

Clay Pits Soil Analytical Results Summary

Borehole-Depth -->	CP1-20	CP1-27	CP1-37	CP2-19	CP2-34	CP2-40	CP3-24	CP3-30	CP3-50	CP3-62	Duplicate	CP4-15	CP4-41	CP4-54	CP5-24	CP5-34	CP5-43	CP6-15	CP6-24	CP6-35	
Analyte									Duplicate		RPD /RER										
ARSENIC (mg/kg)	5.2	84	2.3	29	5	33	1,400	110	6.4	8.3	26	26	1.5	5.8	89	220	2.2	1.8	160	520	
LEAD (mg/kg)	63	170	13	570	54	130	1,100	300	32	66	69	490	17	75	290	160	11	22	650	30,000	
MERCURY (mg/kg)	0.26	0.32	0.045	4.6	0.076	0.35	0.8	1.5	0.31	0.17	58	1.2	0.066	0.092	0.35	0.29	0.22	0.036	0.27	20	
MOLYBDENUM (mg/kg)	1.6	10	1.1 U	11	1.5	2.7	9.6	28	1.3	1.1	17	11	1.1	1.2	15	93	1.1	1.1	6.2	10	
VANADIUM (mg/kg)	29	34	26	90	25	23	23	49	54	41	27	44	40	26	39	45	43	20	26	42	
Ra-226 (pCi/g)	2.18	1.99	1.22	11.7	1.97	0.91	2.19	3.78	1.12	1.45	0.7	8.7	1.71	1.34	1.45	2.36	1.45	1.52	1.6	2.07	
Ra-228 (pCi/g)	0.91	2.35	0.91	2.81	1.79	1.24	1.91	2.27	1.04	1.21	0.2	3.27	1.39	1.19	1.33	1.65	0.84	1.9	2.07	1.12	
Th-227 (pCi/g)	-4	-0.4	-0.08	-2	-0.15	0.22	-0.3	0.08	-0.25	0.27	0.4	-4	0.3	-0.13	-0.1	0.36	-0.23	-0.19	-0.2	0.34	
Th-228 (pCi/g)	0.66 J	2.02	0.77 J	2.23	1.73	0.9	1.12 J	2.01	0.65	0.67	0.1	2.57	0.87	1.12	0.81	1.33	0.81	1.5	1.63	0.72 J	
Th-229 (pCi/g)	1.63	1.56	1.66	1.69	1.69	1.62	1.73	1.64	1.58	1.58	0.0	1.66	1.66	1.58	1.66	1.4	1.64	1.61	1.74	1.57	
Th-230 (pCi/g)	0.7	1.24	0.336	12.4	1.06	0.45	0.93	2.06	0.394	0.48	0.6	5.07	0.68	0.53	0.62	1.11	0.65	0.48	0.84	1.17	
Th-232 (pCi/g)	0.62	2.06	0.78	1.99	1.74	0.88	1.15	1.76	0.65	0.66	0.1	2.29	0.96	1.02	0.89	1.2	0.78	1.42	1.54	0.74	
Th-234 (pCi/g)	1.2	0.8	-0.8	8	1.2	0.41	3.4	3.7	1.7	1.4	0.1	4.3	3.8	1.5	-0.4	3.2	-2	0.9	0.8	-1.1	
U-232 (pCi/g)	1.41	1.69	1.77	3.41	1.66	1.69	1.52	1.72	1.65	1.58	0.2	1.57	1.6	1.73	1.75	1.63	1.88	1.42	1.52	1.32	
U-234 (pCi/g)	1	1.2	0.73	12	1.34	0.86	1.34	2.13	0.79	0.81	0.1	4.73	1.18	0.67	0.8	1.27	0.95	0.88	1.05	1.68	
U-235 (pCi/g)	0.29	-0.75	-0.12	-0.06	-0.29	0.15	0.42	0.01	-0.18	-0.85	0.7	0.1	0.32	-0.47	-0.14	0.36	0.31	0.15	0.28	0.16	
U-238 (pCi/g)	0.88	1.15	0.68	12.1	1.23	0.78	1.21	2.08	0.84	0.9	0.2	5.1	1.03	0.79	0.79	1.3	0.95	0.91	1.02	1.46	

U = The material was analyzed for, but was not detected above the level of the associated value. The associated value is either the sample quantification limit or the sample detection limit.

J = The associated numerical value is an estimated quantity because the Quality Control criteria were not met.

RPD = Relative Percent Difference for metals duplicate analysis

RER = Relative Error Ratio for isotopic duplicate analysis