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Supplement

to Assessment Work Report 1338

Molybdenum

in Decayed Vegetation at

Alike Lake

Jonsmith Molybdenite
Desrosiers Township, Ontario

Unpatented Mining Claims :

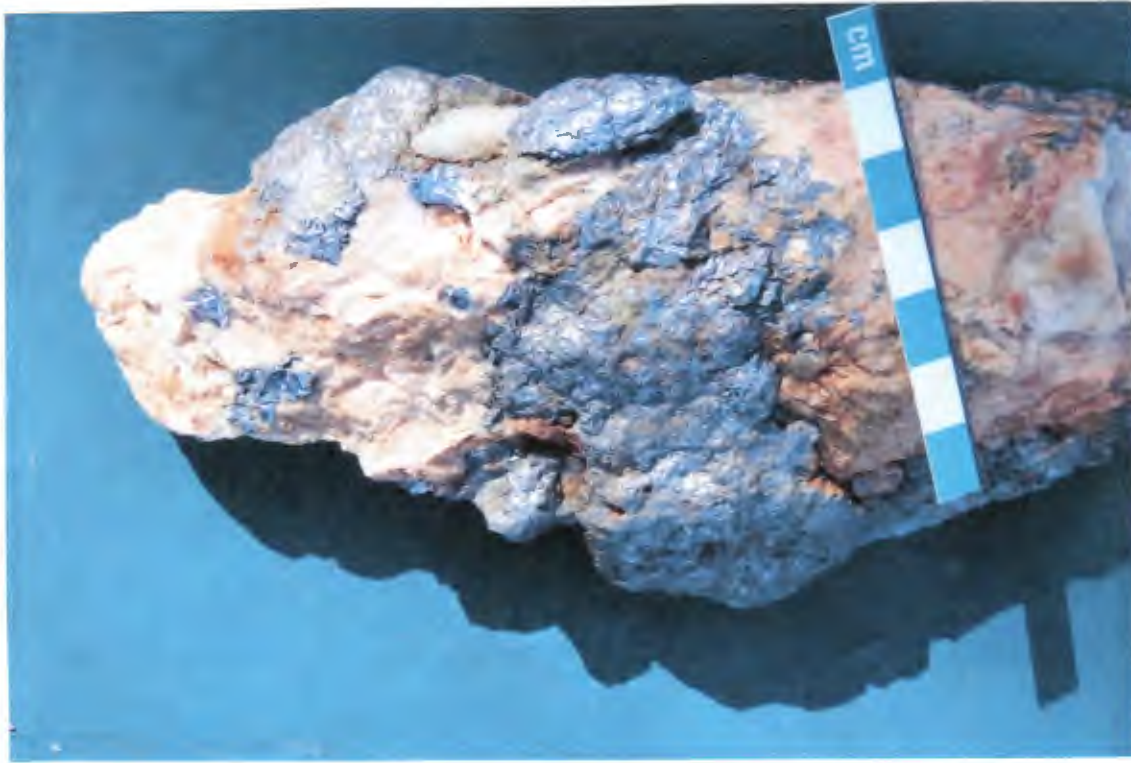
218844, 264786, 272713, 321446, 536919, 674512, 718672, 746216.

Full Ontario Cells :

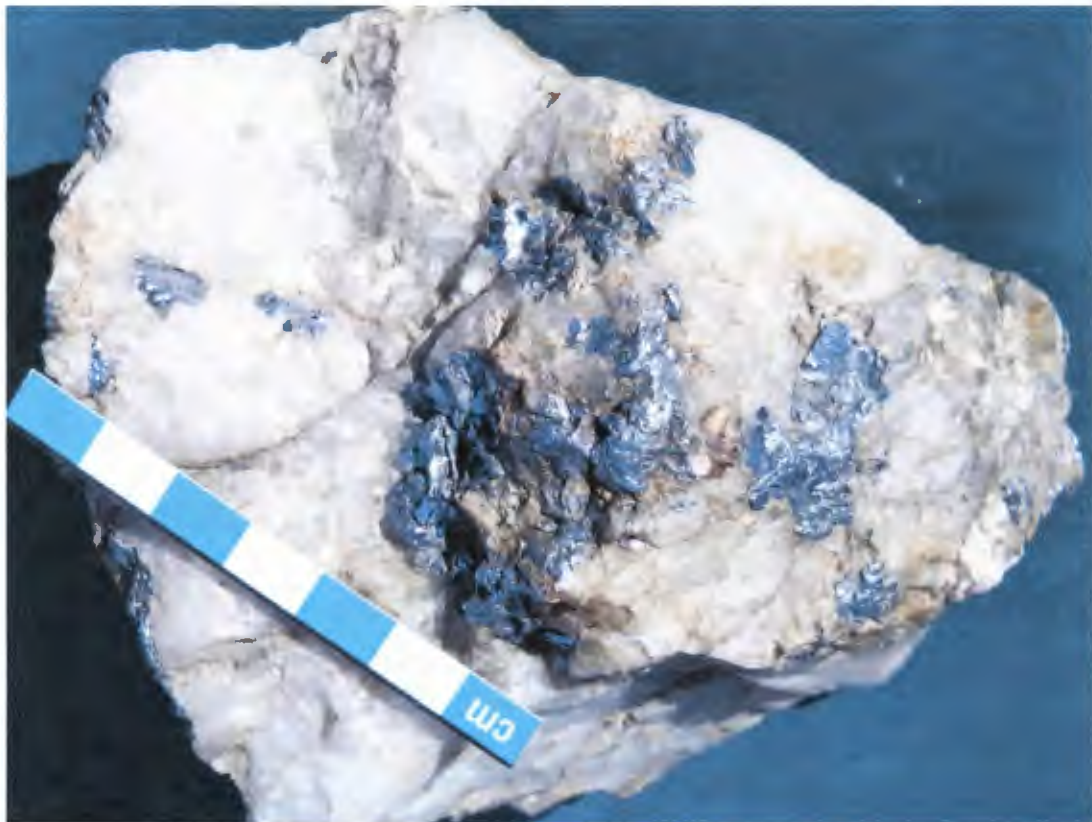
41O16A093, 094, 113, 114, 115, 133, 134, 153.

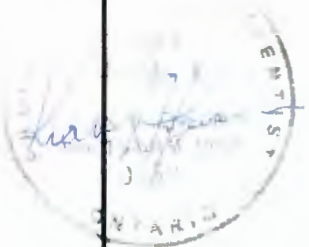
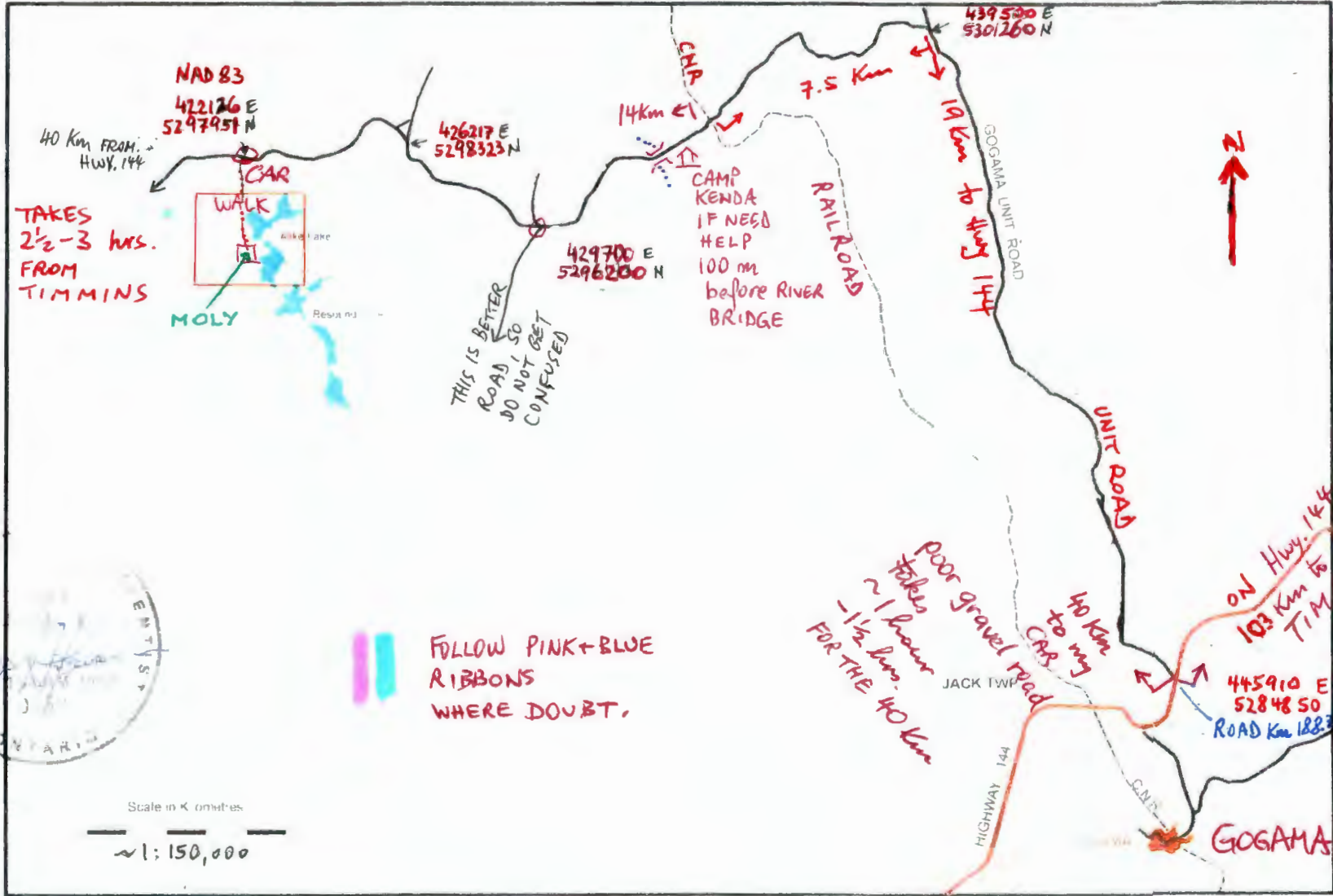
Report by Hermann Daxl, M.Sc.(Minex), Claim Holder

5 March 2023



Desrosiers Molybdenite







UTM 17T
NAD 83
5298' N

420' E

421' E

422' E

423' E

COBBLES

NARROW GROWN IN

5297' N

5297' N

LOCAL ACCESS

to Jonsmith Molybdenite

Desrosiers Township, Ontario
27 air-km Northwest of Gogama



GRAVEL

CLEARED

OVERGROWN

Alike Lake

5296' N

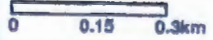
421' E

423' E

MOLY

- 84
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- 92
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1:15,000



UTM ▲ Zone: NAD 83 17T
Easting:
Northing:

Alike Lake

Introduction

My Assessment Work Report 1338 of 29 March 2019 showed how the high-grade Jonsmith molybdenite occurrence at Alike Lake, Desrosiers township, Ontario, reflects sharply in the decayed vegetation, with ppb-values up to 9300 molybdenum (Mo), 7550 cesium (Cs), 4220 bismuth (Bi), 317 silver (Ag), 5300 lithium (Li). This method is therefore most efficient in finding a continuation or new occurrences, regardless outcrop. Please study that report first.

Historical bulk samples of 1960 returned 1 % molybdenite (MoS₂) from 50 tons from the North Pit, and 2.25 % molybdenite from 165 tons from the South Pit. Stripping showed such ore over the 50 m between the 2 pits. Samples as in the attached photo can be found over 300 x 100 m. They also remind that only dry percussion drilling may recover total molybdenite. Many lesser showings had also been described 200 m more northward and eastward, and also east of Alike Lake. The present decayed vegetation sampling aimed to expand the high-grade molybdenite zone.

The claims are rather remote, 103 km from Timmins Square southward on Highway 144, turning right onto Unit Road at road km 188.3, just north of Gogama. Then follow the two attached maps with GPS for two hours of increasingly rougher ride. The last 10km you will scratch your SUV on both sides.

A helicopter can land near the main workings, just watch for small pits, and avoid the 9cm drill casing at NAD83 - 17T - 422040 E - 5295445 N. The drilled area is misplaced on MLAS maps.

Present Work

This time I prospected and sampled my claims 674512, 746216, 218844, 321446, 718672, 264786, 272713, 536919, on crown land without further development, respectively full Ontario Cells 41O16A093, 094, 113, 114, 115, 133, 134, 153, namely around the high-grade molybdenite zone sampled in my Assessment Work Report 1338. Please see attached sample location and traverse maps.

Again the area is hilly with mature mixed forest including sparse huge white pine. Several cliffs or outcrops protrude the thin overburden of 5 - 10 cm humus on sand, and frequently rock is at only 20 cm depth. In 8 field days from 8 October 2021 to 28 September 2022 I took 56 decayed vegetation samples, and 1 enriched B-horizon fine beech sand 7963 to test for contamination.

A handful of Decayed Vegetation from 0 - 6 cm depth (K) from each of about 6 spots in a radius of 15 m make one sample. After drying, sieving <250 micron, swirling to remove inorganic dregs, cross-rolling with a sheet of paper to homogenize, I sent 3 g to ALS North Vancouver for super trace ME-MS41L by aqua regia.

I also sent 5 medium vials of 7 cm³ to Actlabs Ancaster for neutron activation, Code 2B vegetation, special double irradiation time, for more reliable gold values, but again none was detected. This method is not suitable for molybdenum at present levels.

Cross-tests between the previous report (sample 7929 = 7973) and both present batches, as well as other tests, agreed.

Results

Although lower, values suggest the molybdenite may continue southward, where also cesium in sample 7960 remains high indicating pegmatite. The northern area with the west-east cliff-forming aplite returned weak Mo-Cs-anomalies over the 400m from samples 7936 to 7980. The mountain westward may be a mafic roof pendant to the granitic intrusion, but no anomalies were found. Of the historic accessory elements, silver makes a wider weak halo, and bismuth is not anomalous this time. Please see element maps for Mo, Cs, Ag, Bi, and assay lists with annotations.

Sample 7963 of the enriched B-horizon fine beach sand, 15 cm underneath K-sample 7962, shows that local ore elements logically also can occur in the local sand, like here Mo, Cs, Bi, Ag, where however they would be erratic and therefore not suitable for prospecting. The removal of such inorganic dregs from decayed vegetation by dry

swirling was therefore important and successful as shown by the lack of typical sand elements like Al, Ce, Cr, Fe, Ga, La, Li, Ni, Sc, V, Y, present in sample 7963. But the 19.8 ppm cerium in sample 7963 could also include local detritus.

The manganese, zinc, cadmium, barium, cerium of sample 7950 may be a local anomaly.

Conclusions and Recommendations

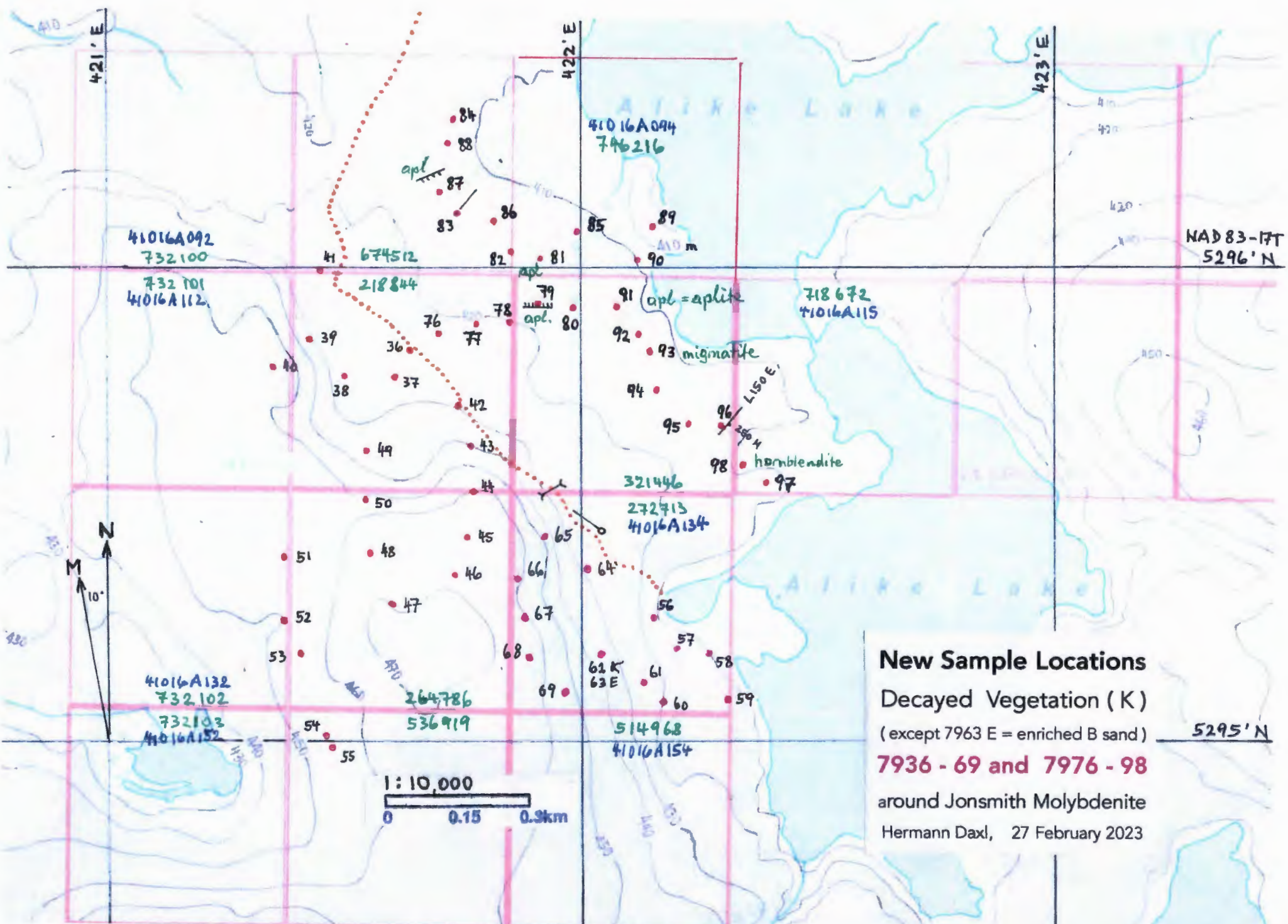
My work here and also in general has shown that decayed vegetation will show many types of mines, and also their absence. The high-grade molybdenite occurrence here could not be expanded, but the margin of the regional granite especially as indicated southward would be prospective. Another target should be east of Alike Lake where Jonsmith also found molybdenite.

Respectfully submitted,

Timmins, 5 March 2023

Hermann Daxl, M.Sc.(Minex), Claim Holder





New Sample Locations

Decayed Vegetation (K)

(except 7963 E = enriched B sand)

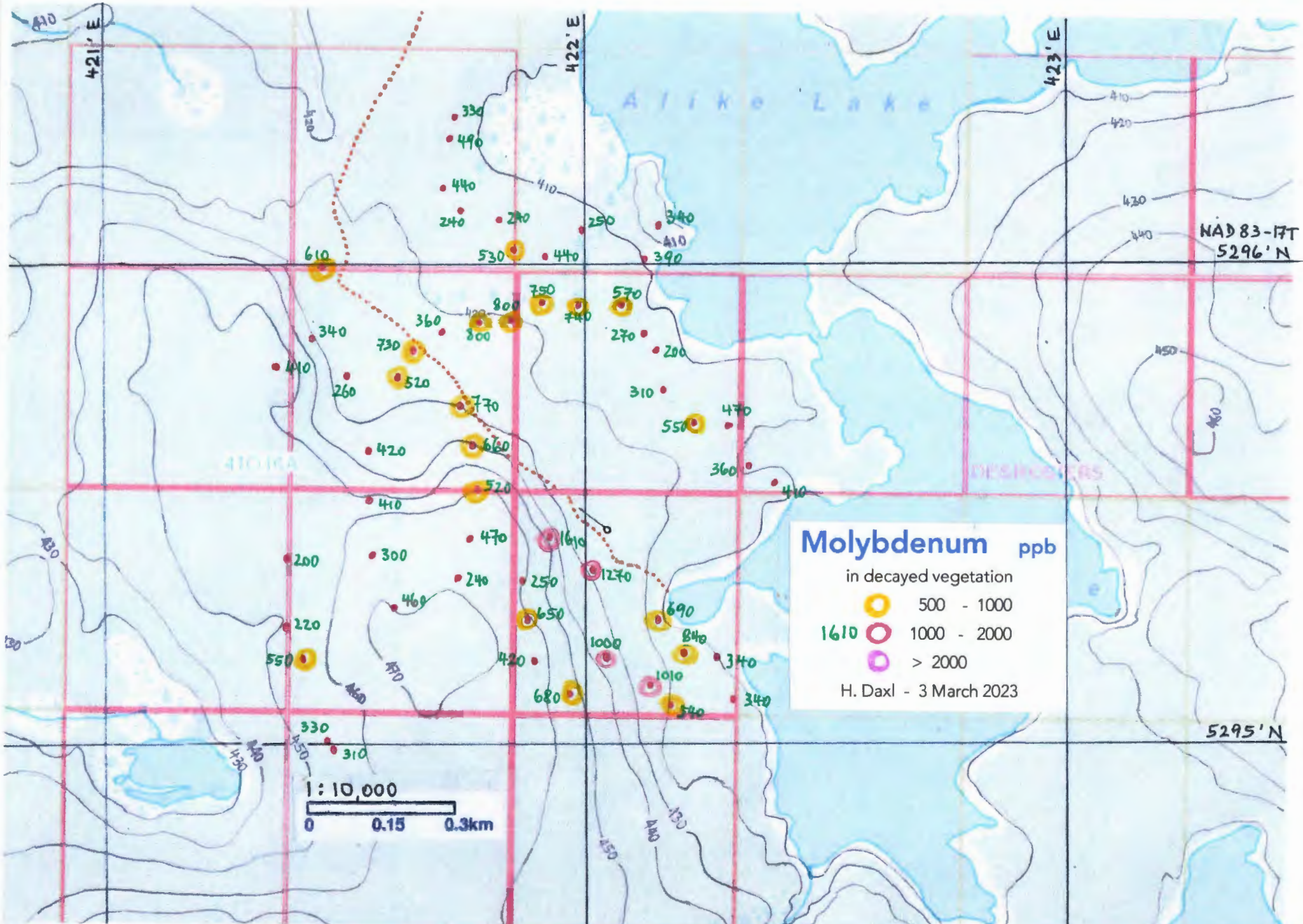
7936 - 69 and 7976 - 98

around Jonsmith Molybdenite

Hermann Daxl, 27 February 2023

5295'N

NAD83-17T
5296'N



Alike Lake

DESIGNER'S

41016A

421' E

422' E

423' E

NAD 83-17T
5296' N

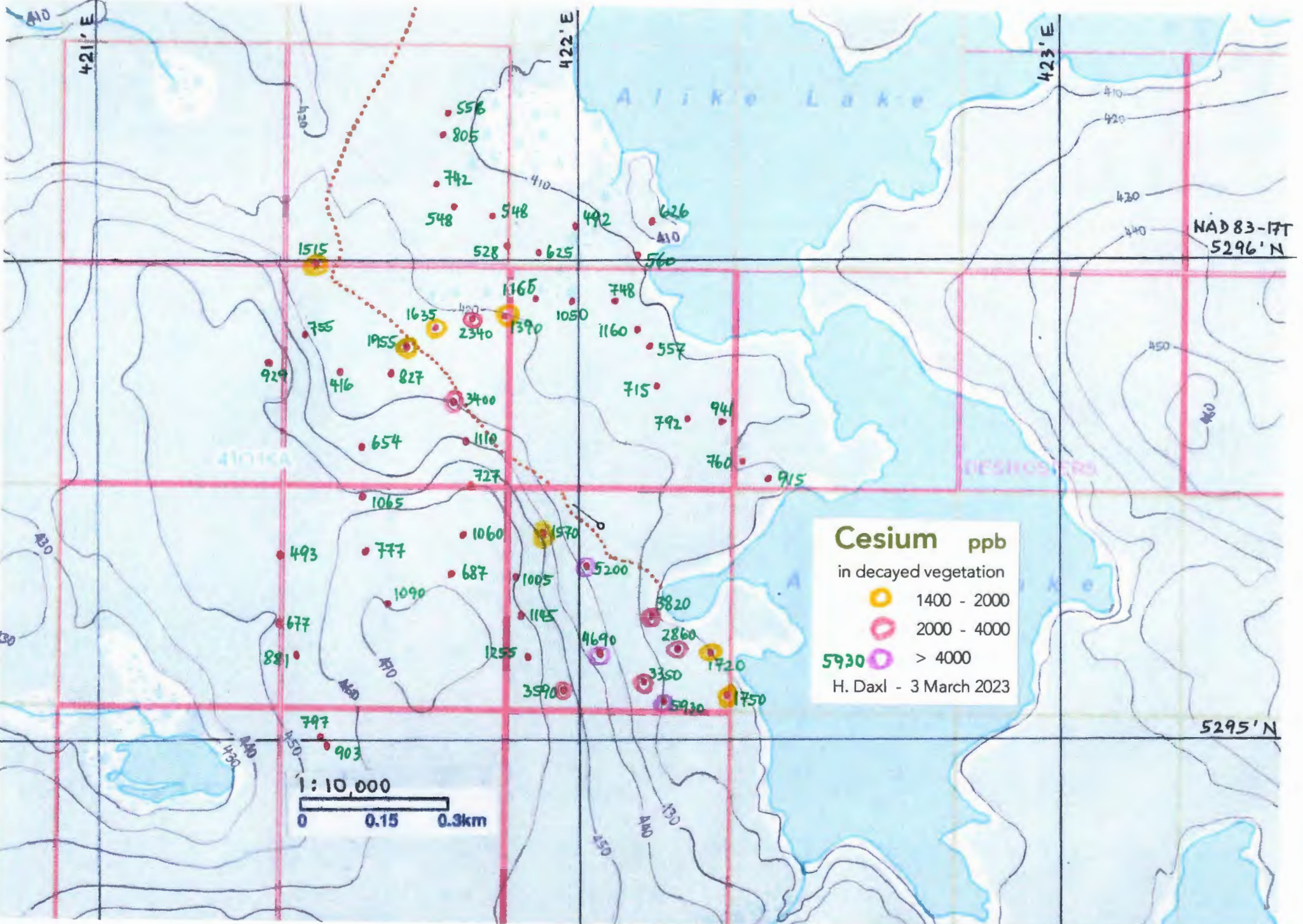
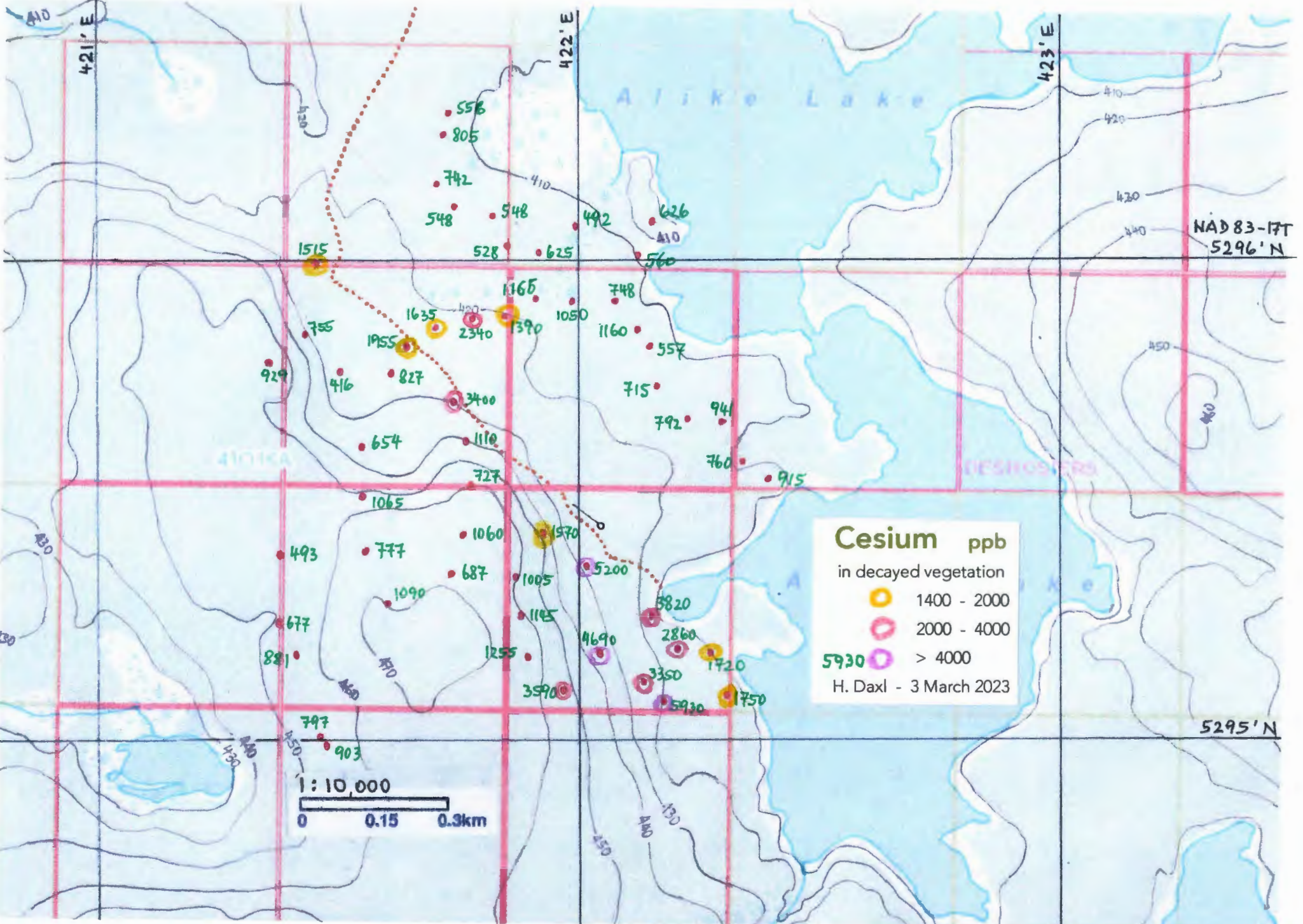
5295' N

1:10,000
0 0.15 0.3km

Molybdenum ppb
in decayed vegetation

- 500 - 1000
- 1000 - 2000
- > 2000

H. Daxl - 3 March 2023



1 : 10,000
0 0.15 0.3km

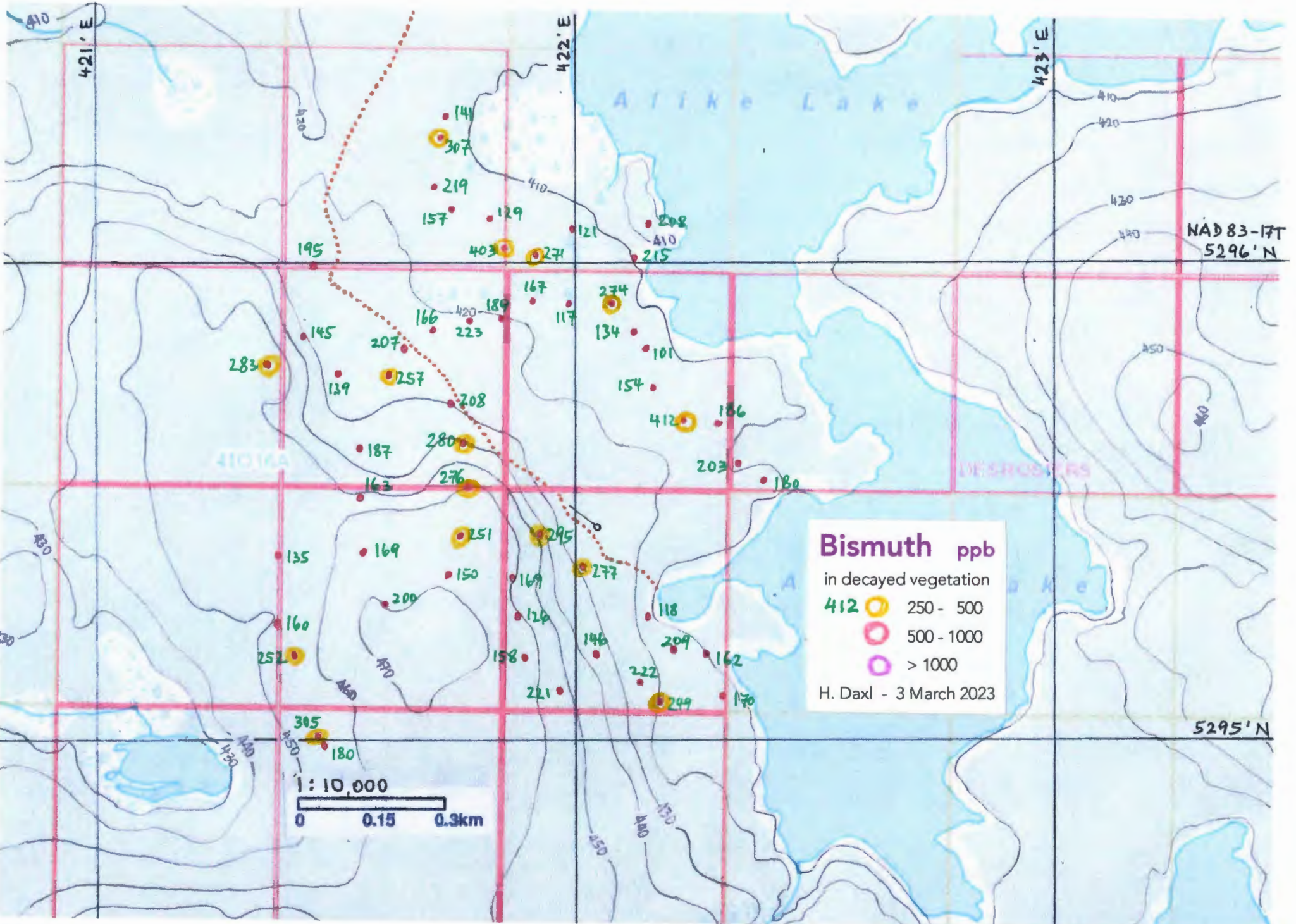
NAD 83-17T
5296' N

5295' N

Alike Lake

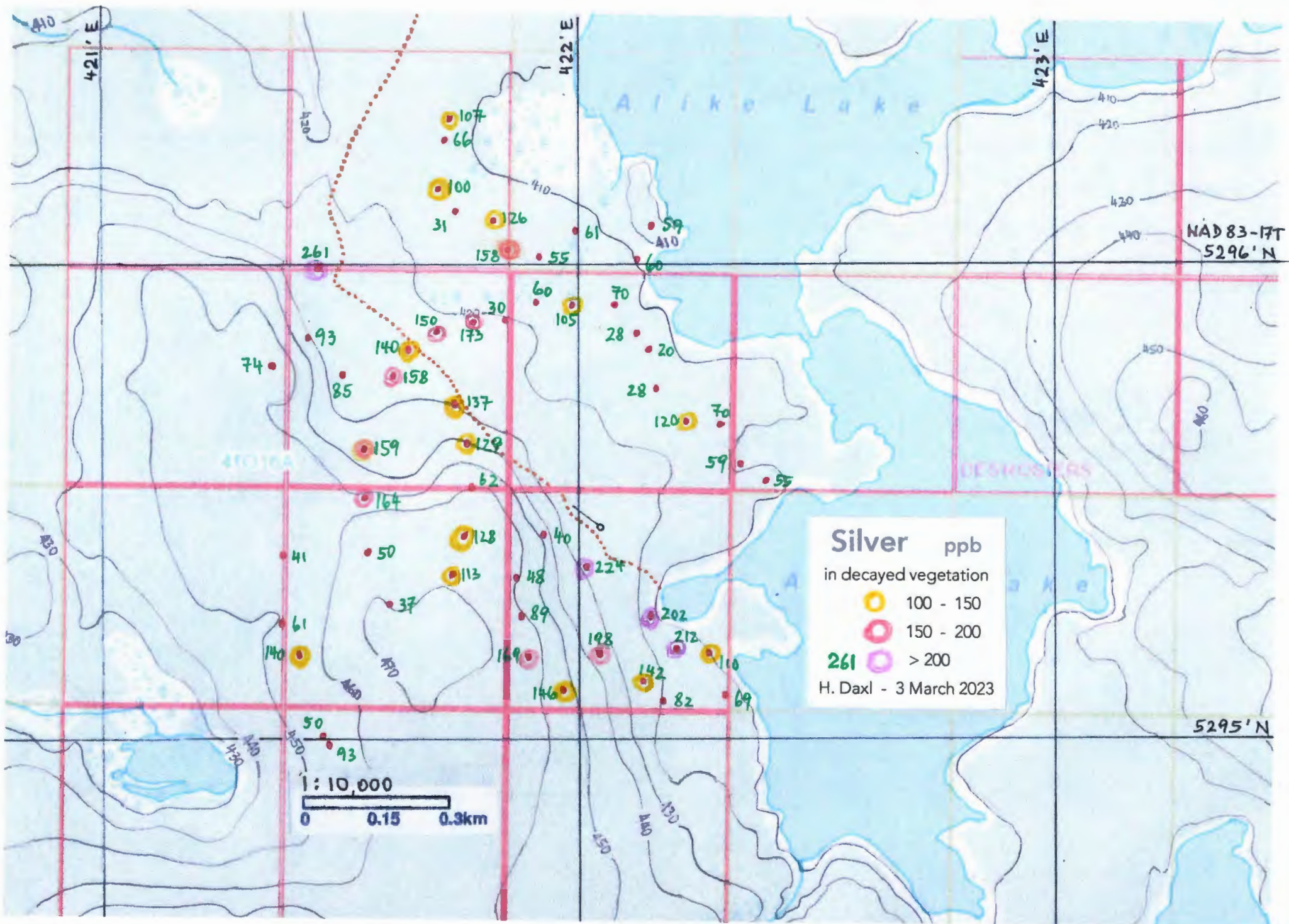
410m

1550m



NAD 83-17T
 5296' N

5295' N



Silver ppb
 in decayed vegetation

- 100 - 150
- 150 - 200
- > 200

261 ● > 200

H. Daxl - 3 March 2023

1 : 10,000

0 0.15 0.3km

NAD 83-IT
 5296' N

5295' N

Alike Lake

DESIGNATED

41016A

024

422'E

423'E

421'E

410

410

420

430

440

450

460

430

430

440

440

430

450

430

440

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660



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 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: HERMANN DAXL

Page: 1
 Total # Pages: 4 (A - D)
 Plus Appendix Pages
 Finalized Date: 14-FEB-2022
 This copy reported on
 3-MAR-2022
 Account: DAXHER

CERTIFICATE VA22013500

P.O. No.: MOL-LG-MUW *Decayed < 250 micron sievings*
 This report is for 83 samples of Vegetation submitted to our lab in Vancouver, BC,
 Canada on 14-JAN-2022.
 The following have access to data associated with this certificate:
 HERMANN DAXL

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
DIS-PUL21	Disposal of M/+ Split after analysis.

ANALYTICAL PROCEDURES			
ALS CODE	DESCRIPTION	AQUA REGIA	INSTRUMENT
ME-MS41L	Super Trace Lowest DL AR by ICP-MS	<i>~0.45 g aliquots</i>	

53 elements

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.
 ***** See Appendix Page for comments regarding this certificate *****

Signature: 
 Saa Traxler, Director, North Vancouver Operations

Decayed vegetation (K) sieved <250 um (or as marked) - aqua regia - 0.45 g

Sample	VA22013500 ME-MS41L	VA22013500 ME-MS41L	VA22013500 ME-MS41L	VA22013500 ME-MS41L	VA22013500 ME-MS41L	VA22013500 ME-MS41L	VA22013500 ME-MS41L	VA22013500 ME-MS41L	
Description	Au	Ag	Al	As	B	Ba	Be	Bi	
< 1X sand	ppb	ppm	%	ppm	ppm	ppm	ppm	ppm	
7935	blank, M+	<0.2	0.031	0.19	1.09	<10	27.3	0.08	0.020
7936		0.6	0.140	0.13	0.89	<10	94.9	0.09	0.207
7937		0.3	0.158	0.14	1.08	<10	89.0	0.11	0.257
7938		0.6	0.085	0.07	0.73	<10	63.6	0.03	0.139
7939		0.4	0.093	0.15	0.70	<10	145.0	0.05	0.145
7940		1.0	0.074	0.12	1.10	<10	128.0	0.03	0.283
7941		0.6	0.261	0.10	0.97	<10	98.7	0.04	0.195
7942		0.6	0.137	0.15	0.79	10	153.5	0.05	0.208
7943		1.0	0.129	0.14	1.54	<10	98.1	0.04	0.280
7944		2.0	0.062	0.14	1.52	<10	74.5	0.03	0.276
7945		2.5	0.128	0.15	1.31	<10	90.0	0.08	0.251
7946		0.6	0.113	0.07	0.68	<10	63.4	0.04	0.150
7947		0.4	0.037	0.14	0.87	<10	55.5	0.04	0.200
7948		0.8	0.050	0.08	0.64	<10	70.7	0.03	0.169
7949		0.7	0.159	0.11	0.92	<10	103.0	0.05	0.187
7950		0.6	0.164	0.15	0.65	10	289.0	0.13	0.163
7951		0.3	0.041	0.07	0.48	<10	62.4	0.02	0.135
7952		0.7	0.061	0.08	0.63	<10	72.6	0.03	0.160
7953		0.7	0.140	0.19	1.39	<10	66.1	0.06	0.252
7954		0.9	0.050	0.10	1.42	<10	64.5	0.04	0.305
7955		0.5	0.093	0.11	0.81	<10	59.4	0.05	0.180
7956		1.6	0.202	0.07	0.44	10	114.5	0.04	0.118
7957		0.7	0.212	0.16	1.18	<10	111.5	0.11	0.209
7958		0.8	0.110	0.08	0.85	<10	76.6	0.03	0.162
7959		0.5	0.069	0.10	0.68	<10	98.1	0.05	0.170
7960		1.1	0.082	0.12	0.98	10	160.0	0.05	0.249
7961		0.7	0.142	0.10	0.91	<10	119.0	0.05	0.222
7962		0.4	0.198	0.08	0.63	<10	131.0	0.06	0.144
7963	E < 125 um	0.2	0.201	1.56	1.94	<10	20.3	0.33	0.638
7964		1.1	0.224	0.10	0.81	10	116.5	0.04	0.277
7965		0.5	0.040	0.27	1.21	<10	112.0	0.12	0.295
7966		1.0	0.048	0.09	0.57	<10	68.6	0.03	0.109
7967		0.4	0.089	0.41	0.64	<10	111.0	0.24	0.126
7968		0.8	0.169	0.12	0.65	<10	88.4	0.07	0.158
7969		1.5	0.146	0.30	0.62	<10	174.5	0.26	0.221
7970	OREAS 147	2.7	0.301	1.15	31.00	<10	1230.0	1.74	10.750
7971	= 7369 M40	0.6	0.091	0.42	3.35	24	89.6	0.10	0.015
7972	= 7370 M90	1.2	0.073	0.30	8.10	6.3	95.0	0.09	0.018
7973	= 7929 K+	0.5	0.195	0.31	0.87	0.6	218.0	0.16	3.180
7974	= JM5 K+	11.6	1.080	1.25	13.80	<10	57.4	0.06	1.915
7975	= JM20 M70	0.3	0.019	0.12	0.30	<10	30.6	0.08	0.014

Sample Description	VA22013500 ME-MS41L Ca %	VA22013500 ME-MS41L Cd ppm	VA22013500 ME-MS41L Ce ppm	VA22013500 ME-MS41L Co ppm	VA22013500 ME-MS41L Cr ppm	VA22013500 ME-MS41L Cs ppm	VA22013500 ME-MS41L Cu ppm	VA22013500 ME-MS41L Fe %
7935 blank	2.54	0.324	4.090	0.638	2.05	0.119	5.07	0.270
7936	0.69	0.462	4.640	2.240	1.54	1.955	9.96	0.132
7937	0.53	0.440	6.800	2.580	1.70	0.827	10.25	0.154
7938	0.65	0.418	1.750	0.506	1.75	0.416	7.42	0.098
7939	0.68	0.452	3.240	1.355	3.09	0.755	10.20	0.250
7940	0.59	0.682	2.130	1.185	1.90	0.929	10.65	0.156
7941	0.56	0.476	1.805	1.280	2.11	1.515	7.89	0.124
7942	0.73	0.755	2.350	3.100	2.87	3.400	10.25	0.175
7943	0.46	0.416	2.050	1.060	2.73	1.110	7.70	0.155
7944	0.39	0.292	3.010	0.859	3.29	0.727	7.23	0.250
7945	0.47	0.712	3.420	2.380	1.92	1.060	9.33	0.181
7946	0.58	0.524	1.200	1.105	1.01	0.687	9.07	0.085
7947	0.33	0.516	2.360	0.938	1.94	1.090	11.50	0.212
7948	0.54	0.472	1.455	0.915	1.50	0.777	10.00	0.139
7949	0.63	0.537	4.140	1.060	1.74	0.654	9.12	0.129
7950	0.93	1.600	8.660	2.960	1.66	1.065	11.40	0.126
7951	0.43	0.446	1.165	0.850	0.96	0.493	8.94	0.083
7952	0.45	0.389	1.840	1.025	1.12	0.677	9.66	0.102
7953	0.35	0.426	3.910	1.885	2.23	0.881	9.77	0.250
7954	0.42	0.452	1.875	0.720	1.66	0.797	11.60	0.142
7955	0.45	0.351	2.030	1.110	1.52	0.903	9.44	0.141
7956	0.74	0.467	1.215	0.971	1.48	3.820	9.02	0.092
7957	0.67	0.475	8.660	7.860	2.52	2.860	11.30	0.182
7958	0.47	0.386	1.260	0.732	1.60	1.720	8.89	0.109
7959	0.48	0.351	1.645	1.015	1.52	1.750	9.07	0.109
7960	0.88	0.806	1.785	4.160	5.22	5.930	10.00	0.163
7961	0.72	0.672	2.550	3.040	4.68	3.350	10.00	0.143
7962	0.66	0.737	1.980	3.270	1.68	4.690	11.05	0.108
7963 E < 125µm	0.11	0.087	19.800	5.560	54.90	2.910	13.10	2.820
7964	0.63	0.500	2.140	1.330	3.86	5.200	10.10	0.155
7965	0.70	0.608	4.770	5.010	5.53	1.570	11.85	0.410
7966	0.47	0.558	1.295	0.524	1.34	1.005	11.10	0.109
7967	0.49	0.596	8.970	5.210	2.12	1.145	12.05	0.211
7968	0.56	0.499	2.470	2.670	1.56	1.255	9.74	0.122
7969	0.59	0.732	11.600	6.520	3.48	3.590	13.05	0.195
7970 OREAS 47	0.47	<0.001	>500	5.720	56.10	76.800	284.00	2.770
7971	4.02	0.656	8.870	1.495 ✓	8.13	0.203 ✓	47.90 45.2	0.132
7972	4.36	0.830	13.200 10.6	2.330 ✓	11.45	0.220 ✓	104.50 93.3	0.235
7973	0.66	1.170	9.800	11.050 ✓	14.45	4.560 ✓	13.40 ✓	0.360
7974	0.42	3.180	4.180 3.68	3.630 4.05	2.27	0.180 ✓	780.00 787	0.810
7975	3.96	0.280	2.120	0.507	2.15	0.086 ✓	15.65 ✓ 16.20	0.139

TESTS

	VA22013500	VA22013500	VA22013500	VA22013500	VA22013500	VA22013500	VA22013500	VA22013500
Sample	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
Description	Ga	Ge	Hf	Hg	In	K	La	Li
	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
7935 blank	0.503	0.017	0.013	0.128	<0.005	<0.01	2.11	<0.1
7936	0.375	0.035	0.006	0.322	0.016	0.06	2.53	<0.1
7937	0.459	0.050	0.007	0.370	0.018	0.06	3.68	0.2
7938	0.323	0.027	0.004	0.280	0.009	0.07	1.00	<0.1
7939	0.840	0.033	0.006	0.270	0.011	0.08	1.70	1.0
7940	0.582	0.043	0.006	0.327	0.020	0.06	1.31	0.1
7941	0.403	0.046	0.005	0.293	0.013	0.07	1.20	<0.1
7942	0.661	0.028	0.007	0.338	0.015	0.09	1.37	0.3
7943	0.571	0.055	0.007	0.351	0.020	0.06	1.10	<0.1
7944	1.140	0.042	0.007	0.310	0.019	0.05	1.55	0.2
7945	0.557	0.047	0.006	0.340	0.017	0.07	1.82	<0.1
7946	0.268	0.023	0.005	0.263	0.011	0.06	0.73	<0.1
7947	0.662	0.037	0.008	0.312	0.015	0.08	1.20	<0.1
7948	0.425	0.029	0.005	0.285	0.010	0.07	0.80	<0.1
7949	0.471	0.049	0.005	0.332	0.013	0.09	2.37	<0.1
7950	0.675	0.034	0.004	0.257	0.010	0.13	4.23	0.2
7951	0.257	0.022	0.004	0.247	0.011	0.06	0.83	<0.1
7952	0.283	0.024	0.006	0.337	0.010	0.09	0.94	<0.1
7953	0.776	0.052	0.006	0.336	0.014	0.08	2.08	0.1
7954	0.433	0.043	0.008	0.447	0.022	0.07	0.97	<0.1
7955	0.410	0.037	0.006	0.263	0.016	0.07	1.11	<0.1
7956	0.299	0.029	0.005	0.287	0.010	0.11	0.69	<0.1
7957	0.448	0.047	0.005	0.336	0.016	0.07	4.70	0.1
7958	0.335	0.031	0.004	0.338	0.012	0.08	0.72	<0.1
7959	0.358	0.028	0.005	0.269	0.010	0.07	0.95	<0.1
7960	0.568	0.034	0.006	0.358	0.015	0.09	1.00	0.2
7961	0.422	0.038	0.008	0.273	0.014	0.10	1.45	<0.1
7962	0.362	0.031	0.003	0.281	0.011	0.10	1.30	<0.1
7963 E < 125 μm	7.260	0.050	0.040	0.082	0.021	0.02	7.86	11.6
7964	0.497	0.055	0.007	0.351	0.022	0.10	1.29	<0.1
7965	1.035	0.036	0.010	0.306	0.018	0.07	2.50	1.1
7966	0.333	0.023	0.006	0.387	0.011	0.07	0.67	<0.1
7967	0.568	0.036	0.005	0.241	0.011	0.09	4.59	0.5
7968	0.349	0.030	0.008	0.320	0.011	0.08	1.31	<0.1
7969	0.755	0.041	0.003	0.247	0.008	0.12	5.80	0.6
7970 OREAS 147	5.070	0.418	0.875	0.009	2.070	0.46	290.00	113.5
7971	0.657	0.113	0.036	0.170	<0.005	0.01	5.82	0.1
7972	0.834	0.083	0.060	0.142	<0.005	0.01	8.40	0.5
7973	1.025	0.036	0.003	0.212	0.015	0.12	4.85	2.3
7974	1.000	0.068	0.008	0.700	0.919	0.07	2.05	0.1
7975	0.274	0.021	0.028	0.085	<0.005	<0.01	1.62	<0.1

TESTS

	VA22013500	VA22013500	VA22013500	VA22013500	VA22013500	VA22013500	VA22013500	VA22013500
Sample	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
Description	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
	%	ppm	ppm	%	ppm	ppm	%	ppm
7935 blank	0.15	63.6	0.32	0.007	0.134	2.18	0.032	1.245
7936	0.06	499.0	0.73	0.003	0.085	19.90	0.086	17.950
7937	0.06	186.5	0.52	0.002	0.099	11.85	0.070	22.200
7938	0.05	293.0	0.26	0.002	0.090	5.92	0.071	10.850
7939	0.08	1140.0	0.34	0.001	0.248	7.70	0.100	10.600
7940	0.06	923.0	0.41	0.002	0.126	10.85	0.090	16.100
7941	0.06	372.0	0.61	0.002	0.092	12.80	0.087	13.900
7942	0.08	1420.0	0.77	0.001	0.147	17.50	0.094	14.900
7943	0.05	312.0	0.66	0.002	0.121	8.70	0.083	24.600
7944	0.05	242.0	0.52	0.001	0.290	8.46	0.067	19.000
7945	0.06	398.0	0.47	0.004	0.121	9.93	0.090	18.900
7946	0.05	154.5	0.24	0.003	0.062	6.43	0.076	9.190
7947	0.05	127.5	0.46	0.003	0.144	9.05	0.071	12.750
7948	0.06	409.0	0.30	0.003	0.110	7.06	0.080	9.700
7949	0.06	651.0	0.42	0.002	0.102	7.72	0.104	11.450
7950	0.09	4660.0	0.41	<0.001	0.091	10.00	0.136	18.250
7951	0.05	159.0	0.20	0.002	0.062	6.59	0.070	7.390
7952	0.05	222.0	0.22	0.003	0.066	7.44	0.075	11.550
7953	0.05	124.5	0.55	0.004	0.176	10.85	0.090	18.750
7954	0.05	208.0	0.33	0.005	0.095	11.75	0.070	21.400
7955	0.05	153.5	0.31	0.006	0.103	9.68	0.081	11.350
7956	0.08	1045.0	0.69	0.002	0.071	14.55	0.105	6.640
7957	0.07	622.0	0.84	0.003	0.087	27.60	0.095	18.400
7958	0.06	317.0	0.34	0.006	0.071	10.75	0.086	9.460
7959	0.06	651.0	0.34	0.003	0.077	9.72	0.091	12.500
7960	0.09	1845.0	0.54	0.002	0.111	25.80	0.093	16.750
7961	0.09	572.0	1.01	0.004	0.088	24.10	0.102	17.600
7962	0.07	1260.0	1.00	0.003	0.066	19.40	0.120	8.810
7963 E < 125 μm	0.19	62.5	5.16	0.005	2.390	32.30	0.035	10.350
7964	0.07	1020.0	1.27	0.004	0.100	17.30	0.111	14.050
7965	0.08	855.0	1.61	0.003	0.304	12.95	0.102	15.850
7966	0.05	450.0	0.25	0.003	0.081	7.98	0.096	10.350
7967	0.06	699.0	0.65	0.003	0.137	8.81	0.119	12.100
7968	0.06	525.0	0.42	0.002	0.071	10.70	0.102	11.950
7969	0.08	2560.0	0.68	0.003	0.137	16.95	0.151	15.100
7970 OREAS/47	0.41	240.0 ✓	7.02 ✓	0.084	73.600	19.60 ✓	0.086	9.310
7971	0.28	107.0	1.89, 1.64	0.008	0.172	17.05	0.053	0.930
7972	0.35	14.8	8.23, 7.12	0.010	0.261	28.20	0.050	0.914
7973	0.13	3300.0 ✓	2.60, 2.11	0.004	0.240	28.40 ✓	0.134	23.400 ✓
7974	0.06	102.5	0.60, 0.64	0.004	0.090	5.19	0.111	67.800 ✓
7975	0.21	135.0	3.10, 3.40	0.006	0.068	3.54	0.021	0.787

TESTS

	VA22013500	VA22013500	VA22013500	VA22013500	VA22013500	VA22013500	VA22013500	VA22013500
Sample	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
Description	Pd	Pt	Rb	Re	S	Sb	Sc	Se
	ppb	ppb	ppm	ppm	%	ppm	ppm	ppm
7935 blank	<1	<2	0.350	0.0005	0.17	0.033	0.399	0.832
7936	1	<2	4.710	0.0008	0.18	0.255	0.315	0.906
7937	1	<2	4.690	0.0010	0.16	0.312	0.406	1.135
7938	1	<2	3.820	0.0006	0.14	0.184	0.206	0.613
7939	2	<2	6.090	0.0006	0.16	0.204	0.302	0.678
7940	<1	<2	4.650	0.0009	0.17	0.293	0.282	1.055
7941	<1	<2	4.860	0.0007	0.16	0.266	0.207	0.867
7942	<1	<2	7.790	0.0008	0.16	0.229	0.288	0.913
7943	<1	<2	4.470	0.0008	0.14	0.336	0.297	1.030
7944	<1	<2	3.830	0.0008	0.12	0.307	0.388	1.045
7945	1	<2	5.820	0.0010	0.16	0.351	0.316	1.095
7946	1	<2	4.420	0.0008	0.17	0.219	0.154	0.862
7947	<1	<2	5.670	0.0011	0.15	0.256	0.465	0.933
7948	<1	<2	5.280	0.0009	0.15	0.249	0.258	0.767
7949	1	<2	5.100	0.0007	0.15	0.307	0.246	0.812
7950	<1	<2	9.220	0.0007	0.19	0.243	0.198	0.800
7951	1	<2	4.060	0.0007	0.15	0.173	0.211	0.783
7952	<1	<2	6.380	0.0007	0.16	0.180	0.299	0.782
7953	1	<2	6.080	0.0011	0.16	0.321	0.392	1.140
7954	1	2	5.080	0.0008	0.17	0.298	0.327	1.165
7955	1	<2	5.040	0.0011	0.16	0.249	0.325	0.954
7956	<1	<2	9.460	0.0007	0.17	0.210	0.192	0.685
7957	<1	<2	6.650	0.0007	0.19	0.239	0.354	0.966
7958	1	<2	5.570	0.0009	0.17	0.208	0.195	0.993
7959	<1	<2	5.550	0.0008	0.16	0.244	0.188	0.867
7960	<1	<2	9.050	0.0008	0.18	0.270	0.299	1.060
7961	1	<2	9.060	0.0008	0.17	0.285	0.244	0.993
7962	1	<2	8.780	0.0007	0.18	0.242	0.181	0.823
7963 E < 125 μm	1	<2	2.870	0.0003	0.03	0.064	1.805	0.539
7964	4	<2	9.100	0.0006	0.16	0.351	0.311	1.010
7965	<1	<2	5.350	0.0008	0.16	0.229	0.417	0.928
7966	2	<2	5.540	0.0007	0.17	0.203	0.231	0.814
7967	<1	<2	6.890	0.0008	0.16	0.203	0.322	0.648
7968	1	<2	5.570	0.0008	0.17	0.203	0.288	0.844
7969	2	<2	9.480	0.0007	0.17	0.219	0.269	0.809
↓ 7970 OREAS 147	<1	<2	140.000	0.0004	0.02	2.120	6.530	0.595
7971	2	<2	0.660	0.0056	0.58 ↓	0.079	0.569	1.985
7972	2	2	1.215	0.0110	0.87 ↓	0.083	0.713	3.270
7973	2	<2	9.330	0.0006	0.15 ↓	0.230	0.333	0.688
7974	2	<2	4.270	0.0010	0.23 ↓	0.783	0.459	7.260
↑ 7975	1	<2	0.443	0.0025	0.55 ↓	0.034	0.340	1.715

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Sample	VA22013500 ME-MS41L	VA22013500 ME-MS41L	VA22013500 ME-MS41L	VA22013500 ME-MS41L	VA22013500 ME-MS41L	VA22013500 ME-MS41L	VA22013500 ME-MS41L	VA22013500 ME-MS41L	
Description	Sn	Sr	Ta	Te	Th	Ti	Tl	U	
	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	
7935	blank	0.08	83.90	0.005	0.004	0.109	0.005	0.013	0.241
7936		0.62	35.80	<0.005	0.009	0.055	0.003	0.132	0.076
7937		0.87	34.40	<0.005	0.013	0.077	0.004	0.101	0.091
7938		0.52	31.90	<0.005	0.009	0.039	0.004	0.081	0.052
7939		0.53	42.80	<0.005	0.011	0.097	0.011	0.106	0.073
7940		0.84	29.30	<0.005	0.013	0.098	0.005	0.163	0.077
7941		0.72	32.40	<0.005	0.012	0.030	0.003	0.088	0.067
7942		0.63	40.20	<0.005	0.012	0.109	0.006	0.258	0.078
7943		0.99	25.80	<0.005	0.015	0.070	0.005	0.159	0.080
7944		0.91	19.20	<0.005	0.017	0.209	0.012	0.103	0.094
7945		1.02	25.20	<0.005	0.018	0.051	0.005	0.113	0.083
7946		0.45	22.60	<0.005	0.007	0.013	0.002	0.089	0.043
7947		0.59	11.80	<0.005	0.014	0.122	0.007	0.089	0.062
7948		0.52	22.60	<0.005	0.010	0.050	0.004	0.085	0.056
7949		0.79	28.80	<0.005	0.009	0.035	0.005	0.122	0.076
7950		0.57	54.20	<0.005	0.016	0.021	0.003	0.320	0.080
7951		0.37	21.80	<0.005	0.006	0.032	0.002	0.079	0.038
7952		0.38	15.55	<0.005	0.008	0.087	0.002	0.073	0.046
7953		0.89	19.55	<0.005	0.016	0.070	0.008	0.114	0.082
7954		0.86	19.70	<0.005	0.015	0.094	0.003	0.084	0.072
7955		0.58	15.15	<0.005	0.012	0.046	0.004	0.140	0.059
7956		0.49	35.10	<0.005	0.006	0.009	0.002	0.191	0.046
7957		0.65	30.80	<0.005	0.012	0.063	0.003	0.235	0.134
7958		0.61	26.60	<0.005	0.009	0.011	0.002	0.127	0.055
7959		0.62	30.70	<0.005	0.009	0.011	0.002	0.164	0.060
7960		0.79	42.70	<0.005	0.016	0.093	0.005	0.312	0.065
7961		0.76	35.70	<0.005	0.011	0.033	0.003	0.175	0.068
7962		0.55	35.40	<0.005	0.010	0.008	0.002	0.131	0.049
7963	E = 125 μm	0.48	6.53	0.011	0.019	2.060	0.116	0.084	0.555
7964		0.95	26.50	<0.005	0.017	0.062	0.004	0.398	0.072
7965		0.65	35.10	<0.005	0.014	0.132	0.014	0.132	0.085
7966		0.43	14.15	<0.005	0.008	0.027	0.003	0.124	0.047
7967		0.39	26.70	<0.005	0.009	0.026	0.005	0.115	0.083
7968		0.52	22.50	<0.005	0.009	0.036	0.002	0.181	0.057
7969		0.70	33.70	<0.005	0.014	0.042	0.006	0.226	0.102
7970	OREAS 147	217.00	114.00	0.021	0.023	67.400	0.177	1.015	11.850
7971		0.04	46.70	0.005	0.007	0.309	0.005	0.117	2.500
7972		0.05	39.00	0.008	0.005	0.540	0.009	0.131	7.580
7973		0.64	35.60	<0.005	0.015	0.075	0.010	0.227	0.132
7974		1.32	8.76	<0.005	0.301	0.122	0.003	0.064	0.082
7975		0.04	54.00	<0.005	0.004	0.160	0.002	0.017	3.010

TESTS

Sample Description	VA22013500 ME-MS41L V	VA22013500 ME-MS41L W	VA22013500 ME-MS41L Y	VA22013500 ME-MS41L Zn	VA22013500 ME-MS41L Zr
	ppm	ppm	ppm	ppm	ppm

OVERBURDEN: cm thickness of
Humus, Leached, Enriched B-horizon
sand, silt, Clay, Rock

7935 blank	2.7	0.020	0.953	4.2	0.64	- blank black swamp muck
7936	2.1	0.070	0.887	57.6	0.23	- 5 H, 5 L, on ED
7937	2.7	0.083	1.485	58.7	0.25	- 5 H, 5 L, on ED
7938	2.2	0.058	0.323	70.4	0.18	- 5 H, 5 L, 5 ED, on R+blue CD
7939	6.2	0.064	0.516	95.4	0.29	- 5 H on gray C+R
7940	3.3	0.092	0.401	79.4	0.27	- 5 H, 5 L, on DE
7941	2.4	0.071	0.310	57.3	0.20	- 10 H, 10 beige T, on ED
7942	3.3	0.063	0.398	99.0	0.27	- 5 H, 5 L, on E fine D
7943	2.9	0.076	0.339	60.4	0.24	- 5 H, 5 L, 10 E, on R
7944	6.7	0.083	0.401	44.8	0.32	- 5 H, on beige T, rocky
7945	3.1	0.079	0.673	79.8	0.25	- 5-10 H, on beige T, rocky
7946	1.5	0.053	0.258	54.0	0.13	- 5 H on beige T or R
7947	5.6	0.072	0.575	63.6	0.29	- 5 H, on R
7948	2.6	0.064	0.280	74.5	0.24	
7949	2.5	0.068	0.682	80.5	0.23	- 5 H, on TR
7950	2.6	0.064	1.335	224.0	0.15	- 10 H, on beige very fine D
7951	1.4	0.053	0.279	56.9	0.16	- 10 H, on coarse D
7952	1.8	0.061	0.428	53.4	0.23	- 10 H, on R
7953	6.7	0.082	0.843	74.2	0.25	- 10 H, on R
7954	2.6	0.084	0.386	71.5	0.29	- 5 H, 5 L, 5 ED, on rock
7955	2.5	0.066	0.489	56.8	0.23	
7956	1.7	0.055	0.233	116.0	0.14	- 5 H, on R
7957	2.5	0.066	1.440	68.5	0.27	- 5 H, on R
7958	1.8	0.056	0.248	64.0	0.18	
7959	2.0	0.071	0.322	59.5	0.17	- 5 H, on R
7960	3.4	0.080	0.356	145.5	0.26	
7961	2.7	0.077	0.453	98.3	0.23	- 10 H, on R
7962	1.9	0.055	0.376	119.0	0.12	- 10 H, 5 L, on very dark orange = Enriched B-horizon fine beach sand.
7963 E < 125µm	45.9	0.099	2.340	18.8	1.24	
7964	2.9	0.084	0.317	88.9	0.22	
7965	8.3	0.074	1.015	92.5	0.36	
7966	2.0	0.059	0.272	88.3	0.19	- 10 H, on gray coarse DTR
7967	3.3	0.054	1.645	88.2	0.13	
7968	2.0	0.061	0.586	80.1	0.22	
7969	3.9	0.065	1.650	103.0	0.09	- 10 H, on beige T
7970 OREAS 147	53.5 ✓	1.800	13.600	116.0 ✓	23.40	- cannot compare aqua regia test
7971	34.7 ✓	0.034	2.360	24.2 ✓	1.37	UT2-AR
7972	51.8 ✓	0.188	2.370	31.0 ✓	2.40	
7973	6.4	0.064	1.280	174.5 ✓	0.09	TESTS across batches OK ✓ UT2-AR
7974	3.9	0.341	1.270	835.0 ✓	0.31	
7975	9.7	0.008	3.100	25.8 ✓	1.20	MS41L-AR

TESTS

SUM: thin humus on thin leached
on enriched sand or silt often on
bedrock at 15-30 cm depth.



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To: HERMANN DAXL

Page: 1
 Total # Pages: 2 (A - D)
 Plus Appendix Pages
 Finalized Date: 12-JAN-2023
 Account: DAXHER

CERTIFICATE VA22334307

Project: MOL-LG-VEG
Decayed sieved < 250 micron
 This report is for 37 samples of Vegetation submitted to our lab in Vancouver, BC, Canada on 18-NOV-2022.
 The following have access to data associated with this certificate:
 HERMANN DAXL

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21 q	Received Wet Sample Wt in grams
LOG-22	Sample login - Rcd w/o BarCode

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS41L	Super Trace Lowest DL AR by ICP-MS	AQUA REGIA 0.45g

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.
 ***** See Appendix Page for comments regarding this certificate *****

Signature: 
 Saa Traxler, Director, North Vancouver Operations

Decayed vegetation (K) sieved <250µm (except PAT)

ALS by Super aqua regia 0.45g

Sample Description	ME-MS41L Au ppb	ME-MS41L Ag ppm	ME-MS41L Al %	ME-MS41L As ppm	ME-MS41L B ppm	ME-MS41L Ba ppm	ME-MS41L Be ppm	ME-MS41L Bi ppm
159 blank M40 ✓	0.2	0.043	0.44	1.08	<10	39.3	0.21	0.050
7976 K	0.5	0.150	0.12	0.59	<10	84.9	0.06	0.166
7977 K	0.9	0.173	0.14	0.73	<10	80.1	0.08	0.223
7978 K	0.8	0.030	0.17	0.89	<10	44.3	0.04	0.189
7979 K	0.5	0.060	0.10	0.85	<10	64.7	0.05	0.167
7980 K	0.4	0.105	0.07	0.56	<10	70.4	0.02	0.117
7981 K 1% sand	1.1	0.055	0.10	1.24	<10	66.6	0.03	0.271
7982 K	1.2	0.158	0.25	2.13	<10	90.3	0.16	0.403
7983 K	0.5	0.031	0.07	0.72	<10	65.6	0.03	0.157
7984 K	0.4	0.107	0.10	0.62	<10	119.0	0.05	0.141
7985 K	0.3	0.061	0.07	0.54	<10	86.2	0.03	0.121
7986 K	0.4	0.126	0.07	0.50	<10	64.1	0.02	0.129
7987 K	0.8	0.100	0.15	1.11	<10	94.9	0.05	0.219
7988 K	0.9	0.066	0.14	1.11	<10	113.0	0.04	0.307
7989 K	0.8	0.059	0.13	0.80	<10	93.4	0.04	0.208
7990 K	0.6	0.060	0.10	0.91	<10	91.2	0.04	0.215
7991 K	0.7	0.070	0.13	1.08	<10	87.4	0.06	0.274
7992 K	1.6	0.028	0.11	0.54	<10	37.3	0.04	0.134
7993 K	0.6	0.020	0.07	0.40	<10	25.7	0.02	0.101
7994 K	0.4	0.028	0.11	0.63	<10	111.0	0.05	0.154
7995 K	0.7	0.120	0.12	1.53	<10	82.3	0.05	0.412
7996 K tr silt	0.7	0.070	0.13	1.03	<10	76.9	0.04	0.186
7997 K	0.6	0.055	0.10	0.87	<10	67.6	0.04	0.180
7998 K	0.5	0.059	0.08	0.96	<10	56.4	0.03	0.203
7999 OREAS 147 ✓	4.3	0.312	1.13	29.20	<10	1210.0	1.71	10.900 ✓
125.250 PAT K 3% T ✓	0.7	0.049	0.17	0.81	<10	45.2	0.05	0.181
R7931 K rerun ✓	0.6	0.100 0.107	0.08 ✓	0.55	10	136.0 ✓	0.09	0.380 0.41
R7965 K rerun ✓	0.3 0.5	0.041 ✓	0.27	1.02 1.21	<10	109.0 ✓	0.13	0.251 0.295
R7979 K rerun ✓	0.8	0.056 ✓	0.10	0.71	<10	64.0 ✓	0.05	0.144

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Sample Description	ME-MS41L Ca %	ME-MS41L Cd ppm	ME-MS41L Ce ppm	ME-MS41L Co ppm	ME-MS41L Cr ppm	ME-MS41L Cs ppm	ME-MS41L Cu ppm	ME-MS41L Fe %
159 blank M	2.84	0.447	11.500	1.170	5.44	0.145	10.55	0.390
7976	0.50	0.405	2.880	0.946	1.52	1.635	9.29	0.111
7977	0.50	0.360	2.730	1.060	2.54	2.340	8.25	0.134
7978	0.32	0.430	2.420	0.536	3.07	1.390	8.15	0.201
7979	0.37	0.333	1.820	0.744	1.86	1.165	9.53	0.124
7980	0.42	0.391	1.610	0.651	1.24	1.050	9.92	0.089
7981 1% sand	0.51	0.319	1.890	0.570	1.82	0.625	8.14	0.135
7982	0.36	0.446	4.660	1.655	2.21	0.528	8.76	0.185
7983	0.34	0.343	1.165	0.449	1.22	0.548	7.76	0.094
7984	0.52	0.556	2.040	1.455	1.35	0.556	8.91	0.105
7985	0.55	0.539	1.360	0.701	1.29	0.492	8.69	0.092
7986	0.40	0.355	1.155	0.427	2.28	0.548	10.35	0.096
7987	0.45	0.338	2.450	0.976	2.04	0.742	9.75	0.164
7988	0.46	0.526	2.960	0.816	2.08	0.805	8.69	0.162
7989	0.56	0.448	2.150	0.789	2.33	0.626	9.16	0.164
7990	0.42	0.422	1.625	0.522	1.64	0.560	12.50	0.133
7991	0.33	0.289	3.030	0.626	1.73	0.748	8.63	0.143
7992	0.35	0.481	2.700	0.488	0.99	1.160	8.74	0.106
7993	0.30	0.409	0.934	0.307	0.83	0.557	7.03	0.066
7994	0.42	0.346	2.880	0.735	0.96	0.715	9.28	0.093
7995	0.39	0.279	2.010	0.688	1.77	0.792	9.49	0.144
7996 tr silt	0.39	0.403	1.765	0.585	2.40	0.941	8.18	0.176
7997	0.32	0.376	2.150	0.557	2.39	0.915	7.09	0.125
7998	0.37	0.395	1.380	0.431	1.20	0.760	7.57	0.106
7999 OREAS 147	0.45	<0.001	>500	5.740 ✓	61.20 ✓	80.500	286.00 ✓	2.730
125-250 PAT 3% silt	0.88	0.330	5.340	0.822	3.94	0.259	7.61	0.239
R7931	0.72	0.779	3.210 ✓	3.130 2.9	1.22 ✓	1.800 ✓	12.95 10.6	0.085 ✓
R7965	0.67 ✓	0.560 608	4.730 ✓	4.620 5.01	5.39 ✓	1.570 ✓	11.00 ✓	0.410 ✓
R7979	0.37	0.312	2.040	0.670	1.73	1.235	9.15	0.116

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Sample Description	ME-MS41L Ga ppm	ME-MS41L Ge ppm	ME-MS41L Hf ppm	ME-MS41L Hg ppm	ME-MS41L In ppm	ME-MS41L K %	ME-MS41L La ppm	ME-MS41L Li ppm
159 blank M	1.450	0.043	0.046	0.178	0.008	0.01	5.810	0.8
7976	0.334	0.032	0.006	0.260	0.015	0.08	1.520	0.3
7977	0.495	0.064	0.005	0.254	0.013	0.08	1.500	0.4
7978	0.853	0.034	0.007	0.258	0.014	0.08	1.315	1.0
7979	0.445	0.046	0.008	0.244	0.012	0.07	0.974	0.7
7980	0.294	0.030	0.005	0.225	0.007	0.10	0.923	0.4
7981 1% sand	0.456	0.046	0.007	0.339	0.021	0.08	1.030	0.5
7982	0.667	0.079	0.008	0.298	0.024	0.08	2.610	0.7
7983	0.290	0.042	0.005	0.282	0.012	0.08	0.621	0.4
7984	0.328	0.041	0.006	0.199	0.009	0.09	1.295	0.6
7985	0.243	0.026	0.005	0.219	0.007	0.08	0.775	0.6
7986	0.252	0.024	0.004	0.314	0.010	0.09	0.618	0.4
7987	0.532	0.046	0.006	0.269	0.017	0.07	1.395	0.5
7988	0.548	0.050	0.008	0.254	0.020	0.08	1.845	0.6
7989	0.497	0.029	0.008	0.302	0.015	0.07	1.165	0.8
7990	0.393	0.041	0.006	0.375	0.016	0.08	0.921	0.3
7991	0.455	0.046	0.006	0.353	0.018	0.05	1.680	0.2
7992	0.272	0.027	0.004	0.263	0.011	0.07	1.495	0.1
7993	0.184	0.016	0.004	0.211	0.007	0.07	0.521	0.1
7994	0.259	0.023	0.006	0.355	0.014	0.09	1.525	0.1
7995	0.486	0.056	0.008	0.387	0.018	0.07	1.085	0.3
7996 tr silt	0.576	0.043	0.007	0.295	0.012	0.07	0.955	0.7
7997	0.416	0.032	0.005	0.279	0.011	0.06	1.105	0.3
7998	0.344	0.041	0.005	0.295	0.012	0.07	0.788	0.2
7999 OREMS 147	5.250	0.401	0.889	0.012	2.120	0.46	280.000	113.0
115-250 PAT 3% silt	0.712	0.035	0.010	0.222	0.019	0.04	3.130	0.7
R7931	0.219	0.026	0.005	0.222 ✓	0.010	0.07	1.680 ✓	0.2 0.3
R7965	0.991 ✓	0.028	0.008	0.256 0.306	0.018 ✓	0.06 ✓	2.520 ✓	1.5 1.1
R7979	0.401	0.032	0.005	0.258	0.012	0.07	1.085	0.5

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Sample Description	ME-MS41L Mg %	ME-MS41L Mn ppm	ME-MS41L Mo ppm	ME-MS41L Na %	ME-MS41L Nb ppm	ME-MS41L Ni ppm	ME-MS41L P %	ME-MS41L Pb ppm
159 blank M	0.17	113.5	0.26	0.010	0.390	4.60	0.041	3.19
7976	0.06	358.0	0.36	0.010	0.074	9.78	0.095	12.70
7977	0.06	221.0	0.80	0.007	0.111	10.05	0.088	12.80
7978	0.06	213.0	0.80	0.008	0.234	6.28	0.081	12.20
7979	0.06	114.5	0.75	0.007	0.114	7.03	0.074	11.25
7980	0.05	368.0	0.74	0.009	0.092	5.26	0.086	6.22
7981 1% sand	0.05	169.0	0.44	0.010	0.097	8.27	0.071	18.75
7982	0.04	122.0	0.53	0.008	0.109	11.05	0.093	32.40
7983	0.04	115.0	0.24	0.005	0.059	5.83	0.073	10.10
7984	0.05	417.0	0.33	0.008	0.086	7.81	0.089	8.12
7985	0.06	331.0	0.25	0.009	0.055	5.83	0.083	7.13
7986	0.05	183.5	0.24	0.006	0.066	6.72	0.090	8.17
7987	0.06	240.0	0.44	0.006	0.126	8.66	0.089	16.90
7988	0.05	212.0	0.49	0.008	0.109	9.72	0.082	21.60
7989	0.06	408.0	0.34	0.008	0.158	8.05	0.091	15.00
7990	0.04	278.0	0.39	0.005	0.090	8.77	0.086	15.55
7991	0.04	156.5	0.57	0.005	0.081	9.28	0.073	25.50
7992	0.05	94.1	0.27	0.003	0.054	5.76	0.075	9.13
7993	0.04	107.5	0.20	0.005	0.048	4.65	0.065	5.28
7994	0.05	130.5	0.31	0.005	0.052	6.62	0.075	15.10
7995	0.04	135.5	0.55	0.006	0.127	8.84	0.081	26.60
7996 tr silt	0.05	298.0	0.47	0.005	0.128	8.36	0.084	12.85
7997	0.04	138.5	0.41	0.005	0.113	8.55	0.068	11.95
7998	0.04	224.0	0.36	0.003	0.067	6.85	0.077	14.45
7999 OREAS 147	0.40	236.0	7.06 ✓	0.119	68.200	20.60	0.084	9.78
125-250 PAT 3% silt	0.10	62.2	0.28	0.009	0.252	5.58	0.065	19.45
R7931	0.08	787.0	6.63 3.53	0.007	0.058	19.75 ✓	0.095	13.15 ✓
R7965	0.08 ✓	819.0 855	1.56 ✓	0.005	0.294 ✓	11.65 12.95	0.101 ✓	15.95 ✓
R7979	0.05	112.0	0.67 ✓	0.005	0.109	6.65	0.072	11.35

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Sample Description	ME-MS41L Pd ppb	ME-MS41L Pt ppb	ME-MS41L Rb ppm	ME-MS41L Re ppm	ME-MS41L S %	ME-MS41L Sb ppm	ME-MS41L Sc ppm	ME-MS41L Se ppm
159 blank M	1	<2	0.88	0.0012	0.21	0.077	0.764	1.110
7976	2	<2	5.34	0.0013	0.17	0.185	0.247	0.684
7977	1	<2	6.18	0.0014	0.15	0.267	0.228	0.793
7978	<1	<2	5.60	0.0011	0.15	0.213	0.323	0.783
7979	4	<2	4.97	0.0013	0.16	0.227	0.280	0.671
7980	4	<2	5.36	0.0011	0.17	0.197	0.178	0.505
7981 1% sand	<1	<2	4.21	0.0017	0.16	0.322	0.270	0.938
7982	1	<2	4.68	0.0017	0.17	0.373	0.348	1.120
7983	1	<2	4.71	0.0011	0.15	0.206	0.237	0.612
7984	<1	<2	6.54	0.0014	0.16	0.204	0.266	0.605
7985	1	<2	3.72	0.0015	0.16	0.170	0.183	0.577
7986	<1	<2	5.24	0.0012	0.17	0.186	0.188	0.671
7987	<1	<2	4.49	0.0016	0.18	0.278	0.298	0.765
7988	1	<2	7.06	0.0016	0.15	0.309	0.354	0.902
7989	1	<2	4.43	0.0016	0.16	0.216	0.339	0.771
7990	<1	<2	5.12	0.0015	0.17	0.262	0.206	0.873
7991	<1	<2	4.41	0.0015	0.17	0.267	0.278	0.949
7992	<1	<2	5.14	0.0015	0.18	0.172	0.232	0.708
7993	<1	<2	4.11	0.0009	0.16	0.140	0.180	0.622
7994	1	<2	5.45	0.0012	0.17	0.172	0.267	0.748
7995	1	<2	4.83	0.0014	0.17	0.360	0.304	1.050
7996 tr silt	1	<2	4.58	0.0014	0.16	0.297	0.293	0.825
7997	<1	<2	4.41	0.0016	0.15	0.211	0.298	0.782
7998	<1	<2	5.21	0.0014	0.16	0.232	0.236	0.706
7999 OREAS 147	<1	<2	148.50	0.0004	0.04	1.995	6.780	0.538
125-250 PAT 3% silt	<1	<2	3.24	0.0007	0.15	0.189	0.605	0.610
R7931	<1	2	5.51	0.0005	0.22 ^{0.19}	0.188 ^{0.16}	0.241	0.557
R7965	<1 ✓	<2 ✓	5.25 ✓	0.0008 ✓	0.17 ✓	0.215 ✓	0.417 ✓	0.784 ^{0.928}
R7979	<1	<2	5.12	0.0013	0.18	0.217	0.256	0.705

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Sample Description	ME-MS41L Sn ppm	ME-MS41L Sr ppm	ME-MS41L Ta ppm	ME-MS41L Te ppm	ME-MS41L Th ppm	ME-MS41L Tl %	ME-MS41L Tl ppm	ME-MS41L U ppm
159 blank M	0.15	92.10	0.008	0.005	0.359	0.014	0.019	1.120
7976	0.50	22.80	<0.005	0.009	0.043	0.002	0.113	0.057
7977	0.86	31.40	<0.005	0.010	0.039	0.004	0.116	0.081
7978	0.63	18.20	<0.005	0.013	0.144	0.008	0.092	0.076
7979	0.54	24.80	<0.005	0.011	0.075	0.005	0.102	0.056
7980	0.46	21.90	<0.005	0.007	0.040	0.003	0.152	0.049
7981 1/2 sand	0.89	22.60	<0.005	0.013	0.101	0.004	0.093	0.080
7982	1.35	27.40	<0.005	0.024	0.062	0.004	0.106	0.117
7983	0.55	20.00	<0.005	0.008	0.042	0.002	0.069	0.044
7984	0.55	28.80	<0.005	0.009	0.131	0.003	0.084	0.056
7985	0.42	28.70	<0.005	0.007	0.055	0.002	0.093	0.050
7986	0.37	21.00	<0.005	0.008	0.027	0.002	0.074	0.046
7987	0.87	29.50	<0.005	0.013	0.077	0.005	0.079	0.091
7988	0.96	25.90	<0.005	0.016	0.183	0.004	0.061	0.089
7989	0.59	28.00	<0.005	0.013	0.160	0.005	0.106	0.088
7990	0.66	22.00	<0.005	0.010	0.026	0.003	0.093	0.074
7991	0.79	25.50	<0.005	0.014	0.100	0.003	0.085	0.094
7992	0.39	17.35	<0.005	0.008	0.086	0.002	0.088	0.056
7993	0.28	11.15	<0.005	0.003	0.020	0.001	0.061	0.037
7994	0.36	21.90	<0.005	0.006	0.060	0.002	0.077	0.056
7995	1.05	19.40	0.009	0.015	0.072	0.003	0.082	0.114
7996 tr silt	0.84	21.60	<0.005	0.011	0.083	0.007	0.092	0.071
7997	0.57	23.40	<0.005	0.010	0.173	0.005	0.056	0.065
7998	0.62	19.50	<0.005	0.008	0.040	0.002	0.077	0.058
7999 OREAS 147	201.00	115.50	0.021	0.023	73.300	0.175	0.928	13.400
125-150 PAT 3% silt	0.53	29.10	<0.005	0.008	0.505	0.010	0.044	0.161
R7931	0.36 0.27	35.20 31.8	<0.005	0.006	0.046	0.002	0.141	0.062
R7965	0.61 ✓	34.90 ✓	<0.005	0.012 ✓	0.179 0.132	0.014 ✓	0.118 0.132	0.098 0.085
R7979	0.52	25.80	<0.005	0.009	0.085	0.005	0.093	0.066

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OVERBURDEN: cm thickness of
Humus, Leached, Enriched B-horizon,
sand, silt, Clay, Rock

Sample Description	ME-MS41L V ppm	ME-MS41L W ppm	ME-MS41L Y ppm	ME-MS41L Zn ppm	ME-MS41L Zr ppm	
159 blank M	7.2	0.039	2.560	7.6	1.95	- black muck at 40 cm depth (work top)
7976	1.7	0.052	0.531	68.4	0.19	- 10 H, 10 gray sand, on rusty D.
7977	2.7	0.068	0.459	46.5	0.21	- 10 H on rock
7978	4.2	0.056	0.325	66.9	0.30	- 10 H, 15 beige D, on brick D.
7979	2.5	0.052	0.361	60.0	0.21	- 10 H, on R.
7980	1.9	0.055	0.245	65.6	0.17	- 5H, 5 gray D, on fine beach beige D
7981 1% sand	2.5	0.073	0.375	55.3	0.29	- 10 H, on fine D + Rock
7982	3.3	0.101	0.956	39.5	0.25	- 5H, 5L, on yellow-brown fine D
7983	1.6	0.053	0.243	55.0	0.22	- 10H, 2L, on brick-beige fine D
7984	1.9	0.054	0.346	60.3	0.23	- 5H, 5L, on yell-brown fine D/granules
7985	1.5	0.050	0.270	86.5	0.17	- 5H, 5L, on E D
7986	1.7	0.063	0.250	55.9	0.17	- 5H, 10L, on very dark E D.
7987	3.2	0.072	0.381	59.1	0.24	- 5H, 5L, 5 E, on brick D.
7988	2.8	0.079	0.419	53.7	0.29	- 5H, 5L, on orange E D.
7989	3.1	0.070	0.386	58.3	0.31	- 5H, 5 black-brown coarse D, on fine D
7990	2.6	0.063	0.339	61.7	0.19	- 5H, on D.
7991	2.5	0.093	0.513	39.5	0.25	- 5H, 15L, on beige fine D.
7992	1.5	0.046	0.456	56.4	0.18	- 5H, 5 gray fine D, on R.
7993	1.1	0.038	0.215	70.8	0.15	- 5H, on beige fine D.
7994	1.6	0.047	0.566	66.9	0.19	- 5H, 5 dk gray D, 5 beige D, on R.
7995	2.5	0.081	0.438	49.7	0.30	- 5H, on gray fine D
7996 tr silt	3.5	0.067	0.298	52.9	0.26	- 5H, on dk gray fine D
7997	2.4	0.058	0.355	48.6	0.23	- 5H, 5L, on orange-brown fine E D
7998	1.6	0.054	0.300	72.1	0.21	- 5H, 5L, on orange-brown D
7999 DREAS 147	51.7	1.790	14.400	119.0 ✓	24.20	STANDARD
125-250 PAT 3% silt	4.7	0.084	1.085	25.8	0.40	REGIONAL TEST - GRANITIC ✓
R7931	1.4	0.051	0.704	116.5 ¹⁰¹	0.17	RERUN 7931 ACTLAB UT2-AR
R7965	7.9 ✓	0.068 ✓	1.020 ✓	89.7 ^{92.5}	0.35 ✓	RERUN 7965 ME-MS 41L
R7979	2.3	0.052	0.392	59.3	0.20	RERUN 7979 above



Report No.: A22-00225
Report Date: 04-Apr-22
Date Submitted: 10-Jan-22
Your Reference: MUW 3-655-NA

Hermann Daxl

ATTN: Hermann Daxl

CERTIFICATE OF ANALYSIS

33 vial samples were submitted for analysis. Compacted with < 250 micrometers decayed vegetation sievings

Table with 2 columns: The following analytical package(s) were requested: and Testing Date:
Row 1: 2B-136 7 cm3 - see mass net | QOP INAA GEO (Vegetation INAA) | 2022-03-28 19:58:19

Neutron activation Code 2.B - Vegetation, double irradiation time, not briquettes

REPORT A22-00225

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Footnote: INAA data may be suppressed due to high concentrations of some analytes.



LabID: 266

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CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control
Coordinator

Decayed vegetation (K) sieved < 250 μm , compacted into 7 cm^3 vials - by neutron activation, ~~2B~~ vegetation, double irradi. time

Results

Activation Laboratories Ltd.

Report: A22-00225

Analyte Symbol	Au	Ag	As	Ba	Br	Ca	Co	Cr	Cs	Fe	Hg	Hf	Ir	K	Mo	Na	Ni	Rb	Sb	Sc
Unit Symbol	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppb	%	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.3	0.01	5	0.01	0.01	0.1	0.3	0.05	0.005	0.05	0.05	0.1	0.01	0.05	1	2	1	0.005	0.01
Analysis Method	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
7959 \downarrow	< 0.1	< 0.3	0.47	81	12.90	0.29	3.5	9.8	3.46 ^{1.3}	0.240	< 0.05	0.26	< 0.1	2.63	< 0.05	1030	< 2	< 1	0.360	0.94
7964 trace sand	< 0.1	< 0.3	0.33	166	10.90	< 0.01	3.4	17.4	7.38 ^{5.2}	0.330	0.87	1.02	< 0.1	2.66	0.86	1710	< 2	8	0.520	1.31
7938 1% sand	< 0.1	< 0.3	0.59	116	12.00	1.50	2.7	15.5	0.22 ^{0.4}	0.330	0.08	1.30	< 0.1	2.53	< 0.05	2550	< 2	< 1	0.370	1.29
7952 \downarrow	< 0.1	< 0.3	0.31	111	15.30	0.22	3.7	8.8	0.81 ^{0.7}	0.240	0.82	< 0.05	< 0.1	2.61	< 0.05	590	< 2	< 1	0.330	0.82
7954 \downarrow	< 0.1	< 0.3	2.15	49	13.90	< 0.01	1.1	7.9	1.41 ^{0.8}	0.280	1.04	0.24	< 0.1	3.03	< 0.05	988	< 2	< 1	0.390	0.97

Sand (D) shows as Cr, Na, Sc, total values.

Results

Activation Laboratories Ltd.

Report: A22-00225

Analyte Symbol	Se	Sr	Ta	Th	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Lu	Yb	Mass
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g
Detection Limit	0.1	100	0.05	0.1	0.01	0.05	2	0.01	0.1	0.3	0.001	0.05	0.1	0.001	0.005	net
Analysis Method	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
7959	< 0.1	< 100	< 0.05	0.8	< 0.01	< 0.05	60 \checkmark	3.01	8.2	2.3	0.360	< 0.05	< 0.1	0.010	< 0.005	2.44
7964	< 0.1	< 100	< 0.05	1.0	< 0.01	< 0.05	86 \checkmark	3.46	9.7	2.5	0.520	< 0.05	< 0.1	< 0.001	0.120	2.78
7938	< 0.1	< 100	< 0.05	1.1	< 0.01	< 0.05	64 \checkmark	3.77	3.9	< 0.3	0.510	< 0.05	< 0.1	0.010	< 0.005	2.79
7952	< 0.1	< 100	< 0.05	0.7	< 0.01	< 0.05	50 \checkmark	2.87	5.7	< 0.3	0.390	< 0.05	< 0.1	< 0.001	0.060	2.47
7954	< 0.1	< 100	< 0.05	1.4	< 0.01	< 0.05	59 \checkmark	3.03	3.7	< 0.3	0.410	0.07	< 0.1	0.010	0.060	2.69 - at Beep Mat conductor without values

INAA is not suitable for Mo, but works best for Cs. Zn works in INAA as well as aqua regia.
 INAA works best for gold but here is none.

LOG of WORK DONE by H. DAXL in Desrosiers Claims2021

P	7	OCT.	Plan and prepare field work for long trip
P	8	"	Find access, sampled 7936 - 7941, prospect
B	9	"	Dry, map, plot
P	19	"	Sampled 7942 - 7948
B	20	"	Dry, map, plot
B	21	"	Make sachets, dry, sieve, find standards.
P	22	"	Clear road to drive in closer
P	25	"	Clear road to drive in closer
P	28	"	Prospect and sample 7949 - 7955
B	29	"	Dry, plot, make labels.
P	30	"	Clear road
P	1	NOV	Clear road to 1782/7356N
P	3	"	Prospect, sampled 7956 - 7963
B	4	"	Dry, plot, plan
P	6	"	Prospect, sampled 7964 - 7969
B	18	"	Sieving
B	19	"	Sieving
B	21	"	Sieving
B	23	"	Sieving
B	24	"	Select test samples

2022

B	9	JAN	fill and weigh sachets, fill vials Actlab
B	10	"	pack and ship to ALS, purchase order.
R	7	MAY	Study ALS results, annotate VA 22013500.
R	8	"	Compare tests ALS, print
R	9	"	Study ACTLAB results, annotate, print.
R	10	"	List of coordinates, log
P	26	AUG	Sampled 7976 - 7984
P	1	SEP.	- " - 7985 - 7988
B	2	"	Dry 13 samples
P	23	"	cut back bushes on road
B	24	"	Prepare and sieve samples 7976 - 7988
P	28	"	Sampled 7989 - 7988

LOG of Work done by H. DAXL in Desrosiers Claims Page 2 of 2

2022

- B 29 SEP Drying, plotting, labels.
- B 30 " " " select standard + reruns.
- B 2 OCT Prep and sieve 7989 - 7998
- B 11 NOV. Fill sachets, weigh, file, label.
- B 14 " P.O., pack, summarize notes, ship.

2023:

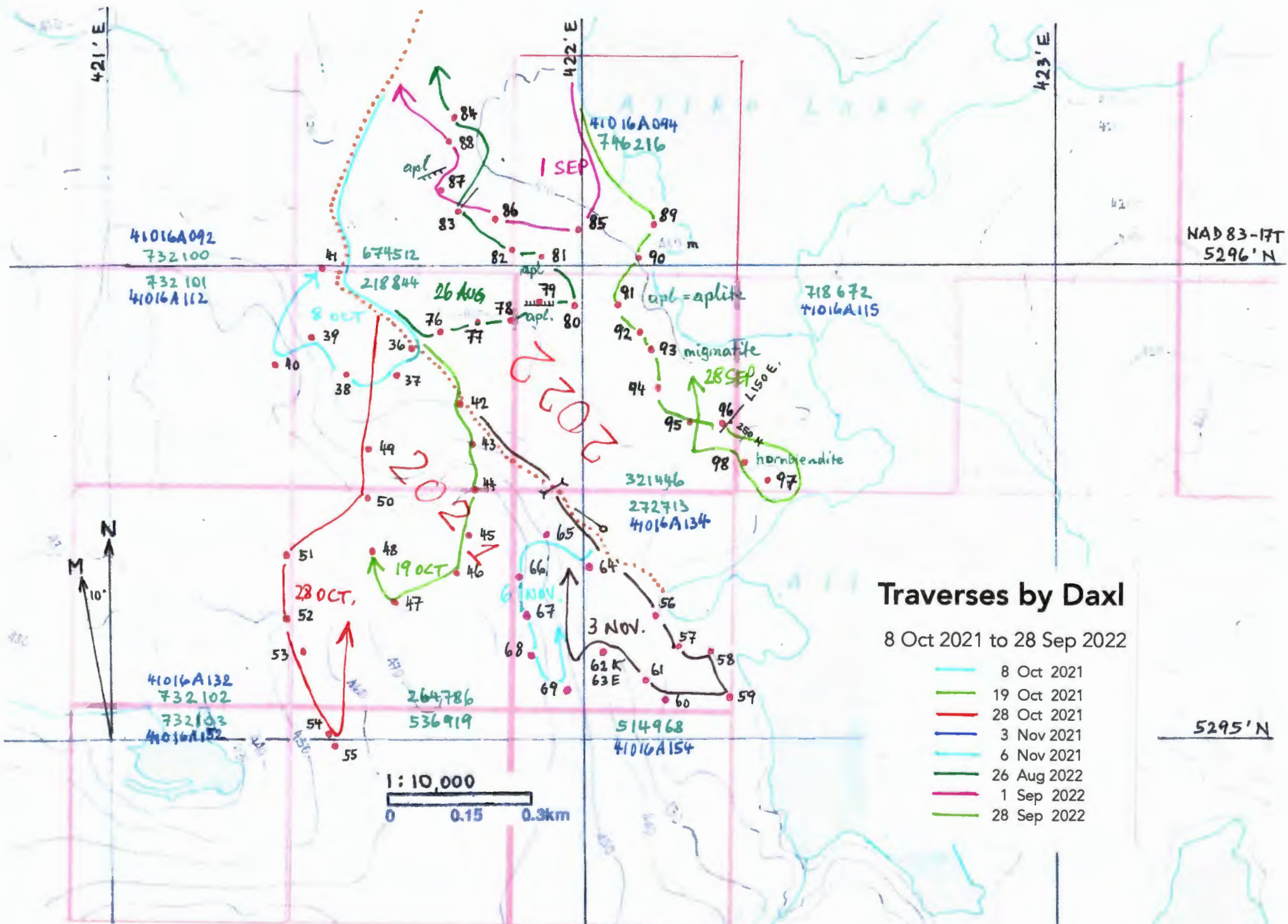
- R 25 FEB. Annotate VA22334307
- R 26 " Study results, test reruns OK.
- R 27 " Finish list of coordinate, access maps.
- R 28 " Finalize sample location map
- R 1 MAR 4 Element maps
- R 2 " Draft Report, write logs, traverse map
- R 3 " Write Report
- R 4 " Write Report
- R 5 " Proofread, copy, scan.

14 Field Days

19 Beneficiation

13 Report Days

46 days



41016A092
732100
732101
41016A112

41016A094
746216

NAD83-17T
5296'N

718672
41016A115

321446
272713
41016A134

41016A132
732102
732103
41016A152

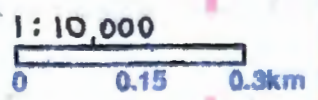
264786
536919

514968
41016A154

Traverses by Daxl

8 Oct 2021 to 28 Sep 2022

- 8 Oct 2021
- 19 Oct 2021
- 28 Oct 2021
- 3 Nov 2021
- 6 Nov 2021
- 26 Aug 2022
- 1 Sep 2022
- 28 Sep 2022



5295'N

NAD 83 UTM Zone 17 T**Alike Lakes, Desrosiers Township**

(K-Samples are composites of 6 spots in 15 m radius plotted in the center)

Sample #	Easting 42	Northing 529	Sample #	Easting 42	Northing 529
7936	1638	5826	7976	1700	5859
7937	1605	5777	7977	1774	5875
7938	1502	5775	7978	1851	5890
7939	1430	5850	7979	1912	5923
7940	1354	5790	7980	1978	5917
7941	1445	5998	7981	1916	6020
7942	1742	5710	7982	1847	6035
7943	1763	5623	7983	1740	6112
7944	1773	5529	7984	1735	6315
7945	1755	5428	7985	1993	6077
7946	1733	5351	7986	1816	6103
7947	1602	5291	7987	1708	6161
7948	1550	5401	7988	1719	6262
7949	1542	5619	7989	2144	6081
7950	1542	5510	7990	2122	6014
7951	1368	5394	7991	2077	5915
7952	1370	5257	7992	2121	5861
7953	1403	5186	7993	2143	5824
7954	1460	5010	7994	2155	5743
7955	1471	4992	7995	2220	5672
7956	2149	5259	7996	2293	5658
7957	2200	5197	7997	2389	5549
7958	2269	5184	7998	2338	5582
7959	2308	5083			
7960	2172	5085	PAT	435736	5300890
7961	2127	5121			
7962	2038	5183			
7963 E	"	"			
7964	2006	5365			
7965	1927	5432			
7966	1864	5345			
7967	1880	5257			
7968	1894	5177			
7969	1965	5108			