

PROSPECTING REPORT

on

GEOLOGICAL MAPPING AND LITHOGEOCHEMICAL SAMPLING

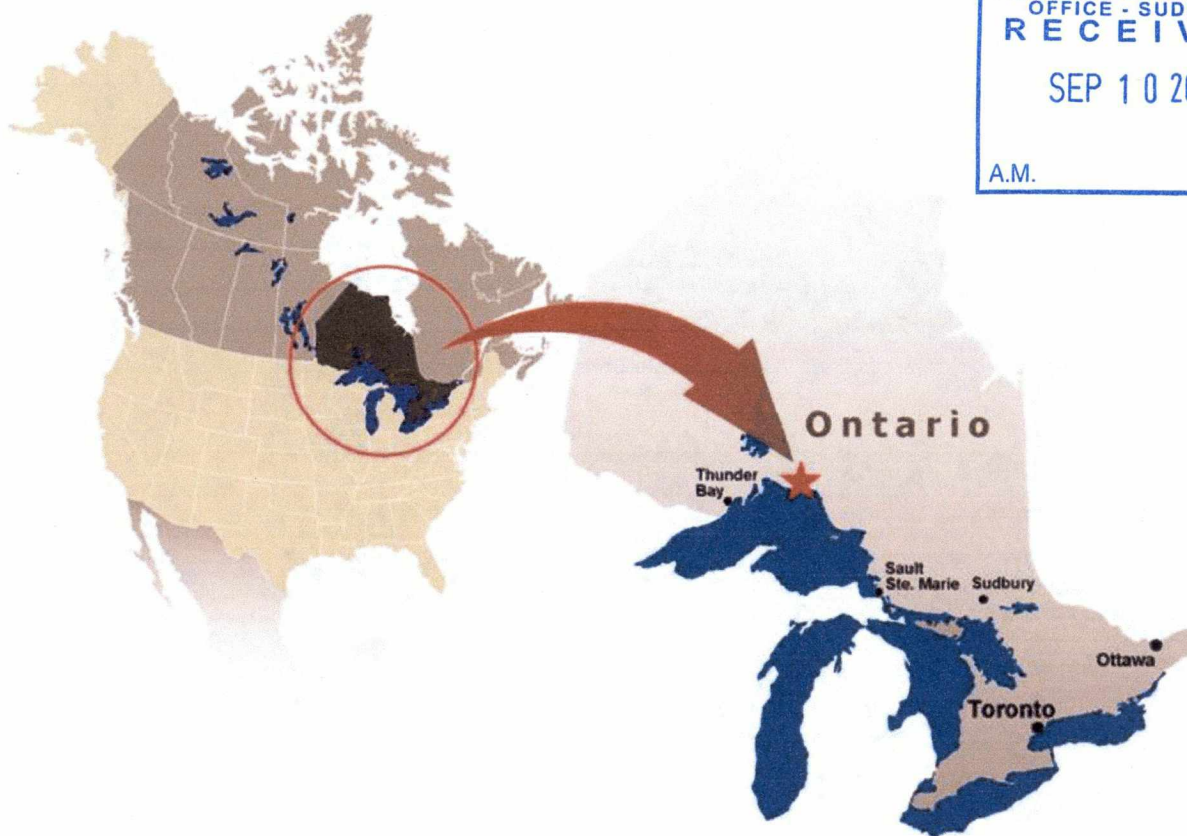
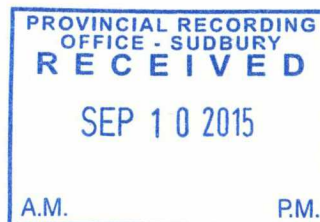
PRAIRIE LAKE PROPERTY

THUNDER BAY MINING DIVISION

DISTRICT OF THUNDER BAY, ONTARIO

NTS 42D 15 NE

2·56230



**Marathon, Ontario
August 2015**

**Rudolf Wahl, Prospector
Marathon, Ontario**

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Map 1 - Geology - Travers - Sample location, scale 1:5000

Map 2 - Claim map

1.0 Introduction

Between September 25, 2014 and December 07, 2014 general prospecting, hand stripping, geological mapping and rock sampling was conducted on the Prairie Lake property claim 4256251. In 2010 we discovered up to 1.63% Niobium in a small outcrop on site # 28 on claim 4256251, at that time we didn't had the time to follow up on the occurrence. In September 2014 we started following up on the occurrence and hand stripped the overburden over 5 sections within the area of the occurrence. We geologically mapped and prospected the sections and we dug 5 pits within area site # 28.

2.0 LOCATION AND ACCESS

The Prairie Lake property is situated in an area of rolling hills of relatively low relief. The maximum topographic relief is 120 meters. The properties are forested with spruce and cedar. Parts of the claims have been logged. Access is by truck from the town of Marathon. The property is centered approximately 60 to 65 kilometers from the town of Marathon. A network of logging roads provides access to most of the claims.

2.1 PROPERTY DESCRIPTION

The Prairie Lake Property consists of contiguous mining claim (360 claim units, 5,760 hectare) recorded in good standing in Thunder Bay Mining Division within Killala Lake Twp. (G- 0596)

Claims/units

4263472, 4256252, 4256253, 4258074, 4258073, 4256256, 4256257, 4256258, 4246259, 4246260, 4256259, 4256251, 4261104, 4246264, 4246261, 4246255, 4246269, 4246270, 4256260, 4256261, 4256254, 4263540, 4263473, 4258074, 4256255, 4246262

Assessment Work Breakdown

<u>Type of Work</u>	<u>Name & Address</u>	<u>Dates Worked</u>	<u>Days = 8 to 10 hours</u>	<u>Signature</u>
Prospecting , Geological mapping, Hand Stripping overburden Pit # 1,2,3,4,5 and Pit 2-1 # 4256251	Rudolf Wahl Box 1022 Marathon, Ontario P0T 2E0 CLN # 206079	Sept 25, 2014 To Sept 30, 2014	6	R.W
Prospecting , Geological mapping, Hand Stripping overburden Pit # 1,2,3,4,5 and Pit 2-1 # 4256251	Frederick Lowndes 28 Steedman Drive Marathon, Ontario P0T 2E0 CLN #410033	Sept 25, 2014 To Sept 30, 2014	6	F.L.
Prospecting , Geological mapping, start digging Pit # 1,2,3 and Pit 2-1 area on claim # 4256251	Rudolf Wahl Box 1022 Marathon, Ontario P0T 2E0 CLN # 206079	October 01, 2014 To October 03, 2014	3	R.W
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Prospecting , Geological mapping, start digging on Pit #4 - 5 on claim # 4256251	Rudolf Wahl Box 1022 Marathon, Ontario P0T 2E0 CLN # 206079	November 10, 2014 To November 14, 2014	5	R.W
Prospecting , Geological mapping, start digging on Pit #4 - 5 on claim # 4256251	Frederick Lowndes 28 Steedman Drive Marathon, Ontario P0T 2E0 CLN #410033	November 10, 2014 To November 14, 2014	5	F.L.

Total

48

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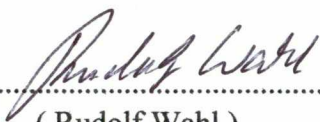
Total

30

Assessment Work Breakdown

A total of 78 days in between September 25, 2014 and December 07, 2014 where used for prospecting, hand stripping overburden and digging 5 pits, geological mapping and rock sampling on claim 4256251 within the Prairie Lake Property.

Dated December 20, 2014 Marathon, Ont.

Signed.....
(Rudolf Wahl)

Dated December 20, 2014 Marathon, Ont.

Signed.....
(Frederick Lowndes)

Assessment Work Breakdown days:

September 25, 2014 to September 30, 2014 prospecting on claim #4256251

We used our 4wheelers into the property and used an old logging road from the Deadhorse road to our Niobium site # 28 what is about 2 km northeast of the Deadhorse road to get access to the claim 4256251. We prospected and hand stripped the overburden on site # 1,2,3,4, 2-1 and site 5. The sites are covered with about 2 to 3 feed of overburden.

October 01, 2014 to October 01, 2014 prospecting on claim #4256251

We used our 4wheelers into the property and used an old logging road from the Deadhorse road to our Niobium site # 28 what is about 2 km northeast of the Deadhorse road to get access to the claim 4256251. We started digging Pit 1, 2 , 3 and Pit 2-1 by hand stripping.

October 08, 2014 Property visit with Dorothy Campbell & Mark Puumala from the MNM Thunder Bay. We used our 4wheelers into the property and used the old logging road from the Deadhorse road to our Niobium site # 28 what is about 2 km northeast of the Deadhorse road to get access to the claim 4256251. Dorothy Campbell and Mark Pummala spent most of the day investigating the Niobium discovery within the area site # 28 and took rock sample from the carbonatite section (Pits) 1 to 3 and Pit 2-1.

October 20, 2014 to October 23, 2014 prospecting on claim #4256251

We used our 4wheelers into the property and used an old logging road from the Deadhorse road to our Niobium site # 28 what is about 2 km northeast of the Deadhorse road to get access to the claim 4256251. We continued digging Pit 1, 2, 3 by hand stripping.

October 27, 2014 to October 30, 2014 prospecting on claim #4256251

We used our 4wheelers into the property and used an old logging road from the Deadhorse road to our Niobium site # 28 what is about 2 km northeast of the Deadhorse road to get access to the claim 4256251. We finished digging Pit 1, 2 , 3 and Pit 2-1 by hand stripping.

November 10, 2014 to November 14, 2014 prospecting on claim #4256251

We used our 4wheelers into the property and used an old logging road from the Deadhorse road to our Niobium site # 28 what is about 2 km northeast of the Deadhorse road to get access to the claim 4256251. Started digging on Pit #4 – 5 by hand stripping.

November 17, 2014 to November 21, 2014 prospecting on claim #4256251

We used our 4wheelers into the property and used an old logging road from the Deadhorse road to our Niobium site # 28 what is about 2 km northeast of the Deadhorse road to get access to the claim 4256251. Continued on digging Pit #4 - 5 by hand stripping.

November 25, 2014 Property visit on claim 4256251 with Don Hoy & Ian Downie from Wolfden Resources Claim #4256251. We used our 4wheelers into the property and used the old logging road from the Deadhorse road to our Niobium site # 28 what is about 2 km northeast of the Deadhorse road to get access to the claim 4256251. Don Hoy and Ian Downie spent most of the day investigating the Niobium discovery within the area site # 28 and took rock sample from the carbonatite section (Pits) 1 to 3.

November 26, 2014 to November 28, 2014 prospecting on claim #4256251

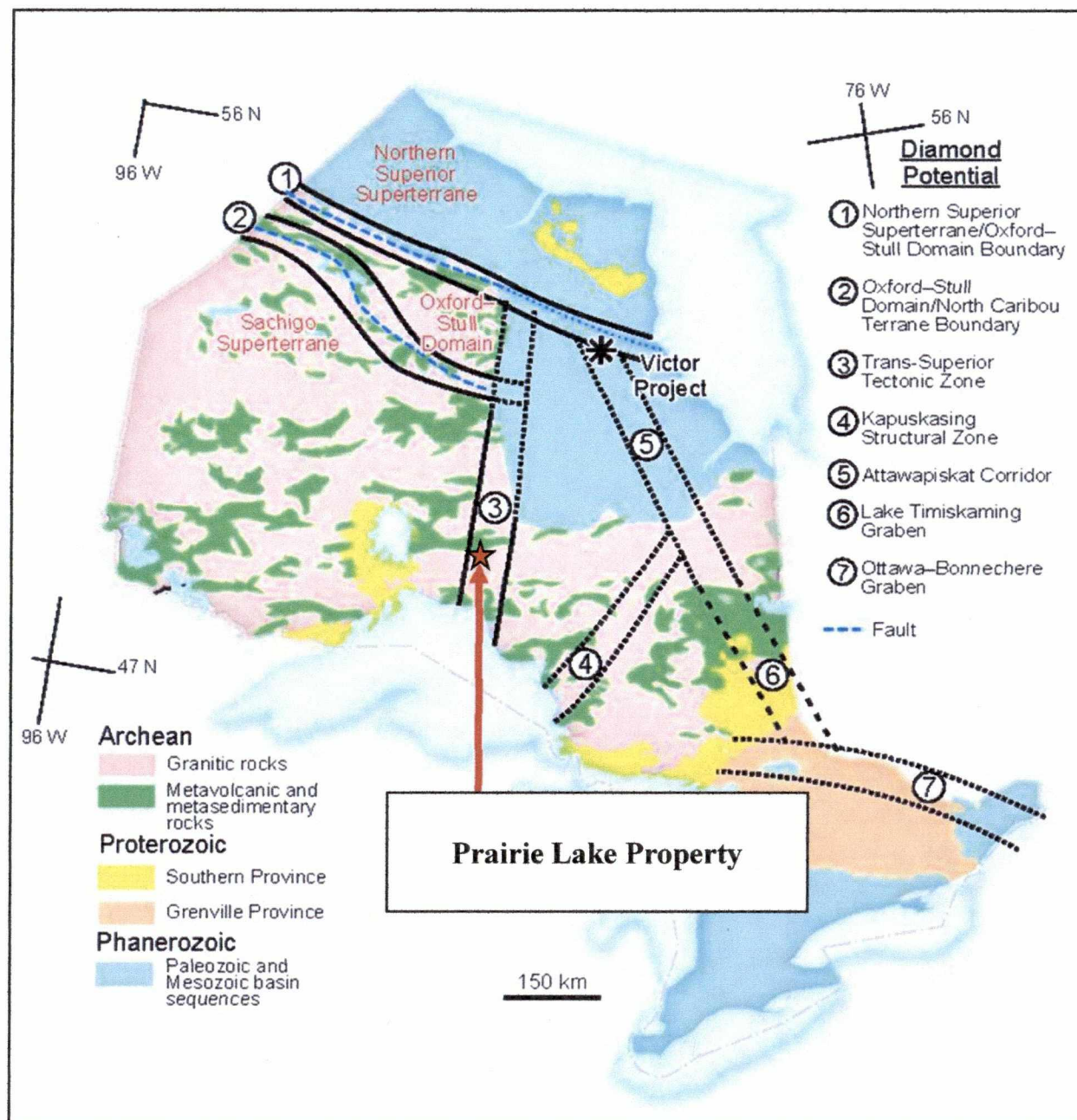
We used our 4wheelers into the property and used an old logging road from the Deadhorse road to our Niobium site # 28 what is about 2 km northeast of the Deadhorse road to get access to the claim 4256251. Finished digging Pit #4 - 5 by hand stripping.

December 02, 2014 Property visit on claim 4256251 with Mario Joly consultant Geologist from NDM Inc. We used our 4wheelers into the property and used the old logging road from the Deadhorse road to our Niobium site # 28 what is about 2 km northeast of the Deadhorse road to get access to the claim 4256251. Mario Joly spent most of the day investigating the Niobium discovery within the area site # 28 and took rock sample from the carbonatite section (Pits) 1 to 5.

December 03, 2014 to December 07, 2014

We used our 4wheelers into the property and used the old logging road from the Deadhorse road to our Niobium site # 28 what is about 2 km northeast of the Deadhorse road to get access to the claim 4256251. We cleaned up pit area 1 to pit area 5 and 2-1. We covered all pits with green tarps to keep the snow out over the winter, just in case the we would have another property visit over the winter month.

Prairie Lake Property Key Location Map



The Prairie Lake claim blocks are 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 Prairie 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 Pleistocene 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, Prairie Lake and Killala Lake a 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 granuloblastic. 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 temperatures 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 derived 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 glaciolacustrine 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.

3.2 Economic Minerals and Potential:

Prairie Lake area properties surrounding the Prairie Lake carbonatite complex.

The Prairie Lake carbonatite complex shows excellent economic potential for several elements, most important of which are niobium - uranium and rare earth oxide. These elements both occur in minerals of the pyrochlore group which are found in the carbon-apatites, silicocarbonatites and ijolites. The composition of the pyrochlores show local variations from uranium-rich uranium- pyrochlore and betafite to the uranium impoverished species, pyrochlore. For a classification of the pyrochlore system nomenclature the reader is referred to Hogarth (1977). The uranium content of the pyrochlores does not appear to be depend ant on the rock type. Of the pyrochlore group minerals (including the species pyrochlore, uranpyrochlore and betafite), betafite is most frequently encountered in the Prairie Lake rocks.

4.0 Prospecting / Geological Mapping

In 2010 we discovered up to 1.63% Niobium in a small outcrop on site # 28 on claim 4256251, at that time we didn't had the time to follow up on the occurrence. In September 2014 we started following up on the occurrence and hand stripped the overburden over 5 sections within the area of the occurrence. We geologically mapped and prospected the sections and we dug 5 pits within area site # 28.

5.0 Work conducted on the Prairie Lake area property

The Prairie Lake Property consists of 26 contiguous mining claim blocks (360 units, 5,760 hectare) recorded in good standing in Thunder Bay Mining Division within Killala Lake Twp. (G- 0596)

Claims/units

4263472, 4256252, 4256253, 4258074, 4258073, 4256256, 4256257, 4256258, 4246259, 4246260, 4256259, 4256251, 4261104, 4246264, 4246261, 4246255, 4246269, 4246270, 4256260, 4256261, 4256254, 4263540, 4263473, 4258074, 4256255, 4246262

Work conducted on claims:

Claim/units
4256251 (2)

Total 2 units

5.1 Work completed

- Geological mapping was conducted within the area site # 28
- 5 pits where open up by hand digging and hand stripping
- Rock sample where collected by UTM NAD 83
- All sample where taking with a Geo tool.
- A total of 17 sample where obtained and assayed for rare earth oxide.
- Topographic features (trail, lakes, creeks) were also used to control mapping and prospecting.

5.2 Property Visits (Niobium discovery site on claim 4256251)

- 08th October 2015, property visit from Geologist Dorothy Campbell and Mark Puumalar MNDM Thunder Bay.
- 25th November 2015 Don Hoy, Wolfden Resources Thunder Bay
- 02th December 2015, Mario Joly consultant for MDN Inc. from Montreal

6.0 Results and Conclusion

17 Rock samples were collected from the hand dug pit 1 to pit 5 on claim 4256251. We encountered radiometric levels up to 2000 cps on the hand stripped sections on claim 4256251. We hand - dug 5 pits within our Niobium (Nb205) discovery site # 28, where we discovered high grade Niobium occurrences with over 1.4% Nb205 and over 10% P205.

We option 247 claim units in February 2015 to MDN Inc. from Montreal.

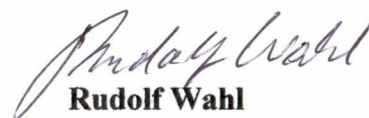
On April 14, 2015 I Rudolf Wahl received the "Bernie Schnieders" Discovery of the Year Award from the NWOPA at the Awards Dinner in Thunder Bay for the Niobium discovery for the year 2014.

6.1 RECOMMENDATIONS

The property was option to MDN Inc. in February 13, 2015 and the MDN Inc. Two Geologists have been working on the Niobium discovery site and surrounding area since the beginning of June 2015. Results to be expected in the month of September 2015. It is recommended to do the Radiometric survey over the entire properties and drill test the Niobium discovery site# 28.

**Marathon, Ontario
August 25th, 2015**

Respectfully submitted


**Rudolf Wahl
Prospector**

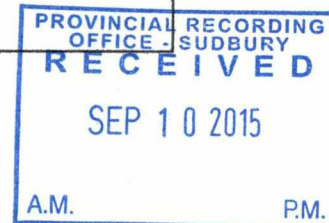
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2 · 56230

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DUPLICATE

Total



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Signed.....
(Rudolf Wahl)

Dated December 20, 2014 Marathon, Ont.

Signed.....
(Frederick Lowndes)

Assessment Work Breakdown days:

September 25, 2014 to September 30, 2014 prospecting on claim #4256251

We used our 4wheelers into the property and used an old logging road from the Deadhorse road to our Niobium site # 28 what is about 2 km northeast of the Deadhorse road to get access to the claim 4256251. We prospected and hand stripped the overburden on site # 1,2,3,4, 2-1 and site 5. The sites are covered with about 2 to 3 feed of overburden.

October 01, 2014 to October 01, 2014 prospecting on claim #4256251

We used our 4wheelers into the property and used an old logging road from the Deadhorse road to our Niobium site # 28 what is about 2 km northeast of the Deadhorse road to get access to the claim 4256251. We started digging Pit 1, 2 , 3 and Pit 2-1 by hand stripping.

October 08, 2014 Property visit with Dorothy Campbell & Mark Puumala from the MNM Thunder Bay. We used our 4wheelers into the property and used the old logging road from the Deadhorse road to our Niobium site # 28 what is about 2 km northeast of the Deadhorse road to get access to the claim 4256251. Dorothy Campbell and Mark Pummala spent most of the day investigating the Niobium discovery within the area site # 28 and took rock sample from the carbonatite section (Pits) 1 to 3 and Pit 2-1.

October 20, 2014 to October 23, 2014 prospecting on claim #4256251

We used our 4wheelers into the property and used an old logging road from the Deadhorse road to our Niobium site # 28 what is about 2 km northeast of the Deadhorse road to get access to the claim 4256251. We continued digging Pit 1, 2, 3 by hand stripping.

October 27, 2014 to October 30, 2014 prospecting on claim #4256251

We used our 4wheelers into the property and used an old logging road from the Deadhorse road to our Niobium site # 28 what is about 2 km northeast of the Deadhorse road to get access to the claim 4256251. We finished digging Pit 1, 2 , 3 and Pit 2-1 by hand stripping.

November 10, 2014 to November 14, 2014 prospecting on claim #4256251

We used our 4wheelers into the property and used an old logging road from the Deadhorse road to our Niobium site # 28 what is about 2 km northeast of the Deadhorse road to get access to the claim 4256251. Started digging on Pit #4 – 5 by hand stripping.

November 17, 2014 to November 21, 2014 prospecting on claim #4256251

We used our 4wheelers into the property and used an old logging road from the Deadhorse road to our Niobium site # 28 what is about 2 km northeast of the Deadhorse road to get access to the claim 4256251. Continued on digging Pit #4 - 5 by hand stripping.

November 25, 2014 Property visit on claim 4256251 with Don Hoy & Ian Downie from Wolfden Resources Claim #4256251. We used our 4wheelers into the property and used the old logging road from the Deadhorse road to our Niobium site # 28 what is about 2 km northeast of the Deadhorse road to get access to the claim 4256251. Don Hoy and Ian Downie spent most of the day investigating the Niobium discovery within the area site # 28 and took rock sample from the carbonatite section (Pits) 1 to 3.

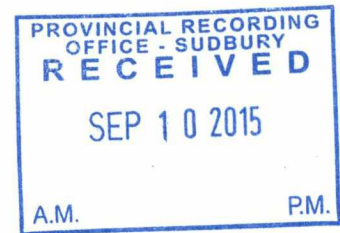
November 26, 2014 to November 28, 2014 prospecting on claim #4256251

We used our 4wheelers into the property and used an old logging road from the Deadhorse road to our Niobium site # 28 what is about 2 km northeast of the Deadhorse road to get access to the claim 4256251. Finished digging Pit #4 - 5 by hand stripping.

December 02, 2014 Property visit on claim 4256251 with Mario Joly consultant Geologist from NDM Inc. We used our 4wheelers into the property and used the old logging road from the Deadhorse road to our Niobium site # 28 what is about 2 km northeast of the Deadhorse road to get access to the claim 4256251. Mario Joly spent most of the day investigating the Niobium discovery within the area site # 28 and took rock sample from the carbonatite section (Pits) 1 to 5.

December 03, 2014 to December 07, 2014

We used our 4wheelers into the property and used the old logging road from the Deadhorse road to our Niobium site # 28 what is about 2 km northeast of the Deadhorse road to get access to the claim 4256251. We cleaned up pit area 1 to pit area 5 and 2-1. We covered all pits with green tarps to keep the snow out over the winter, just in case the we would have another property visit over the winter month.



Appendix I

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Pictures of Hand Stripped Pits 1, 2, 3, 4, 5, 2-1 Niobium (Nb205 – P205)
Claim 4256251

<i>Sample Location</i>	<i>Sample ID #</i>	<i>Nb205 %</i>	<i>P205 %</i>
<i>Pit 1</i>	107790001	0.894	7.30
<i>Pit 1</i>	MP-RWN-14-2	1.432	7.54
<i>Pit 1</i>	14DCRW006	0.146	0.15
<i>Pit 1</i>	RW-1	1.466	0.092
<i>Pit 1</i>	RW-2	1.347	0.158
<i>Pit 2</i>	107790002	0.381	11.52
<i>Pit 2</i>	107790007	0.660	7.14
<i>Pit 2</i>	MP-RWN-14-5	0.544	10.49
<i>Pit 2</i>	RW-3	0.583	0.357
<i>Pit 2</i>	RW-4	0.600	0.093
<i>Pit 3</i>	107790003	0.450	3.38
<i>Pit 3</i>	14DCRW007	0.398	7.74
<i>Pit 3</i>	RW-5	0.578	0.231
<i>Pit 4</i>	107790004	0.035	1.19
<i>Pit 5</i>	107790005	0.126	4.83
<i>Pit 2-1</i>	14DCRW008	0.047	1.02
<i>Pit 2-1</i>	14DCRW009	0.073	2.14

Niobium Discovery site 28 Pit # 1 Carbonatite - Pyrochlore & Phosphate



Niobium Discovery site 28 Pit # 2 Carbonatite - Pyrochlore & phosphate



Niobium Discovery site 28 Pit # 3 Carbonatite - Pyrochlore & Phosphate



Niobium Discovery site 28 Pit # 4 Carbonatite - Pyrochlore & phosphate

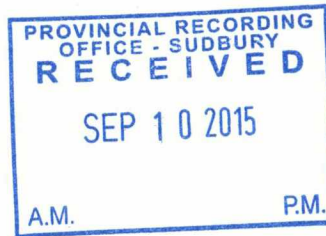


Niobium Discovery site 28 Pit # 5 Carbonatite - Pyrochlore & Phosphate



Niobium Discovery site 28 Pit # 2-1 Carbonatite - Pyrochlore & Phosphate





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Appendix II

Professor Roger Mitchell Pyrochlore Report

October 2014

Professor Roger H. Mitchell Niobium site 28 Pyrochlore data for pit 1 - major points:

1 There are 2 main types of pyrochlore (see attached Excel file)

- pcl-1 - a F-free, Sr-poor type with relatively high Fe and Nb
- pcl-2 a F-Na-Sr bearing type with relatively low Fe and Nb

The PDF file shows textural relations between these main types - typically pcl-1 is earlier than pcl-2 but pcl-1 can replace pcl-2 in some grains. These are mainly false colour back scattered electron images

2 There is also a Nb-rich pyrochlore with about 80 wt.% Nb₂O₅

3 All pyrochlores are ThO₂ free (not detected) with very low UO₃ - this is unlike many of the pyrochlores in Prairie Lake - many of these contain up to 20 wt.% UO₃ . THE LOW Th AND U CONTENTS ARE IMPORTANT AS THESE GO INTO THE SLAG - HENCE RADIONUCLIDE PROBLEMS ARE LOW FOR THESE PYROCHLORES

4 Many pyrochlores occur as aggregates in clast-like masses of prismatic apatite

5 Pyrochlores are large - up to 1mm - separation from apatite and carbonates should be easy

The carbonatite contains pyrochlores, calcite, ferroan dolomite, calico-siderite, barite, ancyllite,, synchysite-(Ce), iron oxides/hydroxides , quartz , potassium feldspar, pyrite, fluorite

Not present - monazite, xenotime, magnetite, ilmenite, fersmite, ferrocolumbite

Important that there is only 1 niobium bearing phase (although this is an intergrowth of two distinct pyrochlores) Assemblage is unlike Niobec and Fir where pyrochlores are replaced by ferrocolumbite

All these data point to a good Nb deposit better than the Prairie Lake occurrence where pcl are much smaller and far less abundant

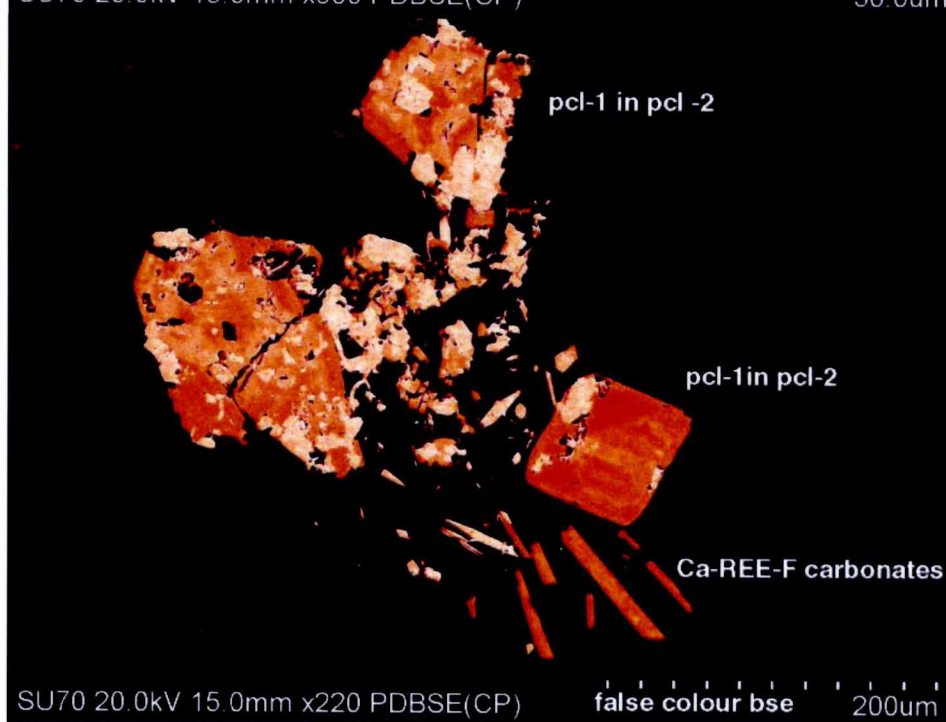
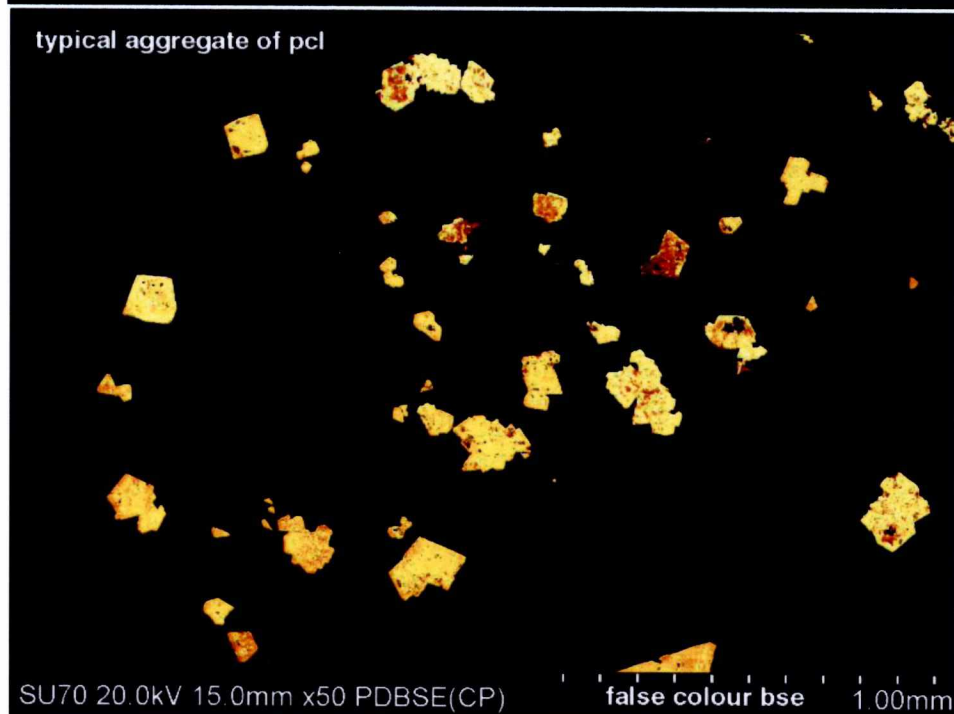
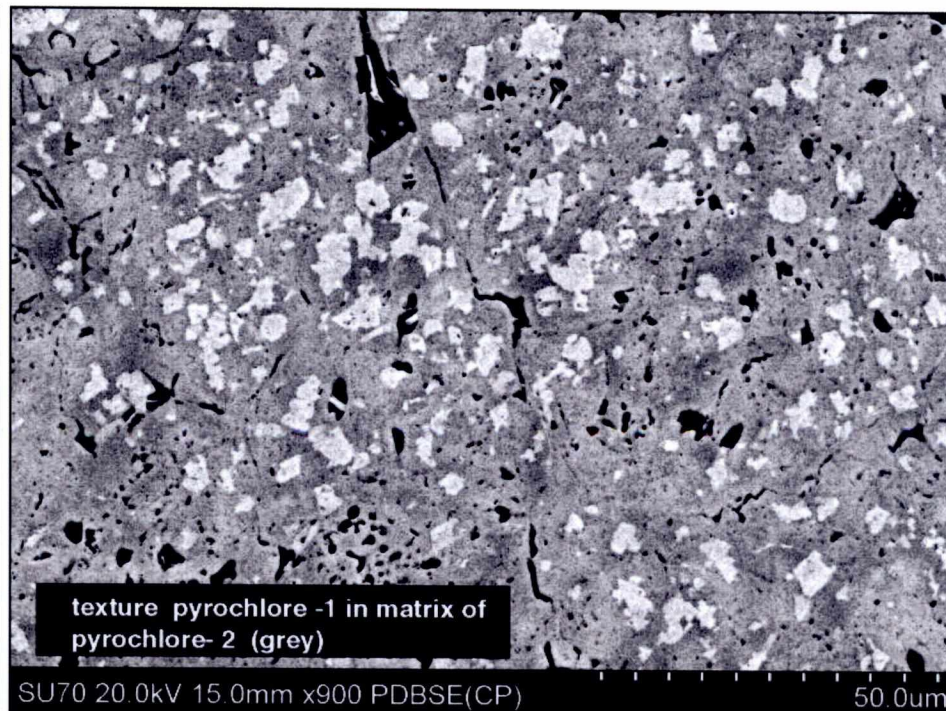
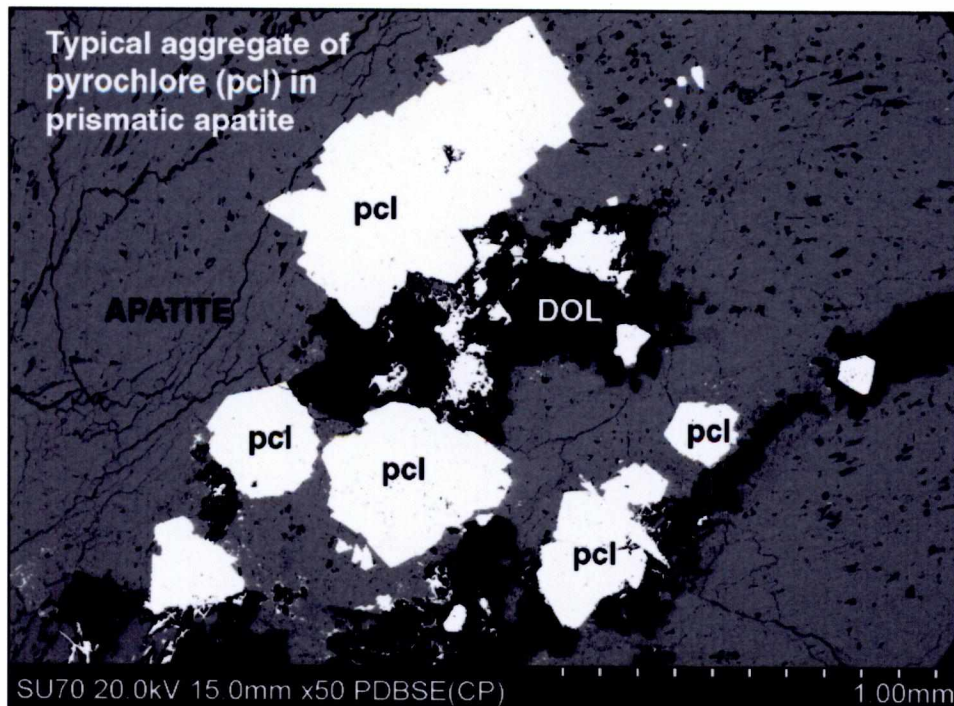
December 04, 2014 Professor Roger H. Mitchell Niobium site 28 Pyrochlore information for pit # 3

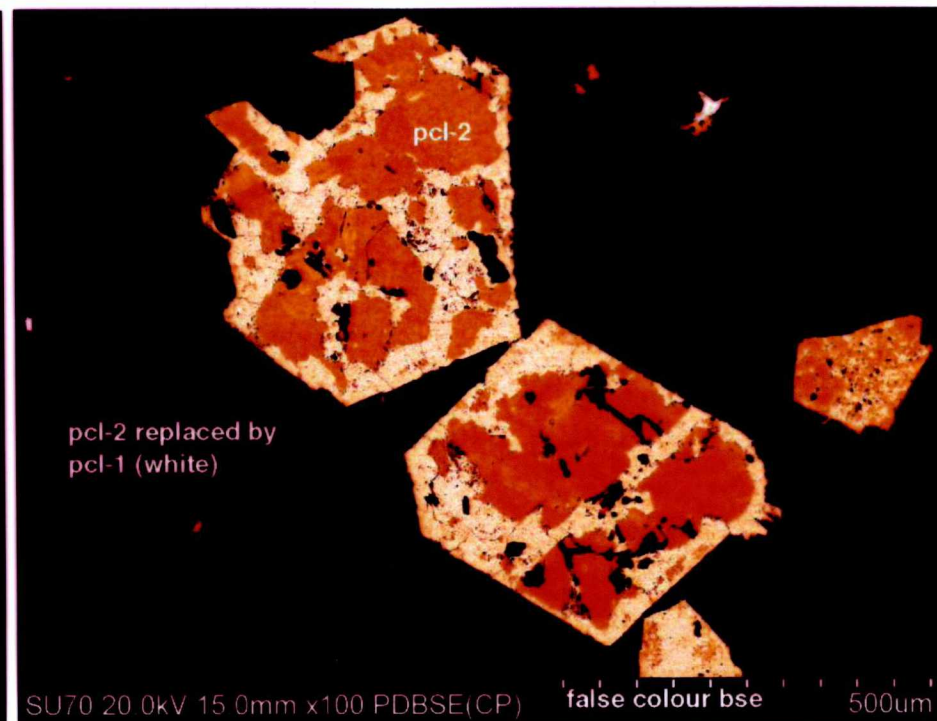
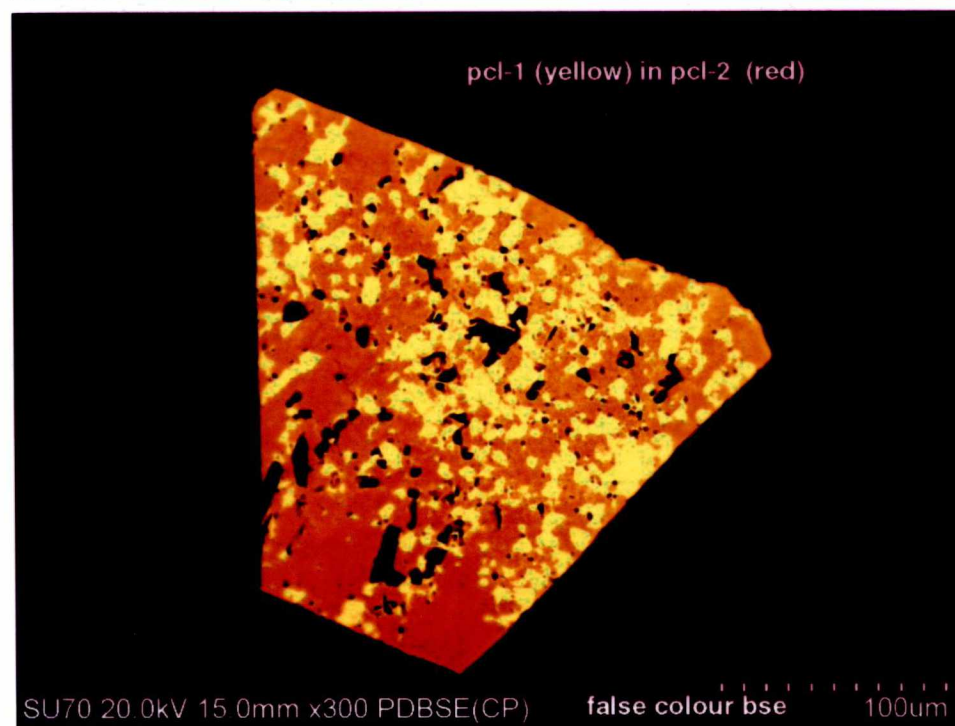
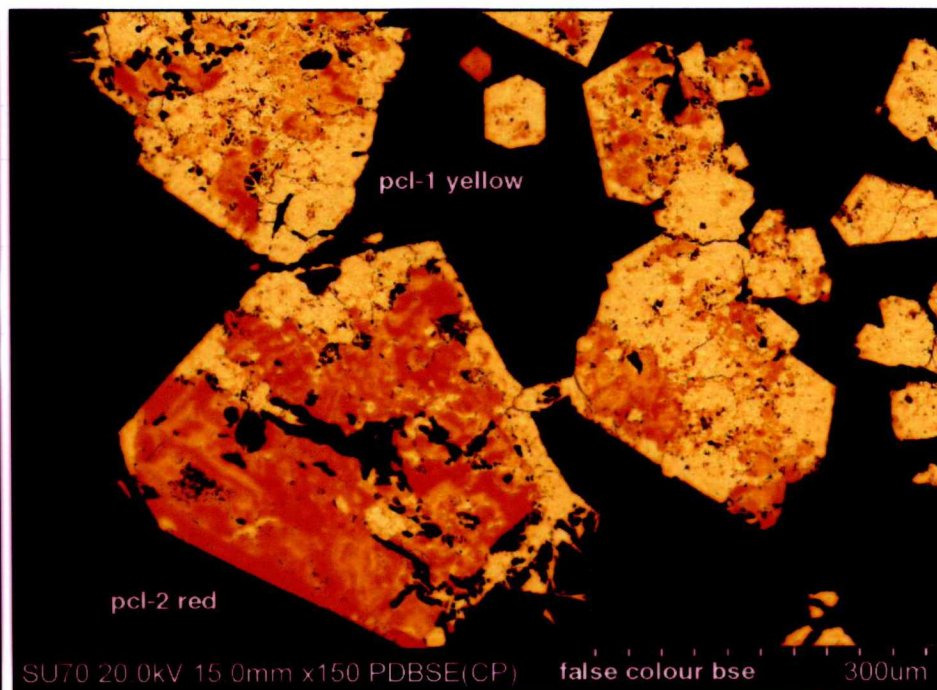
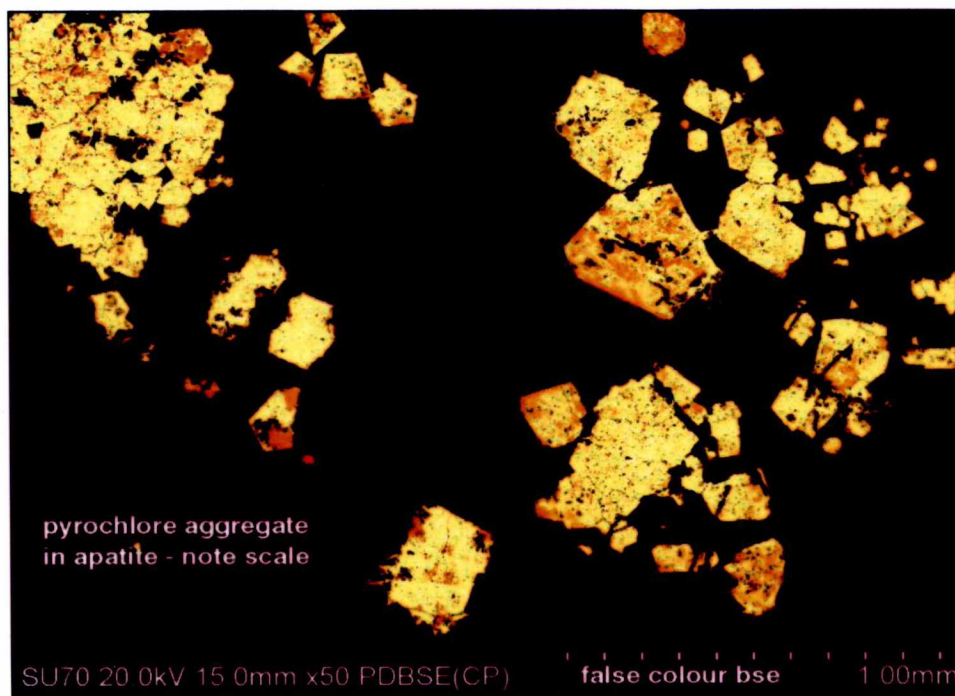
The pyrochlores in Pit 3 are exactly like those in Pit 1 – low Th and low U, high Nb type – good news for this deposit.

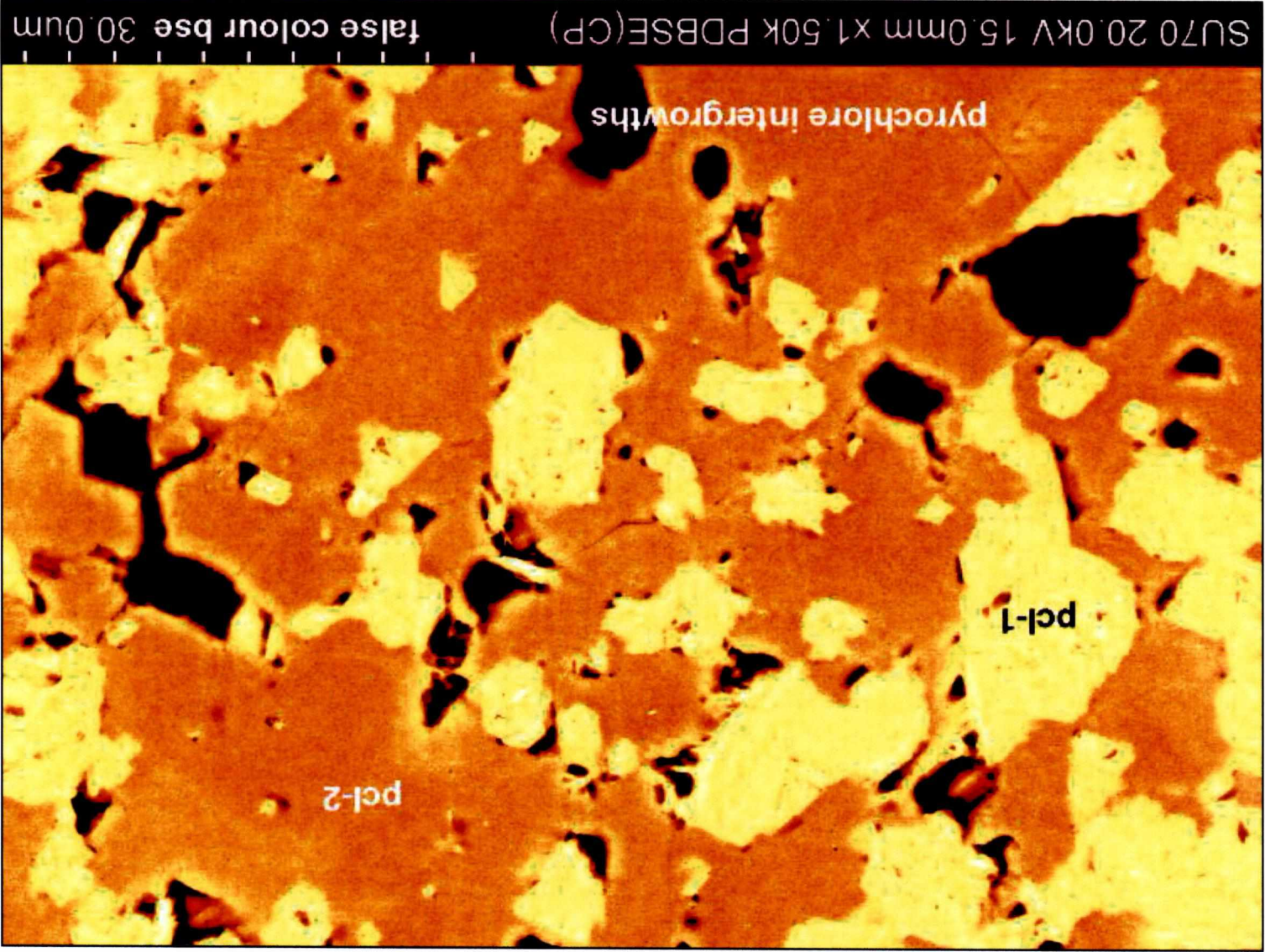
Pyrochlore compositions (Compatibility Mode)

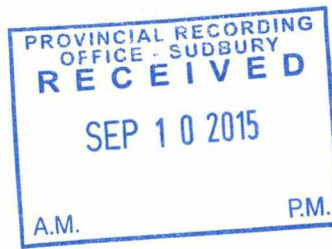
wt. %	PCL-2	PCL-2	PCL-1	PCL-1	HIGH Nb pcl
F	3.57	2.45			
Na ₂ O	3.59	1.36			
SiO ₂	1.05	2.03	0.67	0.65	0.39
CaO	12.44	10.06	8.74	9.8	15.8
TiO ₂	2.65	2.56	3.17	2.59	2.35
MnO			1.15	1.18	0.23
FeO	1.04	1.63	7.57	6.18	0.52
SrO	4.98	6.88	0.63	0.62	
Nb ₂ O ₅	68.6	65.04	70.82	72.86	80.81
BaO	1.26	3.23	2.78	2.21	0.94
La ₂ O ₃					
Ce ₂ O ₃					
Nd ₂ O ₃					
PbO	0.44	0.58			
ThO ₂					
UO ₃	0.65	1.04	0.65		
total	96.75	94.64	96.39	96.6	
with F	100.33	97.09	96.39	96.6	101.67

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Appendix III

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Sample location map claim 4256251

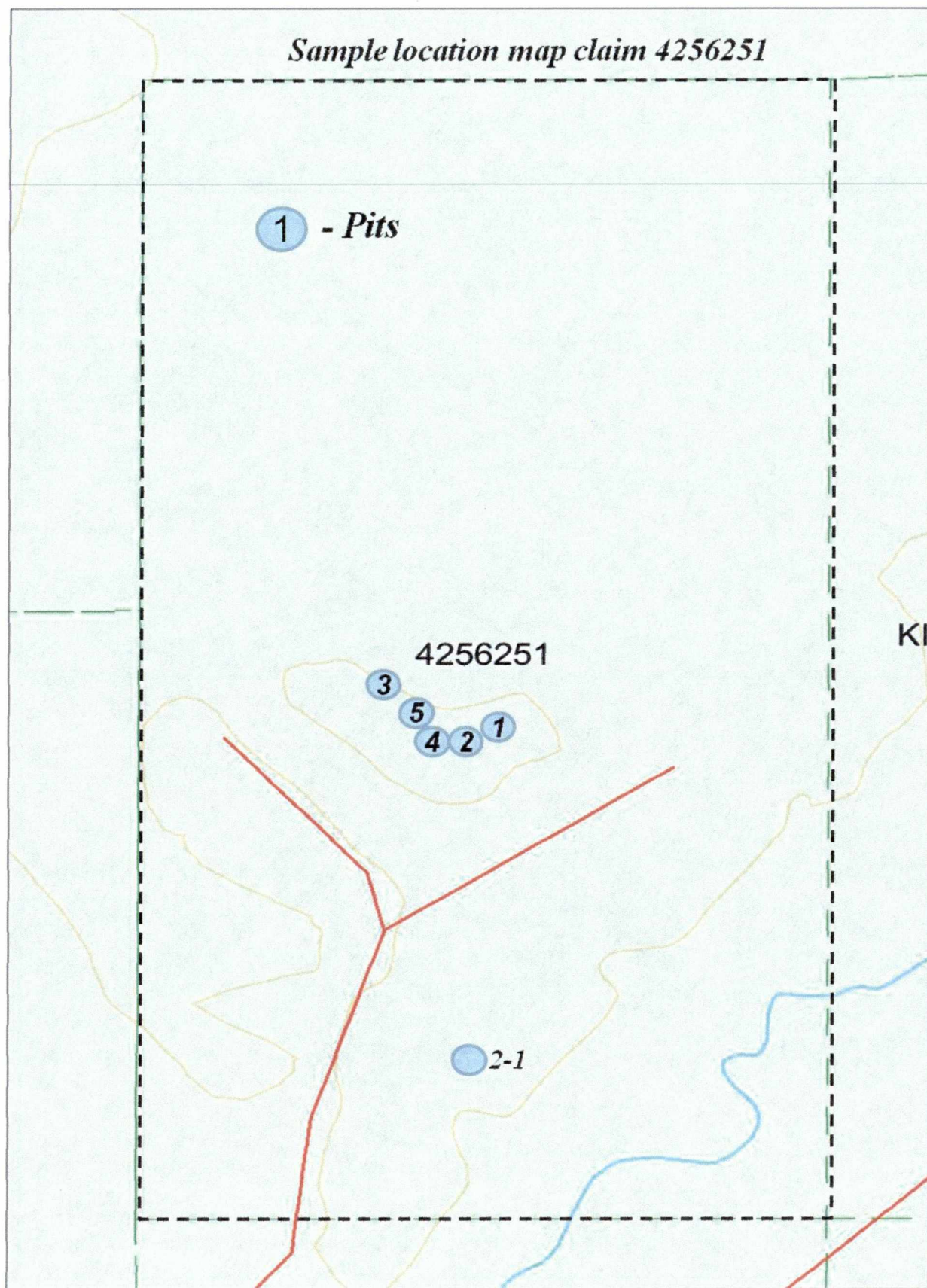
① - Pits

4256251

③
⑤
④ ② ①

KI

②-1



Prairie Lake Property Sample Location pit 1 to pit 5, UTM 16 NAD 83

<i>Sample Location</i>	<i>Sample ID #</i>	<i>Easting</i>	<i>Northing</i>
<i>Pit 1</i>	107790001	519639	5432636
<i>Pit 1</i>	MP-RWN-14-2	519639	5432636
<i>Pit 1</i>	14DCRW006	519639	5432636
<i>Pit 1</i>	RW-1	519639	5432636
<i>Pit 1</i>	RW-2	519639	5432636
<i>Pit 2</i>	107790002	519632	5432635
<i>Pit 2</i>	107790007	519632	5432635
<i>Pit 2</i>	MP-RWN-14-5	519632	5432635
<i>Pit 2</i>	RW-3	519632	5432635
<i>Pit 2</i>	RW-4	519632	5432635
<i>Pit 3</i>	107790003	519602	5432656
<i>Pit 3</i>	14DCRW007	519602	5432656
<i>Pit 3</i>	RW-5	519602	5432656
<i>Pit 4</i>	107790004	519625	5432634
<i>Pit 5</i>	107790005	519621	5432636
<i>Pit 2-1</i>	14DCRW008	519608	5432418
<i>Pit 2-1</i>	14DCRW009	519608	5432418

Appendix IV

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

<i>Sample Location #</i>	<i>Sample #</i>	<i>Rock Sample Description</i>
<i>Pit 1</i>	107790001	Carbonatite microbrecciated, medium to coarse grained, calcite, siderite?, ankerite
<i>Pit 1</i>	MP-RWN-14-2	Carbonatite, calcite, iron carbonate, apatite
<i>Pit 1</i>	14DCRW006	Carbonatite, calcite, iron carbonate, apatite
<i>Pit 1</i>	RW-1	Carbonatite, calcite/dolomite, iron carbonate
<i>Pit 1</i>	RW-2	Carbonatite, calcite, iron carbonate, apatite
<i>Pit 2</i>	107790002	Carbonatite, calcite/dolomite, iron carbonate
<i>Pit 2</i>	107790007	Carbonatite, calcite, ankerite, iron carbonate
<i>Pit 2</i>	MP-RWN-14-5	Carbonatite, calcite, iron carbonate, apatite
<i>Pit 2</i>	RW-3	Carbonatite, calcite, iron carbonate, apatite
<i>Pit 2</i>	RW-4	Carbonatite, calcite, iron carbonate, apatite
<i>Pit 3</i>	107790003	Carbonatite, iron carbonate, calcite
<i>Pit 3</i>	14DCRW007	Carbonatite, calcite, iron carbonate, apatite
<i>Pit 3</i>	RW-5	Carbonatite, calcite, iron carbonate, apatite
<i>Pit 4</i>	107790004	Carbonatite, calcite, iron carbonate, apatite
<i>Pit 5</i>	107790005	Carbonatite, calcite, ankerite, iron carbonate
<i>Pit 2-1</i>	14DCRW008	Carbonatite, calcite, iron carbonate, apatite
<i>Pit 2-1</i>	14DCRW009	Carbonatite, iron carbonate, calcite

PROVINCIAL RECORDING
OFFICE - SUDBURY
RECEIVED

A.M.

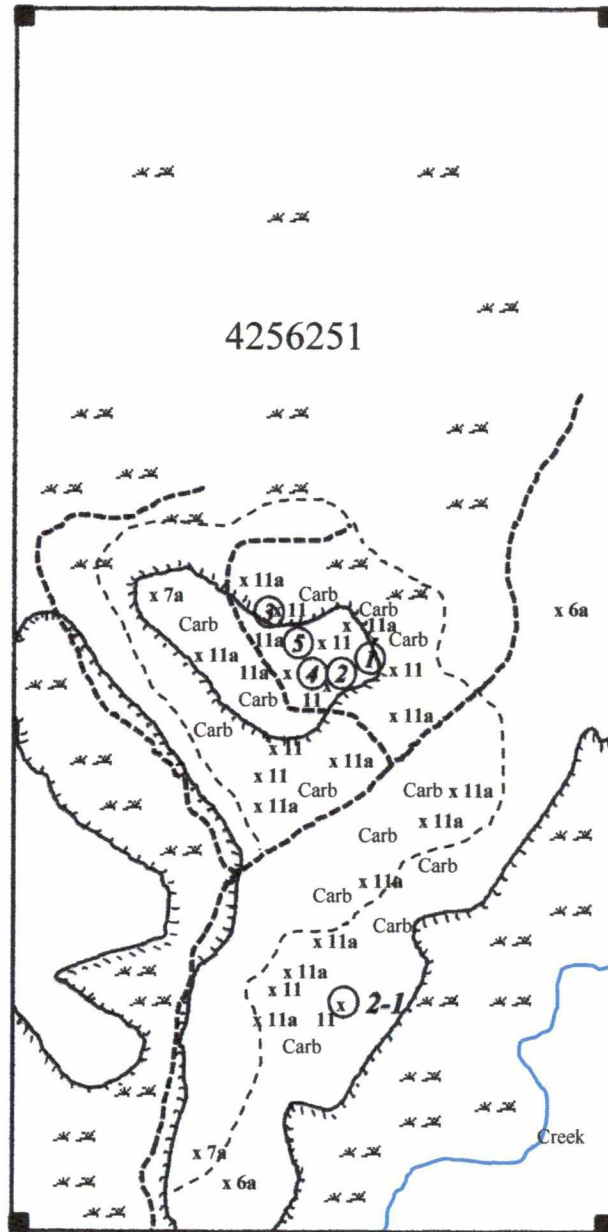
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PROVINCIAL RECORDING
OFFICE - SUDBURY
RECEIVED

SEP 10 2015



Work Location Claim 4256251	Work done	Dates
Pit 1	Removed Overburden	Sept 25, 2014
Pit 2	Removed Overburden	Sept 26, 2014
Pit 3	Removed Overburden	Sept 27, 2014
Pit 4	Removed Overburden	Sept 28, 2014
Pit 5	Removed Overburden	Sept 29, 2014
Pit 2-1	Removed Overburden	Sept 30, 2014
Pit 1	Start hand digging Pit	October 01, 2014
Pit 2	Start hand digging Pit	October 02, 2014
Pit 3	Start hand digging Pit	October 03, 2014
Pit 2-1	Start hand digging Pit	October 03, 2014
Pit 1, 2, 3, 2-1	Property Visit with MNDM	October 08, 2014
Pit 2	Cont. hand digging Pit	October 20, 2014 to October 21, 2014
Pit 3	Cont. hand digging Pit	October 22, 2014 to October 24, 2014
Pit 2	Finishing digging Pit	October 27, 2014 to
Pit 3	Finishing digging Pit	October 28, 2014 to October 29, 2014
Pit 2-1	Finishing digging Pit	October 30, 2014
Pit 4	Start hand digging Pit	November 10, 2014 to November 12, 2014
Pit 5	Start hand digging Pit	November 13, 2014 to November 14, 2014
Pit 4	Cont. hand digging Pit	November 17, 2014 to November 19, 2014
Pit 5	Cont. hand digging Pit	November 20, 2014 to November 21, 2014
All Pits	Property Visit with Wolfden Resources	November 25, 2014
Pit 4	Finishing hand digging Pit	November 26, 2014 to November 27, 2014
Pit 5	Finishing hand digging Pit	November 28, 2014
All Pits	Property Visit with MDN Inc.	December 02, 2014
All Pits	Clean up Pits Areas	December 03, 2014 to December 07, 2014

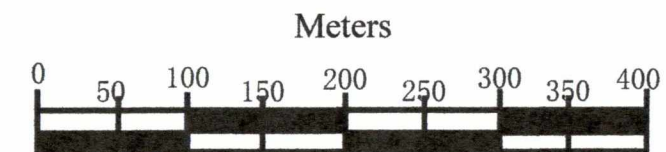
Sample Location	Sample ID #	Easting	Northing
Pit 1	107790001	519639	5432636
Pit 1	MP-RWN-14-2	519639	5432636
Pit 1	14DCRW006	519639	5432636
Pit 1	RW-1	519639	5432636
Pit 1	RW-2	519639	5432636
Pit 2	107790002	519632	5432635
Pit 2	107790007	519632	5432635
Pit 2	MP-RWN-14-5	519632	5432635
Pit 2	RW-3	519632	5432635
Pit 2	RW-4	519632	5432635
Pit 3	107790003	519602	5432656
Pit 3	14DCRW007	519602	5432656
Pit 3	RW-5	519602	5432656
Pit 4	107790004	519625	5432634
Pit 5	107790005	519621	5432636
Pit 2-1	14DCRW008	519608	5432418
Pit 2-1	14DCRW009	519608	5432418

Wahl Prospecting

Prairie Lake Property Geology and Rock Sample
Locations Claim 4256251

Killala Lake Area Twp. (G-0596)

Prep. by Rudolf Wahl	August 2015	Dwg.#
Drawn by Rudolf Wahl	Scale 1 : 5000	1



Scale 1cm = 50 meters

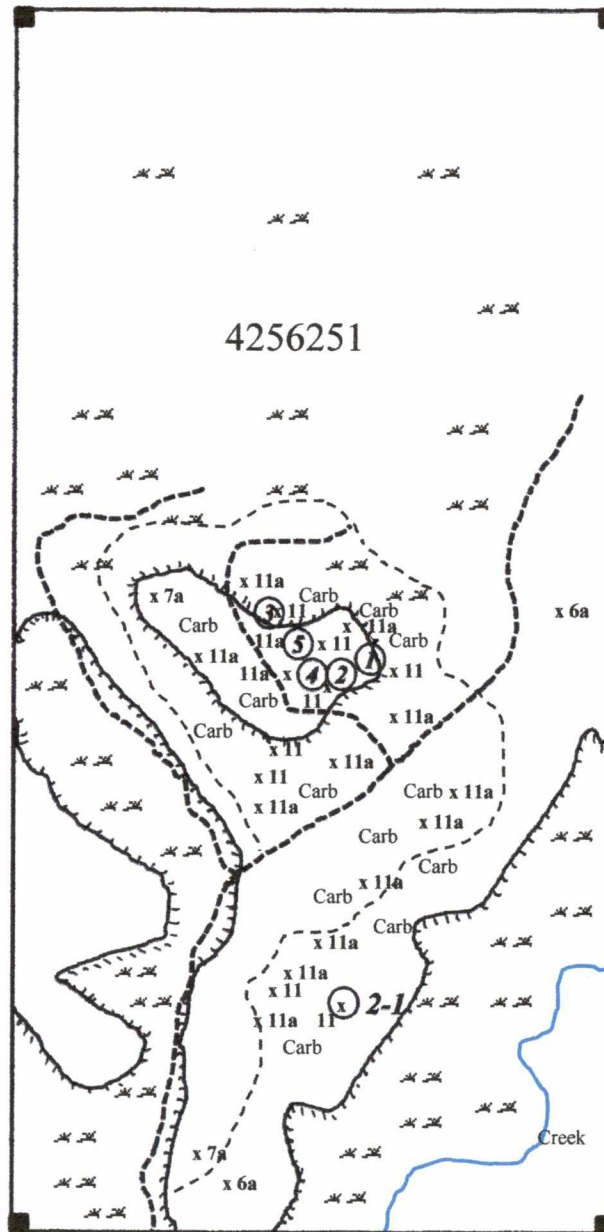


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A.M.

SEP 10 2015

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PROVINCIAL RECORDING**LEGEND****PRECAMBRIAN**

LATE PRECAMBRIAN

KEWEENAWAN

CARBONATITE - ALKALIC

11 Carbonatite

11a syenite Breccia with carbonatite
veining - dykes**LATE SILICIC PLUTONIC ROCKS**

7a Muscovite granite

**EARLY SILICIC PLUTONIC
ROCKS**6a hornblende - biotite granodiorite
gneiss**SYMBOLS**

- Down slope
- Bedrock
- Muskeg or swamp
- Claim Post
- Traverse Line
- 4 Wheeler Trail
- Pit sample location and Assay
number location

ABBREVIATIONS

Carb - Carbonate

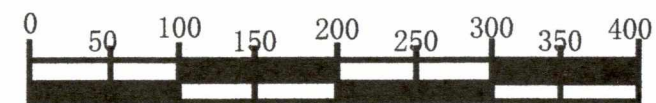


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Pit 2-1	14DCRW008	519608	5432418
Pit 2-1	14DCRW009	519608	5432418

Wahl Prospecting**Prairie Lake Property Geology and Rock Sample Locations
Claim 4256251****Killala Lake Area Twp. (G-0596)**

Prep. by Rudolf Wahl	August 2015	Dwg.#
Drawn by Rudolf Wahl	Scale 1 : 5000	1

Meters



Scale 1cm = 50 meters