

We are committed to providing [accessible customer service](#).  
If you need accessible formats or communications supports, please [contact us](#).

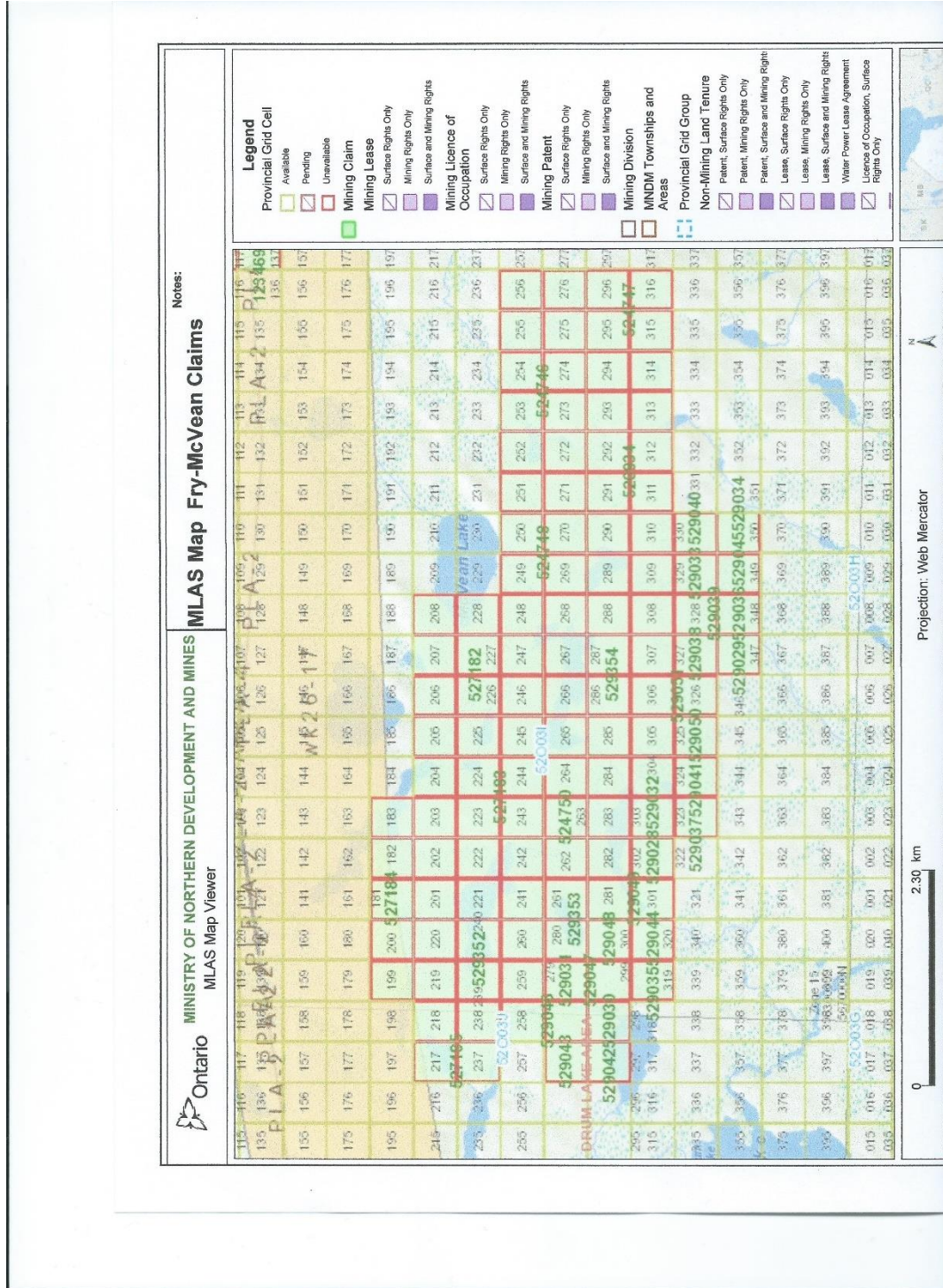
Nous tenons à améliorer [l'accessibilité des services à la clientèle](#).  
Si vous avez besoin de formats accessibles ou d'aide à la communication, veuillez [nous contacter](#).

Assessment Work Report on the Fry-McVean Claims  
Drum Twp., North-Western Ontario  
NTS 53O03 Patricia Mining Division  
**Grassroots Prospecting**

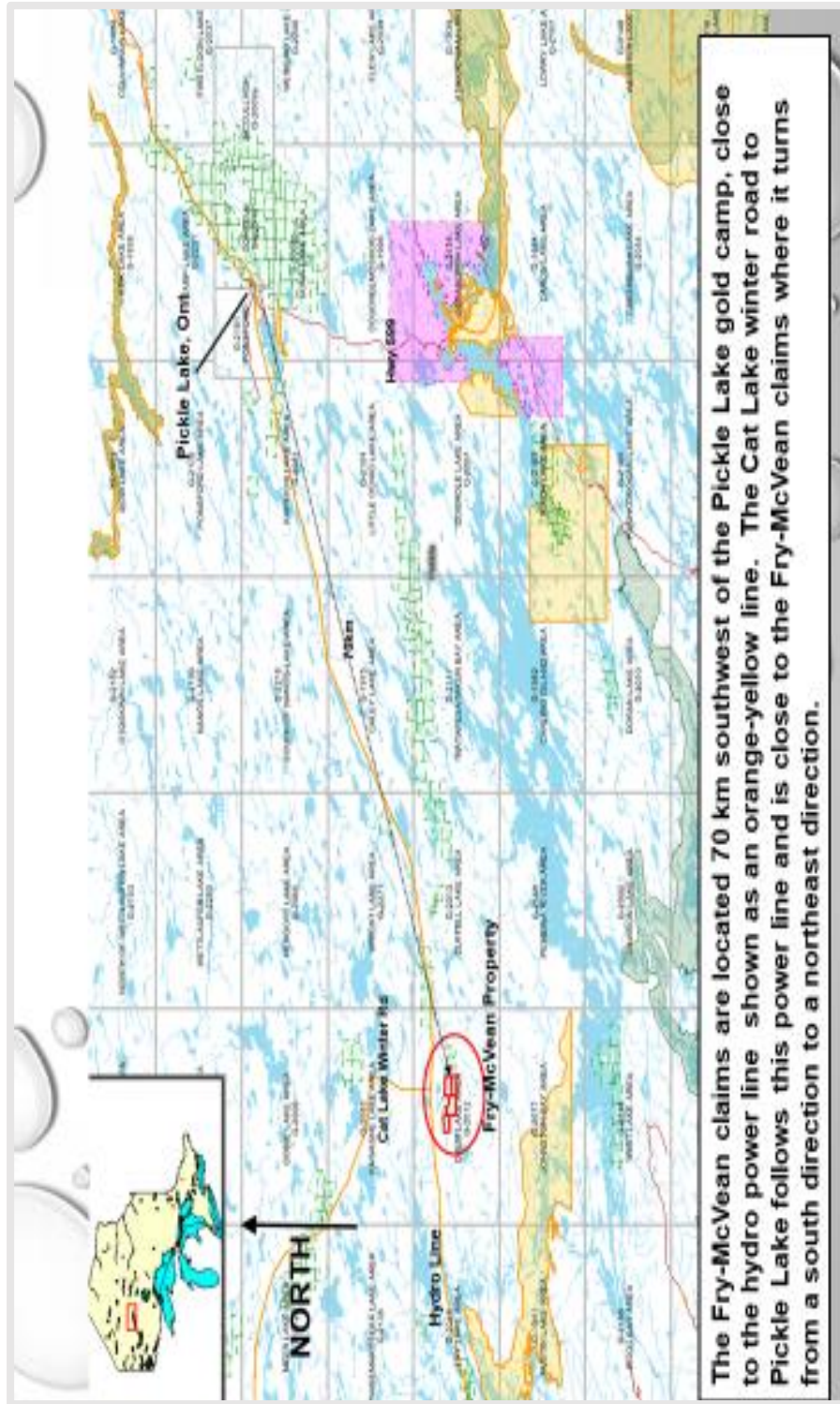
By Donald D. Brown, Ph.D., (P.Geo. Non-Practicing), Geologist

Sept 27, 2018 Revised Nov 17, 2018

# Fry-McVean Claims, 131 Units in 14 Claims, Drum Twp. Patricia Mining Division



### Regional Location Map of the Fry-McVean Claims,



The Fry-McVean claims are located 70 km southwest of the Pickle Lake gold camp, close to the hydro power line shown as an orange-yellow line. The Cat Lake winter road to Pickle Lake follows this power line and is close to the Fry-McVean claims where it turns from a south direction to a northeast direction.

## **Introduction –Grassroots Prospecting**

The Fry-McVean Claims are located in Drum Township (map page 2). The NTS Grid is 52O03. The claims consist of 131 units in 14 claims numbered as follows:

520934, 520,354, 529353, 529352, 527185, 527184, 527183, 527182, 524750, 524748, 524747, 524746 and 530564 based on my current client report. The work was performed on claims 529352, 527184 and 524750 (map page 9). The cell numbers are as follows in grid 52O03: 1219, 1220, 1201, 1202, 1238, 1239, 1240, 1221, 1222, 1258, 1259, 1260, 1241 and 1242. Donald D. Brown is the 100 % owner of the mining rights.

Access is by fixed wing aircraft from Pickle Lake, Ontario, the nearest population centre, which is located 75 km to the northeast of the claims (map page 2).

The map identifying the location of the grass roots exploration and sample plan at Linjog Lake is shown on page 7. A map showing prospecting traverses is given in the appendix as File E. Linjog Lake can be located on the MNDM Claim Map. Drum Lake is to the southwest of Linjog Lake and McVean Lake is to the northeast of Linjog Lake.

No exploration permit was required for this work.

The work was performed by Donald D. Brown, Geologist, 500 Foxview Place, Ottawa ON, K1K4C4, Client No. 300503 and Timothy Shiels, Prospector, 123 Forest Drive, Ear Falls ON.

## **Daily Log**

There were 25 samples taken including 8 rock samples and 16 glacial soil samples plus LL-01 a non-glacial soil sample. Eight (8) rock samples and 16 glacial soil samples plus LL-01 were analyzed by Actlabs, Thunder Bay. The samples and their GPS locations are given on pages 7 and 8. The full description of the samples is given in a separate attachment in landscape format. The Actlabs assay certificates and assays are also appended in landscape format.

Mobilization from Ottawa, Ontario to Pickle Lake, Ontario took place on Thursday and Friday August 2 and 3, 2018. On Saturday Aug. 4, I and Tim Shiels flew from Pickle Lake by Otter aircraft to Linjog Lake and we set up camp on the lake.

On Sunday August 5, we commenced shallow auger drilling with a 6 inch General Equipment M330H hand auger. We completed holes at sites 61-04, 61-05, 62-02, 63-02, 63-03, 64-04 and 64-06. The holes into glacial soil cover ranged in depth from 14 inches to 52 inches to bedrock. Four-pound samples were taken from the bottom 1 foot of the hole. All samples were composed of well-sorted, fine clayey-silty sand with very small pebbles. One rock sample of angular float comprised of quartz-biotite schist was sampled at 62-05. We prospected the ground while taking soil samples to determine if basal glacial till were present and if samples of basal glacial till would yield gold assays at previous sample sites where gold anomalies were detected in D. Brown's 2011 humus soil survey of the area (2011

Assessment report entitled "Humus Geochemical Survey of East Half of Fry-McVean Claims" Drum Lake Area, AFRO NO. 2.49923).

On Monday August 06, we continued auger drilling to reach and sample the glacial soil. We completed holes at sample sites 65-1/2, 65-03, 65-04, 63-3/4, 66-06, 67-06 and 68-01. The holes ranged in depth from 13 inches to 40 inches to bedrock. 4-pound samples were taken from the bottom 1 foot of the hole. All samples were well-sorted fine clayey-silty sand with few very small pebbles. We prospected in the area of sample traverses. The rest of the day was spent prospecting areas of very scarce outcrop. A sample of quartz-biotite schist float was taken at 62-05R. This sample assayed < 5 parts per billion gold.

On Tuesday August 07, we continued auger drilling to reach and sample the glacial soil cover. We completed holes at sample sites 70-3/4 and 70-1/4. The holes were at 30 - 31 inches to bedrock. Other sample sites to the east were in black muck soil and bedrock was not reached. Four pound samples were taken from the bottom 1 foot of the hole. All samples were well-sorted fine clayey-silty sand with few very small pebbles. We prospected while traversing to take soil samples. The rest of the day was spent prospecting areas of very scarce outcrop.

A mineralized showing was found at sample location LL-01 - LL-06 inclusive, near the eastern end of Linjog Lake and near the northern shoreline. The exposure is on the south side of rising ground. The rock is covered with iron oxide and is comprised of a ribbon-laminated quartz-biotite schist with quartz ribbons separated by thick biotite septa. The quartz contains superabundant fine pyrite. The laminae dip vertically and strike at 120 degrees true. The assays of the rock samples returned < 5 to 11 parts per billion (ppb) gold. The day was spent prospecting for outcrop.

Near the southern shore of Linjog Lake, rock sample LL-64 1/2 was taken under the lake in 2 feet of water. It is a white quartz vein with very fine disseminated pyrite. This rock assayed < 5 ppb gold.

About 150 m west of the sample location LL-02 -LL-06, sample LL-07 was taken. It is an altered mafic volcanic rock that is now an iron carbonate with some quartz and < 2% disseminated pyrite. The sample assayed < 5 ppb gold.

On Wednesday August 08, we took a glacial soil sample at 56-12 at a depth of 40 inches at a site where the 2011 humus soil survey gave 5ppb gold with anomalous molybdenum, arsenic, iron and bromine, all of which are gold indicator elements.. The glacial soil sample was well-sorted fine clayey-silty sand. The rest of the day was spent prospecting. That evening we arranged for our Otter aircraft to fly back to Pickle Lake.

On Thursday August 09, we flew back to Pickle Lake and drove to Ignace, Ontario. On Friday August 10, we arrived in Thunder Bay, Ontario and submitted the samples to Actlabs and returned the rental satellite phone, auger drill, Rentalex trailer and emptied my gear from the rental truck. I shipped the gear back to Ottawa Ontario by UPS and arranged for my flight back to Ottawa.

## **Grassroots Prospecting Instrument**

Rather than auger drilling the glacial soil samples with a hand auger we employed a rented gas operated 1.3 HP, 27 pound, one-man General Equipment 6 inch posthole auger Model M240H. This reduced the manual effort. The holes were to a maximum depth of 52 inches to bedrock. A foldable ruler was used to make the depth measurements.

## **Sample Plan Map Page 7**

Only two symbols are employed on the sample plan map on page 7. The locations of the glacial soil samples and sample LL-01 are shown as empty squares on the map. Rock sample locations are shown as circles. Explanatory notes are attached to the map. The Sample Location Map at Linjog Lake that is shown on page 7 is also enlarged to 24 by 18 inches and this enlarged map is attached as an appended separate PDF file to conform to the MNDM's map scale requirements. The map on page 7 is expandable on the computer screen. The claim boundaries of claims 527183 and 529352 and cell numbers on which the work was performed are shown on page 10. All of the work was performed on claim 529352 and 527183.

## **Assays and Geochemical Analyses**

The rock samples listed 62-05R, LL-02, LL-03, LL-04, LL-05, LL-06, LL-07 and LL-64-1/2 were analyzed under Actlabs Code 1A2 for fire assay of gold with AA (Atomic Adsorption) with a range of 5 to 5000 ppb Au. The Actlab assays and certificate for these samples are listed in an appended file to this report.

The rock samples from were also analyzed for trace elements under Actlabs geochemical package Code 1E2 at Ancaster ON and Thunder Bay ON. The analyses are directed to measuring the gold indicators: As and Mo. The Actlab assays and certificate for these samples are listed in an appended file to this report.

The glacial soil samples were submitted to Actlabs, Thunder Bay under Code RX-1 for sample preparation and Code 1A2 for fire assay analyses of gold with AA (Atomic Adsorption) with a range of 5 to 5000 ppb Au. The glacial soil samples were also analyzed for geochemical trace elements under Actlabs geochemical package Code 1E2. The analyses were directed toward measuring the gold indicators: As, Mo and Fe. The assays and certificates for these samples are listed in an appended file to this report.

## **Topography, Vegetation and Bedrock Exposures**

The area is covered by boreal black spruce forest with limited areas of mixed poplar on higher ground. Alder and willows grow in the more swampy areas together with spruce. The local topography is flat with local relief rising gently to as much as 20 to 30 feet above lake level. Rock exposures are scarce to rare except for some areas on the southern shore margins of Linjog Lake and Unnamed Lake. The Linjog Lake area and the Fry-McVean claims in general are covered by a thin mantle of glacial soil. In the Linjog Lake area the glacial soil where tested by auger holes is only up to 52 inches deep. The glacial soil is comprised of well-sorted fine clayey-silty sand which is a glacio-fluvial outwash deposit. The principal rock type in the Linjog Lake area is mafic volcanic (basalt) flows, some of which are

pillowed, that have in large measure been altered by hydrothermal metasomatism to ferroan dolomite (iron carbonate) rock. A shear zone is interpreted in the area of the basal till sampling.

### **Methodology**

The glacial soil samples were taken directly at sample locations where humus soil samples had previously returned anomalous gold in the 2 to 5 ppb range. These samples are reported in Donald Brown's 2011 Assessment report entitled "Humus Geochemical Survey of East Half of Fry-McVean Claims" Drum Lake Area, AFRO NO. 2.49923.

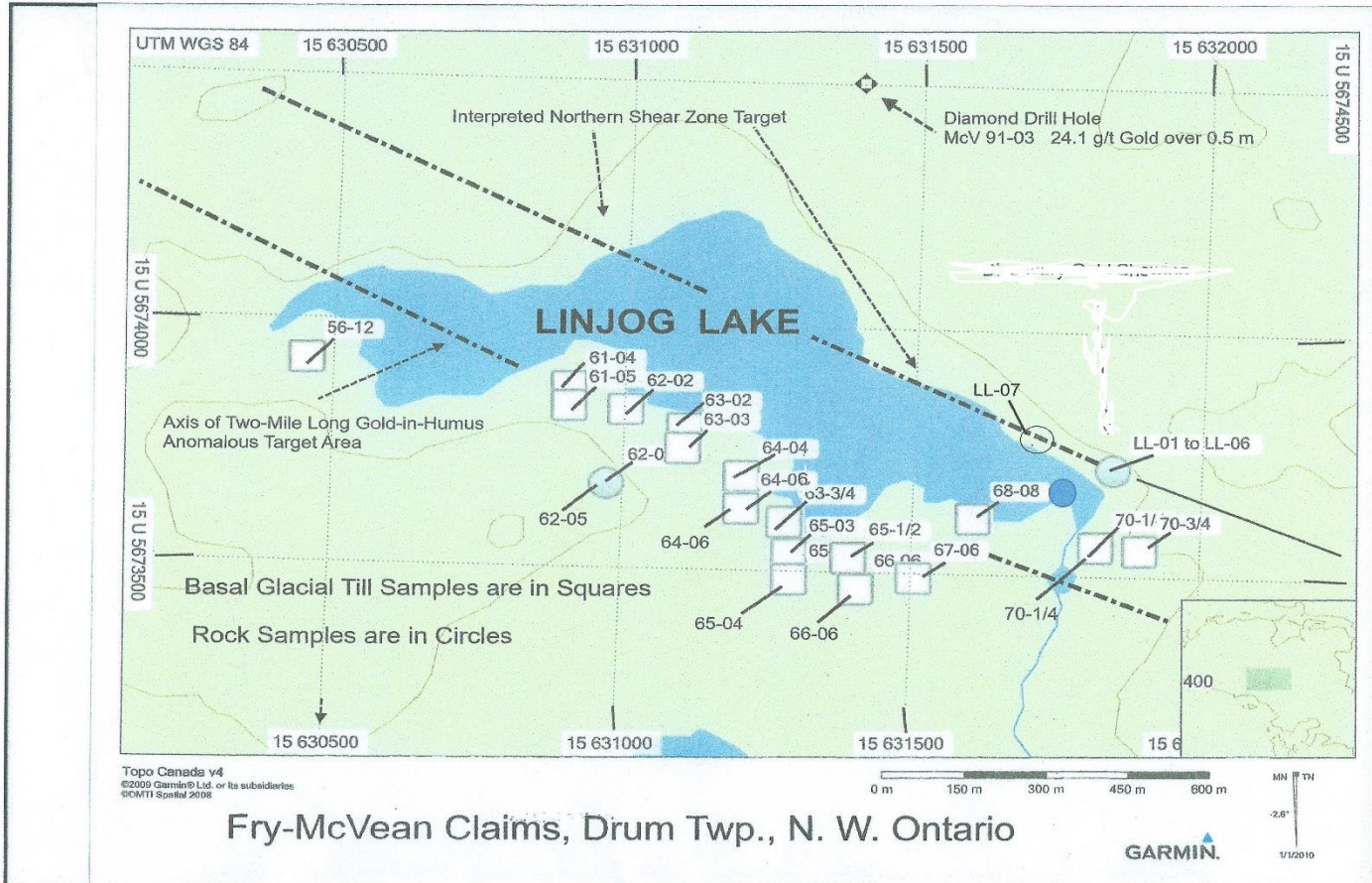


## SAMPLE PLAN MAP of LINJOG LAKE AREA

### NOTES:

On the map shown on page 7, the diamond drill hole McV91-03 shown is from Major General Resources' Assessment Report AFRO NO. OM 92-04. This report describes several diamond drill holes on their McVean Project, by David V. Mullen, 1992. On the dashed line indicating "Axis of Two-Mile Long Gold-in-Humus Anomalous Target Area", the anomalous humus sample positions and assays for this map are given in Donald D. Brown's 2011 Assessment Report entitled "Humus Geochemical Survey of East Half of Fry-McVean Claims" – 1087 samples, Drum Lake Area, AFRO NO. 2.49923. The geochemical data on the 1087 samples are tabulated in this 2011 assessment report.

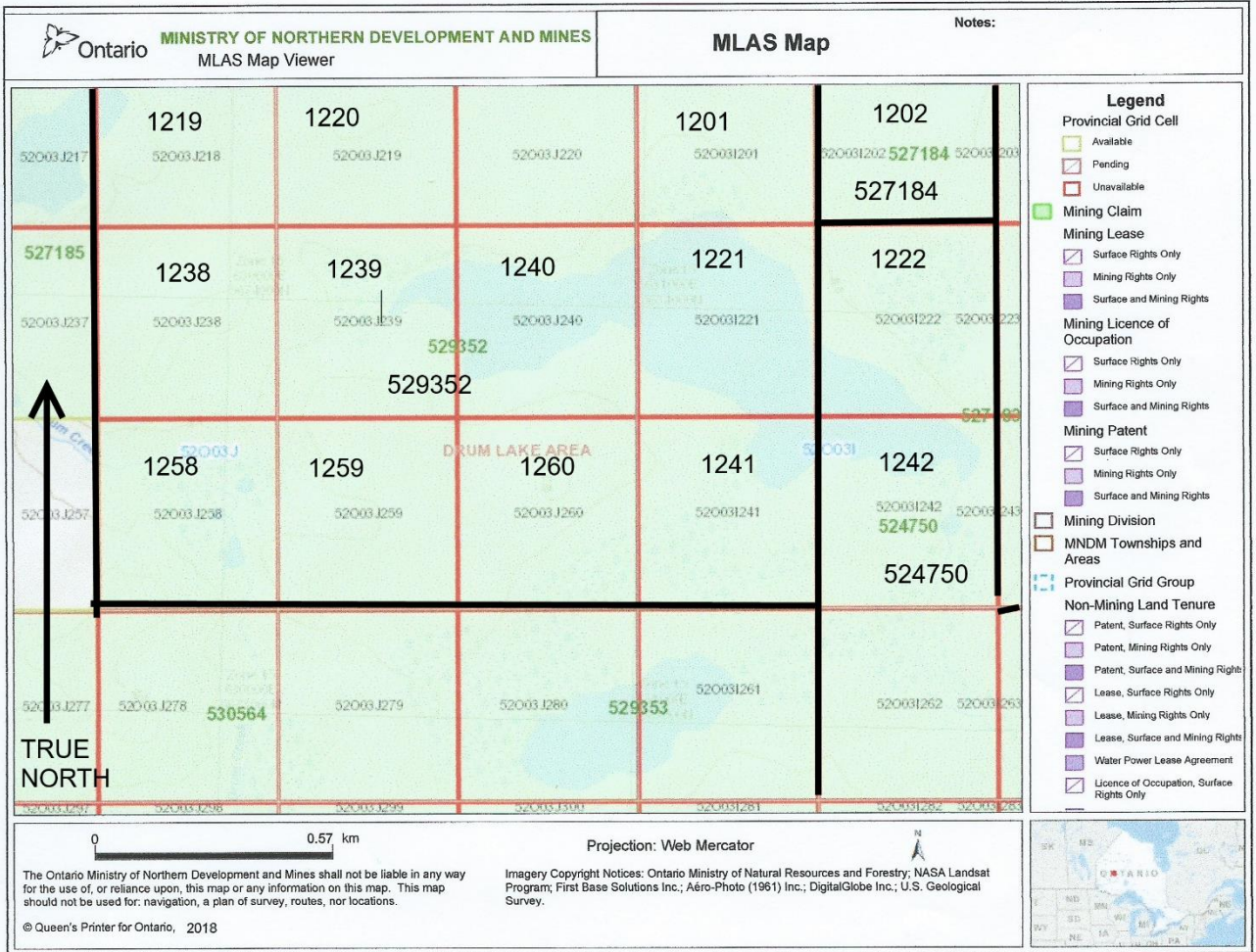
North direction is given by the UTM Grid Co-Ordinates.



North Direction is shown by UTM Co-ordinates

<b>GPS POSITIONS OF ROCK SAMPLES TAKEN BY DONALD BROWN ON THE FRY-MCVEAN CLAIMS</b>		
<b>SAMPLE NO.</b>	<b>NORTHING</b>	<b>EASTING</b>
<b>62-05R</b>	<b>5673721</b>	<b>631005</b>
<b>LL-02</b>	<b>5673717</b>	<b>631848</b>
<b>LL-03</b>	<b>5673717</b>	<b>631848</b>
<b>LL-04</b>	<b>5673717</b>	<b>631848</b>
<b>LL-05</b>	<b>5673717</b>	<b>631848</b>
<b>LL-06</b>	<b>5673717</b>	<b>631848</b>
<b>LL-641/2</b>	<b>5673925</b>	<b>630986</b>
<b>LL-07</b>	<b>5673764</b>	<b>631750</b>

<b>GPS POSITIONS OF GLACIAL SOIL SAMPLES AND LL-01 TAKEN BY DONALD BROWN ON THE FRY-MCVEAN CLAIMS</b>		
<b>SAMPLE NO.</b>	<b>NORTHING</b>	<b>EASTING</b>
LL-01	5673717	631848
56-12	5673915	630453
61-04	5673867	630905
61-05	5673834	630905
63-02	5673789	631105
63-03	5673765	631105
64-04	5673691	631205
64-06	5673625	631205
65-1/2	5673527	631355
65-03	5673516	631305
65-04	5673482	631305
63-3/4	5673559	631284
66-06	5673462	631405
67-06	5673489	632507
68-01	5673613	631607
70-3/4	5673551	631894
70-1/4	5673548	631845



FRY-McVEAN CLAIMS Work was conducted on claims 529352, 524750 and 527184 on the units shown above

<b>EXPENSES FOR WORK ON FRY-McVEAN CLAIMS Aug 02-Aug 11, 2018</b>			
<b>Category</b>	<b>Date</b>	<b>Details</b>	<b>Amount</b>
<b>Personal Transport</b>	Aug 02	Westjet Flight Ottawa to Thunder Bay	472.62
	Aug 02	Air Baggage Fee	67.80
	Aug 11	Westjet Flight Thunder Bay to Ottawa	663.59
	Aug 11	Air Baggage Fee	67.80
	Aug 02	Taxi to Ottawa Airport From Home	55.00
	Aug 04 & 10	Osnaburgh Airways Pickle Lake 4 Flights	4221.23
	Aug 10	Taxi in Thunder Bay to Airport	15.00
	Aug 11	Taxi from Ottawa Airport to Home	50.00
		<b>SUBTOTAL</b>	<b>\$5613.04</b>
<b>Contractor Prospector Tim Shields Mobilization- Demobilization</b>	August 5-7 and August 9-10	Paid By Cheque No. 781 as part of \$2700	300.00
		<b>SUBTOTAL</b>	<b>\$300.00</b>
<b>Lodging</b>	Aug 02	Northwood Motor Hotel Ignace ON	107.35
	Aug 03	Pickle Lake Hotel Pickle Lake	168.37
	Aug 09	Trading Post Motel Ignace ON	96.46
	Aug 10	Airplane Hotel Thunder Bay ON	174.26
		<b>SUBTOTAL</b>	<b>\$546.44</b>
<b>Food</b>	May 12	Independent Store Groceries Ottawa	11.48
	Aug 02	Metro Thunder Bay Groceries	293.33
	Aug 03	Northern Store Pickle Lake ON Groceries	259.01
		<b>SUBTOTAL</b>	<b>\$563.82</b>
<b>Meals</b>	Aug 02	Charlies Grill & Pizza Thunder Bay Lunch	21.00
	Aug 02	Northwood Motor Inn Ignace ON Supper	74.77
	Aug 03	Four Winds Motel Savant Lake Breakfast	29.39
	Aug 03	Pickle Lake Hotel Pickel Lk Supper	65.38
	Aug 04	Winston Motor Hotel Pickle Lk Breakfast	24.01
	Aug 09	Pickle Lake Hotel Pickle Lk Supper	48.74

	Aug 10	Upsala Restaurant Upsala ON Breakfast	20.93
	Aug 10	Airlane Hotel Thunder Bay Supper	<del>43.54</del> 24.86
	Aug 11	Tim Hortons Thunder Bay Airport Lunch	12.45
	Aug 11	Aramark Thunder Bay Airport Lunch	8.35
	Aug 11	Pearson Airport Toronto ON Supper	<del>34.47</del> 24.86
		<b>SUBTOTAL</b>	<b>\$354.74</b>

Category	Date	Details	Amount
<b>Shipping Supplies</b>	July 31	UPS Ottawa to Thunder Bay ON	860.72
	Aug 02	UPS Thunder Bay Store Holding Fee	28.25
	Aug 10	UPS Thunder Bay to Ottawa ON	593.81
		<b>SUBTOTAL</b>	<b>\$1482.78</b>
<b>PROSPECTING WAGES AT MNDM RATES</b>	Aug 05-08	Tim Shiels, Contract Prospector's Wages Paid By Cheque No. 781 \$2700.00, 4 days at \$300/day	1200.00
	Aug 05-08	Donald Brown, Wages For Prospecting 4 days at \$300/day	1200.00
		<b>SUBTOTAL</b>	<b>\$2400.00</b>
<b>Rentals And Gasoline For Rental truck</b>	Aug 02	Home Depot Thunder Bay Auger Drill Rental	422.62
	Aug 02-10	Lakehead Communications Satellite Phone	276.85
	Aug 04-09	Osnaburgh Airways Camp Equipment Rental	1130.00
	Aug 02-11	Rental of truck from Tim Shiels Cheque No 780	500.00
	Aug 02 -11	Rental of U-Haul Trailer, Cheque No 779 to Tim Shiels	101.19
	Aug 02	J &W Gas Bar Thunder Bay	114.50
	Aug 03	Petro Canada Ignace ON	80.04
	Aug 10	Petro Canada Ignace ON	80.55
	Aug 10	Canadian Tire Thunder Bay ON	77.58
		<b>SUBTOTAL</b>	<b>\$2783.33</b>

<b>Report &amp; Map</b>	<b>Sept 04-07</b>	<b>Work and Office Supplies to Produce Report &amp; Map, D.Brown, Geologist, Professional Services</b>	<b>1200.00</b>
		<b>SUBTOTAL</b>	<b>\$1200.00</b>
<b>Category</b>	<b>Date</b>	<b>Details</b>	<b>Amount</b>
<b>Supplies</b>	<b>March 21</b>	<b>Amazon Canada Rite-in-Rain Field Paper</b>	<b>31.52</b>
	<b>March 22</b>	<b>Dollarama Ottawa Twist Ties and Tape</b>	<b>5.65</b>
	<b>April 02</b>	<b>Dollarama Ottawa Varied Camp Supplies</b>	<b>24.01</b>
	<b>April 17</b>	<b>Staples Ottawa AA Batteries</b>	<b>17.88</b>
	<b>May 03</b>	<b>Staples Ottawa Box and Clear Packing Tape</b>	<b>28.42</b>
	<b>May 05</b>	<b>Dymon Ottawa ON Shipping Boxes</b>	<b>19.76</b>
	<b>May 09</b>	<b>Dollarama Ottawa Duct Tape to Reinforce Boxes</b>	<b>5.71</b>
	<b>June 06</b>	<b>Dollarama Ottawa Rope AAA Batteries</b>	<b>5.65</b>
	<b>July 03</b>	<b>Staples Ottawa Laminate Maps</b>	<b>41.13</b>
	<b>July 20</b>	<b>Dollarama Ottawa Gloves for Soil Sampling &amp; Bags</b>	<b>5.71</b>
	<b>July 23</b>	<b>Dollarama Ottawa Sandwich Bags &amp; Wax Paper</b>	<b>5.16</b>
	<b>June 27</b>	<b>UPS Store Ottawa Laminate Field Maps</b>	<b>12.43</b>
	<b>July 23</b>	<b>Deakin Industries Vancouver Sample Bags</b>	<b>65.48</b>
	<b>Aug 02</b>	<b>Canadian Tire Thunder Bay Propane, Mosquito Coils</b>	<b>61.59</b>
	<b>Aug 02</b>	<b>Home Depot Thunder Bay Spikes for Camp Dock</b>	<b>40.39</b>
	<b>Aug 10</b>	<b>Home Depot Thunder bay Sample Pail Lids and Duct Tape for Shipping Pails</b>	<b>20.25</b>
		<b>SUBTOTAL</b>	<b>\$390.74</b>
<b>Shipping Samples</b>	<b>Aug 21</b>	<b>UPS Ottawa to Actlabs Thunder Bay</b>	<b>87.67</b>
		<b>SUBTOTAL</b>	<b>\$87.67</b>
<b>Assays at ACTLABS</b>	<b>Sept 07</b>	<b>Rock Sample Assays</b>	<b>310.02</b>
	<b>Sept 10</b>	<b>Glacial Soil Sample Assays</b>	<b>568.73</b>
	<b>Sept 13</b>	<b>Glacial Soil Sample Assays</b>	<b>121.87</b>

	Sept 13	Glacial Soil Sample Assays ACTLABS	121.87
		<b>SUBTOTAL</b>	<b>\$1000.00</b>
<b>Mail And Photo-scanning</b>	Sept 10	Canada Post registered Mail to P. Johnson	11.30
	Sept 25	UPS Photo-scanning of Receipts and Assay Reports	22.66
	Sept 24	UPS Scanning of Act labs Assays	7.91
		<b>SUBTOTAL</b>	<b>\$41.87</b>
<b>END of EXPENSES</b>		<b>GRAND TOTAL</b>	<b>\$16, 764.43</b>
		<b>With \$2400.00 for Doubling of Prospector's Wages GRAND TOTAL \$ 19,164.43</b>	

## APPENDIX CONTENTS

- A File showing Actlabs assay certificates and assays is appended to this report as File A
- A file showing a 24 X 18 inch Sample Plan Map at Linjog Lake in PDF Format is appended to this report as File B
- A file listing both the GPS Positions and Assays of Rock and Soil Samples With Descriptions is appended to this report as File C
- A file listing all expense receipts is appended to this report as File D



- **Four files showing prospecting traverse lines at Linjog Lake as Files E-1, E-2, E-3 and E-4**

**END of REPORT**

**Donald D. Brown**

**Revised Report November 17, 2018**

# **Actlabs Assay Certificates and Assays**

Quality Analysis ...



Innovative Technologies

Date Submitted: 10-Aug-18  
Invoice No.: A18-10727  
Invoice Date: 12-Sep-18  
Your Reference:

Donald Brown  
500 Foxview Place  
Ottawa Ontario K1K 4C4  
Canada

ATTN: Donald Brown

## CERTIFICATE OF ANALYSIS

14 Till samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Tbay Au - Fire Assay AA (QOP Fire Assay Tbay)

Code 1E3-Tbay Aqua Regia ICP(AQUAGEO)

REPORT      A18-10727      C

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:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is stylized and somewhat cursive, with a large initial "E".

Emmanuel Esemé, Ph.D.  
Quality Control

ACTIVATION LABORATORIES LTD.  
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6  
TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Results

Activation Laboratories Ltd.

Report: A18-10727

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
63-03	< 0.2	< 0.5	9	156	< 1	10	3	15	0.66	< 2	< 10	27	< 0.5	< 2	2.10	4	21	1.21	< 10	< 1	0.06	25	0.81
65-03	< 0.2	< 0.5	6	103	< 1	10	5	14	0.96	< 2	< 10	20	< 0.5	< 2	0.39	5	22	1.28	< 10	< 1	0.03	16	0.19
62-02	< 0.2	< 0.5	11	180	< 1	8	3	15	0.46	< 2	< 10	23	< 0.5	< 2	4.74	9	17	1.01	< 10	< 1	0.07	15	1.48
64-06	< 0.2	< 0.5	6	100	< 1	12	7	16	1.49	< 2	< 10	33	< 0.5	< 2	0.25	6	26	2.28	< 10	< 1	0.04	13	0.23
L65-1/2	< 0.2	< 0.5	6	130	1	10	3	16	0.83	< 2	< 10	29	< 0.5	< 2	0.34	5	23	1.40	< 10	< 1	0.04	20	0.23
70-7	< 0.2	< 0.5	11	155	< 1	14	3	16	0.77	< 2	< 10	32	< 0.5	< 2	0.43	6	23	1.36	< 10	< 1	0.06	17	0.29
66-06	< 0.2	< 0.5	5	114	1	8	5	15	0.74	< 2	< 10	19	< 0.5	< 2	0.31	5	19	1.22	< 10	< 1	0.04	15	0.16
65-04	< 0.2	< 0.5	35	194	< 1	20	2	26	0.94	2	< 10	38	< 0.5	< 2	1.13	8	37	1.74	< 10	< 1	0.07	19	0.56
LL-01	< 0.2	< 0.5	40	160	< 1	25	5	37	1.71	11	< 10	59	< 0.5	< 2	0.28	16	30	6.35	< 10	1	0.07	< 10	0.68
L63-3/4	< 0.2	< 0.5	4	49	1	3	8	7	0.60	< 2	< 10	24	< 0.5	< 2	0.11	1	12	0.80	< 10	< 1	0.02	11	0.08
61-04	< 0.2	< 0.5	10	175	< 1	13	3	20	0.69	< 2	< 10	32	< 0.5	< 2	3.29	5	23	1.29	< 10	< 1	0.06	18	1.25
67-06	< 0.2	< 0.5	6	116	< 1	10	3	15	0.69	< 2	< 10	21	< 0.5	< 2	0.39	5	20	1.16	< 10	< 1	0.03	15	0.26
701/4-4.5	< 0.2	< 0.5	11	112	< 1	12	4	19	1.32	< 2	< 10	31	< 0.5	< 2	0.24	7	25	1.80	< 10	< 1	0.04	12	0.27
68-01	< 0.2	< 0.5	15	145	< 1	15	4	20	0.89	< 2	< 10	34	< 0.5	< 2	0.72	7	26	1.23	< 10	< 1	0.05	27	0.43

Results

Activation Laboratories Ltd.

Report: A18-10727

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Tl	Th	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	5
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-AA
63-03	0.037	0.065	0.01	< 2	3	28	0.11	< 20	< 1	< 2	< 10	27	< 10	8	3	< 5
65-03	0.033	0.057	< 0.01	< 2	3	20	0.11	< 20	< 1	< 2	< 10	27	< 10	7	5	< 5
62-02	0.036	0.061	< 0.01	< 2	2	38	0.10	< 20	< 1	< 2	< 10	23	< 10	6	4	< 5
64-06	0.026	0.021	0.01	< 2	3	16	0.18	< 20	4	< 2	< 10	56	< 10	4	6	< 5
L65-1/2	0.035	0.033	< 0.01	< 2	3	21	0.14	< 20	< 1	< 2	< 10	31	< 10	7	7	< 5
70-7	0.039	0.057	< 0.01	< 2	3	21	0.12	< 20	2	< 2	< 10	32	< 10	7	4	< 5
66-06	0.027	0.051	< 0.01	< 2	2	16	0.12	< 20	< 1	< 2	< 10	29	< 10	6	6	< 5
65-04	0.060	0.046	< 0.01	< 2	3	26	0.13	< 20	< 1	< 2	< 10	34	< 10	7	4	< 5
LL-01	0.133	0.025	0.41	4	5	26	0.17	< 20	< 1	< 2	< 10	94	< 10	3	6	< 5
L63-3/4	0.022	0.010	0.01	< 2	1	13	0.18	< 20	2	< 2	< 10	55	< 10	2	6	< 5
61-04	0.037	0.055	< 0.01	< 2	3	32	0.12	< 20	< 1	< 2	< 10	29	< 10	6	4	6
67-06	0.035	0.056	< 0.01	< 2	2	19	0.12	< 20	3	< 2	< 10	27	< 10	6	4	< 5
701/4-4.5	0.028	0.023	0.01	< 2	3	15	0.14	< 20	2	< 2	< 10	43	< 10	4	7	6
68-01	0.039	0.065	< 0.01	< 2	3	24	0.13	< 20	< 1	< 2	< 10	30	< 10	8	3	6

QC

Activation Laboratories Ltd.

Report: A18-10727

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%	
Lower Limit	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	0.01	
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	
OREAS 904 (Aqua Regia) Meas	0.3	< 0.5	6250	428	2	39	8	24	1.96	90		73	7.3	< 2	0.05	91	26	6.29	< 10		0.90	42	0.22	
OREAS 904 (Aqua Regia) Cert	0.366	0.0580	6300	410	2.02	36.6	8.49	22.4	1.25	91.0		68.0	6.54	3.74	0.0404	82.0	17.5	6.40	3.40		0.603	33.9	0.143	
OREAS 904 (Aqua Regia) Meas	0.3	< 0.5	6420	443	2	38	9	25	2.05	93		75	7.5	< 2	0.05	94	28	6.47	< 10		0.93	42	0.23	
OREAS 904 (Aqua Regia) Cert	0.366	0.0580	6300	410	2.02	36.6	8.49	22.4	1.25	91.0		68.0	6.54	3.74	0.0404	82.0	17.5	6.40	3.40		0.603	33.9	0.143	
OREAS 922 (AQUA REGIA) Meas	0.8	< 0.5	2280	750	< 1	40	63	268	2.96	5		78	0.8	8	0.42	19	48	5.21	< 10		0.48	40	1.40	
OREAS 922 (AQUA REGIA) Cert	0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5	1.33	
OREAS 922 (AQUA REGIA) Meas	0.7	< 0.5	2260	748	< 1	36	62	268	2.98	3		57	0.8	4	0.42	20	48	5.21	< 10		0.47	40	1.40	
OREAS 922 (AQUA REGIA) Cert	0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5	1.33	
OREAS 923 (AQUA REGIA) Meas	1.7	< 0.5	4490	855	< 1	36	86	342	3.02	6		63	0.7	14	0.43	22	45	6.05	< 10		0.42	37	1.50	
OREAS 923 (AQUA REGIA) Cert	1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0	1.43	
OREAS 923 (AQUA REGIA) Meas	1.5	< 0.5	4500	854	< 1	36	78	344	3.00	8		39	0.7	18	0.43	22	44	6.08	< 10		0.41	37	1.51	
OREAS 923 (AQUA REGIA) Cert	1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0	1.43	
OREAS 520 (Aqua Regia) Meas			3020	2000	55	76	5	20	1.54	147			0.6	< 2	3.40	174	34	15.9	10		0.47	72	1.15	
OREAS 520 (Aqua Regia) Cert			2960	2280	62.0	73.0	5.22	20.7	1.56	152			0.540	2.90	3.84	196	37.4	15.74	13.7		0.506	83.0	1.14	
OREAS 520 (Aqua Regia) Meas			2910	1960	55	73	4	22	1.51	133			0.5	< 2	3.44	175	35	15.7	10		0.47	69	1.13	
OREAS 520 (Aqua Regia) Cert			2960	2280	62.0	73.0	5.22	20.7	1.56	152			0.540	2.90	3.84	196	37.4	15.74	13.7		0.506	83.0	1.14	
OREAS 217 (Fire Assay) Meas																								
OREAS 217 (Fire Assay) Cert																								
OREAS 621 (Aqua	68.1	292	3720	542	15	27	> 5000	> 10000	1.82	76			0.6	< 2	1.43	30	32	3.49	10		4	0.37	20	0.47

QC

Activation Laboratories Ltd.

Report: A18-10727

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Regia) Meas																							
Oreas 621 (Aqua Regia) Cert	68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4	0.436
Oreas 621 (Aqua Regia) Meas	61.6	289	3670	539	12	29	> 5000	> 10000	1.85	72			0.6	3	1.74	30	32	3.55	10	4	0.38	19	0.47
Oreas 621 (Aqua Regia) Cert	68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4	0.436
64-06 Orig																							
67-06 Orig	< 0.2	< 0.5	6	117	< 1	11	2	16	0.69	< 2	< 10	21	< 0.5	< 2	0.39	5	20	1.16	< 10	< 1	0.03	14	0.26
67-06 Dup	< 0.2	< 0.5	6	116	< 1	10	3	15	0.69	< 2	< 10	21	< 0.5	< 2	0.38	5	20	1.16	< 10	< 1	0.03	16	0.26
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01

QC

Activation Laboratories Ltd.

Report: A18-10727

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	5
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-AA
OREAS 904 (Aqua Regia) Meas		0.096	0.04	3	5	19		< 20		< 2	< 10	33			19	
OREAS 904 (Aqua Regia) Cert		0.0950	0.0340	0.780	3.83	16.5		7.56		0.150	5.20	21.7			17.2	
OREAS 904 (Aqua Regia) Meas		0.099	0.04	2	5	19		< 20		< 2	< 10	34			20	
OREAS 904 (Aqua Regia) Cert		0.0950	0.0340	0.780	3.83	16.5		7.56		0.150	5.20	21.7			17.2	
OREAS 922 (AQUA REGIA) Meas	0.033	0.064	0.38	4	4	16		< 20		< 2	< 10	36	< 10		22	33
OREAS 922 (AQUA REGIA) Cert	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12		16.0	22.3
OREAS 922 (AQUA REGIA) Meas	0.035	0.062	0.38	< 2	4	16		< 20		< 2	< 10	35	< 10		22	9
OREAS 922 (AQUA REGIA) Cert	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12		16.0	22.3
OREAS 923 (AQUA REGIA) Meas		0.062	0.70	< 2	4	15		< 20		< 2	< 10	35	< 10		21	34
OREAS 923 (AQUA REGIA) Cert		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96		14.3	22.5
OREAS 923 (AQUA REGIA) Meas		0.060	0.70	3	4	14		< 20		< 2	< 10	35	< 10		20	20
OREAS 923 (AQUA REGIA) Cert		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96		14.3	22.5
OREAS 520 (Aqua Regia) Meas	0.071	0.071	0.91	5	12	30	0.16	< 20	< 1	< 2	13	227	25		13	37
OREAS 520 (Aqua Regia) Cert	0.0520	0.0740	1.03	1.97	11.8	36.0	0.135	8.03	0.33	0.0900	14.9	247	29.6		14.3	28.0
OREAS 520 (Aqua Regia) Meas	0.071	0.069	0.90	5	11	26	0.14	< 20	< 1	< 2	13	225	20		13	27
OREAS 520 (Aqua Regia) Cert	0.0520	0.0740	1.03	1.97	11.8	36.0	0.135	8.03	0.33	0.0900	14.9	247	29.6		14.3	28.0
OREAS 217 (Fire Assay) Meas																333
OREAS 217 (Fire Assay) Cert																338
Oreas 621 (Aqua	0.193	0.032	4.58	122	3	17		< 20		< 2	< 10	13	< 10		8	42



QC

Activation Laboratories Ltd.

Report: A18-10727

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	5
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-AA
Regia Meas																
Oreas 621 (Aqua Regia) Cert	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.83	10.9	1.00	6.87	55.0	
Oreas 621 (Aqua Regia) Meas	0.200	0.031	4.49	77	3	16		< 20		< 2	< 10	13	< 10	8	21	
Oreas 621 (Aqua Regia) Cert	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0	
64-06 Orig																< 5
67-06 Orig	0.035	0.057	< 0.01	< 2	2	19	0.11	< 20	2	< 2	< 10	26	< 10	6	4	
67-06 Dup	0.035	0.055	< 0.01	< 2	2	19	0.12	< 20	3	< 2	< 10	27	< 10	6	4	
Method Blank	0.013	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	0.014	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	0.013	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	0.014	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank																< 5



Date Submitted: 10-Aug-18  
Invoice No.: A18-10725  
Invoice Date: 10-Sep-18  
Your Reference: Fry-McVean

Donald Brown  
500 Foxview Place  
Ottawa Ontario K1K 4C4  
Canada

ATTN: Donald Brown

## CERTIFICATE OF ANALYSIS

8 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Tbay Au - Fire Assay AA (QOP Fire Assay Tbay)

Code 1E3-Tbay Aqua Regia ICP(AQUAGEO)

REPORT      **A18-10725**

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:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Elitsa Hrischeva". The signature is written in a cursive style and is positioned above a horizontal line.

Elitsa Hrischeva, Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6  
TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Results

Activation Laboratories Ltd.

Report: A18-10725

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
62-05R	< 5																						
LL-02	10	< 0.2	< 0.5	147	591	< 1	87	< 2	81	3.66	5	< 10	< 10	< 0.5	< 2	2.19	51	32	9.41	10	1	0.05	< 10
LL-03	< 5	< 0.2	< 0.5	62	514	< 1	27	< 2	106	3.02	19	< 10	45	< 0.5	< 2	1.17	12	35	11.0	10	1	0.11	< 10
LL-04	11	< 0.2	0.5	113	552	< 1	75	< 2	55	3.57	13	< 10	< 10	< 0.5	< 2	2.13	55	30	10.7	10	< 1	0.08	< 10
LL-04-04	10																						
LL 64 1/2	< 5																						
LL-07	< 5																						
LL-05	< 5																						

QC

Activation Laboratories Ltd.

Report: A18-10725

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
OREAS 904 (Aqua Regia) Meas		0.3	< 0.5	6250	428	2	39	8	24	1.96	90		73	7.3	< 2	0.05	91	26	6.29	< 10		0.90	42
OREAS 904 (Aqua Regia) Cert		0.366	0.0580	6300	410	2.02	36.6	8.49	22.4	1.25	91.0		68.0	6.54	3.74	0.0404	82.0	17.5	6.40	3.40		0.603	33.9
OREAS 904 (Aqua Regia) Meas		0.3	< 0.5	6420	443	2	38	9	25	2.05	93		75	7.5	< 2	0.05	94	28	6.47	< 10		0.93	42
OREAS 904 (Aqua Regia) Cert		0.366	0.0580	6300	410	2.02	36.6	8.49	22.4	1.25	91.0		68.0	6.54	3.74	0.0404	82.0	17.5	6.40	3.40		0.603	33.9
OREAS 922 (AQUA REGIA) Meas		0.8	< 0.5	2280	750	< 1	40	63	268	2.96	5		78	0.8	8	0.42	19	48	5.21	< 10		0.48	40
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 922 (AQUA REGIA) Meas		0.7	< 0.5	2260	748	< 1	36	62	269	2.98	3		57	0.8	4	0.42	20	48	5.21	< 10		0.47	40
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 923 (AQUA REGIA) Meas		1.7	< 0.5	4490	855	< 1	36	86	342	3.02	6		63	0.7	14	0.43	22	45	6.05	< 10		0.42	37
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 923 (AQUA REGIA) Meas		1.5	< 0.5	4500	854	< 1	36	78	344	3.00	8		39	0.7	18	0.43	22	44	6.08	< 10		0.41	37
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 520 (Aqua Regia) Meas				3020	2000	55	76	5	20	1.54	147			0.6	< 2	3.40	174	34	15.9	10		0.47	72
OREAS 520 (Aqua Regia) Cert				2960	2280	62.0	73.0	5.22	20.7	1.56	152			0.540	2.90	3.84	196	37.4	15.74	13.7		0.506	83.0
OREAS 520 (Aqua Regia) Meas				2910	1960	55	73	4	22	1.51	133			0.5	< 2	3.44	175	35	15.7	10		0.47	69
OREAS 520 (Aqua Regia) Cert				2960	2280	62.0	73.0	5.22	20.7	1.56	152			0.540	2.90	3.84	196	37.4	15.74	13.7		0.506	83.0
OREAS 217 (Fire Assay) Meas	327																						
OREAS 217 (Fire Assay) Cert	338																						
Oreas 621 (Aqua		68.1	292	3720	542	15	27	> 5000	> 10000	1.82	76			0.6	< 2	1.43	30	32	3.49	10	4	0.37	20

Results

Activation Laboratories Ltd.

Report: A18-10725

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Ta	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
62-05R																
LL-02	1.57	0.355	0.026	4.74	3	21	56	0.19	< 20	< 1	< 2	< 10	158	< 10	11	4
LL-03	1.93	0.281	0.030	0.55	3	18	39	0.19	< 20	< 1	< 2	< 10	177	< 10	8	5
LL-04	1.41	0.431	0.026	5.67	3	19	55	0.22	< 20	< 1	< 2	< 10	153	< 10	10	5
LL-04-04																
LL 64 1/2																
LL-07																
LL-05																

QC

Activation Laboratories Ltd.

Report: A18-10725

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Regia) Meas																							
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
Oreas 621 (Aqua Regia) Meas		61.6	289	3670	539	12	29	> 5000	> 10000	1.85	72			0.6	3	1.74	30	32	3.55	10	4	0.38	19
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
62-05R Orig	< 5																						
62-05R Dup	< 5																						
LL-05 Orig	< 5																						
LL-05 Dup	5																						
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank	< 5																						
Method Blank	< 5																						

QC

Activation Laboratories Ltd.

Report: A18-10725

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Tl	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
OREAS 904 (Aqua Regia) Meas	0.22		0.096	0.04	3	5	19		< 20		< 2	< 10	33			19
OREAS 904 (Aqua Regia) Cert	0.143		0.0950	0.0340	0.780	3.83	16.5		7.56		0.150	5.20	21.7			17.2
OREAS 904 (Aqua Regia) Meas	0.23		0.099	0.04	2	5	19		< 20		< 2	< 10	34			20
OREAS 904 (Aqua Regia) Cert	0.143		0.0950	0.0340	0.780	3.83	16.5		7.56		0.150	5.20	21.7			17.2
OREAS 922 (AQUA REGIA) Meas	1.40	0.093	0.064	0.38	4	4	16		< 20		< 2	< 10	36	< 10	22	33
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas	1.40	0.035	0.062	0.38	< 2	4	16		< 20		< 2	< 10	35	< 10	22	9
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 923 (AQUA REGIA) Meas	1.50		0.062	0.70	< 2	4	15		< 20		< 2	< 10	35	< 10	21	34
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 923 (AQUA REGIA) Meas	1.61		0.060	0.70	3	4	14		< 20		< 2	< 10	35	< 10	20	20
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 520 (Aqua Regia) Meas	1.15	0.071	0.071	0.91	5	12	30	0.16	< 20	< 1	< 2	13	227	25	13	37
OREAS 520 (Aqua Regia) Cert	1.14	0.0520	0.0740	1.03	1.97	11.8	36.0	0.135	8.03	0.33	0.0900	14.9	247	29.6	14.3	28.0
OREAS 520 (Aqua Regia) Meas	1.13	0.071	0.069	0.90	5	11	26	0.14	< 20	< 1	< 2	13	225	20	13	27
OREAS 520 (Aqua Regia) Cert	1.14	0.0520	0.0740	1.03	1.97	11.8	36.0	0.135	8.03	0.33	0.0900	14.9	247	29.6	14.3	28.0
OREAS 217 (Fire Assay) Meas																
OREAS 217 (Fire Assay) Cert																
Oreas 621 (Aqua	0.47	0.193	0.032	4.58	122	3	17		< 20		< 2	< 10	13	< 10	8	42

QC

Activation Laboratories Ltd.

Report: A18-10725

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Regia) Meas																
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
Oreas 621 (Aqua Regia) Meas	0.47	0.200	0.031	4.49	77	3	16		< 20		< 2	< 10	13	< 10	8	21
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
62-05R Orig																
62-05R Dup																
LL-05 Orig																
LL-05 Dup																
Method Blank	< 0.01	0.013	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.014	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.013	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.014	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank																
Method Blank																





Date Submitted: 24-Aug-18  
Invoice No.: A18-11560  
Invoice Date: 17-Sep-18  
Your Reference: Fry-McVean

Donald Brown  
500 Foxview Place  
Ottawa Ontario K1K 4C4  
Canada

ATTN: Donald Brown

## CERTIFICATE OF ANALYSIS

3 Soil samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Tbay Au - Fire Assay AA (QOP Fire Assay Tbay)

Code 1E3-Tbay Aqua Regia ICP(AQUAGEO)

REPORT      **A18-11560**

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:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive, somewhat stylized font.

Emmanuel Esemé, Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6  
TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Results

Activation Laboratories Ltd.

Report: A18-11560

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
56-12	< 5	0.5	< 0.5	113	334	< 1	42	2	155	1.84	6	< 10	75	< 0.5	< 2	0.47	14	125	7.09	< 10	< 1	0.38	< 10
61-05	< 5	< 0.2	< 0.5	10	158	< 1	10	3	17	0.58	3	< 10	30	< 0.5	< 2	3.52	4	20	1.18	< 10	< 1	0.07	15
63-02	< 5	< 0.2	< 0.5	4	147	< 1	10	< 2	17	0.77	< 2	< 10	30	< 0.5	< 2	0.73	4	20	1.20	< 10	< 1	0.06	23

Results

Activation Laboratories Ltd.

Report: A18-11560

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
56-12	0.64	0.148	0.022	0.68	4	10	40	0.08	< 20	1	< 2	< 10	144	< 10	5	5
61-05	1.35	0.036	0.069	< 0.01	< 2	2	33	0.12	< 20	< 1	< 2	< 10	26	< 10	6	4
63-02	0.35	0.033	0.072	< 0.01	< 2	3	24	0.13	< 20	< 1	< 2	< 10	27	< 10	8	3

QC

Activation Laboratories Ltd.

Report: A18-11560

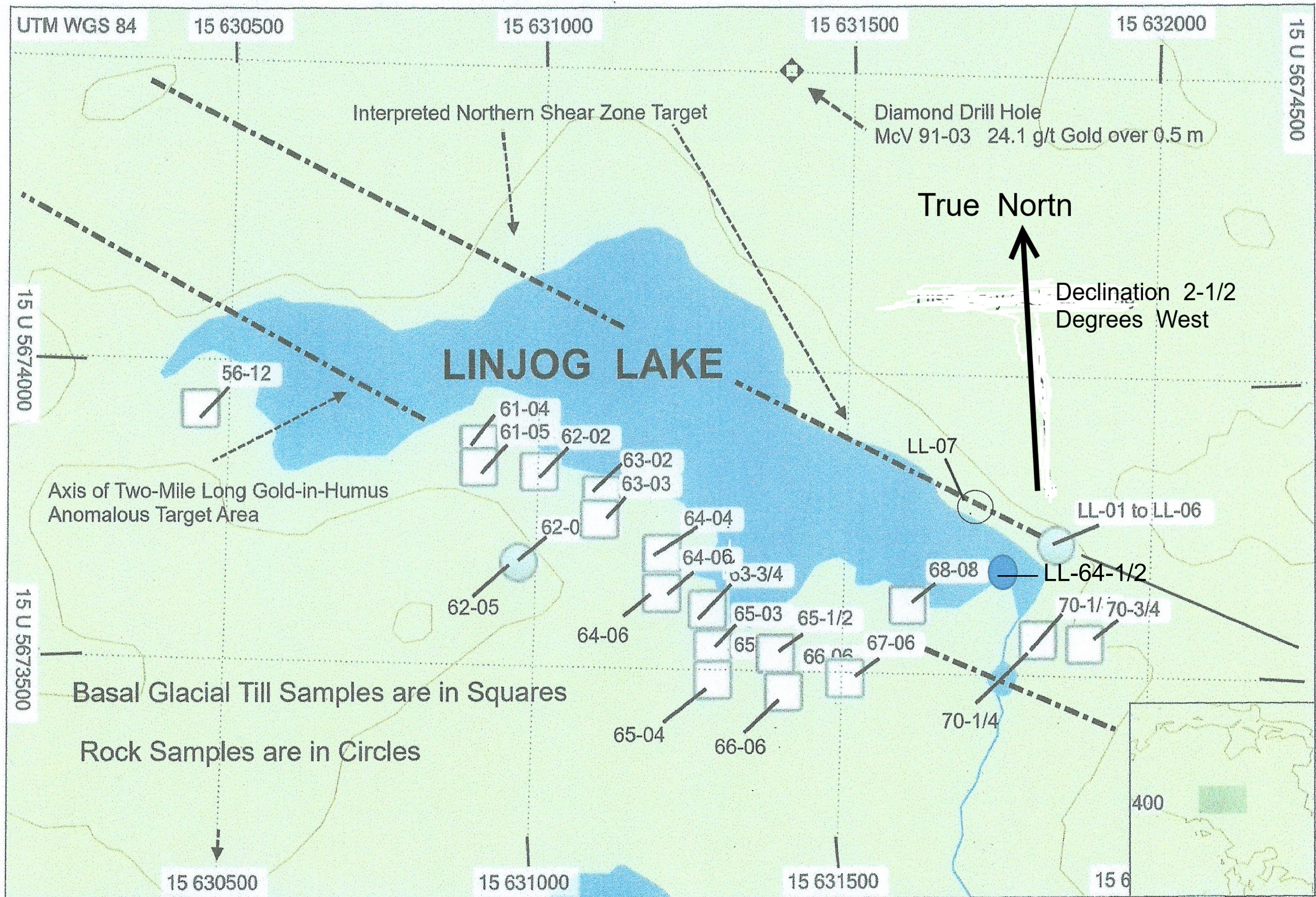
Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
OREAS 904 (Aqua Regia) Meas		0.3	< 0.5	6280	441	2	37	10	26	1.97	93		80	7.6	< 2	0.05	79	24	6.50	< 10		0.96	40
OREAS 904 (Aqua Regia) Cert		0.366	0.0580	6300	410	2.02	36.6	8.49	22.4	1.25	91.0		68.0	6.54	3.74	0.0404	82.0	17.5	6.40	3.40		0.603	33.9
OREAS 922 (AQUA REGIA) Meas		0.9	< 0.5	2280	744	< 1	37	62	279	3.03	4		83	0.8	4	0.41	17	44	5.32	< 10		0.51	38
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 923 (AQUA REGIA) Meas		1.6	0.5	4500	850	< 1	33	90	365	3.02	7		66	0.7	14	0.41	19	40	6.14	< 10		0.43	34
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 217 (Fire Assay) Meas	336																						
OREAS 217 (Fire Assay) Cert	338																						
Oreas 621 (Aqua Regia) Meas		66.1	296	3710	526	14	25	> 5000	> 10000	1.85	76			0.6	9	1.69	26	28	3.55	10	3	0.40	19
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
OREAS 215 (Fire Assay) Meas	3420																						
OREAS 215 (Fire Assay) Cert	3540																						
56-12 Orig	< 5																						
56-12 Dup	< 5																						
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank	< 5																						

QC

Activation Laboratories Ltd.

Report: A18-11560

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Tl	Ti	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
OREAS 904 (Aqua Regia) Meas	0.21		0.100	0.04	3	5	20		< 20		< 2	< 10	31		18	
OREAS 904 (Aqua Regia) Cert	0.143		0.0950	0.0340	0.780	3.83	16.5		7.56		0.150	5.20	21.7		17.2	
OREAS 922 (AQUA REGIA) Meas	1.37	0.033	0.065	0.36	2	4	17		< 20		< 2	< 10	35	< 10	20	28
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 923 (AQUA REGIA) Meas	1.47		0.061	0.66	2	4	15		< 20		< 2	< 10	33	< 10	18	32
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 217 (Fire Assay) Meas																
OREAS 217 (Fire Assay) Cert																
Oreas 621 (Aqua Regia) Meas	0.46	0.181	0.035	4.36	124	3	18		< 20		< 2	< 10	13	< 10	7	68
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
OREAS 215 (Fire Assay) Meas																
OREAS 215 (Fire Assay) Cert																
56-12 Orig																
56-12 Dup																
Method Blank	< 0.01	0.014	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank																



Topo Canada v4  
 ©2009 Garmin® Ltd. or its subsidiaries  
 ©DMTI Spatial 2008

0 m 150 m 300 m 450 m 600 m

MN TN  
 -2.6°  
 1/1/2010

## Fry-McVean Claims, Drum Twp., N. W. Ontario

GARMIN.

By Donald D. Brown, Geologist

Sept. 09, 2018

## Nine Rock Samples Taken on Fry-McVean Claims Aug 06 - 09, 2018 by D. Brown

SAMPLE NO.	NORTHING	EASTING	Au PPB	Mo PPM	As PPM	DESCRIPTION
LL-01	5673717	631848	<5	<1	11	Ribbon quartz separated by biotite septum and containing superabundant fine disseminated pyrite
62-05R	5673721	631005	<5			Angular Float, quartz-biotite schist with disseminated pyrite
LL-02	5673717	631848	10	<1	5	Ribbon quartz separated by biotite septum and containing superabundant fine disseminated pyrite
LL-03	5673717	631848	<5	<1	19	Ribbon quartz separated by biotite septum and containing superabundant fine disseminated pyrite
LL-04	5673717	631848	11	<1	13	Ribbon quartz separated by biotite septum and containing superabundant fine disseminated pyrite
LL-05	5673717	631848	<5			Ribbon quartz separated by biotite septum and containing superabundant fine disseminated pyrite
LL-06	5673717	631848	<5			Ribbon quartz separated by biotite septum and containing superabundant fine disseminated pyrite
LL-641/2	5673925	630986	<5			Quartz Vein lying under 2 feet of lake water near Shoreline containing < 2% pyrite
LL-07	5673764	631750	<5	<1	<2	Altered mafic volcanic to iron carbonate rock Containing minor pyrite and quartz

**ANALYSES OF 16 GLACIAL SOIL SAMPLES and LL-01, A DECOMPOSED ROCK TAKEN NEAR LINJOG LAKE, AUGUST 2018 , BY DONALD BROWN ON THE FRY-McVEAN CLAIMS\**

<b>SAMPLE NO.</b>	<b>NORTHING</b>	<b>EASTING</b>	<b>Au PPB</b>	<b>Mo PPM</b>	<b>Fe %</b>	<b>As PPM</b>	<b>Depth Inches</b>	<b>COMMENTS</b>
LL-01	5673717	631848	<5	<1	6.35	11	5	Soil directly above the quartz-biotite schist with pyrite from decomposed rock
56-12	5673915	630453	<5	<1	7.09	6	40	Location has 5 Ppb Au in Humus. Well sorted fine outwash sand with silt & clay. No glacial clasts.
61-04	5673867	630905	6	<1	1.29	<2	29	Location has 3 Ppb Au in Humus. Well sorted fine outwash sand with silt & clay. No glacial clasts.
61-05	5673834	630905	<5	<1	1.18	3	29	Location has 2 Ppb Au in Humus. Well sorted fine outwash sand with silt & clay. No glacial clasts.
62-02	5673821	631005	<5	<1	1.01	<2	52	Location has 2 Ppb Au in Humus. Well sorted fine outwash sand with silt & clay. No glacial clasts.
63-02	5673789	631105	<5	<1	1.20	<2	34	Location has 4 Ppb Au in Humus. Well sorted fine outwash sand with silt & clay. No glacial clasts.
63-03	5673765	631105	<5	<1	1.21	<2	27	Location has 2 Ppb Au in Humus. Well sorted fine outwash sand with silt & clay. No glacial clasts.
64-04	5673691	631205					15	Location has 4 Ppb Au in Humus. Well sorted fine outwash sand with silt & clay. No glacial clasts.
64-06	5673625	631205	<5	<1	2.28	<2	15	Location has 2 Ppb Au in Humus. Well sorted fine outwash sand with silt & clay. No glacial clasts.



**ANALYSES OF 15 GLACIAL SOIL SAMPLES and LL-01, A DECOMPOSED ROCK TAKEN NEAR LINJOG LAKE, AUGUST 2018  
(CONTINUED)**

<b>SAMPLE NO.</b>	<b>NORTHING</b>	<b>EASTING</b>	<b>Au PPB</b>	<b>Mo PPM</b>	<b>Fe %</b>	<b>As PPM</b>	<b>Depth Inches</b>	<b>COMMENTS</b>
65-1/2	5673527	631355	<5	1	1.40	<2	22	Well sorted fine outwash sand with silt & clay. No glacial clasts.
65-03	5673516	631305	<5	<1	1.28	<2	24	Location has 3 Ppb Au in Humus. Well sorted fine outwash sand with silt & clay. No glacial clasts.
65-04	5673482	631305	<5	<1	1.74	2	34	Location has 2 Ppb Au in Humus. Well sorted fine outwash sand with silt & clay. No glacial clasts.
63-3/4	5673559	631284	<5	1	0.80	<2	13	On swamp border near Lake. Well sorted fine outwash sand with silt & clay. No glacial clasts.
66-06	5673462	631405	<5	1	1.22	<2	40	Location has 2 Ppb Au in Humus. Well sorted fine outwash sand with silt & clay. No glacial clasts.
67-06	5673489	632507	<5	<1	1.16	<2	19	Location has 3 Ppb Au in Humus. Well sorted fine outwash sand with silt & clay. No glacial clasts.
68-01	5673613	631607	6	<1	1.23	<2	40	Location has 2 Ppb Au in Humus. Well sorted fine outwash sand with silt & clay. No glacial clasts.
70-3/4	5673551	631894					31	Well sorted fine outwash sand with silt & clay. No glacial clasts.

70-1/4	5673548	631845	6	<1	1.80	<2	30	Well sorted fine outwash sand with silt & clay. No glacial clasts.

**NOTE:** The soil samples were taken from the bottom 12 inches of the auger drill holes assuming that the glacial drift was till and the samples would be basal till samples. The fine grained well-sorted nature of the clayey-silty-sand and the absence of clasts of any size indicated that the glacial soil is glacial outwash and not glacial till. Therefore the bedrock in the late stage of Pleistocene glaciation has not apparently been abraded by glacial clasts because the soil recovered from auger holes is devoid of clasts. Fine gold could appear in the basal till sheet from abraided gold-bearing bedrock mineralization, if a basal glacial till sheet were to be present. It appears that no basal till with clasts and unsorted glacial debris is present immediately above bedrock in the auger holes that were drilled. Sample LL-01 is decomposed quartz-biotite schist with pyrite.

UTM WGS 84 15 630500 15 631000 15 631500 15 632000

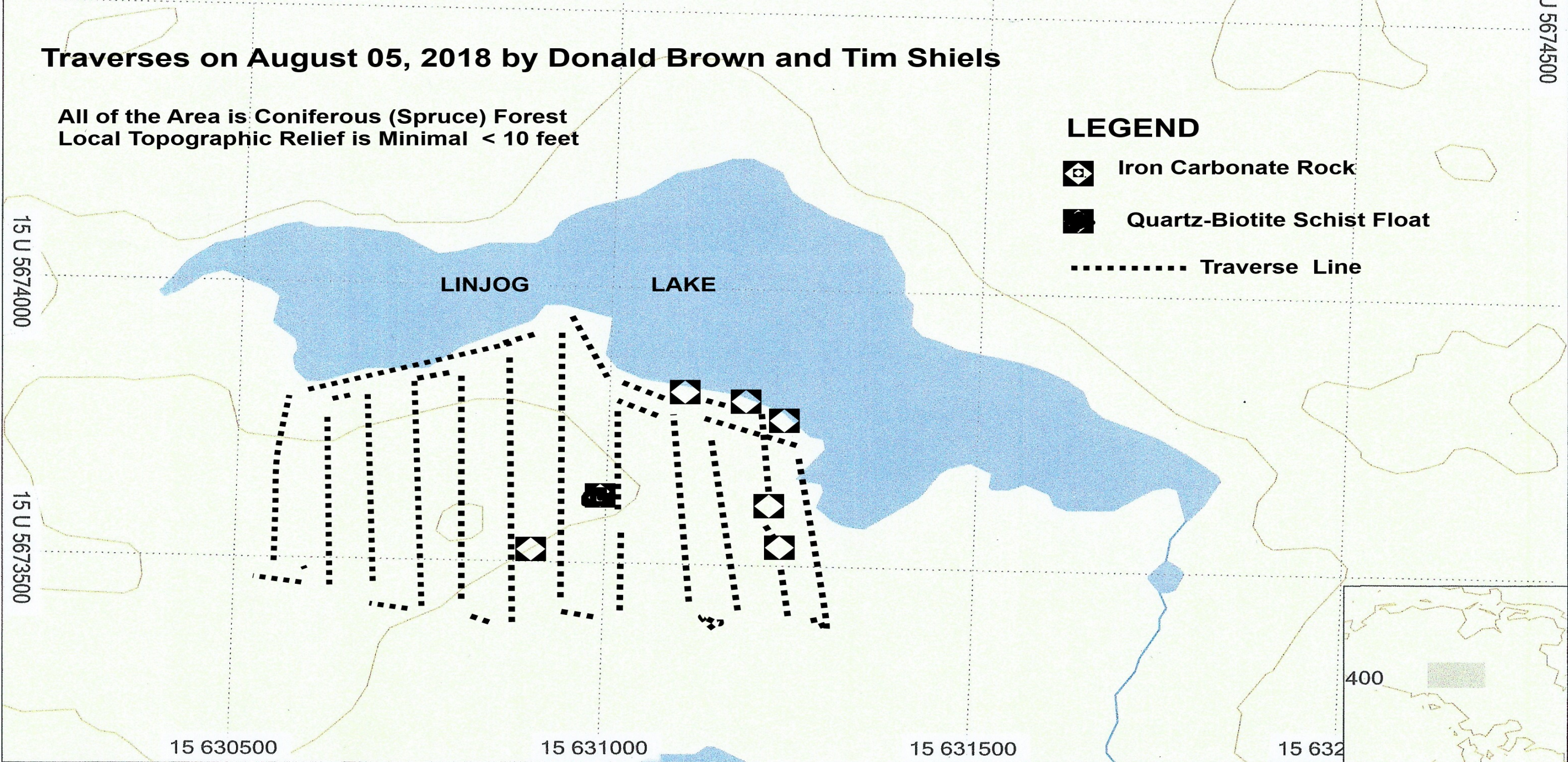
15 U 5674500

# Traverses on August 05, 2018 by Donald Brown and Tim Shiels

All of the Area is Coniferous (Spruce) Forest  
Local Topographic Relief is Minimal < 10 feet

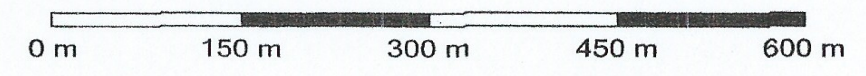
## LEGEND

-  Iron Carbonate Rock
-  Quartz-Biotite Schist Float
-  Traverse Line



Topo Canada v4  
©2009 Garmin® Ltd. or its subsidiaries  
©DMTI Spatial 2008

My Collection



MN TN  
-2.6°  
1/1/2010

UTM WGS 84 15 630500 15 631000 15 631500 15 632000

15 U 5674500

# Traverses on August 06, 2018 by Donald Brown and Tim Shiels

All of the Area is Coniferous (Spruce) Forest Local Relief is Minimal < 10 feet

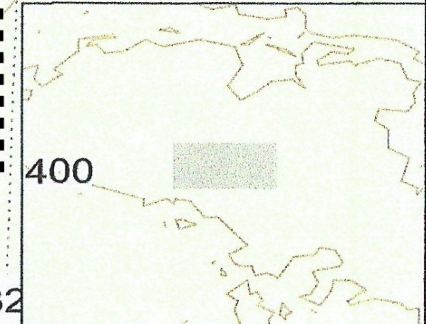
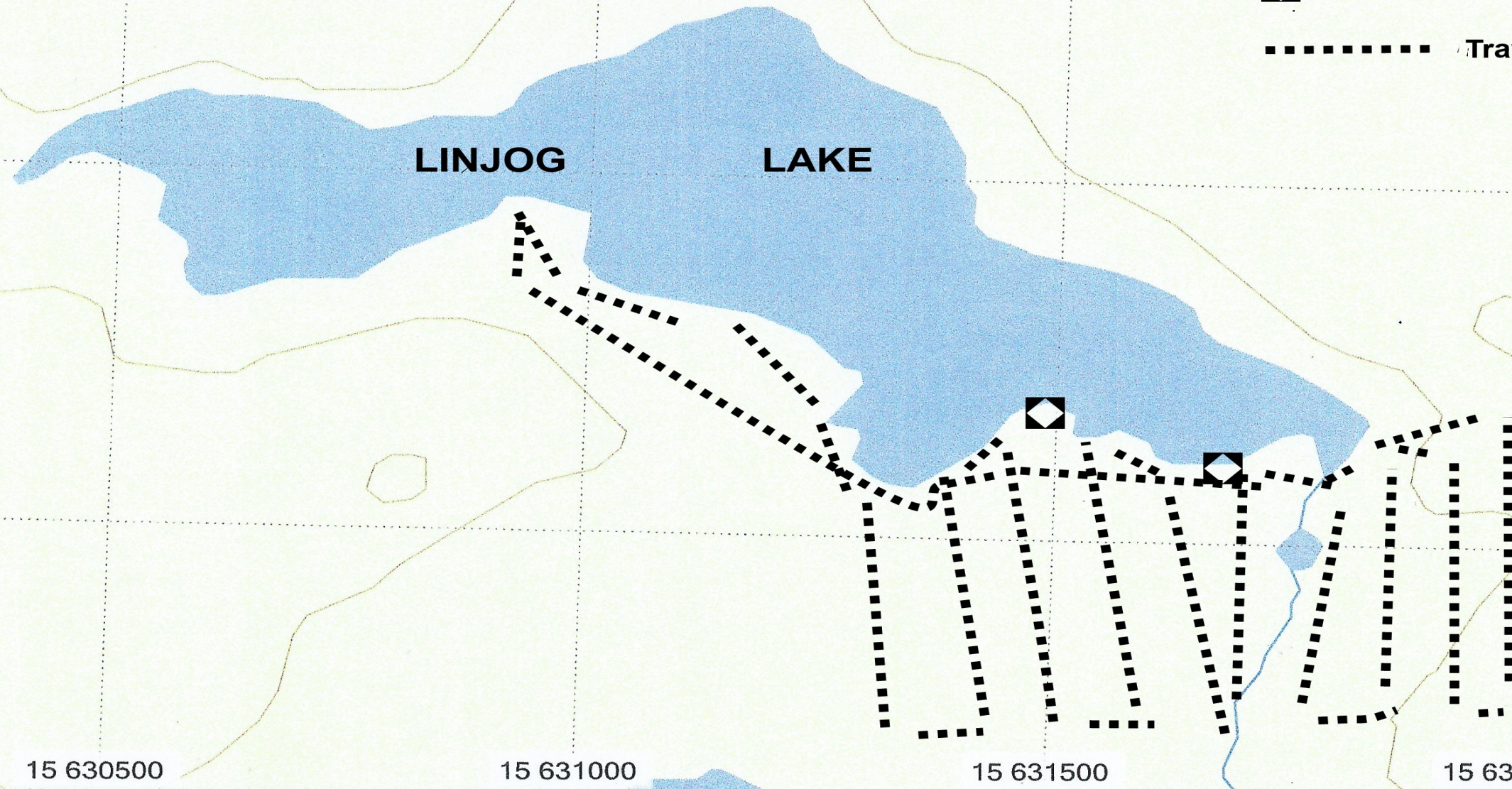
## LEGEND

◊ Iron Carbonate rock

..... Traverse Line

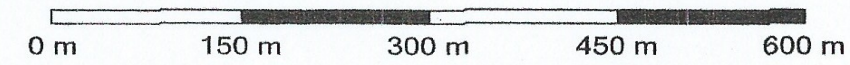
15 U 5674000

15 U 5673500

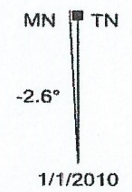


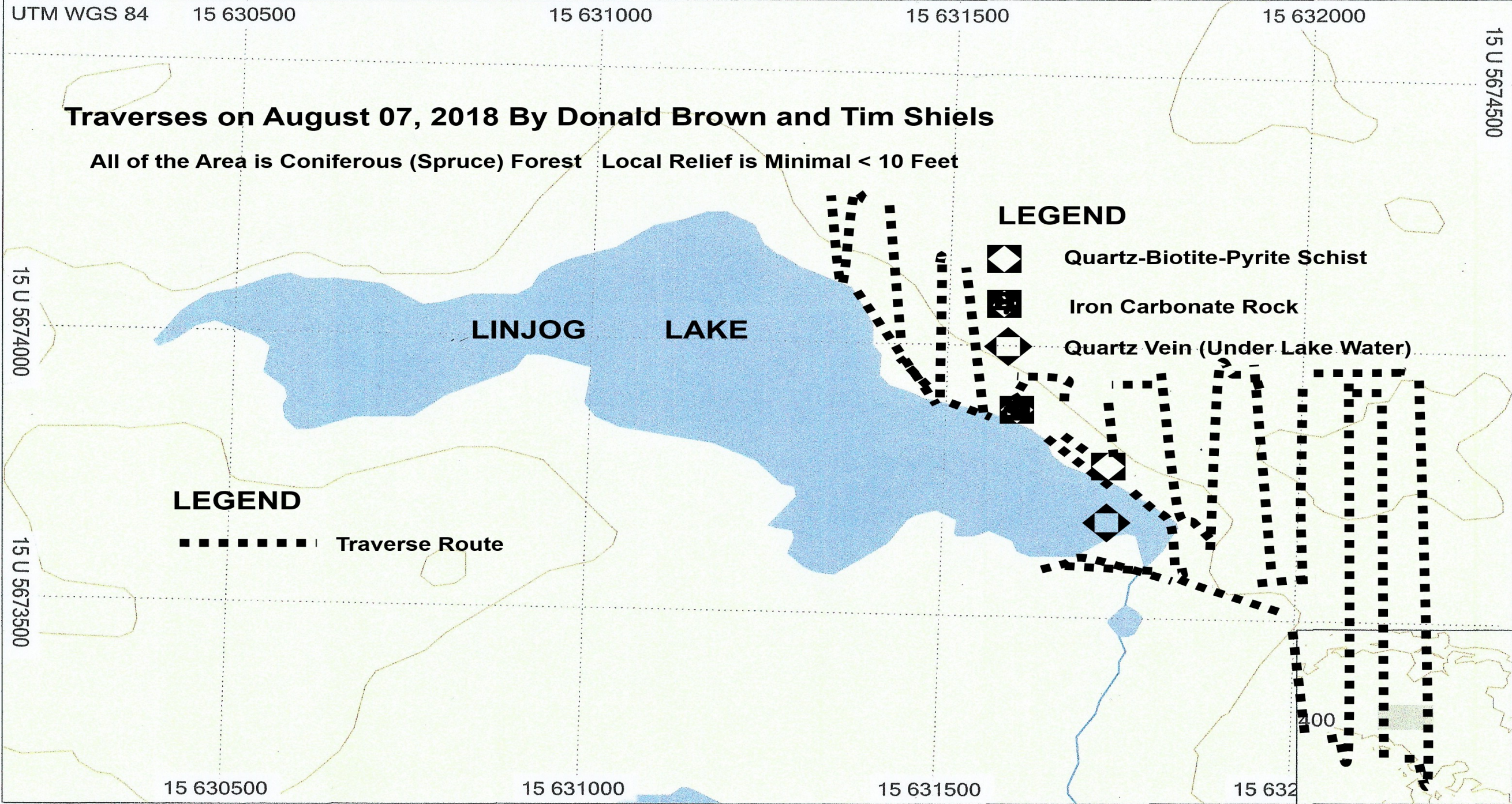
Topo Canada v4  
©2009 Garmin® Ltd. or its subsidiaries  
©DMTI Spatial 2008

My Collection



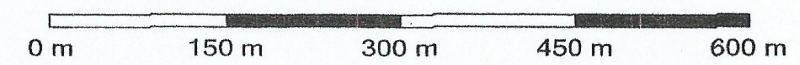
GARMIN.



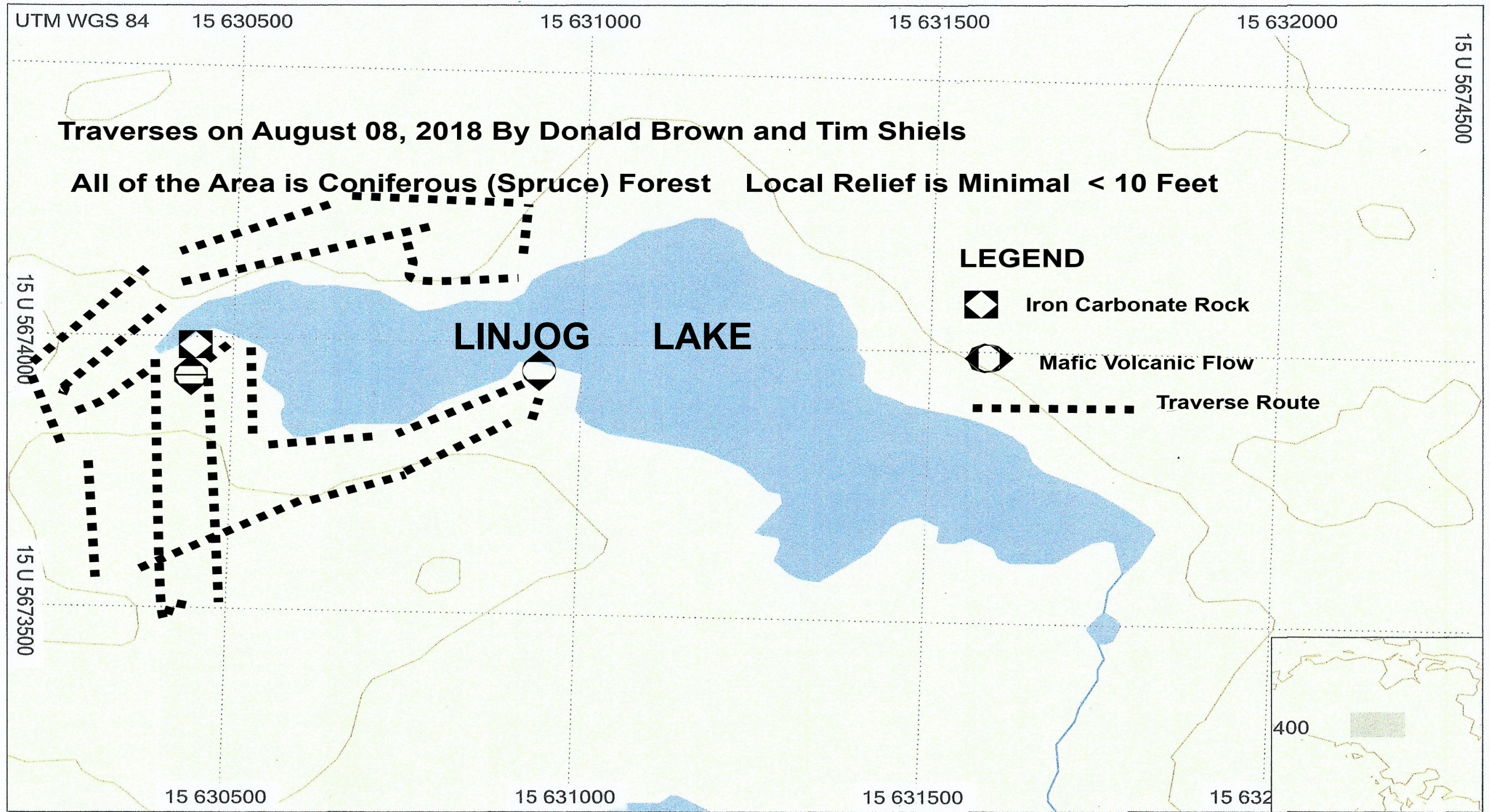


Topo Canada v4  
 ©2009 Garmin® Ltd. or its subsidiaries  
 ©DMT1 Spatial 2008

My Collection



GARMIN.



Topo Canada v4  
 ©2009 Garmin® Ltd. or its subsidiaries  
 ©DMT1 Spatial 2008

My Collection

