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# Supplement

to Assessment Work Report **3068**

Copper - Zinc - Indium  
**( now also Gold )**

in Decayed Vegetation in  
Wark Township Center  
( 8 km ESE of Kidd Creek Mine )

on unpatented mining claims  
552422, 578557, 578558, 578559  
in respective Ontario Grid Cells  
42A11F058, 059, 078, 079

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

27 June 2022

## **Present Work shows Copper and Gold**

In continuation of my Assessment Work Report 3068 of 17 Feb 2020 I took 8 more samples ( 334 - 341 ) on 13 Aug 2020 to cover especially the strong airborne EM conductors within the moderate MAG anomaly shown on OGS Map 81063. Sample 333 from outside shows background. As expected, again only samples ( 336, 337, 341 ) of decayed vegetation from 0 - 6 cm depth ( K ) were useful, but where K was absent, I took black swamp muck ( M ) from depth as annotated on the lab results. Considering the 33 m of overburden the <108 ppm copper and <295 ppb indium, and the now more reliably analyzed <24.9 ppb gold, suggest that these elements occur in these conductors, as also indicated by previous values adjacent WSW. Zinc values now are somewhat lower with <130 ppm Zn but still correlate with <902 ppb cadmium. Please read my full assessment work report 3068, and refer to the attached location and element maps, and lab results.

## **Past Drilling inadequate**

Despite the several strong airborne conductors spread over 1 km in a moderate MAG high, the only drill hole on record is Hole -1 of Feb 1971 (link 42A11NE0572), attitude 360/60, by Falconbridge Nickel Mines Ltd, at NAD83 480605 E - 5389116 N calculated from their map, with 33 m vertical overburden. According to the quite constant core angles about 18 CA, widening downhole as the hole flattened, the bedding dips about 75 degrees northward, whereby the total of 160 m graywacke core represents only 50 m true thickness. The only 3 samples, taken in disseminated pyrrhotite-pyrite, returned no gold, 37 - 57 ppm copper, 36 - 42 ppm nickel. No conductor appears in the core logs and no MAG is mentioned. This does not allow any evaluation of the area, and the hole likely overshot the mapped conductor aimed at.

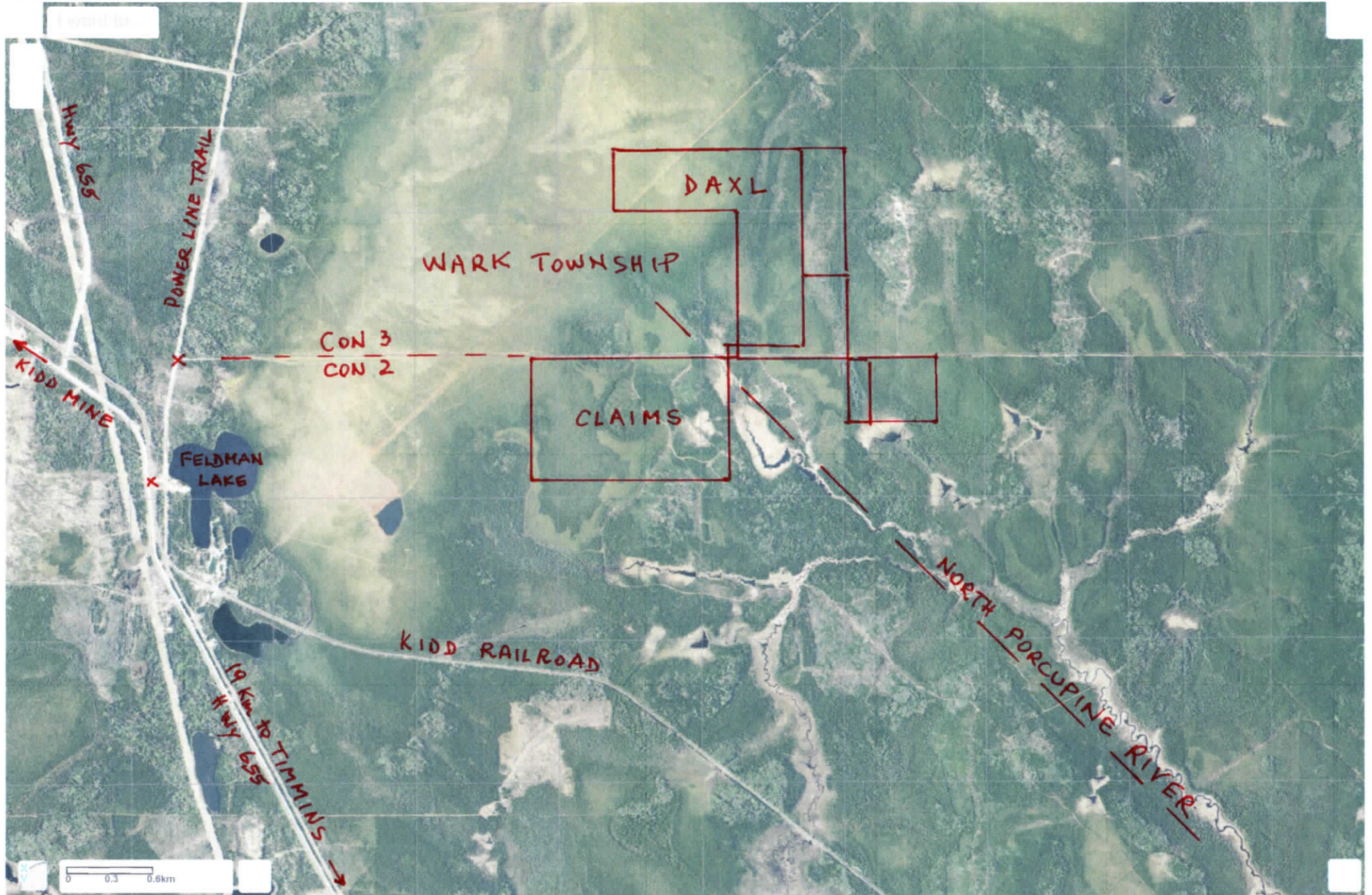
## **Conclusion and Recommendation**

Decayed vegetation sampling qualified these conductors as worthy of more drilling.

Respectfully submitted,

Timmins, 27 June 2022

Hermann Daxl, (M.Sc) Minex





1:10,000  
EXCERPT  
OGS MAP 81003  
WITH DAXL CLAIMS AND  
ONTARIO GRID

ONTARIO GRID

K 5  
7 450

J 6  
7 468

N 8  
7 412

K 8  
7 394

AH 8  
7 364

K II  
7 398

AB 8  
7 319

AK 8  
7 335

N 10  
7 437

M 8  
7 295

AB 8  
7 313

552421

579223

552422

578557

555676

578558

578559

578559

579221

265200

304200

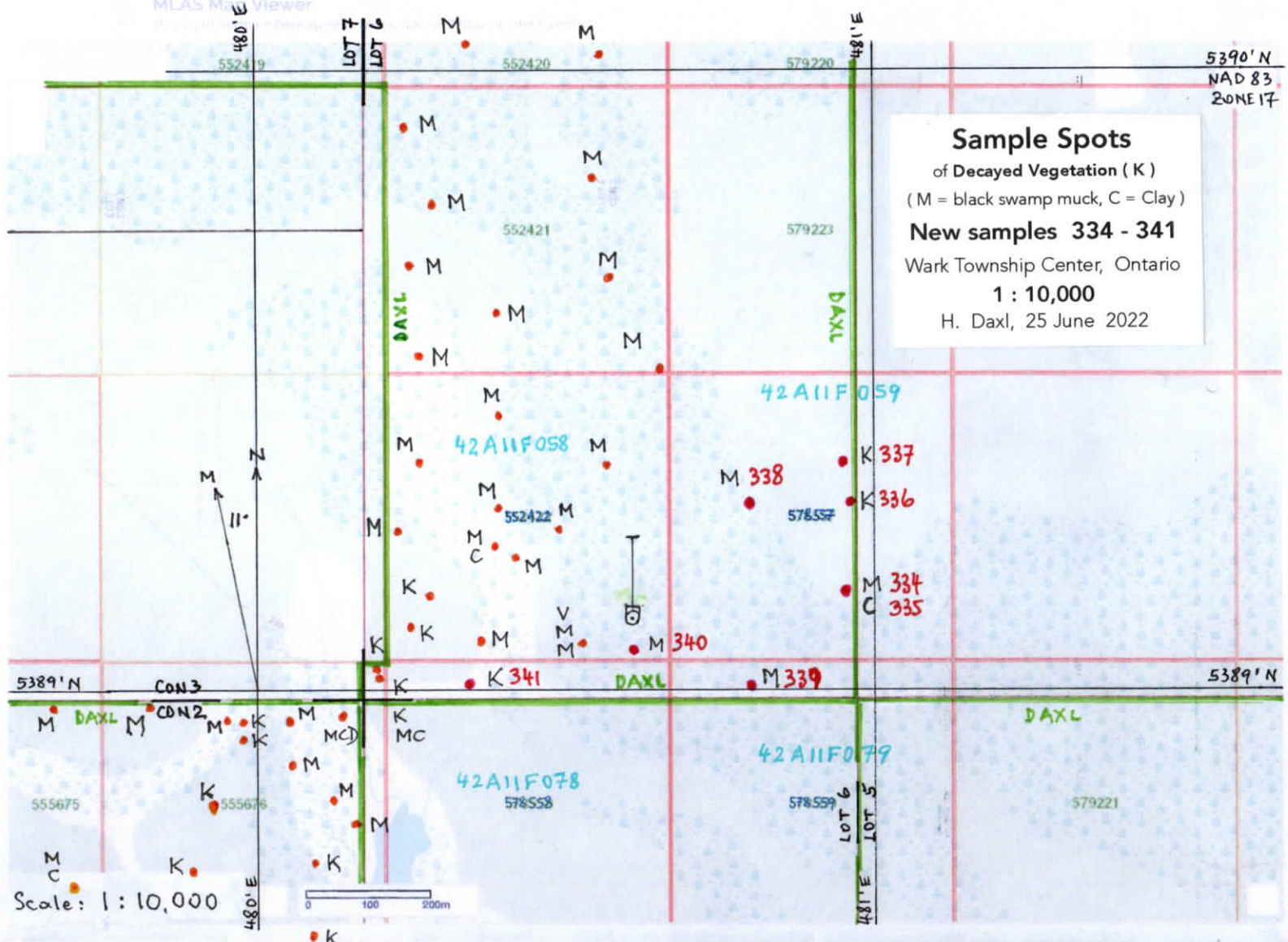
330600

378000

404400

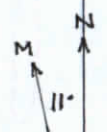
222



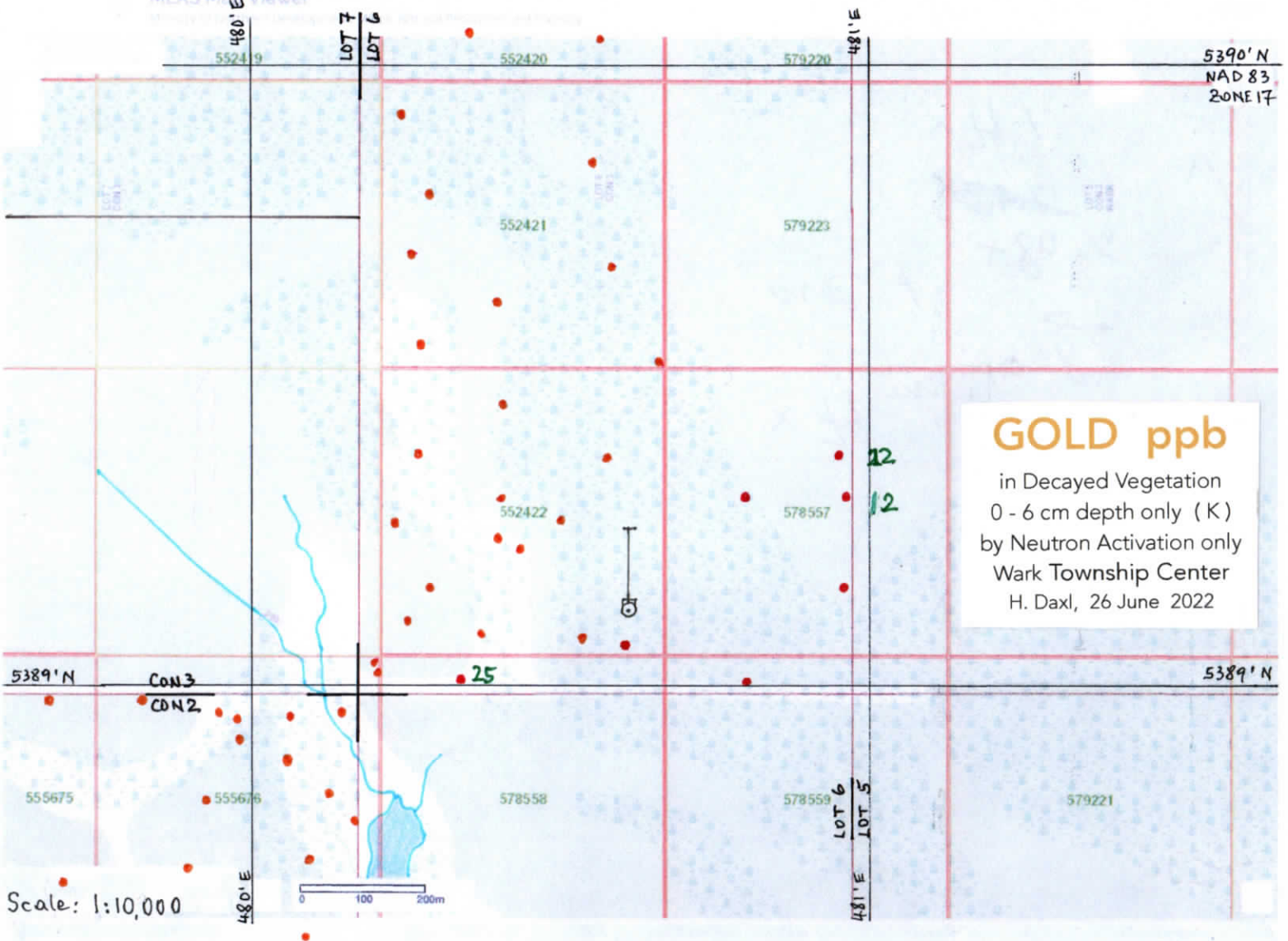


**Sample Spots**  
of Decayed Vegetation ( K )  
( M = black swamp muck, C = Clay )  
**New samples 334 - 341**  
Wark Township Center, Ontario  
**1 : 10,000**  
H. Daxl, 25 June 2022

Scale: 1 : 10,000



• K



**GOLD ppb**  
 in Decayed Vegetation  
 0 - 6 cm depth only (K)  
 by Neutron Activation only  
 Wark Township Center  
 H. Daxl, 26 June 2022

Scale: 1:10,000

LOT 7  
LOT 6

481' E

5390' N  
NAD 83  
ZONE 17

12  
12

25

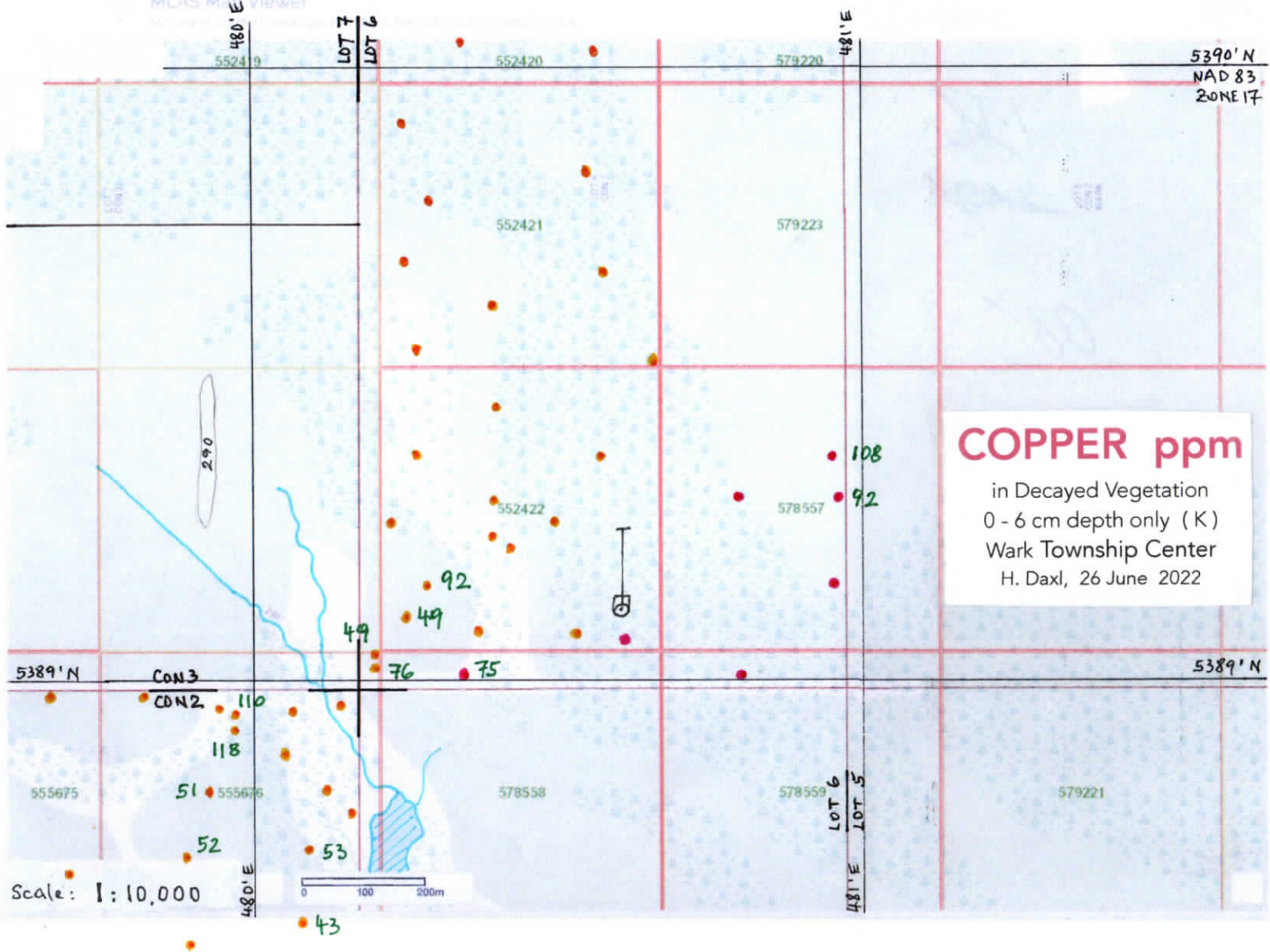
LOT 6  
LOT 5  
481' E

CON 3  
CON 2

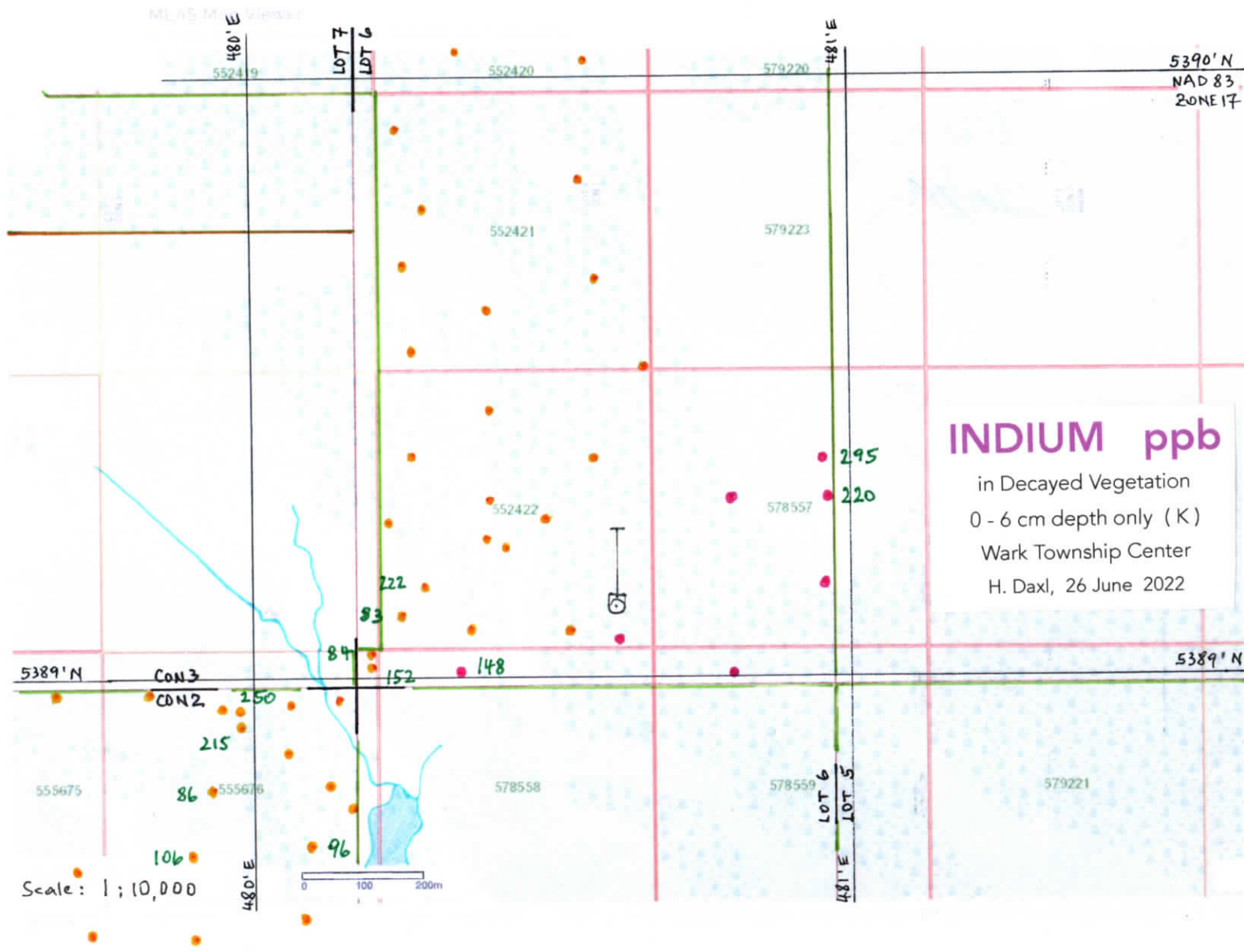
480' E

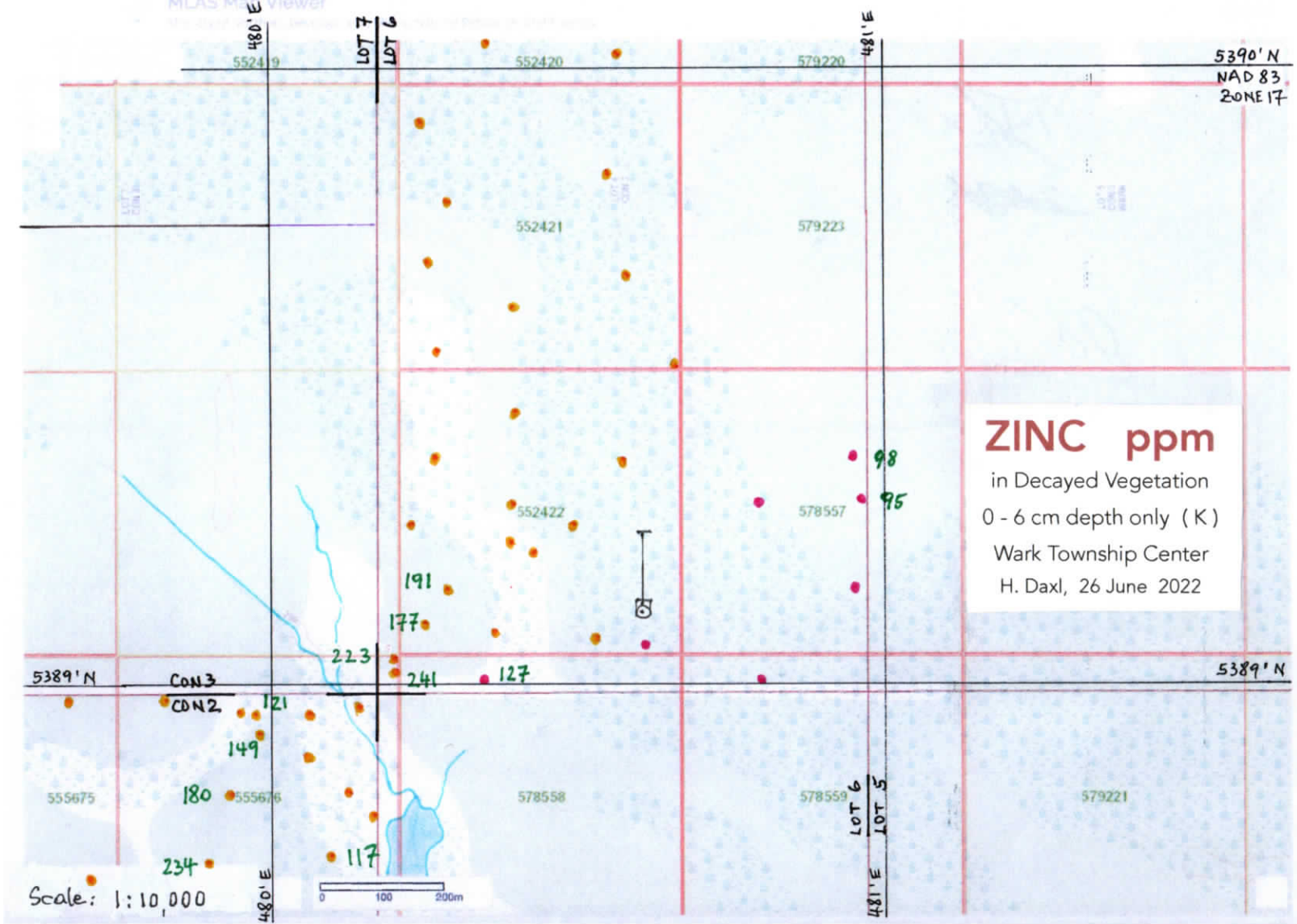
5389' N

5389' N

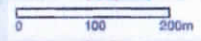








Scale: 1:10,000



480' E

481' E

5389' N

5389' N

5390' N  
NAD 83  
ZONE 17

CON3  
CON2

LOT 7  
LOT 6

LOT 6  
LOT 5

552419

552420

579220

552421

579223

552422

578557

555675

555676

578558

578559

579221





Report No.: A20-14312  
Report Date: 23-Dec-20  
Date Submitted: 10-Nov-20  
Your Reference: VAR-NA

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

ATTN: Hermann Daxl

**CERTIFICATE OF ANALYSIS**

46 Vial samples were submitted for analysis. *decayed vegetation sievings < 250 µm*

The following analytical package(s) were requested:		Testing Date:
<del>2B-156</del> <i>med. vials 7 cm<sup>3</sup></i>	QOP INAAGEO (Vegetation INAA)	2020-12-01 11:28:56

*double irradiation time*

REPORT **A20-14312**

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

CERTIFIED BY:

Emmanuel Esemé, 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 0-6 cm depth sieved < 250 micron,  
 by neutron activation, code 2 B Vegetation, double irradiation time, 7 cm<sup>3</sup> medium vials.

**Results**

**Activation Laboratories Ltd.**

**Report: A20-14312**

Analyte Symbol	Au	Ag	As	Ba	Br	Ca	Co	Cr	Cs	Fe	Hg	Hf	Ir	<sup>2</sup> K	Mo	Na	<sup>2</sup> 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
336 K	11.7	<0.3	2.27	144	15.20	0.36	0.8	9.1	<0.05	0.260	0.30	<0.05	<0.1	5.61	<0.05	719	<2	<1	0.330	0.79
337 K	22.4	<0.3	2.99	94	15.50	0.95	0.8	11.9	<0.05	0.310	0.28	0.21	<0.1	5.36	2.31?	931	<2	6	0.490	1.01
341 K	24.9	<0.3	2.38	<5	13.00	<0.01	1.4	8.1	0.31	0.220	0.23	0.19	<0.1	6.13	<0.05	636	<2	<1	0.290	0.70
														?						?

**Results**

**Activation Laboratories Ltd.**

**Report: A20-14312**

Analyte Symbol	Se	Sr	Ta	Th	U	W	<sup>65</sup> 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	AR 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
336 K	<0.1	<100	<0.05	0.6	<0.01	<0.05	95 112	2.73	4.9	<0.3	0.350	0.06	<0.1	0.010	0.200	2.68
337 K	2.1	<100	<0.05	0.7	<0.01	<0.05	98 86	3.37	5.9	3.1	0.420	<0.05	<0.1	0.020	0.220	2.56
341 K	<0.1	<100	<0.05	0.7	<0.01	<0.05	127 142	2.08	4.3	<0.3	0.280	<0.05	<0.1	0.010	0.080	2.56





ALS Canada Ltd.  
 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**  
**39-630 RIVERPARK RD**  
**TIMMINS ON P4P 1B4**

Page: 1  
 Total # Pages: 2 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 7-SEP-2020  
 Account: DAXHER

**CERTIFICATE VA20187058**

P.O. No.: WAX-GR-2020  
 This report is for 22 ~~Pulp~~ <sup>Sievings of decayed vegetation (< 250 µm)</sup> samples submitted to our lab in Vancouver, BC, Canada on 27-AUG-2020.  
 The following have access to data associated with this certificate:  
 HERMANN DAXL

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

ANALYTICAL PROCEDURES	
ALS CODE	DESCRIPTION
ME-VEG41	Vegetation - HNO3/HCl ICPAES-ICPMS <i>unashed - 1g</i>

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	VA20187058 ME-VEG41	VA20187058 ME-VEG41	VA20187058 ME-VEG41	VA20187058 ME-VEG41	VA20187058 ME-VEG41	VA20187058 ME-VEG41	VA20187058 ME-VEG41	VA20187058 ME-VEG41	VA20187058 ME-VEG41
Description	Au at cm ↓ ppb	Ag N.A. ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	
332 BLANK	2.3	0.012 ✓	0.15	1.19 ✓	8	30.9	0.07	0.014	
333 K	5.1	0.176	0.08	1.50	3	15.6	0.02	0.223	
334 M 60	0.9	0.034	0.50	0.81	6	48.5	0.26	0.038	
335 CLAY 80	1.7	0.057	3.30	1.66	9	187.0	1.13	0.182	
336 K	10.4	11.7 0.138	0.08	1.84	2	33.8	0.03	0.246	
337 K	13.1	22.4 0.145	0.10	2.54	2	45.7	0.03	0.309	
338 M 100	0.9	0.018	0.19	1.11	9	44.1	0.08	0.016	
339 M 100	0.6	0.020	0.21	1.21	3	23.4	0.08	0.015	
340 M 100	0.9	0.021	0.16	1.09	3	26.0	0.06	0.015	
341 K	9.5	9.3 24.9 0.097	0.07	1.96	3	24.9	0.02	0.174	
342 = 176	3.6	5.4 0.127 0.108	0.05	0.91 1.02	8	52.5 ✓	0.02	0.125 ✓	
343 = 308	3.7	5.4 0.123 ✓	0.10	1.13 ✓ 1.24	9	31.8	0.04	0.147 ✓	
344 TEST	2.4 ✓	0.132 ✓	0.71	1.01	3	36.8	0.34	0.035	

Description	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %
332 BLANK	2.89	0.368	1.830	0.445	1.93 ✓	0.053	4.45 ✓	0.173
333 K	0.43	1.115	1.375	0.480	1.88	0.157	60.20	0.143
334 M 60	3.45	0.479	12.500	1.770	5.82	0.245	9.96	0.671
335 CLAY 80	0.77	0.109	65.400	17.350	76.10	2.760	27.90	3.790
336 K	0.50	0.876	1.705	1.100	2.46	0.155	92.30	0.166
337 K	0.57	0.902	2.040	0.922	2.80	0.136	108.00	0.191
338 M 100	3.20	0.326	2.790	0.919	1.93	0.061	6.43	0.357
339 M 100	2.30	0.195	2.890	0.535	1.69	0.076	4.48	0.279
340 M 100	1.82	0.237	1.970	0.359	1.20	0.060	4.03	0.152
341 K	0.31	0.803	1.240	0.581	2.26	0.272	75.40 74.6	0.130
342 = 176	1.19	1.035	1.130	0.579 ✓	1.69 ✓	0.066 ✓	51.60 ✓	0.097 ✓
343 = 308	1.60 ✓	0.994 ✓	2.870	1.530 ✓	1.92 ✓	0.113 ✓	44.40 ✓	0.132 ✓
344 TEST	2.06 ✓	0.675	35.700 ✓	1.170	32.30 38	0.369	119.00 134	0.330

Description	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm
332 BLANK	0.250	0.031	0.058	0.059	<0.005	<0.01	0.933	0.1
333 K	0.257	0.065	0.017	0.269	0.164	0.13	0.676	0.3
334 M 60	0.980	0.050	0.178	0.132	0.008	0.02	6.270	1.0
335 CLAY 80	9.360	0.031	0.830	0.031	0.035	0.43	31.000	55.0
336 K	0.240	0.042	0.017	0.242	0.220	0.12	0.838	0.3
337 K	0.318	0.064	0.025	0.293	0.295	0.08	0.999	0.4
338 M 100	0.370	0.041	0.058	0.105	<0.005	<0.01	1.435	0.2
339 M 100	0.409	0.039	0.054	0.096	0.005	<0.01	1.500	0.2
340 M 100	0.346	0.046	0.037	0.073	<0.005	<0.01	1.030	0.1
341 K	0.210	0.037	0.014	0.208	0.148 0.159	0.09	0.622	0.3
342 = 176	0.167	0.030	0.014	0.132	0.092 ✓	0.07 ✓	0.632	0.3
343 = 308	0.302	0.077	0.026	0.131	0.102 0.187	0.09 ✓	1.585 ✓	0.6 ✓
344 TEST	1.165	0.065	0.162	0.163	0.005	0.02	60.600 ✓	2.1



Sample Description	VA20187058	VA20187058	VA20187058	VA20187058	VA20187058	VA20187058	VA20187058	VA20187058	
	ME-VEG41	ME-VEG41	ME-VEG41	ME-VEG41	ME-VEG41	ME-VEG41	ME-VEG41	ME-VEG41	
	at cm ↓	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P %	Pb ppm
332 BLANK		0.146	58.3	0.29	0.007	0.113	3.30 ✓	0.029	0.61 ✓
333 K		0.065	104.5	0.33	0.003	0.095	2.30	0.081	14.85
334 M 60		0.199	301.0	0.22	0.011	0.446	6.28	0.028	2.11
335 CLAY 80		1.295	328.0	0.05	0.025	0.182	46.20	0.048	12.50
336 K		0.075	161.5	0.37	0.008	0.075	2.65	0.068	14.20
337 K		0.088	78.6	0.52	0.007	0.109	3.29	0.058	20.90
338 M 100		0.161	90.2	0.29	0.010	0.131	3.05	0.022	0.82
339 M 100		0.142	64.3	0.23	0.013	0.132	1.48	0.029	0.97
340 M 100		0.060	15.5	0.26	0.012	0.101	1.24	0.023	0.82
341 K		0.058	160.0	0.29	0.008	0.069	2.59 ✓	0.069	8.12 8.64
342 = 176		0.129	202.0 ✓	0.30 ✓	0.011	0.059 ✓	2.03 ✓	0.079 ✓	7.52 6.76
343 = 308		0.145	165.0 ✓	0.42 ✓	0.008	0.098 0.109	3.22 ✓	0.088	12.80 12.15
344 TEST		0.183	158.5	0.38 ✓	0.010	0.515	36.50 ✓	0.063	1.88 ✓

Description	Pd ppb	Pt ppb	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm
332 BLANK	<1	2 ✗	0.20	0.001	0.20 ✓	0.05	0.30	1.060
333 K	1	2	4.49	<0.001	0.13	0.29	0.24	3.560
334 M 60	1	1	1.33	0.001	0.21	0.08	0.91	1.445
335 CLAY 80	1	3	42.90	<0.001	<0.01	0.01	8.72	0.106
336 K	1	1	5.73	0.001	0.18	0.20	0.24	2.260
337 K	1	1	4.23	<0.001	0.16	0.27	0.30	2.780
338 M 100	<1	1	0.28	0.001	0.22	0.07	0.35	1.085
339 M 100	1	1	0.30	<0.001	0.16	0.05	0.37	0.765
340 M 100	<1	<1	0.22	0.001	0.16	0.05	0.28	0.875
341 K	1 ✓	1 ✓	6.34	0.001	0.16	0.19	0.20	2.090
342 = 176	1 ✓	<del>1 ✗</del>	1.66 ✓	0.001	0.19 ✓	0.14	0.17	0.773 1.085
343 = 308	1 0	<del>1 ✗</del>	1.78 ✓	0.001	0.22 ✓	0.17	0.21	0.898 1.28
344 TEST	5 10	2 ✓	2.25	0.004	0.41	0.04	2.21	2.820

Description	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm
332 BLANK	0.04	97.90	0.006	0.02	0.281	0.003	0.015	0.124
333 K	0.61	13.55	0.004	<0.02	0.108	0.003	0.035	0.043
334 M 60	0.11	112.00	0.013	0.02	1.115	0.010	0.038	2.280
335 CLAY 80	0.33	39.80	0.001	0.02	12.950	0.077	0.228	1.075
336 K	0.49	31.20	0.004	0.02	0.101	0.002	0.036	0.044
337 K	0.74	38.80	0.005	<0.02	0.155	0.003	0.029	0.055
338 M 100	0.05	116.50	0.008	<0.02	0.329	0.004	0.016	0.195
339 M 100	0.05	82.60	0.008	<0.02	0.233	0.004	0.017	0.175
340 M 100	0.05	71.20	0.007	<0.02	0.181	0.003	0.011	0.085
341 K	0.39	14.35	0.004	<0.02	0.071	0.002	0.022	0.032
342 = 176	0.27	42.70	0.003	<0.02	0.068	0.002	0.021	0.042 ✓
343 = 308	0.38 ✓	42.50 ✓	0.003	<0.02	0.103	0.003	0.023	0.106
344 TEST	0.05	24.80	0.007	<0.02	0.900	0.012	0.085	8.120 ✓

Sample	VA20187058 ME-VEG41 at cm ↓	VA20187058 ME-VEG41 V ppm	VA20187058 ME-VEG41 W ppm	VA20187058 ME-VEG41 Y ppm	VA20187058 ME-VEG41 Zn ppm	VA20187058 ME-VEG41 Zr ppm	Inorganic top at cm depth
332	BLANK	2.26	0.01	0.615	11.9 ✓	2.14	- BLANK = 205 M WARK-1-22
333	K	1.78	0.10	0.313	115.5	0.60	- 60 beige clay
334	M 60	12.85	0.05	2.800	8.0	7.03	- 70 green-gray clay
335	CLAY 80	57.70	0.01	11.350	96.5	36.20	= " " "
336	K	2.09	0.16	0.390	95.4	0.55	- 70 green-gray clay
337	K	2.56	0.14	0.453	97.7	0.72	- 70 green-gray clay
338	M 100	3.99	0.02	0.862	10.6	2.25	- > 100
339	M 100	3.18	0.02	0.785	2.7	1.87	- > 100
340	M 100	2.23	0.02	0.604	3.1	1.23	- > 100
341	K	1.63	0.10	0.259	127.0 <sup>130</sup>	0.44	- 10 green-gray clay
342	= 176	1.43	0.08	0.236	219.0 ✓	0.46 ✓	- TEST ✓ K ⊕ WARK
343	= 308	1.98 ✓	0.08	0.614 ✓	158.5 ✓	0.96	- TEST ✓ K ⊕ WARK
344	TEST	13.55	0.08	39.000 ✓	6.7 ✓	8.08	- PGE TEST, = 933 BARTLETT M 2 T

K = Decayed vegetation 0-6 cm depth, around trees on M, sieved < 250 μm

M = Black swamp muck, no sand-silt content anywhere, sieved < 250 μm

OREAS 47 Standard in batch agreed.

Clay 335 is weak-mod. conductive over 5 cm, like water, no fitz, non-magnetic.

Muck is bit less conductive, depending on water content.

Lab duplicate of 341 agreed.

ME-VEG 41: Unashed, as submitted, 1g aliquots, HNO<sub>3</sub>/HCl-ICP/AES-MS (~aqua regia),  
by ALS Canada Ltd, North Vancouver.

## NAD 83 UTM Zone 17

## Wark Township

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

Sample #	Easting	Northing
	48 . . . .	538 . . . .

Sample #	Easting	Northing
	48 . . . .	538 . . . .

333 K	479145	8970
334 M	0956	9158
335 Clay	"	"
336 K	0973	9305
337 K	0953	9372

338 M	0801	9306
339 M	0801	9007
340 M	0616	9063
341 K	0343	9008



LOG of work done by H. DAXL, Wark Tp. Center - Supplement to 3068.

2020

- \* 13 AUG. Collect Sample 333 - 341
- 14 " Drying, plot.
- 15 " Sieving, fill vials and sachet.
- 24 " Sieving, P.O., pack, ship

2021

12 JAN. Evaluate results, annotate lists

2022

13 JAN Study drill hole report, plot, etc

22 " Make maps to scale

25 JUN Draft + UTM List

26 " Finalize report + maps + annotate.

27 " Scan, copy, file report, invoices, log, etc

10 DAYS TOTAL

- \* 1 Prospecting
- 3 Sample Prep
- 6 Report, Maps.