

Table 2	2011 MOE Soil Standards (other than sediment) µg/g	BH-25	BH-26	BH-27	BH-29	BH-30	BH-10	BH-2	BH-3			
		Residential/ Parkland/Institutional Property Use										
Acenaphthene	(29) 7.9	0.033	0.032	0.078	0.043	0.091	0.031	0.04	0.022			
Acenaphthylene	(0.17) 0.15	0.092	0.093	0.12	0.092	0.08	0.063	0.041	0.044			
Aluminum		13000	14000	13000	15000	14000	14000	11000	15000			
Anthracene	(0.74) 0.67	0.12	0.15	0.21	0.2	1.3	0.12	0.11	0.076			
Antimony	7.5	<5	<5	<5	<5	<5	<5	<5	<5			
Arsenic	18	10	10	10	10	10	10	5	10			
Barium	390	130	140	130	160	140	130	110	140			
Benzene	(0.17) 0.21											
Benzo[a]anthracene	(0.63) 0.5	0.35	0.52	0.41	0.29	0.2	0.2	0.19	0.18			
Benzo[a]pyrene	0.3	0.5	1.2	0.51	0.38	0.24	0.3	0.21	0.24			
Benzo[b]fluoranthene	0.78	0.56	1	0.64	0.48	0.29	0.4	0.28	0.29			
Benzo[ghi]perylene	(7.8) 6.6	0.54	1.3	0.52	0.42	0.24	0.32	0.2	0.26			
Benzo[k]fluoranthene	0.78	0.27	0.52	0.31	0.21	0.2	0.2	0.14	0.14			
Beryllium	(5) 4	0.6	0.63	0.6	0.7	0.6	0.65	0.53	0.63			
Boron (total)	120	19	17	17	20	11	11	13	22			
Cadmium	1.2	3.1	2.5	1.9	2.7	3	3	0.5	3.1			
Calcium		87000	84000	92000	73000	60000	89000	100000	93000			
Chromium Total	160	29	30	30	35	44	32	20	34			
Chrysene	(7.8) 7	0.31	0.46	0.38	0.29	0.19	0.24	0.18	0.17			
Cobalt	22	8.2	9.6	10	5	8.2	8.6	11	11			
Copper	(180) 140	140	230	99	100	100	260	59	150			
Dibenzo[a,h]anthracene	0.1	0.11	0.33	0.13	0.096	0.05	0.078	0.05	0.054			
Fluoranthene	0.69	0.67	0.74	0.81	0.72	0.53	0.53	0.42	0.37			
Fluorene	(69) 62	0.044	0.035	0.04	0.04	0.13	0.042	0.05	0.028			
Indeno[1,2,3-cd]pyrene	(0.48) 0.38	0.44	1	0.4	0.3	0.22	0.27	0.18	0.22			
Iron		31000	31000	30000	35000	33000	33000	26000	32000			
Lead	120	170	150	280	200	250	180	97	180			
Magnesium		11000	11000	11000	10000	8500	12000	10000	13000			
Manganese		520	530	490	610	510	540	440	530			
Molybdenum	6.9	1.5	1.5	1.5	1.5	2.5	3.5	0.5	1.5			
Naphthalene	(0.75) 0.6	0.18	0.18	0.24	0.25	0.25	0.2	0.25	0.16			
Nickel	(130) 100	48	48	39	48	47	56	38	71			
Petroleum Hydrocarbons F1****	(65) 55	10	<10	<10	<10	<10	<10	<10	<10			
Petroleum Hydrocarbons F2	(150) 98	<40	<40	<40	<40	<40	<10	12	11			
Petroleum Hydrocarbons F3	(1300) 300	<45	45	330	660	630	110	240	130			
Petroleum Hydrocarbons F4	(5600) 2800	120	120	200	340	340	<50	170	110			
Phenanthrene	(7.8) 6.2	0.39	0.49	0.65	0.67	0.54	0.39	0.39	0.25			
Phosphorus		350	600	350	650	650	600	550	550			
Potassium		2700	2600	2700	2900	2300	3000	2100	2800			
Pyrene	78	0.77	0.85	0.86	0.79	0.52	0.52	0.42	0.39			
Selenium	2.4	<5	<5	<5	<5	<5	<5	<5	<5	Detection limit exceeds standard		
Silver	(25) 20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2			
Strontium		150	150	160	130	110	150	160	150			
Sulphur		850	700	1100	1100	600	1100	550	1300			
Thallium	1	10	10	10	10	10	10	10	10			
Tin		13	10	15	13	78	50	7.5	13			
Titanium		690	640	560	630	710	540	540	510			
Vanadium	86	30	31	30	33	31	31	28	30			
Zinc	340	730	940	970	870	850	720	280	1200			
Sodium	NA	600	500	400	350	350	450	350	400			
Results exceed Table 2 residential/parkland/institutional standards												