Ontario

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Much Gold

in Decayed Vegetation

north of Little Goose Lake

Murphy Township, Ontario, Canada

On Claims :

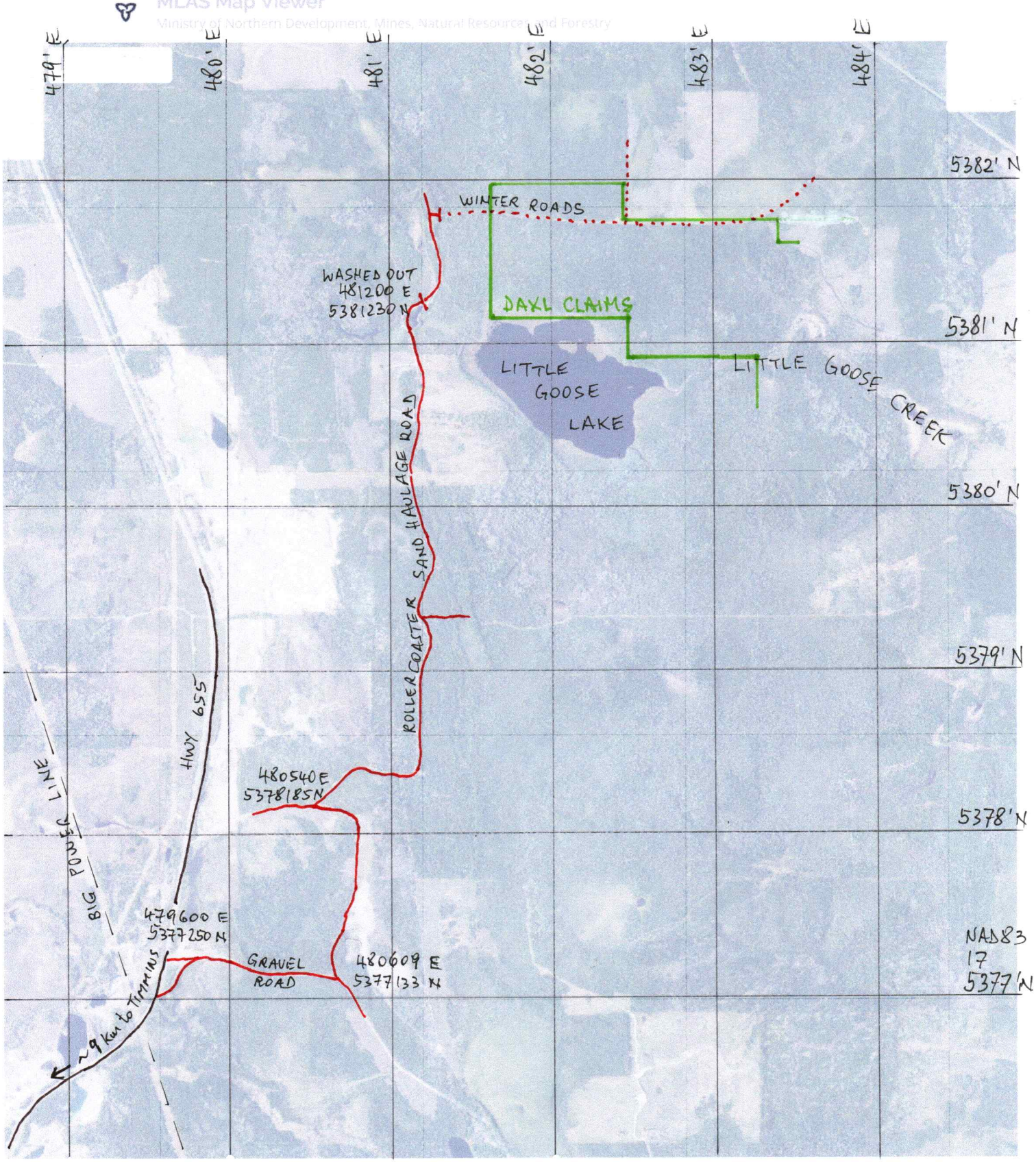
644742, 644743, 644744, 644745, 644746, 644747

In Respective Cells :

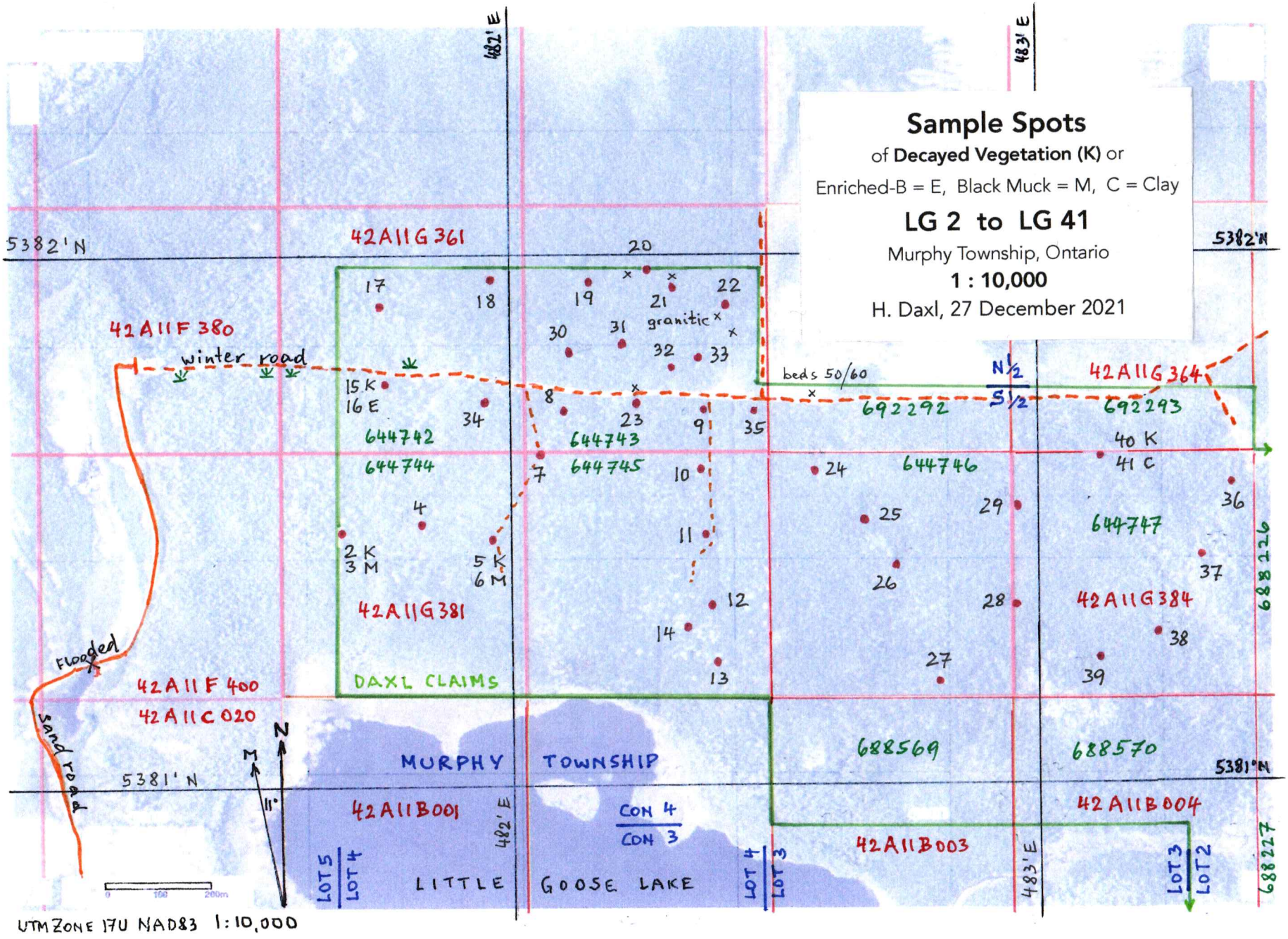
42A11G361, 42A11G362, 42A11G381, 42A11G382, 42A11G383, 42A11G384

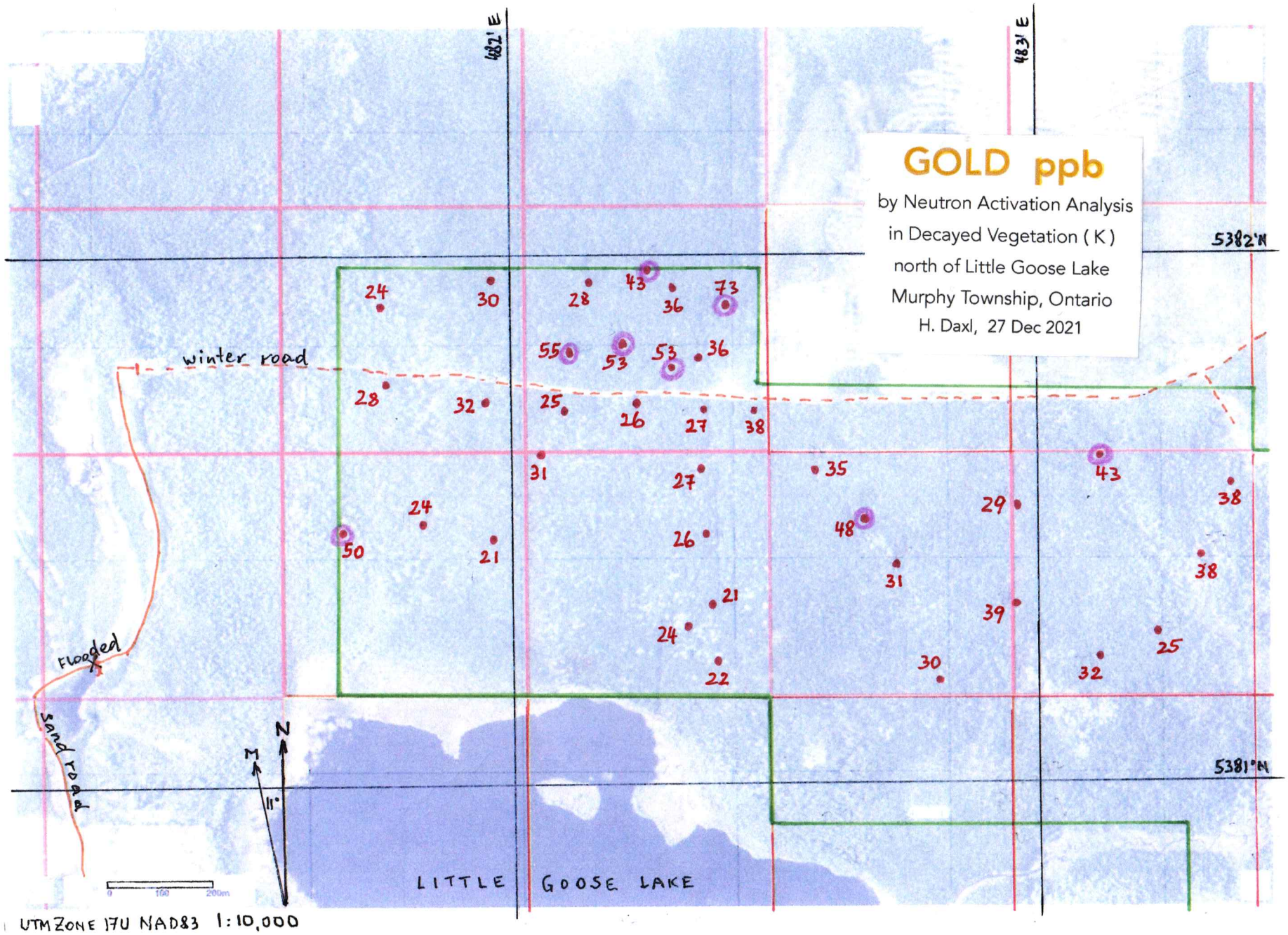
Report by Hermann Daxl, M.Sc.(Minex), Claim Holder

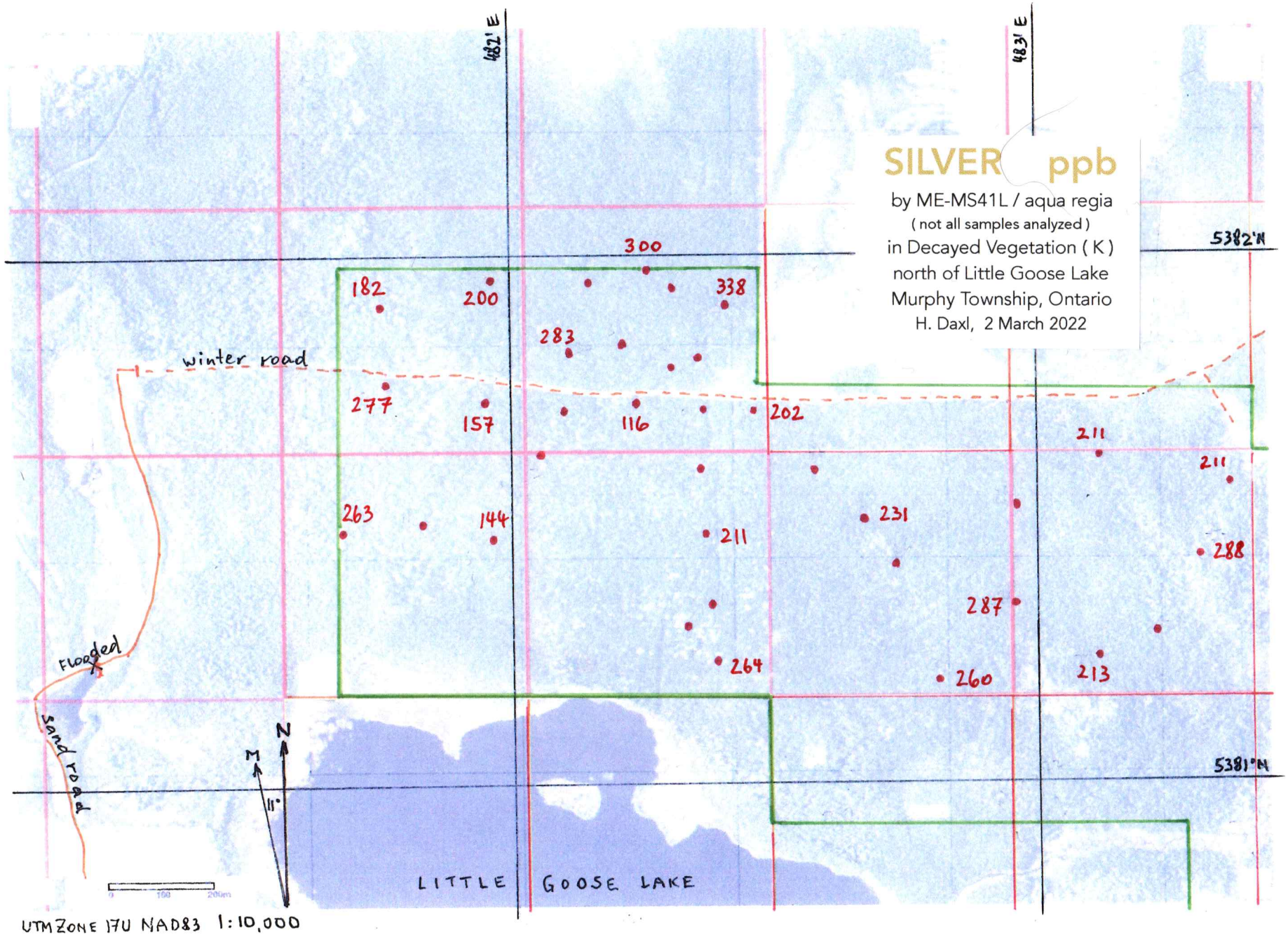
7 March 2022

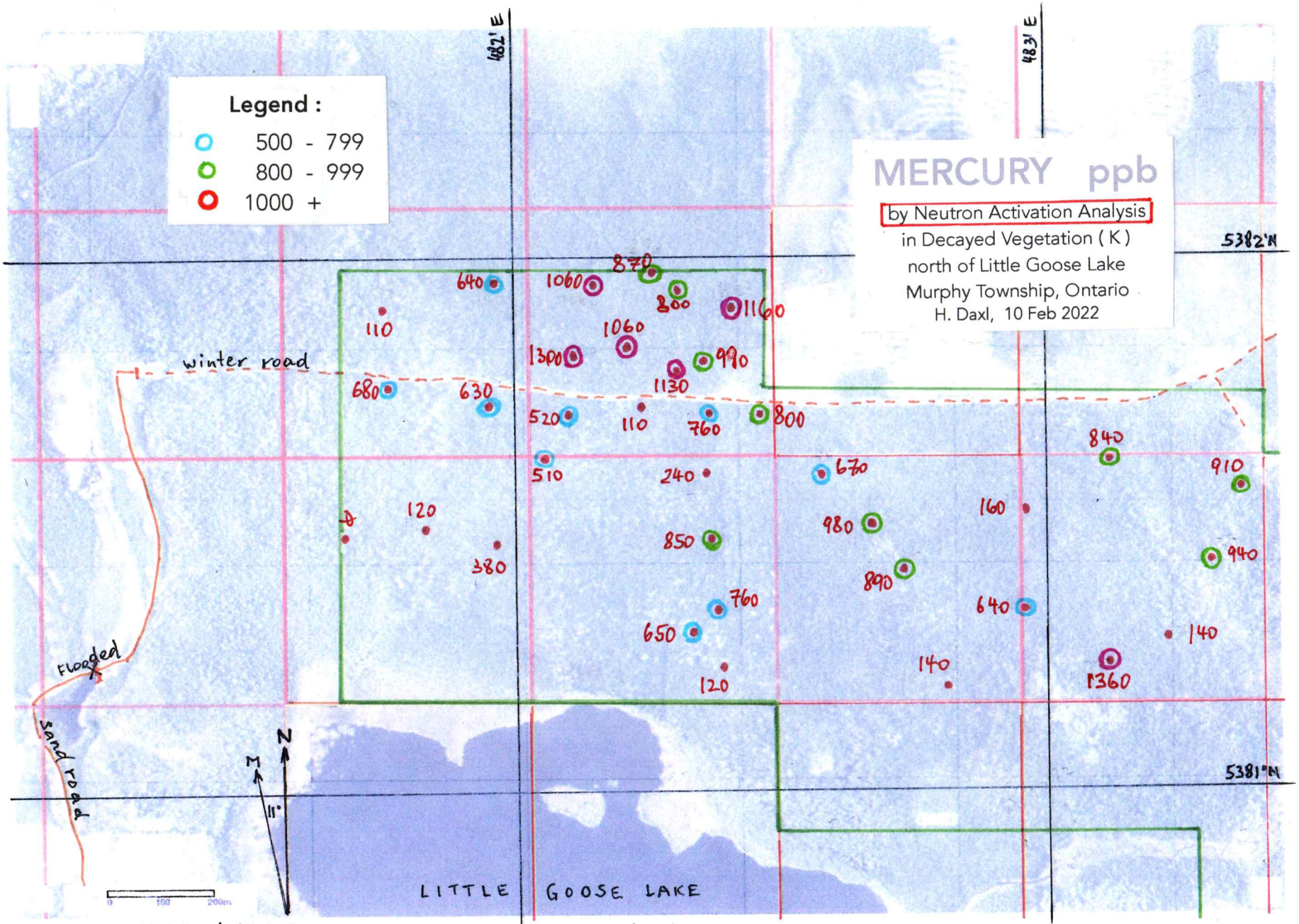


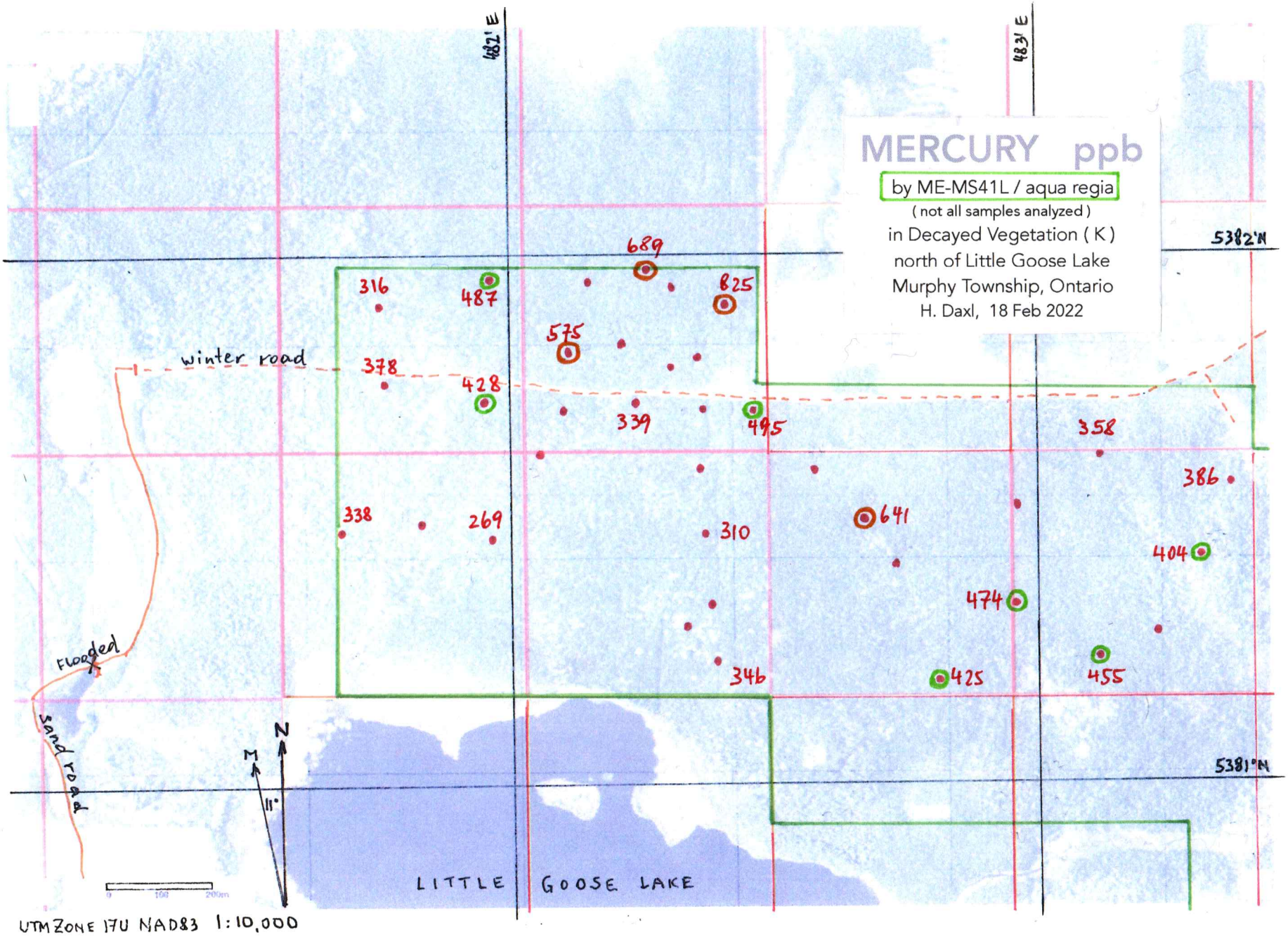
LOCATION AND ACCESS

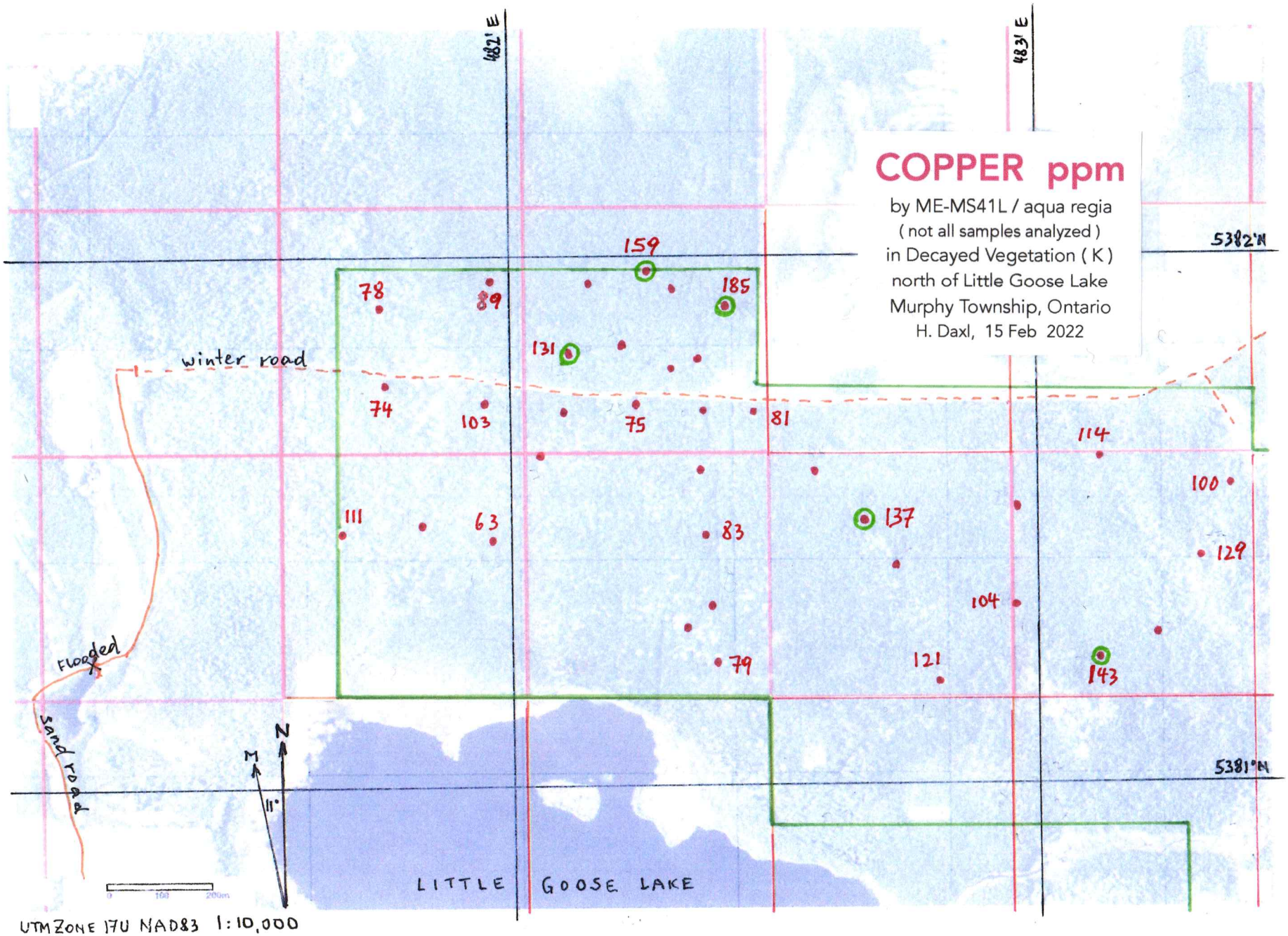

Sample Spots
of Decayed Vegetation (K) or
Enriched-B = E, Black Muck = M, C = Clay
LG 2 to LG 41
Murphy Township, Ontario
1 : 10,000
H. Daxl, 27 December 2021
482' E
483' E
5382'N
5381'N
42A11G361
42A11F380
winter road
42A11G364
692292
692293
644742
644743
644744
644745
644746
644747
42A11G381
42A11G384
DAXL CLAIMS
42A11F400
42A11C020
Flooded
sand road
MURPHY
TOWNSHIP
688569
688570
42A11B001
42A11B004
42A11B003
CON 4
CON 3
LOT 5
LOT 4
LOT 3
LOT 2
LITTLE
GOOSE LAKE
688226
688227
beds 50/60
N½
S½
granitic
UTM ZONE 17U NAD83 1:10,000

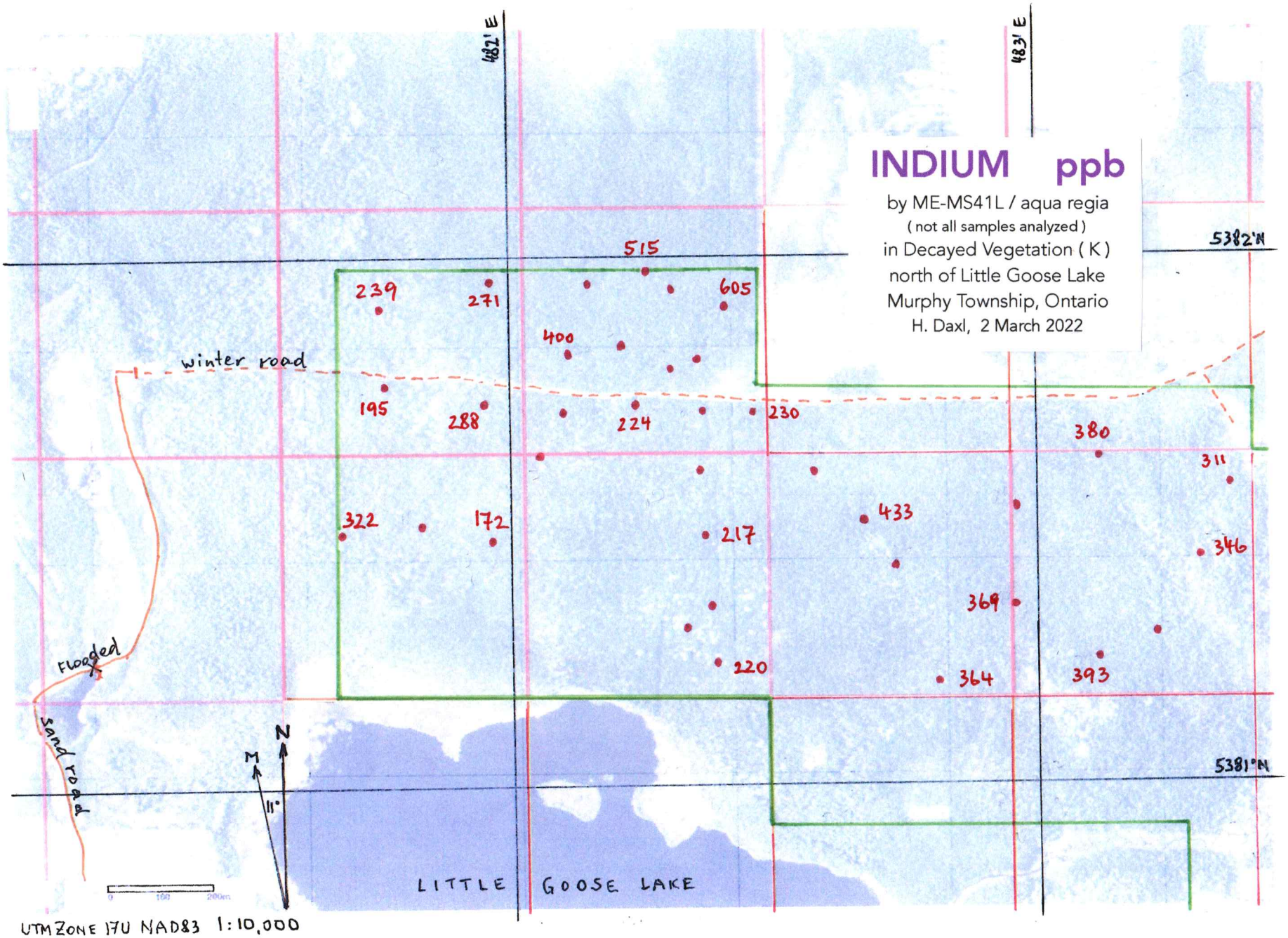

GOLD ppb
by Neutron Activation Analysis
in Decayed Vegetation (K)
north of Little Goose Lake
Murphy Township, Ontario
H. Daxl, 27 Dec 2021
482' E
483' E
5382'N
5381'N
winter road
Flooded
sand road
LITTLE GOOSE LAKE
N
M
11°
0
100
200m
UTM ZONE 17U NAD83 1:10,000
24
30
28
43
36
73
55
53
53
36
28
32
25
26
27
38
31
27
35
43
38
24
29
48
50
21
26
38
31
21
39
24
25
30
22
32

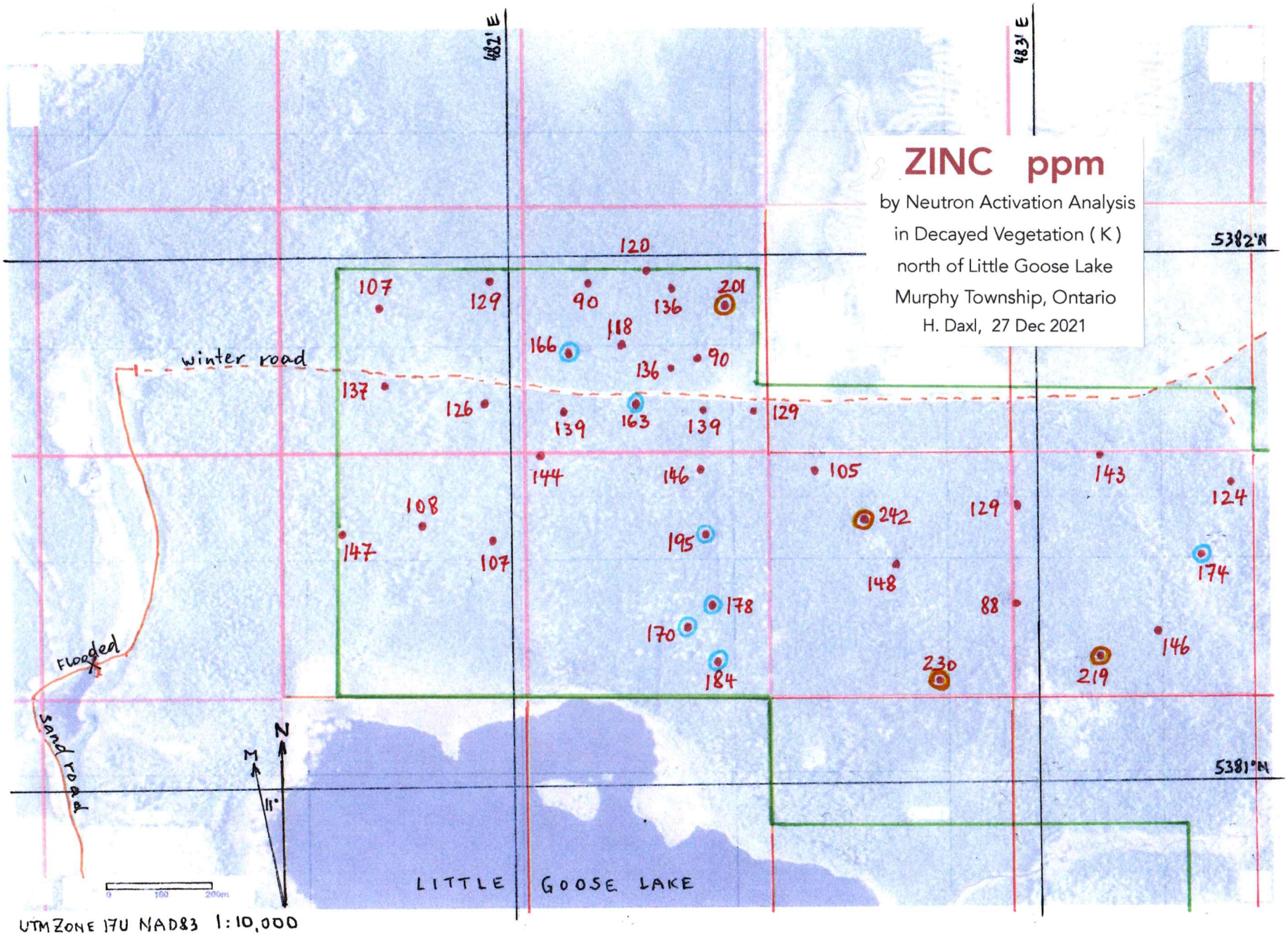

SILVER ppb
by ME-MS41L / aqua regia
(not all samples analyzed)
in Decayed Vegetation (K)
north of Little Goose Lake
Murphy Township, Ontario
H. Daxl, 2 March 2022
482' E
483' E
5382'N
5381'N
winter road
flooded
sand road
LITTLE GOOSE LAKE
N
M
11°
UTM ZONE 17U NAD83 1:10,000
300
182
200
338
283
277
157
116
202
211
211
263
144
231
211
288
287
264
260
213

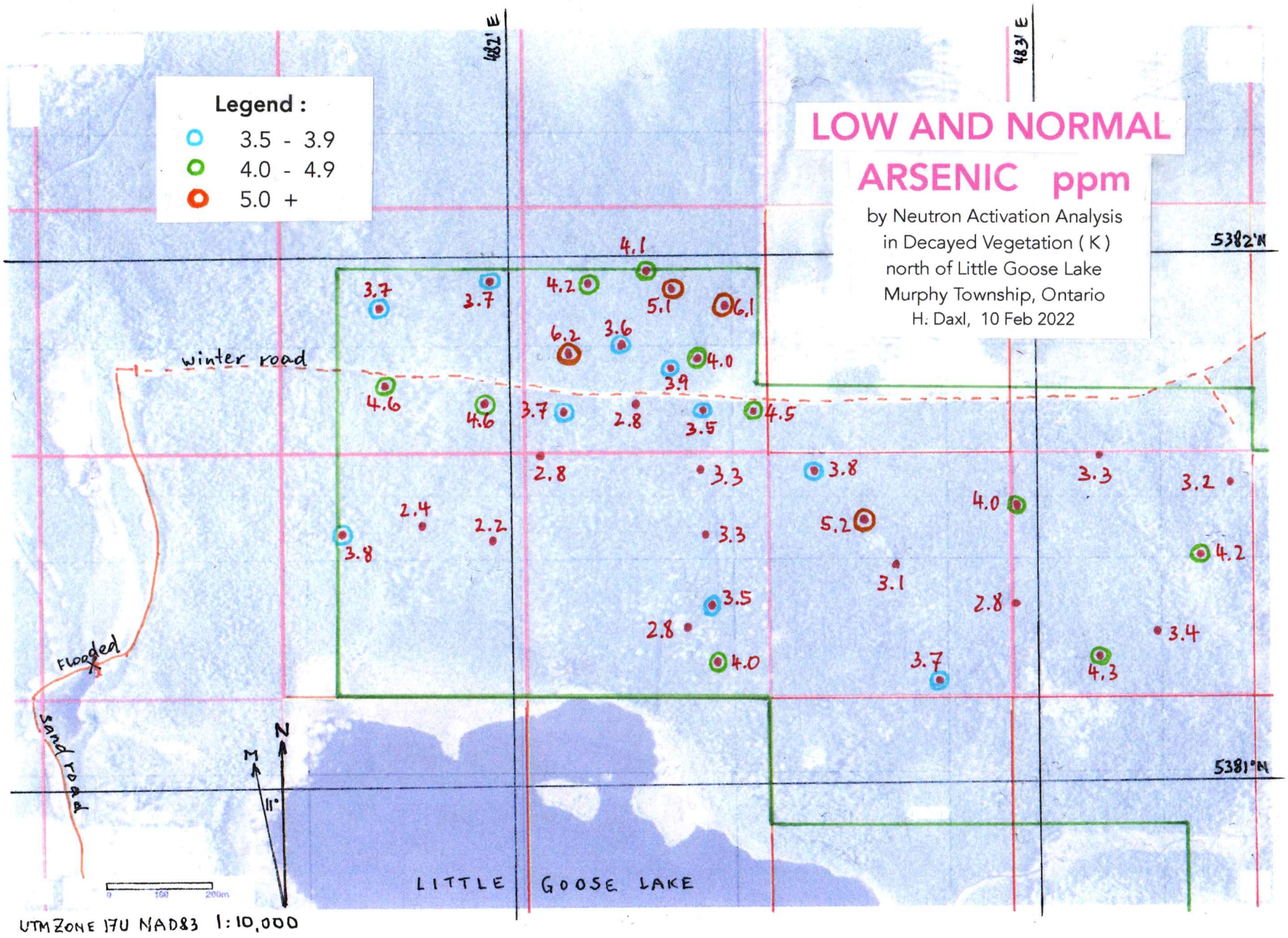

Legend :
500 - 799
800 - 999
1000 +
MERCURY ppb
by Neutron Activation Analysis
in Decayed Vegetation (K)
north of Little Goose Lake
Murphy Township, Ontario
H. Daxl, 10 Feb 2022
482' E
483' E
5382'N
5381'N
winter road
flooded
sand road
LITTLE GOOSE LAKE
N
M
11°
640
1060
870
800
1160
110
1060
1300
990
1130
680
630
520
110
760
800
840
910
510
240
670
120
160
980
850
940
380
890
760
640
650
140
120
140
1360
UTM ZONE 17U NAD83 1:10,000

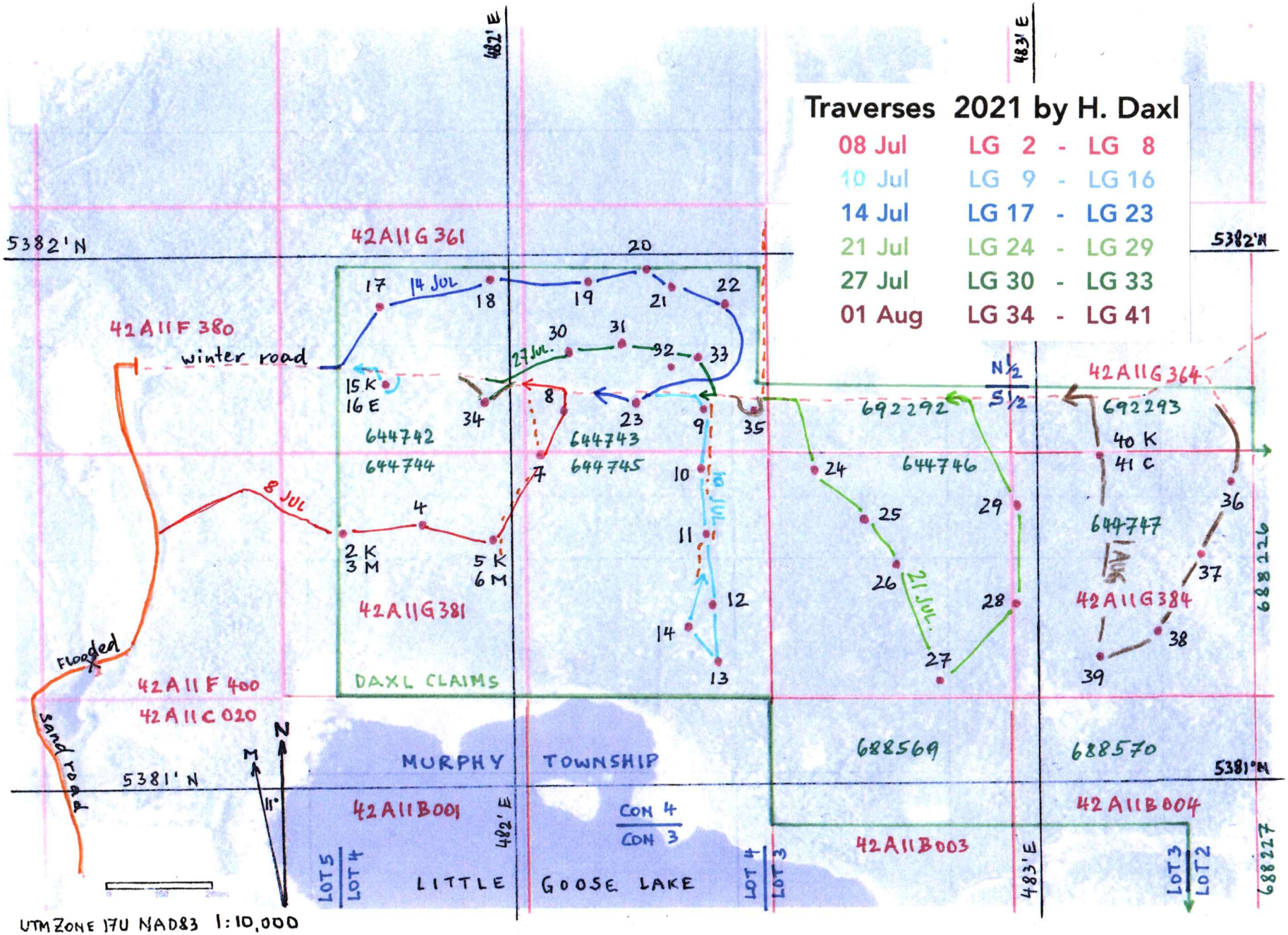

MERCURY ppb
by ME-MS41L / aqua regia
(not all samples analyzed)
in Decayed Vegetation (K)
north of Little Goose Lake
Murphy Township, Ontario
H. Daxl, 18 Feb 2022
482' E
483' E
5382'N
5381'N
689
316
487
825
575
winter road
378
428
339
495
358
386
338
269
310
641
404
474
346
425
455
flooded
sand road
N
11°
LITTLE GOOSE LAKE
UTM ZONE 17U NAD83 1:10,000


COPPER ppm
by ME-MS41L / aqua regia
(not all samples analyzed)
in Decayed Vegetation (K)
north of Little Goose Lake
Murphy Township, Ontario
H. Daxl, 15 Feb 2022
482' E
483' E
5382'N
5381'N
159
78
89
185
131
winter road
74
103
75
81
114
100
111
63
83
137
129
104
79
121
143
Flooded
sand road
N
11°
LITTLE GOOSE LAKE
UTM ZONE 17U NAD83 1:10,000


INDIUM ppb
by ME-MS41L / aqua regia
(not all samples analyzed)
in Decayed Vegetation (K)
north of Little Goose Lake
Murphy Township, Ontario
H. Daxl, 2 March 2022
482' E
483' E
5382'N
5381'N
515
239
271
605
400
winter road
195
288
224
230
380
311
322
172
433
217
346
369
220
364
393
flooded
sand road
N
11°
LITTLE GOOSE LAKE
UTM ZONE 17U NAD83 1:10,000


ZINC ppm
by Neutron Activation Analysis
in Decayed Vegetation (K)
north of Little Goose Lake
Murphy Township, Ontario
H. Daxl, 27 Dec 2021
482' E
483' E
5382'N
5381'N
winter road
Flooded
sand road
LITTLE GOOSE LAKE
N
11°
0
100
200m
UTM ZONE 17U NAD83 1:10,000
120
107
129
90
136
201
118
166
136
90
137
126
139
163
139
129
144
146
105
143
124
108
147
107
195
242
129
174
148
178
88
170
146
184
230
219


Legend :
3.5 - 3.9
4.0 - 4.9
5.0 +
LOW AND NORMAL
ARSENIC ppm
by Neutron Activation Analysis
in Decayed Vegetation (K)
north of Little Goose Lake
Murphy Township, Ontario
H. Daxl, 10 Feb 2022
482' E
483' E
5382'N
5381'N
winter road
flooded
sand road
LITTLE GOOSE LAKE
N
M
11°
UTM ZONE 17U NAD83 1:10,000


Traverses 2021 by H. Daxl
08 Jul LG 2 - LG 8
10 Jul LG 9 - LG 16
14 Jul LG 17 - LG 23
21 Jul LG 24 - LG 29
27 Jul LG 30 - LG 33
01 Aug LG 34 - LG 41
482' E
483' E
5382'N
5381'N
42A11G361
42A11F380
winter road
42A11G364
N½
S½
692292
692293
644742
644744
644743
644745
644746
644747
15K
16E
40K
41C
2K
3M
5K
6M
42A11G381
42A11G384
DAXL CLAIMS
Flooded
42A11F400
42A11C020
sand road
MURPHY TOWNSHIP
688569
688570
42A11B001
42A11B004
42A11B003
CON 4
CON 3
LOT 5
LOT 4
LOT 3
LOT 2
LITTLE GOOSE LAKE
688226
688227
14 JUL
8 JUL
27 JUL.
19 JUL
21 JUL.
UTM ZONE 17U NAD83 1:10,000

Introduction

The strongly anomalous gold of 21 - 73 ppb Au in decayed vegetation over all my six claims north of Little Goose Lake is highest over the 200 m of few felsic subcrops on my claim 644743, cell 42A11G362.

Decayed vegetation reflects excessive elements in the rock below, a fact that has been known since Agricola 500 years ago. Modern methods can extract and analyze them. I took 40 samples on my claims 644742, 644743, 644744, 644745, 644746, 644747, respectively Ontario grid cells 42A11G361, 42A11G362, 42A11G381, 42A11G382, 42A11G383, 42A11G384, in the 9 field trips from 2 June to 1 August 2021, and did all specialized preparation for the lab myself. Please refer to the attached two maps.

The topography is flat, often shallow swampy on clay or silt, with 15 - 20 m high mostly spruce. Medium-grained sand from the sand esker at the trail in the west overlaps clay in the west. The northwest is deeper coniferous swamp. Details of overburden are annotated on the attached lab results. Bedrock on claim 644743 is often within 50 cm, with felsic subcrops, then graywacke outcrops of bedding 50/60 adjacent eastward. The regional OGS map P.3305-rev shows the flat outcrops. The OGS aeromagnetic map 81071 shows a flat MAG without conductors.

Access from Highway 655 is 9 km north of Timmins as illustrated on the attached map. The only surface rights owner, of the S1/2 lot 3, concession 4, is exploration friendly. The rest is crown land. Other than winter haulage roads I saw no development, nor indication of previous exploration work.

Present Work

My present new method of soil sampling, namely decayed vegetation (K), is based on the centuries old knowledge that elements from ore deposits migrate to surface and directly, or indirectly through the plant cycle, accumulate in recent surface organic

material. I improved the method by carefully selecting samples of like material and age, excluding any inorganic content which could dilute or contaminate a sample. This allows direct analyses with the necessary very low detection limits. As discussed below, decayed vegetation is the only soil horizon useful for exploration, and no other values were plotted on the attached element maps. Deeper black swamp muck (M) under rare circumstances can also work for Cu, Au, Mo. Please refer to the annotations on the lab results.

After brushing aside loose material on the ground, a handful of the exposed rootlets with encrusted leaves, needles, bark, and mold was ripped up from each of several suitable dry spots, often around trees, over a 20 - 40 m area, and the GPS in their center noted. This decayed vegetation from 0 - 6 cm depth (K) made one sample. After drying in air, pounding and rolling to release the fines, the <250 micron sievings were homogenized by cross-lapping with a sheet of paper, and any sand or silt (DT) content estimated in volume percent, as annotated on the lab results. Dry swirling of K to remove DT dregs was not necessary this time. Please search >youtube hermann daxl< to view videos.

Black swamp muck samples (M) LG3 and LG6 are from 80 cm depth, 20 cm above packed medium sand, and as usual for M returned no gold. The LG3 <250 sievings had to be dry swirled in a plastic gold pan, then sieved to <125 micron, to remove most sand and silt clumps, yet 6 volume percent DT still remained. The <250 dregs of 50 % DT were analyzed as LG42 and returned no gold, proving again that sand and silt cannot contaminate gold nor the other elements of interest in this region, but would dilute values significantly due to their much higher density.

Dark rusty medium beach sand LG16 from the enriched B horizon (E) at 30 - 40 cm depth, but without leaching above, was dried and rubbed to release the coating, then sieved <125 micron. As usual it returned no value, and no gold was recovered in wet fine panning the 125-250 micron fraction.

Silty clay (TC) LG41 from 100 cm depth, 20 cm below its top, dried light greenish gray, and the <125 micron sievings as usual returned no value, despite 43 ppb gold of LG 40

(K) on surface above. Usually conspicuous elements indicating clay by neutron activation are Co, Cr, Cs, Fe, Hf, Na, Rb, Sc, Th, La, Ce, Nd, Sm, but not calcium. The 6 % calcium of clay LG41 by both analyses versus the usual 1 % calcium west of highway 655 seems to indicate more local rocks with calcite. Fortunately the elements of interest, Au, Ag, As, Hg, In, Cu, Pb, Zn, in clay are lower or similar to decayed vegetation (K) and therefore cannot contaminate K.

Comparison of these typical clay elements can show how some K samples may have been diluted by remaining clay which could not be removed. Dilution is aggravated by the much higher density of DTC, as shown under mass for the same volume packed into vials LG40 (K) versus LG41 (TC), namely 2.75 g versus 7.85 g. Also note the mass of LG15 (K) of 2.83 g versus LG16 (E-DTC) of 7.35 g for the same compacted volume. An estimated 10 % DTC by volume would reduce the K sample values by about 25 %; 25 % DTC would reduce it by half, and even 5 % DTC dilution would complicate results. Also a sparse risk of contamination would remain. I do not adjust values but annotate any remaining visible DTC on the lab results.

Several of these clay elements in the enriched B-horizon LG16 (E) are merely due to the predominant clay coatings rubbed off from sand grains. These coatings obviously do not scavenge the elements of interest emanating from bedrock and therefore are not useful for exploration, which unfortunately often focused on that conspicuously brown B soil horizon. The enrichment comes from the leached zone above, usually sand and silt, not from the decaying vegetation. As such it is of regional composition unless it contains detritus from a more elevated outcrop nearby, which would reflect in K samples anyway.

LG43 (K) is from re-rubbed rejects of LG25 and thereby contains less decay fines despite the same <250 micron sieving, which may explain the lesser 33 ppb gold versus the 48 ppb Au in LG25. Consistency in sampling and preparation is important. For comparison note the duplicate analyses of the same sievings of each of LG22 / 49 (K) and LG23 / 50 (K) which are very close, namely 73.2 / 78.8, and 25.5 / 24.4 ppb Au.

Analyses

I compacted the sievings into the 7 cm3 medium vials for instrumental neutron activation analysis, Code 2 B - vegetation, with double irradiation time at extra cost, by Activation Laboratories Limited. Such neutron activation analyses (INAA) are most suitable for gold and were plotted on the gold map without considering the less reliable gold results by ME-MS41L - super trace aqua regia, done by ALS Canada Ltd. on the many samples selected for base metals. Please refer to the attached maps of values of decayed vegetation (K) for gold, silver, mercury (2), copper, indium, zinc, arsenic, which also mention the type of analyses.

Gold values are constantly high throughout the claims, but the highest values up to 73 ppb Au plot on claim 644743, cell 42A11G362, where overburden is thin and I saw pink aplite several times under thick moss. The irrational assumption that gold in decayed vegetation above deep clay and sand would possibly come from overburden, or even from the sky, is therefore refuted. To the contrary, clay and silt on the adjacent claims could have diffused and attenuated values, meaning that bedrock of all 6 claims could bear much gold.

The ALS results were used for the attached maps for silver, one mercury, copper, and indium, which therefore lack several values. Mercury values by INAA seem too variable at these levels, but are more pronounced than by ALS, therefore overall both underline the gold trend, as also do silver and copper values, all 3 being accessory elements to gold. Silver values are somewhat elevated here, but not as high as at my gold area on claims 580598 and 521623, cells 42A11C015 and 035, at 3 km west despite very thick overburden there.

Indium values overall are triple of several other regions, and therefore maybe accessory to this gold trend. Zinc values were plotted from INAA which are comparable with ALS at the levels of interest. Zinc values are somewhat pronounced in the southeast, which could be a halo to the gold.

Arsenic, despite the low values, agrees quite well between both INAA and ALS, and is quite normal. Lead is also quite normal, and the somewhat higher arsenic and lead values in the gold center may be due to the proximity of bedrock.

For the same reason, the highest gold values are probably not the real center of the gold field, but bedrock trenching and sampling could start there. All values are plotted per GPS and the list of coordinates is attached.

Samples LG1 and LG44 to LG51 are my blanks, test samples, standard, or duplicates. No errors were found, and all results support each other. Please refer to the lab results with annotations.

Conclusion and Recommendation

Over barren bedrock the sampled decayed vegetation should have no gold, therefore the 36 gold values of 21 to 73 ppb Au spread over 1 km2 suggest a significant gold occurrence. Stripping and sampling of the 200m area of subcrops on claim 644743 is the logical next step.

Respectfully submitted,

Timmins, 7 March 2022 by Hermann Daxl, M.Sc.(Minex), Claim Holder

NAD 83 UTM Zone 17 **Little Goose Lake, Murphy Township**

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

Sample #	Easting 48	Northing 538 . . . .
LG 2	1680	1484
LG 3	"	"
LG 4	1833	1493
LG 5	1962	1465
LG 6	"	"
LG 7	2054	1623
LG 8	2102	1705
LG 9	2362	1704
LG 10	2355	1591
LG 11	2361	1473
LG 12	2380	1335
LG 13	2386	1227
LG 14	2325	1301
LG 15	1763	1757
LG 16	"	"
LG 17	1757	1905
LG 18	1966	1953
LG 19	2148	1950
LG 20	2256	1976
LG 21	2310	1941
LG 22	2410	1901
LG 23	2236	1720
LG 24	2573	1591
LG 25	2664	1500
LG 26	2730	1414
LG 27	2809	1196
LG 28	2957	1338
LG 29	2962	1527
LG 30	2114	1812
LG 31	2215	1833
LG 32	2303	1788
LG 33	2357	1805
LG 34	1951	1722
LG 35	2462	1704
LG 36	3361	1565
LG 37	3306	1429
LG 38	3224	1287
LG 39	3113	1238
LG 40	3114	1620
LG 41	"	"

Quality Analysis ... **Actlabs** *Innovative Technologies*

Report No.: A21-19434
Report Date: 30-Nov-21
Date Submitted: 14-Oct-21
Your Reference: LG-NA1

Hermann Daxl
39-630 Riverpark Road
Timmins Ontario P4P 1B4
Canada

ATTN: Hermann Daxl

CERTIFICATE OF ANALYSIS

LG1 - LG51 packed with decayed vegetation (K) sieved < 250 micron, or others.

51 Vial samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
~~2B-15g~~ see mass net	QOP INAAGEO (Vegetation INAA)	2021-11-01 15:08:49

neutron activation - double irradiation time

REPORT **A21-19434**

Notes:

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

SCC Accredited LAB
LAB Accredité CCN
LabID: 266

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control
Coordinator

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Decayed vegetation (K) sieved < 250 micron, by neutron activation - 2B vegetation - double irradiation time - medium vials (see mass) - 7 cm³

Results **Activation Laboratories Ltd.** **Report: A21-19434**

Still / Vol% / Sand D / Silt T	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
	LG 1 blank M	< 0.1 ✓	< 0.3	2.28	< 5	21.00	2.29	< 0.1	6.6	< 0.05	0.220	0.39	< 0.05	< 0.1	1.04	0.47	308	131	< 1	< 0.005	0.58
0	LG 2 K	49.7	< 0.3	3.78	92	17.40	2.84	2.7	22.8	< 0.05	0.470	< 0.05	0.98	< 0.1	0.99	< 0.05	2700	< 2	< 1	0.440	1.68
6 T/D	LG 3 M 80, < 125	< 0.1	< 0.3	1.95	79	20.10	3.99	4.0	33.7	1.24	0.820	< 0.05	1.48	< 0.1	1.04	0.44	5480	< 2	10	0.050	2.89
0	LG 4 K	23.9	< 0.3	2.39	69	15.90	0.58	4.2	19.5	0.40	0.400	0.12	0.26	< 0.1	0.88	< 0.05	1930	< 2	< 1	0.290	1.30
1 T	LG 5 K	20.8	< 0.3	2.24	152	14.80	< 0.01	2.9	19.4	< 0.05	0.510	0.38	0.30	< 0.1	1.08	4.12	2610	< 2	< 1	0.290	1.49
0	LG 6 M 80	< 0.1	< 0.3	2.02	< 5	19.80	2.14	4.8	31.4	< 0.05	0.750	< 0.05	0.29	< 0.1	0.96	4.07	565	172	< 1	0.030	2.96
0	LG 7 K	30.8	< 0.3	2.78	85	13.40	0.57	4.4	20.1	< 0.05	0.520	0.51	0.62	< 0.1	0.91	< 0.05	2420	152	5	0.380	1.70
0	LG 8 K	25.2	< 0.3	3.66	73	16.40	0.31	2.7	18.6	< 0.05	0.410	0.52	0.19	< 0.1	1.10	< 0.05	2030	< 2	2	0.400	1.36
0	LG 9 K	27.3	< 0.3	3.50	62	15.90	< 0.01	2.5	21.6	< 0.05	0.530	0.76	0.55	< 0.1	0.87	< 0.05	2120	< 2	7	0.420	1.49
0	LG 10 K	27.4	< 0.3	3.25	79	16.30	< 0.01	2.5	16.7	0.55	0.420	0.24	0.23	< 0.1	1.03	< 0.05	1720	< 2	< 1	0.120	1.26
0	LG 11 K	26.0	< 0.3	3.30	112	13.80	0.66	1.8	15.6	< 0.05	0.320	0.85	0.32	< 0.1	1.17	0.49	1260	31	< 1	0.290	1.04
0	LG 12 K	21.4	< 0.3	3.48	86	16.80	1.13	2.8	18.1	< 0.05	0.420	0.76	0.20	< 0.1	1.16	< 0.05	1380	< 2	< 1	0.380	1.13
0	LG 13 K	21.5	< 0.3	4.02	93	18.40	1.62	5.1	14.8	< 0.05	0.400	0.12	0.18	< 0.1	0.88	< 0.05	1210	< 2	< 1	0.400	1.14
0	LG 14 K	23.9	< 0.3	2.82	58	17.30	0.91	5.3	15.6	< 0.05	0.470	0.65	< 0.05	< 0.1	1.02	0.74	1340	< 2	7	0.490	1.26
0	LG 15 K	28.4	< 0.3	4.63	89	19.30	0.74	4.9	19.5	0.41	0.620	0.68	0.30	< 0.1	1.01	< 0.05	2300	96	< 1	0.330	1.58
100 T	LG 16 E < 125 µm	< 0.1	< 0.3	3.47	585	17.40	< 0.01	6.3	211.0	< 0.05	3.410	0.57	31.40	< 0.1	< 0.01	1.19	15000	< 2	11	< 0.005	16.30
0	LG 17 K	23.5	< 0.3	3.69	< 5	18.10	0.62	7.5	16.6	< 0.05	0.620	0.11	0.72	< 0.1	1.24	< 0.05	1870	< 2	< 1	0.360	1.44
0	LG 18 K	30.4	< 0.3	3.67	75	14.00	0.41	2.6	14.5	< 0.05	0.440	0.64	0.68	< 0.1	0.80	< 0.05	1820	< 2	20	0.420	1.35
0	LG 19 K	28.2	< 0.3	4.17	61	17.20	0.48	3.2	19.8	1.02	0.430	1.06	0.82	< 0.1	0.82	< 0.05	1870	< 2	< 1	0.360	1.55
0	LG 20 K	42.5	< 0.3	4.05	56	15.80	< 0.01	2.3	26.1	0.28	0.490	0.87	0.33	< 0.1	0.85	1.00	1920	< 2	< 1	0.220	1.69
0	LG 21 K	36.2	< 0.3	5.08	< 5	19.70	< 0.01	2.8	20.6	< 0.05	0.490	0.80	0.60	< 0.1	0.94	< 0.05	1790	126	8	0.610	1.65
0	LG 22 K	73.2 78.8	< 0.3	6.11	237 48	16.20	1.02	3.5	27.3	0.30	0.760	1.16	1.04	< 0.1	0.75	0.96	2980	< 2	4	1.060	2.59
0	LG 23 K	25.5 24.4	< 0.3	2.82	48 144	13.20	0.19	2.7	18.4	0.14	0.410	0.11	0.59	< 0.1	0.76	0.93	1700	< 2	< 1	0.410	1.41
0	LG 24 K	35.0	< 0.3	3.78	47	14.70	0.23	2.0	18.2	< 0.05	0.400	0.67	0.54	< 0.1	0.85	< 0.05	1530	< 2	< 1	0.420	1.28
0	LG 25 K	48.4	< 0.3	5.16	65	14.70	< 0.01	2.7	22.9	< 0.05	0.490	0.98	0.65	< 0.1	0.84	< 0.05	2160	< 2	6	0.560	1.69
1 T	LG 26 K	31.2	< 0.3	3.12	119	13.30	< 0.01	2.6	18.1	< 0.05	0.360	0.89	0.32	< 0.1	0.84	< 0.05	1320	< 2	8	0.320	1.17
1 T	LG 27 K	29.7	< 0.3	3.69	92	15.20	1.25	3.7	13.2	0.19	0.420	0.14	< 0.05	< 0.1	0.86	0.95	1310	< 2	< 1	0.390	1.33
1 T	LG 28 K	38.8	< 0.3	2.75	45	12.60	< 0.01	2.7	21.0	< 0.05	0.470	0.64	0.70	< 0.1	0.74	< 0.05	1690	< 2	< 1	0.390	1.53
1 T	LG 29 K	29.3	< 0.3	4.00	79	16.30	0.57	2.7	20.9	0.17	0.390	0.16	0.29	< 0.1	0.79	< 0.05	1560	< 2	< 1	0.300	1.32
0	LG 30 K	54.7	< 0.3	6.19	160	19.40	< 0.01	3.0	20.4	< 0.05	0.470	1.30	0.27	< 0.1	0.91	< 0.05	2060	< 2	7	0.540	1.67
0	LG 31 K	52.8	< 0.3	3.61	143	16.30	0.73	1.2	17.7	< 0.05	0.520	1.06	0.84	< 0.1	0.82	1.07	2250	< 2	9	0.500	1.70

Results **Activation Laboratories Ltd.** **Report: A21-19434**

Still / Vol. % Sand D / Silt T	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
0	LG 32	K	53.4	< 0.3	3.92	105	13.60	< 0.01	2.8	20.6	< 0.05	0.500	1.13	0.51	< 0.1	0.75	< 0.05	1990	< 2	< 1	0.470	1.47
0	LG 33	K	36.4	< 0.3	4.00	< 5	13.00	< 0.01	3.5	15.7	< 0.05	0.500	0.99	0.28	< 0.1	0.78	< 0.05	1700	< 2	< 1	0.550	1.62
0	LG 34	K	31.6	< 0.3	4.62	149	22.40	1.23	3.1	16.9	< 0.05	0.470	0.63	0.32	< 0.1	1.24	< 0.05	1940	139	< 1	0.390	1.45
0	LG 35	K	38.4	< 0.3	4.45	58	18.30	< 0.01	2.0	18.1	< 0.05	0.550	0.80	0.78	< 0.1	0.76	< 0.05	2330	< 2	< 1	0.330	1.65
0	LG 36	K	38.3	< 0.3	3.22	< 5	13.50	< 0.01	1.4	16.8	< 0.05	0.420	0.91	0.33	< 0.1	0.80	< 0.05	1770	< 2	14	0.490	1.38
0	LG 37	K	37.8	< 0.3	4.18	44	14.60	0.26	2.3	20.1	0.08	0.400	0.94	0.17	< 0.1	1.05	< 0.05	1770	< 2	14	0.350	1.45
0	LG 38	K	25.2	< 0.3	3.36	16	14.50	0.35	2.5	12.2	< 0.05	0.340	0.14	0.26	< 0.1	0.99	< 0.05	1200	< 2	< 1	0.360	1.19
0	LG 39	K	31.8	< 0.3	4.27	48	19.90	0.98	2.7	14.5	1.14	0.420	1.36	0.20	< 0.1	0.69	< 0.05	1510	< 2	< 1	0.370	1.33
0	LG 40	K	43.2	< 0.3	3.26	38	13.90	0.42	2.0	16.0	< 0.05	0.520	0.84	0.72	< 0.1	0.96	< 0.05	1870	119	< 1	0.530	1.55
100TC	LG 41	TC 100, <125 µm	0.8	< 0.3	4.01	495	< 0.01	6.94	17.8	104.0	3.88	4.310	< 0.05	3.11	< 0.1	< 0.01	< 0.05	13700	< 2	105	0.150	12.70
50 DT	LG 42	50 DT of LG3	< 0.1 ✓	< 0.3	1.09	314	10.60	2.74	3.0	26.8	0.15	0.750	< 0.05	2.42	< 0.1	0.69	< 0.05	11400	< 2	11	< 0.005	3.21
0	LG 43	Coarse Rub LG25	33.1 ✓	< 0.3	5.55	38	15.70	< 0.01	1.6	13.4	< 0.05	0.480	1.11	< 0.05	< 0.1	0.92	< 0.05	1540	< 2	< 1	0.580	1.51
0	LG 44	= 798 K	18.6 13.9 ✓	< 0.3	2.02	< 5	11.90	< 0.01	1.5 ✓	15.5	< 0.05	0.310	0.12	< 0.05	< 0.1	1.01	< 0.05	960	< 2	4	0.440	1.00
	LG 45	OREAS 45 h	55.1 ✓ 41 FA	< 0.3	16.50 ✓	414	7.86	< 0.01	89.7 ✓	672.0 ✓	1.29	21.000 ✓	< 0.05	5.04	< 0.1	0.32	2.84	979	? 927 455 FUS	34	0.710	63.40
0	LG 46	Shaft test K	102.0 ✓	< 0.3	54.90 ✓	301	10.00	2.88 ✓	20.5 ✓	58.8 ✓	0.98	2.150 ✓	< 0.05	1.39	< 0.1	1.38	< 0.05	6210 ✓	< 2	39	0.730	12.70 ✓
100 D	LG 47	CL5 E 125-250	< 0.1 ✓	< 0.3	< 0.01	404	6.56	0.76	3.6	28.8	0.31	1.370	< 0.05	1.79	< 0.1	< 0.01	0.42	23400	< 2	49	< 0.005	4.94
	LG 48	Ground Coffee	< 0.1 ✓	< 0.3	< 0.01	< 5	15.50	< 0.01	0.9	2.4	< 0.05	0.070	< 0.05	< 0.05	< 0.1	0.66	0.64	78	120	31	< 0.005	0.20
0	LG 49	= LG 22 K	78.8 ✓	< 0.3	7.59 6.11	48 237	17.10 ✓	< 0.01	4.3 ~	27.2 ✓	< 0.05	0.740 ✓	1.58	1.19 ✓	< 0.1	0.97	< 0.05	3030 ✓	< 2	< 1	1.140 ✓	2.73 ✓
0	LG 50	= LG 23 K	24.4 ✓	< 0.3	4.03 2.82	144 48	13.40 ✓	< 0.01	3.5 ~	17.3 ✓	< 0.05	0.440 ✓	0.21	0.63 ✓	< 0.1	0.80 ✓	< 0.05	1720 ✓	< 2	< 1	0.470 ✓	1.48 ✓
0	LG 51	SWIRL 504 K	20.5 ✓	< 0.3	3.93 2.33	97	14.50	< 0.01	2.6	18.9	< 0.05	0.470	0.09	0.61	< 0.1	1.18	< 0.05	3790	77	9	0.390	1.75

LG 42 to LG 51 are test samples for gold, also from other batches, showing that no gold in sand, and values reliable.
LG 43 shows that 2nd rub from coarser leftover has less gold, as usual, because of less decay.
LG 16 E <125 sieved from rubbed rust-coated medium to fine beach sand of the enriched B-Horizon 20-40 cm depth. Panned pinkish flakes.
LG 3 is black muck from 80 cm depth, 20 cm above sand, sieved <125 micron, 6% sand-silt contamination.
MDTC = black muck from cm depth, sand, silt, clay, typically have no gold, therefore used as blanks. Would dilute values.
LG 5 + 6 INAA not suitable for molybdenum.
LG 41 silty clay usually has no calcium, but here 7%.

Decayed vegetation (K) sieved < 250 micron, by neutron activation - 2B vegetation - double irradiation time - medium vials 7 cm³

Results **Activation Laboratories Ltd.** **Report: A21-19434**

see mass g

Shll Vol.% sand D silt T	Analyte Symbol / Unit Symbol / Detection Limit / Analysis Method	Se ppm 0.1 INAA	Sr ppm 100 INAA	Ta ppm 0.05 INAA	Th ppm 0.1 INAA	U ppm 0.01 INAA	W ppm 0.05 INAA	Zn ppm 2 INAA	La ppm 0.01 INAA	Ce ppm 0.1 INAA	Nd ppm 0.3 INAA	Sm ppm 0.001 INAA	Eu ppm 0.05 INAA	Tb ppm 0.1 INAA	Lu ppm 0.001 INAA	Yb ppm 0.005 INAA	Mass g net INAA	INORGANIC TOP at cm depth
	LG 1 blank M	< 0.1	< 100	< 0.05	0.7	< 0.01	< 0.05	< 2	2.01	4.5	< 0.3	0.260	< 0.05	< 0.1	< 0.001	< 0.005	2.99	
0	LG 2 K	< 0.1	< 100	< 0.05	1.2	< 0.01	< 0.05	147	3.65	7.3	< 0.3	0.530	0.09	< 0.1	0.010	0.150	3.11	– 100 greenish med. sand
6 T D	LG 3 M 80, <125	< 0.1	< 100	< 0.05	3.0	0.20	< 0.05	< 2	10.90	21.6	8.4	1.440	0.49	< 0.1	0.070	0.500	3.81	
0	LG 4 K	0.8	< 100	< 0.05	0.9	< 0.01	< 0.05	108	3.08	7.4	< 0.3	0.490	0.08	< 0.1	0.060	0.090	2.90	– 100 med. packed sand
1 T	LG 5 K	< 0.1	< 100	< 0.05	1.1	< 0.01	< 0.05	107	3.73	7.5	< 0.3	0.550	0.07	< 0.1	0.040	0.280	2.72	– 110 med. sand
0	LG 6 M 80	< 0.1	< 100	< 0.05	3.9	2.39	< 0.05	53	22.10	40.7	20.7	2.850	1.02	< 0.1	0.160	0.620	3.39	
0	LG 7 K	< 0.1	< 100	< 0.05	0.9	< 0.01	< 0.05	144	3.91	7.8	5.9	0.600	0.08	< 0.1	0.050	0.100	2.90	– 50 med. sand
0	LG 8 K	< 0.1	< 100	< 0.05	1.1	< 0.01	< 0.05	139	2.91	6.7	< 0.3	0.420	0.08	< 0.1	0.030	0.190	2.74	– 30 clay
0	LG 9 K	< 0.1	< 100	< 0.05	1.0	< 0.01	< 0.05	139	3.13	7.3	4.5	0.500	0.18	< 0.1	0.040	0.100	2.79	– 50 peagreen silt undersand
0	LG 10 K	< 0.1	< 100	< 0.05	0.8	< 0.01	< 0.05	146	3.10	6.2	3.5	0.440	0.05	< 0.1	0.030	0.090	2.60	– 30 beige silt
0	LG 11 K	< 0.1	< 100	< 0.05	0.8	< 0.01	< 0.05	195	2.24	5.3	< 0.3	0.330	0.09	< 0.1	0.010	0.060	2.66	– 30 beige clay
0	LG 12 K	< 0.1	< 100	< 0.05	0.8	< 0.01	< 0.05	178	2.81	7.4	3.9	0.440	0.07	< 0.1	0.030	0.080	2.81	– 10 " "
0	LG 13 K	< 0.1	< 100	< 0.05	1.1	0.45	< 0.05	184	5.66	10.6	6.6	0.680	0.07	< 0.1	0.030	0.220	2.81	– 30 " "
0	LG 14 K	< 0.1	< 100	< 0.05	1.1	< 0.01	< 0.05	170	4.82	10.4	8.8	0.640	< 0.05	< 0.1	0.060	0.320	2.84	– 15 gray sand, 30 beige clay
0	LG 15 K	< 0.1	< 100	< 0.05	0.9	0.38	< 0.05	137	3.32	11.7	< 0.3	0.480	0.20	< 0.1	0.030	0.230	2.83	– 10 beige medium sand
100 T	LG 16 E <125 µm	< 0.1	< 100	< 0.05	34.8	2.17	< 0.05	< 2	72.60	140.0	55.3	9.710	2.64	1.4	0.670	3.120	7.35	– 30 very dark brown sand
0	LG 17 K	< 0.1	< 100	< 0.05	1.0	0.08	< 0.05	107	5.40	10.4	6.5	0.710	0.08	0.2	0.040	0.370	2.83	– > 90 muck
0	LG 18 K	< 0.1	< 100	< 0.05	0.8	< 0.01	< 0.05	129	3.03	7.9	5.2	0.510	0.06	< 0.1	0.030	0.150	2.80	
0	LG 19 K	< 0.1	300	< 0.05	1.1	< 0.01	< 0.05	90	3.05	6.7	9.0	0.560	0.06	< 0.1	0.020	0.130	2.81	
0	LG 20 K	< 0.1	< 100	< 0.05	0.8	< 0.01	< 0.05	120	3.19	9.0	7.7	0.620	< 0.05	< 0.1	0.080	0.340	2.69	– subcrops
0	LG 21 K	< 0.1	< 100	< 0.05	0.8	< 0.01	< 0.05	136	3.29	11.7	2.0	0.600	0.11	< 0.1	0.050	0.280	2.65	– aplite subcrop
0	LG 22 K	0.8	< 100	< 0.05	1.4	< 0.01	< 0.05	201	5.13	10.7	5.9	0.930	< 0.05	< 0.1	0.100	0.430	2.93	– subcrops
0	LG 23 K	< 0.1	< 100	< 0.05	0.8	0.28	< 0.05	163	3.02	6.3	< 0.3	0.510	< 0.05	< 0.1	0.020	0.100	2.74	– near outcrop
0	LG 24 K	< 0.1	< 100	< 0.05	0.8	< 0.01	< 0.05	105	2.60	5.4	7.1	0.520	< 0.05	< 0.1	0.010	0.100	2.79	– 80 bedrock
0	LG 25 K	1.5	< 100	< 0.05	1.0	< 0.01	< 0.05	242	3.16	7.3	< 0.3	0.570	< 0.05	< 0.1	0.080	0.330	2.91	– 30 greenish beige clay
1 T	LG 26 K	< 0.1	< 100	< 0.05	0.8	< 0.01	< 0.05	148	2.26	8.0	< 0.3	0.430	< 0.05	< 0.1	0.030	0.250	2.80	– 30 beige clay
1 T	LG 27 K	< 0.1	< 100	< 0.05	0.9	< 0.01	< 0.05	230	2.86	8.3	5.8	0.510	< 0.05	< 0.1	0.040	0.200	2.96	– 20 beige silt
1 T	LG 28 K	< 0.1	< 100	< 0.05	0.7	< 0.01	0.36	88	2.81	7.3	< 0.3	0.570	< 0.05	< 0.1	0.030	0.310	2.81	– 50 gray clay
1 T	LG 29 K	1.2	< 100	0.13	0.7	< 0.01	< 0.05	129	2.53	5.7	4.8	0.470	< 0.05	< 0.1	0.050	0.080	2.73	– 60 beige clay
0	LG 30 K	< 0.1	< 100	< 0.05	0.7	< 0.01	0.37	166	3.19	7.2	< 0.3	0.580	0.06	< 0.1	0.020	0.140	2.70	– 10 beige clay
0	LG 31 K	< 0.1	< 100	< 0.05	1.1	< 0.01	< 0.05	118	3.51	8.3	< 0.3	0.610	0.06	< 0.1	0.030	0.130	2.76	– 20 bedrock

Results **Activation Laboratories Ltd.** **Report: A21-19434**

Still Vol.% Sand ▷ Silt ▽	Analyte Symbol / Unit Symbol / Detection Limit / Analysis Method	Se ppm 0.1 INAA	Sr ppm 100 INAA	Ta ppm 0.05 INAA	Th ppm 0.1 INAA	U ppm 0.01 INAA	W ppm 0.05 INAA	Zn ppm 2 INAA	La ppm 0.01 INAA	Ce ppm 0.1 INAA	Nd ppm 0.3 INAA	Sm ppm 0.001 INAA	Eu ppm 0.05 INAA	Tb ppm 0.1 INAA	Lu ppm 0.001 INAA	Yb ppm 0.005 INAA	Mass g net INAA	INORGANIC TOP at cm depth
0	LG 32 K	< 0.1	< 100	< 0.05	0.9	< 0.01	< 0.05	136	3.51	7.2	< 0.3	0.600	0.20	< 0.1	0.060	0.400	2.70	– 50 packed beige silt
0	LG 33 K	< 0.1	< 100	< 0.05	0.6	< 0.01	< 0.05	90	3.65	9.7	2.1	0.670	0.05	< 0.1	0.020	0.300	2.75	– 20 uneven bedrock
0	LG 34 K	< 0.1	< 100	< 0.05	0.8	< 0.01	< 0.05	126	3.35	8.3	< 0.3	0.500	< 0.05	< 0.1	0.040	0.270	2.82	– 15 brownish sand
0	LG 35 K	< 0.1	< 100	< 0.05	1.2	< 0.01	< 0.05	129	3.21	6.5	14.4	0.520	0.06	< 0.1	0.050	0.140	2.67	– 20 packed greenish silt
0	LG 36 K	< 0.1	< 100	< 0.05	0.9	< 0.01	< 0.05	124	2.84	6.1	< 0.3	0.480	0.19	< 0.1	0.010	0.330	2.72	– 70 beige clay
0	LG 37 K	< 0.1	< 100	< 0.05	1.1	< 0.01	< 0.05	174	2.79	7.8	< 0.3	0.450	0.17	< 0.1	0.030	0.110	2.72	– 70 greenish silt
0	LG 38 K	< 0.1	< 100	< 0.05	0.6	< 0.01	< 0.05	146	2.16	6.7	< 0.3	0.320	< 0.05	< 0.1	0.010	0.240	2.53	– 20 beige clay
0	LG 39 K	3.6	< 100	< 0.05	1.1	< 0.01	< 0.05	219	2.42	4.2	< 0.3	0.360	0.08	< 0.1	0.060	0.280	2.57	– 30 " "
0	LG 40 K	< 0.1	< 100	< 0.05	0.7	< 0.01	< 0.05	143	2.90	9.2	< 0.3	0.440	0.06	< 0.1	0.050	0.280	2.75	– 80 green-blue clay
100 TC	LG 41 TC 100, <125	< 0.1	< 100	< 0.05	14.4	0.56	< 0.05	88	38.20	75.9	54.5	4.590	1.49	< 0.1	0.180	1.560	7.85	– dry greenish silty clay, 100 cm at
50 DT	LG 42 50 DT of LG3	< 0.1	200	< 0.05	3.0	0.24	< 0.05	< 2	9.49	18.3	24.3	1.430	0.44	< 0.1	0.040	0.600	5.39	– sand-silt in M at 70-90 cm,
0	LG 43 Coarse Rub LG 125	< 0.1	< 100	< 0.05	0.7	< 0.01	< 0.05	276	2.91	6.6	7.6	0.450	0.22	< 0.1	0.020	0.450	2.70	– <250 μm. ⎫ swirled < 250 μm.
0	LG 44 = 798 K	< 0.1	< 100	< 0.05	0.9	< 0.01	< 0.05	76	2.15	1.5	< 0.3	0.300	< 0.05	< 0.1	0.020	0.060	2.62	
	LG 45 DREAS 45 h	< 0.1	< 100	< 0.05	8.1	0.89	< 0.05	< 2 (3.7)	12.80	30.2	20.4	2.350	0.89	< 0.1	0.390	1.750	7.47	
0	LG 46 Shaft test K	< 0.1	< 100	< 0.05	1.8	< 0.01	< 0.05	237 ✓	5.62 ✓	14.8 ✓	< 0.3	1.090	0.42	< 0.1	0.080	0.970	3.45	
100 ▷	LG 47 CL 5 E 125-250	< 0.1	300	< 0.05	1.9	< 0.01	< 0.05	23	6.39	11.9	12.3	1.100	0.17	< 0.1	0.060	0.560	9.89	
	LG 48 Ground Coffee	< 0.1	< 100	< 0.05	0.3	< 0.01	< 0.05	16	0.33	0.6	< 0.3	0.030	< 0.05	< 0.1	< 0.001	< 0.005	3.55	
0	LG 49 = LG 22 K	3.4	< 100	< 0.05	1.2 ✓	< 0.01	< 0.05	187 (201)	4.91 ✓	11.2 ✓	< 0.3	0.760	0.35	< 0.1	0.060	0.450 ✓	2.78	
0	LG 50 = LG 23 K	< 0.1	< 100	< 0.05	0.9 ✓	0.11	< 0.05	170 (163)	2.84 ✓	10.2 (6.3)	< 0.3	0.440	< 0.05	< 0.1	0.050	0.270	2.67	
0	LG 51 SWIRLED 504 K	< 0.1	< 100	< 0.05	1.1	< 0.01	< 0.05	189	2.99	7.7	< 0.3	0.450	< 0.05	< 0.1	0.040	0.330	2.70	

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To: HERMANN DAXL
39-630 RIVERPARK RD
TIMMINS ON P4P 1B4

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	INSTRUMENT
ME-MS41L	Super Trace Lowest DL AR by ICP-MS ~ 0.45 g aliquots	

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)

by ALS - VA22013500 - ME-MS41L - Super Trace - aqua regia - 0.45 g

		Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge
still	UNITS	ppm NA ppb	ppm	%	ppm NA	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
Vol.%	DETECTION	0.0002	0.001	0.01	0.01	10	0.5	0.01	0.001	0.01	0.001	0.01	0.001	0.01	0.005	0.01	0.001	0.004	0.005
sand																			
silt																			
	LG 1 blank M	0.0002 ✓	0.015	0.12	1.54 2.28	<10	25.7	0.05	0.017	1.77	0.115	1.70	0.257	0.83	0.048	2.75	0.165	0.329	0.013
	LG 2	0.0101 50	0.263	0.15	3.77 3.78	10	34.0	0.04	0.440	2.36	1.790	3.98	1.985	7.17	0.303	111.00	0.360	0.655	0.033
GTD	LG 3 M80 <125	<0.0002 ✓	0.038	0.50	1.58 1.95	<10	41.9	0.22	0.039	2.63	0.547	14.45	1.825	11.65	0.252	8.25	0.510	1.395	0.033
1T	LG 5	0.0194 21	0.144	0.12	2.47 2.24	<10	20.4	0.05	0.260	0.53	0.855	3.99	2.120	4.80	0.263	62.90	0.330	0.467	0.024
D	LG 6 M80	0.0004 ✓	0.080	0.77	1.84 2.02	<10	65.0	0.39	0.090	2.09	1.115	41.70	4.100	23.40	0.176	37.00	0.560	1.640	0.070
	LG 11	0.0364 26	0.211	0.09	2.79 3.30	10	59.3	0.03	0.309	0.80	1.270	2.20	1.130	3.82	0.218	83.40	0.212	0.384	0.022
	LG 13	0.0144 22	0.264	0.15	3.35 4.02	10	83.5	0.10	0.343	1.41	1.590	9.28	4.430	4.32	0.227	79.10	0.290	0.514	0.036
	LG 15	0.0092 28	0.277	0.14	3.63 4.63	<10	51.2	0.05	0.314	0.74	1.005	3.88	3.120	5.18	0.234	74.10	0.420	0.563	0.027
100T	LG 16 E<125	0.0002 ✓	0.004	2.72	2.69 3.47	<10	33.7	0.47	0.096	0.31	0.051	68.30	1.945	50.40	0.229	2.10	1.080	8.280	0.102
	LG 17	0.0148 24	0.182	0.16	4.26 3.69	<10	37.4	0.08	0.365	1.31	1.030	8.27	7.940	5.43	0.180	78.30	0.490	0.625	0.036
	LG 18	0.0217 30	0.200	0.12	3.36 3.67	<10	42.1	0.04	0.425	0.64	1.265	3.05	1.570	4.90	0.232	89.40	0.290	0.521	0.029
	LG 20	0.0492 43	0.300	0.14	4.06 4.05	<10	41.5	0.04	0.695	0.23	1.800	3.49	1.290	5.61	0.766	159.00	0.360	0.682	0.044
	LG 22	0.0526 73	0.338	0.22	6.86 6.11	<10	57.9	0.05	1.065	0.56	2.080	5.82	1.995	8.23	0.489	185.00	0.520	1.180	0.070
	LG 23	0.0130 26	0.116	0.11	2.88 2.82	<10	58.1	0.04	0.341	0.48	1.040	3.30	1.745	4.15	0.243	75.30	0.270	0.519	0.029
	LG 25	0.0216 48	0.231	0.15	5.49 5.16	<10	44.9	0.03	0.599	0.40	1.650	3.49	1.425	6.38	0.294	136.50	0.370	0.713	0.038
1T	LG 27	0.0236 30	0.260	0.13	3.93 3.69	10	86.0	0.04	0.484	1.22	2.150	3.22	2.450	5.55	0.201	121.00	0.300	0.559	0.028
1T	LG 28	0.0559 39	0.287	0.12	3.68 2.75	<10	40.2	0.03	0.542	0.43	1.455	3.00	1.260	5.90	0.306	104.00	0.320	0.652	0.041
	LG 30	0.0273 55	0.283	0.14	5.20 6.19	<10	72.0	0.04	0.590	0.69	1.420	4.07	1.390	5.77	0.212	130.50	0.350	0.704	0.042
	LG 34	0.0186 32	0.157	0.13	4.08 4.62	<10	52.8	0.05	0.402	0.83	1.070	4.18	1.860	6.02	0.181	102.50	0.330	0.552	0.032
	LG 35	0.0538 38	0.202	0.13	4.16 4.45	<10	29.5	0.04	0.358	0.44	0.995	3.82	1.920	6.43	0.297	80.70	0.370	0.575	0.029
	LG 36	0.0335 38	0.211	0.12	2.95 3.22	<10	36.2	0.03	0.445	0.38	1.420	3.37	1.320	5.38	0.257	100.00	0.310	0.571	0.035
	LG 37	0.0280 38	0.288	0.12	4.16 4.18	<10	59.7	0.03	0.482	0.57	1.365	3.02	1.240	6.30	0.247	128.50	0.310	0.524	0.030
	LG 39	0.0263 32	0.213	0.11	4.83 4.27	<10	46.2	0.03	0.473	0.41	1.530	2.66	1.330	5.35	0.203	142.50	0.280	0.506	0.031
	LG 40	0.0268 43	0.211	0.13	4.57 3.26	<10	20.3	0.03	0.489	0.36	1.330	3.05	1.250	5.90	0.277	114.00	0.340	0.583	0.030
	LG 41 C <125	0.0014 1	0.069	3.10	3.63 4.01	20	172.0	1.03	0.214	5.36	0.151	76.10	17.600	84.70	3.230	33.20	3.950	11.250	0.139
	LG 45 Dreg 45h	✓ 0.0352 55 ppb ✓	0.086 ✓	4.71	✓ 8.73 16.50 ✓	10	286.00	0.94	0.145 ✓	0.12	0.013 ✓	20.10	84.000 ✓	542.00 ✓	1.455 ✓	740.00 ✓	19.300 ✓	17.750	0.169

Decayed vegetation (K) sieved <250 um (or as marked)

by ALS - VA22013500 - ME-MS41L - Super Trace - aqua regia - 0.45 g

		Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Pd	Pt	Rb	Re
Still	UNITS	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Vol. % sand silt	DETECTION	0.002	0.004	0.005	0.01	0.002	0.1	0.01	0.1	0.01	0.001	0.002	0.04	0.001	0.01	0.001	0.002	0.01	0.0002
	LG 1 blank M	0.003	0.069	<0.005	<0.01	0.896	<0.1	0.08	5.4	0.22	0.008	0.054	0.81	0.028	1.02	0.001	<0.002	0.16	0.0005
	LG 2	0.012	0.338	0.322	0.06	1.865	0.9	0.15	1185.0	0.48	0.008	0.172	6.97	0.068	31.60	0.001	<0.002	3.10	0.0007
6T D	LG 3 M80 <125	0.070	0.112	<0.005	0.02	7.040	2.3	0.14	273.0	0.20	0.008	0.388	4.84	0.040	2.11	<0.001	<0.002	1.57	0.0007
1 T	LG 5	0.009	0.269	0.172	0.09	1.880	0.1	0.08	101.0	0.31	0.008	0.112	6.33	0.065	15.80	0.001	0.002	5.29	0.0009
~~0~~	LG 6 M80	0.039	0.182	0.013	0.01	20.200	0.4	0.12	70.7	0.45	0.012	0.495	31.80	0.043	4.49	0.001	<0.002	0.90	0.0018
	LG 11	0.007	0.310	0.217	0.06	1.095	<0.1	0.08	769.0	0.34	0.008	0.082	4.64	0.072	18.80	<0.001	<0.002	3.60	0.0006
	LG 13	0.012	0.346	0.220	0.07	4.860	0.3	0.13	650.0	0.50	0.008	0.108	7.04	0.100	31.10	<0.001	<0.002	3.02	0.0007
	LG 15	0.010	0.378	0.195	0.09	1.820	0.2	0.09	886.0	0.39	0.009	0.119	5.86	0.078	23.70	0.002	<0.002	3.92	0.0007
100T	LG 16 E <125	0.077	0.085	0.028	0.02	32.400	3.6	0.11	61.8	0.36	0.007	3.100	9.58	0.120	7.86	<0.001	<0.002	1.45	0.0003
	LG 17	0.010	0.316	0.239	0.06	4.310	0.4	0.14	891.0	0.66	0.011	0.137	6.89	0.080	27.20	0.003	0.002	2.88	0.0007
	LG 18	0.006	0.487	0.271	0.10	1.495	0.2	0.08	491.0	0.38	0.010	0.099	5.89	0.075	31.10	0.001	<0.002	5.86	0.0008
	LG 20	0.011	0.689	0.515	0.08	1.670	0.2	0.07	123.0	0.55	0.008	0.117	12.10	0.074	50.50	0.001	<0.002	5.70	0.0007
	LG 22	0.016	0.825	0.605	0.07	2.770	0.5	0.09	475.0	0.83	0.008	0.180	17.00	0.081	85.00	<0.001	0.010	4.68	0.0008
	LG 23	0.008	0.339	0.224	0.07	1.580	0.1	0.07	2200.0	0.44	0.007	0.096	7.03	0.082	19.05	0.003	<0.002	4.60	0.0008
	LG 25	0.014	0.641	0.433	0.08	1.680	0.3	0.07	184.0	0.54	0.010	0.139	7.58	0.079	44.00	0.001	<0.002	4.87	0.0006
1 T	LG 27	0.009	0.425	0.364	0.08	1.590	0.5	0.10	1105.0	0.37	0.007	0.112	7.57	0.089	38.30	0.002	0.002	2.53	0.0009
1 T	LG 28	0.009	0.474	0.369	0.11	1.445	0.3	0.08	182.0	0.44	0.008	0.124	6.04	0.078	32.90	0.002	<0.002	6.06	0.0006
	LG 30	0.014	0.575	0.400	0.08	2.000	0.3	0.09	364.0	0.50	0.008	0.137	8.00	0.074	44.10	0.001	<0.002	3.34	0.0010
	LG 34	0.011	0.428	0.288	0.08	2.040	0.4	0.10	305.0	0.43	0.009	0.147	6.87	0.061	29.90	0.001	<0.002	4.07	0.0007
	LG 35	0.007	0.495	0.230	0.13	1.820	0.2	0.10	278.0	0.38	0.011	0.128	7.26	0.104	26.10	0.002	<0.002	6.75	0.0012
	LG 36	0.009	0.386	0.311	0.13	1.620	0.2	0.08	199.0	0.39	0.010	0.118	6.05	0.075	25.20	0.001	<0.002	7.83	0.0008
	LG 37	0.012	0.404	0.346	0.10	1.470	0.3	0.09	101.5	0.42	0.009	0.120	6.40	0.065	24.50	0.002	<0.002	4.63	0.0008
	LG 39	0.012	0.455	0.393	0.10	1.270	0.2	0.07	147.5	0.46	0.008	0.116	6.16	0.070	34.00	0.001	<0.002	6.77	0.0009
	LG 40	0.010	0.358	0.380	0.09	1.460	0.2	0.08	53.5	0.45	0.011	0.112	6.70	0.072	27.00	0.001	0.002	5.50	0.0009
	LG 41 C100 <125	0.974	0.033	0.034	0.54	38.100	52.0	2.08	497.0	0.21	0.050	0.626	50.60	0.055	12.35	0.004	<0.002	50.50	0.0002
	LG 45 OREAS 45 h	0.767	0.025	0.095 ✓	0.09	9.980	7.4 b	0.16	264.0	0.91 ✓AR	0.032	0.147	390.00 348	0.019	10.75 ✓	0.106 ✓94	0.088 ✓	12.65	<0.0002

1.55 T

Decayed vegetation (K) sieved <250 um (or as marked)

by ALS - VA22013500 - ME-MS41L - Super Trace - aqua regia - 0.45 g

		S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
steel	UNITS	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm NA	ppm
Vol.%	DETECTION	0.01	0.005	0.005	0.003	0.01	0.01	0.005	0.003	0.002	0.001	0.001	0.005	0.1	0.001	0.003	0.1	0.01
	LG 1 blank M	0.14	0.020	0.106	0.621	0.06	81.10	<0.005	0.004	0.019	0.002	0.008	0.069	1.5	0.012	0.457	4.1 ✓	0.16
	LG 2	0.17	0.250	0.442	1.650	0.97	48.40	<0.005	0.023	0.197	0.005	0.101	0.089	4.2	0.306	0.725	135.0 ✓	0.48
6 TD	LG 3 M80 <125	0.21	0.024	1.125	1.110	0.15	47.50	<0.005	0.006	1.200	0.013	0.024	0.585	12.2	0.029	3.190	16.1 ~~0~~	2.66
1 T	LG 5	0.16	0.206	0.371	1.180	0.55	16.20	<0.005	0.012	0.134	0.004	0.066	0.076	3.3	0.307	0.715	88.3 107	0.32
~~0~~	LG 6 M80	0.35	0.100	0.881	1.915	0.15	53.80	0.009	0.014	0.329	0.014	0.036	2.880	28.9	0.068	7.650	14.8 53	2.29
	LG 11	0.18	0.215	0.317	1.395	0.74	26.90	<0.005	0.014	0.091	0.003	0.062	0.059	2.3	0.122	0.388	207.0 195	0.26
	LG 13	0.23	0.292	0.350	1.560	0.89	49.40	<0.005	0.022	0.106	0.004	0.075	0.483	3.7	0.221	1.775	189.5 ✓	0.44
	LG 15	0.17	0.238	0.434	1.345	0.71	36.80	<0.005	0.021	0.169	0.004	0.083	0.085	4.3	0.142	0.715	114.0 137	0.32
100T	LG 16 E <125	0.06	0.046	3.890	0.703	0.42	18.05	0.100	0.010	13.750	0.096	0.018	1.480	30.2	0.541	7.790	9.7 ~~0~~	2.87
	LG 17	0.21	0.293	0.405	1.690	0.86	52.10	<0.005	0.024	0.164	0.004	0.095	0.167	7.0	0.202	1.550	92.2 107	0.42
	LG 18	0.16	0.325	0.327	1.710	0.92	14.50	<0.005	0.013	0.084	0.003	0.066	0.074	3.1	0.290	0.598	128.5 ✓	0.27
	LG 20	0.16	0.362	0.434	2.850	1.73	8.60	<0.005	0.026	0.167	0.004	0.072	0.092	3.8	0.465	0.625	150.0 120	0.39
	LG 22	0.16	0.700	0.740	3.210	2.67	12.30	<0.005	0.038	0.374	0.007	0.114	0.136	5.7	0.707	1.010	205.0 ✓	0.60
	LG 23	0.18	0.315	0.357	1.520	0.97	15.35	<0.005	0.014	0.107	0.004	0.082	0.081	2.9	0.152	0.575	152.5 ✓	0.19
	LG 25	0.16	0.435	0.497	2.600	1.38	9.84	<0.005	0.027	0.157	0.004	0.040	0.087	4.0	0.369	0.634	293.0 242	0.39
1 T	LG 27	0.21	0.287	0.361	2.080	1.04	37.70	<0.005	0.023	0.106	0.003	0.096	0.082	3.4	0.218	0.601	247.0 ✓	0.37
1 T	LG 28	0.14	0.360	0.531	2.220	1.24	13.25	<0.005	0.016	0.178	0.004	0.071	0.067	3.2	0.391	0.540	119.0 88	0.40
	LG 30	0.18	0.411	0.442	2.540	1.47	13.75	<0.005	0.019	0.210	0.004	0.080	0.100	3.9	0.213	0.656	163.5 ✓	0.45
	LG 34	0.19	0.239	0.401	1.685	0.88	35.70	<0.005	0.019	0.124	0.004	0.046	0.102	4.1	0.188	0.809	129.0 ✓	0.40
	LG 35	0.16	0.292	0.288	1.600	0.75	11.25	<0.005	0.013	0.030	0.004	0.066	0.081	3.8	0.269	0.699	116.5 129	0.25
	LG 36	0.14	0.308	0.483	1.830	1.02	14.70	<0.005	0.012	0.177	0.003	0.058	0.068	3.1	0.519	0.544	131.0 ✓	0.36
	LG 37	0.19	0.351	0.460	1.950	1.02	28.70	<0.005	0.018	0.184	0.004	0.057	0.072	3.3	0.421	0.540	159.5 174	0.45
	LG 39	0.18	0.289	0.358	2.200	1.06	14.60	<0.005	0.019	0.073	0.003	0.048	0.070	3.1	0.347	0.503	157.5 219	0.33
	LG 40	0.16	0.335	0.450	2.210	1.23	15.55	<0.005	0.022	0.161	0.003	0.039	0.068	3.2	0.237	0.527	118.5 143	0.38
	LG 41 C100 <125	<0.01	0.125	8.780	0.089	1.05	67.00	<0.005	0.018	13.200	0.179	0.274	0.958	68.3	0.103	12.650	86.0 ✓	39.06
	LG 45 OREAS 45h	0.03 ✓	0.276	53.400	0.853	1.42 ✓	17.75	<0.005	0.044	6.150	0.135	0.087	0.997	237.0 ✓	0.010 ✓	7.500	✓ 30.4 ~~0~~	28.30

WORK DONE - LITTLE GOOSE LAKE, MURPHY Tp, BY H. DAXL SELF:

2021 - 2022

*	2 Jun.	Search for access, sand road washed away at 481200 E - 5381230 N
*	7 July	Built foot bridge there
*	8 July	Prospect, sampled LG2 - LG8.
	9 July	Drying samples, number envelopes and sachets.
*	10 July	Prospect, sampled LG9 - LG16.
*	11 July	Search for lost auger, look for access from north = worse.
	12 July	Dry and sieve samples.
*	14 July	Prospect, sampled LG17 - LG23.
	15 July	Dry samples, plot.
	16 July	Sieving, Drying.
*	21 July	Prospect, sampled LG24 - LG29
	22 July	Drying, plot.
	23 July	Dry, sieve
*	27 July	Prospect, sampled LG30 - LG33
	28 July	Dry, plot,
	30 July	Sieving, clean and repair equipment.
*	1 August	Prospect, sampled LG34 - LG41
	2 August	Dry, Pan.
	3 August	Sieve.
	11 Oct.	Fill vials, select test samples
	12 Oct.	Weigh, pack, lab order, ship.
	4 Dec.	Evaluate results from Neutron Activation.
	26 Dec.	UTM list, plot Au + Zn.
	27 Dec.	Finalize maps, select samples for Super aqua regia - ALS.
	28 Dec.	Annotate results, and compare tests, INAA.
	29 Dec. 2021	Study results INNA, print, highlight.
	10 Feb 2022	Make maps for Hg + As
	13 Feb	Location map start report
	14 Feb	Study ALS - ME-MS41L results
	15 Feb	Plot copper, make Cu map.
	18 Feb	Study Hg and Ag, redo Hg map with MS41L

MAPS/REPORT

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2022

28 Feb	Draft report
1 March	Report changes
2 March	Compare Ag, In other places, make maps
4 March	Redo Format of ALS, correspondence, etc.
6 March	Finalize Report, compare regional clay.
7 March	Make copies, scan report etc
37 DAYS	TOTAL

* 9 DAYS	Field Work Prospecting
12 DAYS	Sample Prep
16 DAYS	Report/Maps
37 DAYS	TOTAL

Assessment Work SUM – LITTLE GOOSE LAKE – H.DAXL

Prospecting/Grassroots Prospecting 9 days x 350 = 3,150 *
2.6.2021 – 1,8,2021

Sampling Program / Beneficiation,
9.7. – 12,10,2021 12 days x 400 = 4,800

Assays 14.10.2021 – 14.2.2022 51 INAA = 1515
26 ALS = 1313
77 analyses x $ 37 $ 2,828

Personal Transport. 2.6.2021 – 1,8,2021
9 trips x 35 km = 315 km x $0.50 $ 157

Shipping Samples $15 ACTL. 12,10,2021 $ 15

Supplies LOST AUGER $219.–, ribbons, paper, ink $ 250

Report / Map 16 days x 400 $ 6,400

$ 17,600

DISTRIBUTION !

CLAIM	# Sample Spots	Work done
644742	4	1956
644743	12	5867
644744	3	1466
644745	6	2933
644746	6	2933
644747	5	2445
	36 x 489	$17,600

Contiguity through: 644745 + 644746

Please double Prospecting *