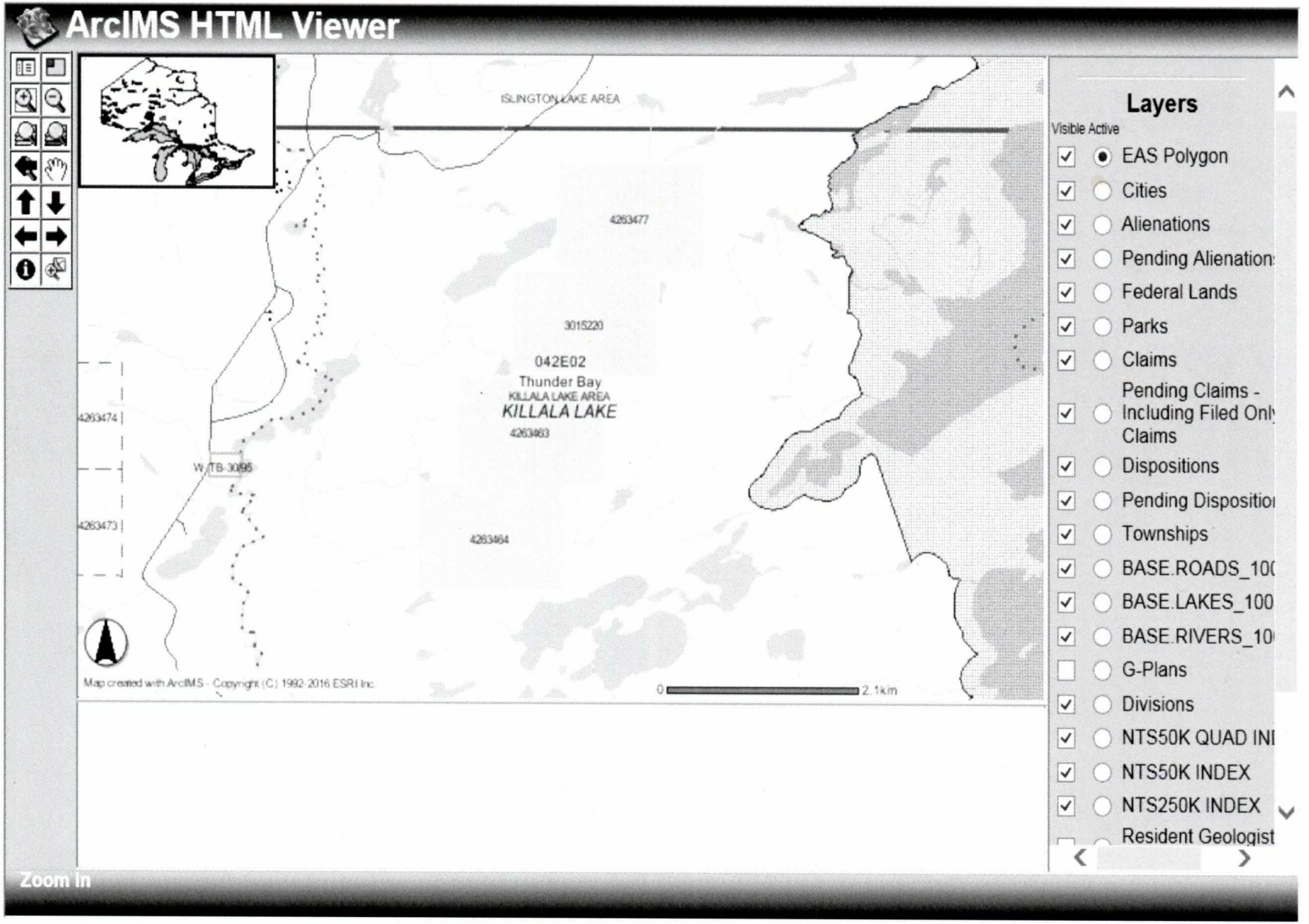
ArcIMS HTML Viewer
ISLINGTON LAKE AREA
4263477
3015220
042E02
Thunder Bay
KILLALA LAKE AREA
KILLALA LAKE
4263463
4263474
W_TB-3095
4263473
4263464
Map created with ArcIMS - Copyright (C) 1992-2016 ESRI Inc.
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Layers
Visible Active
EAS Polygon
Cities
Alienations
Pending Alienation
Federal Lands
Parks
Claims
Pending Claims - Including Filed Only Claims
Dispositions
Pending Disposition
Townships
BASE.ROADS_100
BASE.LAKES_100
BASE.RIVERS_10
G-Plans
Divisions
NTS50K QUAD IN
NTS50K INDEX
NTS250K INDEX
Resident Geologist
Zoom In

Lauzon, Deborah (MNDM)

From: pro@ndm.gov.on.ca
Sent: Friday, January 29, 2016 2:56 PM
To: Lauzon, Deborah (MNDM)
Cc: Pro (MNDM); Lauzon, Deborah (MNDM); Berdusco, Robina (MNDM); Jerome, Lucille (MNDM); Hamblin, Ann (MNDM); McAuley, James (MNDM); Scholtz, Daniel (MNDM); Roy, Julie (MNDM); Boucher, Joanne (MNDM); Guiseppi, Kira (MNDM); Henderson, Avery (MNDM); Cassandro, Tara (MNDM); Brown, Tabitha (MNDM); Rouleau, Rachelle (MNDM)
Subject: Submission receipt for Folder ID 22103

Submission receipt for Folder ID: 22103.
Receipt number: 7369
Date and time of submission: 1/29/2016 2:56:29 PM.
Submissions received after 4:30:00 PM EST will be date stamped as received on the next business day.
Aboriginal Consultation Costs Report:

WILDERNESS HELICOPTERS LTD.

DAILY FLIGHT REPORT No. 8959

A/C: G-MCJ Date: Oct 20-15

CHARTER ☐ CONTRACT ☐ NON-REV. ☐ FERRY ☐

PROJECT:

FOR: Rudy Wahl Prospecting

ADDRESS:

FLIGHT/PASSENGER DETAILS	Fuel Supplied By W.H.L.	Fuel Supplied By CUST.	TAKE OFF	LAND	TOTAL HRS.	TOTAL MIN.
Marathon → Killala Lk	✓		8:30	9:28	1.	0
local → Marathon						
Marathon → Killala Lk	✓		15:46	16:44	1.	0
local → Marathon						

PILOT'S SIG. .....

CUSTOMER'S SIG. .....

PAGE TOTAL	2.0
FWD.	-
PROJECT TTL.	2.0

REMARKS:

W&B. By
Flight Plan - Condor F.I.C.

2.0 Hours @ $ 1,720.00 per hour $ 3,440.00

Assessment Work Breakdown

Type of Work	Name & Address	Dates Worked	Days = 8 to 10 hours	Signature
Prospecting , Geological mapping, Hand Stripping, Rock sampling along Travers line on claim # 4263464	Rudolf Wahl Box 1022 Marathon, Ontario P0T 2E0 CLN # 206079	August 24, 2015 To August 28, 2015	5	R.W
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Total **46**

2.56590

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Total			**12**	

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A total of 58 days in between August 24, 2015 and October 20, 2015 where used for prospecting, hand stripping, geological mapping and rock sampling on the Killala Lake North Property.

Dated..October 28.....2015, Marathon, Ont. Signed.....Rudolf Wahl
(Rudolf Wahl)

Dated..October 28.....2015, Marathon, Ont. Signed.....Frederick Lowndes
(Frederick Lowndes)

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

This is your final copy. If you require an original to be mailed by post please advise, otherwise this email will be deemed sufficient.

Invoice No.: **A15-08176**
Purchase Order:
Invoice Date: **29-Oct-15**
Date submitted: **28-Sep-15**
Your Reference:
GST # : **R121979355**

Wahls Prospecting
Box 1022
Marathon ON P072E0
Canada

ATTN: **Rudy Wahl**

INVOICE

No. samples	Description	Unit Price	Total
7	RX1-T(TBAY)	$ 8.00	$ 56.00
7	8-REE Assay Package	$ 65.00	$ 455.00
7	8-Nb2O5 - XRF Option	$ 12.00	$ 84.00
7	disposal	$ 0.25	$ 1.75
		Subtotal: :	**$ 596.75**
		HST-13% :	$ 77.58
		AMOUNT DUE: (CAD) :	**$ 674.33**

Net 30 days. 1 1/2 % per month charged on overdue accounts.

Bank Transfers can be made to:
ACTIVATION LABORATORIES LTD at
ROYAL BANK OF CANADA
59 WILSON STREET WEST
ANCASTER, ONTARIO CANADA L9G 1N1
TRANSIT #: 00102 003 ACCOUNT #: 100 154 4
SWIFT CODE#: ROYCCAT2

Please reference the invoice number when making a payment by Bank/Wire transfer. Intermediary Bank Fees are the responsibility of the client.
Thank you!

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LAB 266
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ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1.905.648.9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL ancaster@actlabs.com ACTLABS GROUP WEBSITE http://www.actlabs.com

STATEMENT

ACCURASSAY LABORATORIES

1046 Gorham Street
Thunder Bay, ON
Canada P7B 5X5
Ph: (807) 626-1630
Fax: (807) 622-7571
www.accurassay.com

CUSTOMER NO.: 0383
PAGE: 1
DATE: 10/31/2015

SOLD TO: Wahl's Prospecting
PO Box 1022
Marathon, ON P0T2E0
Canada

Attn: Rudolf Wahl

PROVINCIAL RECORDING OFFICE - SUDBURY
RECEIVED
JAN 29 2016
A.M. P.M.

NEW REMIT TO ADDRESS:

Accurassay Laboratories Ltd.
PO Box 177
Lambeth Station
London, ON N6P 1P9

DOCUMENT NO.	DOC DATE	TY	REFERENCE/APPLIED NO.		AMOUNT	DOCUMENT NO.	AMOUNT	✓
IN123379	9/29/2015	IN	Job# 201543977	Ref:Phillip Escher	393.58	IN123379	~~393.58~~	
IN123467	10/27/2015	IN	Job# 201544537		235.94	IN123467	235.94	✓

Payment overdue. Please pay promptly.

Credit Limit: 0.00
Credit Available: 0.00

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AD - Adjustment
PI - Prepayment
UC - Unapplied Cash
RF - Refund

Total Due ⇨ 629.52

Total Due ⇨ 629.52

1 - 30 DAYS O/DUE	31 - 60 DAYS O/DUE	61 - 90 DAYS O/DUE	OVER 90 DAYS O/DUE
235.94	393.58	0.00	0.00

Accurassay Laboratories Ltd.

PROSPECTING REPORT

on

2.56590

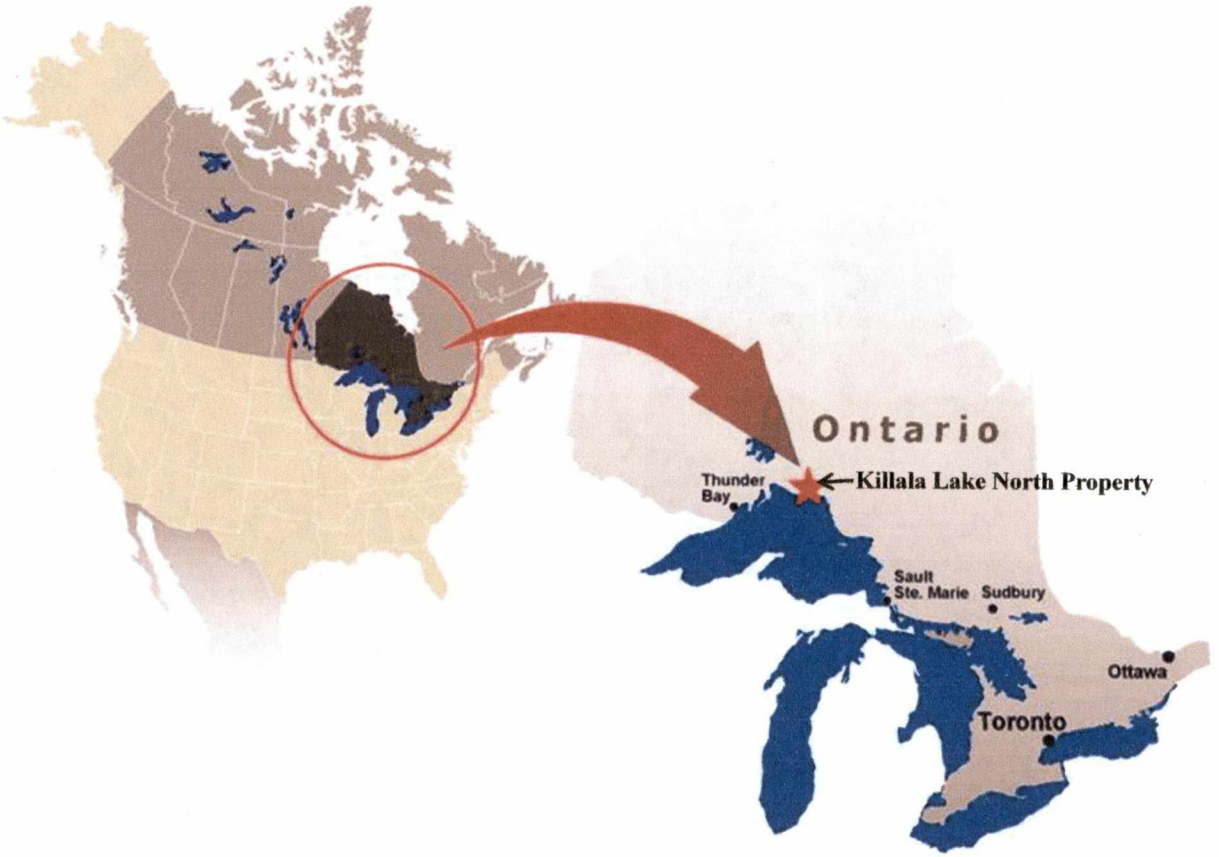
GEOLOGICAL MAPPING AND LITHOGEOCHEMICAL SAMPLING

KILLALA LAKE NORTH PROPERTY

THUNDER BAY MINING DIVISION

DISTRICT OF THUNDER BAY, ONTARIO

NTS 42D 15 NE



Marathon, Ontario
January 20, 2016

Rudolf Wahl, Prospector
Marathon, Ontario

Table of Contents

Appendices

1.0 Introduction

Between August 24, 2015 and January 20, 2016 general prospecting, geological mapping and rock sampling was conducted on the Killala Lake North property. We prospected the Killala Lake North property with emphasis on prospecting in order to locate significant mineralization and Kimberlite – Lamproite.

2.0 LOCATION AND ACCESS

The Killala Lake North property is situated in an area of rolling hills of relatively low relief. The maximum topographic relief is 120 meters. The property is forested with spruce, birch and cedar. Parts of the claims have been logged. Access is by truck from the town of Marathon and by4 wheeler on the old logging roads. The northeastern part of the property is accessed by Helicopter.
The property is centered approximately 85 kilometers from the town of Marathon. A network of logging roads provides access to most of the claims in the western part of the property only.

2.1 PROPERTY DESCRIPTION

Killala Lake North Property consists of 4 contiguous mining claim blocks (64 units, 1,024 hectare) recorded in good standing in Thunder Bay Mining Division within Killala lake Area Twp. (G- 0596)

Claims/units

3015220 (16), 4263463 (16), 4263464 (16), 4263477 (16)

Total 64 units

Assessment Work Breakdown

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(Rudolf Wahl)

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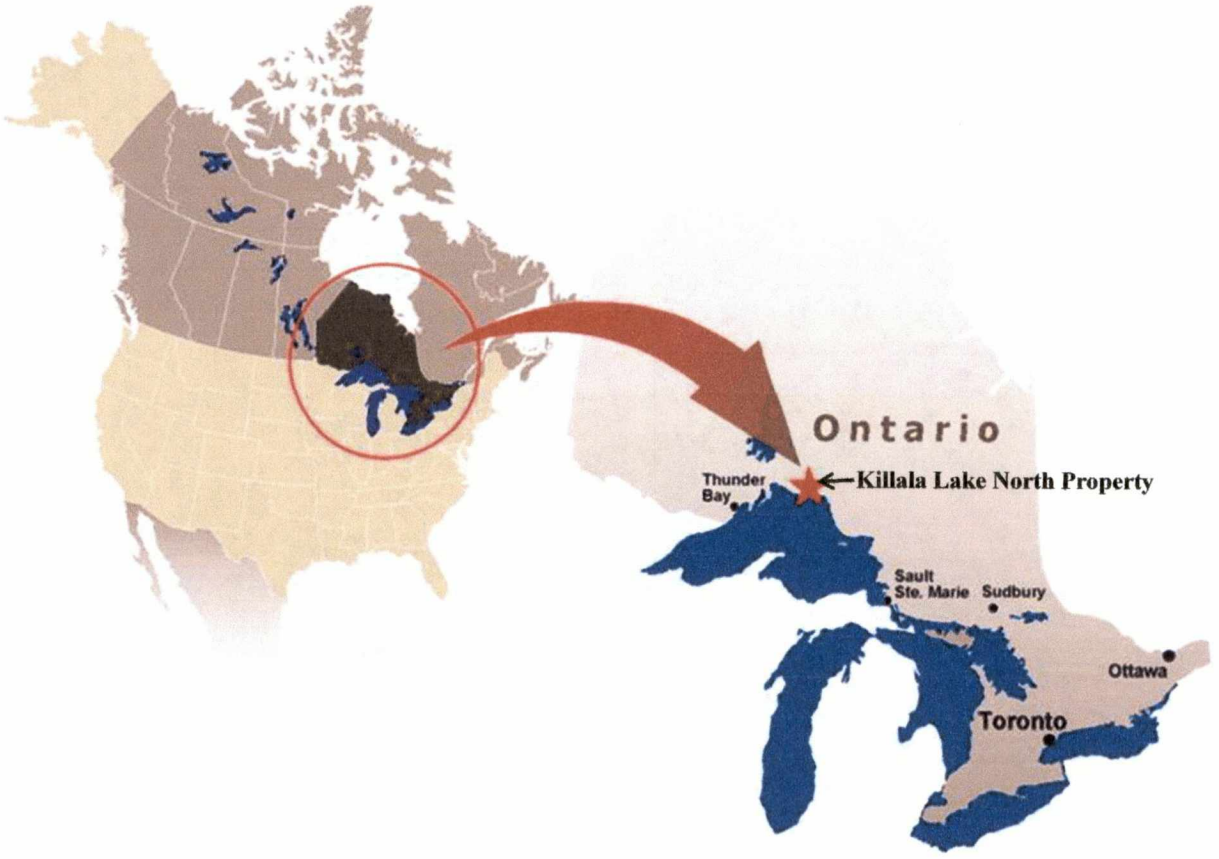
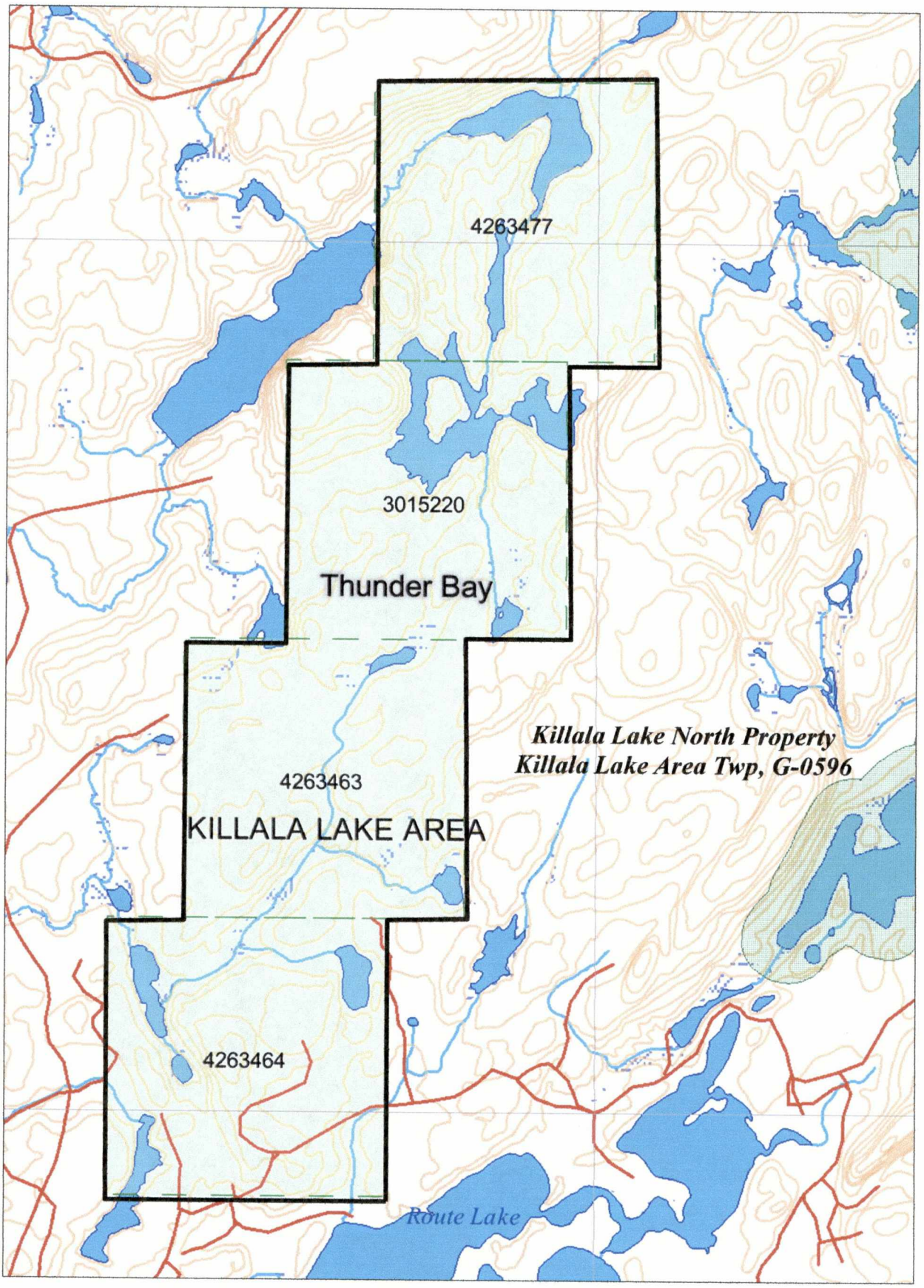
Killala Lake North Property Key Location Map




4263477
3015220
Thunder Bay
4263463
KILLALA LAKE AREA
4263464
Killala Lake North Property
Killala Lake Area Twp, G-0596
Route Lake

3.0 General Property Geology

The Killala Lake North claim blocks lies at the junction of the Wawa and Quetico subprovinces of the Superior Structural Province of the Canadian Shield. The rocks comprise east-west trending interbedded Archean meta-sedimentary and meta-volcanic rocks intruded by granitic and mafic intrusive rocks . Younger Proterozoic intrusions include the Marathon diabase dyke swarm and alkalic intrusions, of the Coldwell and Killala Lake alkalic-carbonatite complexes and lamprophyre dykes. The large number of dykes mapped in the area is clearly evident in the airborne magnetic survey as long linear anomalies with a variety of strikes. Including are some distinct magnetic lows that appear to reflect a north-northeast set of lamprophyre dykes.

The Trans-Superior Tectonic Zone (TSTZ) extends north-northeast through the area and appears to be the locus of the considerable intrusive activity present. The TSTZ is similar to other tectonic features in the Canadian Shield, such as the Kapuskasing Structural Zone and the Lake Timiskaming Structural, along which diamond deposits have been found. Indeed, diamondiferous kimberlites have been found in Michigan on the southern extension of the TSTZ. These major structures provide deep-seated zones of weakness that tap into the mantle and provide conduits along which kimberlites ascend. The bedrock is all of Precambrian age, but thick unconsolidated varved clays and silty sands of Pleistoncene and Recent age are found along the major drainage valleys. The Precambrian rock consist of acid and basic metavolcanics and minor metasedimentary units, intruded by serpentinite, granite, diabase, gabbro and alkalic gabbro, and syenite. The age sequence of the intrusive rocks has not been absolutely established. There is some doubt as to whether the diabase is older of younger than the alkalic intrusions and also doubt as to the position of the serpentinite in the sequence.

Rubidium-stronium age determinations on granite in the general area and on the alkalic syenite gave ages of 2,300 million years and 1,255 million years respectively. Copper-nickel and asbestos mineralization are associated with the serpentinite and copper and iron mineralization with the alkalic gabbro.

Nepheline natrolite syenites of the Coldwell and Killala lake alkaline complex exhibit rare wispy mafic-rich modal layering, extensive xenolith-rich zones and a wide variety of textural types, the latter resulting from the imposition of high temperature shearing and recrystallization on consolidated syenite. The textures developed range from allotriomorphic granular to porphyroclastic to mosaic granulob-lastic. The nepheline syenites are pyroxene-poor. Pyroxenes occur most commonly as corroded diopside to diopsidic hedenbergite cores surrounded by amphibole and less commonly as acmitic hedenbergite overgrowths upon cores of iron-rich amphiboles. Amphiboles are the dominant mafic phase and range from magnesian hastingsitic hornblende to hastingsite to hastingsitic hornblende to ferroedentic hornblende. Nephelines contain excess silica and have not equilibrated to compositions characteristic of low temperatures. Feldspars lack microcline twinning and perthites and have undergone extensive ion exchange at high sub-solidus temperatutes with sodium-rich fluids. Formation of late stage primary and replacement natrolite, muscovite and thomsonite is characteristic. The nepheline syenites are considered to be a part of a cycle of continental rift magmatism and to have been emplaced by cauldron subsidence as a hot hydrous magma. The rocks did not undergo long term subsolidus re-equilibration as the high temperature mineral assemblage has been preserved by uplift during post-intrusive regional block faulting. The nepheline syenites were probably dervied by extensive fractional crystallization of alkali basaltic magmas.

3.1 Glacial Geology

In glaciated terrain where much of the overburden is exotic it is important to understand the glacial history to establish the provenance of kimberlite indicator mineral anomalies. From glacial striae there are 2 ice flow directions at 220° and 170° – 190° with the 220° direction being the oldest (OGS, 2000a). The 220° direction is present throughout the area while the 170° – 190° direction is only present in the south. A sub-glacial 'lodgement' till with material derived from local bedrock is present almost everywhere, affords the best sample medium. Many of the glacial deposits related to glacial retreat contain carbonate in the matrix derived from the closest Palaeozoic rocks a long way away in the James Bay Lowlands. Both glaciofluvial and glaciolacustrene deposits are present that can re-arrange and mask indicator mineral trains. Post glacial landforms such as sand dunes and shoreline features, which can also affect the disposition of the till, are also present. In OGS (2000a), no glacial transport distance is offered for the area, so an estimate of the proximity of the kimberlite source rocks cannot be made.

Note from the OGS open file report # 6013 - 2000 page 45, where the new Diamond discover is located.

Caution is warranted, the upper part of the Little Pic River area may be a good place to explore for kimberlite for several reasons. These include: 1) there are not one, but 3 sites that have a strong KIM signature while other sites around them do not; 2) each site consists of more than one KIM type; 3) the river does cut to bedrock; 4) all 3 sites are located at a major intersection between structures associated with the TSTZ and the Killala Lake Deformation Zone; and 5) there are a number of magnetic anomalies (bull's-eye) immediately up-ice from the sites as illustrated on magnetic maps.

4.0 Prospecting / Geological Mapping

Most of the Killala Lake North property was geologically mapped and prospected / sampled with emphasis on prospecting in order to locate significant mineralization and Kimberlite – Lamproite on the property.

5.0 Work conducted on the Killala Lake North property.

The Killala Lake North property consists of 4 mining claim (64 units, 1,024 hectare) recorded in good standing in Thunder Bay Mining Division within Killala Lake Area Township (G-0596).

Work conducted on claim:

Claims/units
4263463 (16), 4263463 (16)
Total 32 units

5.1 Work completed

a. Geological mapping on traverse lines.

b. Rock sampling over mineralized out crops along traverse lines.

c. Rock sample where collected by UTM: ZONE 16 NAD 83 locations.

d. All sample where taking with a Geo tool.

e. A total of 16 rock sample where obtained for gold and PGE elements

f. Topographic features (trail, lakes, creek) were also used to control mapping and prospecting.

6.0 Results and Conclusion

16 Rock samples were collected from the Killala Lake North property in regards to gold / PGE and rare earth potential. Most of the Killala Lake North property was geologically mapped and prospected with emphasis on prospecting in order to locate Kimberlite & Lamproite and significant mineralization. We did locate some old drill core from Ripple Lake Diamonds drill program what was conducted in spring 2008 on the claim blocks. Pictures of the drill core trays are in appendix III, no mineralization was noted within the drill cores in regards to Kimberlite/Lamproite or any other potential minerals.
We investigated some circular magnetic anomalies on the property and found that these anomalies need to be drilled since the anomalies are under swamps and under glacial till.

Panning exploration by Ripple Lake Diamonds of Quaternary sediments in Killala Lake area allowed to identifying a linear zone a multimineralic, high-contrast dispersion halo of short-transit kimberlitic association KIM-1. This zone appears as a narrow (not wider than 1 km), 20 km long, NE-trending zone extending along the western shores of Route Lake, Kilala Lake and Sandspit Lake, from the left side of Little Pic River on the SW to Kagiana Lake on the NE. This zone, denoted as ***Promising area A***, is also characterized by the presence of picroilmenite grains with spots of kimberlitic material and even fragments of kimberlite rocks in panned samples. The presence of kimberlites within this zone is doubtless. The southwestern part of this zone is best prepared for direct exploration for kimberlites. The high abundance and ubiquitous occurrence of picroilmenite grains within the halo and the high concentration of picroilmenite in the samples might suggest that the kimberlitic source is rather large, or that there is much more than one kimberlite body in this zone. ***The Killala Lake North property are within the area of potential kimberlite.***

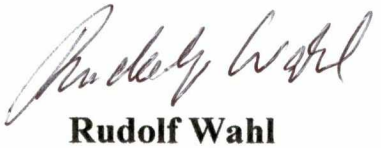
The Killala Lake North Property was also covered by a high resolution helicopter airborne magnetic and electromagnetic geophysical survey as part of the Ontario Geological Survey and part of the work that was done by Ripple Lake Diamonds work program. This survey outlined a number of circular anomalies which look similar to the signature of kimberlite pipes.

6.1 RECOMMENDATIONS

Due to the discovery of kimberlitic fragments and kimberlite indicator minerals within the claim blocks and the favorable stratigraphy on the Killala Lake North property in regards to Kimberlite – Lamproite, further prospecting is warranted within the claim block area. It is recommended to perform a ground magnetic survey over the circular anomalies within the property to outline drill targets for diamond drilling.

Respectfully submitted

Marathon, Ontario
January 20, 2016

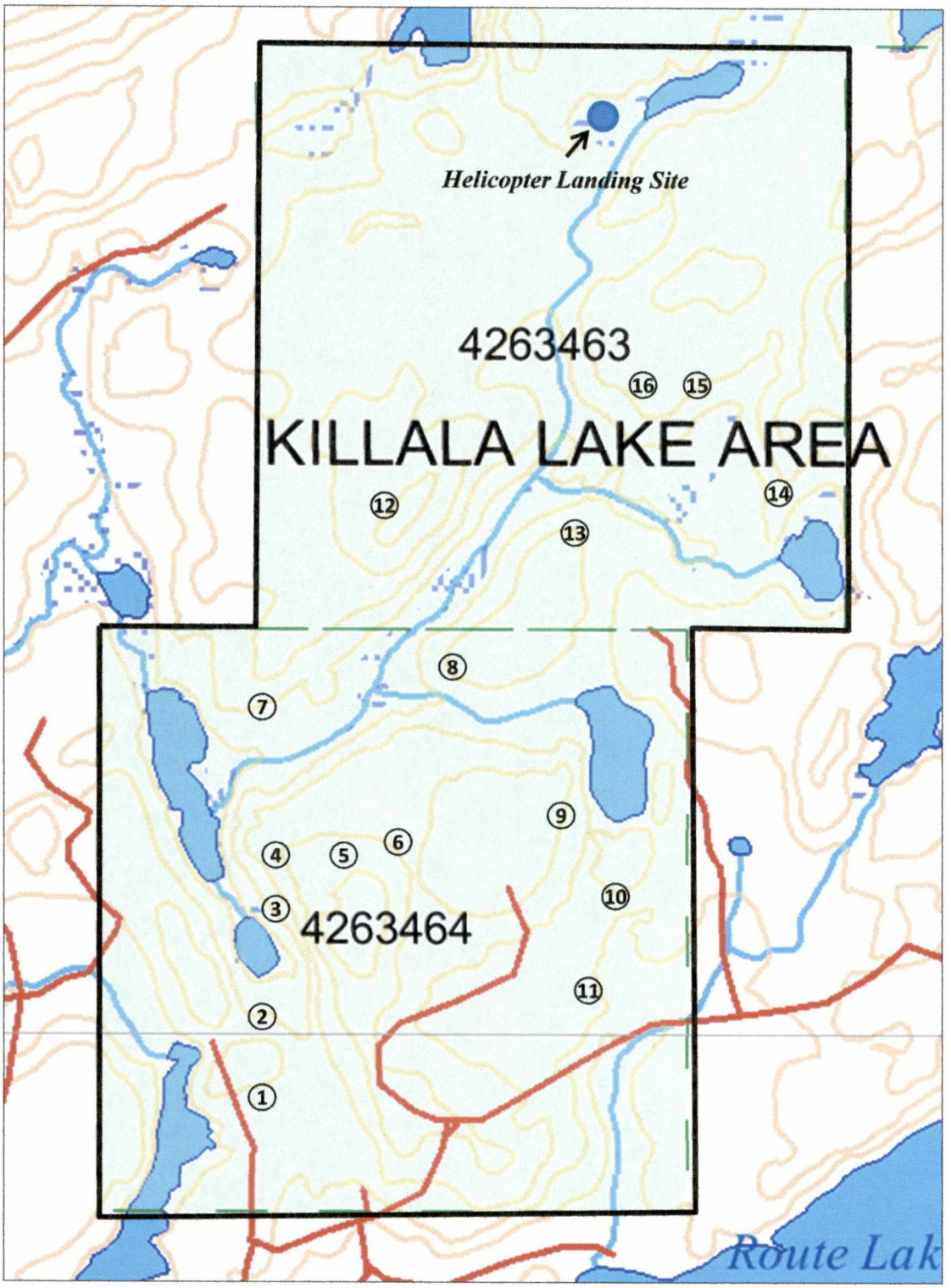


Rudolf Wahl
Prospector

2.56590

Appendix I

Killala Lake North Property Sample Location



Killala Lake North Property Sample Location, UTM ZONE 16 NAD 83

Sample Location #	*Sample #*	*Easting*	*Northing*
1	575775	527645	5434851
2	575777	527647	5435061
3	575778	527670	5435365
4	575779	527752	5435482
5	575780	527891	5435473
6	575781	528038	5435493
7	575782	527698	5435916
8	997365	528182	5436026
9	997366	528476	5435612
10	997367	528631	5435398
11	997368	528583	5435131
12	997369	527999	5436425
13	997370	528519	5436348
14	997371	529086	5436498
15	997372	528833	5436779
16	997373	528668	5436755
Helicopter landing site		528607	5437495

Appendix II

DESCRIPTION OF ROCK SAMPLES
(See Geological map for sample location)

Sample Location #	*Sample #*	*Rock Sample Description*
1	575775	Pegmatite with quartz veining, 1 ½ % sulphide
2	575777	Coarse grained Pegmatite with quartz veining, 1 ½ % sulphide
3	575778	Pegmatite with quartz veining, 1 ½ % sulphide
4	575779	Pegmatite with quartz veining, 2 % sulphide
5	575780	Pegmatite, light carbonated
6	575781	Coarse grained Pegmatite, medium carbonated
7	575782	Pegmatite, highly carbonated
8	997365	Gabbro, light carbon, 1% Sulphide
9	997366	Gabbro dyke 1 ½ % Sulphide,
10	997367	Gabbro with quarts stringers light carbon, ½ % Sulphide
11	997368	Gabbro dyke 2 ½ % Sulphide
12	997369	Gabbro dyke 1 ½ % Sulphide
13	997370	Gabbro dyke, light carbon, ½ % Sulphide
14	997371	Gabbro dyke ½ % Sulphide
15	997372	Gabbro / Diabase 1% Sulphide
16	997373	Gabbro / Diabase 1 ½ % Sulphide

Appendix III

Lamprophyre dyke claim # 4263464 UTM location NAD 83 Zone 16 527815E 5435953N

Old Drill Core claim # 4263464 UTM location NAD 83 Zone 16 527937E 5434591N

Old Drill Core claim # 4263464 UTM location NAD 83 Zone 16 528351E 5434876N

Old Drill Core claim # 4263464 UTM location NAD 83 Zone 16 528872E 5434958N

Old Drill Core claim # 4263464 UTM location NAD 83 Zone 16 528026E 5436717N

Old Drill Core claim # 4263464 UTM location NAD 83 Zone 16 528108E 5436679N

Appendix IV

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

Date Submitted: 28-Sep-15
Invoice No.: A15-08176 (i)
Invoice Date: 29-Oct-15
Your Reference:

Wahls Prospecting
Box 1022
Marathon ON P072E0
Canada

ATTN: Rudy Wahl

CERTIFICATE OF ANALYSIS

7 Rock samples were submitted for analysis.

The following analytical package was requested:

Code 8-Nb2O5 - XRF Option XRF
Code 8-REE Assay Package Major Elements Fusion ICP(WRA)/Trace Elements Fusion ICP/MS(WRA4B2)

REPORT **A15-08176 (i)**

Notes:

Total includes all elements in % oxide to the left of total.

Footnote: Zr interference on Ag

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

SCC Accredited LAB
LAB Accrédité CCN

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

Results

Analyte Symbol	Nb2O5	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.003	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1
Method Code	FUS-XRF	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
575775	0.043	40.99	0.85	13.61	0.729	2.14	19.04	0.09	0.28	0.339	5.47	15.08	98.62	20	3	134	70	12	< 20	10	100	14	2
575777	0.098	56.74	13.85	11.56	0.591	0.19	0.12	0.74	11.13	1.119	0.10	3.76	99.90	29	3	304	50	10	< 20	< 10	160	25	1
575778	0.082	56.22	14.38	8.61	0.403	1.49	1.94	1.97	8.66	0.745	0.08	5.49	99.99	20	3	224	50	8	20	< 10	100	27	2
575779	0.106	53.09	13.96	10.23	0.465	0.11	1.78	0.20	12.97	1.461	1.47	3.29	99.04	20	2	300	80	13	20	< 10	130	25	2
575780	0.084	48.54	11.93	10.04	0.555	0.23	7.25	0.27	10.26	1.060	5.52	3.40	99.04	18	2	209	50	15	30	10	90	25	2
575781	0.027	37.94	10.30	9.16	0.349	4.85	11.26	2.80	4.92	0.502	0.04	16.38	98.50	23	2	180	150	27	60	150	230	18	1
575782	0.049	49.32	14.53	7.31	0.266	0.86	6.25	2.08	10.40	0.748	1.53	6.84	100.1	15	2	121	50	7	< 20	20	100	26	2

Results

Analyte Symbol	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	2	2	2	4		2	0.5	0.2	1	0.5	0.5	3	0.4	0.1	0.1	0.05	0.1	0.1	0.05	0.1	0.1	0.1
Method Code	FUS-MS	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
575775	17	6	1709	1342	45		8	< 0.5	< 0.2	4	1.0	< 0.5	440	< 0.4	865	1870	228	964	260	99.5	340	57.1	303
575777	46	165	108	153	2591		< 2		0.3	16	2.2	< 0.5	1366	< 0.4	152	886	44.3	174	41.1	13.7	30.5	4.4	24.0
575778	28	125	144	87	1519		< 2		0.2	8	1.1	< 0.5	2444	< 0.4	312	656	71.4	269	46.9	13.8	32.8	3.6	14.6
575779	15	190	396	477	581		< 2	1.7	< 0.2	10	0.9	< 0.5	5120	< 0.4	181	540	50.4	212	73.5	29.7	95.6	17.8	106
575780	29	156	1289	1106	453		< 2	1.5	< 0.2	6	0.9	< 0.5	5418	< 0.4	499	1010	114	476	161	69.2	238	45.9	263
575781	19	81	786	120	35		16	< 0.5	< 0.2	2	0.8	< 0.5	655	< 0.4	391	793	87.1	333	60.1	15.2	37.6	4.5	24.4
575782	7	160	627	844	700		7	2.3	< 0.2	3	< 0.5	< 0.5	1688	< 0.4	185	399	46.7	200	70.9	29.4	106	23.0	152

Results

Analyte Symbol	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.1	0.05	0.1	0.04	0.2	0.1	1	0.1	5	0.1	0.1
Method Code	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
575775	46.0	100	11.0	54.3	6.09	1.9	11.2	10	0.1	53	745	44.3
575777	4.6	13.6	2.04	13.6	1.95	27.5	47.1	25	1.0	30	445	33.8
575778	2.3	6.8	0.96	7.1	1.04	15.7	32.0	19	0.6	19	184	25.6
575779	17.9	41.3	5.56	28.6	3.08	7.4	38.0	36	0.9	45	569	27.2
575780	42.8	95.8	12.1	60.9	6.79	8.2	32.2	23	0.8	50	557	84.6
575781	4.4	12.3	1.45	7.4	0.91	0.9	3.0	5	0.5	38	260	7.1
575782	29.1	75.1	10.2	51.0	5.93	8.1	14.4	10	0.6	30	300	21.8

QC

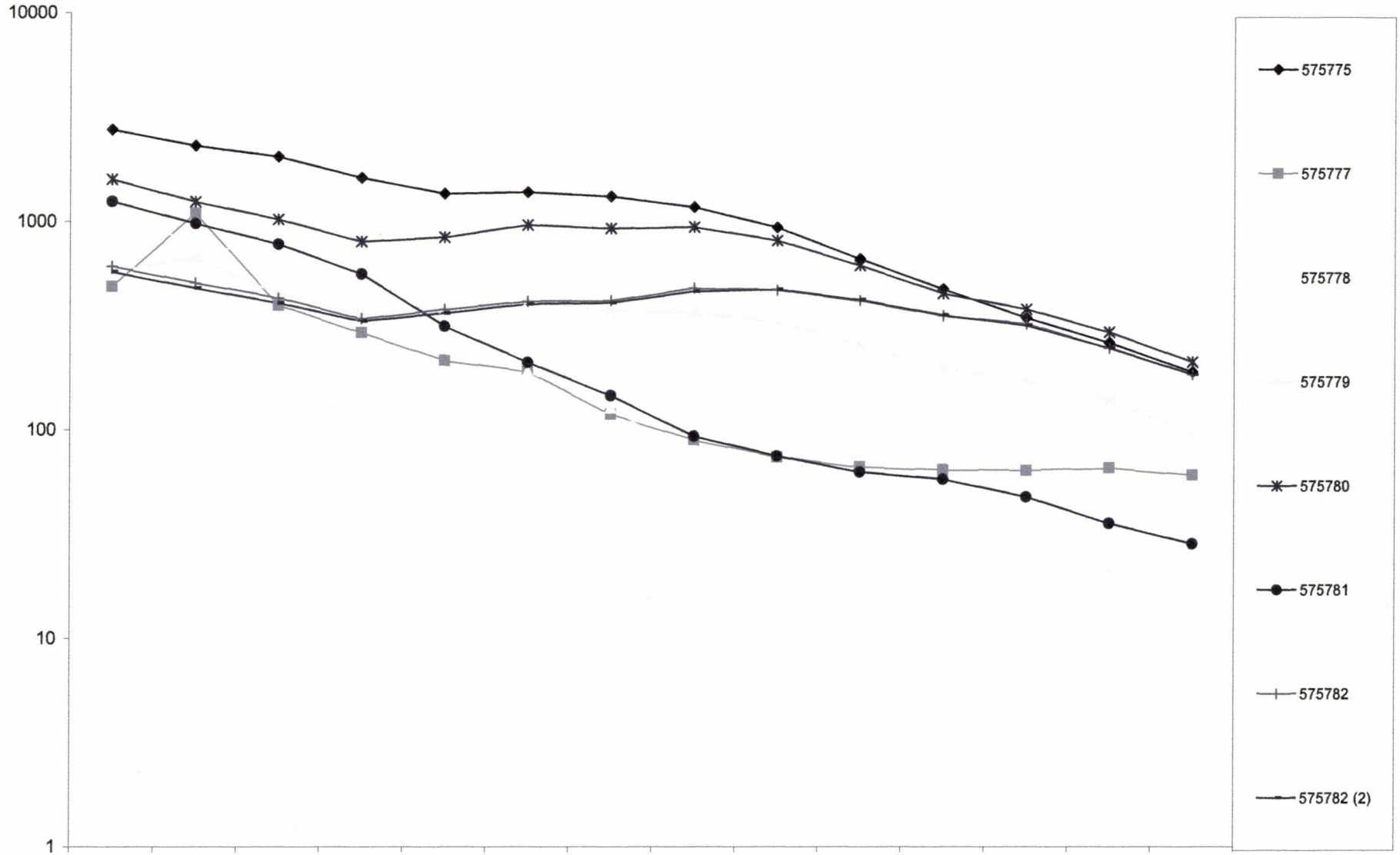
Analyte Symbol	Nb2O5	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.003	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	1
Method Code	FUS-XRF	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
NIST 694 Meas		11.37	1.93	0.74	0.010	0.35	42.97	0.88	0.55	0.120	30.34					1619							
NIST 694 Cert		11.2	1.80	0.790	0.0116	0.330	43.6	0.860	0.510	0.110	30.2					1740							
DNC-1 Meas		47.23	18.11	9.81	0.150	9.98	11.47	1.89	0.22	0.480	0.06			31		155		61	250	100	70	15	
DNC-1 Cert		47.15	18.34	9.97	0.150	10.13	11.49	1.890	0.234	0.480	0.070			31		148		57	247	100	70	15	
LKSD-3 Meas																	80	31			150		
LKSD-3 Cert																	87.0	30.0			152		
W-2a Meas		52.83	15.66	10.81	0.170	6.34	11.02	2.23	0.62	1.080	0.10			36	< 1	273	90	43		110	70	17	1
W-2a Cert		52.4	15.4	10.7	0.163	6.37	10.9	2.14	0.626	1.06	0.130			36.0	1.30	262	92.0	43.0		110	80.0	17.0	1.00
SY-4 Meas		50.31	21.22	6.19	0.110	0.51	8.02	7.08	1.71	0.290	0.10			1	3	9							
SY-4 Cert		49.9	20.69	6.21	0.108	0.54	8.05	7.10	1.66	0.287	0.131			1.1	2.6	8.0							
CTA-AC-1 Meas																					40		
CTA-AC-1 Cert																					38.0		
BIR-1a Meas		47.49	15.44	11.29	0.170	9.59	13.52	1.78	0.02	0.970	0.06			43	< 1	330	400	52	170	130		16	
BIR-1a Cert		47.96	15.50	11.30	0.175	9.700	13.30	1.82	0.030	0.96	0.021			44	0.58	310	370	52	170	125		16	
NCS DC86312 Meas																							
NCS DC86312 Cert																							
ZW-C Meas																							
ZW-C Cert																							
VS-N Meas	0.098																						
VS-N Cert	0.10																						
NCS DC70009 (GBW07241) Meas																	30	4		980	110	19	11
NCS DC70009 (GBW07241) Cert																	30	3.7		960	100	16.5	11.2
OREAS 100a (Fusion) Meas																		17		170			
OREAS 100a (Fusion) Cert																		18.1		169			
OREAS 101a (Fusion) Meas																		48		430			
OREAS 101a (Fusion) Cert																		48.8		434			
JR-1 Meas																			< 20		< 30	17	
JR-1 Cert																			1.67		30.6	16.1	
NCS DC86318 Meas																							
NCS DC86318 Cert																							
SARM 3 Meas	0.147																						
SARM 3 Cert	0.14																						
SX58-04 (DH 5804) Meas	0.380																						
SX58-04 (DH 5804) Cert	0.369																						
USZ 42-2006 Meas																							
USZ 42-2006 Cert																							
575782 Orig		49.30	14.54	7.28	0.265	0.86	6.25	2.08	10.40	0.747	1.53	6.84	100.1	15	2	122	50	7	< 20	20	100	25	1
575782 Dup		49.35	14.52	7.33	0.266	0.86	6.26	2.08	10.40	0.748	1.54	6.84	100.2	15	3	121	50	7	< 20	20	100	26	2
Method Blank																	< 20	< 1	< 20	< 10	< 30	< 1	< 1
Method Blank	< 0.003																						

QC

Analyte Symbol	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.1	0.1	0.05	0.1	0.1	0.05	0.1	0.1	0.1
Method Code	FUS-MS	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
NIST 694 Meas																							
NIST 694 Cert																							
DNC-1 Meas		4	141	16	39						0.9		104					5.2		0.55			
DNC-1 Cert		5	144.0	18.0	38						0.96		118					5.20		0.59			
LKSD-3 Meas	25														51.2	96.2		47.9	8.7	1.60			5.0
LKSD-3 Cert	27.0														52.0	90.0		44.0	8.00	1.50			4.90
W-2a Meas		20	197	20	94		< 2	< 0.5			0.8	0.9	172	< 0.4				14.0	3.6			0.6	
W-2a Cert		21.0	190	24.0	94.0		0.600	0.0460			0.790	0.990	182	0.0300				13.0	3.30			0.630	
SY-4 Meas			1201	121	538								354										
SY-4 Cert			1191	119	517								340										
CTA-AC-1 Meas															2210	3310				49.7			
CTA-AC-1 Cert															2176	3326				46.7			
BIR-1a Meas			108	13	17						0.6		6					2.6	1.1	0.54	2.1		
BIR-1a Cert			110	16	18						0.58		6					2.5	1.1	0.55	2.0		
NCS DC86312 Meas															2280	177		1630			245	33.2	186
NCS DC86312 Cert															2360	190		1600			225.0	34.6	183
ZW-C Meas												259											
ZW-C Cert												260											
VS-N Meas																							
VS-N Cert																							
NCS DC70009 (GBW07241) Meas	75								1.2	1640	2.9				24.5	61.8	8.30	34.5	13.3			3.2	22.3
NCS DC70009 (GBW07241) Cert	69.9								1.3	1701	3.1				23.7	60.3	7.9	32.9	12.5			3.3	20.7
OREAS 100a (Fusion) Meas							26								274	496	49.8	159	25.5	3.99	22.8	3.7	24.6
OREAS 100a (Fusion) Cert							24.1								260	463	47.1	152	23.6	3.71	23.6	3.80	23.2
OREAS 101a (Fusion) Meas							22								867	1440	140	420	53.3	8.45		5.4	33.5
OREAS 101a (Fusion) Cert							21.9								816	1396	134	403	48.8	8.06		5.92	33.3
JR-1 Meas		231				14	4	< 0.5	< 0.2	2	1.1	22.7			20.0	47.9	6.20	24.0	6.0	0.28		1.0	
JR-1 Cert		257				15.2	3.25	0.031	0.028	2.86	1.19	20.8			19.7	47.2	5.58	23.3	6.03	0.30		1.01	
NCS DC86318 Meas		377										10.4			2020	440	769	3340	1750	19.8	2300	504	3150
NCS DC86318 Cert		369.42										10.28			1960	430	740	3430	1720	18.91	2095	470	3220
SARM 3 Meas																							
SARM 3 Cert																							
SX58-04 (DH 5804) Meas																							
SX58-04 (DH 5804) Cert																							
USZ 42-2006 Meas																							
USZ 42-2006 Cert																							
575782 Orig	5	158	627	846	740		7	2.3	< 0.2	3	< 0.5	< 0.5	1685	< 0.4	190	410	48.0	203	72.2	29.8	107	23.3	152
575782 Dup	8	161	627	842	659		7	2.3	< 0.2	3	0.5	< 0.5	1691	< 0.4	180	388	45.4	198	69.6	28.9	105	22.6	153
Method Blank	< 5	< 2				< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5		< 0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.1	< 0.05	< 0.1	< 0.1	< 0.1
Method Blank																							

QC

Analyte Symbol	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.1	0.05	0.1	0.04	0.2	0.1	1	0.1	5	0.1	0.1
Method Code	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
NIST 694 Meas												
NIST 694 Cert												
DNC-1 Meas				2.0						6		
DNC-1 Cert				2.0						6.3		
LKSD-3 Meas						5.1	0.7				11.9	5.0
LKSD-3 Cert						4.80	0.700				11.4	4.60
W-2a Meas	0.8	2.3		2.2	0.32			< 1	< 0.1		2.2	0.5
W-2a Cert	0.760	2.50		2.10	0.330			0.300	0.200		2.40	0.530
SY-4 Meas												
SY-4 Cert												
CTA-AC-1 Meas				11.9	1.19							4.5
CTA-AC-1 Cert				11.4	1.08							4.4
BIR-1a Meas				1.8	0.29	0.6						
BIR-1a Cert				1.7	0.3	0.60						
NCS DC86312 Meas	36.7	105	13.9	85.9	12.4							
NCS DC86312 Cert	36	96.2	15.1	87.79	11.96							
ZW-C Meas							82.2	336	33.9			
ZW-C Cert							82	320	34			
VS-N Meas												
VS-N Cert												
NCS DC70009 (GBW07241) Meas	4.7				2.54			2080		80	30.7	
NCS DC70009 (GBW07241) Cert	4.5				2.4			2200		81.2	28.3	
OREAS 100a (Fusion) Meas			2.43	15.9	2.27						56.2	143
OREAS 100a (Fusion) Cert			2.31	14.9	2.26						51.6	135
OREAS 101a (Fusion) Meas	7.0		3.10		2.81						38.8	445
OREAS 101a (Fusion) Cert	6.46		2.90		2.66						36.6	422
JR-1 Meas			0.72		0.73	4.6	1.8	2	1.5	18	28.3	9.0
JR-1 Cert			0.67		0.71	4.51	1.86	1.59	1.56	19.3	26.7	8.88
NCS DC86318 Meas	596	1720	273	1820	263						67.2	
NCS DC86318 Cert	560	1750	270	1840	260.0						67.0	
SARM 3 Meas												
SARM 3 Cert												
SX58-04 (DH 5804) Meas												
SX58-04 (DH 5804) Cert												
USZ 42-2006 Meas											934	
USZ 42-2006 Cert											946	
575782 Orig	29.0	74.8	10.3	51.0	5.92	8.3	14.5	10	0.6	30	307	22.4
575782 Dup	29.3	75.3	10.1	51.1	5.93	8.0	14.3	9	0.5	29	292	21.1
Method Blank	< 0.1	< 0.1	< 0.05	< 0.1	< 0.04	< 0.2	< 0.1	< 1	< 0.1	< 5	< 0.1	< 0.1
Method Blank												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575782 (2)

ACCURASSAY LABORATORIES
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assay@accurassay.com

Thursday, October 22, 2015

Final Certificate

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Marathon, ON, CAN
P0T2E0
Ph#: (807) 229-1165
Fax#: (807) 229-3155
Email: rwahl@renegadeisp.com

Date Received: 10/13/2015
Date Completed: 10/22/2015
Job #: 201544537
Reference:
Sample #: 9

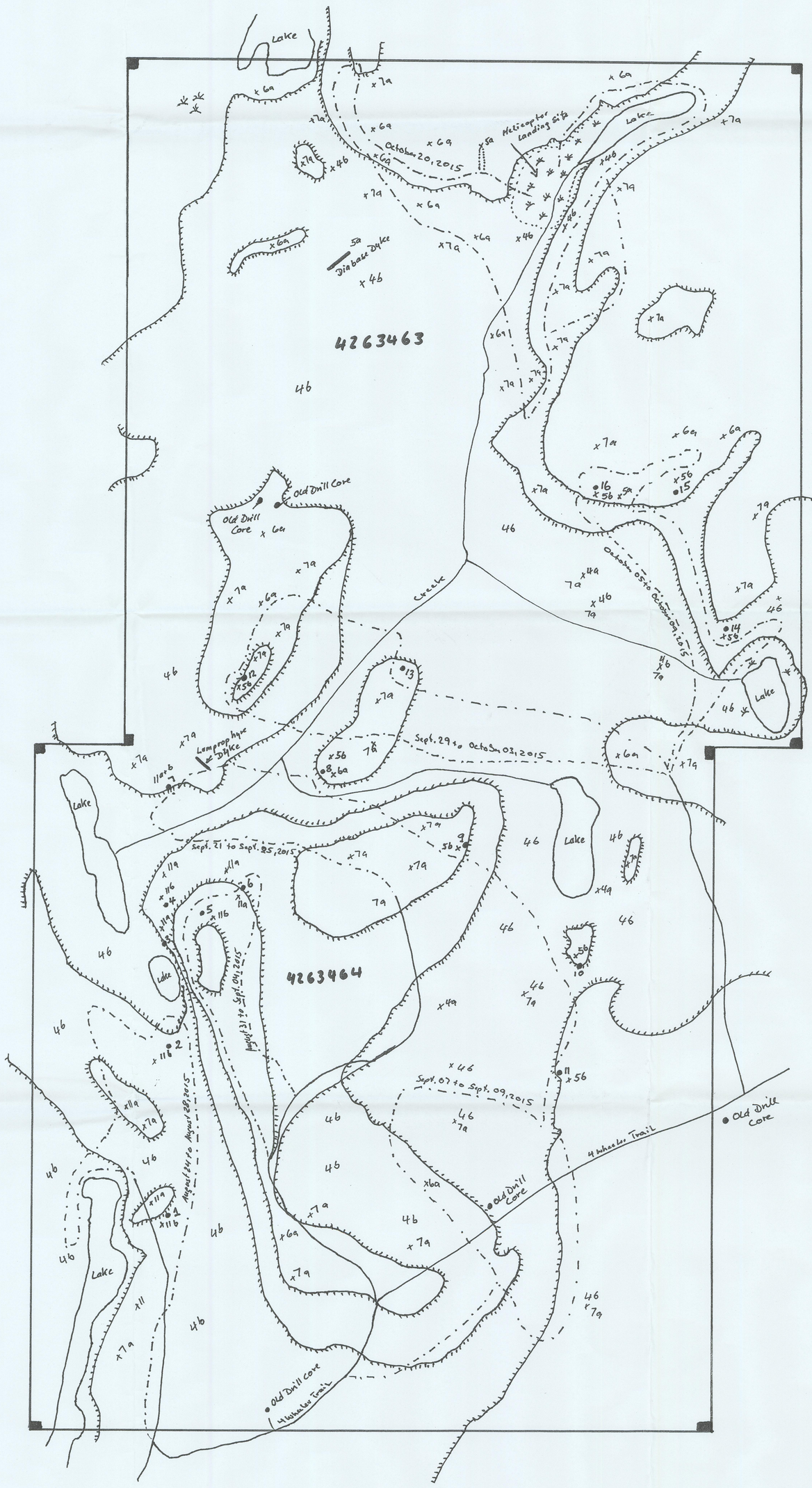
Acc #	Client ID	Au ppb	Pt ppb	Pd ppb	Rh ppb
391760	997365	<5	<15	<10	
391761	997366	<5	<15	<10	
391762	997367	<5	<15	<10	
391763	997368	<5	<15	<10	
391764	997369	<5	<15	<10	
391765	997370	<5	<15	<10	
391766	997371	<5	<15	10	
391767	997372	<5	<15	12	
391768	997373	<5	<15	<10	
391769 Dup	997373	5	17	<10	

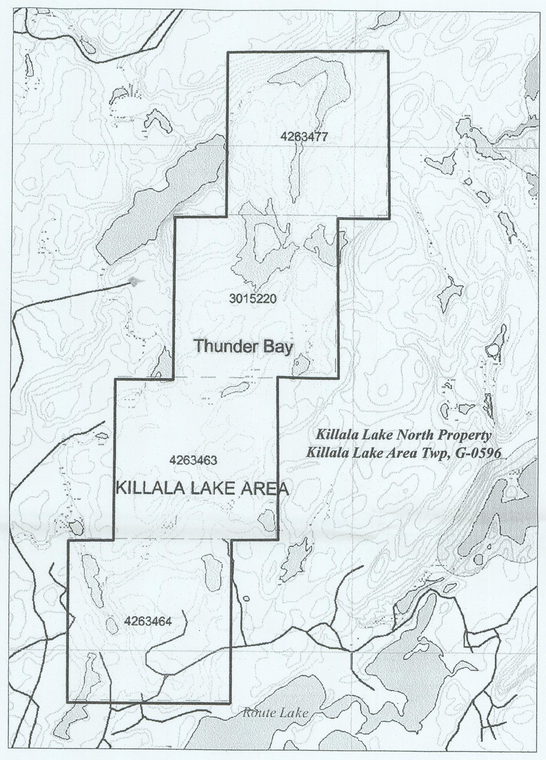
PROCEDURE CODES: ALP1, ALPG1

The results included on this report relate only to the items tested.
The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

Certified By: Jason Moore, VP Operations, Assayer

AL907-0383-10/22/2015 3:06 PM





LEGEND

PRECAMBRIAN PROTEROZONIC KILLALA LAKE ALKALIC COMPLEX

11a Pegmatite,

11b Pegmatite coarse grained

LATE SILICIC PLUTONIC ROCKS

7a Biotite granite - gneiss

EARLY SILICIC PLUTONIC ROCKS

6a Hornblende - biotite granodiorite gneiss

LATE MAFIC INTRUSIVE ROCKS

5a Diabase

5b Gabbro

SAND - GLACIAL TILL

4a Sand
4b Glacial Till

SYMBOLS

- *Downslope*
- *X Bedrock*
- *Muskeg or swamp*
- *Claim Post*
- *Traverse Line*
- *4 Wheeler Trail*
- *1 Rock sample location*

Wahl Prospecting		
KILLALA LAKE NORTH PROPERTY KILLALA LAKE AREA Twp. G-0596 Thunder Bay M.D. Ontario Geology and Rock Sample Locations		
Prep. by Rudolf Wahl	December 2015	Dwg.#
Drawn by Rudolf Wahl	Scale 1 : 5000	1

Meters

0 50 100 150 200 250 300 350 400

Scale 1cm = 50 meters

N

2.56590