCL95
204	5	SOU204-037	Arsenic	107	mg/kg	Grid Value	56.7	UCL95
204	5	SOU204-050	Arsenic	10	mg/kg	Grid Value	56.7	UCL95
204	5	SOU204-049	Arsenic	10	mg/kg	Grid Value	56.7	UCL95
204	5	SOU204-038	Arsenic	10	mg/kg	Grid Value	56.7	UCL95
204	5	SOU204-027	Cobalt	8.633333	mg/kg	Avg	10.41	UCL95
204	5	SOU204-037	Cobalt	8.633333	mg/kg	Avg	10.41	UCL95
204	5	SOU204-026	Cobalt	17	mg/kg	Grid Value	10.41	UCL95
204	5	SOU204-038	Cobalt	8.633333	mg/kg	Avg	10.41	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
204	5	SOU204-014	Cobalt	8.633333	mg/kg	Avg	10.41	UCL95
204	5	SOU204-025	Cobalt	8.633333	mg/kg	Avg	10.41	UCL95
204	5	SOU204-039	Cobalt	8.633333	mg/kg	Avg	10.41	UCL95
204	5	SOU204-015	Cobalt	5	mg/kg	Grid Value	10.41	UCL95
204	5	SOU204-051	Cobalt	3.9	mg/kg	Grid Value	10.41	UCL95
204	5	SOU204-050	Cobalt	8.633333	mg/kg	Avg	10.41	UCL95
204	5	SOU204-049	Cobalt	8.633333	mg/kg	Avg	10.41	UCL95
204	5	SOU204-037	Manganese	724	mg/kg	Grid Value	974.8	UCL95
204	5	SOU204-049	Manganese	672	mg/kg	Grid Value	974.8	UCL95
204	5	SOU204-027	Manganese	847	mg/kg	Grid Value	974.8	UCL95
204	5	SOU204-038	Manganese	667	mg/kg	Grid Value	974.8	UCL95
204	5	SOU204-051	Manganese	878	mg/kg	Grid Value	974.8	UCL95
204	5	SOU204-026	Manganese	1500	mg/kg	Grid Value	974.8	UCL95
204	5	SOU204-039	Manganese	632	mg/kg	Grid Value	974.8	UCL95
204	5	SOU204-025	Manganese	992	mg/kg	Grid Value	974.8	UCL95
204	5	SOU204-015	Manganese	575	mg/kg	Grid Value	974.8	UCL95
204	5	SOU204-014	Manganese	885	mg/kg	Grid Value	974.8	UCL95
204	5	SOU204-050	Manganese	821	mg/kg	Grid Value	974.8	UCL95
204	5	SOU204-014	PAH, Total	0.011105	mg/kg	Avg	0.0166	UCL95
204	5	SOU204-051	PAH, Total	0.02037	mg/kg	Grid Value	0.0166	UCL95
204	5	SOU204-027	PAH, Total	0.011105	mg/kg	Avg	0.0166	UCL95
204	5	SOU204-037	PAH, Total	0.011105	mg/kg	Avg	0.0166	UCL95
204	5	SOU204-026	PAH, Total	0.00184	mg/kg	Grid Value	0.0166	UCL95
204	5	SOU204-050	PAH, Total	0.011105	mg/kg	Avg	0.0166	UCL95
204	5	SOU204-015	PAH, Total	0.011105	mg/kg	Avg	0.0166	UCL95
204	5	SOU204-038	PAH, Total	0.011105	mg/kg	Avg	0.0166	UCL95
204	5	SOU204-039	PAH, Total	0.011105	mg/kg	Avg	0.0166	UCL95
204	5	SOU204-049	PAH, Total	0.011105	mg/kg	Avg	0.0166	UCL95
204	5	SOU204-025	PAH, Total	0.011105	mg/kg	Avg	0.0166	UCL95
204	5	SOU204-026	Uranium-238	0.957	pCi/g	Grid Value	6.595	UCL95
204	5	SOU204-014	Uranium-238	3.6475	pCi/g	Avg	6.595	UCL95
204	5	SOU204-025	Uranium-238	3.6475	pCi/g	Avg	6.595	UCL95
204	5	SOU204-027	Uranium-238	3.6475	pCi/g	Avg	6.595	UCL95
204	5	SOU204-037	Uranium-238	2.41	pCi/g	Grid Value	6.595	UCL95
204	5	SOU204-038	Uranium-238	3.6475	pCi/g	Avg	6.595	UCL95
204	5	SOU204-039	Uranium-238	3.6475	pCi/g	Avg	6.595	UCL95
204	5	SOU204-049	Uranium-238	3.6475	pCi/g	Avg	6.595	UCL95
204	5	SOU204-050	Uranium-238	3.6475	pCi/g	Avg	6.595	UCL95
204	5	SOU204-051	Uranium-238	1.5	pCi/g	Grid Value	6.595	UCL95
204	5	SOU204-015	Uranium-238	9.723	pCi/g	Grid Value	6.595	UCL95
204	5	SOU204-039	Vanadium	116	mg/kg	Grid Value	121.3	UCL95
204	5	SOU204-015	Vanadium	99	mg/kg	Grid Value	121.3	UCL95
204	5	SOU204-025	Vanadium	118	mg/kg	Grid Value	121.3	UCL95
204	5	SOU204-026	Vanadium	119	mg/kg	Grid Value	121.3	UCL95
204	5	SOU204-027	Vanadium	127	mg/kg	Grid Value	121.3	UCL95
204	5	SOU204-038	Vanadium	127	mg/kg	Grid Value	121.3	UCL95
204	5	SOU204-049	Vanadium	95	mg/kg	Grid Value	121.3	UCL95
204	5	SOU204-050	Vanadium	109	mg/kg	Grid Value	121.3	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
204	5	SOU204-051	Vanadium	118	mg/kg	Grid Value	121.3	UCL95
204	5	SOU204-037	Vanadium	132	mg/kg	Grid Value	121.3	UCL95
204	5	SOU204-014	Vanadium	100	mg/kg	Grid Value	121.3	UCL95
204	6	SOU204-076	Arsenic	10	mg/kg	Grid Value	10	Maximum
204	6	SOU204-077	Arsenic	10	mg/kg	Grid Value	10	Maximum
204	6	SOU204-065	Arsenic	10	mg/kg	Grid Value	10	Maximum
204	6	SOU204-064	Arsenic	9	mg/kg	Grid Value	10	Maximum
204	6	SOU204-054	Arsenic	10	mg/kg	Grid Value	10	Maximum
204	6	SOU204-052	Arsenic	10	mg/kg	Grid Value	10	Maximum
204	6	SOU204-053	Arsenic	10	mg/kg	Grid Value	10	Maximum
204	6	SOU204-066	Arsenic	10	mg/kg	Grid Value	10	Maximum
204	6	SOU204-078	Arsenic	10	mg/kg	Grid Value	10	Maximum
204	6	SOU204-054	Iron	26100	mg/kg	Grid Value	31705	Maximum
204	6	SOU204-078	Iron	24475	mg/kg	Grid Value	31705	Maximum
204	6	SOU204-077	Iron	25679	mg/kg	Grid Value	31705	Maximum
204	6	SOU204-076	Iron	29973	mg/kg	Grid Value	31705	Maximum
204	6	SOU204-066	Iron	25923	mg/kg	Grid Value	31705	Maximum
204	6	SOU204-064	Iron	29000	mg/kg	Grid Value	31705	Maximum
204	6	SOU204-053	Iron	25337	mg/kg	Grid Value	31705	Maximum
204	6	SOU204-052	Iron	31705	mg/kg	Grid Value	31705	Maximum
204	6	SOU204-065	Iron	26818	mg/kg	Grid Value	31705	Maximum
204	6	SOU204-066	Manganese	700	mg/kg	Grid Value	2648	Maximum
204	6	SOU204-052	Manganese	606	mg/kg	Grid Value	2648	Maximum
204	6	SOU204-053	Manganese	601	mg/kg	Grid Value	2648	Maximum
204	6	SOU204-054	Manganese	732	mg/kg	Grid Value	2648	Maximum
204	6	SOU204-064	Manganese	914	mg/kg	Grid Value	2648	Maximum
204	6	SOU204-076	Manganese	475	mg/kg	Grid Value	2648	Maximum
204	6	SOU204-078	Manganese	2648	mg/kg	Grid Value	2648	Maximum
204	6	SOU204-065	Manganese	1800	mg/kg	Grid Value	2648	Maximum
204	6	SOU204-077	Manganese	500	mg/kg	Grid Value	2648	Maximum
204	6	SOU204-053	PAH, Total	0.0325	mg/kg	Avg	0.0325	Maximum
204	6	SOU204-077	PAH, Total	0.0325	mg/kg	Avg	0.0325	Maximum
204	6	SOU204-076	PAH, Total	0.0325	mg/kg	Avg	0.0325	Maximum
204	6	SOU204-066	PAH, Total	0.0325	mg/kg	Avg	0.0325	Maximum
204	6	SOU204-065	PAH, Total	0.0325	mg/kg	Avg	0.0325	Maximum
204	6	SOU204-054	PAH, Total	0.0325	mg/kg	Avg	0.0325	Maximum
204	6	SOU204-078	PAH, Total	0.0325	mg/kg	Avg	0.0325	Maximum
204	6	SOU204-052	PAH, Total	0.0325	mg/kg	Avg	0.0325	Maximum
204	6	SOU204-064	PAH, Total	0.0325	mg/kg	Grid Value	0.0325	Maximum
204	6	SOU204-054	Uranium-238	2.35	pCi/g	Avg	3.63	Maximum
204	6	SOU204-053	Uranium-238	2.35	pCi/g	Avg	3.63	Maximum
204	6	SOU204-065	Uranium-238	1.07	pCi/g	Grid Value	3.63	Maximum
204	6	SOU204-066	Uranium-238	2.35	pCi/g	Avg	3.63	Maximum
204	6	SOU204-076	Uranium-238	2.35	pCi/g	Avg	3.63	Maximum
204	6	SOU204-077	Uranium-238	2.35	pCi/g	Avg	3.63	Maximum
204	6	SOU204-078	Uranium-238	2.35	pCi/g	Avg	3.63	Maximum
204	6	SOU204-064	Uranium-238	3.63	pCi/g	Grid Value	3.63	Maximum
204	6	SOU204-052	Uranium-238	2.35	pCi/g	Avg	3.63	Maximum

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
204	6	SOU204-078	Vanadium	116	mg/kg	Grid Value	125	Maximum
204	6	SOU204-052	Vanadium	101	mg/kg	Grid Value	125	Maximum
204	6	SOU204-053	Vanadium	101	mg/kg	Grid Value	125	Maximum
204	6	SOU204-054	Vanadium	125	mg/kg	Grid Value	125	Maximum
204	6	SOU204-064	Vanadium	105	mg/kg	Grid Value	125	Maximum
204	6	SOU204-065	Vanadium	101	mg/kg	Grid Value	125	Maximum
204	6	SOU204-066	Vanadium	88	mg/kg	Grid Value	125	Maximum
204	6	SOU204-076	Vanadium	100	mg/kg	Grid Value	125	Maximum
204	6	SOU204-077	Vanadium	110	mg/kg	Grid Value	125	Maximum
204	7	SOU204-069	Arsenic	10	mg/kg	Grid Value	17	Maximum
204	7	SOU204-068	Arsenic	10	mg/kg	Grid Value	17	Maximum
204	7	SOU204-067	Arsenic	10	mg/kg	Grid Value	17	Maximum
204	7	SOU204-057	Arsenic	10	mg/kg	Grid Value	17	Maximum
204	7	SOU204-056	Arsenic	10	mg/kg	Grid Value	17	Maximum
204	7	SOU204-055	Arsenic	17	mg/kg	Grid Value	17	Maximum
204	7	SOU204-080	Arsenic	10	mg/kg	Grid Value	17	Maximum
204	7	SOU204-081	Arsenic	10	mg/kg	Grid Value	17	Maximum
204	7	SOU204-079	Arsenic	10	mg/kg	Grid Value	17	Maximum
204	7	SOU204-055	Cobalt	15	mg/kg	Grid Value	15	Maximum
204	7	SOU204-056	Cobalt	15	mg/kg	Avg	15	Maximum
204	7	SOU204-067	Cobalt	15	mg/kg	Avg	15	Maximum
204	7	SOU204-068	Cobalt	15	mg/kg	Avg	15	Maximum
204	7	SOU204-069	Cobalt	15	mg/kg	Avg	15	Maximum
204	7	SOU204-079	Cobalt	15	mg/kg	Avg	15	Maximum
204	7	SOU204-080	Cobalt	15	mg/kg	Avg	15	Maximum
204	7	SOU204-081	Cobalt	15	mg/kg	Avg	15	Maximum
204	7	SOU204-057	Cobalt	15	mg/kg	Avg	15	Maximum
204	7	SOU204-056	Iron	21757	mg/kg	Grid Value	29466	Maximum
204	7	SOU204-080	Iron	24773	mg/kg	Grid Value	29466	Maximum
204	7	SOU204-079	Iron	28501	mg/kg	Grid Value	29466	Maximum
204	7	SOU204-069	Iron	25623	mg/kg	Grid Value	29466	Maximum
204	7	SOU204-068	Iron	24261	mg/kg	Grid Value	29466	Maximum
204	7	SOU204-057	Iron	25657	mg/kg	Grid Value	29466	Maximum
204	7	SOU204-081	Iron	27493	mg/kg	Grid Value	29466	Maximum
204	7	SOU204-055	Iron	29466	mg/kg	Grid Value	29466	Maximum
204	7	SOU204-067	Iron	22191	mg/kg	Grid Value	29466	Maximum
204	7	SOU204-069	Manganese	796	mg/kg	Grid Value	2800	Maximum
204	7	SOU204-081	Manganese	795	mg/kg	Grid Value	2800	Maximum
204	7	SOU204-080	Manganese	1839	mg/kg	Grid Value	2800	Maximum
204	7	SOU204-079	Manganese	390	mg/kg	Grid Value	2800	Maximum
204	7	SOU204-068	Manganese	1939	mg/kg	Grid Value	2800	Maximum
204	7	SOU204-067	Manganese	709	mg/kg	Grid Value	2800	Maximum
204	7	SOU204-057	Manganese	799	mg/kg	Grid Value	2800	Maximum
204	7	SOU204-055	Manganese	2800	mg/kg	Grid Value	2800	Maximum
204	7	SOU204-056	Manganese	718	mg/kg	Grid Value	2800	Maximum
204	7	SOU204-081	PAH, Total	0.00968	mg/kg	Avg	0.00968	Maximum
204	7	SOU204-055	PAH, Total	0.00968	mg/kg	Grid Value	0.00968	Maximum
204	7	SOU204-056	PAH, Total	0.00968	mg/kg	Avg	0.00968	Maximum

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
204	7	SOU204-068	PAH, Total	0.00968	mg/kg	Avg	0.00968	Maximum
204	7	SOU204-067	PAH, Total	0.00968	mg/kg	Avg	0.00968	Maximum
204	7	SOU204-069	PAH, Total	0.00968	mg/kg	Avg	0.00968	Maximum
204	7	SOU204-079	PAH, Total	0.00968	mg/kg	Avg	0.00968	Maximum
204	7	SOU204-080	PAH, Total	0.00968	mg/kg	Avg	0.00968	Maximum
204	7	SOU204-057	PAH, Total	0.00968	mg/kg	Avg	0.00968	Maximum
204	7	SOU204-056	Uranium-238	2.04	pCi/g	Avg	2.04	Maximum
204	7	SOU204-057	Uranium-238	2.04	pCi/g	Avg	2.04	Maximum
204	7	SOU204-067	Uranium-238	2.04	pCi/g	Avg	2.04	Maximum
204	7	SOU204-068	Uranium-238	2.04	pCi/g	Avg	2.04	Maximum
204	7	SOU204-069	Uranium-238	2.04	pCi/g	Avg	2.04	Maximum
204	7	SOU204-079	Uranium-238	2.04	pCi/g	Avg	2.04	Maximum
204	7	SOU204-080	Uranium-238	2.04	pCi/g	Avg	2.04	Maximum
204	7	SOU204-081	Uranium-238	2.04	pCi/g	Avg	2.04	Maximum
204	7	SOU204-055	Uranium-238	2.04	pCi/g	Grid Value	2.04	Maximum
204	7	SOU204-081	Vanadium	111	mg/kg	Grid Value	127	Maximum
204	7	SOU204-055	Vanadium	94	mg/kg	Grid Value	127	Maximum
204	7	SOU204-056	Vanadium	119	mg/kg	Grid Value	127	Maximum
204	7	SOU204-057	Vanadium	105	mg/kg	Grid Value	127	Maximum
204	7	SOU204-067	Vanadium	109	mg/kg	Grid Value	127	Maximum
204	7	SOU204-068	Vanadium	102	mg/kg	Grid Value	127	Maximum
204	7	SOU204-069	Vanadium	127	mg/kg	Grid Value	127	Maximum
204	7	SOU204-080	Vanadium	100	mg/kg	Grid Value	127	Maximum
204	7	SOU204-079	Vanadium	104	mg/kg	Grid Value	127	Maximum
204	8	SOU204-070	Arsenic	7.3	mg/kg	Grid Value	8.4	Maximum
204	8	SOU204-083	Arsenic	8.4	mg/kg	Grid Value	8.4	Maximum
204	8	SOU204-082	Arsenic	10	mg/kg	Grid Value	8.4	Maximum
204	8	SOU204-084	Arsenic	10	mg/kg	Grid Value	8.4	Maximum
204	8	SOU204-060	Arsenic	10	mg/kg	Grid Value	8.4	Maximum
204	8	SOU204-059	Arsenic	10	mg/kg	Grid Value	8.4	Maximum
204	8	SOU204-058	Arsenic	10	mg/kg	Grid Value	8.4	Maximum
204	8	SOU204-072	Arsenic	10	mg/kg	Grid Value	8.4	Maximum
204	8	SOU204-071	Arsenic	10	mg/kg	Grid Value	8.4	Maximum
204	8	SOU204-072	Cobalt	11.4	mg/kg	Avg	14	Maximum
204	8	SOU204-084	Cobalt	11.4	mg/kg	Avg	14	Maximum
204	8	SOU204-082	Cobalt	11.4	mg/kg	Avg	14	Maximum
204	8	SOU204-071	Cobalt	11.4	mg/kg	Avg	14	Maximum
204	8	SOU204-070	Cobalt	8.8	mg/kg	Grid Value	14	Maximum
204	8	SOU204-060	Cobalt	11.4	mg/kg	Avg	14	Maximum
204	8	SOU204-059	Cobalt	11.4	mg/kg	Avg	14	Maximum
204	8	SOU204-058	Cobalt	11.4	mg/kg	Avg	14	Maximum
204	8	SOU204-083	Cobalt	14	mg/kg	Grid Value	14	Maximum
204	8	SOU204-083	Iron	25155	mg/kg	Grid Value	30943	Maximum
204	8	SOU204-058	Iron	22054	mg/kg	Grid Value	30943	Maximum
204	8	SOU204-059	Iron	25039	mg/kg	Grid Value	30943	Maximum
204	8	SOU204-060	Iron	26523	mg/kg	Grid Value	30943	Maximum
204	8	SOU204-070	Iron	27466	mg/kg	Grid Value	30943	Maximum
204	8	SOU204-071	Iron	25623	mg/kg	Grid Value	30943	Maximum

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
204	8	SOU204-072	Iron	24618	mg/kg	Grid Value	30943	Maximum
204	8	SOU204-082	Iron	28457	mg/kg	Grid Value	30943	Maximum
204	8	SOU204-084	Iron	30943	mg/kg	Grid Value	30943	Maximum
204	8	SOU204-082	Manganese	1076	mg/kg	Grid Value	1385	Maximum
204	8	SOU204-083	Manganese	1300	mg/kg	Grid Value	1385	Maximum
204	8	SOU204-072	Manganese	749	mg/kg	Grid Value	1385	Maximum
204	8	SOU204-071	Manganese	1385	mg/kg	Grid Value	1385	Maximum
204	8	SOU204-070	Manganese	1000	mg/kg	Grid Value	1385	Maximum
204	8	SOU204-060	Manganese	1138	mg/kg	Grid Value	1385	Maximum
204	8	SOU204-058	Manganese	640	mg/kg	Grid Value	1385	Maximum
204	8	SOU204-059	Manganese	1161	mg/kg	Grid Value	1385	Maximum
204	8	SOU204-084	Manganese	1327	mg/kg	Grid Value	1385	Maximum
204	8	SOU204-070	PAH, Total	0.00449	mg/kg	Grid Value	0.07365	Maximum
204	8	SOU204-084	PAH, Total	0.03907	mg/kg	Avg	0.07365	Maximum
204	8	SOU204-058	PAH, Total	0.03907	mg/kg	Avg	0.07365	Maximum
204	8	SOU204-060	PAH, Total	0.03907	mg/kg	Avg	0.07365	Maximum
204	8	SOU204-071	PAH, Total	0.03907	mg/kg	Avg	0.07365	Maximum
204	8	SOU204-072	PAH, Total	0.03907	mg/kg	Avg	0.07365	Maximum
204	8	SOU204-082	PAH, Total	0.03907	mg/kg	Avg	0.07365	Maximum
204	8	SOU204-083	PAH, Total	0.07365	mg/kg	Grid Value	0.07365	Maximum
204	8	SOU204-059	PAH, Total	0.03907	mg/kg	Avg	0.07365	Maximum
204	8	SOU204-071	Uranium-238	1.585	pCi/g	Avg	2.01	Maximum
204	8	SOU204-058	Uranium-238	1.585	pCi/g	Avg	2.01	Maximum
204	8	SOU204-059	Uranium-238	1.585	pCi/g	Avg	2.01	Maximum
204	8	SOU204-070	Uranium-238	1.16	pCi/g	Grid Value	2.01	Maximum
204	8	SOU204-072	Uranium-238	1.585	pCi/g	Avg	2.01	Maximum
204	8	SOU204-082	Uranium-238	1.585	pCi/g	Avg	2.01	Maximum
204	8	SOU204-083	Uranium-238	2.01	pCi/g	Grid Value	2.01	Maximum
204	8	SOU204-084	Uranium-238	1.585	pCi/g	Avg	2.01	Maximum
204	8	SOU204-060	Uranium-238	1.585	pCi/g	Avg	2.01	Maximum
204	8	SOU204-070	Vanadium	115	mg/kg	Grid Value	132	Maximum
204	8	SOU204-084	Vanadium	115	mg/kg	Grid Value	132	Maximum
204	8	SOU204-060	Vanadium	132	mg/kg	Grid Value	132	Maximum
204	8	SOU204-058	Vanadium	104	mg/kg	Grid Value	132	Maximum
204	8	SOU204-071	Vanadium	113	mg/kg	Grid Value	132	Maximum
204	8	SOU204-072	Vanadium	112	mg/kg	Grid Value	132	Maximum
204	8	SOU204-082	Vanadium	111	mg/kg	Grid Value	132	Maximum
204	8	SOU204-083	Vanadium	128	mg/kg	Grid Value	132	Maximum
204	8	SOU204-059	Vanadium	118	mg/kg	Grid Value	132	Maximum
204	9	SOU204-087	Arsenic	10	mg/kg	Grid Value	8.4	Maximum
204	9	SOU204-086	Arsenic	10	mg/kg	Grid Value	8.4	Maximum
204	9	SOU204-085	Arsenic	8.4	mg/kg	Grid Value	8.4	Maximum
204	9	SOU204-075	Arsenic	6.9	mg/kg	Grid Value	8.4	Maximum
204	9	SOU204-074	Arsenic	10	mg/kg	Grid Value	8.4	Maximum
204	9	SOU204-073	Arsenic	10	mg/kg	Grid Value	8.4	Maximum
204	9	SOU204-061	Arsenic	10	mg/kg	Grid Value	8.4	Maximum
204	9	SOU204-062	Arsenic	10	mg/kg	Grid Value	8.4	Maximum
204	9	SOU204-063	Arsenic	10	mg/kg	Grid Value	8.4	Maximum

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
204	9	SOU204-086	Iron	29620	mg/kg	Grid Value	30596	Maximum
204	9	SOU204-087	Iron	29139	mg/kg	Grid Value	30596	Maximum
204	9	SOU204-085	Iron	30596	mg/kg	Grid Value	30596	Maximum
204	9	SOU204-075	Iron	24325	mg/kg	Grid Value	30596	Maximum
204	9	SOU204-074	Iron	24104	mg/kg	Grid Value	30596	Maximum
204	9	SOU204-063	Iron	22241	mg/kg	Grid Value	30596	Maximum
204	9	SOU204-062	Iron	24160	mg/kg	Grid Value	30596	Maximum
204	9	SOU204-061	Iron	25539	mg/kg	Grid Value	30596	Maximum
204	9	SOU204-073	Iron	24226	mg/kg	Grid Value	30596	Maximum
204	9	SOU204-086	Manganese	910	mg/kg	Grid Value	910	Maximum
204	9	SOU204-074	Manganese	867	mg/kg	Grid Value	910	Maximum
204	9	SOU204-061	Manganese	684	mg/kg	Grid Value	910	Maximum
204	9	SOU204-085	Manganese	693	mg/kg	Grid Value	910	Maximum
204	9	SOU204-087	Manganese	827	mg/kg	Grid Value	910	Maximum
204	9	SOU204-063	Manganese	816	mg/kg	Grid Value	910	Maximum
204	9	SOU204-062	Manganese	634	mg/kg	Grid Value	910	Maximum
204	9	SOU204-073	Manganese	718	mg/kg	Grid Value	910	Maximum
204	9	SOU204-075	Manganese	865	mg/kg	Grid Value	910	Maximum
204	9	SOU204-062	PAH, Total	2.5136	mg/kg	Avg	5.00941	Maximum
204	9	SOU204-061	PAH, Total	2.5136	mg/kg	Avg	5.00941	Maximum
204	9	SOU204-087	PAH, Total	2.5136	mg/kg	Avg	5.00941	Maximum
204	9	SOU204-086	PAH, Total	2.5136	mg/kg	Avg	5.00941	Maximum
204	9	SOU204-085	PAH, Total	5.00941	mg/kg	Grid Value	5.00941	Maximum
204	9	SOU204-075	PAH, Total	0.01779	mg/kg	Grid Value	5.00941	Maximum
204	9	SOU204-074	PAH, Total	2.5136	mg/kg	Avg	5.00941	Maximum
204	9	SOU204-073	PAH, Total	2.5136	mg/kg	Avg	5.00941	Maximum
204	9	SOU204-063	PAH, Total	2.5136	mg/kg	Avg	5.00941	Maximum
204	9	SOU204-086	Uranium-238	1.635	pCi/g	Avg	2.22	Maximum
204	9	SOU204-085	Uranium-238	2.22	pCi/g	Grid Value	2.22	Maximum
204	9	SOU204-063	Uranium-238	1.635	pCi/g	Avg	2.22	Maximum
204	9	SOU204-087	Uranium-238	1.635	pCi/g	Avg	2.22	Maximum
204	9	SOU204-061	Uranium-238	1.635	pCi/g	Avg	2.22	Maximum
204	9	SOU204-075	Uranium-238	1.05	pCi/g	Grid Value	2.22	Maximum
204	9	SOU204-074	Uranium-238	1.635	pCi/g	Avg	2.22	Maximum
204	9	SOU204-062	Uranium-238	1.635	pCi/g	Avg	2.22	Maximum
204	9	SOU204-073	Uranium-238	1.635	pCi/g	Avg	2.22	Maximum
204	9	SOU204-085	Vanadium	114	mg/kg	Grid Value	137	Maximum
204	9	SOU204-061	Vanadium	137	mg/kg	Grid Value	137	Maximum
204	9	SOU204-075	Vanadium	122	mg/kg	Grid Value	137	Maximum
204	9	SOU204-063	Vanadium	105	mg/kg	Grid Value	137	Maximum
204	9	SOU204-086	Vanadium	134	mg/kg	Grid Value	137	Maximum
204	9	SOU204-073	Vanadium	101	mg/kg	Grid Value	137	Maximum
204	9	SOU204-074	Vanadium	119	mg/kg	Grid Value	137	Maximum
204	9	SOU204-087	Vanadium	114	mg/kg	Grid Value	137	Maximum
204	9	SOU204-062	Vanadium	91	mg/kg	Grid Value	137	Maximum
211	1	SOU211-001A	Antimony	44.52	mg/kg	Grid Value	97.44	Maximum
211	1	SOU211-002A	Antimony	72.69	mg/kg	Grid Value	97.44	Maximum
211	1	SOU211-002	Antimony	97.44	mg/kg	Grid Value	97.44	Maximum

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
211	1	SOU211-001P	Antimony	1	mg/kg	Grid Value	97.44	Maximum
211	1	SOU211-001O	Antimony	47.2025	mg/kg	Avg	97.44	Maximum
211	1	SOU211-001C	Antimony	30	mg/kg	Grid Value	97.44	Maximum
211	1	SOU211-001	Antimony	92.95	mg/kg	Grid Value	97.44	Maximum
211	1	SOU211-001B	Antimony	38.02	mg/kg	Grid Value	97.44	Maximum
211	1	SOU211-001N	Antimony	1	mg/kg	Grid Value	97.44	Maximum
211	1	SOU211-001N	Arsenic	10	mg/kg	Grid Value	10	Maximum
211	1	SOU211-001P	Arsenic	3.45	mg/kg	Grid Value	10	Maximum
211	1	SOU211-002	Arsenic	10	mg/kg	Grid Value	10	Maximum
211	1	SOU211-001O	Arsenic	10	mg/kg	Grid Value	10	Maximum
211	1	SOU211-001B	Arsenic	11	mg/kg	Grid Value	10	Maximum
211	1	SOU211-001A	Arsenic	4.3	mg/kg	Grid Value	10	Maximum
211	1	SOU211-001	Arsenic	7.72	mg/kg	Grid Value	10	Maximum
211	1	SOU211-002A	Arsenic	6.94	mg/kg	Grid Value	10	Maximum
211	1	SOU211-001C	Arsenic	8.13	mg/kg	Grid Value	10	Maximum
211	1	SOU211-002	Cadmium	14.16	mg/kg	Grid Value	14.16	Maximum
211	1	SOU211-002A	Cadmium	12	mg/kg	Grid Value	14.16	Maximum
211	1	SOU211-001P	Cadmium	0.5	mg/kg	Grid Value	14.16	Maximum
211	1	SOU211-001O	Cadmium	6.4315	mg/kg	Avg	14.16	Maximum
211	1	SOU211-001C	Cadmium	12	mg/kg	Grid Value	14.16	Maximum
211	1	SOU211-001B	Cadmium	12	mg/kg	Grid Value	14.16	Maximum
211	1	SOU211-001A	Cadmium	0.092	mg/kg	Grid Value	14.16	Maximum
211	1	SOU211-001	Cadmium	0.2	mg/kg	Grid Value	14.16	Maximum
211	1	SOU211-001N	Cadmium	0.5	mg/kg	Grid Value	14.16	Maximum
211	1	SOU211-001C	Chromium	38.22	mg/kg	Grid Value	48.44	Maximum
211	1	SOU211-002A	Chromium	33.44	mg/kg	Grid Value	48.44	Maximum
211	1	SOU211-002	Chromium	44.75	mg/kg	Grid Value	48.44	Maximum
211	1	SOU211-001P	Chromium	45.4	mg/kg	Grid Value	48.44	Maximum
211	1	SOU211-001	Chromium	48.44	mg/kg	Grid Value	48.44	Maximum
211	1	SOU211-001N	Chromium	10.7	mg/kg	Grid Value	48.44	Maximum
211	1	SOU211-001B	Chromium	39.2	mg/kg	Grid Value	48.44	Maximum
211	1	SOU211-001A	Chromium	33.3	mg/kg	Grid Value	48.44	Maximum
211	1	SOU211-001O	Chromium	12	mg/kg	Grid Value	48.44	Maximum
211	1	SOU211-001O	Cobalt	16.2	mg/kg	Avg	49.5	Maximum
211	1	SOU211-002	Cobalt	49.5	mg/kg	Grid Value	49.5	Maximum
211	1	SOU211-002A	Cobalt	16.2	mg/kg	Avg	49.5	Maximum
211	1	SOU211-001P	Cobalt	9.6	mg/kg	Grid Value	49.5	Maximum
211	1	SOU211-001C	Cobalt	16.2	mg/kg	Avg	49.5	Maximum
211	1	SOU211-001B	Cobalt	16.2	mg/kg	Avg	49.5	Maximum
211	1	SOU211-001	Cobalt	7.7	mg/kg	Grid Value	49.5	Maximum
211	1	SOU211-001N	Cobalt	10	mg/kg	Grid Value	49.5	Maximum
211	1	SOU211-001A	Cobalt	4.2	mg/kg	Grid Value	49.5	Maximum
211	1	SOU211-001B	Iron	8190.82	mg/kg	Grid Value	47149	Maximum
211	1	SOU211-001P	Iron	28512	mg/kg	Grid Value	47149	Maximum
211	1	SOU211-001O	Iron	30465	mg/kg	Grid Value	47149	Maximum
211	1	SOU211-001C	Iron	11503.03	mg/kg	Grid Value	47149	Maximum
211	1	SOU211-002	Iron	23700	mg/kg	Grid Value	47149	Maximum
211	1	SOU211-001A	Iron	13200	mg/kg	Grid Value	47149	Maximum

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
211	1	SOU211-001	Iron	16200	mg/kg	Grid Value	47149	Maximum
211	1	SOU211-002A	Iron	9722.11	mg/kg	Grid Value	47149	Maximum
211	1	SOU211-001N	Iron	47149	mg/kg	Grid Value	47149	Maximum
211	1	SOU211-001C	PAH, Total	0.310952	mg/kg	Avg	0.103806	Maximum
211	1	SOU211-001	PAH, Total	0.103806	mg/kg	Grid Value	0.103806	Maximum
211	1	SOU211-001A	PAH, Total	0.310952	mg/kg	Avg	0.103806	Maximum
211	1	SOU211-001B	PAH, Total	0.4	mg/kg	Grid Value	0.103806	Maximum
211	1	SOU211-001N	PAH, Total	0.310952	mg/kg	Avg	0.103806	Maximum
211	1	SOU211-001O	PAH, Total	0.310952	mg/kg	Avg	0.103806	Maximum
211	1	SOU211-001P	PAH, Total	0.310952	mg/kg	Avg	0.103806	Maximum
211	1	SOU211-002A	PAH, Total	0.41	mg/kg	Grid Value	0.103806	Maximum
211	1	SOU211-002	PAH, Total	0.33	mg/kg	Grid Value	0.103806	Maximum
211	1	SOU211-001O	PCB, Total	5	mg/kg	Grid Value	10	Maximum
211	1	SOU211-002A	PCB, Total	0.05	mg/kg	Grid Value	10	Maximum
211	1	SOU211-002	PCB, Total	10	mg/kg	Grid Value	10	Maximum
211	1	SOU211-001P	PCB, Total	5	mg/kg	Grid Value	10	Maximum
211	1	SOU211-001A	PCB, Total	0.05	mg/kg	Grid Value	10	Maximum
211	1	SOU211-001B	PCB, Total	0.035	mg/kg	Grid Value	10	Maximum
211	1	SOU211-001	PCB, Total	3.3	mg/kg	Grid Value	10	Maximum
211	1	SOU211-001N	PCB, Total	5	mg/kg	Grid Value	10	Maximum
211	1	SOU211-001C	PCB, Total	5	mg/kg	Grid Value	10	Maximum
211	1	SOU211-001	Thallium	0.33	mg/kg	Grid Value	0.602	Maximum
211	1	SOU211-001A	Thallium	0.1	mg/kg	Grid Value	0.602	Maximum
211	1	SOU211-001B	Thallium	1.0064	mg/kg	Avg	0.602	Maximum
211	1	SOU211-001C	Thallium	1.0064	mg/kg	Avg	0.602	Maximum
211	1	SOU211-001N	Thallium	2	mg/kg	Grid Value	0.602	Maximum
211	1	SOU211-001O	Thallium	1.0064	mg/kg	Avg	0.602	Maximum
211	1	SOU211-001P	Thallium	2	mg/kg	Grid Value	0.602	Maximum
211	1	SOU211-002	Thallium	0.602	mg/kg	Grid Value	0.602	Maximum
211	1	SOU211-002A	Thallium	1.0064	mg/kg	Avg	0.602	Maximum
211	1	SOU211-001B	Uranium	20	mg/kg	Grid Value	48.5	Maximum
211	1	SOU211-001A	Uranium	3.8	mg/kg	Grid Value	48.5	Maximum
211	1	SOU211-001C	Uranium	20	mg/kg	Grid Value	48.5	Maximum
211	1	SOU211-001N	Uranium	0.603	mg/kg	Grid Value	48.5	Maximum
211	1	SOU211-001O	Uranium	10	mg/kg	Grid Value	48.5	Maximum
211	1	SOU211-001P	Uranium	0.6	mg/kg	Grid Value	48.5	Maximum
211	1	SOU211-002	Uranium	8.94	mg/kg	Grid Value	48.5	Maximum
211	1	SOU211-002A	Uranium	20	mg/kg	Grid Value	48.5	Maximum
211	1	SOU211-001	Uranium	48.5	mg/kg	Grid Value	48.5	Maximum
211	1	SOU211-001N	Uranium-234	0.124	pCi/g	Grid Value	66.9	Maximum
211	1	SOU211-001A	Uranium-234	22.382	pCi/g	Avg	66.9	Maximum
211	1	SOU211-001P	Uranium-234	0.122	pCi/g	Grid Value	66.9	Maximum
211	1	SOU211-002A	Uranium-234	22.382	pCi/g	Avg	66.9	Maximum
211	1	SOU211-002	Uranium-234	22.382	pCi/g	Avg	66.9	Maximum
211	1	SOU211-001O	Uranium-234	22.382	pCi/g	Avg	66.9	Maximum
211	1	SOU211-001	Uranium-234	66.9	pCi/g	Grid Value	66.9	Maximum
211	1	SOU211-001B	Uranium-234	22.382	pCi/g	Avg	66.9	Maximum
211	1	SOU211-001C	Uranium-234	22.382	pCi/g	Avg	66.9	Maximum

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
211	1	SOU211-002A	Uranium-235	1.296567	pCi/g	Avg	3.86	Maximum
211	1	SOU211-002	Uranium-235	1.296567	pCi/g	Avg	3.86	Maximum
211	1	SOU211-001P	Uranium-235	0.0155	pCi/g	Grid Value	3.86	Maximum
211	1	SOU211-001O	Uranium-235	1.296567	pCi/g	Avg	3.86	Maximum
211	1	SOU211-001N	Uranium-235	0.0142	pCi/g	Grid Value	3.86	Maximum
211	1	SOU211-001C	Uranium-235	1.296567	pCi/g	Avg	3.86	Maximum
211	1	SOU211-001	Uranium-235	3.86	pCi/g	Grid Value	3.86	Maximum
211	1	SOU211-001A	Uranium-235	1.296567	pCi/g	Avg	3.86	Maximum
211	1	SOU211-001B	Uranium-235	1.296567	pCi/g	Avg	3.86	Maximum
211	1	SOU211-002	Uranium-238	39.8	pCi/g	Avg	119	Maximum
211	1	SOU211-002A	Uranium-238	39.8	pCi/g	Avg	119	Maximum
211	1	SOU211-001P	Uranium-238	0.199	pCi/g	Grid Value	119	Maximum
211	1	SOU211-001O	Uranium-238	39.8	pCi/g	Avg	119	Maximum
211	1	SOU211-001N	Uranium-238	0.201	pCi/g	Grid Value	119	Maximum
211	1	SOU211-001C	Uranium-238	39.8	pCi/g	Avg	119	Maximum
211	1	SOU211-001B	Uranium-238	39.8	pCi/g	Avg	119	Maximum
211	1	SOU211-001A	Uranium-238	39.8	pCi/g	Avg	119	Maximum
211	1	SOU211-001	Uranium-238	119	pCi/g	Grid Value	119	Maximum
211	1	SOU211-001C	Vanadium	70	mg/kg	Grid Value	103	Maximum
211	1	SOU211-001B	Vanadium	70	mg/kg	Grid Value	103	Maximum
211	1	SOU211-001A	Vanadium	19.7	mg/kg	Grid Value	103	Maximum
211	1	SOU211-001	Vanadium	24.2	mg/kg	Grid Value	103	Maximum
211	1	SOU211-002A	Vanadium	70	mg/kg	Grid Value	103	Maximum
211	1	SOU211-001N	Vanadium	101	mg/kg	Grid Value	103	Maximum
211	1	SOU211-001P	Vanadium	101	mg/kg	Grid Value	103	Maximum
211	1	SOU211-001O	Vanadium	103	mg/kg	Grid Value	103	Maximum
211	1	SOU211-002	Vanadium	25.1	mg/kg	Grid Value	103	Maximum
224	1	SOU224-001	Antimony	108.07	mg/kg	Grid Value	108.07	Maximum
224	1	SOU224-001	Arsenic	10	mg/kg	Grid Value	10	Maximum
224	1	SOU224-001	Cesium-137	0.37	pCi/g	Grid Value	0.37	Maximum
224	1	SOU224-001	Chromium	65.01	mg/kg	Grid Value	65.01	Maximum
224	1	SOU224-001	PAH, Total	0.59547	mg/kg	Grid Value	0.59547	Maximum
224	1	SOU224-001	Uranium	41.5	mg/kg	Grid Value	41.5	Maximum
224	1	SOU224-001	Uranium-238	13.9	pCi/g	Grid Value	13.9	Maximum
225	1	SOU225-002	Antimony	0.14	mg/kg	Grid Value	54.12	Maximum
225	1	SOU225-001	Antimony	54.12	mg/kg	Grid Value	54.12	Maximum
225	1	SOU225-002	Arsenic	6.3	mg/kg	Grid Value	8.1	Maximum
225	1	SOU225-001	Arsenic	8.1	mg/kg	Grid Value	8.1	Maximum
225	1	SOU225-002	Cesium-137	0.0797	pCi/g	Grid Value	0.417	Maximum
225	1	SOU225-001	Cesium-137	0.417	pCi/g	Grid Value	0.417	Maximum
225	1	SOU225-002	Manganese	562	mg/kg	Grid Value	854.72	Maximum
225	1	SOU225-001	Manganese	854.72	mg/kg	Grid Value	854.72	Maximum
225	1	SOU225-002	PAH, Total	0.0728	mg/kg	Grid Value	0.077851	Maximum
225	1	SOU225-001	PAH, Total	0.077851	mg/kg	Grid Value	0.077851	Maximum
225	1	SOU225-001	Uranium-238	2.04	pCi/g	Grid Value	2.04	Maximum
225	1	SOU225-002	Uranium-238	0.717	pCi/g	Grid Value	2.04	Maximum
225	1	SOU225-002	Vanadium	109	mg/kg	Grid Value	109	Maximum
225	1	SOU225-001	Vanadium	26.9	mg/kg	Grid Value	109	Maximum

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
26	1	SOU026-004	Aluminum	11500	mg/kg	Avg	12531	UCL95
26	1	SOU026-005	Aluminum	11500	mg/kg	Avg	12531	UCL95
26	1	SOU026-003	Aluminum	11500	mg/kg	Avg	12531	UCL95
26	1	SOU026-002	Aluminum	16100	mg/kg	Grid Value	12531	UCL95
26	1	SOU026-001G	Aluminum	11500	mg/kg	Avg	12531	UCL95
26	1	SOU026-001F	Aluminum	11500	mg/kg	Avg	12531	UCL95
26	1	SOU026-001E	Aluminum	11500	mg/kg	Avg	12531	UCL95
26	1	SOU026-001D	Aluminum	11500	mg/kg	Avg	12531	UCL95
26	1	SOU026-001C	Aluminum	11500	mg/kg	Avg	12531	UCL95
26	1	SOU026-001B	Aluminum	11500	mg/kg	Avg	12531	UCL95
26	1	SOU026-001A	Aluminum	6000	mg/kg	Grid Value	12531	UCL95
26	1	SOU026-001	Aluminum	12400	mg/kg	Grid Value	12531	UCL95
26	1	SOU026-006	Aluminum	11500	mg/kg	Avg	12531	UCL95
26	1	SOU026-001D	Antimony	59.37286	mg/kg	Avg	73.17	UCL95
26	1	SOU026-006	Antimony	121.38	mg/kg	Grid Value	73.17	UCL95
26	1	SOU026-005	Antimony	78.99	mg/kg	Grid Value	73.17	UCL95
26	1	SOU026-004	Antimony	30	mg/kg	Grid Value	73.17	UCL95
26	1	SOU026-003	Antimony	78.36	mg/kg	Grid Value	73.17	UCL95
26	1	SOU026-002	Antimony	40.7	mg/kg	Grid Value	73.17	UCL95
26	1	SOU026-001G	Antimony	59.37286	mg/kg	Avg	73.17	UCL95
26	1	SOU026-001E	Antimony	59.37286	mg/kg	Avg	73.17	UCL95
26	1	SOU026-001C	Antimony	59.37286	mg/kg	Avg	73.17	UCL95
26	1	SOU026-001B	Antimony	59.37286	mg/kg	Avg	73.17	UCL95
26	1	SOU026-001A	Antimony	0.15	mg/kg	Grid Value	73.17	UCL95
26	1	SOU026-001	Antimony	66.03	mg/kg	Grid Value	73.17	UCL95
26	1	SOU026-001F	Antimony	59.37286	mg/kg	Avg	73.17	UCL95
26	1	SOU026-001F	Arsenic	10	mg/kg	Grid Value	10.13	UCL95
26	1	SOU026-001	Arsenic	9.9	mg/kg	Grid Value	10.13	UCL95
26	1	SOU026-005	Arsenic	10	mg/kg	Grid Value	10.13	UCL95
26	1	SOU026-004	Arsenic	10	mg/kg	Grid Value	10.13	UCL95
26	1	SOU026-003	Arsenic	9.55	mg/kg	Grid Value	10.13	UCL95
26	1	SOU026-001G	Arsenic	10	mg/kg	Grid Value	10.13	UCL95
26	1	SOU026-001E	Arsenic	10	mg/kg	Grid Value	10.13	UCL95
26	1	SOU026-001D	Arsenic	10	mg/kg	Grid Value	10.13	UCL95
26	1	SOU026-001C	Arsenic	10	mg/kg	Grid Value	10.13	UCL95
26	1	SOU026-001B	Arsenic	10	mg/kg	Grid Value	10.13	UCL95
26	1	SOU026-006	Arsenic	10	mg/kg	Grid Value	10.13	UCL95
26	1	SOU026-002	Arsenic	10.3	mg/kg	Grid Value	10.13	UCL95
26	1	SOU026-001A	Arsenic	7.6	mg/kg	Grid Value	10.13	UCL95
26	1	SOU026-006	Beryllium	8.856667	mg/kg	Avg	15.71	UCL95
26	1	SOU026-005	Beryllium	8.856667	mg/kg	Avg	15.71	UCL95
26	1	SOU026-004	Beryllium	8.856667	mg/kg	Avg	15.71	UCL95
26	1	SOU026-003	Beryllium	8.856667	mg/kg	Avg	15.71	UCL95
26	1	SOU026-001	Beryllium	24.9	mg/kg	Grid Value	15.71	UCL95
26	1	SOU026-002	Beryllium	0.73	mg/kg	Grid Value	15.71	UCL95
26	1	SOU026-001G	Beryllium	8.856667	mg/kg	Avg	15.71	UCL95
26	1	SOU026-001F	Beryllium	8.856667	mg/kg	Avg	15.71	UCL95
26	1	SOU026-001A	Beryllium	0.94	mg/kg	Grid Value	15.71	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
26	1	SOU026-001E	Beryllium	8.856667	mg/kg	Avg	15.71	UCL95
26	1	SOU026-001D	Beryllium	8.856667	mg/kg	Avg	15.71	UCL95
26	1	SOU026-001C	Beryllium	8.856667	mg/kg	Avg	15.71	UCL95
26	1	SOU026-001B	Beryllium	8.856667	mg/kg	Avg	15.71	UCL95
26	1	SOU026-001F	Cadmium	7.6325	mg/kg	Avg	10.34	UCL95
26	1	SOU026-006	Cadmium	19.6	mg/kg	Grid Value	10.34	UCL95
26	1	SOU026-005	Cadmium	12	mg/kg	Grid Value	10.34	UCL95
26	1	SOU026-004	Cadmium	12	mg/kg	Grid Value	10.34	UCL95
26	1	SOU026-003	Cadmium	12	mg/kg	Grid Value	10.34	UCL95
26	1	SOU026-001G	Cadmium	1.81	mg/kg	Grid Value	10.34	UCL95
26	1	SOU026-001E	Cadmium	7.6325	mg/kg	Avg	10.34	UCL95
26	1	SOU026-001D	Cadmium	7.6325	mg/kg	Avg	10.34	UCL95
26	1	SOU026-001C	Cadmium	7.6325	mg/kg	Avg	10.34	UCL95
26	1	SOU026-001B	Cadmium	7.6325	mg/kg	Avg	10.34	UCL95
26	1	SOU026-001A	Cadmium	0.14	mg/kg	Grid Value	10.34	UCL95
26	1	SOU026-001	Cadmium	2.6	mg/kg	Grid Value	10.34	UCL95
26	1	SOU026-002	Cadmium	0.91	mg/kg	Grid Value	10.34	UCL95
26	1	SOU026-001F	Cobalt	10.7	mg/kg	Avg	11.67	UCL95
26	1	SOU026-006	Cobalt	10.7	mg/kg	Avg	11.67	UCL95
26	1	SOU026-001	Cobalt	16.2	mg/kg	Grid Value	11.67	UCL95
26	1	SOU026-001A	Cobalt	8.7	mg/kg	Grid Value	11.67	UCL95
26	1	SOU026-001B	Cobalt	10.7	mg/kg	Avg	11.67	UCL95
26	1	SOU026-001C	Cobalt	10.7	mg/kg	Avg	11.67	UCL95
26	1	SOU026-001D	Cobalt	10.7	mg/kg	Avg	11.67	UCL95
26	1	SOU026-001E	Cobalt	10.7	mg/kg	Avg	11.67	UCL95
26	1	SOU026-001G	Cobalt	10.7	mg/kg	Avg	11.67	UCL95
26	1	SOU026-003	Cobalt	10.7	mg/kg	Avg	11.67	UCL95
26	1	SOU026-004	Cobalt	10.7	mg/kg	Avg	11.67	UCL95
26	1	SOU026-002	Cobalt	7.2	mg/kg	Grid Value	11.67	UCL95
26	1	SOU026-005	Cobalt	10.7	mg/kg	Avg	11.67	UCL95
26	1	SOU026-001A	Iron	26530	mg/kg	Grid Value	29267	UCL95
26	1	SOU026-006	Iron	26244	mg/kg	Grid Value	29267	UCL95
26	1	SOU026-005	Iron	23304	mg/kg	Grid Value	29267	UCL95
26	1	SOU026-004	Iron	29397	mg/kg	Grid Value	29267	UCL95
26	1	SOU026-003	Iron	21777	mg/kg	Grid Value	29267	UCL95
26	1	SOU026-002	Iron	26008	mg/kg	Grid Value	29267	UCL95
26	1	SOU026-001G	Iron	21719	mg/kg	Grid Value	29267	UCL95
26	1	SOU026-001F	Iron	6836	mg/kg	Grid Value	29267	UCL95
26	1	SOU026-001E	Iron	35316	mg/kg	Grid Value	29267	UCL95
26	1	SOU026-001D	Iron	37876	mg/kg	Grid Value	29267	UCL95
26	1	SOU026-001C	Iron	23890	mg/kg	Grid Value	29267	UCL95
26	1	SOU026-001B	Iron	26886	mg/kg	Grid Value	29267	UCL95
26	1	SOU026-001	Iron	27200	mg/kg	Grid Value	29267	UCL95
26	1	SOU026-001	Manganese	1790	mg/kg	Grid Value	851.9	UCL95
26	1	SOU026-001A	Manganese	325	mg/kg	Grid Value	851.9	UCL95
26	1	SOU026-006	Manganese	545	mg/kg	Grid Value	851.9	UCL95
26	1	SOU026-005	Manganese	730	mg/kg	Grid Value	851.9	UCL95
26	1	SOU026-004	Manganese	723	mg/kg	Grid Value	851.9	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
26	1	SOU026-003	Manganese	404.69	mg/kg	Grid Value	851.9	UCL95
26	1	SOU026-001B	Manganese	515	mg/kg	Grid Value	851.9	UCL95
26	1	SOU026-002	Manganese	739	mg/kg	Grid Value	851.9	UCL95
26	1	SOU026-001G	Manganese	159	mg/kg	Grid Value	851.9	UCL95
26	1	SOU026-001F	Manganese	86	mg/kg	Grid Value	851.9	UCL95
26	1	SOU026-001E	Manganese	297	mg/kg	Grid Value	851.9	UCL95
26	1	SOU026-001C	Manganese	259	mg/kg	Grid Value	851.9	UCL95
26	1	SOU026-001D	Manganese	500	mg/kg	Grid Value	851.9	UCL95
26	1	SOU026-006	Mercury	6.78	mg/kg	Grid Value	56.48	UCL95
26	1	SOU026-005	Mercury	10	mg/kg	Grid Value	56.48	UCL95
26	1	SOU026-001	Mercury	0.1	mg/kg	Grid Value	56.48	UCL95
26	1	SOU026-004	Mercury	10	mg/kg	Grid Value	56.48	UCL95
26	1	SOU026-003	Mercury	10	mg/kg	Grid Value	56.48	UCL95
26	1	SOU026-002	Mercury	0.0314	mg/kg	Grid Value	56.48	UCL95
26	1	SOU026-001A	Mercury	0.021	mg/kg	Grid Value	56.48	UCL95
26	1	SOU026-001G	Mercury	0.2	mg/kg	Grid Value	56.48	UCL95
26	1	SOU026-001F	Mercury	40	mg/kg	Grid Value	56.48	UCL95
26	1	SOU026-001E	Mercury	40	mg/kg	Grid Value	56.48	UCL95
26	1	SOU026-001D	Mercury	40	mg/kg	Grid Value	56.48	UCL95
26	1	SOU026-001C	Mercury	40	mg/kg	Grid Value	56.48	UCL95
26	1	SOU026-001B	Mercury	40	mg/kg	Grid Value	56.48	UCL95
26	1	SOU026-001F	Nickel	15	mg/kg	Grid Value	121.4	UCL95
26	1	SOU026-006	Nickel	23	mg/kg	Grid Value	121.4	UCL95
26	1	SOU026-005	Nickel	18	mg/kg	Grid Value	121.4	UCL95
26	1	SOU026-004	Nickel	30	mg/kg	Grid Value	121.4	UCL95
26	1	SOU026-003	Nickel	17	mg/kg	Grid Value	121.4	UCL95
26	1	SOU026-001G	Nickel	23	mg/kg	Grid Value	121.4	UCL95
26	1	SOU026-001E	Nickel	16	mg/kg	Grid Value	121.4	UCL95
26	1	SOU026-001D	Nickel	23	mg/kg	Grid Value	121.4	UCL95
26	1	SOU026-001C	Nickel	19	mg/kg	Grid Value	121.4	UCL95
26	1	SOU026-001B	Nickel	21	mg/kg	Grid Value	121.4	UCL95
26	1	SOU026-001A	Nickel	25	mg/kg	Grid Value	121.4	UCL95
26	1	SOU026-001	Nickel	264	mg/kg	Grid Value	121.4	UCL95
26	1	SOU026-002	Nickel	23	mg/kg	Grid Value	121.4	UCL95
26	1	SOU026-006	PAH, Total	0.264553	mg/kg	Avg	0.297	UCL95
26	1	SOU026-001	PAH, Total	0.43	mg/kg	Grid Value	0.297	UCL95
26	1	SOU026-004	PAH, Total	0.264553	mg/kg	Avg	0.297	UCL95
26	1	SOU026-005	PAH, Total	0.264553	mg/kg	Avg	0.297	UCL95
26	1	SOU026-003	PAH, Total	0.264553	mg/kg	Avg	0.297	UCL95
26	1	SOU026-002	PAH, Total	0.25496	mg/kg	Grid Value	0.297	UCL95
26	1	SOU026-001G	PAH, Total	0.264553	mg/kg	Avg	0.297	UCL95
26	1	SOU026-001F	PAH, Total	0.264553	mg/kg	Avg	0.297	UCL95
26	1	SOU026-001E	PAH, Total	0.264553	mg/kg	Avg	0.297	UCL95
26	1	SOU026-001D	PAH, Total	0.264553	mg/kg	Avg	0.297	UCL95
26	1	SOU026-001C	PAH, Total	0.264553	mg/kg	Avg	0.297	UCL95
26	1	SOU026-001B	PAH, Total	0.264553	mg/kg	Avg	0.297	UCL95
26	1	SOU026-001A	PAH, Total	0.1087	mg/kg	Grid Value	0.297	UCL95
26	1	SOU026-003	PCB, Total	5	mg/kg	Grid Value	6.347	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
26	1	SOU026-001G	PCB, Total	1.06	mg/kg	Grid Value	6.347	UCL95
26	1	SOU026-001E	PCB, Total	5	mg/kg	Grid Value	6.347	UCL95
26	1	SOU026-001D	PCB, Total	5	mg/kg	Grid Value	6.347	UCL95
26	1	SOU026-001C	PCB, Total	5	mg/kg	Grid Value	6.347	UCL95
26	1	SOU026-001B	PCB, Total	5	mg/kg	Grid Value	6.347	UCL95
26	1	SOU026-001A	PCB, Total	0.53	mg/kg	Grid Value	6.347	UCL95
26	1	SOU026-004	PCB, Total	5	mg/kg	Grid Value	6.347	UCL95
26	1	SOU026-002	PCB, Total	0.048	mg/kg	Grid Value	6.347	UCL95
26	1	SOU026-001	PCB, Total	5	mg/kg	Grid Value	6.347	UCL95
26	1	SOU026-006	PCB, Total	5	mg/kg	Grid Value	6.347	UCL95
26	1	SOU026-001F	PCB, Total	5	mg/kg	Grid Value	6.347	UCL95
26	1	SOU026-005	PCB, Total	5	mg/kg	Grid Value	6.347	UCL95
26	1	SOU026-001G	Thallium	0.226	mg/kg	Avg	0.259	UCL95
26	1	SOU026-001	Thallium	0.41	mg/kg	Grid Value	0.259	UCL95
26	1	SOU026-001A	Thallium	0.098	mg/kg	Grid Value	0.259	UCL95
26	1	SOU026-001B	Thallium	0.226	mg/kg	Avg	0.259	UCL95
26	1	SOU026-001C	Thallium	0.226	mg/kg	Avg	0.259	UCL95
26	1	SOU026-001D	Thallium	0.226	mg/kg	Avg	0.259	UCL95
26	1	SOU026-001F	Thallium	0.226	mg/kg	Avg	0.259	UCL95
26	1	SOU026-006	Thallium	0.226	mg/kg	Avg	0.259	UCL95
26	1	SOU026-002	Thallium	0.17	mg/kg	Grid Value	0.259	UCL95
26	1	SOU026-003	Thallium	0.226	mg/kg	Avg	0.259	UCL95
26	1	SOU026-004	Thallium	0.226	mg/kg	Avg	0.259	UCL95
26	1	SOU026-005	Thallium	0.226	mg/kg	Avg	0.259	UCL95
26	1	SOU026-001E	Thallium	0.226	mg/kg	Avg	0.259	UCL95
26	1	SOU026-006	Uranium	6.7	mg/kg	Grid Value	670.4	UCL95
26	1	SOU026-001	Uranium	481.46	mg/kg	Grid Value	670.4	UCL95
26	1	SOU026-001A	Uranium	409	mg/kg	Grid Value	670.4	UCL95
26	1	SOU026-001C	Uranium	10	mg/kg	Grid Value	670.4	UCL95
26	1	SOU026-001D	Uranium	10	mg/kg	Grid Value	670.4	UCL95
26	1	SOU026-005	Uranium	10	mg/kg	Grid Value	670.4	UCL95
26	1	SOU026-001E	Uranium	10	mg/kg	Grid Value	670.4	UCL95
26	1	SOU026-001F	Uranium	10	mg/kg	Grid Value	670.4	UCL95
26	1	SOU026-001G	Uranium	249	mg/kg	Grid Value	670.4	UCL95
26	1	SOU026-002	Uranium	45.2	mg/kg	Grid Value	670.4	UCL95
26	1	SOU026-003	Uranium	11.54	mg/kg	Grid Value	670.4	UCL95
26	1	SOU026-004	Uranium	121	mg/kg	Grid Value	670.4	UCL95
26	1	SOU026-001B	Uranium	473	mg/kg	Grid Value	670.4	UCL95
26	1	SOU026-001E	Uranium-234	4.879667	pCi/g	Avg	8.041	UCL95
26	1	SOU026-001	Uranium-234	4.879667	pCi/g	Avg	8.041	UCL95
26	1	SOU026-001A	Uranium-234	12.2	pCi/g	Grid Value	8.041	UCL95
26	1	SOU026-001B	Uranium-234	4.879667	pCi/g	Avg	8.041	UCL95
26	1	SOU026-006	Uranium-234	4.879667	pCi/g	Avg	8.041	UCL95
26	1	SOU026-001D	Uranium-234	4.879667	pCi/g	Avg	8.041	UCL95
26	1	SOU026-001F	Uranium-234	4.879667	pCi/g	Avg	8.041	UCL95
26	1	SOU026-001G	Uranium-234	0.299	pCi/g	Grid Value	8.041	UCL95
26	1	SOU026-003	Uranium-234	4.879667	pCi/g	Avg	8.041	UCL95
26	1	SOU026-004	Uranium-234	4.879667	pCi/g	Avg	8.041	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
26	1	SOU026-005	Uranium-234	4.879667	pCi/g	Avg	8.041	UCL95
26	1	SOU026-002	Uranium-234	2.14	pCi/g	Grid Value	8.041	UCL95
26	1	SOU026-001C	Uranium-234	4.879667	pCi/g	Avg	8.041	UCL95
26	1	SOU026-006	Uranium-235	0.7455	pCi/g	Avg	1.267	UCL95
26	1	SOU026-001F	Uranium-235	0.7455	pCi/g	Avg	1.267	UCL95
26	1	SOU026-001E	Uranium-235	0.7455	pCi/g	Avg	1.267	UCL95
26	1	SOU026-001G	Uranium-235	0.0335	pCi/g	Grid Value	1.267	UCL95
26	1	SOU026-002	Uranium-235	0.243	pCi/g	Grid Value	1.267	UCL95
26	1	SOU026-003	Uranium-235	0.7455	pCi/g	Avg	1.267	UCL95
26	1	SOU026-005	Uranium-235	0.7455	pCi/g	Avg	1.267	UCL95
26	1	SOU026-001D	Uranium-235	0.7455	pCi/g	Avg	1.267	UCL95
26	1	SOU026-001	Uranium-235	0.7455	pCi/g	Avg	1.267	UCL95
26	1	SOU026-001A	Uranium-235	1.96	pCi/g	Grid Value	1.267	UCL95
26	1	SOU026-001C	Uranium-235	0.7455	pCi/g	Avg	1.267	UCL95
26	1	SOU026-001B	Uranium-235	0.7455	pCi/g	Avg	1.267	UCL95
26	1	SOU026-004	Uranium-235	0.7455	pCi/g	Avg	1.267	UCL95
26	1	SOU026-001A	Uranium-238	108	pCi/g	Grid Value	69.46	UCL95
26	1	SOU026-001D	Uranium-238	40.49333	pCi/g	Avg	69.46	UCL95
26	1	SOU026-001	Uranium-238	40.49333	pCi/g	Avg	69.46	UCL95
26	1	SOU026-001E	Uranium-238	40.49333	pCi/g	Avg	69.46	UCL95
26	1	SOU026-001F	Uranium-238	40.49333	pCi/g	Avg	69.46	UCL95
26	1	SOU026-001G	Uranium-238	1.68	pCi/g	Grid Value	69.46	UCL95
26	1	SOU026-002	Uranium-238	11.8	pCi/g	Grid Value	69.46	UCL95
26	1	SOU026-003	Uranium-238	40.49333	pCi/g	Avg	69.46	UCL95
26	1	SOU026-004	Uranium-238	40.49333	pCi/g	Avg	69.46	UCL95
26	1	SOU026-005	Uranium-238	40.49333	pCi/g	Avg	69.46	UCL95
26	1	SOU026-006	Uranium-238	40.49333	pCi/g	Avg	69.46	UCL95
26	1	SOU026-001C	Uranium-238	40.49333	pCi/g	Avg	69.46	UCL95
26	1	SOU026-001B	Uranium-238	40.49333	pCi/g	Avg	69.46	UCL95
26	1	SOU026-001F	Vanadium	5	mg/kg	Grid Value	161	UCL95
26	1	SOU026-006	Vanadium	100	mg/kg	Grid Value	161	UCL95
26	1	SOU026-001B	Vanadium	125	mg/kg	Grid Value	161	UCL95
26	1	SOU026-001C	Vanadium	120	mg/kg	Grid Value	161	UCL95
26	1	SOU026-001E	Vanadium	128	mg/kg	Grid Value	161	UCL95
26	1	SOU026-001G	Vanadium	113	mg/kg	Grid Value	161	UCL95
26	1	SOU026-002	Vanadium	117	mg/kg	Grid Value	161	UCL95
26	1	SOU026-003	Vanadium	119	mg/kg	Grid Value	161	UCL95
26	1	SOU026-004	Vanadium	136	mg/kg	Grid Value	161	UCL95
26	1	SOU026-005	Vanadium	121	mg/kg	Grid Value	161	UCL95
26	1	SOU026-001A	Vanadium	118	mg/kg	Grid Value	161	UCL95
26	1	SOU026-001	Vanadium	87	mg/kg	Grid Value	161	UCL95
26	1	SOU026-001D	Vanadium	184	mg/kg	Grid Value	161	UCL95
26	2	SOU026-006a	Aluminum	13626.67	mg/kg	Avg	25043	UCL95
26	2	SOU026-006g	Aluminum	13626.67	mg/kg	Avg	25043	UCL95
26	2	SOU026-009	Aluminum	14700	mg/kg	Grid Value	25043	UCL95
26	2	SOU026-008	Aluminum	7540	mg/kg	Grid Value	25043	UCL95
26	2	SOU026-007	Aluminum	4300	mg/kg	Grid Value	25043	UCL95
26	2	SOU026-006f	Aluminum	34600	mg/kg	Grid Value	25043	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
26	2	SOU026-006e	Aluminum	13626.67	mg/kg	Avg	25043	UCL95
26	2	SOU026-006d	Aluminum	6420	mg/kg	Grid Value	25043	UCL95
26	2	SOU026-006b	Aluminum	13626.67	mg/kg	Avg	25043	UCL95
26	2	SOU026-006c	Aluminum	14200	mg/kg	Grid Value	25043	UCL95
26	2	SOU026-008	Antimony	3.86	mg/kg	Grid Value	273.3	UCL95
26	2	SOU026-006g	Antimony	121.16	mg/kg	Grid Value	273.3	UCL95
26	2	SOU026-009	Antimony	120.85	mg/kg	Grid Value	273.3	UCL95
26	2	SOU026-007	Antimony	0.12	mg/kg	Grid Value	273.3	UCL95
26	2	SOU026-006e	Antimony	156.65	mg/kg	Grid Value	273.3	UCL95
26	2	SOU026-006d	Antimony	109.7	mg/kg	Grid Value	273.3	UCL95
26	2	SOU026-006a	Antimony	133.01	mg/kg	Grid Value	273.3	UCL95
26	2	SOU026-006c	Antimony	122.53	mg/kg	Grid Value	273.3	UCL95
26	2	SOU026-006b	Antimony	139.05	mg/kg	Grid Value	273.3	UCL95
26	2	SOU026-006f	Antimony	113.32	mg/kg	Grid Value	273.3	UCL95
26	2	SOU026-006e	Arsenic	11	mg/kg	Grid Value	47.78	UCL95
26	2	SOU026-009	Arsenic	10.8	mg/kg	Grid Value	47.78	UCL95
26	2	SOU026-008	Arsenic	7.31	mg/kg	Grid Value	47.78	UCL95
26	2	SOU026-007	Arsenic	7.24	mg/kg	Grid Value	47.78	UCL95
26	2	SOU026-006f	Arsenic	81.4	mg/kg	Grid Value	47.78	UCL95
26	2	SOU026-006d	Arsenic	6.95	mg/kg	Grid Value	47.78	UCL95
26	2	SOU026-006c	Arsenic	6.87	mg/kg	Grid Value	47.78	UCL95
26	2	SOU026-006b	Arsenic	11	mg/kg	Grid Value	47.78	UCL95
26	2	SOU026-006a	Arsenic	5.99	mg/kg	Grid Value	47.78	UCL95
26	2	SOU026-006g	Arsenic	11	mg/kg	Grid Value	47.78	UCL95
26	2	SOU026-006f	Beryllium	15.7	mg/kg	Grid Value	15.37	UCL95
26	2	SOU026-007	Beryllium	0.37	mg/kg	Grid Value	15.37	UCL95
26	2	SOU026-008	Beryllium	0.54	mg/kg	Grid Value	15.37	UCL95
26	2	SOU026-006g	Beryllium	5.743667	mg/kg	Avg	15.37	UCL95
26	2	SOU026-006d	Beryllium	0.512	mg/kg	Grid Value	15.37	UCL95
26	2	SOU026-006a	Beryllium	5.743667	mg/kg	Avg	15.37	UCL95
26	2	SOU026-006c	Beryllium	0.54	mg/kg	Grid Value	15.37	UCL95
26	2	SOU026-006b	Beryllium	5.743667	mg/kg	Avg	15.37	UCL95
26	2	SOU026-009	Beryllium	16.8	mg/kg	Grid Value	15.37	UCL95
26	2	SOU026-006e	Beryllium	5.743667	mg/kg	Avg	15.37	UCL95
26	2	SOU026-007	Cadmium	0.039	mg/kg	Grid Value	16	UCL95
26	2	SOU026-008	Cadmium	0.734	mg/kg	Grid Value	16	UCL95
26	2	SOU026-006g	Cadmium	19.72	mg/kg	Grid Value	16	UCL95
26	2	SOU026-006f	Cadmium	2.24	mg/kg	Grid Value	16	UCL95
26	2	SOU026-006d	Cadmium	2.5	mg/kg	Grid Value	16	UCL95
26	2	SOU026-006c	Cadmium	15.39	mg/kg	Grid Value	16	UCL95
26	2	SOU026-006b	Cadmium	16.63	mg/kg	Grid Value	16	UCL95
26	2	SOU026-006a	Cadmium	28.31	mg/kg	Grid Value	16	UCL95
26	2	SOU026-006e	Cadmium	14.95	mg/kg	Grid Value	16	UCL95
26	2	SOU026-009	Cadmium	1.4	mg/kg	Grid Value	16	UCL95
26	2	SOU026-006e	Cesium-137	3.562532	pCi/g	Avg	8.228	UCL95
26	2	SOU026-006b	Cesium-137	3.562532	pCi/g	Avg	8.228	UCL95
26	2	SOU026-006a	Cesium-137	3.562532	pCi/g	Avg	8.228	UCL95
26	2	SOU026-009	Cesium-137	0.1	pCi/g	Grid Value	8.228	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
26	2	SOU026-008	Cesium-137	3.562532	pCi/g	Avg	8.228	UCL95
26	2	SOU026-007	Cesium-137	-0.00934	pCi/g	Grid Value	8.228	UCL95
26	2	SOU026-006f	Cesium-137	11.2	pCi/g	Grid Value	8.228	UCL95
26	2	SOU026-006d	Cesium-137	6.41	pCi/g	Grid Value	8.228	UCL95
26	2	SOU026-006c	Cesium-137	0.112	pCi/g	Grid Value	8.228	UCL95
26	2	SOU026-006g	Cesium-137	3.562532	pCi/g	Avg	8.228	UCL95
26	2	SOU026-007	Chromium	8.2	mg/kg	Grid Value	72.64	UCL95
26	2	SOU026-008	Chromium	42.05	mg/kg	Grid Value	72.64	UCL95
26	2	SOU026-006a	Chromium	85	mg/kg	Grid Value	72.64	UCL95
26	2	SOU026-006b	Chromium	85	mg/kg	Grid Value	72.64	UCL95
26	2	SOU026-009	Chromium	23	mg/kg	Grid Value	72.64	UCL95
26	2	SOU026-006c	Chromium	58.9	mg/kg	Grid Value	72.64	UCL95
26	2	SOU026-006d	Chromium	14.4	mg/kg	Grid Value	72.64	UCL95
26	2	SOU026-006e	Chromium	85	mg/kg	Grid Value	72.64	UCL95
26	2	SOU026-006g	Chromium	85	mg/kg	Grid Value	72.64	UCL95
26	2	SOU026-006f	Chromium	59.9	mg/kg	Grid Value	72.64	UCL95
26	2	SOU026-006b	Cobalt	21.67333	mg/kg	Avg	47.17	UCL95
26	2	SOU026-009	Cobalt	10.9	mg/kg	Grid Value	47.17	UCL95
26	2	SOU026-006c	Cobalt	5.9	mg/kg	Grid Value	47.17	UCL95
26	2	SOU026-008	Cobalt	10.6	mg/kg	Grid Value	47.17	UCL95
26	2	SOU026-007	Cobalt	5.5	mg/kg	Grid Value	47.17	UCL95
26	2	SOU026-006g	Cobalt	21.67333	mg/kg	Avg	47.17	UCL95
26	2	SOU026-006f	Cobalt	90.5	mg/kg	Grid Value	47.17	UCL95
26	2	SOU026-006a	Cobalt	21.67333	mg/kg	Avg	47.17	UCL95
26	2	SOU026-006e	Cobalt	21.67333	mg/kg	Avg	47.17	UCL95
26	2	SOU026-006d	Cobalt	6.64	mg/kg	Grid Value	47.17	UCL95
26	2	SOU026-006g	Iron	8591.75	mg/kg	Grid Value	44645	UCL95
26	2	SOU026-009	Iron	41656	mg/kg	Grid Value	44645	UCL95
26	2	SOU026-007	Iron	18580	mg/kg	Grid Value	44645	UCL95
26	2	SOU026-006f	Iron	85100	mg/kg	Grid Value	44645	UCL95
26	2	SOU026-006e	Iron	9706.81	mg/kg	Grid Value	44645	UCL95
26	2	SOU026-006d	Iron	15600	mg/kg	Grid Value	44645	UCL95
26	2	SOU026-006c	Iron	18300	mg/kg	Grid Value	44645	UCL95
26	2	SOU026-006b	Iron	6162.02	mg/kg	Grid Value	44645	UCL95
26	2	SOU026-006a	Iron	22312.39	mg/kg	Grid Value	44645	UCL95
26	2	SOU026-008	Iron	17125	mg/kg	Grid Value	44645	UCL95
26	2	SOU026-006b	Manganese	201.35	mg/kg	Grid Value	913.6	UCL95
26	2	SOU026-009	Manganese	1223	mg/kg	Grid Value	913.6	UCL95
26	2	SOU026-008	Manganese	1505.82	mg/kg	Grid Value	913.6	UCL95
26	2	SOU026-007	Manganese	390	mg/kg	Grid Value	913.6	UCL95
26	2	SOU026-006g	Manganese	211.08	mg/kg	Grid Value	913.6	UCL95
26	2	SOU026-006f	Manganese	942	mg/kg	Grid Value	913.6	UCL95
26	2	SOU026-006e	Manganese	660.55	mg/kg	Grid Value	913.6	UCL95
26	2	SOU026-006c	Manganese	598	mg/kg	Grid Value	913.6	UCL95
26	2	SOU026-006a	Manganese	425.44	mg/kg	Grid Value	913.6	UCL95
26	2	SOU026-006d	Manganese	464	mg/kg	Grid Value	913.6	UCL95
26	2	SOU026-006a	Mercury	10	mg/kg	Grid Value	23.64	UCL95
26	2	SOU026-006b	Mercury	10	mg/kg	Grid Value	23.64	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
26	2	SOU026-008	Mercury	0.111	mg/kg	Grid Value	23.64	UCL95
26	2	SOU026-007	Mercury	0.036	mg/kg	Grid Value	23.64	UCL95
26	2	SOU026-006g	Mercury	10	mg/kg	Grid Value	23.64	UCL95
26	2	SOU026-006f	Mercury	14.04	mg/kg	Grid Value	23.64	UCL95
26	2	SOU026-006e	Mercury	10	mg/kg	Grid Value	23.64	UCL95
26	2	SOU026-006c	Mercury	0.023	mg/kg	Grid Value	23.64	UCL95
26	2	SOU026-006d	Mercury	0.097	mg/kg	Grid Value	23.64	UCL95
26	2	SOU026-009	Mercury	0.1	mg/kg	Grid Value	23.64	UCL95
26	2	SOU026-006d	Neptunium-237	0.131	pCi/g	Grid Value	0.204	UCL95
26	2	SOU026-006b	Neptunium-237	0.118806	pCi/g	Avg	0.204	UCL95
26	2	SOU026-006c	Neptunium-237	0.1	pCi/g	Grid Value	0.204	UCL95
26	2	SOU026-006f	Neptunium-237	0.26	pCi/g	Grid Value	0.204	UCL95
26	2	SOU026-006g	Neptunium-237	0.118806	pCi/g	Avg	0.204	UCL95
26	2	SOU026-007	Neptunium-237	0.00303	pCi/g	Grid Value	0.204	UCL95
26	2	SOU026-008	Neptunium-237	0.118806	pCi/g	Avg	0.204	UCL95
26	2	SOU026-009	Neptunium-237	0.1	pCi/g	Grid Value	0.204	UCL95
26	2	SOU026-006a	Neptunium-237	0.118806	pCi/g	Avg	0.204	UCL95
26	2	SOU026-006e	Neptunium-237	0.118806	pCi/g	Avg	0.204	UCL95
26	2	SOU026-006e	Nickel	65	mg/kg	Grid Value	108.4	UCL95
26	2	SOU026-006a	Nickel	65	mg/kg	Grid Value	108.4	UCL95
26	2	SOU026-006c	Nickel	14	mg/kg	Grid Value	108.4	UCL95
26	2	SOU026-009	Nickel	25.6	mg/kg	Grid Value	108.4	UCL95
26	2	SOU026-008	Nickel	73.77	mg/kg	Grid Value	108.4	UCL95
26	2	SOU026-007	Nickel	20	mg/kg	Grid Value	108.4	UCL95
26	2	SOU026-006f	Nickel	188	mg/kg	Grid Value	108.4	UCL95
26	2	SOU026-006b	Nickel	65	mg/kg	Grid Value	108.4	UCL95
26	2	SOU026-006d	Nickel	25	mg/kg	Grid Value	108.4	UCL95
26	2	SOU026-006g	Nickel	65	mg/kg	Grid Value	108.4	UCL95
26	2	SOU026-009	PAH, Total	0.43	mg/kg	Grid Value	0.385	UCL95
26	2	SOU026-006a	PAH, Total	0.28812	mg/kg	Avg	0.385	UCL95
26	2	SOU026-007	PAH, Total	0.28812	mg/kg	Avg	0.385	UCL95
26	2	SOU026-006c	PAH, Total	0.023	mg/kg	Grid Value	0.385	UCL95
26	2	SOU026-006g	PAH, Total	0.28812	mg/kg	Avg	0.385	UCL95
26	2	SOU026-006f	PAH, Total	0.5	mg/kg	Grid Value	0.385	UCL95
26	2	SOU026-006e	PAH, Total	0.28812	mg/kg	Avg	0.385	UCL95
26	2	SOU026-006d	PAH, Total	0.48	mg/kg	Grid Value	0.385	UCL95
26	2	SOU026-006b	PAH, Total	0.28812	mg/kg	Avg	0.385	UCL95
26	2	SOU026-008	PAH, Total	0.0076	mg/kg	Grid Value	0.385	UCL95
26	2	SOU026-006g	PCB, Total	5	mg/kg	Grid Value	8.325	UCL95
26	2	SOU026-009	PCB, Total	0.021	mg/kg	Grid Value	8.325	UCL95
26	2	SOU026-008	PCB, Total	0.091	mg/kg	Grid Value	8.325	UCL95
26	2	SOU026-007	PCB, Total	0.05	mg/kg	Grid Value	8.325	UCL95
26	2	SOU026-006f	PCB, Total	0.81	mg/kg	Grid Value	8.325	UCL95
26	2	SOU026-006e	PCB, Total	5	mg/kg	Grid Value	8.325	UCL95
26	2	SOU026-006d	PCB, Total	0.59	mg/kg	Grid Value	8.325	UCL95
26	2	SOU026-006c	PCB, Total	0.021	mg/kg	Grid Value	8.325	UCL95
26	2	SOU026-006a	PCB, Total	5	mg/kg	Grid Value	8.325	UCL95
26	2	SOU026-006b	PCB, Total	5	mg/kg	Grid Value	8.325	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
26	2	SOU026-006b	Radium-228	1.69	pCi/g	Avg	1.69	UCL95
26	2	SOU026-006a	Radium-228	1.69	pCi/g	Avg	1.69	UCL95
26	2	SOU026-006c	Radium-228	1.69	pCi/g	Avg	1.69	UCL95
26	2	SOU026-006e	Radium-228	1.69	pCi/g	Avg	1.69	UCL95
26	2	SOU026-006f	Radium-228	1.69	pCi/g	Grid Value	1.69	UCL95
26	2	SOU026-006g	Radium-228	1.69	pCi/g	Avg	1.69	UCL95
26	2	SOU026-007	Radium-228	1.69	pCi/g	Avg	1.69	UCL95
26	2	SOU026-008	Radium-228	1.69	pCi/g	Avg	1.69	UCL95
26	2	SOU026-009	Radium-228	1.69	pCi/g	Avg	1.69	UCL95
26	2	SOU026-006d	Radium-228	1.69	pCi/g	Avg	1.69	UCL95
26	2	SOU026-006e	Thallium	5.3795	mg/kg	Avg	16.82	UCL95
26	2	SOU026-006a	Thallium	5.3795	mg/kg	Avg	16.82	UCL95
26	2	SOU026-006b	Thallium	5.3795	mg/kg	Avg	16.82	UCL95
26	2	SOU026-006c	Thallium	0.12	mg/kg	Grid Value	16.82	UCL95
26	2	SOU026-006d	Thallium	17.1	mg/kg	Grid Value	16.82	UCL95
26	2	SOU026-006f	Thallium	13.9	mg/kg	Grid Value	16.82	UCL95
26	2	SOU026-006g	Thallium	5.3795	mg/kg	Avg	16.82	UCL95
26	2	SOU026-007	Thallium	0.095	mg/kg	Grid Value	16.82	UCL95
26	2	SOU026-008	Thallium	0.762	mg/kg	Grid Value	16.82	UCL95
26	2	SOU026-009	Thallium	0.3	mg/kg	Grid Value	16.82	UCL95
26	2	SOU026-006g	Thorium-230	2.316	pCi/g	Avg	3.016	UCL95
26	2	SOU026-006d	Thorium-230	2.42	pCi/g	Grid Value	3.016	UCL95
26	2	SOU026-006c	Thorium-230	1.4	pCi/g	Grid Value	3.016	UCL95
26	2	SOU026-009	Thorium-230	1.2	pCi/g	Grid Value	3.016	UCL95
26	2	SOU026-006b	Thorium-230	2.316	pCi/g	Avg	3.016	UCL95
26	2	SOU026-006a	Thorium-230	2.316	pCi/g	Avg	3.016	UCL95
26	2	SOU026-006f	Thorium-230	5.42	pCi/g	Grid Value	3.016	UCL95
26	2	SOU026-007	Thorium-230	1.14	pCi/g	Grid Value	3.016	UCL95
26	2	SOU026-008	Thorium-230	2.316	pCi/g	Avg	3.016	UCL95
26	2	SOU026-006e	Thorium-230	2.316	pCi/g	Avg	3.016	UCL95
26	2	SOU026-006a	Uranium	20	mg/kg	Grid Value	1149	UCL95
26	2	SOU026-006b	Uranium	20	mg/kg	Grid Value	1149	UCL95
26	2	SOU026-009	Uranium	10	mg/kg	Grid Value	1149	UCL95
26	2	SOU026-008	Uranium	10	mg/kg	Grid Value	1149	UCL95
26	2	SOU026-007	Uranium	1.9	mg/kg	Grid Value	1149	UCL95
26	2	SOU026-006g	Uranium	20	mg/kg	Grid Value	1149	UCL95
26	2	SOU026-006f	Uranium	1050	mg/kg	Grid Value	1149	UCL95
26	2	SOU026-006e	Uranium	20	mg/kg	Grid Value	1149	UCL95
26	2	SOU026-006d	Uranium	28.6	mg/kg	Grid Value	1149	UCL95
26	2	SOU026-006c	Uranium	4.1	mg/kg	Grid Value	1149	UCL95
26	2	SOU026-006c	Uranium-234	0.7	pCi/g	Grid Value	14.1	UCL95
26	2	SOU026-006b	Uranium-234	5.260667	pCi/g	Avg	14.1	UCL95
26	2	SOU026-006e	Uranium-234	5.260667	pCi/g	Avg	14.1	UCL95
26	2	SOU026-006f	Uranium-234	27.5	pCi/g	Grid Value	14.1	UCL95
26	2	SOU026-006g	Uranium-234	5.260667	pCi/g	Avg	14.1	UCL95
26	2	SOU026-007	Uranium-234	0.924	pCi/g	Grid Value	14.1	UCL95
26	2	SOU026-008	Uranium-234	0.51	pCi/g	Grid Value	14.1	UCL95
26	2	SOU026-009	Uranium-234	0.9	pCi/g	Grid Value	14.1	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
26	2	SOU026-006a	Uranium-234	5.260667	pCi/g	Avg	14.1	UCL95
26	2	SOU026-006d	Uranium-234	1.03	pCi/g	Grid Value	14.1	UCL95
26	2	SOU026-006a	Uranium-235	0.60535	pCi/g	Avg	1.837	UCL95
26	2	SOU026-008	Uranium-235	0.02	pCi/g	Grid Value	1.837	UCL95
26	2	SOU026-007	Uranium-235	0.0896	pCi/g	Grid Value	1.837	UCL95
26	2	SOU026-006g	Uranium-235	0.60535	pCi/g	Avg	1.837	UCL95
26	2	SOU026-006f	Uranium-235	3.3	pCi/g	Grid Value	1.837	UCL95
26	2	SOU026-006e	Uranium-235	0.60535	pCi/g	Avg	1.837	UCL95
26	2	SOU026-006d	Uranium-235	0.0615	pCi/g	Grid Value	1.837	UCL95
26	2	SOU026-006c	Uranium-235	0.061	pCi/g	Grid Value	1.837	UCL95
26	2	SOU026-009	Uranium-235	0.1	pCi/g	Grid Value	1.837	UCL95
26	2	SOU026-006b	Uranium-235	0.60535	pCi/g	Avg	1.837	UCL95
26	2	SOU026-006b	Uranium-238	12.67183	pCi/g	Avg	39.22	UCL95
26	2	SOU026-006c	Uranium-238	1.02	pCi/g	Grid Value	39.22	UCL95
26	2	SOU026-006e	Uranium-238	12.67183	pCi/g	Avg	39.22	UCL95
26	2	SOU026-006f	Uranium-238	70	pCi/g	Grid Value	39.22	UCL95
26	2	SOU026-006g	Uranium-238	12.67183	pCi/g	Avg	39.22	UCL95
26	2	SOU026-007	Uranium-238	0.921	pCi/g	Grid Value	39.22	UCL95
26	2	SOU026-008	Uranium-238	0.82	pCi/g	Grid Value	39.22	UCL95
26	2	SOU026-009	Uranium-238	1.1	pCi/g	Grid Value	39.22	UCL95
26	2	SOU026-006a	Uranium-238	12.67183	pCi/g	Avg	39.22	UCL95
26	2	SOU026-006d	Uranium-238	2.17	pCi/g	Grid Value	39.22	UCL95
26	2	SOU026-006c	Vanadium	26.9	mg/kg	Grid Value	102.9	UCL95
26	2	SOU026-008	Vanadium	121	mg/kg	Grid Value	102.9	UCL95
26	2	SOU026-006b	Vanadium	70	mg/kg	Grid Value	102.9	UCL95
26	2	SOU026-006d	Vanadium	20	mg/kg	Grid Value	102.9	UCL95
26	2	SOU026-006e	Vanadium	70	mg/kg	Grid Value	102.9	UCL95
26	2	SOU026-006f	Vanadium	40.8	mg/kg	Grid Value	102.9	UCL95
26	2	SOU026-006g	Vanadium	70	mg/kg	Grid Value	102.9	UCL95
26	2	SOU026-007	Vanadium	143	mg/kg	Grid Value	102.9	UCL95
26	2	SOU026-006a	Vanadium	70	mg/kg	Grid Value	102.9	UCL95
26	2	SOU026-009	Vanadium	141	mg/kg	Grid Value	102.9	UCL95
26	3	SOU026-011	Aluminum	7970	mg/kg	Avg	9298	UCL95
26	3	SOU026-016	Aluminum	6810	mg/kg	Grid Value	9298	UCL95
26	3	SOU026-019	Aluminum	7200	mg/kg	Grid Value	9298	UCL95
26	3	SOU026-018	Aluminum	7970	mg/kg	Avg	9298	UCL95
26	3	SOU026-017	Aluminum	7970	mg/kg	Avg	9298	UCL95
26	3	SOU026-015	Aluminum	13500	mg/kg	Grid Value	9298	UCL95
26	3	SOU026-014	Aluminum	7970	mg/kg	Avg	9298	UCL95
26	3	SOU026-012	Aluminum	7970	mg/kg	Avg	9298	UCL95
26	3	SOU026-010	Aluminum	4140	mg/kg	Grid Value	9298	UCL95
26	3	SOU026-013	Aluminum	8200	mg/kg	Grid Value	9298	UCL95
26	3	SOU026-015	Antimony	48.09	mg/kg	Grid Value	67.9	UCL95
26	3	SOU026-017	Antimony	30	mg/kg	Grid Value	67.9	UCL95
26	3	SOU026-018	Antimony	41.31	mg/kg	Grid Value	67.9	UCL95
26	3	SOU026-016	Antimony	55.89	mg/kg	Grid Value	67.9	UCL95
26	3	SOU026-013	Antimony	53.73	mg/kg	Grid Value	67.9	UCL95
26	3	SOU026-010	Antimony	87.16	mg/kg	Grid Value	67.9	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
26	3	SOU026-012	Antimony	86.94	mg/kg	Grid Value	67.9	UCL95
26	3	SOU026-011	Antimony	52.9	mg/kg	Avg	67.9	UCL95
26	3	SOU026-014	Antimony	71.58	mg/kg	Grid Value	67.9	UCL95
26	3	SOU026-019	Antimony	1.4	mg/kg	Grid Value	67.9	UCL95
26	3	SOU026-017	Arsenic	10	mg/kg	Grid Value	75.17	UCL95
26	3	SOU026-018	Arsenic	10	mg/kg	Grid Value	75.17	UCL95
26	3	SOU026-016	Arsenic	8.24	mg/kg	Grid Value	75.17	UCL95
26	3	SOU026-015	Arsenic	5.94	mg/kg	Grid Value	75.17	UCL95
26	3	SOU026-010	Arsenic	5.5	mg/kg	Grid Value	75.17	UCL95
26	3	SOU026-013	Arsenic	130.36	mg/kg	Grid Value	75.17	UCL95
26	3	SOU026-012	Arsenic	6.86	mg/kg	Grid Value	75.17	UCL95
26	3	SOU026-011	Arsenic	10	mg/kg	Grid Value	75.17	UCL95
26	3	SOU026-014	Arsenic	25.84	mg/kg	Grid Value	75.17	UCL95
26	3	SOU026-019	Arsenic	4.66	mg/kg	Grid Value	75.17	UCL95
26	3	SOU026-018	Cesium-137	1.1978	pCi/g	Avg	3.378	UCL95
26	3	SOU026-016	Cesium-137	-0.06	pCi/g	Grid Value	3.378	UCL95
26	3	SOU026-015	Cesium-137	0.4	pCi/g	Grid Value	3.378	UCL95
26	3	SOU026-014	Cesium-137	1.1978	pCi/g	Avg	3.378	UCL95
26	3	SOU026-013	Cesium-137	5.43	pCi/g	Grid Value	3.378	UCL95
26	3	SOU026-012	Cesium-137	1.1978	pCi/g	Avg	3.378	UCL95
26	3	SOU026-010	Cesium-137	0.019	pCi/g	Grid Value	3.378	UCL95
26	3	SOU026-019	Cesium-137	0.2	pCi/g	Grid Value	3.378	UCL95
26	3	SOU026-017	Cesium-137	1.1978	pCi/g	Avg	3.378	UCL95
26	3	SOU026-011	Cesium-137	1.1978	pCi/g	Avg	3.378	UCL95
26	3	SOU026-012	Chromium	33.23	mg/kg	Grid Value	64.7	UCL95
26	3	SOU026-019	Chromium	12.7	mg/kg	Grid Value	64.7	UCL95
26	3	SOU026-018	Chromium	12	mg/kg	Grid Value	64.7	UCL95
26	3	SOU026-017	Chromium	12	mg/kg	Grid Value	64.7	UCL95
26	3	SOU026-016	Chromium	13.6	mg/kg	Grid Value	64.7	UCL95
26	3	SOU026-015	Chromium	18.5	mg/kg	Grid Value	64.7	UCL95
26	3	SOU026-013	Chromium	66.62	mg/kg	Grid Value	64.7	UCL95
26	3	SOU026-011	Chromium	12	mg/kg	Grid Value	64.7	UCL95
26	3	SOU026-010	Chromium	32.4	mg/kg	Grid Value	64.7	UCL95
26	3	SOU026-014	Chromium	39.06	mg/kg	Grid Value	64.7	UCL95
26	3	SOU026-017	Cobalt	7.482	mg/kg	Avg	9.232	UCL95
26	3	SOU026-011	Cobalt	7.482	mg/kg	Avg	9.232	UCL95
26	3	SOU026-018	Cobalt	7.482	mg/kg	Avg	9.232	UCL95
26	3	SOU026-019	Cobalt	6.81	mg/kg	Grid Value	9.232	UCL95
26	3	SOU026-016	Cobalt	8.2	mg/kg	Grid Value	9.232	UCL95
26	3	SOU026-015	Cobalt	4.8	mg/kg	Grid Value	9.232	UCL95
26	3	SOU026-014	Cobalt	7.482	mg/kg	Avg	9.232	UCL95
26	3	SOU026-012	Cobalt	7.482	mg/kg	Avg	9.232	UCL95
26	3	SOU026-010	Cobalt	4.6	mg/kg	Grid Value	9.232	UCL95
26	3	SOU026-013	Cobalt	13	mg/kg	Grid Value	9.232	UCL95
26	3	SOU026-019	Iron	24476	mg/kg	Grid Value	34492	UCL95
26	3	SOU026-018	Iron	23636	mg/kg	Grid Value	34492	UCL95
26	3	SOU026-010	Iron	39058	mg/kg	Grid Value	34492	UCL95
26	3	SOU026-017	Iron	25539	mg/kg	Grid Value	34492	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
26	3	SOU026-016	Iron	22920	mg/kg	Grid Value	34492	UCL95
26	3	SOU026-012	Iron	44804	mg/kg	Grid Value	34492	UCL95
26	3	SOU026-015	Iron	25497	mg/kg	Grid Value	34492	UCL95
26	3	SOU026-014	Iron	25885	mg/kg	Grid Value	34492	UCL95
26	3	SOU026-013	Iron	35120	mg/kg	Grid Value	34492	UCL95
26	3	SOU026-011	Iron	34845	mg/kg	Grid Value	34492	UCL95
26	3	SOU026-016	Manganese	935	mg/kg	Grid Value	574.1	UCL95
26	3	SOU026-019	Manganese	618	mg/kg	Grid Value	574.1	UCL95
26	3	SOU026-017	Manganese	541	mg/kg	Grid Value	574.1	UCL95
26	3	SOU026-015	Manganese	385	mg/kg	Grid Value	574.1	UCL95
26	3	SOU026-014	Manganese	563	mg/kg	Grid Value	574.1	UCL95
26	3	SOU026-013	Manganese	360	mg/kg	Grid Value	574.1	UCL95
26	3	SOU026-012	Manganese	196.63	mg/kg	Grid Value	574.1	UCL95
26	3	SOU026-011	Manganese	108	mg/kg	Grid Value	574.1	UCL95
26	3	SOU026-010	Manganese	317	mg/kg	Grid Value	574.1	UCL95
26	3	SOU026-018	Manganese	481	mg/kg	Grid Value	574.1	UCL95
26	3	SOU026-017	Mercury	10	mg/kg	Grid Value	17.89	UCL95
26	3	SOU026-015	Mercury	0.0096	mg/kg	Grid Value	17.89	UCL95
26	3	SOU026-010	Mercury	0.0779	mg/kg	Grid Value	17.89	UCL95
26	3	SOU026-011	Mercury	40	mg/kg	Grid Value	17.89	UCL95
26	3	SOU026-019	Mercury	0.0206	mg/kg	Grid Value	17.89	UCL95
26	3	SOU026-012	Mercury	10	mg/kg	Grid Value	17.89	UCL95
26	3	SOU026-014	Mercury	0.36	mg/kg	Grid Value	17.89	UCL95
26	3	SOU026-016	Mercury	0.0493	mg/kg	Grid Value	17.89	UCL95
26	3	SOU026-018	Mercury	7.29	mg/kg	Grid Value	17.89	UCL95
26	3	SOU026-013	Mercury	0.9	mg/kg	Grid Value	17.89	UCL95
26	3	SOU026-010	Molybdenum	0.87	mg/kg	Grid Value	43.95	UCL95
26	3	SOU026-015	Molybdenum	3	mg/kg	Grid Value	43.95	UCL95
26	3	SOU026-016	Molybdenum	45	mg/kg	Grid Value	43.95	UCL95
26	3	SOU026-013	Molybdenum	1.8	mg/kg	Grid Value	43.95	UCL95
26	3	SOU026-017	Molybdenum	3	mg/kg	Grid Value	43.95	UCL95
26	3	SOU026-018	Molybdenum	3	mg/kg	Grid Value	43.95	UCL95
26	3	SOU026-014	Molybdenum	3	mg/kg	Grid Value	43.95	UCL95
26	3	SOU026-019	Molybdenum	57	mg/kg	Grid Value	43.95	UCL95
26	3	SOU026-012	Molybdenum	3	mg/kg	Grid Value	43.95	UCL95
26	3	SOU026-011	Molybdenum	3	mg/kg	Grid Value	43.95	UCL95
26	3	SOU026-010	Neptunium-237	0.274667	pCi/g	Avg	0.335	UCL95
26	3	SOU026-011	Neptunium-237	0.274667	pCi/g	Avg	0.335	UCL95
26	3	SOU026-012	Neptunium-237	0.274667	pCi/g	Avg	0.335	UCL95
26	3	SOU026-013	Neptunium-237	0.524	pCi/g	Grid Value	0.335	UCL95
26	3	SOU026-014	Neptunium-237	0.274667	pCi/g	Avg	0.335	UCL95
26	3	SOU026-015	Neptunium-237	0.2	pCi/g	Grid Value	0.335	UCL95
26	3	SOU026-019	Neptunium-237	0.1	pCi/g	Grid Value	0.335	UCL95
26	3	SOU026-018	Neptunium-237	0.274667	pCi/g	Avg	0.335	UCL95
26	3	SOU026-016	Neptunium-237	0.274667	pCi/g	Avg	0.335	UCL95
26	3	SOU026-017	Neptunium-237	0.274667	pCi/g	Avg	0.335	UCL95
26	3	SOU026-010	PAH, Total	0.0206	mg/kg	Grid Value	0.347	UCL95
26	3	SOU026-013	PAH, Total	0.28302	mg/kg	Grid Value	0.347	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
26	3	SOU026-014	PAH, Total	0.259778	mg/kg	Avg	0.347	UCL95
26	3	SOU026-011	PAH, Total	0.259778	mg/kg	Avg	0.347	UCL95
26	3	SOU026-016	PAH, Total	0.0078	mg/kg	Grid Value	0.347	UCL95
26	3	SOU026-018	PAH, Total	0.259778	mg/kg	Avg	0.347	UCL95
26	3	SOU026-012	PAH, Total	0.41	mg/kg	Grid Value	0.347	UCL95
26	3	SOU026-019	PAH, Total	0.35725	mg/kg	Grid Value	0.347	UCL95
26	3	SOU026-015	PAH, Total	0.48	mg/kg	Grid Value	0.347	UCL95
26	3	SOU026-017	PAH, Total	0.259778	mg/kg	Avg	0.347	UCL95
26	3	SOU026-013	PCB, Total	0.8	mg/kg	Grid Value	5.506	UCL95
26	3	SOU026-019	PCB, Total	0.018	mg/kg	Grid Value	5.506	UCL95
26	3	SOU026-018	PCB, Total	0.24	mg/kg	Grid Value	5.506	UCL95
26	3	SOU026-017	PCB, Total	0.24	mg/kg	Grid Value	5.506	UCL95
26	3	SOU026-016	PCB, Total	0.24	mg/kg	Grid Value	5.506	UCL95
26	3	SOU026-014	PCB, Total	0.1	mg/kg	Grid Value	5.506	UCL95
26	3	SOU026-012	PCB, Total	0.099	mg/kg	Grid Value	5.506	UCL95
26	3	SOU026-011	PCB, Total	5	mg/kg	Grid Value	5.506	UCL95
26	3	SOU026-010	PCB, Total	0.32	mg/kg	Grid Value	5.506	UCL95
26	3	SOU026-015	PCB, Total	0.021	mg/kg	Grid Value	5.506	UCL95
26	3	SOU026-018	Pentachlorophenol	1.332	mg/kg	Avg	1.607	UCL95
26	3	SOU026-010	Pentachlorophenol	1.7	mg/kg	Grid Value	1.607	UCL95
26	3	SOU026-012	Pentachlorophenol	2.1	mg/kg	Grid Value	1.607	UCL95
26	3	SOU026-013	Pentachlorophenol	0.76	mg/kg	Grid Value	1.607	UCL95
26	3	SOU026-014	Pentachlorophenol	1.332	mg/kg	Avg	1.607	UCL95
26	3	SOU026-015	Pentachlorophenol	0.823	mg/kg	Grid Value	1.607	UCL95
26	3	SOU026-017	Pentachlorophenol	1.332	mg/kg	Avg	1.607	UCL95
26	3	SOU026-019	Pentachlorophenol	0.709	mg/kg	Grid Value	1.607	UCL95
26	3	SOU026-011	Pentachlorophenol	1.332	mg/kg	Avg	1.607	UCL95
26	3	SOU026-016	Pentachlorophenol	1.9	mg/kg	Grid Value	1.607	UCL95
26	3	SOU026-011	Thallium	1.15	mg/kg	Avg	2.509	UCL95
26	3	SOU026-010	Thallium	0.12	mg/kg	Grid Value	2.509	UCL95
26	3	SOU026-012	Thallium	1.15	mg/kg	Avg	2.509	UCL95
26	3	SOU026-014	Thallium	5	mg/kg	Grid Value	2.509	UCL95
26	3	SOU026-015	Thallium	0.6	mg/kg	Grid Value	2.509	UCL95
26	3	SOU026-016	Thallium	0.24	mg/kg	Grid Value	2.509	UCL95
26	3	SOU026-017	Thallium	1.15	mg/kg	Avg	2.509	UCL95
26	3	SOU026-018	Thallium	1.15	mg/kg	Avg	2.509	UCL95
26	3	SOU026-019	Thallium	0.6	mg/kg	Grid Value	2.509	UCL95
26	3	SOU026-013	Thallium	0.34	mg/kg	Grid Value	2.509	UCL95
26	3	SOU026-014	Uranium	7.19	mg/kg	Grid Value	204.6	UCL95
26	3	SOU026-010	Uranium	97	mg/kg	Grid Value	204.6	UCL95
26	3	SOU026-011	Uranium	10	mg/kg	Grid Value	204.6	UCL95
26	3	SOU026-013	Uranium	208	mg/kg	Grid Value	204.6	UCL95
26	3	SOU026-015	Uranium	194	mg/kg	Grid Value	204.6	UCL95
26	3	SOU026-016	Uranium	214	mg/kg	Grid Value	204.6	UCL95
26	3	SOU026-017	Uranium	8.02	mg/kg	Grid Value	204.6	UCL95
26	3	SOU026-018	Uranium	10	mg/kg	Grid Value	204.6	UCL95
26	3	SOU026-019	Uranium	10	mg/kg	Grid Value	204.6	UCL95
26	3	SOU026-012	Uranium	12.35	mg/kg	Grid Value	204.6	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
26	3	SOU026-010	Uranium-234	0.72	pCi/g	Grid Value	3.886	UCL95
26	3	SOU026-019	Uranium-234	1.7	pCi/g	Grid Value	3.886	UCL95
26	3	SOU026-018	Uranium-234	2.192	pCi/g	Avg	3.886	UCL95
26	3	SOU026-017	Uranium-234	2.192	pCi/g	Avg	3.886	UCL95
26	3	SOU026-016	Uranium-234	0.73	pCi/g	Grid Value	3.886	UCL95
26	3	SOU026-015	Uranium-234	0.9	pCi/g	Grid Value	3.886	UCL95
26	3	SOU026-014	Uranium-234	2.192	pCi/g	Avg	3.886	UCL95
26	3	SOU026-011	Uranium-234	2.192	pCi/g	Avg	3.886	UCL95
26	3	SOU026-012	Uranium-234	2.192	pCi/g	Avg	3.886	UCL95
26	3	SOU026-013	Uranium-234	6.91	pCi/g	Grid Value	3.886	UCL95
26	3	SOU026-018	Uranium-235	0.12758	pCi/g	Avg	0.291	UCL95
26	3	SOU026-019	Uranium-235	0.1	pCi/g	Grid Value	0.291	UCL95
26	3	SOU026-017	Uranium-235	0.12758	pCi/g	Avg	0.291	UCL95
26	3	SOU026-016	Uranium-235	0.026	pCi/g	Grid Value	0.291	UCL95
26	3	SOU026-015	Uranium-235	0.0439	pCi/g	Grid Value	0.291	UCL95
26	3	SOU026-014	Uranium-235	0.12758	pCi/g	Avg	0.291	UCL95
26	3	SOU026-013	Uranium-235	0.438	pCi/g	Grid Value	0.291	UCL95
26	3	SOU026-012	Uranium-235	0.12758	pCi/g	Avg	0.291	UCL95
26	3	SOU026-011	Uranium-235	0.12758	pCi/g	Avg	0.291	UCL95
26	3	SOU026-010	Uranium-235	0.03	pCi/g	Grid Value	0.291	UCL95
26	3	SOU026-013	Uranium-238	9.45	pCi/g	Grid Value	5.858	UCL95
26	3	SOU026-019	Uranium-238	2.7	pCi/g	Grid Value	5.858	UCL95
26	3	SOU026-018	Uranium-238	3.108	pCi/g	Avg	5.858	UCL95
26	3	SOU026-017	Uranium-238	3.108	pCi/g	Avg	5.858	UCL95
26	3	SOU026-016	Uranium-238	0.81	pCi/g	Grid Value	5.858	UCL95
26	3	SOU026-010	Uranium-238	0.86	pCi/g	Grid Value	5.858	UCL95
26	3	SOU026-014	Uranium-238	3.108	pCi/g	Avg	5.858	UCL95
26	3	SOU026-012	Uranium-238	3.108	pCi/g	Avg	5.858	UCL95
26	3	SOU026-011	Uranium-238	3.108	pCi/g	Avg	5.858	UCL95
26	3	SOU026-015	Uranium-238	1.72	pCi/g	Grid Value	5.858	UCL95
26	3	SOU026-011	Vanadium	60	mg/kg	Grid Value	142.6	UCL95
26	3	SOU026-019	Vanadium	148	mg/kg	Grid Value	142.6	UCL95
26	3	SOU026-010	Vanadium	96	mg/kg	Grid Value	142.6	UCL95
26	3	SOU026-012	Vanadium	133	mg/kg	Grid Value	142.6	UCL95
26	3	SOU026-013	Vanadium	195	mg/kg	Grid Value	142.6	UCL95
26	3	SOU026-014	Vanadium	153	mg/kg	Grid Value	142.6	UCL95
26	3	SOU026-015	Vanadium	110	mg/kg	Grid Value	142.6	UCL95
26	3	SOU026-016	Vanadium	113	mg/kg	Grid Value	142.6	UCL95
26	3	SOU026-017	Vanadium	115	mg/kg	Grid Value	142.6	UCL95
26	3	SOU026-018	Vanadium	101	mg/kg	Grid Value	142.6	UCL95
26	4	SOU026-028	Aluminum	11124	mg/kg	Avg	12032	UCL95
26	4	SOU026-032	Aluminum	11124	mg/kg	Avg	12032	UCL95
26	4	SOU026-035	Aluminum	11124	mg/kg	Avg	12032	UCL95
26	4	SOU026-033	Aluminum	11124	mg/kg	Avg	12032	UCL95
26	4	SOU026-031	Aluminum	11124	mg/kg	Avg	12032	UCL95
26	4	SOU026-030	Aluminum	11124	mg/kg	Avg	12032	UCL95
26	4	SOU026-029	Aluminum	11124	mg/kg	Avg	12032	UCL95
26	4	SOU026-022	Aluminum	11124	mg/kg	Avg	12032	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
26	4	SOU026-034	Aluminum	11124	mg/kg	Avg	12032	UCL95
26	4	SOU026-021	Aluminum	9320	mg/kg	Grid Value	12032	UCL95
26	4	SOU026-023	Aluminum	11124	mg/kg	Avg	12032	UCL95
26	4	SOU026-020	Aluminum	12900	mg/kg	Grid Value	12032	UCL95
26	4	SOU026-024	Aluminum	5200	mg/kg	Grid Value	12032	UCL95
26	4	SOU026-025	Aluminum	11124	mg/kg	Avg	12032	UCL95
26	4	SOU026-026	Aluminum	12500	mg/kg	Grid Value	12032	UCL95
26	4	SOU026-027	Aluminum	15700	mg/kg	Grid Value	12032	UCL95
26	4	SOU026-027	Antimony	106.76	mg/kg	Grid Value	73.19	UCL95
26	4	SOU026-028	Antimony	47.33	mg/kg	Avg	73.19	UCL95
26	4	SOU026-034	Antimony	47.33	mg/kg	Avg	73.19	UCL95
26	4	SOU026-033	Antimony	47.33	mg/kg	Avg	73.19	UCL95
26	4	SOU026-032	Antimony	47.33	mg/kg	Avg	73.19	UCL95
26	4	SOU026-031	Antimony	47.33	mg/kg	Avg	73.19	UCL95
26	4	SOU026-030	Antimony	47.33	mg/kg	Avg	73.19	UCL95
26	4	SOU026-021	Antimony	10	mg/kg	Grid Value	73.19	UCL95
26	4	SOU026-029	Antimony	47.33	mg/kg	Avg	73.19	UCL95
26	4	SOU026-020	Antimony	68.97	mg/kg	Grid Value	73.19	UCL95
26	4	SOU026-035	Antimony	47.33	mg/kg	Avg	73.19	UCL95
26	4	SOU026-022	Antimony	30	mg/kg	Grid Value	73.19	UCL95
26	4	SOU026-023	Antimony	60.31	mg/kg	Grid Value	73.19	UCL95
26	4	SOU026-024	Antimony	0.18	mg/kg	Grid Value	73.19	UCL95
26	4	SOU026-025	Antimony	64.12	mg/kg	Grid Value	73.19	UCL95
26	4	SOU026-026	Antimony	38.3	mg/kg	Grid Value	73.19	UCL95
26	4	SOU026-029	Arsenic	10	mg/kg	Grid Value	60.47	UCL95
26	4	SOU026-034	Arsenic	10	mg/kg	Grid Value	60.47	UCL95
26	4	SOU026-033	Arsenic	160	mg/kg	Grid Value	60.47	UCL95
26	4	SOU026-032	Arsenic	10	mg/kg	Grid Value	60.47	UCL95
26	4	SOU026-031	Arsenic	10	mg/kg	Grid Value	60.47	UCL95
26	4	SOU026-030	Arsenic	10	mg/kg	Grid Value	60.47	UCL95
26	4	SOU026-035	Arsenic	10	mg/kg	Grid Value	60.47	UCL95
26	4	SOU026-020	Arsenic	10.1	mg/kg	Grid Value	60.47	UCL95
26	4	SOU026-027	Arsenic	12.62	mg/kg	Grid Value	60.47	UCL95
26	4	SOU026-026	Arsenic	10	mg/kg	Grid Value	60.47	UCL95
26	4	SOU026-025	Arsenic	10	mg/kg	Grid Value	60.47	UCL95
26	4	SOU026-024	Arsenic	6.9	mg/kg	Grid Value	60.47	UCL95
26	4	SOU026-023	Arsenic	6.99	mg/kg	Grid Value	60.47	UCL95
26	4	SOU026-022	Arsenic	7.78	mg/kg	Grid Value	60.47	UCL95
26	4	SOU026-028	Arsenic	10	mg/kg	Grid Value	60.47	UCL95
26	4	SOU026-021	Arsenic	10	mg/kg	Grid Value	60.47	UCL95
26	4	SOU026-030	Cadmium	7.205	mg/kg	Avg	8.995	UCL95
26	4	SOU026-031	Cadmium	7.205	mg/kg	Avg	8.995	UCL95
26	4	SOU026-032	Cadmium	7.205	mg/kg	Avg	8.995	UCL95
26	4	SOU026-033	Cadmium	7.205	mg/kg	Avg	8.995	UCL95
26	4	SOU026-021	Cadmium	2	mg/kg	Grid Value	8.995	UCL95
26	4	SOU026-034	Cadmium	7.205	mg/kg	Avg	8.995	UCL95
26	4	SOU026-035	Cadmium	7.205	mg/kg	Avg	8.995	UCL95
26	4	SOU026-029	Cadmium	7.205	mg/kg	Avg	8.995	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
26	4	SOU026-023	Cadmium	12	mg/kg	Grid Value	8.995	UCL95
26	4	SOU026-027	Cadmium	14.77	mg/kg	Grid Value	8.995	UCL95
26	4	SOU026-026	Cadmium	2	mg/kg	Grid Value	8.995	UCL95
26	4	SOU026-025	Cadmium	12	mg/kg	Grid Value	8.995	UCL95
26	4	SOU026-024	Cadmium	0.14	mg/kg	Grid Value	8.995	UCL95
26	4	SOU026-022	Cadmium	12	mg/kg	Grid Value	8.995	UCL95
26	4	SOU026-020	Cadmium	2.73	mg/kg	Grid Value	8.995	UCL95
26	4	SOU026-028	Cadmium	7.205	mg/kg	Avg	8.995	UCL95
26	4	SOU026-020	Cesium-137	0.2	pCi/g	Grid Value	4.688	UCL95
26	4	SOU026-026	Cesium-137	0.369	pCi/g	Grid Value	4.688	UCL95
26	4	SOU026-025	Cesium-137	1.69	pCi/g	Grid Value	4.688	UCL95
26	4	SOU026-024	Cesium-137	0.258	pCi/g	Grid Value	4.688	UCL95
26	4	SOU026-035	Cesium-137	0.365	pCi/g	Grid Value	4.688	UCL95
26	4	SOU026-027	Cesium-137	11.1	pCi/g	Grid Value	4.688	UCL95
26	4	SOU026-021	Cesium-137	-0.0106	pCi/g	Grid Value	4.688	UCL95
26	4	SOU026-023	Cesium-137	1.884925	pCi/g	Avg	4.688	UCL95
26	4	SOU026-028	Cesium-137	1.884925	pCi/g	Avg	4.688	UCL95
26	4	SOU026-029	Cesium-137	1.884925	pCi/g	Avg	4.688	UCL95
26	4	SOU026-022	Cesium-137	1.884925	pCi/g	Avg	4.688	UCL95
26	4	SOU026-031	Cesium-137	1.884925	pCi/g	Avg	4.688	UCL95
26	4	SOU026-032	Cesium-137	1.108	pCi/g	Grid Value	4.688	UCL95
26	4	SOU026-033	Cesium-137	1.884925	pCi/g	Avg	4.688	UCL95
26	4	SOU026-034	Cesium-137	1.884925	pCi/g	Avg	4.688	UCL95
26	4	SOU026-030	Cesium-137	1.884925	pCi/g	Avg	4.688	UCL95
26	4	SOU026-032	Chromium	37	mg/kg	Grid Value	101.9	UCL95
26	4	SOU026-027	Chromium	141	mg/kg	Grid Value	101.9	UCL95
26	4	SOU026-020	Chromium	27.2	mg/kg	Grid Value	101.9	UCL95
26	4	SOU026-021	Chromium	10.9	mg/kg	Grid Value	101.9	UCL95
26	4	SOU026-022	Chromium	12	mg/kg	Grid Value	101.9	UCL95
26	4	SOU026-023	Chromium	12	mg/kg	Grid Value	101.9	UCL95
26	4	SOU026-024	Chromium	20	mg/kg	Grid Value	101.9	UCL95
26	4	SOU026-034	Chromium	12	mg/kg	Grid Value	101.9	UCL95
26	4	SOU026-026	Chromium	16.2	mg/kg	Grid Value	101.9	UCL95
26	4	SOU026-035	Chromium	231	mg/kg	Grid Value	101.9	UCL95
26	4	SOU026-028	Chromium	88	mg/kg	Grid Value	101.9	UCL95
26	4	SOU026-029	Chromium	12	mg/kg	Grid Value	101.9	UCL95
26	4	SOU026-030	Chromium	12	mg/kg	Grid Value	101.9	UCL95
26	4	SOU026-031	Chromium	113	mg/kg	Grid Value	101.9	UCL95
26	4	SOU026-033	Chromium	91	mg/kg	Grid Value	101.9	UCL95
26	4	SOU026-025	Chromium	39.83	mg/kg	Grid Value	101.9	UCL95
26	4	SOU026-032	Cobalt	13.22	mg/kg	Avg	14.66	UCL95
26	4	SOU026-035	Cobalt	13.22	mg/kg	Avg	14.66	UCL95
26	4	SOU026-020	Cobalt	8.86	mg/kg	Grid Value	14.66	UCL95
26	4	SOU026-021	Cobalt	13.22	mg/kg	Avg	14.66	UCL95
26	4	SOU026-022	Cobalt	13.22	mg/kg	Avg	14.66	UCL95
26	4	SOU026-023	Cobalt	13.22	mg/kg	Avg	14.66	UCL95
26	4	SOU026-024	Cobalt	7.2	mg/kg	Grid Value	14.66	UCL95
26	4	SOU026-025	Cobalt	13.22	mg/kg	Avg	14.66	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
26	4	SOU026-026	Cobalt	13.22	mg/kg	Avg	14.66	UCL95
26	4	SOU026-027	Cobalt	23.6	mg/kg	Grid Value	14.66	UCL95
26	4	SOU026-028	Cobalt	13.22	mg/kg	Avg	14.66	UCL95
26	4	SOU026-029	Cobalt	13.22	mg/kg	Avg	14.66	UCL95
26	4	SOU026-030	Cobalt	13.22	mg/kg	Avg	14.66	UCL95
26	4	SOU026-031	Cobalt	13.22	mg/kg	Avg	14.66	UCL95
26	4	SOU026-034	Cobalt	13.22	mg/kg	Avg	14.66	UCL95
26	4	SOU026-033	Cobalt	13.22	mg/kg	Avg	14.66	UCL95
26	4	SOU026-030	Copper	88	mg/kg	Grid Value	3239	UCL95
26	4	SOU026-023	Copper	48	mg/kg	Grid Value	3239	UCL95
26	4	SOU026-024	Copper	51	mg/kg	Grid Value	3239	UCL95
26	4	SOU026-025	Copper	46	mg/kg	Grid Value	3239	UCL95
26	4	SOU026-026	Copper	44	mg/kg	Grid Value	3239	UCL95
26	4	SOU026-027	Copper	9520	mg/kg	Grid Value	3239	UCL95
26	4	SOU026-020	Copper	45	mg/kg	Grid Value	3239	UCL95
26	4	SOU026-029	Copper	87	mg/kg	Grid Value	3239	UCL95
26	4	SOU026-022	Copper	56	mg/kg	Grid Value	3239	UCL95
26	4	SOU026-031	Copper	119	mg/kg	Grid Value	3239	UCL95
26	4	SOU026-032	Copper	47	mg/kg	Grid Value	3239	UCL95
26	4	SOU026-033	Copper	76	mg/kg	Grid Value	3239	UCL95
26	4	SOU026-034	Copper	129	mg/kg	Grid Value	3239	UCL95
26	4	SOU026-035	Copper	94	mg/kg	Grid Value	3239	UCL95
26	4	SOU026-021	Copper	9.79	mg/kg	Grid Value	3239	UCL95
26	4	SOU026-028	Copper	187	mg/kg	Grid Value	3239	UCL95
26	4	SOU026-029	Iron	28508	mg/kg	Grid Value	32061	UCL95
26	4	SOU026-022	Iron	28683	mg/kg	Grid Value	32061	UCL95
26	4	SOU026-031	Iron	33738	mg/kg	Grid Value	32061	UCL95
26	4	SOU026-021	Iron	25529	mg/kg	Grid Value	32061	UCL95
26	4	SOU026-023	Iron	24279	mg/kg	Grid Value	32061	UCL95
26	4	SOU026-024	Iron	25527	mg/kg	Grid Value	32061	UCL95
26	4	SOU026-025	Iron	24223	mg/kg	Grid Value	32061	UCL95
26	4	SOU026-026	Iron	23163	mg/kg	Grid Value	32061	UCL95
26	4	SOU026-027	Iron	51700	mg/kg	Grid Value	32061	UCL95
26	4	SOU026-028	Iron	26713	mg/kg	Grid Value	32061	UCL95
26	4	SOU026-030	Iron	27967	mg/kg	Grid Value	32061	UCL95
26	4	SOU026-032	Iron	28742	mg/kg	Grid Value	32061	UCL95
26	4	SOU026-033	Iron	32684	mg/kg	Grid Value	32061	UCL95
26	4	SOU026-034	Iron	23599	mg/kg	Grid Value	32061	UCL95
26	4	SOU026-035	Iron	27332	mg/kg	Grid Value	32061	UCL95
26	4	SOU026-020	Iron	32500	mg/kg	Grid Value	32061	UCL95
26	4	SOU026-030	Manganese	307	mg/kg	Grid Value	786.5	UCL95
26	4	SOU026-021	Manganese	456	mg/kg	Grid Value	786.5	UCL95
26	4	SOU026-024	Manganese	590	mg/kg	Grid Value	786.5	UCL95
26	4	SOU026-025	Manganese	533	mg/kg	Grid Value	786.5	UCL95
26	4	SOU026-026	Manganese	521	mg/kg	Grid Value	786.5	UCL95
26	4	SOU026-027	Manganese	1800	mg/kg	Grid Value	786.5	UCL95
26	4	SOU026-022	Manganese	1030	mg/kg	Grid Value	786.5	UCL95
26	4	SOU026-029	Manganese	403	mg/kg	Grid Value	786.5	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
26	4	SOU026-023	Manganese	456	mg/kg	Grid Value	786.5	UCL95
26	4	SOU026-031	Manganese	622	mg/kg	Grid Value	786.5	UCL95
26	4	SOU026-032	Manganese	210	mg/kg	Grid Value	786.5	UCL95
26	4	SOU026-033	Manganese	447	mg/kg	Grid Value	786.5	UCL95
26	4	SOU026-034	Manganese	313	mg/kg	Grid Value	786.5	UCL95
26	4	SOU026-035	Manganese	386	mg/kg	Grid Value	786.5	UCL95
26	4	SOU026-020	Manganese	916	mg/kg	Grid Value	786.5	UCL95
26	4	SOU026-028	Manganese	524	mg/kg	Grid Value	786.5	UCL95
26	4	SOU026-035	Mercury	12.4	mg/kg	Grid Value	18.96	UCL95
26	4	SOU026-032	Mercury	0.63	mg/kg	Grid Value	18.96	UCL95
26	4	SOU026-031	Mercury	40	mg/kg	Grid Value	18.96	UCL95
26	4	SOU026-030	Mercury	40	mg/kg	Grid Value	18.96	UCL95
26	4	SOU026-020	Mercury	0.0493	mg/kg	Grid Value	18.96	UCL95
26	4	SOU026-029	Mercury	40	mg/kg	Grid Value	18.96	UCL95
26	4	SOU026-034	Mercury	40	mg/kg	Grid Value	18.96	UCL95
26	4	SOU026-028	Mercury	40	mg/kg	Grid Value	18.96	UCL95
26	4	SOU026-027	Mercury	0.457	mg/kg	Grid Value	18.96	UCL95
26	4	SOU026-026	Mercury	0.2	mg/kg	Grid Value	18.96	UCL95
26	4	SOU026-025	Mercury	10	mg/kg	Grid Value	18.96	UCL95
26	4	SOU026-024	Mercury	0.28	mg/kg	Grid Value	18.96	UCL95
26	4	SOU026-023	Mercury	10	mg/kg	Grid Value	18.96	UCL95
26	4	SOU026-033	Mercury	40	mg/kg	Grid Value	18.96	UCL95
26	4	SOU026-022	Mercury	10	mg/kg	Grid Value	18.96	UCL95
26	4	SOU026-021	Mercury	0.2	mg/kg	Grid Value	18.96	UCL95
26	4	SOU026-029	Molybdenum	3	mg/kg	Grid Value	40.77	UCL95
26	4	SOU026-022	Molybdenum	3	mg/kg	Grid Value	40.77	UCL95
26	4	SOU026-023	Molybdenum	3	mg/kg	Grid Value	40.77	UCL95
26	4	SOU026-024	Molybdenum	0.64	mg/kg	Grid Value	40.77	UCL95
26	4	SOU026-025	Molybdenum	3	mg/kg	Grid Value	40.77	UCL95
26	4	SOU026-026	Molybdenum	3	mg/kg	Grid Value	40.77	UCL95
26	4	SOU026-027	Molybdenum	0.75	mg/kg	Grid Value	40.77	UCL95
26	4	SOU026-020	Molybdenum	3	mg/kg	Grid Value	40.77	UCL95
26	4	SOU026-035	Molybdenum	3	mg/kg	Grid Value	40.77	UCL95
26	4	SOU026-021	Molybdenum	3	mg/kg	Grid Value	40.77	UCL95
26	4	SOU026-030	Molybdenum	3	mg/kg	Grid Value	40.77	UCL95
26	4	SOU026-031	Molybdenum	55	mg/kg	Grid Value	40.77	UCL95
26	4	SOU026-032	Molybdenum	3	mg/kg	Grid Value	40.77	UCL95
26	4	SOU026-033	Molybdenum	78	mg/kg	Grid Value	40.77	UCL95
26	4	SOU026-034	Molybdenum	3	mg/kg	Grid Value	40.77	UCL95
26	4	SOU026-028	Molybdenum	3	mg/kg	Grid Value	40.77	UCL95
26	4	SOU026-030	Neptunium-237	7.90873	pCi/g	Avg	38.7	UCL95
26	4	SOU026-020	Neptunium-237	0.6	pCi/g	Grid Value	38.7	UCL95
26	4	SOU026-021	Neptunium-237	0.00884	pCi/g	Grid Value	38.7	UCL95
26	4	SOU026-022	Neptunium-237	7.90873	pCi/g	Avg	38.7	UCL95
26	4	SOU026-023	Neptunium-237	7.90873	pCi/g	Avg	38.7	UCL95
26	4	SOU026-025	Neptunium-237	4.1	pCi/g	Grid Value	38.7	UCL95
26	4	SOU026-027	Neptunium-237	52.6	pCi/g	Grid Value	38.7	UCL95
26	4	SOU026-029	Neptunium-237	7.90873	pCi/g	Avg	38.7	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
26	4	SOU026-031	Neptunium-237	7.90873	pCi/g	Avg	38.7	UCL95
26	4	SOU026-032	Neptunium-237	2.058	pCi/g	Grid Value	38.7	UCL95
26	4	SOU026-033	Neptunium-237	7.90873	pCi/g	Avg	38.7	UCL95
26	4	SOU026-034	Neptunium-237	7.90873	pCi/g	Avg	38.7	UCL95
26	4	SOU026-035	Neptunium-237	3.31	pCi/g	Grid Value	38.7	UCL95
26	4	SOU026-024	Neptunium-237	0.154	pCi/g	Grid Value	38.7	UCL95
26	4	SOU026-028	Neptunium-237	7.90873	pCi/g	Avg	38.7	UCL95
26	4	SOU026-026	Neptunium-237	0.439	pCi/g	Grid Value	38.7	UCL95
26	4	SOU026-035	Nickel	40	mg/kg	Grid Value	12064	UCL95
26	4	SOU026-022	Nickel	32	mg/kg	Grid Value	12064	UCL95
26	4	SOU026-023	Nickel	24	mg/kg	Grid Value	12064	UCL95
26	4	SOU026-024	Nickel	26	mg/kg	Grid Value	12064	UCL95
26	4	SOU026-026	Nickel	22	mg/kg	Grid Value	12064	UCL95
26	4	SOU026-027	Nickel	17600	mg/kg	Grid Value	12064	UCL95
26	4	SOU026-028	Nickel	203	mg/kg	Grid Value	12064	UCL95
26	4	SOU026-034	Nickel	61	mg/kg	Grid Value	12064	UCL95
26	4	SOU026-020	Nickel	81.89	mg/kg	Grid Value	12064	UCL95
26	4	SOU026-025	Nickel	30	mg/kg	Grid Value	12064	UCL95
26	4	SOU026-021	Nickel	27	mg/kg	Grid Value	12064	UCL95
26	4	SOU026-029	Nickel	54	mg/kg	Grid Value	12064	UCL95
26	4	SOU026-033	Nickel	43	mg/kg	Grid Value	12064	UCL95
26	4	SOU026-032	Nickel	17	mg/kg	Grid Value	12064	UCL95
26	4	SOU026-031	Nickel	113	mg/kg	Grid Value	12064	UCL95
26	4	SOU026-030	Nickel	89	mg/kg	Grid Value	12064	UCL95
26	4	SOU026-026	PAH, Total	0.47	mg/kg	Grid Value	4.284	UCL95
26	4	SOU026-033	PAH, Total	1.90258	mg/kg	Avg	4.284	UCL95
26	4	SOU026-021	PAH, Total	0.46	mg/kg	Grid Value	4.284	UCL95
26	4	SOU026-022	PAH, Total	1.90258	mg/kg	Avg	4.284	UCL95
26	4	SOU026-023	PAH, Total	1.90258	mg/kg	Avg	4.284	UCL95
26	4	SOU026-024	PAH, Total	9.62013	mg/kg	Grid Value	4.284	UCL95
26	4	SOU026-025	PAH, Total	1.90258	mg/kg	Avg	4.284	UCL95
26	4	SOU026-020	PAH, Total	0.02	mg/kg	Grid Value	4.284	UCL95
26	4	SOU026-027	PAH, Total	0.41535	mg/kg	Grid Value	4.284	UCL95
26	4	SOU026-028	PAH, Total	1.90258	mg/kg	Avg	4.284	UCL95
26	4	SOU026-029	PAH, Total	1.90258	mg/kg	Avg	4.284	UCL95
26	4	SOU026-030	PAH, Total	1.90258	mg/kg	Avg	4.284	UCL95
26	4	SOU026-032	PAH, Total	0.43	mg/kg	Grid Value	4.284	UCL95
26	4	SOU026-034	PAH, Total	1.90258	mg/kg	Avg	4.284	UCL95
26	4	SOU026-035	PAH, Total	1.90258	mg/kg	Avg	4.284	UCL95
26	4	SOU026-031	PAH, Total	1.90258	mg/kg	Avg	4.284	UCL95
26	4	SOU026-027	PCB, Total	0.063	mg/kg	Grid Value	7.959	UCL95
26	4	SOU026-035	PCB, Total	1.9	mg/kg	Grid Value	7.959	UCL95
26	4	SOU026-034	PCB, Total	5	mg/kg	Grid Value	7.959	UCL95
26	4	SOU026-033	PCB, Total	5	mg/kg	Grid Value	7.959	UCL95
26	4	SOU026-032	PCB, Total	0.4	mg/kg	Grid Value	7.959	UCL95
26	4	SOU026-031	PCB, Total	5	mg/kg	Grid Value	7.959	UCL95
26	4	SOU026-030	PCB, Total	5	mg/kg	Grid Value	7.959	UCL95
26	4	SOU026-021	PCB, Total	0.1	mg/kg	Grid Value	7.959	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
26	4	SOU026-028	PCB, Total	5	mg/kg	Grid Value	7.959	UCL95
26	4	SOU026-029	PCB, Total	5	mg/kg	Grid Value	7.959	UCL95
26	4	SOU026-020	PCB, Total	0.019	mg/kg	Grid Value	7.959	UCL95
26	4	SOU026-022	PCB, Total	0.24	mg/kg	Grid Value	7.959	UCL95
26	4	SOU026-023	PCB, Total	0.24	mg/kg	Grid Value	7.959	UCL95
26	4	SOU026-024	PCB, Total	0.49	mg/kg	Grid Value	7.959	UCL95
26	4	SOU026-025	PCB, Total	0.15	mg/kg	Grid Value	7.959	UCL95
26	4	SOU026-026	PCB, Total	0.17	mg/kg	Grid Value	7.959	UCL95
26	4	SOU026-032	Plutonium-239/240	3.77	pCi/g	Grid Value	15.14	UCL95
26	4	SOU026-030	Plutonium-239/240	4.843238	pCi/g	Avg	15.14	UCL95
26	4	SOU026-035	Plutonium-239/240	7.2	pCi/g	Grid Value	15.14	UCL95
26	4	SOU026-033	Plutonium-239/240	4.843238	pCi/g	Avg	15.14	UCL95
26	4	SOU026-020	Plutonium-239/240	0.4	pCi/g	Grid Value	15.14	UCL95
26	4	SOU026-031	Plutonium-239/240	4.843238	pCi/g	Avg	15.14	UCL95
26	4	SOU026-021	Plutonium-239/240	0.0109	pCi/g	Grid Value	15.14	UCL95
26	4	SOU026-022	Plutonium-239/240	4.843238	pCi/g	Avg	15.14	UCL95
26	4	SOU026-028	Plutonium-239/240	4.843238	pCi/g	Avg	15.14	UCL95
26	4	SOU026-027	Plutonium-239/240	11.2	pCi/g	Grid Value	15.14	UCL95
26	4	SOU026-026	Plutonium-239/240	0.163	pCi/g	Grid Value	15.14	UCL95
26	4	SOU026-025	Plutonium-239/240	15.9	pCi/g	Grid Value	15.14	UCL95
26	4	SOU026-024	Plutonium-239/240	0.102	pCi/g	Grid Value	15.14	UCL95
26	4	SOU026-023	Plutonium-239/240	4.843238	pCi/g	Avg	15.14	UCL95
26	4	SOU026-034	Plutonium-239/240	4.843238	pCi/g	Avg	15.14	UCL95
26	4	SOU026-029	Plutonium-239/240	4.843238	pCi/g	Avg	15.14	UCL95
26	4	SOU026-031	Technetium-99	881.0588	pCi/g	Avg	3807	UCL95
26	4	SOU026-032	Technetium-99	113	pCi/g	Grid Value	3807	UCL95
26	4	SOU026-033	Technetium-99	881.0588	pCi/g	Avg	3807	UCL95
26	4	SOU026-030	Technetium-99	881.0588	pCi/g	Avg	3807	UCL95
26	4	SOU026-035	Technetium-99	1870	pCi/g	Grid Value	3807	UCL95
26	4	SOU026-022	Technetium-99	881.0588	pCi/g	Avg	3807	UCL95
26	4	SOU026-034	Technetium-99	881.0588	pCi/g	Avg	3807	UCL95
26	4	SOU026-029	Technetium-99	881.0588	pCi/g	Avg	3807	UCL95
26	4	SOU026-028	Technetium-99	881.0588	pCi/g	Avg	3807	UCL95
26	4	SOU026-027	Technetium-99	4840	pCi/g	Grid Value	3807	UCL95
26	4	SOU026-023	Technetium-99	881.0588	pCi/g	Avg	3807	UCL95
26	4	SOU026-021	Technetium-99	4.05	pCi/g	Grid Value	3807	UCL95
26	4	SOU026-024	Technetium-99	7.52	pCi/g	Grid Value	3807	UCL95
26	4	SOU026-020	Technetium-99	17	pCi/g	Grid Value	3807	UCL95
26	4	SOU026-025	Technetium-99	186	pCi/g	Grid Value	3807	UCL95
26	4	SOU026-026	Technetium-99	10.9	pCi/g	Grid Value	3807	UCL95
26	4	SOU026-030	Thallium	1.008	mg/kg	Avg	1.527	UCL95
26	4	SOU026-021	Thallium	2	mg/kg	Grid Value	1.527	UCL95
26	4	SOU026-035	Thallium	1.008	mg/kg	Avg	1.527	UCL95
26	4	SOU026-034	Thallium	1.008	mg/kg	Avg	1.527	UCL95
26	4	SOU026-033	Thallium	1.008	mg/kg	Avg	1.527	UCL95
26	4	SOU026-031	Thallium	1.008	mg/kg	Avg	1.527	UCL95
26	4	SOU026-029	Thallium	1.008	mg/kg	Avg	1.527	UCL95
26	4	SOU026-028	Thallium	1.008	mg/kg	Avg	1.527	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
26	4	SOU026-022	Thallium	1.008	mg/kg	Avg	1.527	UCL95
26	4	SOU026-026	Thallium	2	mg/kg	Grid Value	1.527	UCL95
26	4	SOU026-025	Thallium	1.008	mg/kg	Avg	1.527	UCL95
26	4	SOU026-024	Thallium	0.1	mg/kg	Grid Value	1.527	UCL95
26	4	SOU026-023	Thallium	1.008	mg/kg	Avg	1.527	UCL95
26	4	SOU026-027	Thallium	0.34	mg/kg	Grid Value	1.527	UCL95
26	4	SOU026-032	Thallium	1.008	mg/kg	Avg	1.527	UCL95
26	4	SOU026-020	Thallium	0.6	mg/kg	Grid Value	1.527	UCL95
26	4	SOU026-026	Thorium-230	0.74	pCi/g	Grid Value	86.75	UCL95
26	4	SOU026-025	Thorium-230	111	pCi/g	Grid Value	86.75	UCL95
26	4	SOU026-024	Thorium-230	1.56	pCi/g	Grid Value	86.75	UCL95
26	4	SOU026-023	Thorium-230	23.41113	pCi/g	Avg	86.75	UCL95
26	4	SOU026-020	Thorium-230	1.6	pCi/g	Grid Value	86.75	UCL95
26	4	SOU026-035	Thorium-230	29.2	pCi/g	Grid Value	86.75	UCL95
26	4	SOU026-027	Thorium-230	18.8	pCi/g	Grid Value	86.75	UCL95
26	4	SOU026-030	Thorium-230	23.41113	pCi/g	Avg	86.75	UCL95
26	4	SOU026-022	Thorium-230	23.41113	pCi/g	Avg	86.75	UCL95
26	4	SOU026-029	Thorium-230	23.41113	pCi/g	Avg	86.75	UCL95
26	4	SOU026-031	Thorium-230	23.41113	pCi/g	Avg	86.75	UCL95
26	4	SOU026-032	Thorium-230	24	pCi/g	Grid Value	86.75	UCL95
26	4	SOU026-033	Thorium-230	23.41113	pCi/g	Avg	86.75	UCL95
26	4	SOU026-034	Thorium-230	23.41113	pCi/g	Avg	86.75	UCL95
26	4	SOU026-021	Thorium-230	0.389	pCi/g	Grid Value	86.75	UCL95
26	4	SOU026-028	Thorium-230	23.41113	pCi/g	Avg	86.75	UCL95
26	4	SOU026-033	Uranium	1315	mg/kg	Grid Value	1341	UCL95
26	4	SOU026-021	Uranium	11.37	mg/kg	Grid Value	1341	UCL95
26	4	SOU026-023	Uranium	108	mg/kg	Grid Value	1341	UCL95
26	4	SOU026-024	Uranium	293	mg/kg	Grid Value	1341	UCL95
26	4	SOU026-025	Uranium	3100	mg/kg	Grid Value	1341	UCL95
26	4	SOU026-026	Uranium	106	mg/kg	Grid Value	1341	UCL95
26	4	SOU026-027	Uranium	110	mg/kg	Grid Value	1341	UCL95
26	4	SOU026-028	Uranium	1102	mg/kg	Grid Value	1341	UCL95
26	4	SOU026-029	Uranium	618	mg/kg	Grid Value	1341	UCL95
26	4	SOU026-030	Uranium	997	mg/kg	Grid Value	1341	UCL95
26	4	SOU026-032	Uranium	224	mg/kg	Grid Value	1341	UCL95
26	4	SOU026-020	Uranium	200	mg/kg	Grid Value	1341	UCL95
26	4	SOU026-034	Uranium	140	mg/kg	Grid Value	1341	UCL95
26	4	SOU026-035	Uranium	1173	mg/kg	Grid Value	1341	UCL95
26	4	SOU026-022	Uranium	126	mg/kg	Grid Value	1341	UCL95
26	4	SOU026-031	Uranium	1551	mg/kg	Grid Value	1341	UCL95
26	4	SOU026-022	Uranium-234	94.71875	pCi/g	Avg	346	UCL95
26	4	SOU026-021	Uranium-234	1.95	pCi/g	Grid Value	346	UCL95
26	4	SOU026-032	Uranium-234	63.6	pCi/g	Grid Value	346	UCL95
26	4	SOU026-023	Uranium-234	94.71875	pCi/g	Avg	346	UCL95
26	4	SOU026-024	Uranium-234	7.66	pCi/g	Grid Value	346	UCL95
26	4	SOU026-025	Uranium-234	437	pCi/g	Grid Value	346	UCL95
26	4	SOU026-026	Uranium-234	3.44	pCi/g	Grid Value	346	UCL95
26	4	SOU026-027	Uranium-234	102	pCi/g	Grid Value	346	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
26	4	SOU026-028	Uranium-234	94.71875	pCi/g	Avg	346	UCL95
26	4	SOU026-029	Uranium-234	94.71875	pCi/g	Avg	346	UCL95
26	4	SOU026-030	Uranium-234	94.71875	pCi/g	Avg	346	UCL95
26	4	SOU026-031	Uranium-234	94.71875	pCi/g	Avg	346	UCL95
26	4	SOU026-033	Uranium-234	94.71875	pCi/g	Avg	346	UCL95
26	4	SOU026-035	Uranium-234	139	pCi/g	Grid Value	346	UCL95
26	4	SOU026-020	Uranium-234	3.1	pCi/g	Grid Value	346	UCL95
26	4	SOU026-034	Uranium-234	94.71875	pCi/g	Avg	346	UCL95
26	4	SOU026-029	Uranium-235	6.0905	pCi/g	Avg	24.56	UCL95
26	4	SOU026-022	Uranium-235	6.0905	pCi/g	Avg	24.56	UCL95
26	4	SOU026-023	Uranium-235	6.0905	pCi/g	Avg	24.56	UCL95
26	4	SOU026-024	Uranium-235	0.491	pCi/g	Grid Value	24.56	UCL95
26	4	SOU026-025	Uranium-235	31.9	pCi/g	Grid Value	24.56	UCL95
26	4	SOU026-026	Uranium-235	0.217	pCi/g	Grid Value	24.56	UCL95
26	4	SOU026-035	Uranium-235	8.8	pCi/g	Grid Value	24.56	UCL95
26	4	SOU026-028	Uranium-235	6.0905	pCi/g	Avg	24.56	UCL95
26	4	SOU026-020	Uranium-235	0.2	pCi/g	Grid Value	24.56	UCL95
26	4	SOU026-030	Uranium-235	6.0905	pCi/g	Avg	24.56	UCL95
26	4	SOU026-031	Uranium-235	6.0905	pCi/g	Avg	24.56	UCL95
26	4	SOU026-032	Uranium-235	2.1	pCi/g	Grid Value	24.56	UCL95
26	4	SOU026-033	Uranium-235	6.0905	pCi/g	Avg	24.56	UCL95
26	4	SOU026-034	Uranium-235	6.0905	pCi/g	Avg	24.56	UCL95
26	4	SOU026-027	Uranium-235	4.9	pCi/g	Grid Value	24.56	UCL95
26	4	SOU026-021	Uranium-235	0.116	pCi/g	Grid Value	24.56	UCL95
26	4	SOU026-026	Uranium-238	5.01	pCi/g	Grid Value	824	UCL95
26	4	SOU026-035	Uranium-238	393	pCi/g	Grid Value	824	UCL95
26	4	SOU026-033	Uranium-238	213.295	pCi/g	Avg	824	UCL95
26	4	SOU026-031	Uranium-238	213.295	pCi/g	Avg	824	UCL95
26	4	SOU026-030	Uranium-238	213.295	pCi/g	Avg	824	UCL95
26	4	SOU026-029	Uranium-238	213.295	pCi/g	Avg	824	UCL95
26	4	SOU026-020	Uranium-238	4.6	pCi/g	Grid Value	824	UCL95
26	4	SOU026-027	Uranium-238	142	pCi/g	Grid Value	824	UCL95
26	4	SOU026-025	Uranium-238	1040	pCi/g	Grid Value	824	UCL95
26	4	SOU026-024	Uranium-238	11.8	pCi/g	Grid Value	824	UCL95
26	4	SOU026-023	Uranium-238	213.295	pCi/g	Avg	824	UCL95
26	4	SOU026-022	Uranium-238	213.295	pCi/g	Avg	824	UCL95
26	4	SOU026-021	Uranium-238	1.95	pCi/g	Grid Value	824	UCL95
26	4	SOU026-032	Uranium-238	108	pCi/g	Grid Value	824	UCL95
26	4	SOU026-028	Uranium-238	213.295	pCi/g	Avg	824	UCL95
26	4	SOU026-034	Uranium-238	213.295	pCi/g	Avg	824	UCL95
26	4	SOU026-025	Vanadium	143	mg/kg	Grid Value	141.9	UCL95
26	4	SOU026-035	Vanadium	116	mg/kg	Grid Value	141.9	UCL95
26	4	SOU026-021	Vanadium	146	mg/kg	Grid Value	141.9	UCL95
26	4	SOU026-022	Vanadium	153	mg/kg	Grid Value	141.9	UCL95
26	4	SOU026-023	Vanadium	142	mg/kg	Grid Value	141.9	UCL95
26	4	SOU026-024	Vanadium	138	mg/kg	Grid Value	141.9	UCL95
26	4	SOU026-026	Vanadium	128	mg/kg	Grid Value	141.9	UCL95
26	4	SOU026-027	Vanadium	131	mg/kg	Grid Value	141.9	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
26	4	SOU026-028	Vanadium	98	mg/kg	Grid Value	141.9	UCL95
26	4	SOU026-029	Vanadium	133	mg/kg	Grid Value	141.9	UCL95
26	4	SOU026-030	Vanadium	107	mg/kg	Grid Value	141.9	UCL95
26	4	SOU026-031	Vanadium	139	mg/kg	Grid Value	141.9	UCL95
26	4	SOU026-032	Vanadium	150	mg/kg	Grid Value	141.9	UCL95
26	4	SOU026-033	Vanadium	161	mg/kg	Grid Value	141.9	UCL95
26	4	SOU026-034	Vanadium	131	mg/kg	Grid Value	141.9	UCL95
26	4	SOU026-020	Vanadium	138	mg/kg	Grid Value	141.9	UCL95
565	1	SOU565-RAD	Cesium-137	0.4	pCi/g	Grid Value	0.4	Maximum
77	1	SOU077-001	Chromium	45	mg/kg	Grid Value	83	Maximum
77	1	SOU077-001A	Chromium	12	mg/kg	Grid Value	83	Maximum
77	1	SOU077-001B	Chromium	83	mg/kg	Grid Value	83	Maximum
77	1	SOU077-001C	Chromium	12	mg/kg	Grid Value	83	Maximum
77	1	SOU077-001B	Iron	50329	mg/kg	Grid Value	50329	Maximum
77	1	SOU077-001C	Iron	38979	mg/kg	Grid Value	50329	Maximum
77	1	SOU077-001A	Iron	36685	mg/kg	Grid Value	50329	Maximum
77	1	SOU077-001	Iron	35391	mg/kg	Grid Value	50329	Maximum
77	1	SOU077-001C	PAH, Total	0.0702	mg/kg	Avg	0.0702	Maximum
77	1	SOU077-001B	PAH, Total	0.0702	mg/kg	Avg	0.0702	Maximum
77	1	SOU077-001A	PAH, Total	0.0702	mg/kg	Avg	0.0702	Maximum
77	1	SOU077-001	PAH, Total	0.0702	mg/kg	Grid Value	0.0702	Maximum
77	1	SOU077-001A	PCB, Total	5	mg/kg	Grid Value	5	Maximum
77	1	SOU077-001B	PCB, Total	5	mg/kg	Grid Value	5	Maximum
77	1	SOU077-001	PCB, Total	5	mg/kg	Grid Value	5	Maximum
77	1	SOU077-001C	PCB, Total	5	mg/kg	Grid Value	5	Maximum
77	1	SOU077-001	Thorium-230	10.3	pCi/g	Grid Value	10.3	Maximum
77	1	SOU077-001A	Thorium-230	10.3	pCi/g	Avg	10.3	Maximum
77	1	SOU077-001B	Thorium-230	10.3	pCi/g	Avg	10.3	Maximum
77	1	SOU077-001C	Thorium-230	10.3	pCi/g	Avg	10.3	Maximum
77	1	SOU077-001	Uranium	666	mg/kg	Grid Value	666	Maximum
77	1	SOU077-001C	Uranium	317	mg/kg	Grid Value	666	Maximum
77	1	SOU077-001B	Uranium	535	mg/kg	Grid Value	666	Maximum
77	1	SOU077-001A	Uranium	10	mg/kg	Grid Value	666	Maximum
77	1	SOU077-001B	Uranium-238	15.3	pCi/g	Avg	15.3	Maximum
77	1	SOU077-001C	Uranium-238	15.3	pCi/g	Avg	15.3	Maximum
77	1	SOU077-001A	Uranium-238	15.3	pCi/g	Avg	15.3	Maximum
77	1	SOU077-001	Uranium-238	15.3	pCi/g	Grid Value	15.3	Maximum
77	1	SOU077-001	Vanadium	147	mg/kg	Grid Value	168	Maximum
77	1	SOU077-001C	Vanadium	130	mg/kg	Grid Value	168	Maximum
77	1	SOU077-001A	Vanadium	121	mg/kg	Grid Value	168	Maximum
77	1	SOU077-001B	Vanadium	168	mg/kg	Grid Value	168	Maximum
80	1	SOU080-007	Dioxins/Furans, Total	5.89E-05	mg/kg	Avg	8.82151E-05	Maximum
80	1	SOU080-010	Dioxins/Furans, Total	8.82E-05	mg/kg	Grid Value	8.82151E-05	Maximum
80	1	SOU080-008	Dioxins/Furans, Total	5.89E-05	mg/kg	Avg	8.82151E-05	Maximum
80	1	SOU080-006	Dioxins/Furans, Total	2.95E-05	mg/kg	Grid Value	8.82151E-05	Maximum
80	1	SOU080-005	Dioxins/Furans, Total	5.89E-05	mg/kg	Avg	8.82151E-05	Maximum
80	1	SOU080-004	Dioxins/Furans, Total	5.89E-05	mg/kg	Avg	8.82151E-05	Maximum
80	1	SOU080-003	Dioxins/Furans, Total	5.89E-05	mg/kg	Avg	8.82151E-05	Maximum

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
80	1	SOU080-009	Dioxins/Furans, Total	5.89E-05	mg/kg	Avg	8.82151E-05	Maximum
80	1	SOU080-010	PCB, Total	73	mg/kg	Grid Value	120	Maximum
80	1	SOU080-004	PCB, Total	1.103	mg/kg	Grid Value	120	Maximum
80	1	SOU080-009	PCB, Total	0.2	mg/kg	Grid Value	120	Maximum
80	1	SOU080-008	PCB, Total	0.05	mg/kg	Grid Value	120	Maximum
80	1	SOU080-007	PCB, Total	0.05	mg/kg	Grid Value	120	Maximum
80	1	SOU080-006	PCB, Total	26	mg/kg	Grid Value	120	Maximum
80	1	SOU080-005	PCB, Total	120	mg/kg	Grid Value	120	Maximum
80	1	SOU080-003	PCB, Total	14.19	mg/kg	Grid Value	120	Maximum
80	1	SOU080-003	Uranium	97.5	mg/kg	Avg	98	Maximum
80	1	SOU080-009	Uranium	97.5	mg/kg	Avg	98	Maximum
80	1	SOU080-008	Uranium	97.5	mg/kg	Avg	98	Maximum
80	1	SOU080-007	Uranium	97.5	mg/kg	Avg	98	Maximum
80	1	SOU080-006	Uranium	98	mg/kg	Grid Value	98	Maximum
80	1	SOU080-004	Uranium	97.5	mg/kg	Avg	98	Maximum
80	1	SOU080-010	Uranium	97.5	mg/kg	Avg	98	Maximum
80	1	SOU080-005	Uranium	97	mg/kg	Grid Value	98	Maximum
80	2	SOU080-002F	Americium-241	3.197975	pCi/g	Avg	6.4	Maximum
80	2	SOU080-002H	Americium-241	3.197975	pCi/g	Avg	6.4	Maximum
80	2	SOU080-002A	Americium-241	3.197975	pCi/g	Avg	6.4	Maximum
80	2	SOU080-002B	Americium-241	3.197975	pCi/g	Avg	6.4	Maximum
80	2	SOU080-002C	Americium-241	-0.00405	pCi/g	Grid Value	6.4	Maximum
80	2	SOU080-002	Americium-241	6.4	pCi/g	Grid Value	6.4	Maximum
80	2	SOU080-002E	Americium-241	3.197975	pCi/g	Avg	6.4	Maximum
80	2	SOU080-002G	Americium-241	3.197975	pCi/g	Avg	6.4	Maximum
80	2	SOU080-002D	Americium-241	3.197975	pCi/g	Avg	6.4	Maximum
80	2	SOU080-002F	Antimony	37.985	mg/kg	Avg	75.7	Maximum
80	2	SOU080-002G	Antimony	37.985	mg/kg	Avg	75.7	Maximum
80	2	SOU080-002E	Antimony	37.985	mg/kg	Avg	75.7	Maximum
80	2	SOU080-002D	Antimony	37.985	mg/kg	Avg	75.7	Maximum
80	2	SOU080-002C	Antimony	0.27	mg/kg	Grid Value	75.7	Maximum
80	2	SOU080-002B	Antimony	37.985	mg/kg	Avg	75.7	Maximum
80	2	SOU080-002A	Antimony	37.985	mg/kg	Avg	75.7	Maximum
80	2	SOU080-002	Antimony	75.7	mg/kg	Grid Value	75.7	Maximum
80	2	SOU080-002H	Antimony	37.985	mg/kg	Avg	75.7	Maximum
80	2	SOU080-002E	Arsenic	10	mg/kg	Grid Value	10.07	Maximum
80	2	SOU080-002A	Arsenic	10	mg/kg	Grid Value	10.07	Maximum
80	2	SOU080-002H	Arsenic	10	mg/kg	Grid Value	10.07	Maximum
80	2	SOU080-002F	Arsenic	10	mg/kg	Grid Value	10.07	Maximum
80	2	SOU080-002D	Arsenic	10	mg/kg	Grid Value	10.07	Maximum
80	2	SOU080-002C	Arsenic	10	mg/kg	Grid Value	10.07	Maximum
80	2	SOU080-002B	Arsenic	10	mg/kg	Grid Value	10.07	Maximum
80	2	SOU080-002	Arsenic	10.07	mg/kg	Grid Value	10.07	Maximum
80	2	SOU080-002G	Arsenic	10	mg/kg	Grid Value	10.07	Maximum
80	2	SOU080-002F	Cesium-137	0.4453	pCi/g	Avg	0.84	Maximum
80	2	SOU080-002A	Cesium-137	0.4453	pCi/g	Avg	0.84	Maximum
80	2	SOU080-002D	Cesium-137	0.4453	pCi/g	Avg	0.84	Maximum
80	2	SOU080-002C	Cesium-137	0.0506	pCi/g	Grid Value	0.84	Maximum

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
80	2	SOU080-002H	Cesium-137	0.4453	pCi/g	Avg	0.84	Maximum
80	2	SOU080-002	Cesium-137	0.84	pCi/g	Grid Value	0.84	Maximum
80	2	SOU080-002G	Cesium-137	0.4453	pCi/g	Avg	0.84	Maximum
80	2	SOU080-002B	Cesium-137	0.4453	pCi/g	Avg	0.84	Maximum
80	2	SOU080-002E	Cesium-137	0.4453	pCi/g	Avg	0.84	Maximum
80	2	SOU080-002A	Chromium	12	mg/kg	Grid Value	165	Maximum
80	2	SOU080-002C	Chromium	14	mg/kg	Grid Value	165	Maximum
80	2	SOU080-002D	Chromium	12	mg/kg	Grid Value	165	Maximum
80	2	SOU080-002E	Chromium	12	mg/kg	Grid Value	165	Maximum
80	2	SOU080-002F	Chromium	12	mg/kg	Grid Value	165	Maximum
80	2	SOU080-002G	Chromium	12	mg/kg	Grid Value	165	Maximum
80	2	SOU080-002H	Chromium	12	mg/kg	Grid Value	165	Maximum
80	2	SOU080-002B	Chromium	12	mg/kg	Grid Value	165	Maximum
80	2	SOU080-002	Chromium	165	mg/kg	Grid Value	165	Maximum
80	2	SOU080-002A	Cobalt	13.35	mg/kg	Avg	19	Maximum
80	2	SOU080-002B	Cobalt	13.35	mg/kg	Avg	19	Maximum
80	2	SOU080-002C	Cobalt	19	mg/kg	Grid Value	19	Maximum
80	2	SOU080-002D	Cobalt	13.35	mg/kg	Avg	19	Maximum
80	2	SOU080-002E	Cobalt	13.35	mg/kg	Avg	19	Maximum
80	2	SOU080-002F	Cobalt	13.35	mg/kg	Avg	19	Maximum
80	2	SOU080-002G	Cobalt	13.35	mg/kg	Avg	19	Maximum
80	2	SOU080-002H	Cobalt	13.35	mg/kg	Avg	19	Maximum
80	2	SOU080-002	Cobalt	7.7	mg/kg	Grid Value	19	Maximum
80	2	SOU080-002E	Iron	30742	mg/kg	Grid Value	35157	Maximum
80	2	SOU080-002A	Iron	29480	mg/kg	Grid Value	35157	Maximum
80	2	SOU080-002B	Iron	28822	mg/kg	Grid Value	35157	Maximum
80	2	SOU080-002	Iron	17317.83	mg/kg	Grid Value	35157	Maximum
80	2	SOU080-002D	Iron	33957	mg/kg	Grid Value	35157	Maximum
80	2	SOU080-002F	Iron	28951	mg/kg	Grid Value	35157	Maximum
80	2	SOU080-002G	Iron	26622	mg/kg	Grid Value	35157	Maximum
80	2	SOU080-002H	Iron	27305	mg/kg	Grid Value	35157	Maximum
80	2	SOU080-002C	Iron	35157	mg/kg	Grid Value	35157	Maximum
80	2	SOU080-002A	Manganese	627	mg/kg	Grid Value	1200	Maximum
80	2	SOU080-002	Manganese	815	mg/kg	Grid Value	1200	Maximum
80	2	SOU080-002H	Manganese	523	mg/kg	Grid Value	1200	Maximum
80	2	SOU080-002G	Manganese	351	mg/kg	Grid Value	1200	Maximum
80	2	SOU080-002F	Manganese	319	mg/kg	Grid Value	1200	Maximum
80	2	SOU080-002E	Manganese	381	mg/kg	Grid Value	1200	Maximum
80	2	SOU080-002D	Manganese	433	mg/kg	Grid Value	1200	Maximum
80	2	SOU080-002C	Manganese	1200	mg/kg	Grid Value	1200	Maximum
80	2	SOU080-002B	Manganese	547	mg/kg	Grid Value	1200	Maximum
80	2	SOU080-002C	Neptunium-237	-0.00415	pCi/g	Grid Value	0.505	Maximum
80	2	SOU080-002	Neptunium-237	0.505	pCi/g	Grid Value	0.505	Maximum
80	2	SOU080-002B	Neptunium-237	0.250425	pCi/g	Avg	0.505	Maximum
80	2	SOU080-002D	Neptunium-237	0.250425	pCi/g	Avg	0.505	Maximum
80	2	SOU080-002E	Neptunium-237	0.250425	pCi/g	Avg	0.505	Maximum
80	2	SOU080-002F	Neptunium-237	0.250425	pCi/g	Avg	0.505	Maximum
80	2	SOU080-002G	Neptunium-237	0.250425	pCi/g	Avg	0.505	Maximum

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
80	2	SOU080-002H	Neptunium-237	0.250425	pCi/g	Avg	0.505	Maximum
80	2	SOU080-002A	Neptunium-237	0.250425	pCi/g	Avg	0.505	Maximum
80	2	SOU080-002D	PAH, Total	0.529465	mg/kg	Avg	0.72143	Maximum
80	2	SOU080-002H	PAH, Total	0.529465	mg/kg	Avg	0.72143	Maximum
80	2	SOU080-002G	PAH, Total	0.529465	mg/kg	Avg	0.72143	Maximum
80	2	SOU080-002E	PAH, Total	0.529465	mg/kg	Avg	0.72143	Maximum
80	2	SOU080-002B	PAH, Total	0.529465	mg/kg	Avg	0.72143	Maximum
80	2	SOU080-002A	PAH, Total	0.529465	mg/kg	Avg	0.72143	Maximum
80	2	SOU080-002	PAH, Total	0.72143	mg/kg	Grid Value	0.72143	Maximum
80	2	SOU080-002F	PAH, Total	0.529465	mg/kg	Avg	0.72143	Maximum
80	2	SOU080-002C	PAH, Total	0.3375	mg/kg	Grid Value	0.72143	Maximum
80	2	SOU080-002D	PCB, Total	5.4	mg/kg	Grid Value	12.6	Maximum
80	2	SOU080-002A	PCB, Total	5	mg/kg	Grid Value	12.6	Maximum
80	2	SOU080-002C	PCB, Total	0.43	mg/kg	Grid Value	12.6	Maximum
80	2	SOU080-002	PCB, Total	8.7	mg/kg	Grid Value	12.6	Maximum
80	2	SOU080-002E	PCB, Total	12.6	mg/kg	Grid Value	12.6	Maximum
80	2	SOU080-002F	PCB, Total	5	mg/kg	Grid Value	12.6	Maximum
80	2	SOU080-002G	PCB, Total	5	mg/kg	Grid Value	12.6	Maximum
80	2	SOU080-002H	PCB, Total	5	mg/kg	Grid Value	12.6	Maximum
80	2	SOU080-002B	PCB, Total	0.11	mg/kg	Grid Value	12.6	Maximum
80	2	SOU080-002D	Uranium	183	mg/kg	Grid Value	5724	Maximum
80	2	SOU080-002A	Uranium	10	mg/kg	Grid Value	5724	Maximum
80	2	SOU080-002B	Uranium	10	mg/kg	Grid Value	5724	Maximum
80	2	SOU080-002C	Uranium	9.4	mg/kg	Grid Value	5724	Maximum
80	2	SOU080-002E	Uranium	88	mg/kg	Grid Value	5724	Maximum
80	2	SOU080-002F	Uranium	10	mg/kg	Grid Value	5724	Maximum
80	2	SOU080-002G	Uranium	10	mg/kg	Grid Value	5724	Maximum
80	2	SOU080-002	Uranium	5724	mg/kg	Grid Value	5724	Maximum
80	2	SOU080-002H	Uranium	10	mg/kg	Grid Value	5724	Maximum
80	2	SOU080-002H	Uranium-234	115.11	pCi/g	Avg	229	Maximum
80	2	SOU080-002G	Uranium-234	115.11	pCi/g	Avg	229	Maximum
80	2	SOU080-002B	Uranium-234	115.11	pCi/g	Avg	229	Maximum
80	2	SOU080-002F	Uranium-234	115.11	pCi/g	Avg	229	Maximum
80	2	SOU080-002C	Uranium-234	1.22	pCi/g	Grid Value	229	Maximum
80	2	SOU080-002A	Uranium-234	115.11	pCi/g	Avg	229	Maximum
80	2	SOU080-002	Uranium-234	229	pCi/g	Grid Value	229	Maximum
80	2	SOU080-002D	Uranium-234	115.11	pCi/g	Avg	229	Maximum
80	2	SOU080-002E	Uranium-234	115.11	pCi/g	Avg	229	Maximum
80	2	SOU080-002G	Uranium-235	15.0473	pCi/g	Avg	30	Maximum
80	2	SOU080-002H	Uranium-235	15.0473	pCi/g	Avg	30	Maximum
80	2	SOU080-002F	Uranium-235	15.0473	pCi/g	Avg	30	Maximum
80	2	SOU080-002E	Uranium-235	15.0473	pCi/g	Avg	30	Maximum
80	2	SOU080-002D	Uranium-235	15.0473	pCi/g	Avg	30	Maximum
80	2	SOU080-002C	Uranium-235	0.0946	pCi/g	Grid Value	30	Maximum
80	2	SOU080-002B	Uranium-235	15.0473	pCi/g	Avg	30	Maximum
80	2	SOU080-002A	Uranium-235	15.0473	pCi/g	Avg	30	Maximum
80	2	SOU080-002	Uranium-235	30	pCi/g	Grid Value	30	Maximum
80	2	SOU080-002A	Uranium-238	962.21	pCi/g	Avg	1921	Maximum

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
80	2	SOU080-002B	Uranium-238	962.21	pCi/g	Avg	1921	Maximum
80	2	SOU080-002C	Uranium-238	3.42	pCi/g	Grid Value	1921	Maximum
80	2	SOU080-002D	Uranium-238	962.21	pCi/g	Avg	1921	Maximum
80	2	SOU080-002E	Uranium-238	962.21	pCi/g	Avg	1921	Maximum
80	2	SOU080-002F	Uranium-238	962.21	pCi/g	Avg	1921	Maximum
80	2	SOU080-002G	Uranium-238	962.21	pCi/g	Avg	1921	Maximum
80	2	SOU080-002H	Uranium-238	962.21	pCi/g	Avg	1921	Maximum
80	2	SOU080-002	Uranium-238	1921	pCi/g	Grid Value	1921	Maximum
80	2	SOU080-002F	Vanadium	113	mg/kg	Grid Value	129	Maximum
80	2	SOU080-002G	Vanadium	101	mg/kg	Grid Value	129	Maximum
80	2	SOU080-002E	Vanadium	129	mg/kg	Grid Value	129	Maximum
80	2	SOU080-002D	Vanadium	125	mg/kg	Grid Value	129	Maximum
80	2	SOU080-002C	Vanadium	129	mg/kg	Grid Value	129	Maximum
80	2	SOU080-002B	Vanadium	114	mg/kg	Grid Value	129	Maximum
80	2	SOU080-002A	Vanadium	111	mg/kg	Grid Value	129	Maximum
80	2	SOU080-002	Vanadium	28.2	mg/kg	Grid Value	129	Maximum
80	2	SOU080-002H	Vanadium	111	mg/kg	Grid Value	129	Maximum
80	3	SOU080-001L	Antimony	96.01	mg/kg	Grid Value	99.89	UCL95
80	3	SOU080-001A	Antimony	32.12333	mg/kg	Avg	99.89	UCL95
80	3	SOU080-001R	Antimony	32.12333	mg/kg	Avg	99.89	UCL95
80	3	SOU080-001Q	Antimony	32.12333	mg/kg	Avg	99.89	UCL95
80	3	SOU080-001O	Antimony	32.12333	mg/kg	Avg	99.89	UCL95
80	3	SOU080-001N	Antimony	0.16	mg/kg	Grid Value	99.89	UCL95
80	3	SOU080-001M	Antimony	32.12333	mg/kg	Avg	99.89	UCL95
80	3	SOU080-001E	Antimony	32.12333	mg/kg	Avg	99.89	UCL95
80	3	SOU080-001D	Antimony	0.2	mg/kg	Grid Value	99.89	UCL95
80	3	SOU080-001C	Antimony	32.12333	mg/kg	Avg	99.89	UCL95
80	3	SOU080-001B	Antimony	32.12333	mg/kg	Avg	99.89	UCL95
80	3	SOU080-001S	Antimony	32.12333	mg/kg	Avg	99.89	UCL95
80	3	SOU080-001R	Arsenic	10	mg/kg	Grid Value	10.44	UCL95
80	3	SOU080-001Q	Arsenic	10	mg/kg	Grid Value	10.44	UCL95
80	3	SOU080-001O	Arsenic	10	mg/kg	Grid Value	10.44	UCL95
80	3	SOU080-001N	Arsenic	7.9	mg/kg	Grid Value	10.44	UCL95
80	3	SOU080-001M	Arsenic	10	mg/kg	Grid Value	10.44	UCL95
80	3	SOU080-001L	Arsenic	11.95	mg/kg	Grid Value	10.44	UCL95
80	3	SOU080-001E	Arsenic	10	mg/kg	Grid Value	10.44	UCL95
80	3	SOU080-001D	Arsenic	10	mg/kg	Grid Value	10.44	UCL95
80	3	SOU080-001C	Arsenic	10	mg/kg	Grid Value	10.44	UCL95
80	3	SOU080-001B	Arsenic	10	mg/kg	Grid Value	10.44	UCL95
80	3	SOU080-001A	Arsenic	10	mg/kg	Grid Value	10.44	UCL95
80	3	SOU080-001S	Arsenic	10	mg/kg	Grid Value	10.44	UCL95
80	3	SOU080-001E	Cadmium	5.960667	mg/kg	Avg	18.4	UCL95
80	3	SOU080-001S	Cadmium	5.960667	mg/kg	Avg	18.4	UCL95
80	3	SOU080-001R	Cadmium	5.960667	mg/kg	Avg	18.4	UCL95
80	3	SOU080-001Q	Cadmium	5.960667	mg/kg	Avg	18.4	UCL95
80	3	SOU080-001O	Cadmium	5.960667	mg/kg	Avg	18.4	UCL95
80	3	SOU080-001N	Cadmium	0.022	mg/kg	Grid Value	18.4	UCL95
80	3	SOU080-001L	Cadmium	17.69	mg/kg	Grid Value	18.4	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
80	3	SOU080-001D	Cadmium	0.17	mg/kg	Grid Value	18.4	UCL95
80	3	SOU080-001C	Cadmium	5.960667	mg/kg	Avg	18.4	UCL95
80	3	SOU080-001B	Cadmium	5.960667	mg/kg	Avg	18.4	UCL95
80	3	SOU080-001A	Cadmium	5.960667	mg/kg	Avg	18.4	UCL95
80	3	SOU080-001M	Cadmium	5.960667	mg/kg	Avg	18.4	UCL95
80	3	SOU080-001R	Iron	34475	mg/kg	Grid Value	34086	UCL95
80	3	SOU080-001B	Iron	26824	mg/kg	Grid Value	34086	UCL95
80	3	SOU080-001A	Iron	27207	mg/kg	Grid Value	34086	UCL95
80	3	SOU080-001O	Iron	31980	mg/kg	Grid Value	34086	UCL95
80	3	SOU080-001N	Iron	31749	mg/kg	Grid Value	34086	UCL95
80	3	SOU080-001M	Iron	37031	mg/kg	Grid Value	34086	UCL95
80	3	SOU080-001L	Iron	15150.78	mg/kg	Grid Value	34086	UCL95
80	3	SOU080-001S	Iron	41269	mg/kg	Grid Value	34086	UCL95
80	3	SOU080-001E	Iron	31491	mg/kg	Grid Value	34086	UCL95
80	3	SOU080-001D	Iron	27506	mg/kg	Grid Value	34086	UCL95
80	3	SOU080-001C	Iron	28925	mg/kg	Grid Value	34086	UCL95
80	3	SOU080-001Q	Iron	34820	mg/kg	Grid Value	34086	UCL95
80	3	SOU080-001A	Manganese	393	mg/kg	Grid Value	1001	UCL95
80	3	SOU080-001R	Manganese	512	mg/kg	Grid Value	1001	UCL95
80	3	SOU080-001Q	Manganese	2066	mg/kg	Grid Value	1001	UCL95
80	3	SOU080-001O	Manganese	493	mg/kg	Grid Value	1001	UCL95
80	3	SOU080-001N	Manganese	530	mg/kg	Grid Value	1001	UCL95
80	3	SOU080-001M	Manganese	1072	mg/kg	Grid Value	1001	UCL95
80	3	SOU080-001L	Manganese	349.92	mg/kg	Grid Value	1001	UCL95
80	3	SOU080-001E	Manganese	783	mg/kg	Grid Value	1001	UCL95
80	3	SOU080-001D	Manganese	805	mg/kg	Grid Value	1001	UCL95
80	3	SOU080-001C	Manganese	1140	mg/kg	Grid Value	1001	UCL95
80	3	SOU080-001B	Manganese	420	mg/kg	Grid Value	1001	UCL95
80	3	SOU080-001S	Manganese	363	mg/kg	Grid Value	1001	UCL95
80	3	SOU080-001E	Mercury	40	mg/kg	Grid Value	79.77	UCL95
80	3	SOU080-001S	Mercury	40	mg/kg	Grid Value	79.77	UCL95
80	3	SOU080-001R	Mercury	40	mg/kg	Grid Value	79.77	UCL95
80	3	SOU080-001Q	Mercury	40	mg/kg	Grid Value	79.77	UCL95
80	3	SOU080-001O	Mercury	40	mg/kg	Grid Value	79.77	UCL95
80	3	SOU080-001N	Mercury	0.033	mg/kg	Grid Value	79.77	UCL95
80	3	SOU080-001L	Mercury	6.88	mg/kg	Grid Value	79.77	UCL95
80	3	SOU080-001D	Mercury	0.042	mg/kg	Grid Value	79.77	UCL95
80	3	SOU080-001C	Mercury	40	mg/kg	Grid Value	79.77	UCL95
80	3	SOU080-001B	Mercury	40	mg/kg	Grid Value	79.77	UCL95
80	3	SOU080-001A	Mercury	40	mg/kg	Grid Value	79.77	UCL95
80	3	SOU080-001M	Mercury	40	mg/kg	Grid Value	79.77	UCL95
80	3	SOU080-001Q	Molybdenum	3	mg/kg	Grid Value	35.55	UCL95
80	3	SOU080-001N	Molybdenum	35	mg/kg	Grid Value	35.55	UCL95
80	3	SOU080-001O	Molybdenum	3	mg/kg	Grid Value	35.55	UCL95
80	3	SOU080-001L	Molybdenum	15	mg/kg	Grid Value	35.55	UCL95
80	3	SOU080-001E	Molybdenum	3	mg/kg	Grid Value	35.55	UCL95
80	3	SOU080-001D	Molybdenum	0.67	mg/kg	Grid Value	35.55	UCL95
80	3	SOU080-001R	Molybdenum	3	mg/kg	Grid Value	35.55	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
80	3	SOU080-001C	Molybdenum	3	mg/kg	Grid Value	35.55	UCL95
80	3	SOU080-001B	Molybdenum	37	mg/kg	Grid Value	35.55	UCL95
80	3	SOU080-001A	Molybdenum	46	mg/kg	Grid Value	35.55	UCL95
80	3	SOU080-001S	Molybdenum	3	mg/kg	Grid Value	35.55	UCL95
80	3	SOU080-001M	Molybdenum	25	mg/kg	Grid Value	35.55	UCL95
80	3	SOU080-001B	PAH, Total	0.292215	mg/kg	Avg	0.446	UCL95
80	3	SOU080-001A	PAH, Total	0.292215	mg/kg	Avg	0.446	UCL95
80	3	SOU080-001C	PAH, Total	0.292215	mg/kg	Avg	0.446	UCL95
80	3	SOU080-001D	PAH, Total	0.57948	mg/kg	Grid Value	0.446	UCL95
80	3	SOU080-001E	PAH, Total	0.292215	mg/kg	Avg	0.446	UCL95
80	3	SOU080-001L	PAH, Total	0.292215	mg/kg	Avg	0.446	UCL95
80	3	SOU080-001M	PAH, Total	0.292215	mg/kg	Avg	0.446	UCL95
80	3	SOU080-001N	PAH, Total	0.00495	mg/kg	Grid Value	0.446	UCL95
80	3	SOU080-001O	PAH, Total	0.292215	mg/kg	Avg	0.446	UCL95
80	3	SOU080-001Q	PAH, Total	0.292215	mg/kg	Avg	0.446	UCL95
80	3	SOU080-001R	PAH, Total	0.292215	mg/kg	Avg	0.446	UCL95
80	3	SOU080-001S	PAH, Total	0.292215	mg/kg	Avg	0.446	UCL95
80	3	SOU080-001O	PCB, Total	50	mg/kg	Grid Value	567.9	UCL95
80	3	SOU080-001B	PCB, Total	0.38	mg/kg	Grid Value	567.9	UCL95
80	3	SOU080-001D	PCB, Total	475	mg/kg	Grid Value	567.9	UCL95
80	3	SOU080-001E	PCB, Total	10	mg/kg	Grid Value	567.9	UCL95
80	3	SOU080-001L	PCB, Total	0.05	mg/kg	Grid Value	567.9	UCL95
80	3	SOU080-001N	PCB, Total	0.019	mg/kg	Grid Value	567.9	UCL95
80	3	SOU080-001A	PCB, Total	0.108	mg/kg	Grid Value	567.9	UCL95
80	3	SOU080-001Q	PCB, Total	9.208	mg/kg	Grid Value	567.9	UCL95
80	3	SOU080-001R	PCB, Total	5	mg/kg	Grid Value	567.9	UCL95
80	3	SOU080-001S	PCB, Total	5	mg/kg	Grid Value	567.9	UCL95
80	3	SOU080-001M	PCB, Total	5	mg/kg	Grid Value	567.9	UCL95
80	3	SOU080-001C	PCB, Total	0.081	mg/kg	Grid Value	567.9	UCL95
80	3	SOU080-001M	Uranium	10	mg/kg	Grid Value	73.24	UCL95
80	3	SOU080-001A	Uranium	10	mg/kg	Grid Value	73.24	UCL95
80	3	SOU080-001B	Uranium	10	mg/kg	Grid Value	73.24	UCL95
80	3	SOU080-001C	Uranium	10	mg/kg	Grid Value	73.24	UCL95
80	3	SOU080-001D	Uranium	108	mg/kg	Grid Value	73.24	UCL95
80	3	SOU080-001L	Uranium	10.79	mg/kg	Grid Value	73.24	UCL95
80	3	SOU080-001N	Uranium	4.5	mg/kg	Grid Value	73.24	UCL95
80	3	SOU080-001O	Uranium	10	mg/kg	Grid Value	73.24	UCL95
80	3	SOU080-001Q	Uranium	10	mg/kg	Grid Value	73.24	UCL95
80	3	SOU080-001R	Uranium	10	mg/kg	Grid Value	73.24	UCL95
80	3	SOU080-001S	Uranium	10	mg/kg	Grid Value	73.24	UCL95
80	3	SOU080-001E	Uranium	105	mg/kg	Grid Value	73.24	UCL95
80	3	SOU080-001A	Uranium-238	2.67	pCi/g	Avg	2.909	UCL95
80	3	SOU080-001S	Uranium-238	2.67	pCi/g	Avg	2.909	UCL95
80	3	SOU080-001R	Uranium-238	2.67	pCi/g	Avg	2.909	UCL95
80	3	SOU080-001Q	Uranium-238	2.67	pCi/g	Avg	2.909	UCL95
80	3	SOU080-001O	Uranium-238	2.67	pCi/g	Avg	2.909	UCL95
80	3	SOU080-001N	Uranium-238	1.59	pCi/g	Grid Value	2.909	UCL95
80	3	SOU080-001M	Uranium-238	2.67	pCi/g	Avg	2.909	UCL95

Table D.7. Subsurface Grid Values (Continued)

SWMU	EU	Grid	Chemical	Grid Value	Units	Value Derived from	EPC	Calculate EPC from
80	3	SOU080-001L	Uranium-238	2.67	pCi/g	Avg	2.909	UCL95
80	3	SOU080-001E	Uranium-238	2.67	pCi/g	Avg	2.909	UCL95
80	3	SOU080-001D	Uranium-238	3.75	pCi/g	Grid Value	2.909	UCL95
80	3	SOU080-001C	Uranium-238	2.67	pCi/g	Avg	2.909	UCL95
80	3	SOU080-001B	Uranium-238	2.67	pCi/g	Avg	2.909	UCL95
80	3	SOU080-001A	Vanadium	138	mg/kg	Grid Value	126.7	UCL95
80	3	SOU080-001Q	Vanadium	120	mg/kg	Grid Value	126.7	UCL95
80	3	SOU080-001O	Vanadium	133	mg/kg	Grid Value	126.7	UCL95
80	3	SOU080-001N	Vanadium	103	mg/kg	Grid Value	126.7	UCL95
80	3	SOU080-001M	Vanadium	116	mg/kg	Grid Value	126.7	UCL95
80	3	SOU080-001L	Vanadium	70	mg/kg	Grid Value	126.7	UCL95
80	3	SOU080-001S	Vanadium	119	mg/kg	Grid Value	126.7	UCL95
80	3	SOU080-001E	Vanadium	120	mg/kg	Grid Value	126.7	UCL95
80	3	SOU080-001D	Vanadium	123	mg/kg	Grid Value	126.7	UCL95
80	3	SOU080-001C	Vanadium	137	mg/kg	Grid Value	126.7	UCL95
80	3	SOU080-001B	Vanadium	125	mg/kg	Grid Value	126.7	UCL95
80	3	SOU080-001R	Vanadium	97	mg/kg	Grid Value	126.7	UCL95