Ontario

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Grass Roots Prospecting

Twill Lake Prospecting &Sampling for AU

Owner- R.J.Issacs Holdings LTD.

Author-Ed Barkauskas

Completion date of report- June 14 2020

The Job was-- 10 days in the field program and completed by 4 prospectors, from May 22th to June 6th. Ed Barkauskas ( Lic. S7082- PH 807 737 4460) Sherridon Johnson (Lic. 1000862- PH 807 937 0115), Ian Staley (Lic. P13176- PH 807 737 4717) Tony Chrispino (Lic. 2000464- 807 738 3079 )

This was performed in the Patricia mining division, Parnes Lake Area, on Claim numbers-183201,329298,238650,147243,232129,332292,232127,232128, .

This is a remote area and not easily accessed. It can be accessed by logging roads 50+ kilometers from Sioux lookout and from that point 4 KM walk through heavy forested and wet lowlands .We choose to access this area by a series of boats through lakes and rivers-(16 kilometer from Sioux Lookout) and then 200 meter walk to claim line boundary. (See map insert). A total of 50 grab samples were taken in various areas along the above mentioned claim blocks. These samples will be analyzed for gold by Actlabs in Dryden.Several of these samples are also having a multi element assay and the results are pending. If high values of nickle are present in these samples we may have further assays. No permits or plan was required for this type of exploration.

DAILY LOG Note all GPS locations of samples will be shown on a seperate document. (Datum Nad 83 with Latitude & Longitude and U. T. M . coordinates)

May 23th Traversed 1200 M South of Twill Lake (Claim-147243, 183201,238650) Sample 1=TW 36 -Mafic rock structure with QTZ layering + veining, sulphides, CPY .5 % and PY 2 % .Heavy overburden in area with magnetic anomalies in the area.Sample 2= TW 37- Mafic rock, Magnetic, sulphides, CPY .1%, PY 2%, QTZ crystals along rock outcrop ridge.Samples 3&4 were both the same TW-38,39-Mafic,CPY 1%, PY 3% Sulphides, QTZ veinlets& crystals

May 24th Traversed to same location as May 23th and took 4 more grab samples along a outcrop ridge but further east (Claims- same location as May 23) and observed a porphyry running east- west. Sample 5=TW 40-Mafic Lean IF, QTZ stringers, Magnetite,CPY,PY. From here all samples will be referred to TW and then sample number.TW 41-Mafic,Magnetite,lean IF,QTZ stringers,Py. TW 42-Mafic,sulphides,Blue QTZ eyes,PY 5% ,cpy Magnetic. TW 43 mafic 2 % py ,cpy .5% fine qtz crystals and veinlets

May 27th Traversed 1200M East and 800M south and took 5 grab samples( claim 332292,232127,232128,) along a small ridge. The samples were taken along a ridge outcrop from a QTZ Porphyry and no magnetic anomalies present. TW 44-QTZ eyes,Mafic Porphyry, sulfides,PY1%. TW 45-QTZ flooding sulfides,PY1%. TW 46-QTZ flooding & veinlets, sulfides,PY .5%. TW 47- QTZ Porp.,cpy .1%, PY 2%, Slightly Magnetic. TW-48-fine grained mafic 2%py

May 28th Traversed 1200M east of Twill Lk then south 1200M
(Claim 329298, 232128,232129) and found fine & coarse Mafic rock structures, no magnetite,QTZ stringers,with PY. Took 6 grab samples. TW 49-fine grain mafic,QTZ veinlets PY 1-2 %. TW 50-Fine grain Mafic QTZ eyes Sulphides. PY 1 %. TW 51-fine Mafic QTZ stringers,sulphides PY. 1 %. TW 52-Fine grain Mafic layered Qtz stringers sulphides. PY 2%.cpy .5% TW 53- fine Grain Mafic QTZ stringers +flooding, PY 2 % cpy .1% sulphides.TW 54 Mafic QTZ veining+flooding Py 2-3%

May 29st Traversed 1200 M south of Twill Lk. And 400M East and 400M west along ridges and observed fine grain mafic rock structures with quartz stringers &eyes. Also Light to moderate sulfides, no magnetics, and abundance of pyrite. Took 3 grab samples. TW 55-Fine grain mafic, QTZ eyes, sulfides, PY 1 %. TW 56-Fine grain Mafic, QTZ eyes,sulphides, PY 1-%. TW 57- Fine grain Mafic QTZ stringers sulfides, PY 1%.

May 30th Traversed 1800 M south of Twill Creek (Claim-332292, 232127, 232128) Observed Fine to coarse grained mafic rock with Quartz veinlets& QTZ eyes and Miro Mica, sulfides, PY 1-3 %. Took 6 grab samples. TW 58-Layered mafic

structure with QTZ veinlets, magnetite,cpy,py 3%. TW 59- Mafic QTZ veinlets PY 1-2%. TW 60-Coarse Mafic QTZ veinlets 5 % PY,cpy 1%, magnetic. TW 61- mafic QTZ eyes, veinlets PY 1-2 %.TW 62- grain mafic QTZ eyes slightly magnetic, deciminated, sulphides, PY 1-2%. TW 63- grain mafic QTZ stringers, layered,sulphides 1-2% PY.

May31st Traversed 1800 M south of Twill Creek then west along a ridge. Observed Felsite Porphyry with quartz flooding, very minor sulfides in places. Also nearby there was quartz with mafic rock structure along with PY up to3-5 % and no magnetics. Took 5 grab samples. TW 64-Mafic fine grained QTZ eyes +veiningPy 1%. TW 65-Layered fine grain mafic sulfides PY 1-2 %disseminated. TW 66- Mafic QTZ sugar veins 2% PY cpy 1%, magnetic. TW 67-Mafic QTZ veinlets 3-5% PY Cpy .5% Magnetic.TW 68- Mafic Fine grain QTZ stringers 2-3% PYCpy .5%, Magnetic, sulphides.

June 1th Traversed 1800M south of Twill Creek, 500 M west. Observed quartz flooding in sheared mafic, with quartz veinlets and up to 5 % PY, slightly magnetic. Took 6 grab samples. TW 69-QTZ flooding veinlets in mafic 1-2% PY. TW 70-Sheared mafic, QTZ flooding veinlets 1-2% PY, sulphides, slightly magnetic. TW 71-QTZ flooding, veinlets, Mafic 1-2% PY. TW 72- QTZ flooding, veinlets in mafic 1-2 % PY. TW 73-Mafic QTZ veinlets 1-2 % PY, sulphides.TW-74 mafic sulphides,QTZ seams,1-2% Py,green QTZ crysrals CPY probably present.

June 3th Traversed 1800M south of Twill Creek then 600M West along boundary (Claim- 147243, 232129). Took 8 grab samples. Area has high ridges with Pj and SP stands and shallow soils.TW-75 Layered Mafic green QTZ with stringers ,sulphides, .5% Py. TW 76 &TW -77 -Mafic sulphides, 1% Py desimminated. TW-78 mafic ,QTZ crystals, 2-3 % Py heavy sulphides, TW- 79-Mafic , Magnetic, Py 3%, Cpy 1% sulphides QTZ crystals. TW 80 ,81,82, are the same- Mafic ,sulphides,QTZ crystals, 1 % py very small flecks through out samples.

June 4th Traversed to same location as June 3rd. Took 3 samples. TW 83-mafic,sulphides .5% Py QTZ crystals small flecks. TW-84-Mafic , massive sulphides,

5% Py magnetic, Cpy 1%, QTZ crystals + eyes. TW 85- Coarse mafic 1-2% Py Cpy .5% magnetic,sulphides

Traverses will be shown on maps with samples.Samples were extracted by a sledge/hoe implement with little impact to the enviorment.Each sample area was marked with flagging tape and GPS catologed on a Word spread sheet.

RESULTS from the assays indicated trace amounts of gold in most of the samples.Presently I am awaiting for the results of a Multi element assay which if it proves out to contain nickle in sufficient amounts. This would warrant further assays.This is a small representive area sampled on these claim blocks.There is indicators of gold in this rock structure which would warrant further exploration on remaining un explored claim blocks.Map datum used was NAD 83 and Lats. &Longs. and UTM coordinates .Several maps enclosed indicating ,Track log by dates,overview of route taken by 2 different boats to location of claims on Twill lake.Overview of location of sampled area with topograpy . Map of claims prospected and owned by R.J. Issac,s Holdings LTD.Any questions please call ED B. 807 737 4460

Follow up Report on 7 samples for Grass Roots Prospecting

Twill Lake Prospecting &Sampling for Gold, Multi. element,Palladium, Platinum

Owner- R.J.Issacs Holdings LTD.

Author-Ed Barkauskas

Completion date of this report- July 18 2020

The Job was-- 10 days in the field program and completed by 4 prospectors, from May 22th to June 6th. Ed Barkauskas ( Lic. S7082- PH 807 737 4460) Sherridon Johnson (Lic. 1000862- PH 807 937 0115), Ian Staley (Lic. P13176- PH 807 737 4717) Tony Chrispino (Lic. 2000464- 807 738 3079 )

This was performed in the Patricia mining division, Parnes Lake Area, on Claim numbers-183201,329298,238650,147243,232129,332292,232127,232128, .

This is a remote area and not easily accessed. It can be accessed by logging roads 50+ kilometers from Sioux lookout and from that point 4 KM walk through heavy forested and wet lowlands .We choose to access this area by a series of boats through lakes and rivers-(16 kilometer from Sioux Lookout) and then 200 meter walk to claim line boundary. (See map insert). A total of 50 grab samples were taken in various areas along the above mentioned claim blocks. These samples will be analyzed for gold by Actlabs in Dryden(See orginal Report).Several of these samples have had a multi element assay and the results had Respectable ammounts of Copper and Nickle content.This warranted further assays for Palladium and Platinium assays. The results were minimium amounts present of Pd, Pt . this would still warrant further investigation in the area sampled.No permits or plan was required for this type of exploration.

DAILY LOG Note all GPS locations of samples will be shown on a seperate document. (Datum Nad 83 with Latitude & Longitude and U. T. M . coordinates)

Traversed area prospected are shown on prior report with a detailed analysis of each sample on a daily log. Maps only are enclosed with this report of area prospected with sample locations.The 7 samples that were assayed are as follows: 109836-Claim 147243---109858 &60,67,68- CL 332292,232127,232128--- 109879 &84 CL 147243,232129.

Traverses will be shown on maps with samples.Samples were extracted by a sledge/hoe implement with little impact to the enviorment.Each sample area was marked with flagging tape and GPS catologed on a Word spread sheet.

RESULTS from the assays indicated trace amounts of gold in most of the samples. The Multi element assay was very encouraging with the presents of many rare earth elements like cobalt,Vanadium,Chromium as well as Copper and nickle which warrants further prospecting in this area. The Palladium and Platinum was minor but still warrants further investigation.This is a small representive area sampled on these claim blocks.There is also indicators of gold in this rock structure which would warrant further exploration on remaining un explored claim blocks.Map datum used was NAD 83 and Lats. &Longs. and UTM coordinates .Several maps enclosed indicating ,Track log by dates,overview of route taken by 2 different boats to location of claims on Twill lake.Overview of location of sampled area with topograpy . Map of claims prospected and owned by R.J. Issac,s Holdings LTD.Any questions please call ED B. 807 737 4460 Note; Sample 109884 had a higher gold value from Act-lab in Ancaster then the Dryden Act-lab ,which we are still awaiting for answers on why.

Ed Barkauskas

R. J. Issac's Holdings Ltd. 29 Blocks

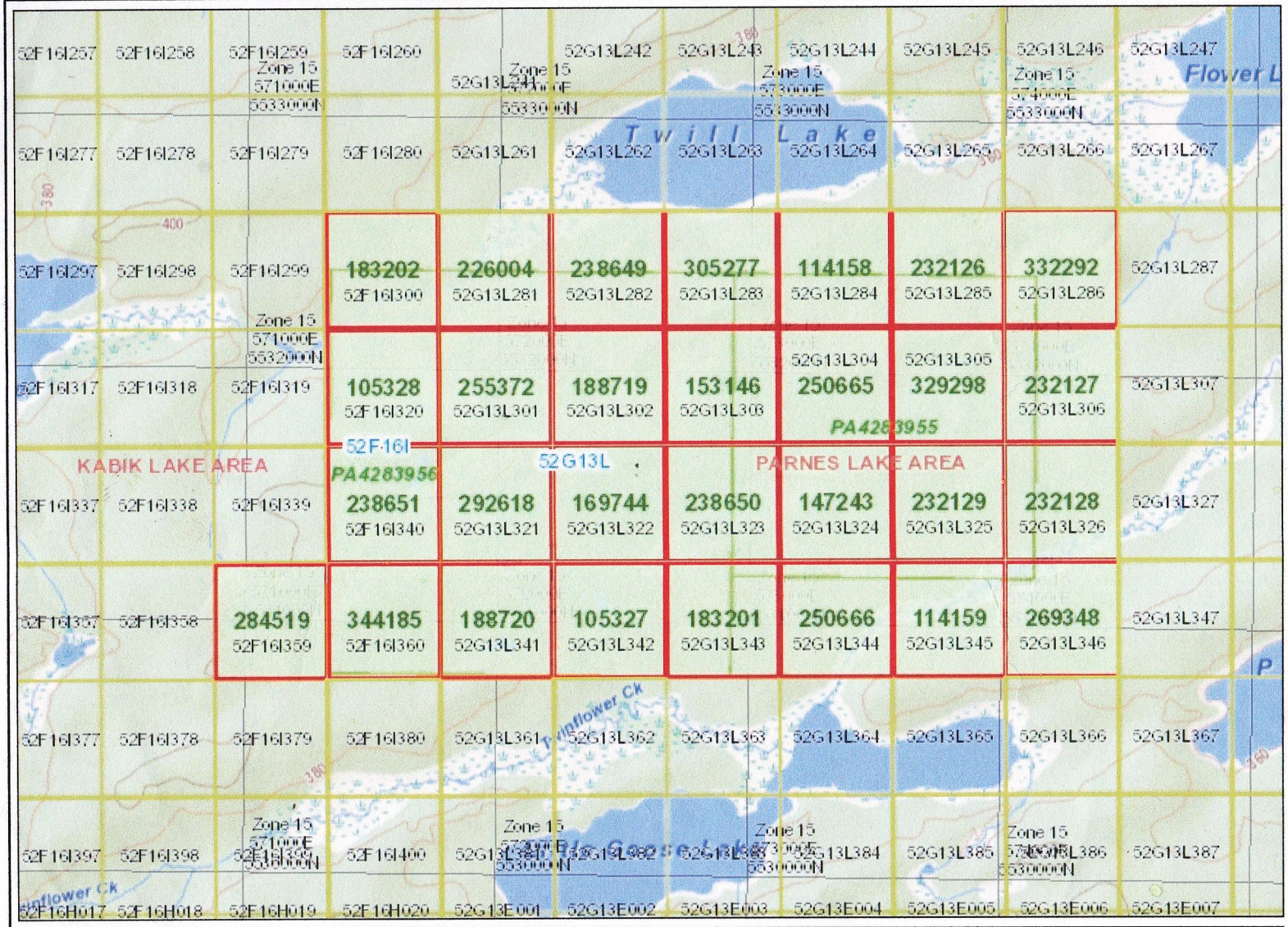
Ontario

**MINISTRY OF NORTHERN DEVELOPMENT AND MINES**

MLAS Map Viewer

# MLAS Map

**Notes:**




## Legend

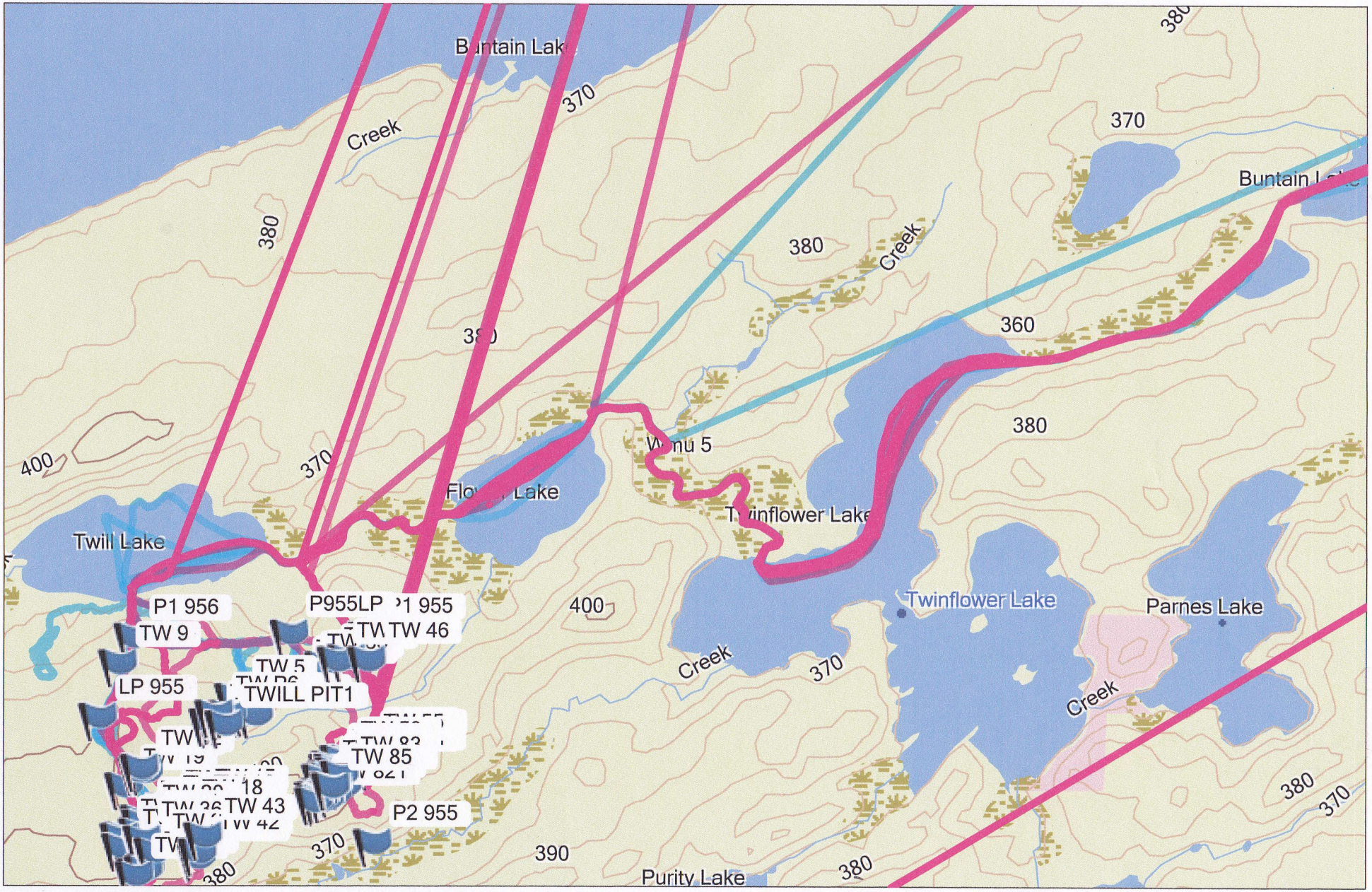
- Provincial Grid Cell
  - Available
  - Pending
  - Unavailable
- Mining Claim
- Mining Lease
  - Surface Rights Only
  - Mining Rights Only
  - Surface and Mining Rights
- Mining Licence of Occupation
  - Surface Rights Only
  - Mining Rights Only
  - Surface and Mining Rights
- Mining Patent
  - Surface Rights Only
  - Mining Rights Only
  - Surface and Mining Rights
- Boundary Claim
- Legacy Claim
- Mining Claim - History
- Mining Land Tenure - History
- Mining Division
- MNDM Townships and Areas
- Provincial Grid Group
- Non-Mining Land Tenure
  - Patent, Surface Rights Only
  - Patent, Mining Rights Only
  - Patent, Surface and Mining Rights
  - Lease, Surface Rights Only

0 1.18 km

Projection: Web Mercator

N






Backroad Mapbooks ON v4.0
(C) Backroad Mapbooks 2013
Ontario Backroad GPS Maps

Travelled Route to Job site

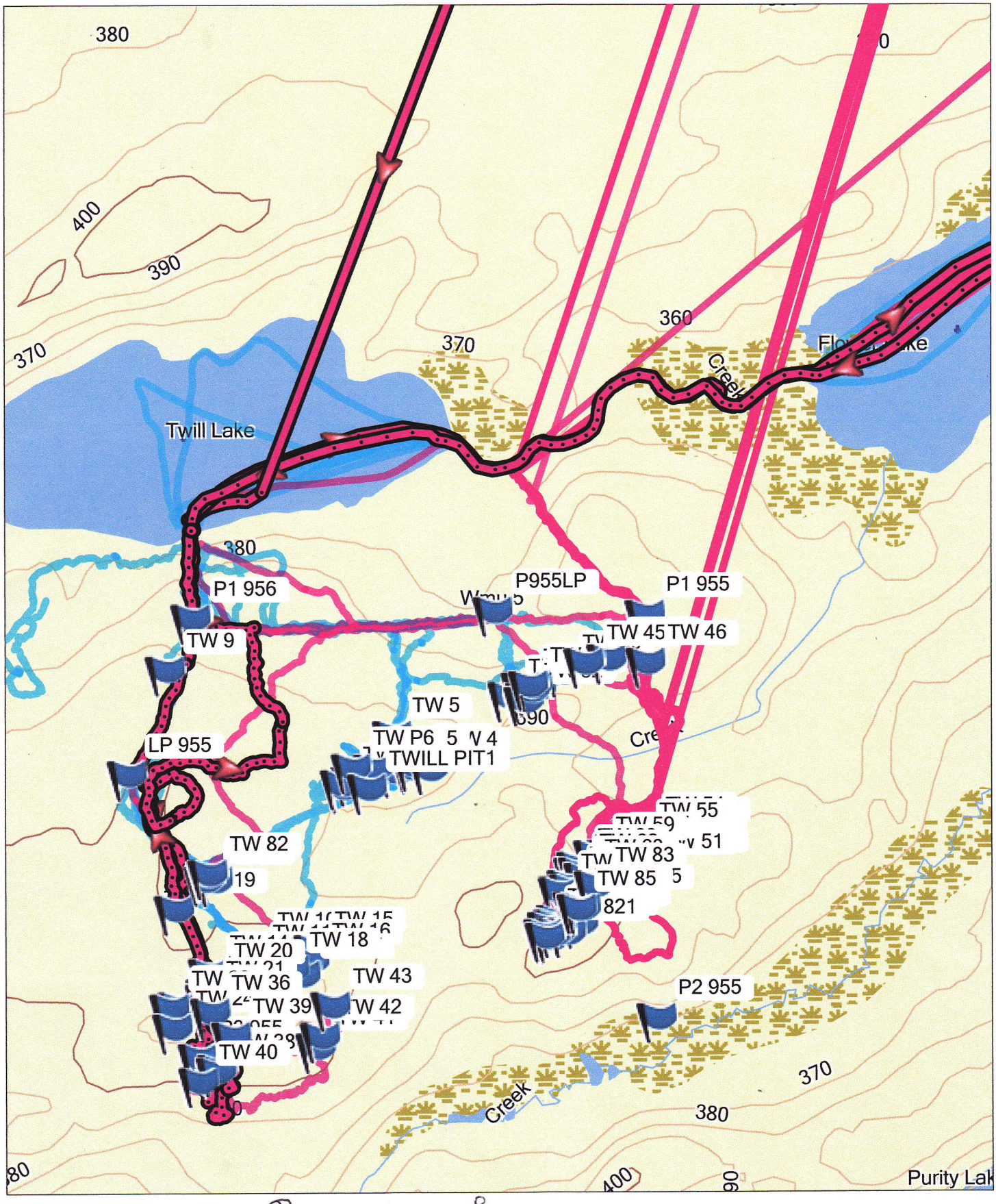
16 KM by way of 2-Boats

6/15/2020 7:20:53 PM

Red colour - 2020
Blue " - 2019

0 km 0.5 km 1 km 1.5 km 2 km

GARMIN.



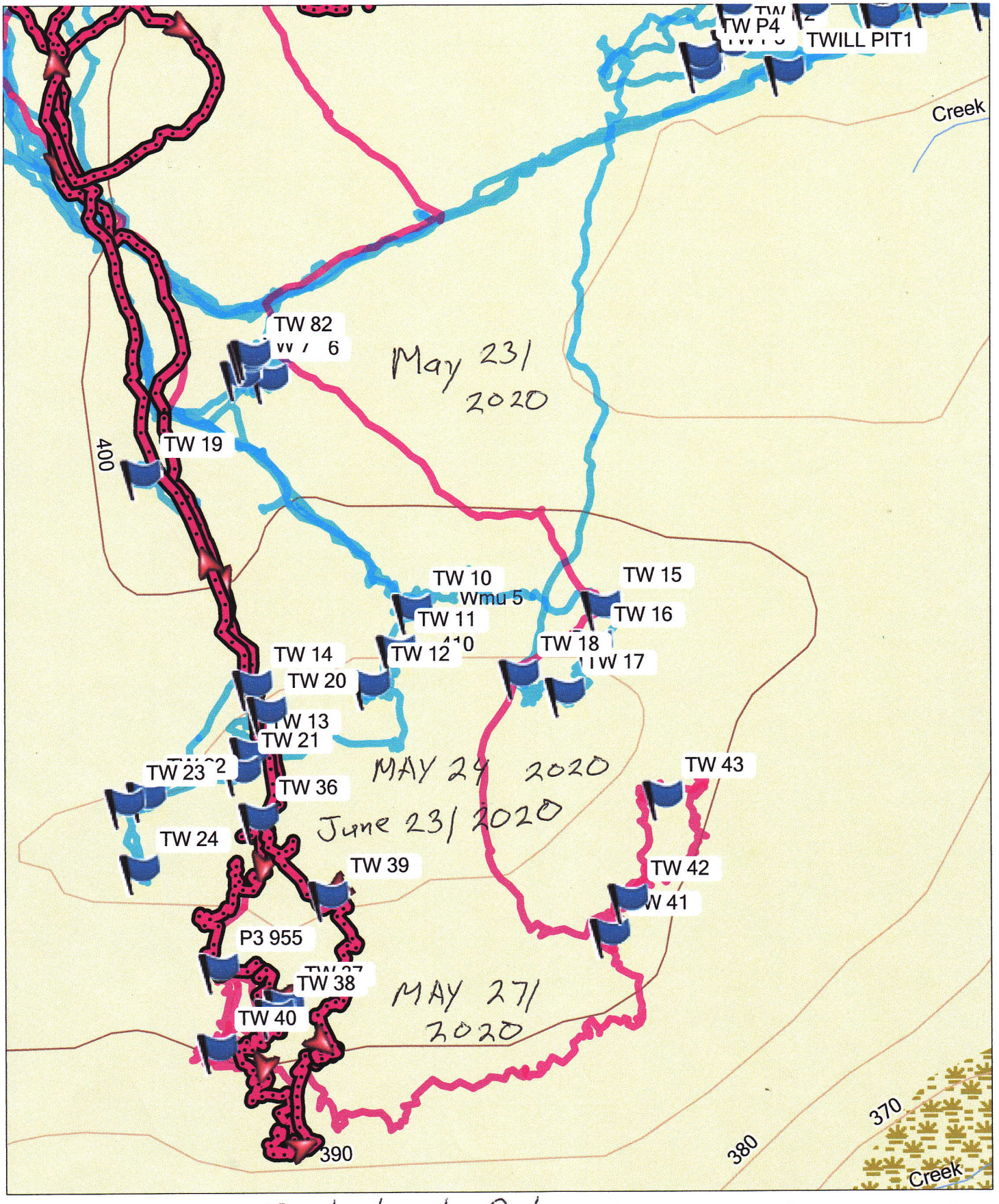

Backroad Mapbooks ON v4.0
(C) Backroad Mapbooks 2013
Ontario Backroad GPS Maps

Overview of Sampled Area

0 m 250 m 500 m 750 m 1000 m

6/15/2020 7:20:53 PM

GARMIN.




Backroad Mapbooks ON v4.0
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Ontario Backroad GPS Maps

Track Log by Dates

0 m 75 m 150 m 225 m 300 m

Red 2020
Blue 2019

6/15/2020 7:20:53 PM

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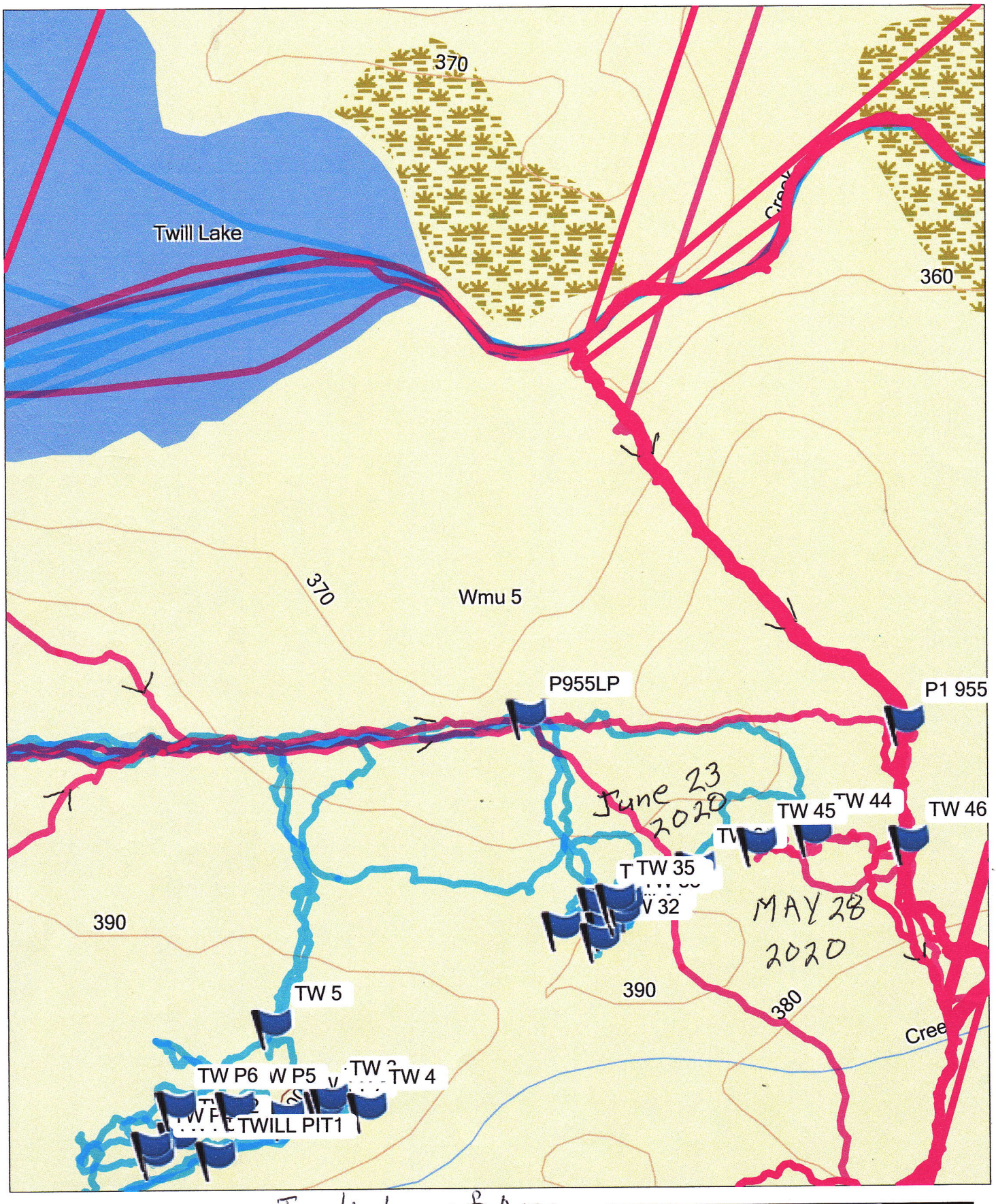


Backroad Mapbooks ON v4.0
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Ontario Backroad GPS Maps

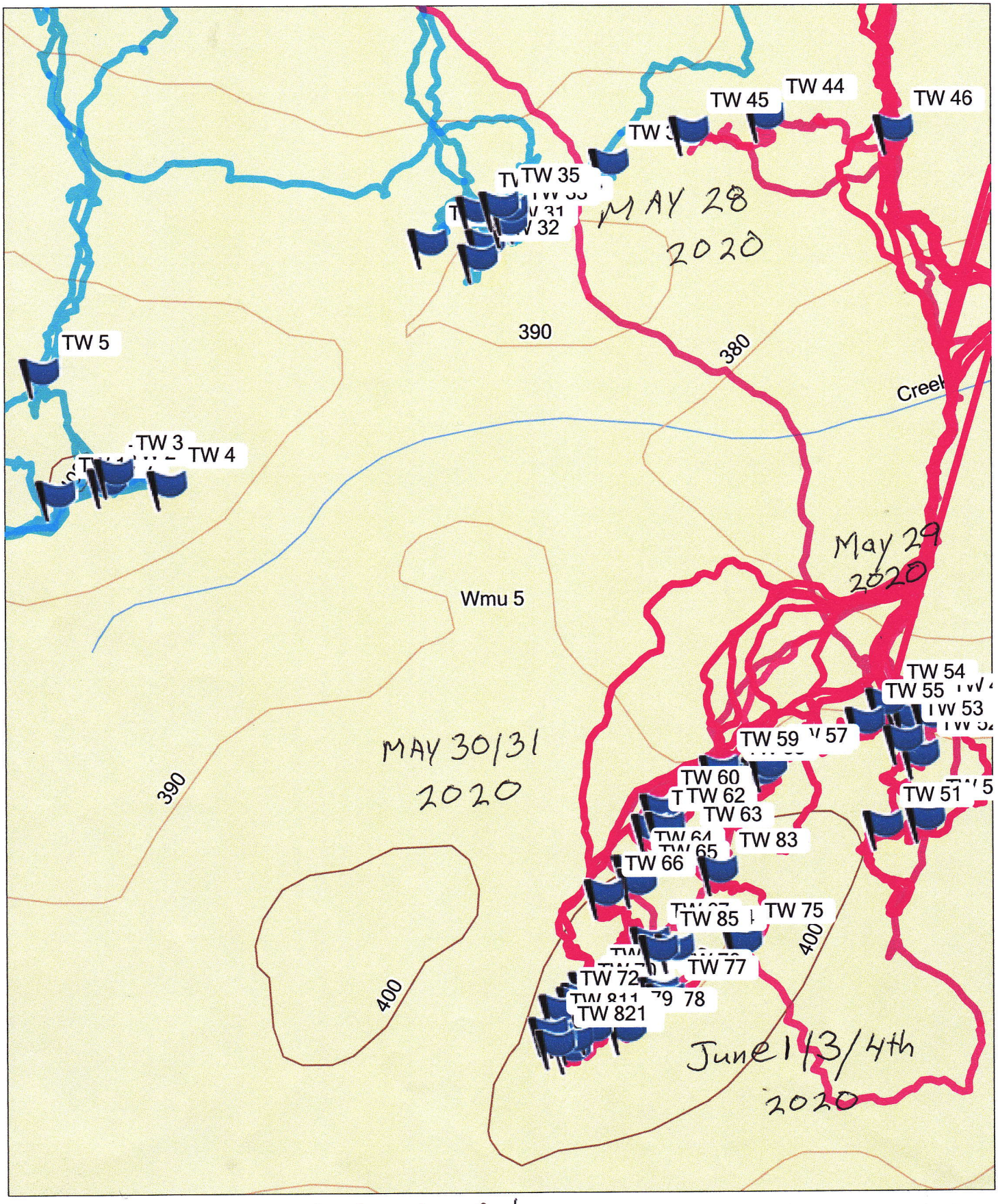
Track Log of Area

covered by Dates

6/15/2020 5:10:47 AM

Red - 2020
Blue - 2019

GARMIN.




Backroad Mapbooks ON v4.0
(C) Backroad Mapbooks 2013
Ontario Backroad GPS Maps

Track Log by Dates

0 m 75 m 150 m 225 m 300 m

Red - 2020
Blue 2019

6/15/2020 7:20:53 PM

GARMIN

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*Quality Analysis ...* *Innovative Technologies*

**Date Submitted:** 10-Jun-19
**Invoice No.:** A19-07564
**Invoice Date:** 20-Jun-19
**Your Reference:** Twill Lake

**RJ Issacs Holdings LTD**
**419 TheKingway**
**Etobicoke Ontario M9A 3W1**
**Canada**

**ATTN: Ed Barkauskas**

# CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested: Code 1A2-Dryden Au Fire Assay AA (QOP Fire Assay-Dryden)

REPORT **A19-07564**



Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

**ACTIVATION LABORATORIES LTD.**
264 Government Road, Dryden, Ontario, Canada, P8N 2R3
TELEPHONE +807 223-6168 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

| Analyte Symbol | Au |
|---|---|
| Unit Symbol | ppb |
| Lower Limit | 5 |
| Method Code | FA-AA |
| 109801 | < 5 |
| 109802 | < 5 |
| 109803 | < 5 |
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| 109811 | 7 |
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| 109813 | < 5 |
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| Analyte Symbol | Au |
|---|---|
| Unit Symbol | ppb |
| Lower Limit | 5 |
| Method Code | FA-AA |
| OREAS 254 Fire Assay Meas | 2640 |
| OREAS 254 Fire Assay Cert | 2550 |
| OREAS 218 Meas | 561 |
| OREAS 218 Cert | 531 |
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| 109834 Dup | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |
| Method Blank | < 5 |

*Quality Analysis ...* *Innovative Technologies*

**Report No.:** **A20-05868**
**Report Date:** **18-Jun-20**
**Date Submitted:** **05-Jun-20**
**Your Reference:**

**RJ Issacs Holdings LTD**
**419 TheKingway**
**Etobicoke Ontario M9A 3W1**
**Canada**

**ATTN: Matt Legge**

# CERTIFICATE OF ANALYSIS

50 Core samples were submitted for analysis.

| The following analytical package(s) were requested: | | Testing Date: |
|---|---|---|
| 1A2-Dryden | QOP AA-Au (Au - Fire Assay AA) | 2020-06-09 16:07:30 |

REPORT **A20-05868**



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:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

**ACTIVATION LABORATORIES LTD.**
264 Government Road, Dryden, Ontario, Canada, P8N 2R3
TELEPHONE +807 223-6168 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

**Report No.:** **A20-05868**
**Report Date:** **18-Jun-20**
**Date Submitted:** **05-Jun-20**
**Your Reference:**

**RJ Issacs Holdings LTD**
**419 TheKingway**
**Etobicoke Ontario M9A 3W1**
**Canada**

**ATTN: Matt Legge**

# CERTIFICATE OF ANALYSIS

50 Core samples were submitted for analysis.

| The following analytical package(s) were requested: | | Testing Date: |
|---|---|---|
| 1E3-Tbay | QOP AquaGeo (Aqua Regia ICPOES) | 2020-06-17 12:34:12 |

REPORT **A20-05868**



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:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

**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

| 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 |
| 109836 | 5 | < 0.2 | < 0.5 | 172 | 973 | < 1 | 28 | < 2 | 78 | 3.70 | < 2 | < 10 | 18 | < 0.5 | < 2 | 1.59 | 35 | 18 | 9.78 | < 10 | 2 | 0.04 | < 10 |
| 109837 | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| 109838 | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| 109839 | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| 109840 | 8 | | | | | | | | | | | | | | | | | | | | | | |
| 109841 | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| 109842 | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| 109843 | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| 109844 | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| 109845 | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| 109846 | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| 109847 | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| 109848 | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| 109849 | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| 109850 | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| 109851 | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| 109852 | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| 109853 | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| 109854 | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| 109855 | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| 109856 | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| 109857 | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| 109858 | < 5 | < 0.2 | < 0.5 | 121 | 753 | < 1 | 57 | < 2 | 57 | 2.89 | < 2 | < 10 | 11 | < 0.5 | < 2 | 1.74 | 32 | 119 | 5.34 | < 10 | < 1 | < 0.01 | < 10 |
| 109859 | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| 109860 | < 5 | < 0.2 | < 0.5 | 110 | 778 | < 1 | 84 | < 2 | 67 | 3.30 | 9 | < 10 | 18 | < 0.5 | < 2 | 1.53 | 41 | 143 | 6.56 | < 10 | 2 | < 0.01 | < 10 |
| 109861 | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| 109862 | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| 109863 | 9 | | | | | | | | | | | | | | | | | | | | | | |
| 109864 | 6 | | | | | | | | | | | | | | | | | | | | | | |
| 109865 | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| 109866 | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| 109867 | < 5 | < 0.2 | < 0.5 | 180 | 758 | < 1 | 20 | < 2 | 47 | 2.81 | < 2 | < 10 | 21 | < 0.5 | < 2 | 1.81 | 37 | 8 | 8.05 | < 10 | 1 | 0.04 | < 10 |
| 109868 | < 5 | < 0.2 | < 0.5 | 132 | 710 | < 1 | 60 | < 2 | 40 | 2.85 | < 2 | < 10 | 12 | < 0.5 | < 2 | 1.42 | 35 | 117 | 5.68 | < 10 | 2 | < 0.01 | < 10 |
| 109869 | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| 109870 | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| 109871 | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| 109872 | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| 109873 | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| 109874 | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| 109875 | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| 109876 | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| 109877 | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| 109878 | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| 109879 | < 5 | < 0.2 | < 0.5 | 83 | 926 | < 1 | 80 | < 2 | 67 | 3.88 | 3 | < 10 | 16 | < 0.5 | < 2 | 1.47 | 37 | 152 | 7.96 | < 10 | 3 | < 0.01 | < 10 |
| 109880 | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| 109881 | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| 109882 | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| 109883 | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| 109884 | < 5 | < 0.2 | < 0.5 | 186 | 899 | < 1 | 19 | < 2 | 60 | 3.17 | < 2 | < 10 | < 10 | < 0.5 | < 2 | 1.39 | 35 | 10 | 8.84 | < 10 | 2 | 0.01 | < 10 |
| 109885 | < 5 | | | | | | | | | | | | | | | | | | | | | | |

| 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 |
| 109836 | 2.07 | 0.018 | 0.038 | 0.38 | 3 | 13 | 45 | 0.51 | < 20 | 2 | < 2 | < 10 | 350 | < 10 | 8 | 6 |
| 109837 | | | | | | | | | | | | | | | | |
| 109838 | | | | | | | | | | | | | | | | |
| 109839 | | | | | | | | | | | | | | | | |
| 109840 | | | | | | | | | | | | | | | | |
| 109841 | | | | | | | | | | | | | | | | |
| 109842 | | | | | | | | | | | | | | | | |
| 109843 | | | | | | | | | | | | | | | | |
| 109844 | | | | | | | | | | | | | | | | |
| 109845 | | | | | | | | | | | | | | | | |
| 109846 | | | | | | | | | | | | | | | | |
| 109847 | | | | | | | | | | | | | | | | |
| 109848 | | | | | | | | | | | | | | | | |
| 109849 | | | | | | | | | | | | | | | | |
| 109850 | | | | | | | | | | | | | | | | |
| 109851 | | | | | | | | | | | | | | | | |
| 109852 | | | | | | | | | | | | | | | | |
| 109853 | | | | | | | | | | | | | | | | |
| 109854 | | | | | | | | | | | | | | | | |
| 109855 | | | | | | | | | | | | | | | | |
| 109856 | | | | | | | | | | | | | | | | |
| 109857 | | | | | | | | | | | | | | | | |
| 109858 | 1.86 | 0.042 | 0.031 | 0.05 | 3 | 8 | 24 | 0.46 | < 20 | 5 | 3 | < 10 | 135 | < 10 | 8 | 4 |
| 109859 | | | | | | | | | | | | | | | | |
| 109860 | 2.44 | 0.034 | 0.030 | 0.29 | 3 | 7 | 32 | 0.46 | < 20 | 3 | < 2 | < 10 | 128 | < 10 | 6 | 6 |
| 109861 | | | | | | | | | | | | | | | | |
| 109862 | | | | | | | | | | | | | | | | |
| 109863 | | | | | | | | | | | | | | | | |
| 109864 | | | | | | | | | | | | | | | | |
| 109865 | | | | | | | | | | | | | | | | |
| 109866 | | | | | | | | | | | | | | | | |
| 109867 | 1.29 | 0.016 | 0.044 | 0.76 | 4 | 9 | 16 | 0.74 | < 20 | 8 | < 2 | < 10 | 219 | < 10 | 10 | 7 |
| 109868 | 1.91 | 0.037 | 0.032 | 0.22 | < 2 | 6 | 21 | 0.45 | < 20 | 2 | < 2 | < 10 | 120 | < 10 | 7 | 4 |
| 109869 | | | | | | | | | | | | | | | | |
| 109870 | | | | | | | | | | | | | | | | |
| 109871 | | | | | | | | | | | | | | | | |
| 109872 | | | | | | | | | | | | | | | | |
| 109873 | | | | | | | | | | | | | | | | |
| 109874 | | | | | | | | | | | | | | | | |
| 109875 | | | | | | | | | | | | | | | | |
| 109876 | | | | | | | | | | | | | | | | |
| 109877 | | | | | | | | | | | | | | | | |
| 109878 | | | | | | | | | | | | | | | | |
| 109879 | 3.13 | 0.025 | 0.029 | 0.21 | 4 | 9 | 21 | 0.42 | < 20 | 2 | < 2 | < 10 | 158 | < 10 | 7 | 6 |
| 109880 | | | | | | | | | | | | | | | | |
| 109881 | | | | | | | | | | | | | | | | |
| 109882 | | | | | | | | | | | | | | | | |
| 109883 | | | | | | | | | | | | | | | | |
| 109884 | 1.80 | 0.020 | 0.053 | 0.64 | 3 | 8 | 14 | 0.60 | < 20 | 5 | < 2 | < 10 | 205 | < 10 | 9 | 9 |
| 109885 | | | | | | | | | | | | | | | | |

| 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 |
| GXR-6 Meas | | 0.3 | < 0.5 | 68 | 976 | 1 | 23 | 89 | 121 | 6.79 | 225 | < 10 | 765 | 0.9 | 3 | 0.16 | 13 | 76 | 5.34 | 20 | 1 | 1.17 | 10 |
| GXR-6 Cert | | 1.30 | 1.00 | 66.0 | 1010 | 2.40 | 27.0 | 101 | 118 | 17.7 | 330 | 9.80 | 1300 | 1.40 | 0.290 | 0.180 | 13.8 | 96.0 | 5.58 | 35.0 | 0.0680 | 1.87 | 13.9 |
| OREAS 922 (AQUA REGIA) Meas | | 0.9 | < 0.5 | 2260 | 754 | < 1 | 34 | 60 | 263 | 2.99 | 4 | | 84 | 0.8 | 12 | 0.44 | 19 | 47 | 5.28 | < 10 | | 0.54 | 41 |
| 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 | | 1.8 | < 0.5 | 4360 | 828 | < 1 | 33 | 80 | 324 | 2.93 | 7 | | 67 | 0.7 | 22 | 0.43 | 21 | 42 | 5.94 | < 10 | | 0.45 | 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 214 Meas | 2930 | | | | | | | | | | | | | | | | | | | | | | |
| OREAS 214 Cert | 3030 | | | | | | | | | | | | | | | | | | | | | | |
| OREAS 214 Meas | 2920 | | | | | | | | | | | | | | | | | | | | | | |
| OREAS 214 Cert | 3030 | | | | | | | | | | | | | | | | | | | | | | |
| OREAS 222 (Fire Assay) Meas | 1220 | | | | | | | | | | | | | | | | | | | | | | |
| OREAS 222 (Fire Assay) Cert | 1220 | | | | | | | | | | | | | | | | | | | | | | |
| Oreas 621 (Aqua Regia) Meas | | 70.0 | 286 | 3680 | 508 | 14 | 24 | > 5000 | > 10000 | 1.70 | 81 | | | 0.6 | 11 | 1.73 | 31 | 33 | 3.17 | 10 | 4 | 0.41 | 21 |
| 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 45f (Aqua Regia) Meas | | | | 356 | 169 | < 1 | 230 | 6 | 27 | 7.65 | | | 137 | 1.0 | 6 | 0.07 | 37 | 349 | 14.4 | 20 | < 1 | 0.11 | 11 |
| OREAS 45f (Aqua Regia) Cert | | | | 336 | 150 | 1.19 | 192 | 12.4 | 22.2 | 4.81 | | | 158 | 0.980 | 0.170 | 0.0750 | 39.2 | 341 | 13.7 | 20.3 | 0.0310 | 0.0820 | 10.7 |
| 109851 Orig | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| 109851 Dup | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| 109857 Orig | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| 109857 Dup | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| 109869 Orig | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| 109869 Dup | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| 109885 Orig | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| 109885 Split PREP DUP | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| Method Blank | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| Method Blank | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| Method Blank | < 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 |

| 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 |
| GXR-6 Meas | 0.40 | 0.132 | 0.034 | 0.01 | 3 | 20 | 32 | | < 20 | < 1 | < 2 | < 10 | 156 | < 10 | 4 | 8 |
| GXR-6 Cert | 0.609 | 0.104 | 0.0350 | 0.0160 | 3.60 | 27.6 | 35.0 | | 5.30 | 0.0180 | 2.20 | 1.54 | 186 | 1.90 | 14.0 | 110 |
| OREAS 922 (AQUA REGIA) Meas | 1.36 | 0.033 | 0.063 | 0.38 | < 2 | 4 | 17 | | < 20 | | < 2 | < 10 | 36 | < 10 | 20 | 12 |
| 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 | 1.40 | | 0.058 | 0.67 | 2 | 4 | 15 | | < 20 | | < 2 | < 10 | 34 | < 10 | 18 | 19 |
| 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 214 Meas | | | | | | | | | | | | | | | | |
| OREAS 214 Cert | | | | | | | | | | | | | | | | |
| OREAS 214 Meas | | | | | | | | | | | | | | | | |
| OREAS 214 Cert | | | | | | | | | | | | | | | | |
| OREAS 222 (Fire Assay) Meas | | | | | | | | | | | | | | | | |
| OREAS 222 (Fire Assay) Cert | | | | | | | | | | | | | | | | |
| Oreas 621 (Aqua Regia) Meas | 0.45 | 0.162 | 0.034 | 4.81 | 107 | 3 | 17 | | < 20 | | < 2 | < 10 | 12 | < 10 | 7 | 62 |
| 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 45f (Aqua Regia) Meas | 0.18 | 0.046 | 0.021 | 0.02 | | 28 | 15 | 0.12 | < 20 | | < 2 | < 10 | 199 | | 5 | 17 |
| OREAS 45f (Aqua Regia) Cert | 0.152 | 0.0320 | 0.0220 | 0.0270 | | 31.4 | 13.2 | 0.0970 | 7.67 | | 0.120 | 1.09 | 217 | | 6.74 | 30.0 |
| 109851 Orig | | | | | | | | | | | | | | | | |
| 109851 Dup | | | | | | | | | | | | | | | | |
| 109857 Orig | | | | | | | | | | | | | | | | |
| 109857 Dup | | | | | | | | | | | | | | | | |
| 109869 Orig | | | | | | | | | | | | | | | | |
| 109869 Dup | | | | | | | | | | | | | | | | |
| 109885 Orig | | | | | | | | | | | | | | | | |
| 109885 Split PREP DUP | | | | | | | | | | | | | | | | |
| Method Blank | | | | | | | | | | | | | | | | |
| Method Blank | | | | | | | | | | | | | | | | |
| Method Blank | | | | | | | | | | | | | | | | |
| Method Blank | < 0.01 | 0.011 | < 0.001 | < 0.01 | < 2 | < 1 | < 1 | < 0.01 | < 20 | < 1 | < 2 | < 10 | < 1 | < 10 | < 1 | < 1 |

*Quality Analysis ...* *Innovative Technologies*

**Report No.:** **A20-06458**
**Report Date:** **29-Jun-20**
**Date Submitted:** **19-Jun-20**
**Your Reference:**

**RJ Issacs Holdings LTD**
**419 TheKingway**
**Etobicoke Ontario M9A 3W1**
**Canada**

**ATTN: Matt Legge**

# CERTIFICATE OF ANALYSIS

7 Pulp samples were submitted for analysis.

| The following analytical package(s) were requested: | | Testing Date: |
|---|---|---|
| 1C-Exp | QOP PGE ICP-MS (Fire Assay-ICPMS) | 2020-06-26 11:54:58 |

REPORT **A20-06458**



Notes:

We recommend reanalysis by fire assay Au, Pt, Pd Code 8 if values exceed upper limit.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

**ACTIVATION LABORATORIES LTD.**
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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

| Analyte Symbol | Pd | Pt | Au |
|---|---|---|---|
| Unit Symbol | ppb | ppb | ppb |
| Lower Limit | 1 | 1 | 2 |
| Method Code | FA-MS | FA-MS | FA-MS |
| 109836 | 3 | < 1 | 4 |
| 109858 | 1 | 1 | 5 |
| 109860 | 1 | 1 | 3 |
| 109867 | < 1 | < 1 | 11 |
| 109868 | 1 | 1 | 6 |
| 109879 | 1 | 2 | 3 |
| 109884 | < 1 | < 1 | 124 |

| Analyte Symbol | Pd | Pt | Au |
|---|---|---|---|
| Unit Symbol | ppb | ppb | ppb |
| Lower Limit | 1 | 1 | 2 |
| Method Code | FA-MS | FA-MS | FA-MS |
| PK2 Meas | 5560 | 4410 | 4480 |
| PK2 Cert | 5918 | 4749 | 4785 |
| 109860 Orig | 1 | 1 | 3 |
| 109860 Dup | 1 | 1 | 3 |
| Method Blank | < 1 | < 1 | < 2 |
| Method Blank | < 1 | < 1 | < 2 |