Sample Number	Sample Identity	Type	Depth (m)	Arsenic	Chromium	Copper	Nickel	Lead	Total Sulphate by ICP	Zinc	Acid Soluble Sulphid	Complex Cyanide	Thiocyanate	PAH total 16 GC	Total Phenols HPLC	Cadmium by IRIS	Mercury by IRIS	Selenium by IRIS	Total Organic Matter	pH Value In Soil
Units				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	
Method Detection Limit				<1	<1	<1	<1	<1	<50	<1	<10	<2.5	<1	<1.6	<0.01	<0.5	<0.3	<0.5	<0.01	<1.00
	Maximum			**0**	**719**	**252**	**2097**	**563**	**13000**	**727**	**595**	**0**	**21**	**323**	**183.72**	**2.3**	**1.8**	**0**	**70.77**	**12.45**
27	MSW1	Dark grey granular cover materials with waste (ash? and crushed limestone)	0.00-50.00	<1	18	166	38	479	3400	493	<10	<2.5	1	25	<0.01	1.1	<0.3	<0.5	6.32	7.58
30	MSW2	Decomposing domestic waste	0.00-50.00	<1	18	34	21	563	4000	224	<10	<2.5	6	3	1.63	0.7	<0.3	<0.5	2.25	7.79
33	MSW3	Black/grey organic sludge with strong odour	0.00-50.00	<1	64	185	21	76	6900	609	595	<2.5	12	59	0.78	0.8	<0.3	<0.5	11.85	7.58
36	MSW4	grey/dark brown sludge with strong odour	0.00-50.00	<1	13	26	7	6	1100	74	84	<2.5	3	32	1.85	<0.5	<0.3	<0.5	3.83	7.9
39	MSW5	Light grey surface cover material	0.00-50.00	<1	15	8	16	5	1400	34	20	<2.5	1	7	0.11	<0.5	<0.3	<0.5	0.38	7.64
42	MSW6	Dark brown vent exudate	0.00-50.00	<1	12	18	14	32	2700	61	<10	<2.5	2	<1.6	<0.01	<0.5	<0.3	<0.5	0.91	7.53
45	MSW7	Surface cover	0.00-50.00	<1	10	6	11	19	2300	34	<10	<2.5	21	323	183.72	<0.5	1.8	<0.5	4.4	6.87
47	MSW8	Surface cover from bulldozer access track	0.00-50.00	<1	21	20	19	41	2600	89	<10	<2.5	2	3	0.9	<0.5	<0.3	<0.5	0.65	7.73
50	MSW9	Pale blue dried slurry/filter cake	0.00-50.00	<1	6	27	7	2	3800	10	<10	<2.5	6	<1.6	0.19	<0.5	<0.3	<0.5	1	12.45
53	MSW10	Daily cover with domestic waste	0.00-50.00	<1	16	32	16	98	2400	189	<10	<2.5	2	4	0.02	<0.5	0.4	<0.5	1.21	7.37
56	MSW11	Daily cover with domestic waste	0.00-50.00	<1	20	48	18	82	4400	131	<10	<2.5	3	2	0.01	0.5	<0.3	<0.5	2.32	7.36
59	MSW12	Daily cover	0.00-50.00	<1	16	12	17	10	2100	35	<10	<2.5	<1	<1.6	<0.01	<0.5	<0.3	<0.5	0.93	8.43
62	MSW13	Grey silt (dried slurry)	0.00-50.00	<1	15	3	7	2	3600	12	<10	<2.5	<1	2	<0.01	<0.5	<0.3	<0.5	0.23	7.78
65	MSW14	Recently burnt waste	0.00-50.00	<1	18	18	18	121	2500	71	<10	<2.5	12	14	1.29	<0.5	0.4	<0.5	1.21	7.81
68	MSW15	Surface staining of cover associated with burning	0.00-50.00	<1	12	8	12	13	1800	33	<10	<2.5	4	<1.6	11.57	<0.5	<0.3	<0.5	0.52	7.19
71	MSW16	Pale grey dried sludge	0.00-50.00	<1	8	4	8	4	4000	15	<10	<2.5	<1	<1.6	0.86	<0.5	<0.3	<0.5	0.97	8.18
74	MSW17	Pale grey/pink sludge from lower slurry lagoon.	0.00-50.00	<1	719	252	34	205	7100	727	69	<2.5	2	2	0.11	0.7	<0.3	<0.5	3.87	7.47
77	MSW18	Pink ochre silt	0.00-50.00	<1	17	20	18	27	1400	79	<10	<2.5	<1	2	0.03	<0.5	<0.3	<0.5	0.41	8.04
80	MSW19	Black sooty material in crushed drum	0.00-50.00	<1	16	141	21	248	10000	442	12	<2.5	<1	3	0.02	0.7	<0.3	<0.5	2.67	8.06
83	MSW20	Old ashy degraded waste and plastic	0.00-50.00	<1	21	15	2097	32	13000	159	<10	<2.5	2	<1.6	0.03	<0.5	<0.3	<0.5	70.77	9.07
86	MSW21	Crushed limestone dust from main haul road	0.00-50.00	<1	13	10	14	11	1600	31	<10	<2.5	2	<1.6	<0.01	<0.5	<0.3	<0.5	0.29	8.19
89	MSW22	Old degraded waste	0.00-50.00	<1	31	168	35	557	6900	676	15	<2.5	12	3	<0.01	<0.5	<0.3	<0.5	4.34	6.86
92	MSW23	Stained and burnt cover materials	0.00-50.00	<1	17	6	16	5	1400	37	<10	<2.5	2	79	0.2	<0.5	0.5	<0.5	1.81	8.78
95	MSW24	Burnt waste	0.00-50.00	<1	12	221	11	29	1600	44	<10	<2.5	6	<1.6	0.36	<0.5	<0.3	<0.5	0.7	8.4
98	MSW25	Burnt domestic waste	0.00-50.00	<1	25	10	21	42	3600	51	<10	<2.5	12	10	0.58	2.3	<0.3	<0.5	1.9	7.92

Sample Number	Sample Identity	Type	Depth (m)	Total Cyanide	Asbestos Presence	Free Cyanide Soil	Phenol	4-Methylphenol	Naphthalene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benzo(a)anthracene	Chrysene	2-Methylnaphthalene
	Units			ppm		ppm										
	Method Detection Limit			<2.5		<2.5										
	Maximum			**0**	**0**	**0**	**982.2616097**	**319.6412803**	**284.8838983**	**2079.279432**	**110.9392915**	**781.5316175**	**2240.920373**	**161.6209345**	**249.1115608**	**111.7461628**
27	MSW1	Dark grey granular cover materials with waste (ash? and crushed limestone)	0.00-50.00	<2.5	NFP	<2.5	<100	<100	<100	204.0367	<100	116.1343	118.5935	<100	<100	<100
30	MSW2	Decomposing domestic waste	0.00-50.00	<2.5	-	<2.5										
33	MSW3	Black/grey organic sludge with strong odour	0.00-50.00	<2.5	-	<2.5	<100	153.9251	<100	<100	<100	<100	<100	<100	<100	<100
36	MSW4	grey/dark brown sludge with strong odour	0.00-50.00	<2.5	-	<2.5										
39	MSW5	Light grey surface cover material	0.00-50.00	<2.5	NFP	<2.5										
42	MSW6	Dark brown vent exudate	0.00-50.00	<2.5	NFP	<2.5	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
45	MSW7	Surface cover	0.00-50.00	<2.5	NFP	<2.5										
47	MSW8	Surface cover from bulldozer access track	0.00-50.00	<2.5	NFP	<2.5										
50	MSW9	Pale blue dried slurry/filter cake	0.00-50.00	<2.5	NFP	<2.5										
53	MSW10	Daily cover with domestic waste	0.00-50.00	<2.5	NFP	<2.5										
56	MSW11	Daily cover with domestic waste	0.00-50.00	<2.5	NFP	<2.5										
59	MSW12	Daily cover	0.00-50.00	<2.5	NFP	<2.5										
62	MSW13	Grey silt (dried slurry)	0.00-50.00	<2.5	NFP	<2.5										
65	MSW14	Recently burnt waste	0.00-50.00	<2.5	NFP	<2.5	693.7833	<100	284.8839	2079.279	110.9393	317.4752	223.5116	<100	207.3124	111.7462
68	MSW15	Surface staining of cover associated with burning	0.00-50.00	<2.5	NFP	<2.5	982.2616	319.6413	<100	301.8203	<100	<100	<100	<100	<100	<100
71	MSW16	Pale grey dried sludge	0.00-50.00	<2.5	NFP	<2.5										
74	MSW17	Pale grey/pink sludge from lower slurry lagoon.	0.00-50.00	<2.5	NFP	<2.5	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
77	MSW18	Pink ochre silt	0.00-50.00	<2.5	NFP	<2.5										
80	MSW19	Black sooty material in crushed drum	0.00-50.00	<2.5	NFP	<2.5	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
83	MSW20	Old ashy degraded waste and plastic	0.00-50.00	<2.5	NFP	<2.5										
86	MSW21	Crushed limestone dust from main haul road	0.00-50.00	<2.5	NFP	<2.5										
89	MSW22	Old degraded waste	0.00-50.00	<2.5	NFP	<2.5										
92	MSW23	Stained and burnt cover materials	0.00-50.00	<2.5	NFP	<2.5	<100	<100	<100	<100	<100	781.5316	2240.92	161.6209	249.1116	<100
95	MSW24	Burnt waste	0.00-50.00	<2.5	NFP	<2.5	256.803	<100	161.602	578.9196	<100	114.7791	<100	<100	149.3155	<100
98	MSW25	Burnt domestic waste	0.00-50.00	<2.5	NFP	<2.5										

Sample Number	Sample Identity	Type	Depth (m)	Dibenzofuran	Dimethyl phthalate	Di-n-butylphthalate	Bis(2-ethylhexyl)pht	tri butyl tin	Trichlorofluorometh	Chloroform	Benzene	Toluene	Tetrachloroethene	Chlorobenzene	Ethylbenzene	p/m-Xylene
	Units															
	Method Detection Limit															
	Maximum			**273.5133576**	**115.6578318**	**452.5033337**	**2968.744794**	**13.62698946**	**3**	**7**	**3728**	**3613**	**1**	**288**	**16785**	**948**
27	MSW1	Dark grey granular cover materials with waste (ash? and crushed limestone)	0.00-50.00	<100	<100	<100	2968.745		<1	<1	13	21	<1	<1	7	22
30	MSW2	Decomposing domestic waste	0.00-50.00													
33	MSW3	Black/grey organic sludge with strong odour	0.00-50.00	<100	<100	<100	1406.666	13.62699	<1	<1	<1	17	<1	<1	<1	2
36	MSW4	grey/dark brown sludge with strong odour	0.00-50.00					<10								
39	MSW5	Light grey surface cover material	0.00-50.00													
42	MSW6	Dark brown vent exudate	0.00-50.00	<100	<100	<100	301.311		3	7	3728	3613	<1	288	16785	948
45	MSW7	Surface cover	0.00-50.00													
47	MSW8	Surface cover from bulldozer access track	0.00-50.00													
50	MSW9	Pale blue dried slurry/filter cake	0.00-50.00													
53	MSW10	Daily cover with domestic waste	0.00-50.00													
56	MSW11	Daily cover with domestic waste	0.00-50.00													
59	MSW12	Daily cover	0.00-50.00													
62	MSW13	Grey silt (dried slurry)	0.00-50.00													
65	MSW14	Recently burnt waste	0.00-50.00	273.5134	<100	116.2464	1746.955		<1	<1	42	16	<1	7	13	9
68	MSW15	Surface staining of cover associated with burning	0.00-50.00	<100	<100	<100	268.3747		<1	<1	17	14	<1	3	27	6
71	MSW16	Pale grey dried sludge	0.00-50.00					<10								
74	MSW17	Pale grey/pink sludge from lower slurry lagoon.	0.00-50.00	<100	115.6578	452.5033	878.4293	<10	<1	<1	<1	<1	<1	<1	<1	<1
77	MSW18	Pink ochre silt	0.00-50.00													
80	MSW19	Black sooty material in crushed drum	0.00-50.00	<100	<100	<100	492.8861		<1	<1	<1	2	<1	<1	1	2
83	MSW20	Old ashy degraded waste and plastic	0.00-50.00													
86	MSW21	Crushed limestone dust from main haul road	0.00-50.00													
89	MSW22	Old degraded waste	0.00-50.00													
92	MSW23	Stained and burnt cover materials	0.00-50.00	<100	<100	<100	371.0882		<1	<1	<1	<1	1	<1	50	25
95	MSW24	Burnt waste	0.00-50.00	<100	<100	158.4755	778.5358		<1	<1	820	57	<1	12	46	10
98	MSW25	Burnt domestic waste	0.00-50.00													

Sample Number	Sample Identity	Type	Depth (m)	Styrene	o-Xylene	Isopropylbenzene	Propylbenzene	1,2,4-Trimethylbenze	1,3,5-Trimethylbenze	1,2-Dichlorobenzene	1,4-Dichlorobenzene	sec-Butylbenzene	tert-Butylbenzene	1,3-Dichlorobenzene	n-Butylbenzene	1,2,4-Trichlorobenze
	Units															
	Method Detection Limit															
	Maximum			**2812**	**1446**	**5583**	**316**	**234**	**355**	**130**	**34**	**93**	**370**	**38**	**421**	**41**
27	MSW1	Dark grey granular cover materials with waste (ash? and crushed limestone)	0.00-50.00	<1	7	<1	<1	1	3	<1	<1	<1	<1	<1	<1	<1
30	MSW2	Decomposing domestic waste	0.00-50.00													
33	MSW3	Black/grey organic sludge with strong odour	0.00-50.00	<1	<1	<1	<1	1	1	<1	<1	<1	5	<1	<1	<1
36	MSW4	grey/dark brown sludge with strong odour	0.00-50.00													
39	MSW5	Light grey surface cover material	0.00-50.00													
42	MSW6	Dark brown vent exudate	0.00-50.00	2812	1446	5583	316	234	355	130	32	93	370	38	421	31
45	MSW7	Surface cover	0.00-50.00													
47	MSW8	Surface cover from bulldozer access track	0.00-50.00													
50	MSW9	Pale blue dried slurry/filter cake	0.00-50.00													
53	MSW10	Daily cover with domestic waste	0.00-50.00													
56	MSW11	Daily cover with domestic waste	0.00-50.00													
59	MSW12	Daily cover	0.00-50.00													
62	MSW13	Grey silt (dried slurry)	0.00-50.00													
65	MSW14	Recently burnt waste	0.00-50.00	3	5	3	<1	3	3	2	<1	<1	<1	2	2	<1
68	MSW15	Surface staining of cover associated with burning	0.00-50.00	25	6	13	2	5	6	4	34	<1	11	<1	6	<1
71	MSW16	Pale grey dried sludge	0.00-50.00													
74	MSW17	Pale grey/pink sludge from lower slurry lagoon.	0.00-50.00	<1	<1	<1	<1	<1	<1	<1	11	<1	<1	<1	<1	<1
77	MSW18	Pink ochre silt	0.00-50.00													
80	MSW19	Black sooty material in crushed drum	0.00-50.00	<1	2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
83	MSW20	Old ashy degraded waste and plastic	0.00-50.00													
86	MSW21	Crushed limestone dust from main haul road	0.00-50.00													
89	MSW22	Old degraded waste	0.00-50.00													
92	MSW23	Stained and burnt cover materials	0.00-50.00	7	25	17	2	25	14	61	17	2	13	35	10	41
95	MSW24	Burnt waste	0.00-50.00	23	9	6	2	5	4	3	<1	<1	1	2	3	<1
98	MSW25	Burnt domestic waste	0.00-50.00													

Sample Number	Sample Identity	Type	Depth (m)	Naphthalene	1,2,3-Trichlorobenzene	Unresolved Complex	C12 Acid	C14 Acid	C14 Acid	C18 Acid	butyl-Benzenesulph	C16-26 Hydrocarbon	C10-30 Hydrocarbon	C6 Acid	C8 Acid	Acetophenone
	Units															
	Method Detection Limit															
	Maximum			**8802**	**74**	**33260**	**200**	**1220**	**3810**	**3190**	**2010**	**2910**	**778790**	**540**	**570**	**360**
27	MSW1	Dark grey granular cover materials with waste (ash? and crushed limestone)	0.00-50.00	<1	<1	33260										
30	MSW2	Decomposing domestic waste	0.00-50.00													
33	MSW3	Black/grey organic sludge with strong odour	0.00-50.00	<1	<1	12910	200	1220	3810	3190						
36	MSW4	grey/dark brown sludge with strong odour	0.00-50.00													
39	MSW5	Light grey surface cover material	0.00-50.00													
42	MSW6	Dark brown vent exudate	0.00-50.00	8802	74						2010	2910				
45	MSW7	Surface cover	0.00-50.00													
47	MSW8	Surface cover from bulldozer access track	0.00-50.00													
50	MSW9	Pale blue dried slurry/filter cake	0.00-50.00													
53	MSW10	Daily cover with domestic waste	0.00-50.00													
56	MSW11	Daily cover with domestic waste	0.00-50.00													
59	MSW12	Daily cover	0.00-50.00													
62	MSW13	Grey silt (dried slurry)	0.00-50.00													
65	MSW14	Recently burnt waste	0.00-50.00	59	<1								93990			
68	MSW15	Surface staining of cover associated with burning	0.00-50.00	319	<1								36730	540	570	360
71	MSW16	Pale grey dried sludge	0.00-50.00													
74	MSW17	Pale grey/pink sludge from lower slurry lagoon.	0.00-50.00	28	<1								283350			
77	MSW18	Pink ochre silt	0.00-50.00													
80	MSW19	Black sooty material in crushed drum	0.00-50.00	7	<1								11350			
83	MSW20	Old ashy degraded waste and plastic	0.00-50.00													
86	MSW21	Crushed limestone dust from main haul road	0.00-50.00													
89	MSW22	Old degraded waste	0.00-50.00													
92	MSW23	Stained and burnt cover materials	0.00-50.00	80	74								778790			
95	MSW24	Burnt waste	0.00-50.00	111	3								55790			
98	MSW25	Burnt domestic waste	0.00-50.00													

Sample Number	Sample Identity	Type	Depth (m)	Unknown (RT 18.49)	Unknown (RT 18.55)	Unknown (RT 19.06)	Unknown (RT 18.30)	Unknown (RT 18.35)	Unknown (RT 18.78)	phenyl-Terphenyl	C7 Acid	Aminocapric acid	Benzamides/Pyridin	Limonene	Bromofluoromethane	Thiobismethane
	Units															
	Method Detection Limit															
	Maximum			**48270**	**7700**	**64990**	**390**	**450**	**1560**	**390**	**1950**	**1690**	**7180**	**25**	**75**	**25**
27	MSW1	Dark grey granular cover materials with waste (ash? and crushed limestone)	0.00-50.00											25		
30	MSW2	Decomposing domestic waste	0.00-50.00													
33	MSW3	Black/grey organic sludge with strong odour	0.00-50.00												75	25
36	MSW4	grey/dark brown sludge with strong odour	0.00-50.00													
39	MSW5	Light grey surface cover material	0.00-50.00													
42	MSW6	Dark brown vent exudate	0.00-50.00													
45	MSW7	Surface cover	0.00-50.00													
47	MSW8	Surface cover from bulldozer access track	0.00-50.00													
50	MSW9	Pale blue dried slurry/filter cake	0.00-50.00													
53	MSW10	Daily cover with domestic waste	0.00-50.00													
56	MSW11	Daily cover with domestic waste	0.00-50.00													
59	MSW12	Daily cover	0.00-50.00													
62	MSW13	Grey silt (dried slurry)	0.00-50.00													
65	MSW14	Recently burnt waste	0.00-50.00													
68	MSW15	Surface staining of cover associated with burning	0.00-50.00													
71	MSW16	Pale grey dried sludge	0.00-50.00													
74	MSW17	Pale grey/pink sludge from lower slurry lagoon.	0.00-50.00	48270	7700	64990										
77	MSW18	Pink ochre silt	0.00-50.00													
80	MSW19	Black sooty material in crushed drum	0.00-50.00				390	450	1560	390						
83	MSW20	Old ashy degraded waste and plastic	0.00-50.00													
86	MSW21	Crushed limestone dust from main haul road	0.00-50.00													
89	MSW22	Old degraded waste	0.00-50.00													
92	MSW23	Stained and burnt cover materials	0.00-50.00													
95	MSW24	Burnt waste	0.00-50.00								1950	1690	7180			
98	MSW25	Burnt domestic waste	0.00-50.00													

Sample Number	Sample Identity	Type	Depth (m)	C9-C13 Hydrocarbon	2-methylfuran	2,5-dimethylfuran	Methylbutyrate	C7-C13 Hydrocarbon	Phenol	Phenylethanone	Biphenyl	Dimethyl disulphide	C10-C13 Hydrocarbo	Benzonitrile	Total Dioxin ng/kg I-T
	Units														
	Method Detection Limit														
	Maximum			**1790**	**405**	**195**	**70**	**97200**	**40**	**65**	**15**	**490**	**10**	**40**	**2500**
27	MSW1	Dark grey granular cover materials with waste (ash? and crushed limestone)	0.00-50.00												1.9
30	MSW2	Decomposing domestic waste	0.00-50.00												
33	MSW3	Black/grey organic sludge with strong odour	0.00-50.00	1790											11
36	MSW4	grey/dark brown sludge with strong odour	0.00-50.00												
39	MSW5	Light grey surface cover material	0.00-50.00												
42	MSW6	Dark brown vent exudate	0.00-50.00		405	195	70	97200							2500
45	MSW7	Surface cover	0.00-50.00												
47	MSW8	Surface cover from bulldozer access track	0.00-50.00												
50	MSW9	Pale blue dried slurry/filter cake	0.00-50.00												
53	MSW10	Daily cover with domestic waste	0.00-50.00												
56	MSW11	Daily cover with domestic waste	0.00-50.00												
59	MSW12	Daily cover	0.00-50.00												
62	MSW13	Grey silt (dried slurry)	0.00-50.00												
65	MSW14	Recently burnt waste	0.00-50.00						40	65	15				44
68	MSW15	Surface staining of cover associated with burning	0.00-50.00					5975							2.1
71	MSW16	Pale grey dried sludge	0.00-50.00												
74	MSW17	Pale grey/pink sludge from lower slurry lagoon.	0.00-50.00									490	10		29
77	MSW18	Pink ochre silt	0.00-50.00												6.2
80	MSW19	Black sooty material in crushed drum	0.00-50.00												
83	MSW20	Old ashy degraded waste and plastic	0.00-50.00												
86	MSW21	Crushed limestone dust from main haul road	0.00-50.00												
89	MSW22	Old degraded waste	0.00-50.00												
92	MSW23	Stained and burnt cover materials	0.00-50.00					8850							43
95	MSW24	Burnt waste	0.00-50.00	770							15			40	43
98	MSW25	Burnt domestic waste	0.00-50.00												

Sample Number	Sample Identity	Type	Depth (m)	Arsenic	Chromium	Copper	Nickel	Lead	Total Sulphate by ICP	Zinc	Acid Soluble Sulphide	Complex Cyanide	Thiocyanate	PAH total 16 GC	Naphthalene	Acenaphthylene	Acenaphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benz(a)anthracene	Chrysene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)pyrene
	Units			ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm													
	Method Detection Limit			<1	<1	<1	<1	<1	<50	<1	<10	<2.5	<1	<1.6													
	Maximum			**6**	**72**	**18**	**40**	**1448**	**7560**	**78**	**0**	**0**	**6**	**4**													
1	MSS1	Soil on reclaimed area	0.00-50.00	<1	48	14	24	56	1800	78	<10	<2.5	3	3													
3	MSS2	Red clay on Garigue	0.00-50.00	<1	15	18	13	26	1900	65	<10	<2.5	2	<1.6													
5	MSS3	Red clay on Garigue	0.00-50.00	1	70	6	40	370	2000	68	<10	<2.5	3	2													
7	MSS4	Red clay on Garigue	0.00-50.00	6	72	16	34	1448	2200	65	<10	<2.5	5	2													
9	MSS5	Terracotta Soil	0.00-50.00	<1	23	8	23	116	1900	43	<10	<2.5	3	2													
11	MSS6	Red clay on trapping terrace	0.00-50.00	2	60	6	38	35	1700	63	<10	<2.5	<1	<1.6													
13	MSS7	Red clay on Garigue	0.00-50.00	3	56	6	35	46	1400	64	<10	<2.5	2	<1.6													
15	MSS8	Ochre clay and silt	0.00-50.00	<1	13	8	13	29	1800	35	<10	<2.5	1	<1.6													
17	MSS9	Crushed Lst from track	0.00-50.00	<1	13	10	14	10	1700	36	<10	<2.5	4	4													
19	MSS10	Red clay on Garigue	0.00-50.00	<1	51	7	28	1106	1300	61	<10	<2.5	2	2													
21	MSS11	Terracotta Soil	0.00-50.00	<1	40	8	32	486	2400	58	<10	<2.5	4	<1.6													
23	MSS12	Ochre Soil	0.00-50.00	<1	17	6	16	28	2200	42	<10	<2.5	6	<1.6													
25	MSS13	Terracotta Soil	0.00-50.00	<1	24	15	24	27	1800	72	<10	<2.5	2	<1.6													
101	MSS14	Terracotta Soil	0.00-50.00	<1	18	5	15	140	2000	28	<10	<2.5	4	<1.6													
103	MSS15	Terracotta Soil	0.00-50.00	<1	37	7	27	66	1800	52	<10	<2.5	2	2													
191	MSS16	Soil	0.00-50.00	<1	24	14	14	<1	2373	60	<10	<2.5	1	7													
192	MSS17	Soil	0.00-50.00	<1	51	23	26	<1	1518	89	<10	<2.5	2	2													
193	MSS18	Soil	0.00-50.00	7	28	31	17	<1	1779	71	<10	<2.5	5	4													
194	MSS19	Soil	0.00-50.00	6	20	14	12	98	1783	37	<10	<2.5	2	0.82													
195	MSS20	Soil	0.00-50.00	6	22	13	15	<1	1608	36	<10	<2.5	6	4													
196	MSS21	Soil	0.00-50.00	3	85	19	37	<1	1792	71	<10	<2.5	2	6													
197	MSS22	Soil	0.00-50.00	6	25	19	14	106	1577	74	<10	<2.5	2	0.64													
198	MSS23	Soil	0.00-50.00	9	30	27	16	<1	1763	265	<10	<2.5	2	7													
199	MSS24	Soil	0.00-50.00	<1	69	14	28	<1	1496	64	<10	<2.5	2	9													
200	MSS25	Soil	0.00-50.00	6	24	44	14	27	1505	92	<10	<2.5	<1	0.69													
201	MSS26	Soil	0.00-50.00	6	29	27	18	<1	2546	111	<10	<2.5	2	0.62													
202	MSS27	Soil	0.00-50.00	5	16	7	10	<1	1977	52	<10	<2.5	<1	6													
203	MSS28	Soil	0.00-50.00	7	24	19	15	13	1512	58	<10	<2.5	9	1													
116	MMS1	Marine Sediment	UNKNOWN	<1	9	<1	<1	4	5943	25	<10	<2.5	<1	1	< 0.05	< 0.05	0.164	< 0.05	0.101	0.056	0.162	0.160	0.053	0.105	0.133	0.109	0.051
117	MMS2	Marine Sediment	UNKNOWN	<1	5	1	1	9	7560	14	<10	<2.5	1	1	< 0.05	< 0.05	0.080	0.093	0.138	< 0.05	0.193	0.155	0.103	0.174	0.072	0.077	0.068
	MMS3	Marine Sediment	UNKNOWN	<1	5	2	<1	9	4745	9	<10	<2.5	<1	3	0.465	< 0.05	0.131	< 0.05	0.288	< 0.05	0.462	0.380	0.272	0.224	0.145	0.119	0.295

Sample Number	Sample Identity	Type	Depth (m)	Indeno(123cd)pyrene	Dibenzo(ah)anthracene	Benzo(ghi)perylene	Total Phenols HPLC	Cadmium by IRIS	Mercury by IRIS	Selenium by IRIS	Total Organic Matter	pH Value In Soil	Total Cyanide	Asbestos Presence Screen	Free Cyanide Soil	Total Dioxin ng/kg I-TE	PCBs µg/kg	TBT	TPT	C18 - 30 hydrocarbons: 70% aromatic (µg/k
	Units						ppm	ppm	ppm	ppm	%		ppm		ppm					
	Method Detection Limit						<0.01	<0.5	<0.3	<0.5	<0.01	<1.00	<2.5		<2.5					
	Maximum						**0.06**	**0.8**	**0.4**	**0**	**4.56**	**8.14**	**0**	**0**	**0**	**61**				
1	MSS1	Soil on reclaimed area	0.00-50.00				<0.01	0.8	<0.3	<0.5	2.99	7.76	<2.5	-	<2.5	1.4				
3	MSS2	Red clay on Garigue	0.00-50.00				0.02	<0.5	<0.3	<0.5	1.72	7.72	<2.5	-	<2.5					
5	MSS3	Red clay on Garigue	0.00-50.00				0.06	0.8	<0.3	<0.5	3.4	7.71	<2.5	-	<2.5					
7	MSS4	Red clay on Garigue	0.00-50.00				0.02	0.8	<0.3	<0.5	4.56	7.81	<2.5	-	<2.5					
9	MSS5	Terracotta Soil	0.00-50.00				0.01	<0.5	<0.3	<0.5	2.18	7.81	<2.5	-	<2.5	61				
11	MSS6	Red clay on trapping terrace	0.00-50.00				0.01	0.7	<0.3	<0.5	2.5	7.95	<2.5	-	<2.5					
13	MSS7	Red clay on Garigue	0.00-50.00				0.02	<0.5	<0.3	<0.5	4.25	7.68	<2.5	-	<2.5	0.91				
15	MSS8	Ochre clay and silt	0.00-50.00				0.02	<0.5	<0.3	<0.5	1.86	7.83	<2.5	NFP	<2.5					
17	MSS9	Crushed Lst from track	0.00-50.00				0.03	<0.5	<0.3	<0.5	1.58	7.63	<2.5	NFP	<2.5					
19	MSS10	Red clay on Garigue	0.00-50.00				0.02	<0.5	<0.3	<0.5	3.34	7.79	<2.5	-	<2.5	0.54				
21	MSS11	Terracotta Soil	0.00-50.00				0.01	0.6	<0.3	<0.5	2.11	7.73	<2.5	-	<2.5					
23	MSS12	Ochre Soil	0.00-50.00				<0.01	<0.5	<0.3	<0.5	1.87	7.64	<2.5	-	<2.5					
25	MSS13	Terracotta Soil	0.00-50.00				<0.01	<0.5	<0.3	<0.5	2.17	7.74	<2.5	-	<2.5					
101	MSS14	Terracotta Soil	0.00-50.00				0.04	<0.5	<0.3	<0.5	1.48	7.79	<2.5	-	<2.5	3.6				
103	MSS15	Terracotta Soil	0.00-50.00				<0.01	<0.5	<0.3	<0.5	1.85	7.91	<2.5	-	<2.5					
191	MSS16	Soil	0.00-50.00				0.01	<0.5	<0.3	<0.5	4.90	7.70	<2.5		<2.5	<0.02				
192	MSS17	Soil	0.00-50.00				<0.01	<0.5	<0.3	<0.5	2.20	7.79	<2.5		<2.5	<0.01				
193	MSS18	Soil	0.00-50.00				0.01	<0.5	<0.3	<0.5	2.66	7.82	<2.5		<2.5	<0.01				
194	MSS19	Soil	0.00-50.00				0.01	<0.5	<0.3	<0.5	1.26	7.71	<2.5		<2.5	<0.01				
195	MSS20	Soil	0.00-50.00				0.02	<0.5	<0.3	<0.5	1.88	7.73	<2.5		<2.5	<0.01				
196	MSS21	Soil	0.00-50.00				<0.01	0.8	<0.3	<0.5	4.43	7.81	<2.5		<2.5	<0.01				
197	MSS22	Soil	0.00-50.00				<0.01	<0.5	<0.3	<0.5	1.77	7.67	<2.5		<2.5	<0.01				
198	MSS23	Soil	0.00-50.00				<0.01	<0.5	<0.3	1.1	3.09	7.68	<2.5		<2.5	<0.01				
199	MSS24	Soil	0.00-50.00				<0.01	0.6	<0.3	30.2	3.72	7.75	<2.5		<2.5	<0.01				
200	MSS25	Soil	0.00-50.00				<0.01	<0.5	<0.3	<0.5	1.35	7.88	<2.5		<2.5	<0.01				
201	MSS26	Soil	0.00-50.00				<0.01	<0.5	<0.3	<0.5	1.50	7.68	<2.5		<2.5	<0.01				
202	MSS27	Soil	0.00-50.00				0.02	<0.5	<0.3	<0.5	0.91	7.86	<2.5		<2.5	<0.01				
203	MSS28	Soil	0.00-50.00				<0.01	<0.5	<0.3	<0.5	2.59	7.74	<2.5		<2.5	<0.01				
116	MMS1	Marine Sediment	UNKNOWN	< 0.05	< 0.05	< 0.05	<0.01	<0.5	0.4	<0.5	0.31	8.07	<2.5		<2.5	<0.014	<1	<10	<10	
117	MMS2	Marine Sediment	UNKNOWN	0.052	< 0.05	< 0.05	0.02	<0.5	<0.3	<0.5	0.54	8.14	<2.5		<2.5	<0.014	<1	<10	<10	
	MMS3	Marine Sediment	UNKNOWN	0.181	0.062	0.216	<0.01	<0.5	<0.3	<0.5	0.43	8.13	<2.5		<2.5		<1	<10	<10	118860

Sample Number	Sample Identity	Type	Depth (m)	Arsenic	Chromium	Copper	Nickel	Lead	Total Sulphate by ICP	Zinc	Acid Soluble Sulphide	Complex Cyanide	Thiocyanate	PAH total 16 GC	Total Phenols HPLC	Cadmium by IRIS	Mercury by IRIS	Selenium by IRIS	Total Organic Matter	pH Value In Soil	Total Cyanide	Asbestos Presence Screen	Free Cyanide Soil
Units				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%		ppm		ppm
Method Detection Limit				<1	<1	<1	<1	<1	<50	<1	<10	<2.5	<1	<1.6	<0.01	<0.5	<0.3	<0.5	<0.01	<1.00	<2.5		<2.5
13	WFSW01	Surface cover near compost storage	0.00-50.00	<1	21	43	22	150	2500	185	<10	<2.5	4	15	<0.01	<0.5	<0.3	<0.5	2.81	7.19	<2.5	NFP	<2.5
16	WFSW02	Surface cover on S side of E mound	0.00-50.00	<1	47	490	34	1068	5800	614	<10	<2.5	16	4	<0.01	1.4	<0.3	<0.5	8.24	6.89	<2.5	NFP	<2.5
19	WFSW03	Vent deposits on E mound	0.00-50.00	<1	14	43	10	82	1500	173	<10	<2.5	24	409	6	0.6	19.2	<0.5	5.69	7.28	<2.5	NFP	<2.5
22	WFSW04	Burnt domestic waste at base of E mound	0.00-50.00	<1	191	1301	104	608	7000	1678	24	<2.5	16	6	0.02	8.2	0.6	<0.5	9.72	6.78	<2.5	NFP	<2.5
25	WFSW05	Valley fill	0.00-50.00	<1	126	532	52	278	2100	992	33	<2.5	2	3	<0.01	2.2	<0.3	<0.5	1.29	8.01	<2.5	NFP	<2.5
28	WFSW06	Crushed limestone from W mound top	0.00-50.00	<1	23	5	14	7	1900	32	<10	<2.5	<1	<1.6	<0.01	<0.5	<0.3	<0.5	0.5	7.8	<2.5	NFP	<2.5
31	WFSW07	Dark brown waste	0.00-50.00	<1	30	331	26	859	4900	1693	<10	<2.5	108	3	<0.01	0.9	<0.3	<0.5	8.41	8.41	<2.5	NFP	<2.5
34	WFSW08	Crushed limestone cover	0.00-50.00	<1	32	19	24	71	1900	119	<10	<2.5	2	7	<0.01	0.6	<0.3	<0.5	2.34	7.79	<2.5	NFP	<2.5
37	WFSW09	Dark brown stained crushed lst waste	0.00-50.00	<1	31	262	23	90	3000	503	<10	<2.5	4	186	0.03	1.1	2.9	<0.5	3.57	8.27	<2.5	NFP	<2.5

Sample Number	Sample Identity	Type	Depth (m)	Phenol	2-Chlorophenol	2-Methylphenol	4-Methylphenol	2-Nitrophenol	4-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	Naphthalene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benzo(a)anthracene	Chrysene	Benzo(b)pyrene
Units																				
Method Detection Limit																				
13	WFSW01	Surface cover near compost storage	0.00-50.00																	
16	WFSW02	Surface cover on S side of E mound	0.00-50.00																	
19	WFSW03	Vent deposits on E mound	0.00-50.00	1517.686704	<100	492.8850408	1179.114143	<100	<100	<100	657.2213632	578.0426319	2673.299847	32696.41964	3788.301512	11403.09144	10436.3052	4803.142887	26122.37807	1693.759605
22	WFSW04	Burnt domestic waste at base of E mound	0.00-50.00																	
25	WFSW05	Valley fill	0.00-50.00																	
28	WFSW06	Crushed limestone from W mound top	0.00-50.00																	
31	WFSW07	Dark brown waste	0.00-50.00																	
34	WFSW08	Crushed limestone cover	0.00-50.00	<100	<100	<100	<100	<100	<100	<100	<100	<100	109.6104596	284.8074973	<100	101.5920126	<100	<100	160.7809638	<100
37	WFSW09	Dark brown stained crushed lst waste	0.00-50.00	<100	<100	<100	<100	<100	<100	<100	<100	300.7666756	17245.5566	90033.4856	21131.67029	5230.914424	4750.878766	<100	<100	<100

Sample Number	Sample Identity	Type	Depth (m)	2-Methylnaphthalene	Carbazole	Dibenzofuran	Benzene	Toluene	Chlorobenzene	Ethylbenzene	p/m-Xylene	Styrene	o-Xylene	Isopropylbenzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	1,2-Dichlorobenzene	tert-Butylbenzene	1,3-Dichlorobenzene	n-Butylbenzene
Units																				
Method Detection Limit																				
13	WFSW01	Surface cover near compost storage	0.00-50.00																	
16	WFSW02	Surface cover on S side of E mound	0.00-50.00																	
19	WFSW03	Vent deposits on E mound	0.00-50.00	590.5742983	3223.329798	1401.264163														
22	WFSW04	Burnt domestic waste at base of E mound	0.00-50.00																	
25	WFSW05	Valley fill	0.00-50.00																	
28	WFSW06	Crushed limestone from W mound top	0.00-50.00																	
31	WFSW07	Dark brown waste	0.00-50.00																	
34	WFSW08	Crushed limestone cover	0.00-50.00	<100	<100	<100	<1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
37	WFSW09	Dark brown stained crushed lst waste	0.00-50.00	946.8094987	<100	2833.408155	238	214	17	111	50	29	55	21	21	8	10	7	7	6

Sample Number	Sample Identity	Type	Depth (m)	1,2,4-Trichlorobenzene	Naphthalene	1,2,3-Trichlorobenzene	C12-26 Hydrocarbons	2-methylnaphthalene	1-methylnaphthalene	Biphenyl	C9-C13 Aromatic Isomers *	Total Dioxins ng/kg I-TE
Units												
Method Detection Limit												
13	WFSW01	Surface cover near compost storage	0.00-50.00									
16	WFSW02	Surface cover on S side of E mound	0.00-50.00									
19	WFSW03	Vent deposits on E mound	0.00-50.00				1585000	115	160	300	1765	3000
22	WFSW04	Burnt domestic waste at base of E mound	0.00-50.00									940
25	WFSW05	Valley fill	0.00-50.00									
28	WFSW06	Crushed limestone from W mound top	0.00-50.00									
31	WFSW07	Dark brown waste	0.00-50.00									
34	WFSW08	Crushed limestone cover	0.00-50.00	<1	<1	<1	14600					6.7
37	WFSW09	Dark brown stained crushed lst waste	0.00-50.00	13	1933	35	3246400				7970	100

Sample Number	Sample Identity	Type	Depth (m)	Arsenic	Chromium	Copper	Nickel	Lead	Total Sulphate by ICP	Zinc	Acid Soluble Sulphide
Units				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Method Detection Limit				<1	<1	<1	<1	<1	<50	<1	<10
1	WFSS01	Terracotta Soil	0.00-50.00	2	66	10	61	1222	2100	80	<10
4	WFSS02	Terracotta Soil	0.00-50.00	<1	47	61	37	106	2000	179	<10
5	WFSS03	Terracotta Soil	0.00-50.00	<1	33	123	27	79	2800	461	<10
7	WFSS04	Terracotta Soil	0.00-50.00	<1	40	15	31	613	2000	88	<10
9	WFSS05	Terracotta Soil	0.00-50.00	<1	60	53	46	1349	2100	151	<10
11	WFSS06	Terracotta Soil	0.00-50.00	1	64	59	45	1516	1600	193	<10

Sample Number	Sample Identity	Type	Depth (m)	Complex Cyanide	Thiocyanate	PAH total 16 GC	Total Phenols HPLC	Cadmium by IRIS	Mercury by IRIS	Selenium by IRIS	Total Organic Matter
Units				ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Method Detection Limit				<2.5	<1	<1.6	<0.01	<0.5	<0.3	<0.5	<0.01
1	WFSS01	Terracotta Soil	0.00-50.00	<2.5	1	2	0.01	<0.5	<0.3	<0.5	4.9
4	WFSS02	Terracotta Soil	0.00-50.00	<2.5	2	17	<0.01	0.5	<0.3	<0.5	3.65
5	WFSS03	Terracotta Soil	0.00-50.00	<2.5	2	2	<0.01	0.7	<0.3	<0.5	3.34
7	WFSS04	Terracotta Soil	0.00-50.00	<2.5	3	8	0.01	0.6	<0.3	<0.5	3.96
9	WFSS05	Terracotta Soil	0.00-50.00	<2.5	3	11	0.01	0.8	<0.3	<0.5	4.14
11	WFSS06	Terracotta Soil	0.00-50.00	<2.5	<1	8	<0.01	0.9	<0.3	<0.5	2.62

Sample Number	Sample Identity	Type	Depth (m)	pH Value In Soil	Total Cyanide	Asbestos Presence Screen	Free Cyanide Soil	Total Dioxins ng/kg I-TE
Units					ppm		ppm	
Method Detection Limit				<1.00	<2.5		<2.5	
1	WFSS01	Terracotta Soil	0.00-50.00	7.95	<2.5	-	<2.5	
4	WFSS02	Terracotta Soil	0.00-50.00	7.8	<2.5	-	<2.5	2.9
5	WFSS03	Terracotta Soil	0.00-50.00	7.21	<2.5	-	<2.5	5.3
7	WFSS04	Terracotta Soil	0.00-50.00	7.78	<2.5	-	<2.5	
9	WFSS05	Terracotta Soil	0.00-50.00	7.72	<2.5	-	<2.5	
11	WFSS06	Terracotta Soil	0.00-50.00	7.99	<2.5	-	<2.5	

Sample Number	Sample Identity	Type	Depth (m)	Arsenic	Chromium	Copper	Nickel	Lead	Total Sulphate by ICP	Zinc	Acid Soluble Sulphide	Complex Cyanide	Thiocyanate	PAH total 16 GC	Total Phenols HPLC	Cadmium by IRIS	Mercury by IRIS	Selenium by IRIS	Total Organic Matter	pH Value In Soil	Total Cyanide
8	QSW1	Dried grey slurry	0.5	<1	38	12	38	30	2100	59	<10	<2.5	1	<1.6	<0.01	<0.5	<0.3	<0.5	2.11	8.53	<2.5
11	QSW2	Pale brn gry soil adj to haul road	0.5	<1	5	4	8	6	1500	15	<10	<2.5	1	<1.6	0.01	<0.5	<0.3	<0.5	0.38	7.71	<2.5
14	QSW3	Fine grained ash	0.5	<1	23	1469	14	267	9400	474	<10	<2.5	3	<1.6	0.01	0.5	<0.3	<0.5	2.3	7.65	<2.5
17	QSW4	Burnt waste	0.5	<1	227	364	28	239	16000	648	33	<2.5	10	10	3.19	7.1	<0.3	<0.5	5.73	11.33	<2.5
20	QSW5	Dirty cover materials inc. waste	0.5	<1	19	22	17	26	3700	179	<10	<2.5	3	<1.6	0.02	<0.5	<0.3	<0.5	1.31	7.36	<2.5

Sample Number	Sample Identity	Type	Depth (m)	Asbestos Presence Screen	Free Cyanide Soil	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benzo(a)anthracene	Chrysene
8	QSW1	Dried grey slurry	0.5	NFP	<2.5						
11	QSW2	Pale brn gry soil adj to haul road	0.5	NFP	<2.5						
14	QSW3	Fine grained ash	0.5	NFP	<2.5	146.788376	<100	321.2132263	326.1526353	150.2024251	182.1549771
17	QSW4	Burnt waste	0.5	NFP	<2.5	<100	<100	<100	<100	<100	<100
20	QSW5	Dirty cover materials inc. waste	0.5	NFP	<2.5						

Sample Number	Sample Identity	Type	Depth (m)	Bis(2-ethylhexyl)phthalate	Benzene	Toluene	Ethylbenzene	p/m-Xylene	Styrene	Naphthalene	C16-26 Hydrocarbons	C20-30 Hydrocarbons	Acetone	Unknown (RT 4.86)	Unknown (RT 5.04)	Total Dioxins ng/kg I-TE
8	QSW1	Dried grey slurry	0.5													
11	QSW2	Pale brn gry soil adj to haul road	0.5													
14	QSW3	Fine grained ash	0.5	279.753753	<1	3	<1	<1	<1	<1	19080					
17	QSW4	Burnt waste	0.5	1893.853792	71	16	4	2	5	10		46660	5	3	5	61
20	QSW5	Dirty cover materials inc. waste	0.5													

Sample Number	Sample Identity	Type	Depth (m)	Arsenic	Chromium	Copper	Nickel	Lead	Total Sulphate by ICP	Zinc	Acid Soluble Sulphide	Complex Cyanide	Thiocyanate	PAH total 16 GC	Total Phenols HPLC	Cadmium by IRIS	Mercury by IRIS	Selenium by IRIS	Total Organic Matter	pH Value In Soil	Total Cyanide
1	QSS1	Terracotta Soil	0.5	<1	14	5	11	17	1600	31	<10	<2.5	2	<1.6	<0.01	<0.5	<0.3	<0.5	1.9	7.71	<2.5
2	QSS2	Blue Clay below waste	0.5	<1	11	4	8	378	1800	57	<10	<2.5	7	<1.6	0.01	<0.5	<0.3	<0.5	3.27	7.66	<2.5
4	QSS3	Weathered blue clay	0.5	<1	20	5	30	14	19000	60	<10	<2.5	1	<1.6	<0.01	<0.5	<0.3	<0.5	0.47	7.94	<2.5
6	QSS4	Red Silt on Garige	0.5	3	51	10	35	689	2000	86	<10	<2.5	2	<1.6	0.01	<0.5	<0.3	<0.5	5.31	7.77	<2.5
115	QMS1	Marine sediment	UNKNOWN	15	9	<1	1	3	2806	14	<10	<2.5	1		<0.01	<0.5	<0.3	<0.5	0.08	8.32	<2.5