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Decayed Vegetation Sampling in Coulson Township, Ontario

(north of Painkiller Lake)

on unpatented mining claims
550334, 550335, 550336, 550337

in respective cells
42A09F165, 42A09F166, 42A09F186, 42A09F187

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

19 January 2022

Introduction

This decayed vegetation sampling works, and one weak gold anomaly has been discovered on the second day of prospecting. The test samples from the historic gold zone adjacent south of my claims also proved this superior method.

I did this preliminary sampling on my claims 550334, 550335, 550336, 550337 (respective cells 42A09F165, 42A09F166, 42A09F186, 42A09F187), excluding my claims 550338 and 550333 adjacent in the northwest. I registered the claims on 23 May 2019 and informed the surface right owners. The part of my 6 claims overlapping the south half of lots 6 and 7, in concession 1, Coulson Township, Ontario, is on crown land.

I encountered no development nor workings on my 3 traverses. The few trails are quite overgrown. The mixed forest is mostly mature, with only 5 - 10 cm humus on sand to clay as annotated on the attached lab results. The vicinity of the creek is swampy with alders. The outcrop trending 60 az. around 8358 E - 6654 N is nonmagnetic, greenish gray, very fine-grained, rusty deep weathering basalt, massive without fractures or veins.

You can drive with a city car to my claims, 93 km east from Timmins, via Highway 101 past Matheson, Diamond and Nickel Roads, Painkiller Road in summer, as shown on the attached map. The attached sample and gold maps show more details.

Present Work and Results

I collected the 13 samples during 3 traverses on 8, 15, 20 June 2021. Except for CL5, they were heaped double-handfuls of decayed vegetation (K) from 0 - 6 cm depth composed from several spots in a 15 m radius, namely decayed leaves, needles, and small rootlets, where ions of gold and other elements migrating from deposits are known to accumulate directly and through the plant cycle. I chose favourable dry sample spots and noted the UTM center (see list). On swampy ground this can be done beside trees.

The samples were dried, rubbed, and sieved <250 micron, and all except CL6 had to be dry-swirled in a plastic gold pan to remove sand and silt dregs. The remaining sand or silt has no influence on gold, as shown by CL15 and CL16 extracted from CL8 and CL11. Samples CL10 to CL14 were also bracket-sieved to 125 - 250 micron to remove the silt, but as shown by CL16, which is the <125 micron fraction of CL11, silt carries no gold, however, it would dilute samples.

CL5 is from fine very rusty sand of the enriched B-horizon from 15 - 25 cm below CL4, rubbed and sieved to <125 micron. Because usually this horizon does not scavenge gold, the 125 -

250 micron fraction also was analyzed, as LG47 which had no gold. The first 18.8 ppb gold could have been a 60 micron detrital flake. Fine panning of all its <250 micron sievings revealed no gold but about 10% magnetite.

I compacted the samples into medium vials of 7 cm³. Their net weight is listed under "mass". Activation Laboratories Ltd. analyzed all samples by Neutron Activation - 2B Vegetation - special double irradiation. Special care is taken to avoid static cling of rock pulps to the outside of vials, which would contaminate. The gold results are illustrated on the attached gold map, and show a weak gold anomaly with 3 to 9 ppb gold in the center of my claim group. As per MLAS, the bedrock here is as in that gold zone in the south, which has prompted me to sample here. However, this should not discourage from extending the sampling to the rest of the claims, because this efficient method can evaluate them all in only 5 to 10 more field days. The higher values for Cr, Fe, Hf, Na, Sc, La, Ce, Nd, Sm, are normal for sand samples.

The all-organic exotic blank CL1 returned 0.5 ppb Au. As another test, RS4 to RS7 from the gold zone south of my claims, with <13.6 ppb Au, show that the method works. Standard OREAS 45e agreed twice in the same batch and two further organic blanks had zero gold.

Seven samples were also sent to ALS Canada Ltd., North Vancouver, for analyses of copper and other elements by ME-VEG41, HNO₃/HCl - ICP/AES-MS, as 1g aliquots. No further significant anomaly is seen. Such analysis is not suitable for gold in such samples, as carbon seems to interfere. Their MS41L by aqua regia is more suitable, but the special neutron activation is the most reliable for gold in decayed vegetation.

Please refer to both attached lab results with annotations. Also google > youtube hermann daxl < for two videos showing sample collection and preparation for analysis.

Conclusions and Recommendations

Sampling of decayed vegetation discovers mines, and the minor gold anomaly over the tested adjacent historic gold zone here is a good example. The present orientation sampling further revealed a minor gold anomaly in the center of my 6 claims. Another 5 to 10 days of field work will discover a gold deposit, if there is one.

Respectfully submitted,

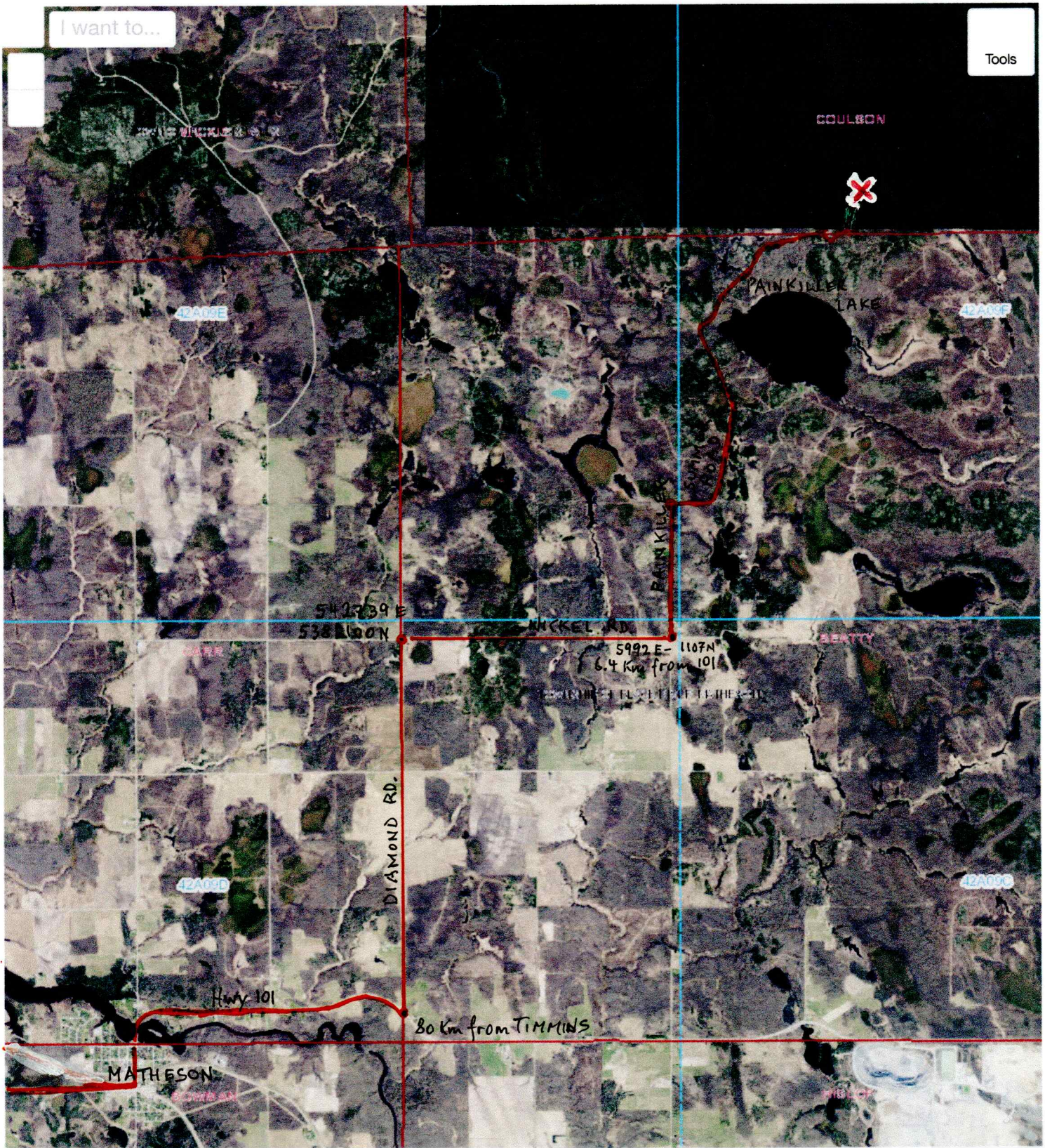
Timmins, 19 January 2022

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

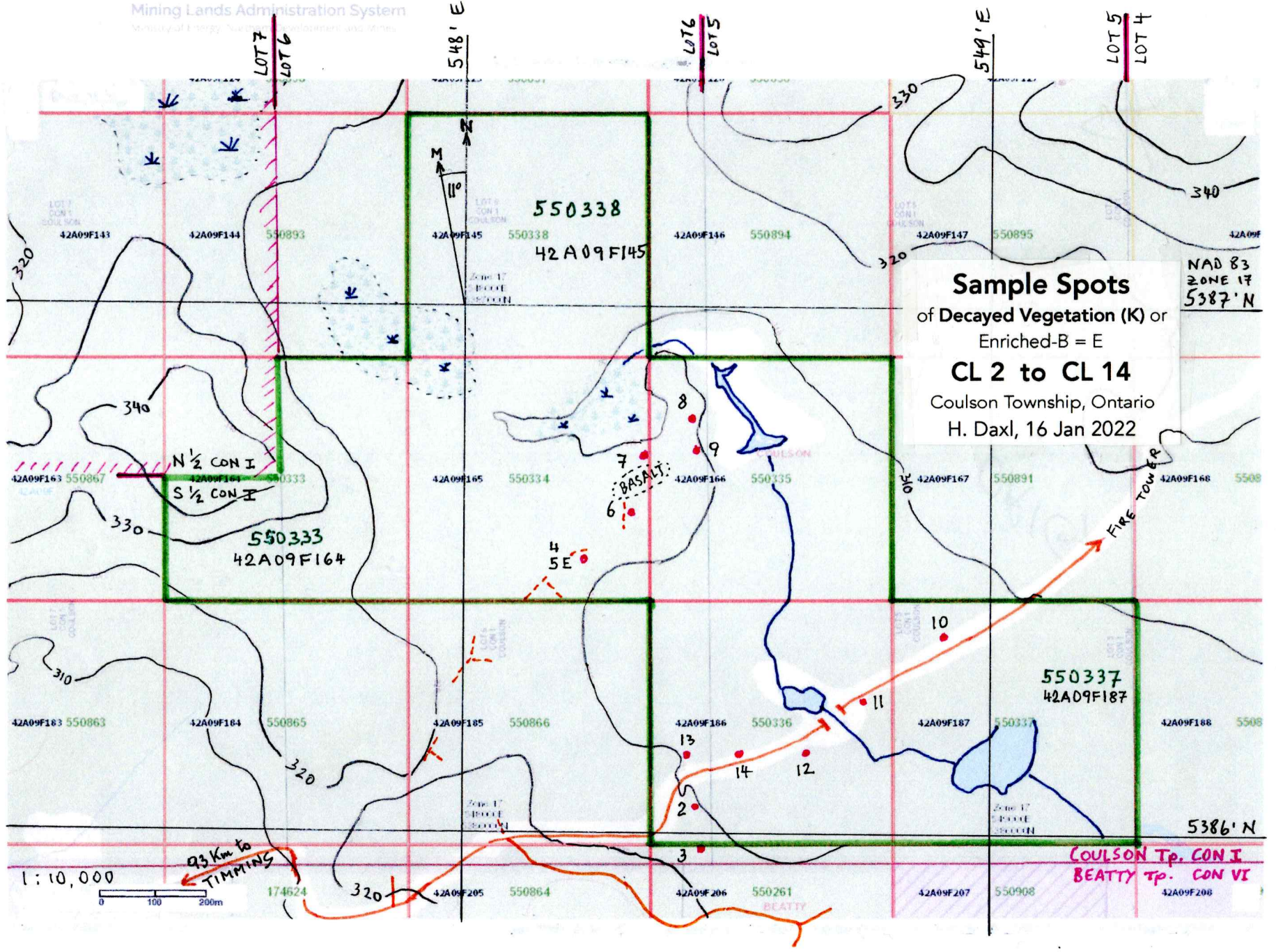


I want to...

Tools



Regional Location Map - Matheson to Daxl Claims (total 93 km East of Timmins) X



Sample Spots
 of Decayed Vegetation (K) or
 Enriched-B = E
CL 2 to CL 14
 Coulson Township, Ontario
 H. Daxl, 16 Jan 2022

NAD 83
 ZONE 17
 5387'N

5386'N

COULSON Tp. CON I
 BEATTY Tp. CON VI

93 Km to
 TIMMINS

1 : 10,000
 0 100 200m

174624

320

42A09F205 550864

42A09F206 550261

42A09F207 550908

42A09F208

548' E

LOT 6
 LOT 5

549' E

LOT 5
 LOT 4

550338
 42A09F145

550333
 42A09F164

550337
 42A09F187

42A09F165 550334

42A09F166 550335

42A09F167 550891

42A09F168 5508

42A09F163 550867

42A09F164 550333

42A09F183 550863

42A09F184 550865

42A09F185 550866

42A09F186 550336

42A09F187 550337

42A09F188 5508

42A09F163 550867

42A09F165 550334

42A09F166 550335

42A09F167 550891

42A09F168 5508

42A09F183 550863

42A09F184 550865

42A09F185 550866

42A09F186 550336

42A09F187 550337

42A09F188 5508

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42A09F166 550335

42A09F167 550891

42A09F168 5508

42A09F183 550863

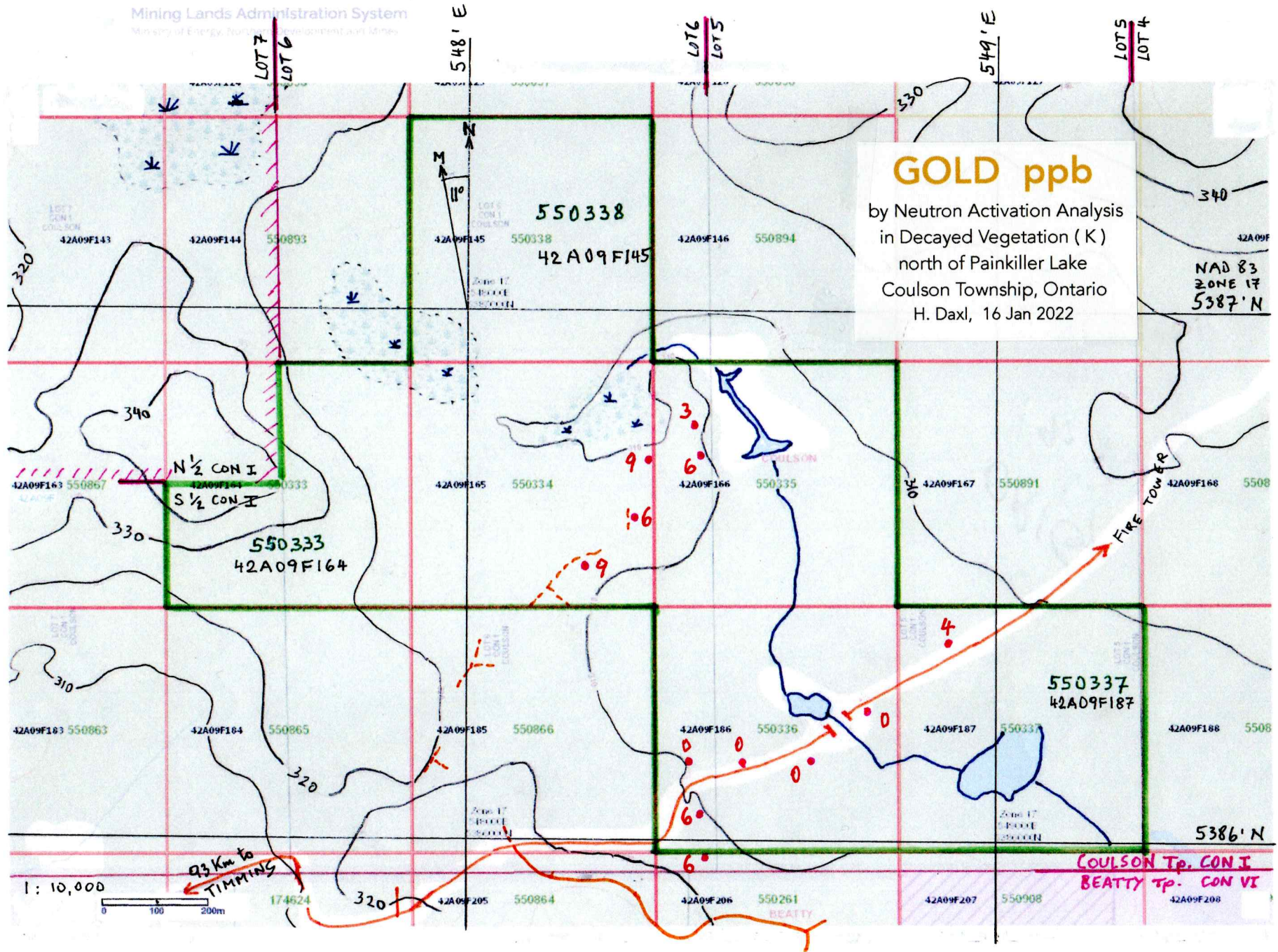
42A09F184 550865

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42A09F186 550336

42A09F187 550337

42A09F188 5508

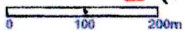


GOLD ppb
by Neutron Activation Analysis
in Decayed Vegetation (K)
north of Painkiller Lake
Coulson Township, Ontario
H. Daxl, 16 Jan 2022

NAD 83
ZONE 17
5387' N

COULSON Tp. CON I
BEATTY Tp. CON VI

1: 10,000



93 Km to
TIMPINS

Quality Analysis ...



Innovative Technologies

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

Report No.: A21-12591
Report Date: 29-Jul-21
Date Submitted: 06-Jul-21
Your Reference: MUW-COL-VAR

ATTN: Hermann Daxl

CERTIFICATE OF ANALYSIS

41 Vial samples were submitted for analysis. *in medium vials (~7cm³) packed with < 250 µm decayed vegetation*

The following analytical package(s) were requested:		Testing Date:
2B-18g <i>See mass net</i>	GOP INAA GEO (Vegetation INAA)	2021-07-16 12:39:49

not briquettes by neutron activation, double irradiation time

REPORT A21-12591

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.

SCC Accredited



LAB Accredité CCN

LabID: 266

ACTIVATION LABORATORIES LTD.

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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Emmanuel Esemé, Ph.D.
Quality Control
Coordinator

Decayed vegetation 0-6 cm depth sieved <250 micron (except marked) - by neutron activation - 2 B vegetation - double irradi. time - medium vials (~7cm³)

Results

Activation Laboratories Ltd.

Report: A21-12591

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
CL7 K θ	8.6	<0.3	1.41	141	12.60	1.39	4.1	15.7	<0.05	0.450	0.35	0.66	<0.1	0.90	<0.05	2080	<2	33	0.260	1.49
CL8 K θ	2.9	<0.3	1.28	157	14.00	2.97	4.1	14.2	<0.05	0.520	0.34	0.62	<0.1	0.94	<0.05	2020	<2	13	0.200	1.61
CL9 K θ	6.4	<0.3	1.63	121	15.10	1.79	2.8	5.3	<0.05	0.170	0.36	0.38	<0.1	1.08	<0.05	1690	<2	4	0.310	0.69
CL10 K 1D 125-250	4.1	<0.3	1.62	209	10.40	1.66	5.0	26.1	0.99	0.900	<0.05	2.91	<0.1	0.79	0.36	5720	<2	47	0.230	3.19
CL11 K 1DT 125-250	<0.1 \checkmark	<0.3	1.87	253	10.00	1.16	3.3	25.3	0.84	0.680	<0.05	2.62	<0.1	0.71	<0.05	5660	<2	22	0.320	2.76
CL12 K 1D 125-250	<0.1 \checkmark	<0.3	1.68	172	10.20	0.65	3.4	21.5	0.91	0.630	<0.05	2.59	<0.1	0.86	<0.05	6380	<2	3	0.210	2.59
CL13 K θ 125-250	<0.1 \checkmark	<0.3	1.51	139	14.10	2.33	4.7	21.7	<0.05	0.690	0.15	1.99	<0.1	0.82	0.87	3750	<2	<1	0.160	2.56
CL14 K θ 125-250	<0.1 \checkmark	<0.3	3.56	258	11.80	2.50	6.8	27.0	<0.05	0.880	<0.05	2.42	<0.1	0.66	<0.05	4960	<2	52	0.150	3.28
CL15 50% DT of CL8	<0.1 \checkmark	<0.3	<0.01	443	4.28	1.10	2.3	19.8	0.78	0.560	<0.05	3.16	<0.1	0.29	<0.05	14800	<2	38	0.080	2.64
<125 TESTS CL16 50% T of CL11	<0.1 \checkmark	<0.3	1.04	453	5.73	<0.01	2.0	29.5	1.27	0.700	<0.05	4.07	<0.1	0.25	<0.05	12700	<2	61	0.150	3.40
RS4 K 1D	<0.1 \checkmark	<0.3	1.84	143	10.00	0.94	8.8	28.4	0.64	0.990	<0.05	0.99	<0.1	0.58	<0.05	3950	<2	22	0.360	2.79
RS5 K 1D	13.6	<0.3	1.91	127	11.80	1.08	7.0	49.6	0.97	0.620	0.18	1.05	<0.1	0.57	0.54	3990	<2	25	0.280	2.56
RS6 K 1D	3.8	<0.3	1.51	105	12.00	0.42	2.9	16.9	0.85	0.300	0.29	0.24	<0.1	0.62	<0.05	1790	68	<1	0.320	1.24
RS7 40% D of RS4+6	4.4	<0.3	0.75	253	5.58	0.90	7.2	80.7	1.07	1.450	<0.05	3.82	<0.1	0.28	<0.05	14000	<2	39	0.170	5.80
CL1 Blank M12	0.5 θ	<0.3	2.16	<5	17.20	1.81	1.1	4.1	<0.05	0.180	<0.05	0.24	<0.1	0.60	<0.05	401	<2	<1	0.080	0.89
CL2 K 2D	5.6	<0.3	1.56	141	13.80	1.55	3.7	9.6	<0.05	0.300	0.22	0.36	<0.1	0.60	<0.05	1780	<2	3	0.330	1.09
CL3 K 1D	5.8	<0.3	1.18	121	11.40	0.57	2.3	7.1	0.32	0.160	0.24	0.15	<0.1	0.70	<0.05	1100	<2	<1	0.230	0.70
CL4 K 1D	8.9	<0.3	1.65	119	14.80	1.39	5.3	12.1	<0.05	0.630	0.41	0.41	<0.1	0.53	<0.05	1380	<2	<1	0.280	1.61
CL5 E <125 μ m	18.8?	<0.3	1.03	282	16.10	1.41	7.3	118.0	<0.05	3.250	<0.05	14.50	<0.1	0.32	<0.05	18400	<2	5	0.060	11.30
CL6 K 1D	5.9	<0.3	0.96	124	13.00	1.41	2.9	15.6	0.66	0.330	0.11	0.52	<0.1	0.93	1.26	1770	<2	<1	0.200	1.11

DT = % Sand-silt remaining in decayed vegetation(K) after dry-swirling (except CL6) in plastic gold pan. Dregs are CL15+16 and RS7.

E = Enriched B-horizon, med. orange-beige dry sand, rubbed + sieved <125 μ m, 3% K, beach sand. 3.25% Fe in CL5.
 Panned CL5 all <250 μ m, no gold, must have been one 60 μ m flake, ~10% magnetite. Elements typical of sand La, Ce, Nd, Sm, Na.
 But CL5 E 125-250 as LG 47 had no gold, much less La, Ce, Nd, Sm, but bit more Na; size dilutes.

LG 47 confirmed that despite gold in overlying decayed vegetation K (CL4), gold is never scavenged in B-horizon.

TESTS RS4 - RS7 from an assumed gold zone nearby, show that sand dregs RS7 removed from decayed vegetation(K) RS4+6 do not have enough gold to contaminate a sample, but need to be removed to prevent dilution.

Results

Activation Laboratories Ltd.

Report: A21-12591

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	INORGANIC TOP at cm depth
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		
Analysis Method	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	
CL 7 K ϕ	<0.1	<100	<0.05	1.1	<0.01	<0.05	135	4.64	7.5	4.9	0.480	<0.05	<0.1	<0.001	0.140	3.00	- 10 beige clay
CL 8 K ϕ	<0.1	<100	<0.05	1.5	0.89	<0.05	62	8.76	14.6	10.4	0.960	<0.05	<0.1	0.030	0.260	2.79	- 10 beige silt
CL 9 K ϕ	<0.1	<100	<0.05	0.5	<0.01	<0.05	105	1.98	3.6	<0.3	0.230	<0.05	<0.1	0.010	0.110	2.76	- 10 fine sand leached to 20.
CL 10 K 1D 125-250	<0.1	<100	<0.05	2.3	0.80	<0.05	162	8.89	15.3	6.4	1.010	0.07	<0.1	0.020	0.480	3.47	- 5 silt
CL 11 K 1DT 125-250	<0.1	<100	<0.05	1.9	<0.01	<0.05	47	7.24	11.8	5.4	0.910	0.30	<0.1	0.030	0.430	3.31	- 10 beige silt
CL 12 K 1D 125-250	<0.1	<100	<0.05	2.1	0.77	<0.05	118	7.00	12.2	4.9	0.850	0.20	<0.1	0.010	0.370	3.22	- 5 gray to beige silt
CL 13 K ϕ 125-250	<0.1	<100	<0.05	2.1	1.59	<0.05	73	9.16	14.8	7.0	1.170	0.41	<0.1	0.010	0.390	3.13	- 10 " " "
CL 14 K ϕ 125-250	<0.1	200	<0.05	2.5	0.69	<0.05	81	9.83	17.9	17.5	1.280	0.47	<0.1	0.010	0.630	3.04	- 5 " " "
CL 15 50% BT of CL 8	<0.1	<100	<0.05	2.3	<0.01	<0.05	<2	9.12	15.7	11.6	1.110	0.12	<0.1	0.030	0.470	7.08	
<125 TESTS CL 16 50% T of CL 11	0.4	<100	<0.05	2.2	0.23	<0.05	<2	7.43	13.4	5.1	1.050	0.10	<0.1	0.020	0.560	5.16	
RS 4 K 1D	<0.1	<100	<0.05	1.9	<0.01	<0.05	68	8.08	17.4	7.6	0.890	0.19	<0.1	0.040	0.320	2.89	- 10 brown sand-gravel
RS 5 K 1D	<0.1	<100	<0.05	1.8	<0.01	<0.05	132	5.36	9.9	5.4	0.640	0.08	<0.1	0.020	0.250	2.88	- 5 brown sand and basalt
RS 6 K 1D	<0.1	<100	<0.05	0.5	0.97	<0.05	61	2.94	5.5	<0.3	0.310	<0.05	<0.1	0.010	0.240	2.60	- 5 gray sand " "
RS 7 40% D of RS 4+6	<0.1	500	<0.05	5.6	0.45	<0.05	18	13.40	26.5	9.1	1.620	0.41	<0.1	0.080	0.810	5.00	
CL 1 Blank M152	<0.1	<100	<0.05	1.0	<0.01	<0.05	4	2.97	5.2	<0.3	0.360	0.08	<0.1	<0.001	0.110	2.66	
CL 2 K 2D	<0.1	<100	<0.05	0.6	<0.01	<0.05	80	3.89	6.4	1.8	0.410	0.07	<0.1	<0.001	0.160	2.73	- 10 grey sand
CL 3 K 1D	<0.1	<100	<0.05	0.4	<0.01	<0.05	91	1.75	2.8	2.0	0.210	0.06	<0.1	0.010	0.080	2.62	- 10 leached sand to 25
CL 4 K 1D	<0.1	<100	<0.05	1.2	0.26	<0.05	63	5.99	10.4	10.2	0.690	0.21	<0.1	0.020	0.270	2.65	- 10 " " to 20
CL 5 E < 125 μ m	<0.1	200	0.28	10.7	1.62	<0.05	39	29.10	50.2	21.3	3.810	1.06	<0.1	0.190	2.070	8.37	- v. rusty B fine sand > 20 cm
CL 6 K 1D	<0.1	<100	<0.05	1.3	0.12	<0.05	79	3.47	5.3	5.9	0.360	<0.05	<0.1	0.010	0.140	2.86	- 10 leached sand + pebbles

Quality Control

Activation Laboratories Ltd.

Report: A21-12591

Analyte Symbol	Au	Ag	As	Ba	Br	Co	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
OREAS 45e (INAA)	54.9			256		< 0.01	64.0	938.0	< 0.05	24.100		5.70		0.34		685	407	< 1		92.60
Meas also MUW 21	48.5		14.9	205	3.37		62	994		23.4		6.30		0.23	1.21	582	516	3	0.250	93.70
OREAS 45e (INAA)	53.0			246		0.06	59.0	1070.0	1.20	24.200		6.31		0.34		580	459	21		91.00
Cert	✓																			
Method Blank	< 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	0.26	< 0.05	< 1	< 2	< 1	< 0.005	< 0.01

Quality Control

Activation Laboratories Ltd.

Report: A21-12591

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	
Analysis Method	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
OREAS 45e (INAA)		< 100	< 0.05	13.1	2.45	< 0.05		11.20	23.3	9.4	1.400	0.63	< 0.1	0.310	1.470	
Meas also MUW 21				11.5	2.85			12.60	23.4	8.1	1.79	0.35		0.230	1.450	
OREAS 45e (INAA)		16	0.63	13.0	2.54	1.06		11.10	23.5	9.5	2.130	0.55	0.4	0.230	1.480	
Cert																
Method Blank	< 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	10.00



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To: HERMANN DAXL
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 TIMMINS ON P4P 1B4

Page: 1
 Total # Pages: 2 (A - D)
 Plus Appendix Pages
 Finalized Date: 21-AUG-2021
 Account: DAXHER

CERTIFICATE VA21173801

P.O. No.: MUW-CL-VEG
 This report is for 23 samples of ^{decayed}Vegetation submitted to our lab in Vancouver, BC, Canada on 6-JUL-2021.
 The following have access to data associated with this certificate:
 HERMANN DAXL

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

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
ME-VEG41	Vegetation - HNO3/HCl ICPAES-ICPMS	

CL 10, CL 11, CL 14 of 125-250µm, others < 250µm sievings, analyze as is, unashed - 1 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, General Manager, North Vancouver

Sample	VA21173801 ME-VEG41	VA21173801 ME-VEG41	VA21173801 ME-VEG41	VA21173801 ME-VEG41	VA21173801 ME-VEG41	VA21173801 ME-VEG41	
Description	Au* ppb	Ag ppm	Al %	As ppm	B ppm	Ba ppm	
CL1 BLANK M152	<0.2	0.017	0.17	1.86	4	20.3	
CL3 K1D	2.3	5.8	0.075	1.04	5	80.3	
CL4 K1D	3.8	8.9	0.091	1.65	5	68.3	
CL6 K1D	2.6	5.9	0.081	0.93	5	52.3	
CL8 K 1D	1.2	2.9	0.080	0.39	11	82.1	
CL10 K1D 125-250	0.7	4.1	0.207	0.55	9	88.6	
CL11 K1DT 125-250	1.0	0.139	0.39	1.76	7	50.7	
CL14 K 1D 125-250	0.8	0.081	0.54	4.55	13	76.0	
RS5 K1D	5.1	13.6	0.103	0.21	6	60.6	
8075 SHAFT TEST K 1D	32.1	92.6	0.127 ✓	0.61	60.70 ✓	11	150.0

* GOLD here too low. Method not suitable due to carbon? Inorganic OREAS 45 e in batch 42.5 versus 53 ppb.
 8075 was 92.6 by neutron activation - ACTLABS
 and 91.0 by aquaregia Super MS 41 L - ALS

Sample	VA21173801 ME-VEG41	VA21173801 ME-VEG41	VA21173801 ME-VEG41	VA21173801 ME-VEG41	VA21173801 ME-VEG41	VA21173801 ME-VEG41	VA21173801 ME-VEG41
Description	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr N.A. ppm
CL1 BLANK M152	0.07	0.016	1.91	0.081	2.87	0.273	4.1 1.91
CL3 K1D	0.03	0.150	0.53	0.710	1.30	1.300	7.1 2.62
CL4 K1D	0.11	0.207	0.61	0.671	7.49	3.600	12.1 4.82
CL6 K1D	0.05	0.132	0.64	0.746	2.33	2.270	15.6 3.62
CL8 K 1D	0.13	0.159	1.53	1.040	12.55	3.910	14.2 6.61
CL10 K1D 125-250	0.15	0.163	1.15	0.790	9.04	3.870	26.1 12.10
CL11 K1DT 125-250	0.11	0.177	0.78	0.527	6.71	1.680	25.3 8.08
CL14 K 1D 125-250	0.17	0.101	1.71	0.666	12.05	4.370	27.1 13.00
RS5 K1D	0.04	0.210	0.74	0.929	3.11	3.920	49.6 13.90
8075 SHAFT TEST	0.11	0.188	1.85	0.870	6.43	17.800	51.9 21.00

Sample	VA21173801 ME-VEG41	VA21173801 ME-VEG41	VA21173801 ME-VEG41	VA21173801 ME-VEG41	VA21173801 ME-VEG41	VA21173801 ME-VEG41	VA21173801 ME-VEG41
Description	Cs ppm	Cu ppm	Fe ppm	Ga ppm	Ge ppm	Hf ppm	Hg ppm
CL1 BLANK M152	0.099	3.30	1450	0.503	0.050	0.055	0.097
CL3 K1D	0.267	20.10	940	0.261	0.066	0.016	0.252
CL4 K1D	0.403	20.50	4810	1.040	0.085	0.041	0.218
CL6 K1D	0.269	17.90	1530	0.494	0.051	0.027	0.222
CL8 K 1D	0.333	22.20	3680	1.140	0.067	0.071	0.212
CL10 K1D 125-250	0.570	13.90	5820	2.900	0.021	0.084	0.174
CL11 K1DT 125-250	0.356	16.60	3990	2.170	0.043	0.071	0.162
CL14 K 1D 125-250	0.527	14.30	5920	2.290	0.036	0.127	0.112
RS5 K1D	0.538	24.00	2910	1.230	0.068	0.036	0.206
8075 SHAFT TEST K 1D	0.606 ✓	47.60 ✓	16900	2.570	0.014	0.041	0.510

Sample	VA21173801 ME-VEG41	VA21173801 ME-VEG41	VA21173801 ME-VEG41	VA21173801 ME-VEG41	VA21173801 ME-VEG41	VA21173801 ME-VEG41	VA21173801 ME-VEG41
Description	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm
CL1 BLANK MISZ	<0.005	<0.01	1.50	<0.1	0.102	11.3	0.22
CL3 K ID	0.039	0.09	0.74	0.3	0.069	250.0	0.28
CL4 K ID	0.048	0.10	4.01	1.1	0.077	299.0	0.44
CL6 K ID	0.034	0.11	1.29	0.8	0.090	306.0	0.24
CL8 K ⊕	0.035	0.11	5.95	3.3	0.151	661.0	0.37
CL10 K ID 125-250	0.024	0.15	4.54	5.3	0.202	702.0	0.32
CL11 K IDT 125-250	0.031	0.11	3.53	2.6	0.134	200.0	0.30
CL14 K ⊕ 125-250	0.013	0.12	6.02	6.0	0.253	447.0	0.20
RS5 K ID	0.039	0.07	1.60	1.5	0.140	680.0	0.33
8075 SHAFT TEST K ⊕	0.046	0.09	2.98	5.8	0.313	1335.0	0.39

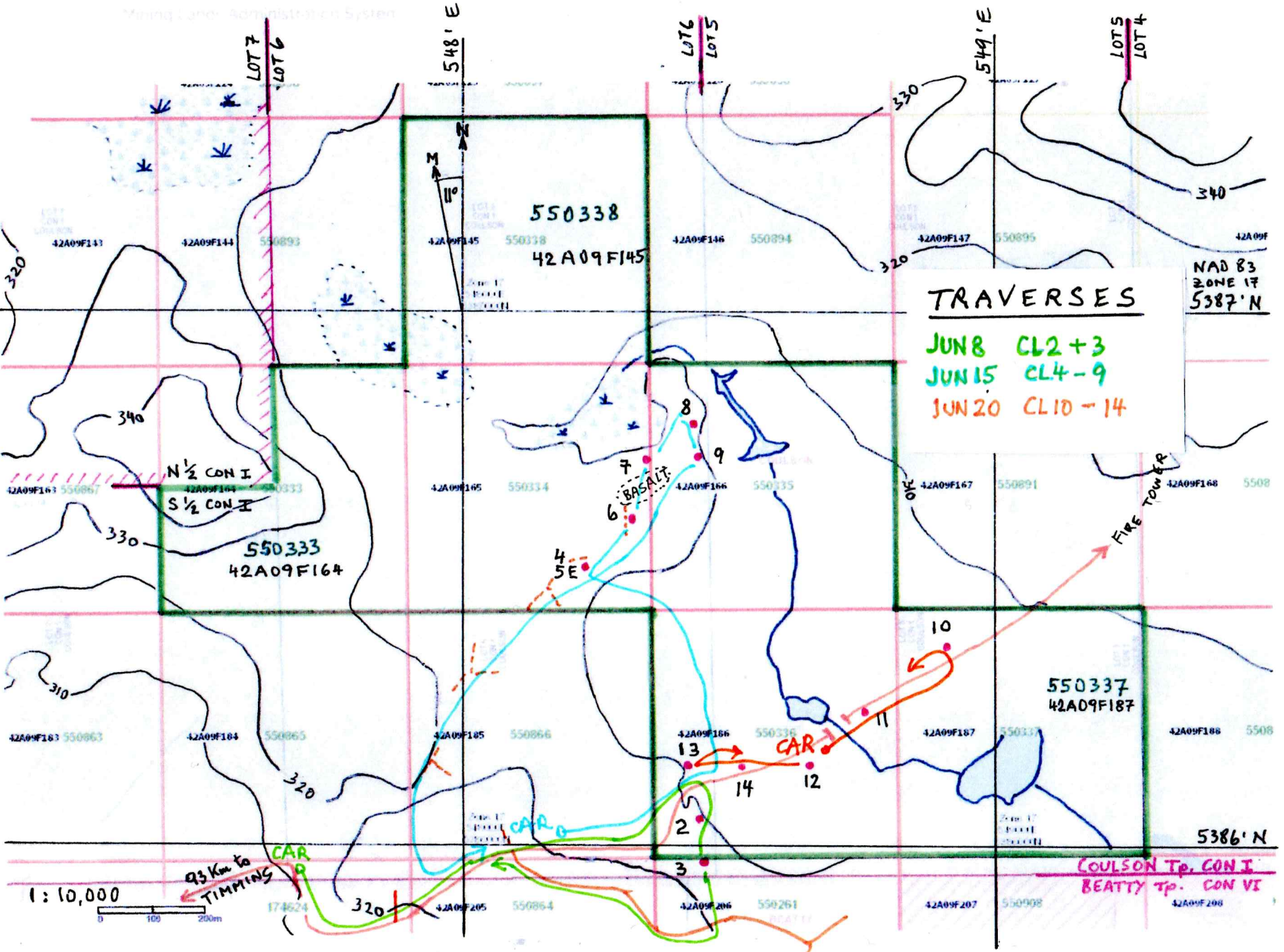
Sample	VA21173801 ME-VEG41	VA21173801 ME-VEG41	VA21173801 ME-VEG41	VA21173801 ME-VEG41	VA21173801 ME-VEG41	VA21173801 ME-VEG41	VA21173801 ME-VEG41
Description	Na %	Nb ppm	Ni ppm	P %	Pb ppm	Pd ppb	Pt ppb
CL1 BLANK MISZ	0.017	0.163	0.87	0.031	1.33	<1	2
CL3 K ID	0.005	0.078	5.98	0.092	7.51	<1	2
CL4 K ID	0.004	0.226	6.65	0.101	13.65	1	<1
CL6 K ID	<0.001	0.178	6.48	0.098	7.02	<1	1
CL8 K ⊕	0.011	0.361	7.08	0.101	10.90	<1	<1
CL10 K ID 125-250	0.003	1.000	8.98	0.095	14.60	<1	1
CL11 K IDT 125-250	0.004	0.754	7.23	0.076	17.00	<1	1
CL14 K ⊕ 125-250	0.003	1.030	9.75	0.086	7.86	<1	1
RS5 K ID	0.005	0.355	16.50	0.075	15.85	1	1
8075 SHAFT TEST K ⊕	0.005	0.502	24.20	0.113	50.20	2	3

Sample	VA21173801 ME-VEG41	VA21173801 ME-VEG41	VA21173801 ME-VEG41	VA21173801 ME-VEG41	VA21173801 ME-VEG41	VA21173801 ME-VEG41	VA21173801 ME-VEG41
Description	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm
CL1 BLANK MISZ	0.27	<0.001	0.18	0.05	0.56	1.135	0.09
CL3 K ID	5.36	0.001	0.20	0.19	0.25	2.920	0.35
CL4 K ID	6.39	0.001	0.19	0.23	0.57	2.870	0.38
CL6 K ID	6.58	0.001	0.17	0.16	0.27	2.500	0.27
CL8 K ⊕	4.78	0.001	0.22	0.16	0.51	1.435	0.23
CL10 K ID 125-250	14.85	<0.001	0.14	0.10	0.63	1.635	0.29
CL11 K IDT 125-250	5.65	0.001	0.16	0.20	0.48	1.570	0.35
CL14 K ⊕ 125-250	10.80	0.001	0.16	0.11	0.99	0.595	0.23
RS5 K ID	5.60	0.001	0.19	0.18	0.55	1.930	0.47
8075 SHAFT TEST K ⊕	8.46	<0.001	0.14 ✓	0.28	3.08	2.170	1.50 ^{2.94}

Sample	VA21173801 ME-VEG41	VA21173801 ME-VEG41	VA21173801 ME-VEG41	VA21173801 ME-VEG41	VA21173801 ME-VEG41	VA21173801 ME-VEG41	VA21173801 ME-VEG41
Description	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm
CL1 BLANK M152	72.6	0.010	0.005	0.438	0.004	0.025	0.161
CL3 K1D	24.7	0.001	0.008	0.105	0.002	0.041	0.039
CL4 K1D	26.3	0.002	0.017	0.170	0.006	0.057	0.248
CL6 K1D	27.1	0.002	0.008	0.124	0.006	0.041	0.050
CL8 K⊕	39.8	0.002	0.014	0.244	0.009	0.055	0.580
CL10 K1D 125-250	33.7	0.002	0.017	0.315	0.025	0.064	0.155
CL11 K1DT 125-250	20.0	0.004	0.016	0.284	0.019	0.041	0.148
CL14 K⊕ 125-250	42.5	0.003	0.014	0.695	0.025	0.050	0.219
RS5 K1D	21.4	0.004	0.018	0.238	0.017	0.041	0.078
8075 SHAFTEST K⊕	41.0	0.001	0.047	0.254	0.013	0.056	0.136

Sample	VA21173801 ME-VEG41	VA21173801 ME-VEG41	VA21173801 ME-VEG41	VA21173801 ME-VEG41	VA21173801 ME-VEG41
Description	V ppm	W ppm	Y ppm	Zn N. A. ppm	Zr ppm
CL1 BLANK M152	1.86	0.03	0.623	4 2.5	1.74
CL3 K1D	1.99	0.09	0.282	91 90.2	0.52
CL4 K1D	6.24	0.08	1.570	63 61.0	1.51
CL6 K1D	3.31	0.07	0.398	79 77.6	0.87
CL8 K⊕	6.35	0.07	2.290	62 99.5	2.84
CL10 K1D 125-250	13.15	0.07	1.055	162 114.5	3.02
CL11 K1DT 125-250	8.84	0.07	0.896	47 42.5	2.48
CL14 K⊕ 125-250	13.10	0.08	1.900	81 97.6	4.49
RS5 K1D	8.60	0.09	0.533	132 119.0	1.13
8075 SHAFTEST K⊕	23.70	0.25	1.440	✓ 249.0 ✓	1.59

DT = % sand-silt remaining in decayed vegetation (K) 0-6 cm depth,
after dry-swirling (except CL6) in plastic gold pan removed dregs.



TRAVERSES

JUN 8 CL2+3
 JUN 15 CL4-9
 JUN 20 CL10-14

NAD 83
 ZONE 17
 5387' N

N 1/2 CON I
 S 1/2 CON I

1:10,000
 0 100 200m

93 Km to
 TIMPING CAR

COULSON Tp. CON I
 BEATTY Tp. CON VI

550338

42A09F145

550333
 42A09F164

550337
 42A09F187

6 BASALT

4 SE

CAR

CARO

FIRE TOWER

5386' N

548' E

LOT 6
LOT 5

549' E

LOT 5
LOT 4

42A09F143

42A09F144

550893

42A09F145

550338

42A09F146

550894

320

42A09F147

550895

42A09F148

320

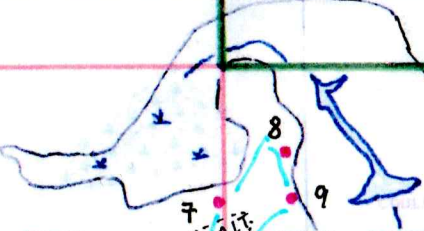
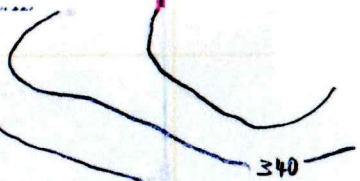
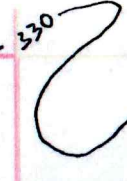
340

330

310

320

320



OK

10

42A09F186

550336

42A09F187

550337

42A09F188

5508

42A09F206

550261

42A09F207

550908

42A09F208

174624

NAD 83 UTM Zone 17**Painkiller Lake, Coulson Township**

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

Sample #	Easting 54	Northing 538	Sample #	Easting 54	Northing 538
CL 2	8450	6050	CL 9	8446	6735
CL 3	8454	5970	CL 10	8908	6372
CL 4	8222	6521	CL 11	8747	6263
CL 5 E	"	"	CL 12	8651	6150
CL 6	8317	6608	CL 13	8420	6151
CL 7	8351	6725	CL 14	8525	6147
CL 8	8430	6791			

LOG OF WORK DONE BY H. DAXL ON COULSON CLAIMS 550334-37:2021:

- JUN 7 Study region, prepare field work, find history
- x JUN 8 Find access, sampled CL2-3, RS 4-6 for tests
- JUN 9 Dry samples, plot, make envelopes, sachets.
- x JUN 15 Sampling CL4 - CL9
- JUN 16 Dry samples, clean of sticks, etc
- x JUN 19 Sieve and prep samples, panned CL5 < 250 (no gold)
- x JUN 20 Sampling CL10 - CL14
- JUN 22 Dry and clean samples, plot
- JUN 23 Sieve and prep samples
- JUN 29 Fill vials, lab order, for neutron activation, fill sachet.
- SEP 20 Annotate sample list and results
- SEP 21 Annotate + study results N.A.

2022:

- JAN 15 UTM list, location map, plot, copies, study field notes.
- JAN 16 Sample location + gold maps, traverse map, copy miscos.
- JAN 17 Write report
- JAN 18 Write report
- JAN 19 Scan, copy, finalize, file report.