

2010 SOIL GEOCHEMICAL ASSESSMENT REPORT

Property Comprising the Following Claims:

Chiko 1 to 10, Dice 1 to 9, 11-14, K57 to K60 and K85

Located in the:
Keno Hill Area
Mayo Mining District
Yukon Territory, Canada
N.T.S. 105M/14

Latitude: 63° 57' N
Longitude: 135° 10' W

PREPARED FOR:

Alexco Resource Corp.
1150-200 Granville Street
Vancouver, B.C. V6C 1S4

and

PREPARED BY:

Richard Lippoth, MS, Geologist

Alexco Resource Corp.
1150-200 Granville St.
Vancouver, B.C. V6C 1S4

DATES WORK PERFORMED:

Soil Sampling, Aug. 8, 2010
Road Improvement, Sept. 18, 2010

DATE OF REPORT:

December 15, 2010

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1.0 SUMMARY

Three lines of soil samples were collected on Chiko 1 and Chiko 2 quartz mining claims located near the summit of Galena Hill. In addition, an existing but badly overgrown road providing access to the claims was made passable again to motor vehicles. The road work included the installation of a culvert on the upper reaches of Flat creek. Analysis of the soil samples did not return any obviously anomalous results, either because no mineralization occurs in the immediate area or the overburden covering bedrock has been transported and does not represent the underlying bedrock.

2.0 INTRODUCTION

This report summarizes work completed during the 2010 field season on the contiguous Chiko, Dice, K57, K58, K59, K60 and K85 full and fractional quartz claims located in the Keno Hill silver district. Work for assessment purposes was conducted on August 8, and Sept. 18, 2010. Planning, supervision, implementation and reporting of this work were performed by Alexco Resource Corp. staff.

Evidence of past work on the property can be seen in the form of surface trenches excavated at a few locations. No information is available on when these excavations were made or their target (if any). A casual examination of the trenches did not reveal any obvious mineralized material or evidence of structures.

3.0 LOCATION AND ACCESS

The properties are located at Keno Hill in the Mayo Mining District approximately 350 km north of Whitehorse (Figure 1). The area is covered by NTS map sheets 105M/14. The reference datum used is UTM NAD83 Zone 8, unless otherwise noted.

Access to the property can be had via the Silver Trail highway connecting the villages of Mayo and Keno City. A road branching at the abandoned company town of Elsa climbs up the flank of Galena Hill into the headwaters of Flat Creek eventually crossing the Chiko and Dice group of claims. Alexco maintains an office and camp at Elsa.



FIGURE 1, KENO HILL, YUKON LOCATION MAP

4.0 CLAIM STATUS

The contiguous full and fractional quartz claims on which assessment work was conducted are held by two sister companies: Alexco Keno Hill Mining Corp. (Quartz claims K57- K60 and K85 plus Chiko 1 – Chiko 10), Elsa Reclamation and Development Co., Ltd. (Dice 1-9, Dice 11-14). All full and fractional quartz claims covered by this report are active having been staked in 1979, 2000 and 2005.

A complete list of claims pertaining to this assessment report may be found in Appendix 1. Figure 2 is a claim location map. A cost statement and list of personnel related to the application of Certificates of Work are included as Appendices 2 and 3.

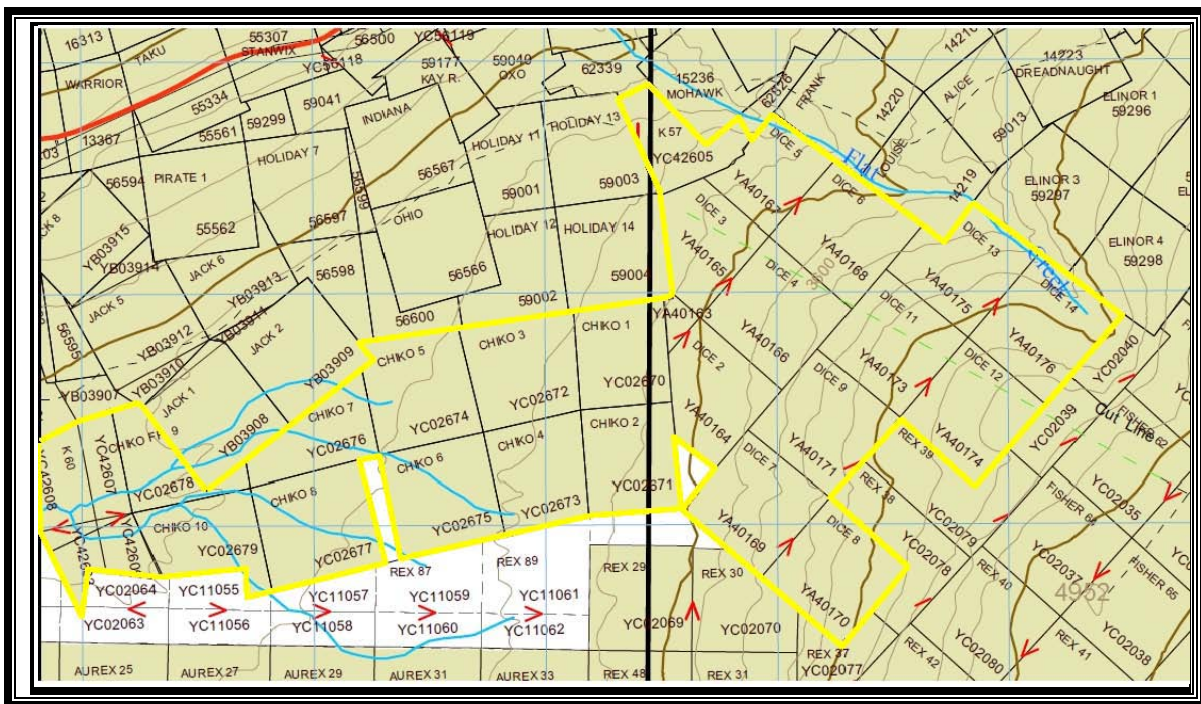


FIGURE 2 OUTLINE SHOWING CLAIM GROUP LOCATION

5.0 REGIONAL GEOLOGY

The property is situated within the western part of the Selwyn Basin in an area dominated by deformed and metamorphosed sediments accumulated at the edge of the Neoproterozoic to Paleozoic continental margin. During the Jurassic and Cretaceous, the area was subjected to compressional tectonic forces producing imbricate thrust sheets and widespread folding. In the mid-Cretaceous, renewed tectonism resulted in extensive brittle deformation and the emplacement of intrusive plutons.

Rocks thought to underlie the claim area include the Keno Hill Quartzite (Mississippian) host to most of the past producing ore bodies in the Keno Hill Camp. Structurally juxtaposed below the quartzite is the Lower Schist which has been correlated with the Devonian-Mississippian Earn Group. Overlying the quartzite in thrust contact is the Upper Schist (Hyland Group, pre-Cambrian to Cambrian).

6.0 PROPERTY GEOLOGY

A variety of mineral deposits occur near the claim areas, mainly localized by veins cutting interbanded quartzites and schists (Figure 3). In detail the structures controlling the distribution of mineralization form generally northeast trending zones that dip to the south. Intersecting structures are often important sites of mineral deposition where sufficiently brittle host rocks produce permeable fluid pathways.

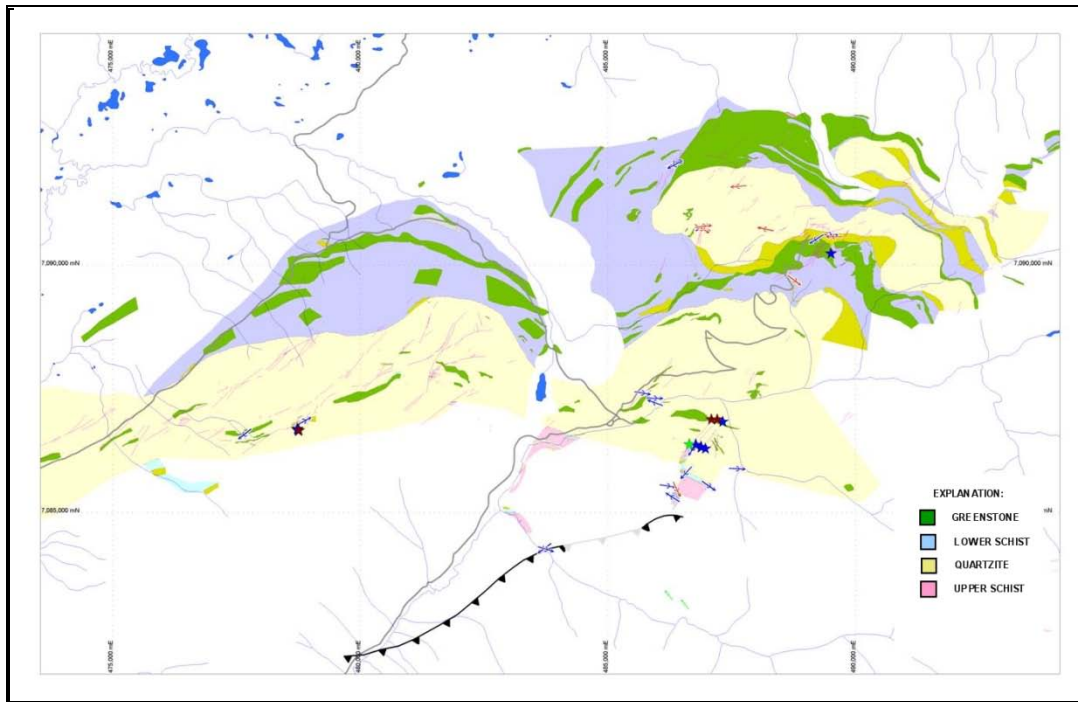


FIGURE 3 KENO HILL DISTRICT GEOLOGY MAP

7.0 2010 SOIL SAMPLING WORK PROGRAM

Soil samples were collected in three lines across the Chiko 1 and Chiko 2 (Figure 4). All work was performed by geologists in the employ of Alexco Resource Corp. Soil sample characteristics were recorded in the field and entered into standardized spreadsheets (Appendix 5). Analysis of the samples for 36 elements by the ICP method was carried out by AGAT Laboratories of Burnaby, B.C. with the results appended in Appendix 6.

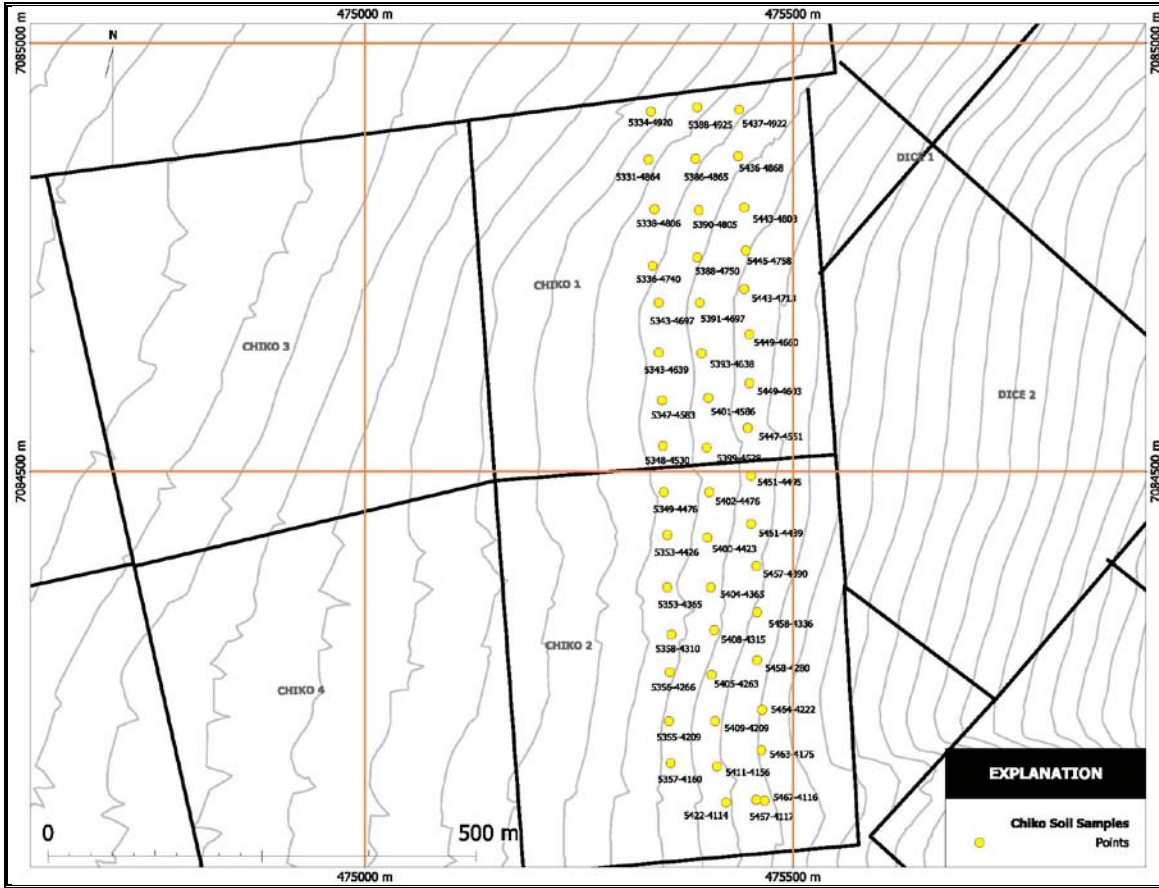


FIGURE 4 MAP SHOWING SOIL SAMPLE LOCATIONS

Soil Sampling Results

The small number of soil samples collected precludes any meaningful statistical analysis of the results, but given the long history of soil sampling in the Keno Hill district, beginning with the pioneering work of R. W. Boyle in the 1950's, background values for elements associated with mineralization are suggested as follows:

- Ag..... 0.5ppm
- Au..... 50ppb
- Pb.....40ppm
- Zn.....100ppm
- Cu.....35ppm
- As.....50ppm
- Sb.....5ppm

Truly anomalous values for elements of interest can be roughly expected to exceed twice the background (R. W. Boyle, *Geochemical Prospecting*, 1971). Although one of the Chiko soil samples (5467-4116) contained 224 ppm Zn, the sample contained no other anomalous elements and none of the nearby samples showed any heightened levels of metals typically found in mineral deposits at Keno Hill.

8.0 ROAD IMPROVEMENT

Excavation contractor Ewing Transport made use of a D7 Caterpillar tractor and tracked excavator to clear an existing road of small trees and brush so that it was again passable to motor vehicles. The road crosses the upper portion of Flat Creek and a new culvert was installed at this point. The trace of the road where it crosses the claim group is shown on Figure 5.

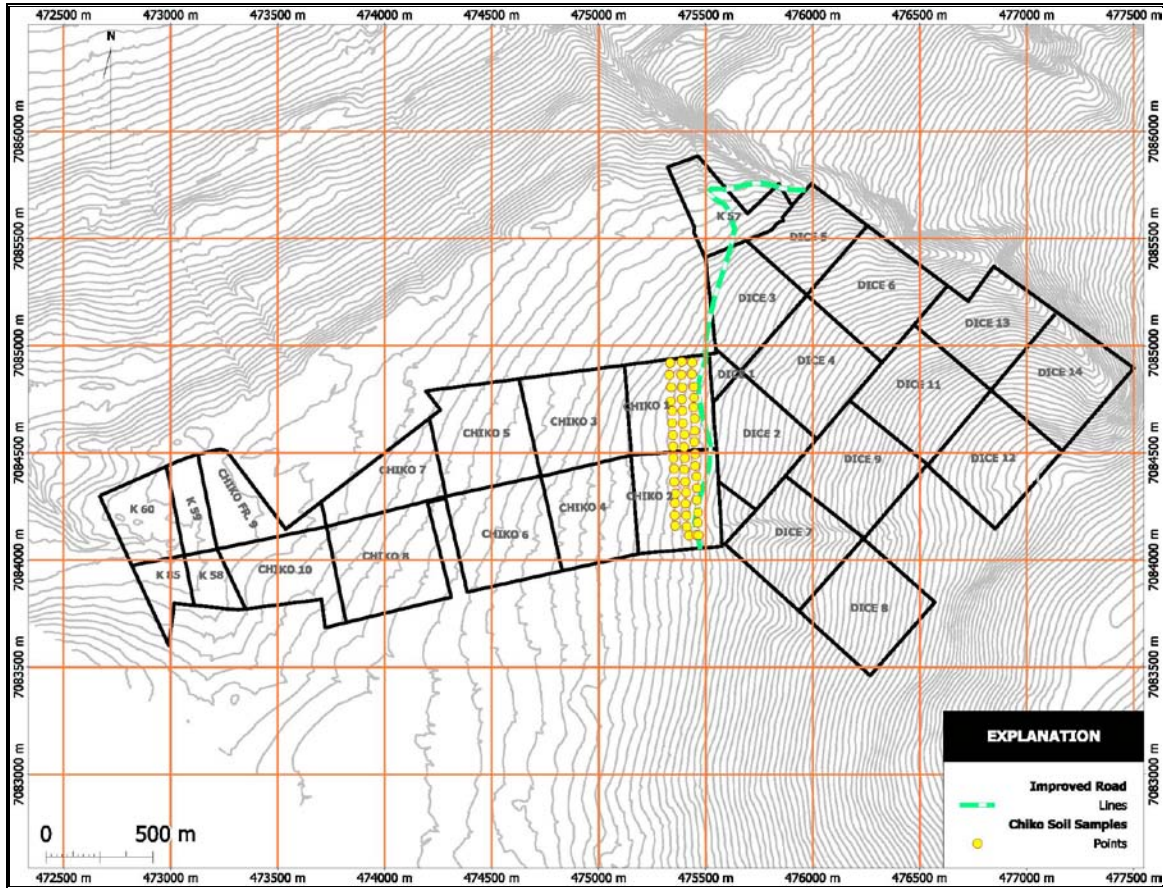


FIGURE 5 MAP SHOWING ROAD IMPROVEMENTS

9.0 CONCLUSIONS AND RECOMMENDATIONS

Analysis of the soil samples did not return any obviously anomalous results, either because no mineralization occurs in the immediate area or the overburden covering bedrock has been transported and does not represent the underlying bedrock. To better evaluate the geochemistry of bedrock in the Chiko area it may be necessary to excavate to greater depth either by auger holes or trenching.

APPENDIX 1

LIST OF CLAIMS

LIST OF CLAIMS

Claim Name	Grant No.	Owner	Date Recorded	Expiration Date*
Chiko 1	YC02670	Alexco Keno Hill Mining Corp.	10/27/2000	12/31/2014
Chiko 2	YC02671	Alexco Keno Hill Mining Corp.	10/27/2000	12/31/2014
Chiko 3	YC02672	Alexco Keno Hill Mining Corp.	10/27/2000	12/31/2014
Chiko 4	YC02673	Alexco Keno Hill Mining Corp.	10/27/2000	12/31/2014
Chiko 5	YC02674	Alexco Keno Hill Mining Corp.	10/27/2000	12/31/2014
Chiko 6	YC02675	Alexco Keno Hill Mining Corp.	10/27/2000	12/31/2014
Chiko 7	YC02676	Alexco Keno Hill Mining Corp.	10/27/2000	12/31/2014
Chiko 8	YC02677	Alexco Keno Hill Mining Corp.	10/27/2000	12/31/2014
Chiko 9	YC02678	Alexco Keno Hill Mining Corp.	10/27/2000	12/31/2014
Chiko 10	YC02679	Alexco Keno Hill Mining Corp.	10/27/2000	12/31/2014
Dice 1	YA40163	Elsa Reclamation & Dev. Co.	6/29/1979	12/29/2014
Dice 2	YA40164	Elsa Reclamation & Dev. Co.	6/29/1979	12/29/2014
Dice 3	YA40165	Elsa Reclamation & Dev. Co.	6/29/1979	12/29/2014
Dice 4	YA40166	Elsa Reclamation & Dev. Co.	6/29/1979	12/29/2014
Dice 5	YA40167	Elsa Reclamation & Dev. Co.	6/29/1979	12/29/2014
Dice 6	YA40168	Elsa Reclamation & Dev. Co.	6/29/1979	12/29/2014
Dice 7	YA40169	Elsa Reclamation & Dev. Co.	6/29/1979	12/29/2014
Dice 8	YA40170	Elsa Reclamation & Dev. Co.	6/29/1979	12/29/2014
Dice 9	YA40171	Elsa Reclamation & Dev. Co.	6/29/1979	12/29/2014
Dice 11	YA40173	Elsa Reclamation & Dev. Co.	6/29/1979	12/29/2014
Dice 12	YA40174	Elsa Reclamation & Dev. Co.	6/29/1979	12/29/2014
Dice 13	YA40175	Elsa Reclamation & Dev. Co.	6/29/1979	12/29/2014
Dice 14	YA40176	Elsa Reclamation & Dev. Co.	6/29/1979	12/29/2014
K 57	YC42605	Alexco Keno Hill Mining Corp.	12/15/2005	12/15/2014
K 58	YC42606	Alexco Keno Hill Mining Corp.	12/15/2005	12/15/2014
K 59	YC42607	Alexco Keno Hill Mining Corp.	12/15/2005	12/15/2014
K 60	YC42608	Alexco Keno Hill Mining Corp.	12/15/2005	12/15/2014
K 85	YC42633	Alexco Keno Hill Mining Corp.	12/15/2005	12/15/2014

*Subject to government acceptance of this assessment report

APPENDIX 2

LIST OF PERSONNEL

LIST OF PERSONNEL

Personnel:

Richard Lippoth
3890 N. Nicklaus Drive
Coeur d'Alene, ID 83815

Joann Anderson
496 Burnt Church Rd.
Burnt Church, NB E9G 2G3

Stephanie Savidant
2-355 Duthie Ave.
Burnaby, BC V5A 2P3

Kristin Chislett
8601-100 A St.
Grande Prairie, AB T8V 3C4

Stephanie Nicholls
202-1106 West 11th Ave.
Vancouver, BC V6H 1K3

Linette MacInnis
20 Paper Birch Place
Upper Tantallon, NS B32 1C8

APPENDIX 3

STATEMENT OF EXPENDITURES

**COST STATEMENT - Alexco Exploration Canada Corp.
2010 Assessment Filing**

Grant No.	Claim	Soil Analyses	Geologist Wage + Room & Board	Road Improvement	Field Prep./Report	EST. TOTAL
YC02670	Chiko 1	\$352.50	\$990.00	\$509.25	\$25/\$300	\$2176.75
YC02671	Chiko 2	\$352.50	\$990.00	\$509.25	\$25/\$300	\$2176.75
YA40165	Dice 3			\$509.25	\$25/\$100	\$634.25
YC42605	K 57			\$509.25	\$25/\$100	\$634.25

Total \$5622.00

APPENDIX 4

STATEMENT OF QUALIFICATIONS

**STATEMENT OF QUALIFICATIONS
RICHARD LIPPOTH**

I, Richard E. Lippoth of 3890 N. Nicklaus Drive, Coeur d'Alene, Idaho, USA,
DO HEREBY CERTIFY:

- 1 THAT, I am a senior geologist with Alexco Resource Corp., 1150-200 Granville Street, Vancouver, BC, V6E 1S4
- 2 THAT, I have practiced my profession with various mining companies in the Yukon, Idaho, Utah, Colorado, Montana, Nevada and Australia for 25 years.
- 3 THAT, I am graduate of the University of Utah holding an M.S. in Geology and in addition a B.S. in Mining Engineering from the Colorado School of Mines.
- 4 THAT, I am a member of the Society of Economic Geologists.
- 5 THAT, I am a member of the American Institute of Professional Geologists, and am Certified Professional Geologist #11185.
- 6 THAT, this report is based on work which I personally participated in during the year 2010.
- 7 THAT, I have no interest in the property described herein, nor do I expect to receive any such interest.

DATED at Coeur d'Alene, Idaho, this 15th day of December, 2010.



Richard E. Lippoth

APPENDIX 5

SOIL SAMPLE DESCRIPTIONS

UTM Easting	UTM Northing	Sample Number	Slope Dip	Slope face	Vegetation	Sample Depth (cm)	Soil Horizon	Colour	Soil Type Texture	Bedrock Lithology
475422	7084114	5422-4114	gentle	S	moss/alders	20	A	med. Brown	organics	n/a
475411	7084156	5411-4156	gentle	W	moss/alders	20	A/B	grey brown	clay, organics, rocks	graphitic schist
475409	7084209	5409-4209	flat		moss/alders	25	B	grey	clay	schist
475405	7084263	5405-4263	flat		moss/alders	35	B	yellow brown	clay	graphitic schist
475408	7084315	5408-4315	gentle	S	moss/alders	35	B	grey brown	clay	graphitic schist
475404	7084365	5404-4365	flat		moss/alders	20	B	brown	clay	schist
475400	7084423	5400-4423	flat		moss/alders	30	A/B	dark brown	clay, permafrost	n/a
475402	7084476	5402-4476	flat		moss/alders	50	A/B	dark brown	clay, organics	n/a
475399	7084528	5399-4528	flat		moss/alders	30	A/B	grey brown	clay, organics	thin bedded qtzite.
475401	7084586	5401-4586	flat		moss/alders	35	A/B	grey brown	clay	qtzite.
475393	7084638	5393-4638	flat		moss/alders	30	A/B	dark brown	clay, organics	n/a
475391	7084697	5391-4697	flat		moss/alders	5	B/C	tan brown	clay, rock	thin bedded qtzite.
475388	7084750	5388-4750	flat		moss/alders	35	A/B	dark brown	organics, clay	thin bedded qtzite.

UTM Easting	UTM Northing	Sample Number	Slope Dip	Slope face	Vegetation	Sample Depth (cm)	Soil Horizon	Colour	Soil Type Texture	Bedrock Lithology
475390	7084805	5390-4805	flat		moss/alders	20	A/B	grey brown	rocks, organics	thin bedded qtzite.
475457	7084117	5457-4117	flat		moss/trees	5	A	dark brown	silty, sand	n/a
475357	7084160	5357-4160	gentle	SW	moss/trees	8	A	grey brown	silty, sand	schist
475355	7084209	5355-4209	gentle	W	moss/brush	15	A	dark brown	clay, peat	n/a
475356	7084266	5356-4266	gentle	W	moss/brush	20	A	dark grey	clay, silt	n/a
475358	7084310	5358-4310	flat		moss/brush	20	B	dark grey	clay	n/a
475353	7084365	5353-4365	gentle	W	moss/trees	20	B	dark grey	clay, silt	n/a
475353	7084426	5353-4426	gentle	NW	moss/trees	20	B	dark grey brown	clay, silt	n/a
475349	7084476	5349-4476	gentle	NW	moss/trees	15	A	dark grey brown	clay, silt	n/a
475348	7084530	5348-4530	flat		moss/trees	5	A	lt. grey brown	clay, silt	schist
475347	7084583	5347-4583	gentle	NW	moss/trees	10	A	dk brown black	silt clay	n/a
475343	7084639	5343-4639	gentle	W	moss/trees	10	A	lt. grey brown	clay	n/a
475343	7084697	5343-4697	gentle	NW	moss/trees	20	A	dk brown black	clay	n/a

UTM Easting	UTM Northing	Sample Number	Slope Dip	Slope face	Vegetation	Sample Depth (cm)	Soil Horizon	Colour	Soil Type Texture	Bedrock Lithology
475336	7084740	5336-4740	flat		moss/trees	12	A	black	silty	n/a
475338	7084806	5338-4806	gentle	SW	moss/trees	12	A	dark brown	silty clay	n/a
475467	7084116	5467-4116	flat		alders	35	A	dark brown	silty sand	n/a
475463	7084175	5463-4175	shallow	SW	alder/spruce	15	A	grey	silty clay	schist
475458	7084280	5458-4280	shallow	SW	spruce	14	A	med grey	coarse sand	schist
475458	7084336	5458-4336	moderate	SW	moss	45	A	dark brown	silt	n/a
475457	7084390	5457-4390	shallow	SW	moss/spruce	15	A	med brown grey	silty clay	n/a
475451	7084439	5451-4439	shallow	W	spruce/alder	25	A	med grey brown	silt	n/a
475451	7084495	5451-4495	shallow	WS W	spruce/alder	30	A	dark grey	silty clay	n/a
475447	7084551	5447-4551	shallow	NW	moss/spruce	25	A	black	silt	n/a
475449	7084660	5449-4660	shallow	NW	alders	15	A	grey tan	silty sand	schist, qtz
475443	7084713	5443-4713	shallow	NW	alders/moss	15	A	tan grey	silty clay	schist
475445	7084758	5445-4758	flat		alders/moss	30	A	tan brown	sandy	n/a

UTM Easting	UTM Northing	Sample Number	Slope Dip	Slope face	Vegetation	Sample Depth (cm)	Soil Horizon	Colour	Soil Type Texture	Bedrock Lithology
475443	7084808	5443-4808	flat		spruce	45	A	dark brown	silty clay	schist
475436	7084868	5436-4868	shallow	N	spruce/moss	13	A	tan grey	silty clay	schist
475437	7084922	5437-4922	flat		spruce/moss	50	A	blue grey	clay	schist
475331	7084864	5331-4864	shallow	NW	alders/moss	60	A	dark brown	silty clay	schist
475334	7084920	5334-4920	flat		alders	25	A	dk grey black	clay	schist
475388	7084925	5388-4925	shallow	NW	spruce	45	A	dk grey brown	silt	schist
475386	7084865	5386-4865	shallow	NW	moss/spruce	20	A	tan black	silt	schist, qtz
475464	7084222	5464-4222	shallow	SW	spruce/moss	17	A	med tan grey	silty clay	schist
475449	7084603	5449-4603	flat	NW	grassy	10	A	light grey	silt	schist
475422	7084114	5422-4114	gentle	S	moss/alders	20	A	med. Brown	organics	n/a
475411	7084156	5411-4156	gentle	W	moss/alders	20	A/B	grey brown	clay, organics, rocks	graphitic schist
475409	7084209	5409-4209	flat		moss/alders	25	B	grey	clay	schist
475405	7084263	5405-4263	flat		moss/alders	35	B	yellow brown	clay	graphitic schist

UTM Easting	UTM Northing	Sample Number	Slope Dip	Slope face	Vegetation	Sample Depth (cm)	Soil Horizon	Colour	Soil Type Texture	Bedrock Lithology
475408	7084315	5408-4315	gentle	S	moss/alders	35	B	grey brown	clay	graphitic schist
475404	7084365	5404-4365	flat		moss/alders	20	B	brown	clay	schist
475400	7084423	5400-4423	flat		moss/alders	30	A/B	dark brown	clay, permafrost	n/a
475402	7084476	5402-4476	flat		moss/alders	50	A/B	dark brown	clay, organics	n/a
475399	7084528	5399-4528	flat		moss/alders	30	A/B	grey brown	clay, organics	thin bedded qtzite.
475401	7084586	5401-4586	flat		moss/alders	35	A/B	grey brown	clay	qtzite.
475393	7084638	5393-4638	flat		moss/alders	30	A/B	dark brown	clay, organics	n/a
475391	7084697	5391-4697	flat		moss/alders	5	B/C	tan brown	clay, rock	thin bedded qtzite.
475388	7084750	5388-4750	flat		moss/alders	35	A/B	dark brown	organics, clay	thin bedded qtzite.
475390	7084805	5390-4805	flat		moss/alders	20	A/B	grey brown	rocks, organics	thin bedded qtzite.
475457	7084117	5457-4117	flat		moss/trees	5	A	dark brown	silty, sand	n/a
475357	7084160	5357-4160	gentle	SW	moss/trees	8	A	grey brown	silty, sand	schist
475355	7084209	5355-4209	gentle	W	moss/brush	15	A	dark brown	clay, peat	n/a

UTM Easting	UTM Northing	Sample Number	Slope Dip	Slope face	Vegetation	Sample Depth (cm)	Soil Horizon	Colour	Soil Type Texture	Bedrock Lithology
475356	7084266	5356-4266	gentle	W	moss/brush	20	A	dark grey	clay, silt	n/a
475358	7084310	5358-4310	flat		moss/brush	20	B	dark grey	clay	n/a
475353	7084365	5353-4365	gentle	W	moss/trees	20	B	dark grey	clay, silt	n/a
475353	7084426	5353-4426	gentle	NW	moss/trees	20	B	dark grey brown	clay, silt	n/a
475349	7084476	5349-4476	gentle	NW	moss/trees	15	A	dark grey brown	clay, silt	n/a

APPENDIX 6

SOIL SAMPLE ANALYSES

	A	B	C	D	E	F	G	H	I	J	K	L
1	ELEMENT	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Ce
2	UNIT	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
3	DETECTION	0.5	0.01	1	1	0.5	1	0.01	0.5	0.5	0.5	1
4	5331-4864	<0.5	4.32	14	923	1.4	<1	2.96	<0.5	9.2	45.9	23
5	5334-4920	<0.5	4.74	31	981	1.6	<1	2.33	0.6	14.1	52.2	23
6	5336-4740	<0.5	2.19	12	505	0.7	<1	2.97	<0.5	5.6	25.4	16
7	5338-4806	<0.5	4.05	14	802	1.2	<1	2.79	<0.5	9.1	43.1	21
8	5343-4639	<0.5	5.29	17	1190	2	<1	0.84	<0.5	13.7	62.7	33
9	5343-4697	<0.5	4.57	21	1020	1.5	<1	2.63	0.6	10.7	52.3	20
10	5347-4583	<0.5	4.53	19	881	1.5	<1	2.46	<0.5	11.1	46.3	29
11	5348-4530	<0.5	4.73	17	1050	2	<1	0.67	<0.5	13.2	68.8	35
12	5349-4476	<0.5	4.64	18	846	1.9	<1	1.02	<0.5	11.8	56.7	39
13	5353-4365	<0.5	4.55	22	981	1.8	<1	2.02	<0.5	14.2	59.8	31
14	5353-4426	<0.5	3.98	19	914	1.9	<1	2.02	<0.5	13.7	59.8	26
15	5355-4209	<0.5	3.56	25	1270	1.5	<1	2.28	0.6	9.1	48.6	14
16	5356-4266	<0.5	4.55	20	1070	1.8	<1	1.16	<0.5	12.7	60.4	30
17	5357-4160	<0.5	4.81	15	1100	2.1	<1	0.7	<0.5	12.5	65.4	17
18	5358-4310	0.5	6.45	31	1310	2.5	<1	0.84	0.6	18	93.2	20
19	5386-4865	<0.5	5.16	15	1090	1.8	<1	1.2	<0.5	13.8	63.7	34
20	5388-4750	<0.5	5.11	13	1030	1.9	<1	1.26	<0.5	12.2	61.4	36
21	5388-4925	<0.5	4.89	23	1090	1.8	<1	2.37	<0.5	11.9	60.3	28
22	5390-4805	<0.5	4.09	27	1130	2.1	<1	0.83	0.6	18.6	61	40
23	5391-4697	<0.5	4.33	16	929	1.7	<1	0.86	<0.5	11.8	53.2	37
24	5393-4638	<0.5	3.88	11	1190	2.1	<1	0.75	<0.5	12.6	69.4	26
25	5399-4528	<0.5	4.49	14	843	1.8	<1	0.94	<0.5	11.1	54.2	31
26	5400-4423	<0.5	5.39	21	1070	2	<1	1.87	0.5	13	65.8	33
27	5401-4586	<0.5	3.9	25	899	1.7	<1	0.98	0.6	17.1	54.3	31
28	5402-4476	<0.5	4.39	17	824	2	<1	0.9	<0.5	12.6	59	40
29	5404-4365	<0.5	4.95	21	1040	2.1	<1	1	0.7	15.6	66.7	34
30	5405-4263	<0.5	5.26	24	1250	2.3	<1	0.96	<0.5	15.5	70.4	51
31	5408-4315	<0.5	4.76	22	954	2	<1	1.08	<0.5	14.4	66	38
32	5409-4209	0.5	5.9	65	1720	2.4	<1	0.61	0.7	14.4	82.9	32
33	5411-4156	0.7	5.52	30	1240	1.8	<1	0.67	<0.5	10.9	62.3	36

	M	N	O	P	Q	R	S	T	U	V	W	X
1	ELEMENT	Cs	Cu	Fe	Ga	In	K	La	Li	Mg	Mn	Mo
2	UNIT	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
3	DETECTION	0.5	0.5	0.01	5	1	0.01	2	1	0.01	1	0.5
4	5331-4864	<0.5	17.5	2.1	12	2	1.5	13	23	0.54	639	<0.5
5	5334-4920	<0.5	26.4	3.34	14	7	1.73	13	24	0.52	3200	<0.5
6	5336-4740	<0.5	21	1.42	6	<1	0.58	9	10	0.38	1860	<0.5
7	5338-4806	<0.5	17.9	2.05	12	1	0.94	13	19	0.46	933	<0.5
8	5343-4639	<0.5	22.1	3.23	15	<1	1.67	19	28	0.7	743	<0.5
9	5343-4697	<0.5	37.3	2.48	15	4	1.5	15	23	0.57	3710	<0.5
10	5347-4583	<0.5	19.8	2.48	12	<1	1.29	18	25	0.61	2550	<0.5
11	5348-4530	<0.5	25.2	2.81	17	<1	1.72	20	32	0.65	504	<0.5
12	5349-4476	<0.5	15.1	2.69	14	6	1.7	24	36	0.72	938	<0.5
13	5353-4365	<0.5	21.3	2.86	15	2	1.57	19	38	0.76	1890	<0.5
14	5353-4426	<0.5	29.3	2.99	15	4	1.66	16	39	0.73	2350	<0.5
15	5355-4209	<0.5	29.6	1.86	13	3	1.58	10	21	0.45	1320	<0.5
16	5356-4266	<0.5	14.9	2.93	13	3	1.68	17	28	0.63	1020	<0.5
17	5357-4160	<0.5	12	3.31	17	3	1.57	10	24	0.65	814	<0.5
18	5358-4310	<0.5	42.4	4.37	24	<1	1.89	9	62	0.92	1220	<0.5
19	5386-4865	<0.5	13.5	2.71	16	3	1.46	20	30	0.72	1140	<0.5
20	5388-4750	<0.5	19.9	2.44	13	<1	1.65	22	26	0.7	1090	<0.5
21	5388-4925	<0.5	29.9	2.96	15	2	1.89	16	28	0.6	1880	<0.5
22	5390-4805	<0.5	24.9	3.78	17	1	1.62	21	32	0.63	1040	<0.5
23	5391-4697	<0.5	13.4	2.42	12	<1	1.32	22	20	0.61	482	<0.5
24	5393-4638	<0.5	18.3	2.04	17	4	1.65	15	31	0.63	503	<0.5
25	5399-4528	<0.5	10.8	2.81	14	1	1.44	17	32	0.65	1170	<0.5
26	5400-4423	<0.5	41.4	3.07	17	<1	1.76	17	41	0.8	1850	<0.5
27	5401-4586	<0.5	14.4	3.39	14	4	1.33	16	29	0.65	2760	<0.5
28	5402-4476	<0.5	13.9	2.74	15	4	1.59	23	37	0.69	1090	<0.5
29	5404-4365	<0.5	30.8	3.01	16	5	1.62	19	37	0.72	664	<0.5
30	5405-4263	<0.5	23.3	3.23	16	3	1.78	31	31	0.7	855	<0.5
31	5408-4315	<0.5	27.2	3.21	15	<1	1.76	21	39	0.75	599	<0.5
32	5409-4209	<0.5	27	3.17	21	12	2.61	17	36	0.67	998	<0.5
33	5411-4156	<0.5	8.4	2.8	16	<1	2.05	20	25	0.6	703	<0.5

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ
1	ELEMENT	Na	Ni	P	Pb	Rb	S	Sb	Sc	Se	Sr	Sn
2	UNIT	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
3	DETECTION	0.01	0.5	10	1	10	0.005	1	1	10	1	5
4	5331-4864	0.51	16.4	858	17	130	0.124	7	9	<10	166	<5
5	5334-4920	0.44	32.1	1030	29	162	0.118	11	9	<10	132	<5
6	5336-4740	0.34	12.7	1180	19	49	0.219	5	4	<10	136	<5
7	5338-4806	0.63	16.9	845	18	89	0.131	6	8	<10	144	<5
8	5343-4639	0.96	30.5	627	29	111	0.016	10	10	<10	126	<5
9	5343-4697	0.4	33.1	1100	19	148	0.156	8	9	<10	152	<5
10	5347-4583	0.62	20.5	1050	19	126	0.153	6	8	<10	178	<5
11	5348-4530	0.86	30	612	23	95	0.007	8	9	<10	117	<5
12	5349-4476	0.85	18.6	671	19	124	0.048	8	8	<10	119	<5
13	5353-4365	0.76	28.2	904	25	143	0.099	9	10	<10	159	<5
14	5353-4426	0.68	29.7	916	20	128	0.134	9	9	<10	156	<5
15	5355-4209	0.36	19.5	953	14	143	0.121	9	8	<10	129	<5
16	5356-4266	0.79	24.2	801	21	113	0.04	9	8	<10	116	<5
17	5357-4160	1.01	24.7	489	22	77	<0.005	10	7	<10	119	<5
18	5358-4310	0.66	46.1	719	34	151	0.046	13	11	<10	107	<5
19	5386-4865	0.87	24.9	721	21	117	0.041	8	10	<10	134	<5
20	5388-4750	0.92	26.2	543	21	125	0.044	8	9	<10	132	<5
21	5388-4925	0.62	30.4	1070	22	165	0.093	9	10	<10	137	<5
22	5390-4805	0.76	39.9	703	28	81	0.02	11	9	<10	107	<5
23	5391-4697	0.94	22.6	455	19	92	<0.005	9	8	<10	126	<5
24	5393-4638	0.86	26.7	535	21	102	0.089	8	7	<10	122	<5
25	5399-4528	0.84	17.5	707	20	81	0.039	7	7	<10	114	<5
26	5400-4423	0.77	36.8	914	28	166	0.096	10	11	<10	164	<5
27	5401-4586	0.73	29.9	688	24	87	0.028	7	8	<10	112	<5
28	5402-4476	0.82	23.7	694	19	102	0.032	8	8	<10	116	<5
29	5404-4365	0.89	35.1	660	23	94	0.028	11	9	<10	125	<5
30	5405-4263	0.88	33.3	668	23	161	0.015	13	10	<10	123	<5
31	5408-4315	0.87	30.1	742	23	93	0.037	13	8	<10	117	<5
32	5409-4209	0.69	32	682	24	172	0.015	17	10	<10	101	<5
33	5411-4156	0.8	17.6	462	21	128	0.005	9	7	<10	104	<5

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ
34	ELEMENT	Na	Ni	P	Pb	Rb	S	Sb	Sc	Se	Sr	Sn
35	UNIT	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
36	DETECTION	0.01	0.5	10	1	10	0.005	1	1	10	1	5
37	5422-4114	0.66	32.8	839	23	146	0.049	11	9	<10	116	<5
38	5436-4868	0.95	30.6	564	23	106	0.026	8	9	<10	134	<5
39	5437-4922	0.58	25.5	591	26	192	0.022	10	9	<10	89	<5
40	5443-4713	1.01	27.5	637	22	101	0.008	14	9	<10	133	<5
41	5443-4808	0.7	28.5	828	19	185	0.134	9	10	<10	160	<5
42	5445-4758	0.89	16.1	587	17	117	0.027	8	8	<10	133	<5
43	5447-4551	0.58	28.5	1100	18	135	0.146	6	8	<10	183	<5
44	5449-4603	1.1	27.1	681	18	83	0.012	9	8	<10	149	<5
45	5449-4660	0.83	28.6	526	24	75	0.019	10	8	<10	107	<5
46	5451-4439	0.77	28.1	847	23	164	0.066	9	10	<10	123	<5
47	5451-4495	0.81	29.7	863	21	165	0.071	10	11	<10	145	<5
48	5457-4117	0.79	33.5	906	33	134	0.044	14	9	<10	119	<5
49	5457-4390	0.82	29.8	851	22	126	0.08	10	10	<10	143	<5
50	5458-4280	1.08	42.9	1410	29	221	0.023	13	13	<10	363	<5
51	5458-4336	0.82	26.9	830	19	162	0.081	10	11	<10	172	<5
52	5463-4175	0.61	34.4	680	24	84	0.007	9	9	<10	84	<5
53	5464-4222	0.18	6.4	145	7	35	<0.005	5	3	<10	26	<5
54	5467-4116	0.79	45.9	766	28	98	0.05	12	8	<10	126	<5
55	Ch:5331-4864	0.49	17	876	16	138	0.113	6	9	<10	170	<5
56	Ch:5393-4638	0.863	26.6	549	22	108	0.0895	9	8	<10	129	<5
57	Ch:5457-4117	0.77	33	874	30	126	0.0441	13	9	<10	120	<5
58	lank01_Y42725	<0.01	<0.5	<10	3	<10	<0.005	<1	<1	<10	<1	<5
59	lank02_Y42725	<0.01	<0.5	<10	<1	<10	<0.005	<1	<1	<10	<1	<5
60	lank03_Y42725	<0.01	<0.5	<10	<1	<10	<0.005	<1	<1	<10	<1	<5
61	1:CU155_Y427252		6		29						348	St0
62	2:CU158_Y427252				58							St0

	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV
1	ELEMENT	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
2	UNIT	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
3	DETECTION	10	10	5	0.01	5	5	0.5	1	1	0.5	5
4	5331-4864	<10	<10	15	0.16	<5	69	68.5	<1	7	52.6	40
5	5334-4920	10	<10	20	0.15	<5	111	77	<1	9	123	50
6	5336-4740	<10	<10	10	0.09	<5	41	39.5	<1	5	74	23
7	5338-4806	<10	<10	14	0.16	<5	71	73	<1	8	59.4	42
8	5343-4639	12	<10	22	0.26	<5	104	106	1	10	93.3	55
9	5343-4697	<10	<10	18	0.15	<5	81	80.5	<1	16	83.6	37
10	5347-4583	<10	<10	21	0.19	<5	85	73.9	<1	10	82.8	45
11	5348-4530	<10	<10	22	0.25	<5	95	105	2	8	90.3	58
12	5349-4476	<10	<10	23	0.24	<5	81	86.4	<1	10	83.6	59
13	5353-4365	<10	<10	22	0.23	<5	99	99.4	<1	10	104	53
14	5353-4426	<10	<10	22	0.22	<5	103	90.3	<1	9	89.8	53
15	5355-4209	<10	<10	13	0.15	<5	61	70.2	<1	8	66.8	40
16	5356-4266	<10	<10	18	0.24	<5	88	96.1	<1	8	81	51
17	5357-4160	<10	<10	17	0.33	<5	104	129	<1	5	73.7	58
18	5358-4310	11	<10	23	0.21	<5	147	139	2	9	157	67
19	5386-4865	<10	<10	21	0.25	<5	91	100	1	8	86.6	55
20	5388-4750	<10	<10	20	0.28	<5	74	100	1	10	83	53
21	5388-4925	<10	<10	20	0.21	<5	97	88.4	<1	10	86.6	52
22	5390-4805	10	<10	24	0.25	<5	144	100	1	10	95.5	60
23	5391-4697	<10	<10	19	0.27	<5	79	90.3	<1	8	75.8	52
24	5393-4638	<10	<10	20	0.29	<5	71	110	<1	7	80.5	57
25	5399-4528	<10	<10	19	0.24	<5	77	82.4	<1	7	76.8	56
26	5400-4423	<10	<10	23	0.22	<5	107	104	<1	11	115	55
27	5401-4586	<10	<10	21	0.19	<5	118	89.7	1	7	98.2	49
28	5402-4476	<10	<10	23	0.26	<5	89	89	1	8	94.8	63
29	5404-4365	<10	<10	23	0.25	<5	106	110	1	11	104	61
30	5405-4263	<10	<10	24	0.35	<5	103	108	1	14	96.5	66
31	5408-4315	<10	<10	22	0.29	<5	96	104	<1	10	97.6	67
32	5409-4209	<10	<10	23	0.28	<5	110	120	2	6	106	73
33	5411-4156	<10	<10	22	0.26	<5	86	99	1	6	66.2	74

