

007313

**2002 Mineral Assessments - Proposed Pickhandle Lakes SMA
EMR Stream Sediment Silt Sample Geochemistry**

Sample Number	Albers X	Albers Y	Sample Type	Project	Ba ppm	Cr ppm	Ga ppm	La ppm	Mn ppm	Sr ppm	V ppm	Zn ppm	Al %	Ag ppm	As ppm	Au ppb	B ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cu ppm	Fe %	Hg ppm	K %
176461	85949.53	855991.56	silt	Pickhandle	74	58	5	7	435	34	99	53	1.26	0.05	4.9	0.25	5	0.05	0.74	0.1	13.8	29.6	3.23	0.09	0.06
176532	85993.20	855964.74	silt	Pickhandle	119	59	5	9	667	46	78	75	1.55	0.1	7.4	2.1	6	0.1	0.97	0.2	16	50.6	3.04	0.02	0.09
176536	98079.27	842040.33	silt	Pickhandle	53	88	6	7	391	28	251	56	0.85	0.05	4.9	0.9	5	0.1	0.64	0.1	14.6	23.6	6.02	0.5	0.04

**2002 Mineral Assessments - Proposed Pickhandle Lakes SMA
EMR Soil Sample Geochemistry**

Sample Number	Albers X	Albers Y	Sample Type	Project	Ba ppm	Cr ppm	Ga ppm	La ppm	Mn ppm	Sr ppm	V ppm	Zn ppm	Al %	Ag ppm	As ppm	Au ppb	B ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cu ppm	Fe %	Hg ppm	K %
176534	85874.39	855974.03	soil	Pickhandle	117	29	5	10	688	94	101	65	1.15	0.1	7.3	1.1	5	0.1	4.52	0.1	15.1	36.2	3.47	0.01	0.07

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Sample Number	Mg %	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sc ppm	Th ppm	Ti %	Tl ppm	U ppm	W ppm	Utmzone	X	Y	Datum	Date	Person	Quality
176461	0.95	0.4	0.027	28	0.092	2.3	0.025	0.3	3.3	1.6	0.095	0.1	0.4	0.1	07V	530631	6870578	NAD83	20020910	JvR	poor
176532	1.11	0.5	0.04	35.2	0.105	4.2	0.07	0.4	4.7	1.8	0.101	0.1	0.7	0.1	07V	530678	6870558	NAD83	20020910	RS	poor
176536	0.69	0.4	0.015	22.3	0.099	2.2	0.025	0.3	2.3	2.1	0.12	0.1	0.3	0.2	07V	544511	6858377	NAD83	20020911	RS	fair

Sample Number	Mg %	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sc ppm	Th ppm	Ti %	Tl ppm	U ppm	W ppm	Utmzone	X	Y	Datum	Date	Person	Quality
176534	1.36	0.7	0.088	29.3	0.089	4.2	0.025	0.4	6.3	1.7	0.12	0.1	0.5	0.1	07V	530559	6870551	NAD83	20020910	RS	fair

Sample Number	Description
176461	silt on North side of river but suspect disturbed gravels for bridge construction; marble and schist rounded cobbles near sample site and contains a high ash content
176532	fine black clay and organics on an organic stream bed. Upstream from Koidern No. 2 bridge.
176536	Koidern River. Lake Campground. Silt with grey-white ash. Granodiorite, grey quartzite, greenston, tan quartzite, maroon chert, phyllite, gneiss and quartz pebbles

Sample Number	Description
176534	Till sample. Fine silt and clay matrix with abundant cobble to boulder clasts. Including grey qtzite/diss py, light grey qtzite, light grey limestone, f.g. green mafic volcanic, hbl'd diorite, coarse grained granite, black,...