Ontario

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# Decayed Vegetation Sampling

# in NW of Murphy Township

# Ontario

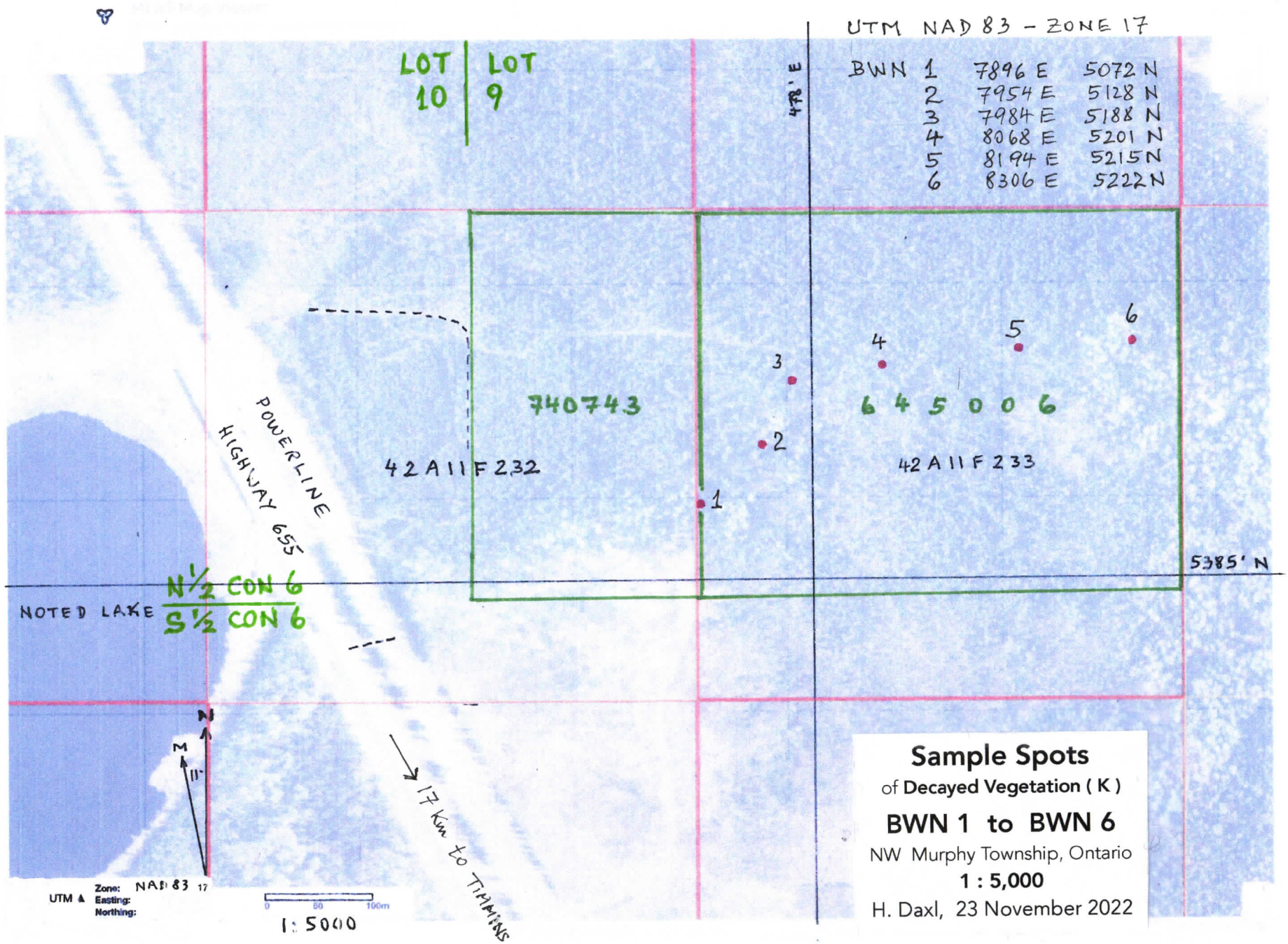
( east of Noted Lake, north of Bigwater Lake )

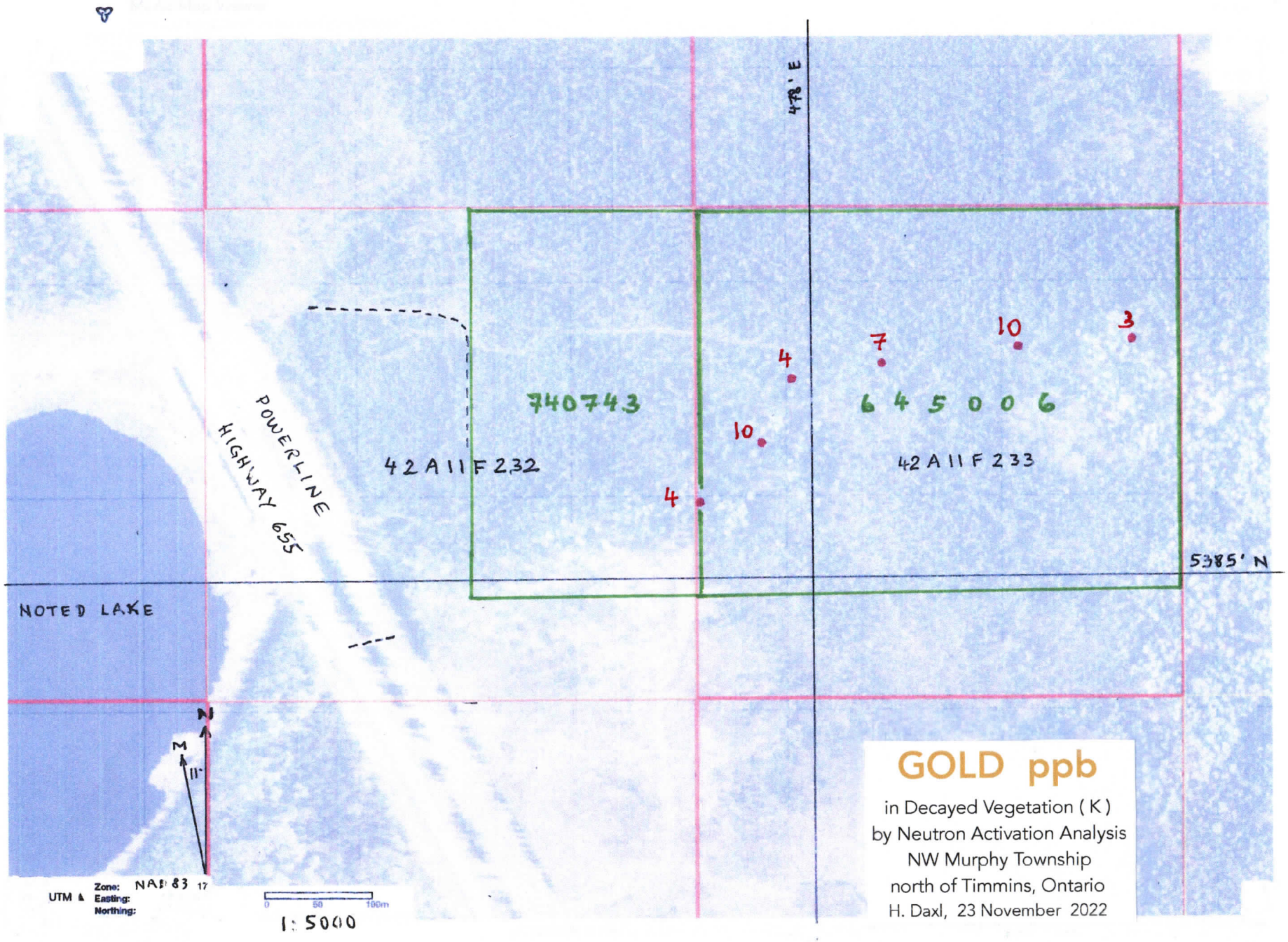
on unpatented mining claim 645006

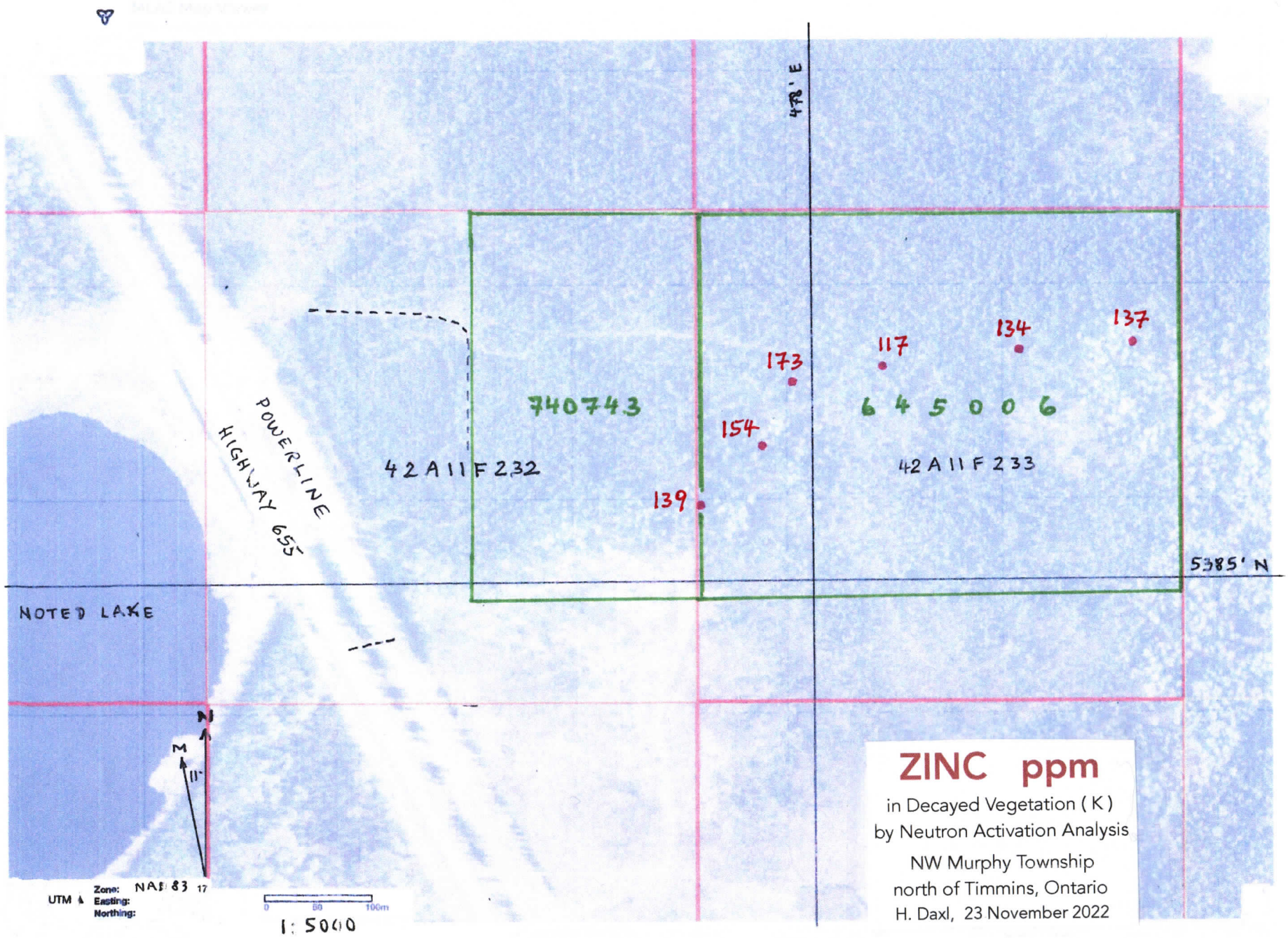
part of cell 42A11F233

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

23 November 2022


UTM NAD 83 - ZONE 17
BWN 1 7896 E 5072 N
2 7954 E 5128 N
3 7984 E 5188 N
4 8068 E 5201 N
5 8194 E 5215 N
6 8306 E 5222 N
LOT 10
LOT 9
478' E
740743
645006
42A11F232
42A11F233
POWERLINE
HIGHWAY 655
NOTED LAKE
N½ CON 6
S½ CON 6
5385' N
17 Km to TIMMINS
UTM Zone: NAD 83 17
Easting:
Northing:
0 50 100m
1:5000
Sample Spots
of Decayed Vegetation ( K )
BWN 1 to BWN 6
NW Murphy Township, Ontario
1 : 5,000
H. Daxl, 23 November 2022


478' E
740743
42 A 11 F 232
645006
42 A 11 F 233
POWERLINE
HIGHWAY 655
NOTED LAKE
5385' N
7
10
3
4
10
4
N
M
11°
UTM
Zone: NAD 83 17
Easting:
Northing:
0 50 100m
1: 5000
GOLD ppb
in Decayed Vegetation ( K )
by Neutron Activation Analysis
NW Murphy Township
north of Timmins, Ontario
H. Daxl, 23 November 2022


478' E
740743
42 A 11 F 232
645006
42 A 11 F 233
117
134
137
173
154
139
POWERLINE
HIGHWAY 655
NOTED LAKE
5385' N
M
11°
UTM
Zone:
Easting:
Northing:
NAD 83
17
0
50
100m
1: 5000
ZINC ppm
in Decayed Vegetation ( K )
by Neutron Activation Analysis
NW Murphy Township
north of Timmins, Ontario
H. Daxl, 23 November 2022

# Introduction

One could speculate and search on my claim, for the origin of the 60-90 cm sphalerite-chalcopyrite Murphy Float 1 found 2.2 km southeast at NAD83 - 479400 E - 5383350 N ( google . . OGS MDC017 - page 66 ).

Decayed vegetation has been proven to show mines. The 10 ppb gold in 2 samples here are weakly anomalous. Too much water movement in the 30 - 50 cm swampy humus or black muck on beige clay could have flushed out elements towards Bigwater Lake, and more samples are needed at the less swampy north and east boundaries. The assumed 20 - 30 m overburden would be no hindrance.

I collected the 6 samples BWN1 to BWN6 on 6 May 2021 on a west-east traverse of my claim 645006 which covers the northern 3/4 of Ontario Grid cell 42A11F233 on crown land, within N1/2 Con 6, Lot 9, Murphy Township. The area is flat with 10 - 20 m high mixed trees and dense swampy bush.

Bedrock is assumed to be meta-sedimentary and volcanic, partly graphitic, like in drill holes 1km north and in Bigwater Lake ( MDI42A11NW00027 and Assessment File 42A11SE0173 ). Unfortunately the drill core was hardly sampled. The OGS map 81071 shows no geophysical anomalies. I encountered no development nor exploration workings.

Driving north from Timmins on Highway 655 past road-km 17, exit east and park at entrance to power line at NAD83 - 477604 E - 5384949 N.

Please refer to the attached sample location map, UTM list, gold and zinc maps, and lab results with annotated details.

# Present Work and Results

All 6 samples 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, mostly higher ground beside trees because of the swamp, and noted their UTM center.

The samples were dried, rubbed, and sieved <250 micron. Swirling was not necessary as they had no inorganic content that could dilute or contaminate them. I compacted the sievings into medium vials of 7 cm3 for neutron activation. Their net weight is listed under "mass". I do all preparation myself because standard lab procedures are not suitable.

Neutron Activation - 2B Vegetation - special double irradiation time, was done by Activation Laboratories Ltd. in Ancaster. Special care is asked to avoid static cling of rock pulps to the outside of vials, which would also be counted in readings. The highest gold was 10 ppb in samples BWN2 and BWN5, which is hardly anomalous, like also are the 117 to 173 ppm zinc.

The 53-element analyses ME-MS41L - aqua regia - 0.45 g aliquots - super trace, were done by ALS Canada Ltd., North Vancouver. Gold and zinc are similar to neutron activation, assuming that the 64 ppb gold of BWN5 must have been a rare particle accentuated by the only 0.45 g aliquot, whereas two analyses of 3 g each by neutron activation were consistent at 10 ppb gold. All other elements are considered quite normal.

You can also google . . . youtube hermann daxl . . . for three videos showing sample collection and preparation for analysis.

## Conclusions and Recommendations

Sampling of decayed vegetation discovers mines, although water movement may not have been suitable here. The less swampy eastern and northern claim boundaries should still be sampled. The origin of the erratic with much sphalerite and some chalcopyrite may still be found.

Respectfully submitted,

Timmins, 23 November 2022 Hermann Daxl, M.Sc.(Minex), Claim Holder

Decayed vegetation 0-6 cm depth (K) sieved < 250 micron, by neutron activation-2B vegetation, double irrad. time, med. vials.
No inorganic content

**Results** **Activation Laboratories Ltd.** **Report: A21-09900**

| 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 |
| BWN1 | 4.3 | < 0.3 | 1.61 | 55 | 10.80 | 1.25 | 2.4 | 9.2 | < 0.05 | 0.250 | 0.69 | 0.25 | < 0.1 | 0.90 | < 0.05 | 603 | < 2 | < 1 | 0.210 | 0.83 |
| BWN2 | 10.4 | < 0.3 | 2.06 | < 5 | 9.58 | 0.13 | 1.4 | 6.1 | < 0.05 | 0.190 | 0.46 | < 0.05 | < 0.1 | 0.79 | < 0.05 | 560 | < 2 | 5 | 0.220 | 0.59 |
| BWN3 | 4.1 | < 0.3 | 1.83 | < 5 | 10.20 | 1.04 | 1.4 | 7.8 | < 0.05 | 0.180 | 0.16 | < 0.05 | < 0.1 | 0.93 | < 0.05 | 484 | < 2 | < 1 | 0.230 | 0.53 |
| BWN4 | 7.4 | < 0.3 | 1.78 | < 5 | 9.87 | < 0.01 | 1.3 | 9.1 | < 0.05 | 0.190 | 0.52 | < 0.05 | < 0.1 | 1.02 | < 0.05 | 779 | < 2 | < 1 | 0.270 | 0.73 |
| BWN5 | 9.7 9.9 6.1 | < 0.3 | 1.44 1.87 | 47 | 10.50 | 0.48 | < 0.1 | 7.0 | < 0.05 | 0.180 0.20 | 0.16 | 0.20 | < 0.1 | 0.80 | < 0.05 | 580 6.97 | < 2 | 5 | 0.270 ✓ | 0.61 |
| BWN6 | 3.0 | < 0.3 | 1.22 | < 5 | 15.40 | 1.21 | 2.2 | 5.5 | < 0.05 | 0.170 | < 0.05 | < 0.05 | < 0.1 | 0.80 | < 0.05 | 342 | < 2 | < 1 | 0.120 | 0.49 |
| ST2 OREAS 45e | 55.0 ✓ | < 0.3 | 13.40 16 | 254 ✓ | ~~0.13~~ | < 0.01 | 51.5 ✓ | 963.0 ✓ | ~~< 0.05~~ | 22.700 | < 0.05 | 6.26 | < 0.1 | ~~< 0.01~~ | ~~< 0.05~~ 2.4 | 568 ✓ | 468 ✓ | < 1 | 0.690 1.0 | 89.40 ✓ |

**Results** **Activation Laboratories Ltd.** **Report: A21-09900**

| Analyte Symbol | Se | Sr | Ta | Th | U | W | Zn | La | Ce | Nd | Sm | Eu | Tb | Lu | Yb | Mass | INORGANIC TOP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit Symbol | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | g | 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 | |
| BWN1 | < 0.1 | < 100 | < 0.05 | 0.7 | < 0.01 | < 0.05 | 139 | 3.46 | 6.3 | 3.1 | 0.320 | < 0.05 | < 0.1 | 0.020 | 0.050 | 3.13 | – 30 beige clay |
| BWN2 | < 0.1 | < 100 | < 0.05 | 0.5 | < 0.01 | < 0.05 | 154 | 1.53 | 3.4 | < 0.3 | 0.220 | < 0.05 | < 0.1 | < 0.001 | 0.100 | 3.20 | – 30 black clay, 40 dk. beige |
| BWN3 | < 0.1 | < 100 | < 0.05 | 0.6 | < 0.01 | < 0.05 | 173 | 1.59 | 2.9 | < 0.3 | 0.220 | 0.08 | < 0.1 | < 0.001 | < 0.005 | 2.97 | – 30 sand-gravel |
| BWN4 | < 0.1 | < 100 | < 0.05 | 0.4 | < 0.01 | < 0.05 | 117 | 1.69 | 3.7 | < 0.3 | 0.260 | < 0.05 | < 0.1 | 0.010 | 0.090 | 3.03 | – 40 dk. clay, 60 beige clay |
| BWN5 | < 0.1 | < 100 | < 0.05 | 0.4 ✓ | < 0.01 | < 0.05 | 134 ✓ | 1.47 2.2 | 2.3 4.7 | < 0.3 | 0.220 ✓ | < 0.05 | < 0.1 | 0.010 | < 0.005 | 3.13 | – 50 sticky beige clay |
| BWN6 | < 0.1 | < 100 | < 0.05 | 0.6 | < 0.01 | < 0.05 | 137 | 1.66 | 4.5 | 1.8 | 0.220 | < 0.05 | < 0.1 | < 0.001 | < 0.005 | 3.05 | – 20 " " " |
| ST2 OREAS 45e | ~~< 0.1~~ 3 | < 100 | ~~< 0.05~~ | 11.4 ✓ | 1.75 2.4 | ~~< 0.05~~ | ~~< 2~~ 97 | 10.70 ✓ | 24.7 ✓ | ~~< 0.3~~ 10 | 1.860 2.3 | 0.56 | < 0.1 | 0.230 | 1.470 1.2 | 7.16 | – STANDARD |

ONLY GOLD IS somewhat anomalous high.

| Sample Description | VA21141376 ME-MS41L Au ppb | N.A | VA21141376 ME-MS41L Ag ppm | VA21141376 ME-MS41L Al % | VA21141376 ME-MS41L As ppm | VA21141376 ME-MS41L B ppm | VA21141376 ME-MS41L Ba ppm | VA21141376 ME-MS41L Be ppm |
|---|---|---|---|---|---|---|---|---|
| BWN1 | 4.8 | 4.3 | 0.135 | 0.13 | 1.74 | 10 | 60.9 | 0.04 |
| BWN3 | 4.4 | 4.1 | 0.108 | 0.07 | 1.40 | <10 | 42.8 | 0.03 |
| BWN5 | ~~63.9~~ | 9.7+9.9 | 0.120 | 0.07 | 1.74 | <10 | 47.3 | 0.02 |
| BWN6 | 2.4 | 3.0 | 0.075 | 0.09 | 1.66 | 10 | 23.9 | 0.04 |

| | Bi ppm | Ca % | Cd ppm | Ce ppm | Co ppm | Cr ppm | Cs ppm |
|---|---|---|---|---|---|---|---|
| BWN1 | 0.173 | 0.80 | 0.884 | 4.25 | 1.875 | 3.58 | 0.278 |
| BWN3 | 0.164 | 0.72 | 0.991 | 1.85 | 1.365 | 2.31 | 0.145 |
| BWN5 | 0.193 | 0.51 | 1.010 | 1.51 | 0.781 | 2.85 | 0.284 |
| BWN6 | 0.146 | 1.09 | 1.320 | 2.35 | 1.660 | 2.32 | 0.105 |

| | Cu ppm | Fe % | Ga ppm | Ge ppm | Hf ppm | Hg ppm | In ppm |
|---|---|---|---|---|---|---|---|
| BWN1 | 48.9 | 0.195 | 0.571 | 0.023 | 0.011 | 0.230 | 0.111 |
| BWN3 | 54.6 | 0.144 | 0.274 | 0.016 | 0.004 | 0.206 | 0.112 |
| BWN5 | 67.5 | 0.142 | 0.274 | 0.017 | 0.006 | 0.303 | 0.135 |
| BWN6 | 43.9 | 0.130 | 0.331 | 0.018 | 0.011 | 0.169 | 0.092 |

| | K % | La ppm | Li ppm | Mg % | Mn ppm | Mo ppm | Na % |
|---|---|---|---|---|---|---|---|
| BWN1 | 0.10 | 2.640 | 0.2 | 0.08 | 934.0 | 0.35 | 0.009 |
| BWN3 | 0.11 | 0.941 | <0.1 | 0.09 | 667.0 | 0.36 | 0.008 |
| BWN5 | 0.12 | 0.733 | <0.1 | 0.06 | 273.0 | 0.31 | 0.011 |
| BWN6 | 0.08 | 1.235 | <0.1 | 0.11 | 175.5 | 0.25 | 0.008 |

| | Nb ppm | Ni ppm | P % | Pb ppm | Pd ppb | Pt ppb | Rb ppm |
|---|---|---|---|---|---|---|---|
| BWN1 | 0.137 | 3.35 | 0.082 | 16.20 | <1 | <2 | 5.290 |
| BWN3 | 0.066 | 2.67 | 0.083 | 11.75 | <1 | <2 | 5.220 |
| BWN5 | 0.092 | 3.08 | 0.080 | 14.00 | 4 | <2 | 9.030 |
| BWN6 | 0.085 | 2.84 | 0.071 | 11.40 | <1 | <2 | 2.560 |

| | Re ppm | S % | Sb ppm | Sc ppm | Se ppm | Sn ppm | Sr ppm |
|---|---|---|---|---|---|---|---|
| BWN1 | 0.001 | 0.14 | 0.176 | 0.490 | 0.824 | 0.54 | 25.70 |
| BWN3 | 0.001 | 0.17 | 0.170 | 0.289 | 0.863 | 0.40 | 27.00 |
| BWN5 | 0.001 | 0.15 | 0.176 | 0.331 | 0.956 | 0.47 | 24.50 |
| BWN6 | 0.001 | 0.19 | 0.144 | 0.352 | 0.727 | 0.39 | 34.10 |

| | Ta ppm | Te ppm | Th ppm | Ti % | Tl ppm | U ppm | V ppm |
|---|---|---|---|---|---|---|---|
| BWN1 | <0.005 | 0.010 | 0.093 | 0.005 | 0.055 | 0.082 | 3.5 |
| BWN3 | <0.005 | 0.009 | 0.014 | 0.001 | 0.040 | 0.053 | 2.2 |
| BWN5 | <0.005 | 0.011 | 0.020 | 0.002 | 0.041 | 0.043 | 2.0 |
| BWN6 | <0.005 | 0.009 | 0.047 | 0.003 | 0.022 | 0.103 | 2.0 |

| | W ppm | Y ppm | Zn ppm | N.A. | Zr ppm |
|---|---|---|---|---|---|
| BWN1 | 0.138 | 0.418 | 164.5 | 139 | 0.44 |
| BWN3 | 0.138 | 0.400 | 197.0 | 173 | 0.19 |
| BWN5 | 0.112 | 0.333 | 156.0 | 134 | 0.23 |
| BWN6 | 0.107 | 0.454 | 177.5 | 137 | 0.41 |

All of decayed vegetation
0-6 cm depth, sieved < 250 μm,
no inorganic content, by SUPERTRACE.

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

**Report No.:** **A21-09900**
**Report Date:** **23-Jun-21**
**Date Submitted:** **02-Jun-21**
**Your Reference:** **SHIL 5- VAR**

**Hermann Daxl**

**ATTN: Hermann Daxl**

# CERTIFICATE OF ANALYSIS

Decayed vegetation sievings <250 micron pressed into medium vials ~7cm$^3$.
45 Vial samples were submitted for analysis.

| The following analytical package(s) were requested: | | Testing Date: |
|---|---|---|
| 2B-~~18g~~ see mass net | QOP INAAGEO (Vegetation INAA) | 2021-06-15 12:14:45 |

not briquettes but medium vials, by neutron activation - double irradiation time.

REPORT **A21-09900**



Notes:

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

SCC Accredited LAB
LAB Accrédité CCN
LabID: 266

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control
Coordinator

**ACTIVATION LABORATORIES LTD.**
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Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

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


Finalized Date: 22-JUN-2021
Account: DAXHER

# CERTIFICATE VA21141376

P.O. No.: SHI-VAR-AR
This report is for 39 samples of Vegetation submitted to our lab in Vancouver, BC, Canada on 3-JUN-2021.
The following have access to data associated with this certificate:

| HERMANN DAXL | | |
|---|---|---|

## SAMPLE PREPARATION

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

## ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|---|---|---|
| ME-MS41L | Super Trace Lowest DL AR by ICP-MS | |

Decayed, sieved < 250 micron dry.

SUPER TRACE: Analyzed as is by Aqua regia for soil ME-MS41L ~.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, General Manager, North Vancouver

# LOG OF WORK DONE BY H. DAXL ON CLAIM 645006

Ass. Work Rep.

2021:

| | | |
|---|---|---|
| * | 6 MAY | W-E traverse, collected samples BWN1-6 |
| | 7 " | dry samples, plot, maps, very wet. |
| | 8 " | dry samples, read and study claim. |
| | 11 " | sieve samples, fill vials + sachets, weigh. |

2022:

| | |
|---|---|
| 19 NOV | Annotate analyses, study results. |
| 20 " | Draft report |
| 21 " | Write report |
| 22 " | Finalize report and maps |
| 8 days | TOTAL |

= * 1 day prospecting, collect 6 samples.
3 days sample beneficiation
4 days Report, Maps.
8 days