

Analytical Report Number: 22-85260

Lab Sample Number	2431282	2431283	2431284	2431285	2431286	2431287	2431288
Sample Reference	WS01	WS01	WS02	WS02	WS03	WS03	HP01
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	0.10	0.60	0.20	0.60	0.20	0.60	0.30
Date Sampled	12-09-22	12-09-22	12-09-22	12-09-22	12-09-22	12-09-22	12-09-22
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status				
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	13	13	11	14
Total mass of sample received	kg	0.001	NONE	0.5	0.5	0.5	0.5

Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	-	Not-detected	-	Not-detected	-	Not-detected
Asbestos Analyst ID	N/A	N/A	N/A	PDO	N/A	PDO	N/A	PDO	N/A	PDO

General Inorganics

Total Cyanide	mg/kg	1	MCERTS	< 1.0	-	< 1.0	< 1.0	< 1.0	-	< 1.0
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Speciated PAHs

Compound	mg/kg	0.05	NONE	1	< 0.05	< 0.05	< 0.05	< 0.05	-	< 0.05
Naphthalene	0.05	NONE	0.24	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	< 0.05
Acenaphthylene	0.05	NONE	2.4	< 0.05	< 0.05	< 0.05	< 0.05	0.28	-	< 0.05
Acenaphthene	0.05	NONE	1.8	< 0.05	< 0.05	< 0.05	< 0.05	0.18	-	< 0.05
Fluorene	0.05	NONE	17	< 0.05	< 0.05	< 0.05	< 0.05	1.8	-	< 0.05
Phenanthrene	0.05	NONE	4.6	< 0.05	< 0.05	< 0.05	< 0.05	0.45	-	< 0.05
Anthracene	0.05	NONE	23	< 0.05	< 0.05	< 0.05	< 0.05	2.5	-	< 0.05
Fluoranthene	0.05	NONE	20	< 0.05	< 0.05	< 0.05	< 0.05	2.1	-	< 0.05
Pyrene	0.05	NONE	10	< 0.05	< 0.05	< 0.05	< 0.05	1.2	-	< 0.05
Benzo(a)anthracene	0.05	NONE	9.6	< 0.05	< 0.05	< 0.05	< 0.05	1.2	-	< 0.05
Chrysene	0.05	NONE	11	< 0.05	< 0.05	< 0.05	< 0.05	1.5	-	< 0.05
Benzo(b)fluoranthene	0.05	NONE	4.2	< 0.05	< 0.05	< 0.05	< 0.05	0.53	-	< 0.05
Benzo(k)fluoranthene	0.05	NONE	8.7	< 0.05	< 0.05	< 0.05	< 0.05	1.1	-	< 0.05
Benzo(a)pyrene	0.05	NONE	3.8	< 0.05	< 0.05	< 0.05	< 0.05	0.57	-	< 0.05
Indeno(1,2,3-cd)pyrene	0.05	NONE	1.1	< 0.05	< 0.05	< 0.05	< 0.05	0.19	-	< 0.05
Dibenz(a,h)anthracene	0.05	NONE	4.4	< 0.05	< 0.05	< 0.05	< 0.05	0.68	-	< 0.05
Benzo(ghi)perylene	0.05	NONE								

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	NONE	123	< 0.80	< 0.80	< 0.80	14.3	-	< 0.80
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Heavy Metals / Metalloids

Compound	mg/kg	1	MCERTS	7.1	6.6	3.6	4	7.8	7.1	5.6
Arsenic (aqua regia extractable)	0.2	MCERTS	0.2	0.5	0.2	< 0.2	< 0.2	0.9	< 0.2	0.2
Boron (water soluble)	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Cadmium (aqua regia extractable)	1	MCERTS	18	16	18	20	21	20	21	21
Chromium (aqua regia extractable)	1	MCERTS	21	7	14	18	25	20	18	18
Copper (aqua regia extractable)	1	MCERTS	42	16	17	24	72	31	23	23
Lead (aqua regia extractable)	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Mercury (aqua regia extractable)	1	MCERTS	32	17	29	41	32	37	39	39
Nickel (aqua regia extractable)	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Selenium (aqua regia extractable)	1	MCERTS	96	55	57	69	120	68	74	74
Zinc (aqua regia extractable)										

Petroleum Hydrocarbons

TPH C10 - C40 (B,C,U,10, TOTAL)	mg/kg	10	NONE	330	< 10	< 10	< 10	56	-	< 10
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U/S = Unsuitable Sample I/S = Insufficient Sample