CLEA STATISTICAL ANALYSIS OF CHEMICAL DATA FOR SOILS

MOD Records Office, Hayes, Averaging Area 1: Proposed Residential Area

	Sample Number	Sample ID	Sample Depth	Arsenic	Cadmium	Chromium	Lead	Mercury	Copper	Nickel	Zinc	Selenium	TPH Screen	Phenol	Cyanide (Total)	pH	Sulphate
Samples	1	BH01	5.4	16.39	0.5	58.19	23.45	0.2	91.81	49.55	81.74	1	14	2.5	2	6.7	0.05
	2	BH04	1.2										14				
	3	BH04	3.7	13.9	0.5	61.91	28.45	0.2	118.6	57.22	102.4	1	21	2.5	2	8.4	0.05
	4	BH05	1.75										49				
	5	BH09	4										7				
	6	WS03	1.5 - 1.8										14				
	7	WS07	3.8 - 4.0										712				
	8	WS08	2.4 - 2.6										160				
	9	WS11	2.8 - 3.0										7				
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Stat.	Minimum			13.9	0.5	58.2	23.5	0.2	91.8	49.6	81.7	1.0	7.0	2.5	2.0	6.7	0.1
	Maximum			16.4	0.5	61.9	28.5	0.2	118.6	57.2	102.4	1.0	712.0	2.5	2.0	8.4	0.1
	95th Percentile			16.3	0.5	61.7	28.2	0.2	117.3	56.8	101.4	1.0	491.2	2.5	2.0	8.3	0.1
Mean Value Test	Mean			15.1	0.5	60.1	26.0	0.2	105.2	53.4	92.1	1.0	110.9	2.5	2.0	7.6	0.1
	Standard Deviation			[illegible]	0.0	[illegible]	[illegible]	0.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.0	[illegible]	[illegible]	[illegible]
	Number of samples (n)			2	2	2	2	2	2	2	2	2	9	2	2	2	2
	t Value			6.314	6.314	6.314	6.314	6.314	6.314	6.314	6.314	6.314	1.860	6.314	6.314	6.314	6.314
	SGV / TTV			20.0	8.0	130.0	450.0	8.0	130.0	50.0	300.0	35.0	1000.0	5.0	250.0	9.0	1.2
	Upper Bound Value			[illegible]	0.5	71.8	41.8	0.2	[illegible]	[illegible]	157.3	1.0	253.9	2.5	2.0	[illegible]	0.1
Maximum Value Test	Maximum Value			16.4	0.5	61.9	28.5	0.2	118.6	57.2	102.4	1.0	712.0	2.5	2.0	8.4	0.1
	Mean			1.179	-0.301	1.778	1.412	-0.699	2.018	1.720	1.961	0.000	1.455	#VALUE!	0.301	0.875	-1.301
	Standard Deviation			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	#VALUE!	0.000	[illegible]	0.000
	t Critical Value			#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	1.860	#N/A	#N/A	#N/A	#N/A
	Outlier Critical Value			0.71	#DIV/0!	0.71	0.71	#DIV/0!	0.71	0.71	0.71	#DIV/0!	[illegible]	#VALUE!	#DIV/0!	0.71	#DIV/0!