			Tie	er 1 Remedial (Objectives - S	oil						B-814	B-822	B-501	B-502	B-503	B-504	B-505	B-506
									Soil Component			B-814 (0.0-2.0)	B-822 (1.0-3.0)	B-501-2	B-502-3	B-503-3	B-504-3	B-505-3	B-506-3
		Ingestion			Inhalation		Indoor I	nhalation	to Groundwater	MSA		4/1/2008	4/1/2008	7/13/2004	7/13/2004	7/13/2004	7/13/2004	7/14/2004	7/22/2004
CONSTITUENT	Residential	Commercial	Construction	Residential	Commercial	Construction	Residential	Commercial	(Class I)*	Background	UNITS	0.0-2.0	1.0-3.0	1'-2'	2'-3'	2'-3'	2'-3'	2'-3'	2'-3'
Arsenic	13.0	13.0	61.0	750	1,200	25,000			30	13	(mg/kg)	5.29	3.45	9.28	58.5	8.31	15.4	4.5	14.7
Barium	5,500	140,000	14,000	690,000	910,000	870,000			1,800	110	(mg/kg)			143	58.3	99.6	152	27.1	113
Cadmium	78	2,000	200	1,800	2,800	59,000			59	0.6	(mg/kg)			0.28	0.5	0.3	1.68	0.58	0.14
Chromium	230	6,100	4,100	270	420	690			32	16.2	(mg/kg)	23.4	24.9	19.6	8.81	18.1	13.6	12.6	15.7
Copper	2,900	82,000	8,200						330,000	19.60	(mg/kg)								
Cyanide ^(a)	1,600	41,000	4,100						40	0.51	(mg/kg)	<0.92	<6.24	1.38	1.02	11.7	55.5	25.2	2.31
Iron										15,900	(mg/kg)								
Lead	400	800	700						107	36	(mg/kg)	53.3	17.3	58	21.7	202	221	552	177
Manganese	1,600	41,000	4,100	69,000	91,000	8,700				636	(mg/kg)								
Mercury	23	610	61	10	16	0.10	0.45	0.45	6.4	0.06	(mg/kg)			0.215	0.037	0.167	0.338	0.061	0.695
Nickel	1,600	41,000	4,100	13,000	21,000	440,000			700	18	(mg/kg)								
Selenium	390	10,000	1,000						3.3	0.48	(mg/kg)			<4.00	<3.85	<4.00	<3.92	<4.00	<3.85
Silver	390	10,000	1,000						39	0.55	(mg/kg)			<1.00	<0.96	<1.00	<0.98	<1.00	<0.96
Zinc	23,000	610,000	61,000						16,000	95	(mg/kg)								

Notes:

mg/kg Milligrams per kilogram

(a) Remedial objectives are for amenable cyanide.

----- No remediation objective has been established by the IEPA for this constituent for this exposure route

<12 Not detected at the level identified

* Based on an average pH of 7.50 for the site

Analytical result exceeds one or more Tier 1 RO

<0.05 Detection limit greater than RO due to dilution

			Tie	r 1 Remedial	Objectives - S	oil						B-507	B-508	B-509	B-510	B-512	B-513	B-514	B-515
									Soil Component					B-509-3	B-510-2	B-512-3	B-513-2	B-514-3	B-515-2
		Ingestion			<u>Inhalation</u>		Indoor li	nhalation	to Groundwater	MSA		7/21/2004	7/19/2004	7/21/2004	7/12/2004	7/12/2004	7/12/2004	7/22/2004	7/16/2004
CONSTITUENT	Residential	Commercial	Construction	Residential	Commercial	Construction	Residential	Commercial	(Class I)*	Background	UNITS	0-1'	2'-3'	2'-3'	1'-2'	2'-3'	1'-2'	2'-3'	1'-2'
Arsenic	13.0	13.0	61.0	750	1,200	25,000			30	13	(mg/kg)	10.1	22.5	13	10.8	21.6	13.6	11.3	11.5
Barium	5,500	140,000	14,000	690,000	910,000	870,000			1,800	110	(mg/kg)	141	96.4	184	84.6	98	129	128	136
Cadmium	78	2,000	200	1,800	2,800	59,000			59	0.6	(mg/kg)	0.22	0.55	1.03	0.58	1.01	0.36	0.29	0.36
Chromium	230	6,100	4,100	270	420	690			32	16.2	(mg/kg)	16	13.2	18.3	16	26.7	22.4	15.7	14
Copper	2,900	82,000	8,200						330,000	19.60	(mg/kg)								
Cyanide ^(a)	1,600	41,000	4,100						40	0.51	(mg/kg)	2.15	2.51	2.74	6.43	68.4	17	16.6	3.68
Iron										15,900	(mg/kg)								
Lead	400	800	700						107	36	(mg/kg)	60.8	49.8	164	128	158	470	113	36.1
Manganese	1,600	41,000	4,100	69,000	91,000	8,700				636	(mg/kg)								
Mercury	23	610	61	10	16	0.10	0.45	0.45	6.4	0.06	(mg/kg)	0.084	0.174	0.252	0.432	0.291	0.352	4.2	0.091
Nickel	1,600	41,000	4,100	13,000	21,000	440,000			700	18	(mg/kg)								
Selenium	390	10,000	1,000						3.3	0.48	(mg/kg)	<3.85	<3.85	<4.00	<3.85	<3.92	<4.00	<3.85	<3.77
Silver	390	10,000	1,000						39	0.55	(mg/kg)	<0.96	<0.96	<1.00	<0.96	<0.98	<1.00	<0.96	<0.94
Zinc	23,000	610,000	61,000						16,000	95	(mg/kg)								

Notes:

Milligrams per kilogram mg/kg

(a)

Remedial objectives are for amenable cyanide. No remediation objective has been established by the IEPA for this constituent for this exposure route _____

Not detected at the level identified <12

* Based on an average pH of 7.50 for the site

Analytical result exceeds one or more Tier 1 RO

<0.05 Detection limit greater than RO due to dilution

			Tie	er 1 Remedial	Objectives - S	oil						B-516	B-550	B-551	B-553	B-554	B-556	B-557	CSS-3
								Soil Component					B-550-3	B-551-3	B-553-3	B-554-3	B-556-3	B-557-1	
		Ingestion			Inhalation		Indoor li	nhalation	to Groundwater	MSA		7/22/2004	7/20/2004	7/15/2004	7/14/2004	7/15/2004	7/20/2004	7/20/2004	12/18/1990
CONSTITUENT	Residential	Commercial	Construction	Residential	Commercial	Construction	Residential	Commercial	(Class I)*	Background	UNITS	2'-3'	2'-3'	2'-3'	2'-3'	2'-3'	2'-3'	0-1'	0-6"
Arsenic	13.0	13.0	61.0	750	1,200	25,000			30	13	(mg/kg)	28.7	11.6	10.7	<2.40	19.3	2.2	9.68	3
Barium	5,500	140,000	14,000	690,000	910,000	870,000			1,800	110	(mg/kg)	134	45.6	60.5	20.1	207	59.8	102	82
Cadmium	78	2,000	200	1,800	2,800	59,000			59	0.6	(mg/kg)	1.36	2.04	0.39	<0.19	0.97	0.13	0.59	1
Chromium	230	6,100	4,100	270	420	690			32	16.2	(mg/kg)	40.3	22.3	10.3	7.23	16.3	9.54	15.6	6
Copper	2,900	82,000	8,200						330,000	19.60	(mg/kg)								17
Cyanide ^(a)	1,600	41,000	4,100						40	0.51	(mg/kg)	41.6	9.82	3	1.81	3.01	2.98	1.01	7
Iron										15,900	(mg/kg)								14000
Lead	400	800	700						107	36	(mg/kg)	165	32.1	50.6	8.5	252	55.7	184	80
Manganese	1,600	41,000	4,100	69,000	91,000	8,700				636	(mg/kg)								830
Mercury	23	610	61	10	16	0.10	0.45	0.45	6.4	0.06	(mg/kg)	0.491	0.076	0.281	0.005	0.076	0.075	0.133	
Nickel	1,600	41,000	4,100	13,000	21,000	440,000			700	18	(mg/kg)								12
Selenium	390	10,000	1,000						3.3	0.48	(mg/kg)	<4.00	<4.00	<3.92	<3.85	<3.64	<3.85	<3.85	
Silver	390	10,000	1,000						39	0.55	(mg/kg)	<1.00	<1.00	<0.98	<0.96	<0.91	<0.96	<0.96	
Zinc	23,000	610,000	61,000						16,000	95	(mg/kg)								74

Notes:

Milligrams per kilogram mg/kg

(a)

Remedial objectives are for amenable cyanide. No remediation objective has been established by the IEPA for this constituent for this exposure route _____

Not detected at the level identified <12

* Based on an average pH of 7.50 for the site

Analytical result exceeds one or more Tier 1 RO

<0.05 Detection limit greater than RO due to dilution

			Tie	er 1 Remedial (Objectives - Se	oil						CSS-4	CSS-5	UTP-01	UTP-02	UTP-03	UTP-04	UTP-08	UTP-09
					-				Soil Component										
		Ingestion			Inhalation		<u>Indoor Ir</u>	nhalation	to Groundwater	<u>MSA</u>		12/18/1990	12/19/1990	12/17/1991	12/17/1991	12/17/1991	12/17/1991	12/17/1991	12/17/1991
CONSTITUENT	Residential	Commercial	Construction	Residential	Commercial	Construction	Residential	Commercial	(Class I)*	<u>Background</u>	UNITS	0-6"	0-6"	1	1.25	1.42	1	1	0.83
Arsenic	13.0	13.0	61.0	750	1,200	25,000			30	13	(mg/kg)	5	5	6	9	9	15	4	21
Barium	5,500	140,000	14,000	690,000	910,000	870,000			1,800	110	(mg/kg)	69	91	100	110	99	61	120	120
Cadmium	78	2,000	200	1,800	2,800	59,000			59	0.6	(mg/kg)	1	<0.5	1	1	1	1	<0.5	<0.5
Chromium	230	6,100	4,100	270	420	690			32	16.2	(mg/kg)	7	13	15	37	13	19	30	26
Copper	2,900	82,000	8,200						330,000	19.60	(mg/kg)	19	10	10	92	41	18	260	38
Cyanide ^(a)	1,600	41,000	4,100						40	0.51	(mg/kg)	2	<0.25	2	33	33	2900	620	3800
Iron										15,900	(mg/kg)	12000	15000	13000	16000	9500	46000	100000	110000
Lead	400	800	700						107	36	(mg/kg)	200	20	18	130	47	300	11000	1800
Manganese	1,600	41,000	4,100	69,000	91,000	8,700				636	(mg/kg)	630	530	730	71	340	170	430	330
Mercury	23	610	61	10	16	0.10	0.45	0.45	6.4	0.06	(mg/kg)	3	<0.4	<0.13	1		1	3	1
Nickel	1,600	41,000	4,100	13,000	21,000	440,000			700	18	(mg/kg)	10	14	15	8	11	8	12	10
Selenium	390	10,000	1,000						3.3	0.48	(mg/kg)								
Silver	390	10,000	1,000						39	0.55	(mg/kg)								
Zinc	23,000	610,000	61,000						16,000	95	(mg/kg)	95	47	41	64	89	46	230	110

Notes:

Milligrams per kilogram mg/kg

(a)

Remedial objectives are for amenable cyanide. No remediation objective has been established by the IEPA for this constituent for this exposure route _____

Not detected at the level identified <12

* Based on an average pH of 7.50 for the site

Analytical result exceeds one or more Tier 1 RO

<0.05 Detection limit greater than RO due to dilution