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Assessment Work Report

New Lake Claims

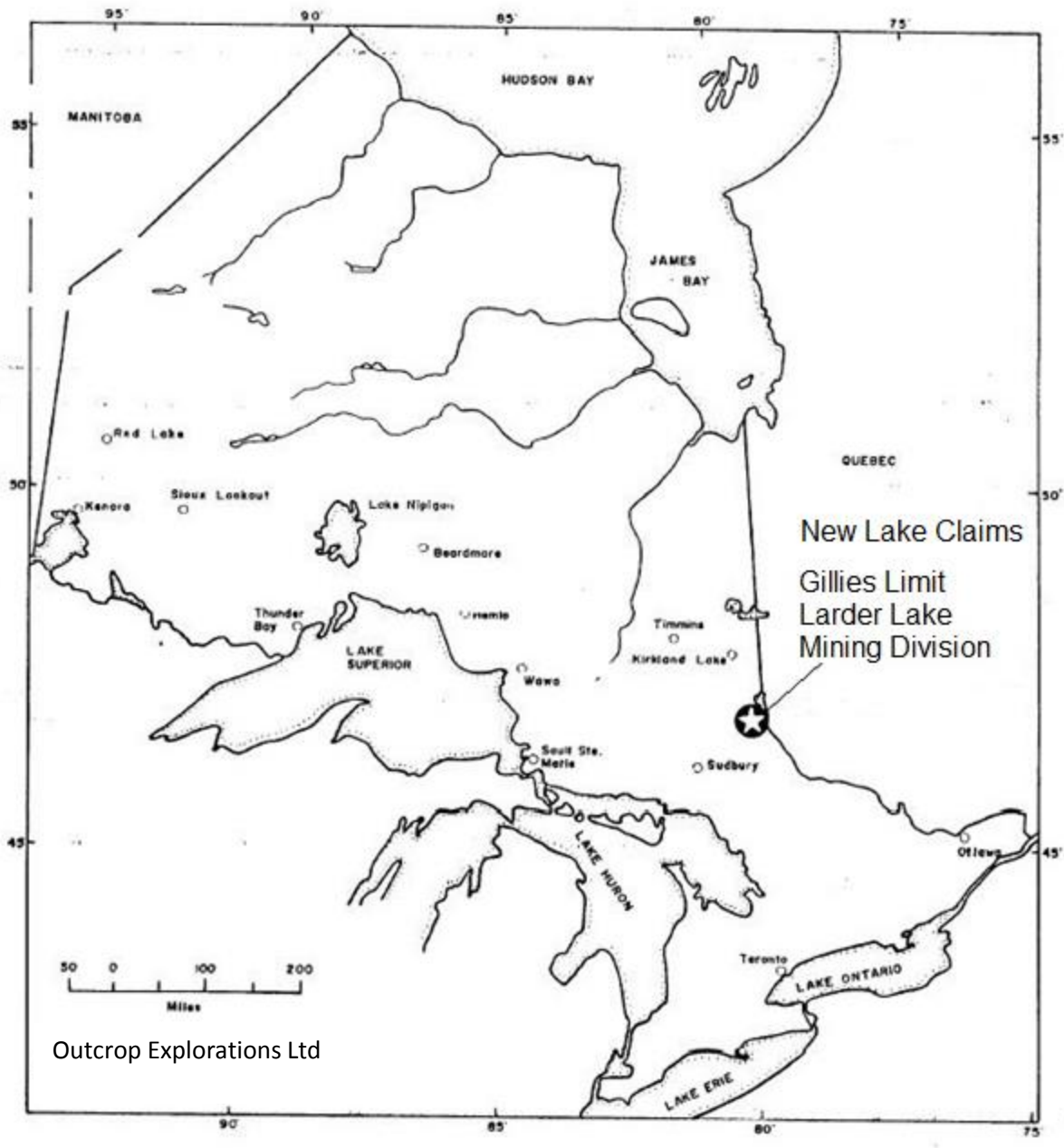
For Outcrop Explorations Ltd

By Alan Kon

June 22, 2022

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Outcrop Explorations Ltd

Introduction

A 3 day prospecting program was conducted by Alan Kon and Tammy Huard across claims 255059, 207757 and LEA-19731 which is part the New Lake claim group held by Outcrop Exploration Ltd & Consolidated Professor Mines Ltd. Both companies are owned by Shirley Gilson of Cobalt ON.

The purpose of the this prospecting program was mainly follow up prospecting for Silver and Cobalt on claim 255059 around the small fault shown on OGS Map 2052 and prospect for any new occurrences on lease LEA-19731.

A Garmin 64 & Garmin 66T was used for navigation and waypoint recording. A Chev Colorado XR2 and the shoe leather sedan were used for transportation to the claim group.

Property Location and Access

The New Lake claims are located in the north east part of Gillies Limit Township, within close proximity of the historical silver mining town of Cobalt, Ontario. These claims can be accessed fairly easily by taking Coleman Rd east from Cobalt to Lawson Mine corner then take the Brady Lake Rd to the Mayfair Mine Rd. A trail going west from the Mayfair Mine crosses most of the claims to New Lake. The property can also be accessed by going east from Hound Chutes Rd on the Professor Adit trail then taking a small trail further east.

Topographical & Vegetation

The topographical setting for the property is much the same as elsewhere in the Cobalt camp. Rolling hills, steep but low cliffs, and an average amount of exposed rock. There are a few small hills in the area. Swamps and low wet areas are abundant.

Vegetation is very heavy. Logging was done in the area at one point. Tree types are varied from small to medium sized cedar, birch and willow to medium and large poplar. There are also a few very large old white and red pines in the area. Undergrowth is thick with dogwood, scrub brush and other vegetation.

Wildlife

Wildlife is much the same as other areas of northern Ontario, with bears, big cats, moose, wolves, and smaller animals such as rabbits, raccoons, beaver, otters, weasels, and birds such as loons, owls, eagles, ducks, and the odd vulture and a whole lot of blood thirsty bugs.

Regional and Property Geology

The New Lake properties are located within a geological area known as the Cobalt embayment. The rocks that underlie the project area include basement forming Keewatin mafic to felsic metavolcanics and Algoman granitic rocks overlain by relatively flat lying Huronian metasediments. A Nipissing aged diabase unit, in the form of sills and dykes, intrudes all of these rock types. Younger diabase dykes locally cross cut all of these rocks. Lamprophyre dykes of various ages intrude the Keewatin and Algoman rocks.

The rocks in the project area are strongly influenced by at least four major northwest trending regional scale fault structures. These include the Temiskaming Fault, the Crosswise Lake Fault, the Montreal River Fault and the Latchford Fault. Numerous cross-faults connect these major structures.

Historical Work

Very little historical work has been recorded on claim 255059 and accompanying claims, leases and patents.

The closest operating mine was the Mayfair Mine which ran off and on from 1908 to 1968 under different ownership. The Professor Adit was driven in 1961 and operated until 1964 by South Giroux Mines Ltd and Consolidated Mines Ltd.

Oxford Mines operated to the north east from 1919 to 1949 and is in close proximity to the claim group as well.

Outcrop Exploration Ltd optioned the claims to Cabo Mining Enterprises from 2000 to 2008.

Work Program

Work began June 10th 2022 on Lease 19731 north west of New Lake. Access to the lease proved far more difficult and time consuming than anticipated. Even though a trail comes to within 200m of the lease, the trail itself was in poor condition and impassable in some spots. Other access problems were the amount of water in the area with several swamps, extremely heavy bush and regrowth from logging and some blow down.

In the north west corner of the lease lays a fairly large hill and outcrop that extends for several metres toward the lake. The rock in this area is volcanic andesite but very heavy, far heavier than it should be. A closer look showed finely disseminated sulphides throughout the rock. Two targets were recorded for future work and possible sampling.

Work continued on June 17th and 18th but this time from the east on claims 255059 and 207757. Access to the claims is much easier and quicker even on foot. A good trail cuts across claims 255059 and 203778 and leads down to the lake. The bush in this area is not near as heavy as on lease 19731 and past clear cut logging helped somewhat.

Much of the prospecting work was focused in and around a small fault that strikes north west.

Several targets were recorded for future work including outcrops, exposed rock and old trenching. The trenches appear to be from a very long time ago and have sloughed in but are still quite deep with depths of 2 metres or more to the top of the berm.

A more detailed prospecting, topographical and geological description spreadsheet can be viewed in on the next pages.

Station	Easting	Northing	Comments
NL01	600961	5245215	O/C located at higher elevation. Vfg. Grey. Siliceous. Heavy. Sulphides present, possible arsenopyrite.
NL02	600963	5245179	Claim property. Higher elevation. Heavy Bush. Dead fall. Various vegetation.
NL03	601734	5244596	Near claim line (old ribbon). Various vegetation. Tree'd area. Very minor boulders.
NL04	601723	5244581	O/C is vfg. Dark grey. Heavily weathered surface. Hard to chip off, Volcanic. Possible contact with diabase, however diabase is most likely boulders.
NL05	601721	5244594	Diabase boulder (3ft x 3ft). Slightly angular. Highly siliceous.
NL06	601688	5244608	Quartzite boulder (2ft x 2ft). Beige. Weathered surface.
NL07	601689	5244612	Diabase boulder (2ft x2ft). Fg. Dark green grey. Possible pyrrotite. Weathered surface. Hematite oxidation.
NL08	601671	5244607	Ledge of O/C (50ft N-S, 5ft high). This point is at centre of o/c. Volcanic. Aphanitic. Grey. Weathered surface. Blocky. Small shear zone present. Highly fractured. Trace of possible pyrrohtite and pyrite. 3ft to the north is a minor area of angular brecciation.
NL09	601669	5244598	Volcanic. Aphanitic. Grey. Weathered surface. Very minor veinlets filled with possible calcite. Minor mineralization, slightly magnetic. Possible Pyrrohtite.
NL10	601669	5244506	10ft x 10ft O/C. Volcanic. Aphanitic. Dark grey. Highly fractured. Blocky. Very minor quartz. Weathered surface. Brecciated sections, subrounded to rounded pieces of quartz. Very minor mineralization (Brown/silver).
NL11	601665	5244489	Start of o/c. Volcanic. Aphanitic. Dark grey. VFG silver looking mineralization, possible cobalt or hematite. Mineralization is disseminated, also seen trace with bubbly appearance (So small can't confirm with hand lens). Blocky. Fractured.
NL12	601663	5244478	Same o/c, end of ridge. As high as 4ft between the two points.
NL13	601653	5244434	Trench (6ft deep x 20ft long)
NL14	601658	5244425	Other end of trench.

NL15	601664	5244416	Remnants of a cabin.
NL16	601664	5244418	V-shaped trench.
NL17	601668	5244397	Edge of lake.
NL18	601700	5244579	Volcanic. Aphanitic. Grey. Weathered surface.
NL19	601673	5244642	Volcanic. Grey. Siliceous. Weathered surface. Blocky. Minor quartz carbonate on some surfaces and in veinlets. Vein striking EW and dips 25S. Rock strikes N/NW and dips 40 W/SW.
NL20	601614	5244673	Volcanic. Aphanitic. Weathered surface.
NL21	601594	5244653	Volcanic. Aphanitic. Grey. Blocky. Siliceous on some surfaces. Weathered.
NL22	601569	5244619	Volcanic. Aphanitic. Grey. Abundant veinlets appear to be calcite or quartz carbonate. Darker grey aphanitic angular inclusion that is rimmed with the same material as veinlets. Weathered surface. Closer to bottom of o/c some parts are aphanitic grey rx w/o veinlets. Possibly close to a contact. Greywacke boulder near o/c.
NL23	601559	5244613	Possible old logging trail.
NL24	601555	5244596	Volcanic. Grey. Siliceous. Vfg silvery mineralization. Also vfg cubic mineralization, possible pyrite. Also blebs of possible chalcopyrite (Mineralization so fg hard to see). Very minor cherty material on broken fractures.
NL25	601681	5244568	O/C is 25m long x 2m high. Highly bleached surface. At this location quartz vein 4cm wide with metallic mineralization, striking NS and dip 40W. Another quartz vein present is 2cm wide and near vertical. Host rx is volcanic. Grey. Slightly siliceous.
NL26	601682	5244562	1cm near vertical quartz vein. Same host rx with vfg disseminated sulphides.
NL27	601694	5244554	Same rx type as above. Vfg disseminated pyrite and blebs.
NL28	601709	5244541	Large erratic, 5ft x 8ft x 5ft. Conglomerate. Clasts subrounded to angular, mm's to 25cm.
NL29	601717	5244543	Volcanic. Has mottled appearance. Aphanitic. Greenish grey. Very minor metallics.
NL30	601736	5244558	Same rx as above. Vfg. Grey. Minor section with brecciated orange angular clasts.

New Lake Prospecting Log June 2022

June 10th – Access and prospect lease LEA-19731

June 17th – Prospect claims 255059 & 207757

June 18th – Prospect claim 255259

Recommendations

A full prospecting, mapping and sampling project should be conducted across the New Lake claims, leases and patents starting with a cut grid with 50m line spacing and stations at 12.5m intervals. A cut grid will also help to speed up access to areas that are mostly inaccessible on foot.

A geophysical survey such as a Magnetometer or EM should also be conducted on the patents and leases. If both the sampling and geophysical surveys show good results then mechanical surface stripping and drill should be considered.

Thank you.

Alan Kon

Alan Kon

References

Alan Kon, Assessment Work Report New Lake Claims For Outcrop Explorations Ltd
May 29, 2019

Seymour Sears, Report on Geological Mapping and Rock Sampling on the New Lake
Property Cobalt Area Ontario for Cabo Mining Corp Feb 20, 2001

ODM Map 2052, Cobalt Silver Area Southeastern Sheet Temiskaming District

Statement of Qualifications

I, Alan Kon attended Haileybury School of Mines from 1999 to 2002 in the Mining Engineering Technician/Technologist program where I was educating in geology, mineralogy, geophysics, field sampling and mapping and mine engineering.

I have nearly 29yrs experience and have worked mostly in prospecting/geological exploration in several locations across Ontario as well as Saskatchewan, Quebec and Nunavut along with two US states, Nevada and Washington State.

Prior to attending Haileybury School of Mines I worked in an assay lab in Saskatoon SK and at the University of Saskatchewan Geological Science Dept under the direction of Dr Robert Kerrich (deas) and Microprobe manager Tom Bonli.

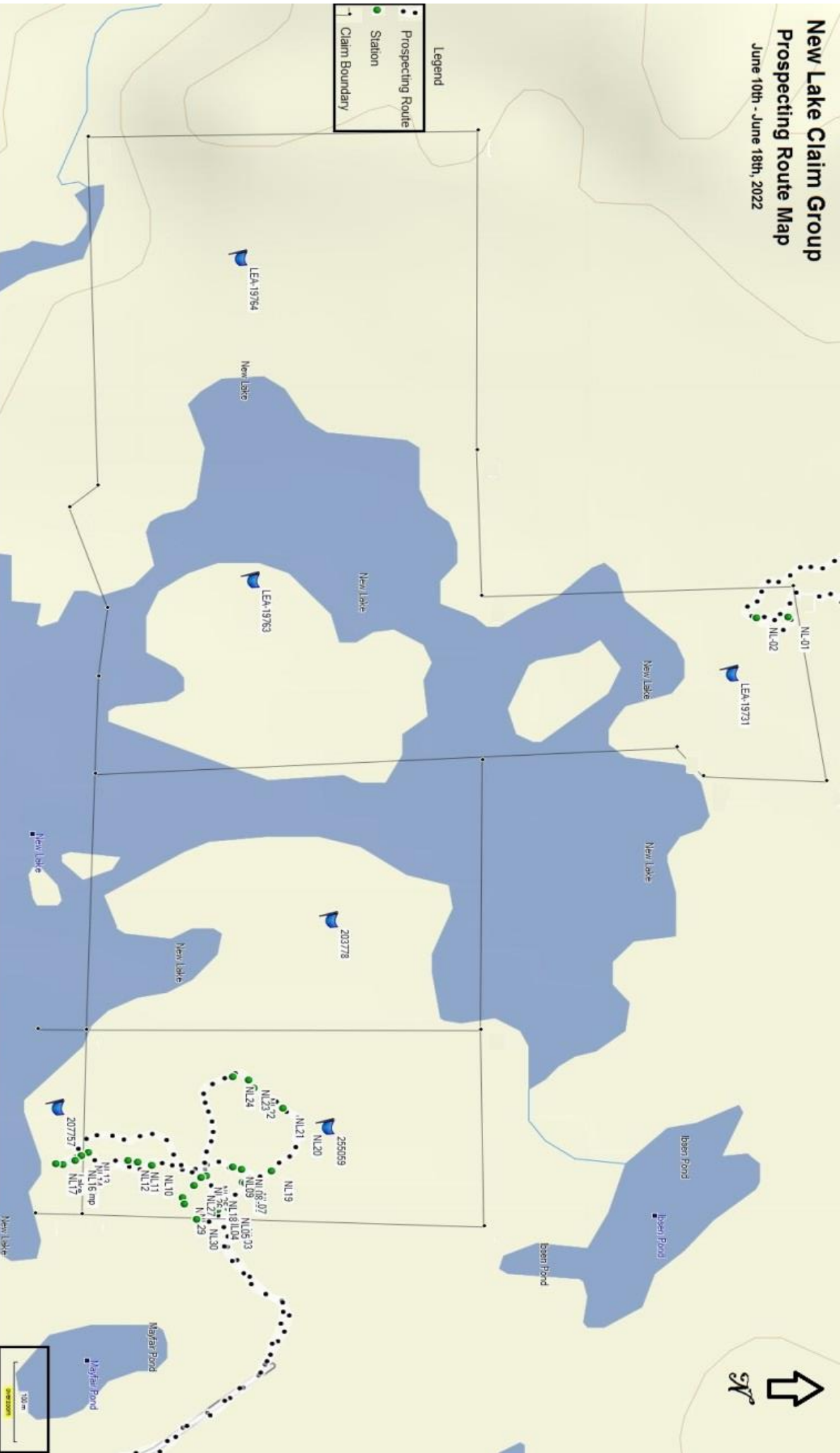
I am a director of the Rock Walk Park in Haileybury and vice president of the HSM Gangue-sters Rock and Mineral Show.

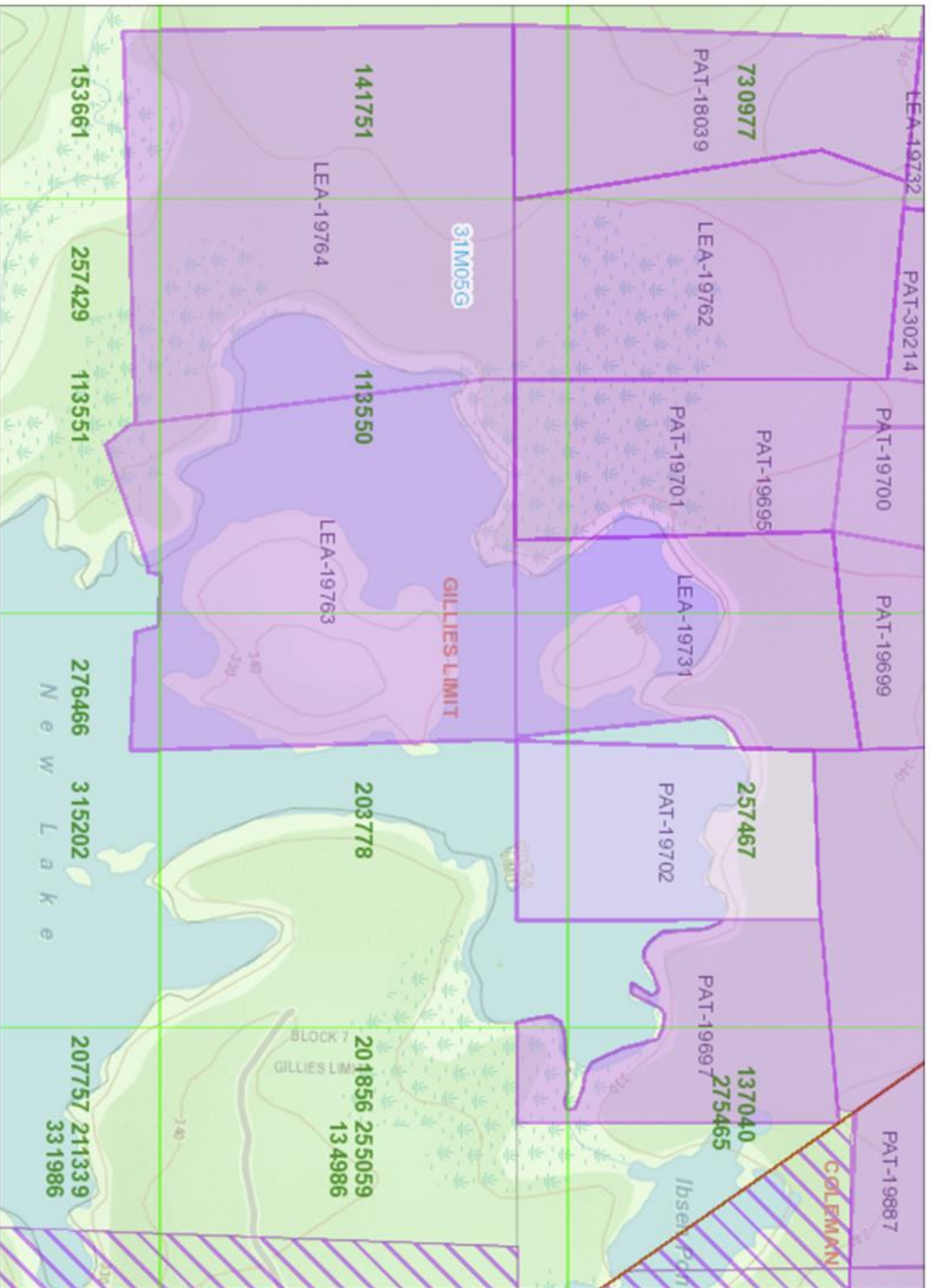
Alan Kon

New Lake Claim Group Prospecting Route Map

June 10th - June 18th, 2022

- Legend
- Prospecting Route
 - Station
 - Claim Boundary





Legend

- Provincial Grid Cell
 - Available
 - Pending
 - Unavailable
- Mining Claim
 - Mining Claim
 - Boundary Claim
- Attention
 - Withdrawal
 - Notice
- NDM Administrative Boundaries
 - NDM Townships and Areas
 - Geographic Lot Fabric
- UTM Grid 1K
- UTM Grid 10K
- Mining Division
- Mineral Exploration and Development Region
- CLUPA Protected Area - Far North
- Resident Geologist District
- Federal Land Other
- Native Reserves
- AMIS Sites
- AMIS Features
- Dill Hole
- Mineral Occurrences
- MLAS Mining History
 - Withdrawal - History
 - Notice - History
 - Mining Claim - History
 - Mining Land Tenure - History
- Legacy Claim
- Provincial Grid
 - Provincial Grid 250K
 - Provincial Grid 50K
 - Provincial Grid Group
- Land Tenure
 - Surface Rights
 - Mining Rights
 - Mining and Surface Rights
 - Order-in-Council

Those wishing to register mining claims should consult with the Provincial Mining Recorders' Office of the Northern Development and Mines (NDM) for additional information on the status of the lands shown hereon. This map is not intended for navigational, survey, or land title determination purposes as the information shown on this map is compiled from various sources. Completeness and accuracy are not guaranteed. Additional information may also be obtained through the local Land Titles or Registry Office, or the Natural Resources and Forestry. The information shown is derived from digital data available in the Provincial Mining Recorders' Office at the time of downloading from the Northern Development and Mines (NDM) web site.

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