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Nous tenons à améliorer <u>l'accessibilité des services à la clientèle</u>. Si vous avez besoin de formats accessibles ou d'aide à la communication, veuillez <u>nous contacter</u>. 2022 Prospecting Report
Skead Property
Maclennan Townships
Sudbury, Ontario

Prepared By:
Stephen Skjonsby
Mineral Process Solutions
September 09, 2022

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1.0 INTRODUCTION

The Skead Property is an exploration property that has seen focused examination for gold, crystalline silica, and to a lesser extent base metal exploration. A very pronounced 10-15 m wide quartz vein extends for +400 m along the western shore of Bonanza Lake, and was the focus of a historic shaft development as early as 1895. Exploration targets have also been identified along the contact of the Skead Formation Quartzite and underlying stobie formation, along with a major northwest treading fault structure.

The proximal location to the eastern edge of the Sudbury Impact Structure (Nickel Rim South Mine can be seen on the elevated sections of the property) makes the property appealing for base metal exploration with 2005 exploration indicating grab samples as high as 399 ppm Ni & 945 ppm Cu.

The focus of this document is to report early stage grass roots exploration completed in 2020 to satisfy work reporting requirements.

1.1 Scope of Work

The purpose of the 2020 work was to have identify historic targets, identify potential mine hazards and inform local stakeholders, and attempt to identify discrete surface expressions of secondary mineralization proximal to the Bonanza Lake Quartz Vein. The Bonanza Lake quartz vein was exposed with hand tools to limit heavy equipment activity near the lake.

A secondary egress, north of Pike Lake was cut out for walking and limited ATV access into the northern sections of the property.

A sample collection of hi purity silica was collected for a multi element ICP & Acid-Base accounting to support future quarry permitting if a market for high quality silica becomes available.

1.2 Technical Parameters

GPS Reciever Type:

- Garmin GPS etrex20
- Averaging 20 positional fixes (variation was routinely less than 5 m)

Coordinate System: NAD83, UTM Zone 17

Backup GPS:

Apple Iphone 12 with iOS version 15.5 utilizing Apple Maps or Google Maps

Note: Manual Transit also brought to trail head, in case GPS coverage was poor, but satellite coverage is ideal.

1.3 Plans and Permits

The following permit was valid at time of program:

EXPLORATION PLAN NO. PL-20-000030 Bonanza Lake North (Issued May 6, 2020), then amended to Exploration Permit # PR-20-000254 in September 2020

Memorandum of Understanding with Atikameksheng Anishnawbek (Signed May 14, 2020)

2.0 PROPERTY DESCRIPTION

2.1 Location and Access

The Skead Property consists of 7 claim units lying north east of the bedroom community of Skead, in the Greater City of Sudbury ON. The work program presented in the report was completed on the following claim #569145.

The property is easily accessed by a paved highway from Sudbury through to Highway 541 (Skead Road) passing eastern side of the Sudbury Airport to the community of Skead. The distance from Sudbury to Skead is approximately 25 km. At Skead, a paved road (East Bay Road) passes through the north west corner (Claim #724150) Two gravelled roads extend from East Bay Road to the eastern part of the property to access angling opportunities on Bonanza Lake.

The outcrop stripping that occurred in 2020 intentionally did not connect the Bonanza Lake ATV trail to the work site. A hiking trail was cut out and tools were backpacked in to conduct exploration activities. An additional hiking trail was cut on the north side of Pike Lake to Bonanza Lake to support planned geophysical activities.

2.2 Geography

Maximum relief is approximately 75 meters. Topography is generally rolling with steep ledges and extensive wet lowlands, albeit with shallow soil depth. The property is on the crest of a drainage system with the northern section draining into Pike Lake and a meandering creek that drains north westerly into Wanapitae Lake. The section of the property (Claim #569145) drains into Bonanza Lake, which then drains southeast into the Wanapitae River.

The property is close to the mining center of Sudbury and very well located with respect to electricity, water, transportation and other mining related services to support low impact exploration & development.

3.0 GPS GEO REFERENCING OF DATA

3.1 Collection of Data

Satellite reception was adequate for confirming grid layouts, and trail orientation and cellular GPS confirmed an accuracy of 3-5 meters during the program.

The center of this property is UTM 17 525725.64E 516691.10 N

4.0 Skead Property Geology

The Skead property lies within a complex zone of deformed rock that occupy the eastern flank of the Sudbury Impact Structure. These rocks consist of deformed Archean volcanic and intrusive rocks and gabbroic intrusive rocks that are considered to be Nipissing in age.

The claim group was covered by two geological surveys carried out by the O.G.S. These include J.E. Thompson in 1961 and B.O. Dessler in 1982. The most recent published data compilation shows the property to be underlain by a northwest trending belt of Huronian sedimentary rocks (Quartzite and Arkose) intruded by northwest trending sills and dykes of Nipissing diabase.

4.1 Historic Work

The property hosts one known gold prospect, along with an adjacent advanced gold exploration project summarized as follows:

Bonanza Mine

- Pre 1894 15 m deep shaft sunk with minor exploration workings samples sent to Kingston
 ON for testing
- 1956 Falconbridge drilled two holes looking for silica flux and to search for potential gold mineralization associated with the quartz vein.
- 1968 Ed Blanchard drilled two holes examining the quartz vein for hi purity silica

Skead Mine (immediately west of property)

- 1933 Glendinning sunk a shaft to 165 ft and 1200 ft of underground workings and trenching was completed
- 1946 Falconbridge dewatered and underground sampled the occurrence identifying low grade Cu-Au mineralization.
- 2004 Cabo acquired claims in the vicinity of the Skead property and several line of Induced Polarization were completed to determine if this type of survey would identify exploration targets
- 2006 Metanor drilled hole MW-16-18
- 2007 Cabo drilled two holes (SK-07-02,SK-07-04) south west of Pike Lake to target an unconformity contact zone between the gently dipping huronian sediments and the Archean metasedimentary and metavolcanic rocks. Hole SK-07-02 was collared on Huronian metasediments and the hole was terminated at 183 meters depth after not hitting the contact. Hole SK-07-04 was collared 60 meters north east and terminated at 99 meters with out reaching the contact.

5.0 Skead Exploration Summary

Early stage exploration took place on the following dates:

May 14, 2020 Signed Memorandum of Understanding with Atikameksheng (6 hrs dialogue)

May 22, 2020 Site visit by S. Skjonsby and Ross Hill (Mining Engineer) to assess the abandoned mine hazard at the south property boundary, and walk the perimeter of the pond to the north. (16 hrs)

June 10, 2020 Traversed from East Bay Road to Bonanza Lake Quartz vein to identify secondary egress point (8 hrs)

July 8, 2020 Stripped & Percussive drilling on Claim #569145 (8 hrs)

July 15, 2020 Walked outcrop with Beepmat to identify conductors (8 hrs)

July 17, 2020 Cut trail on North side of Pike lake to Claim 569145

July 23, 2020 Inspected west side of Kolari Bay for sources of "clean huronian quartzite"

July 24, 2020 Prospected large quartzite along boundary of 569145 (possibly erratic)

July 29, 2020 Prospected western end of property

Aug 17, 2020 Sampled stripped area, Main shaft, shear zone, and North Shaft (Samples 9416059,9416060,9416061, 9416062

Oct 3, 2020 Walked in East bay trail to look for silica outcrops after leaf drop to west boundary of 569145

December 21, 2020 Travelled into Bonanza Lake and crossed ice to Beepmat survey eastern section of claim #569145 during low snow conditions.

Total days = 12 days exploration X\$800/day = \$9600

Total days with aboriginal consultation 1 day = \$400

ALS Analysis Results = \$653.45

Rock Drill Rental = \$128.44

Report Writing \$500

Total Amount Credited = \$11281.89

NOTE: All expenses to be credited to claim #569145

The exploration program failed to locate any gold mineralization albeit some mylonite was observed in shearing along one of the western contacts of the bonanza quartz vein north of the old shaft.

Silica assays collected on August 17, 2020 ranged from 91.7% in Quartzite to 99.2% in the main vein.

The sample collected for Acid Base Accounting confirmed a natural pH of 8.4 and a modest neutralizing potential of 0.3. This is a characteristic result for a clean silica sample.

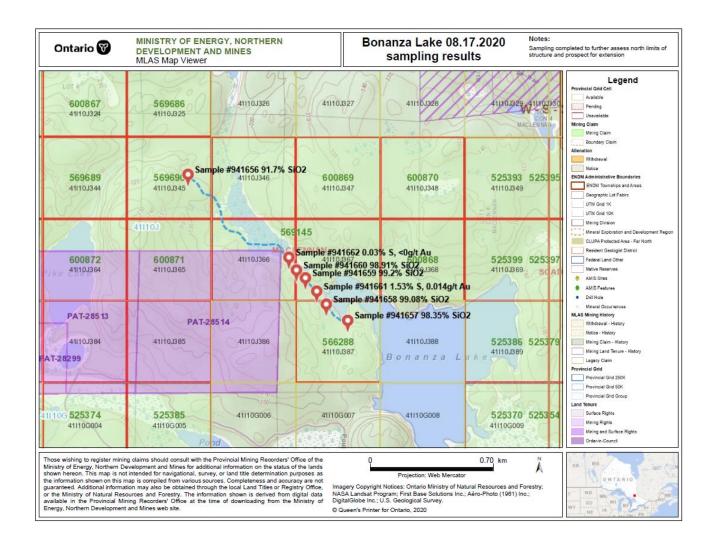
6.0 Recommendations for Future Work

Due to the labour and equipment shortages which were exacerbated by the pandemic, the drill program to test the north western limits of the Bonanza Lake quartz structure and potential traps for gold mineralization was not completed. A drill hole in this area is still highly recommended.

7.0 Statement of Qualifications

I, Stephen Skjonsby do hereby certify that:

- 1. I reside at 578 Queen Elizabeth Street, Lively, Ontario, Canada P3Y 1N!.
- 2. I am a graduate of the Mining Engineering Technician program at Northern College in Haileybury, Ontario. I graduated with honours in August 1998.
- 3. I have practiced geological exploration from 1996-2000, and then from 2015 to present.
- 4. From 2000-2015 I worked full time as a Metallurgical Technologist for Vale Canada. During that time I gained significant knowledge in sulfide mineralogy including pentlandite, pyrrhotite and chalcopyrite mineral species.
- 5. I have completed the Mining Act Awareness Program and I am familiar with the mining act regulations, policies and procedures as a licensed prospector.
- 6. I was a full time employee for SCR Mining & Tunnelling between 2018-2021, and was involved in exploration efforts on properties held by Claude Seguin who is one of the principals at SCR Mining & Tunnelling.
- 7. I am currently an independent mining and exploration consultant and hold no interest in this or any other properties held by SCR Mining and Tunnelling, Claude Seguin or any affiliated party.



2103 Dollarton Hwy North Vancouver BC V7H 0A7 Phone: +1 604 984 0221 Fax: +1 604 984 0218 www.alsglobal.com/geochemistry

TO: SCR MINING AND TUNNELLING L.P. 2797 WHITE STREET VAL CARON ON P3N 1B2

Page: 2 · A
Total # Pages: 2 (A · D)
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***** See Appendix Page for comments regarding this certificate ****

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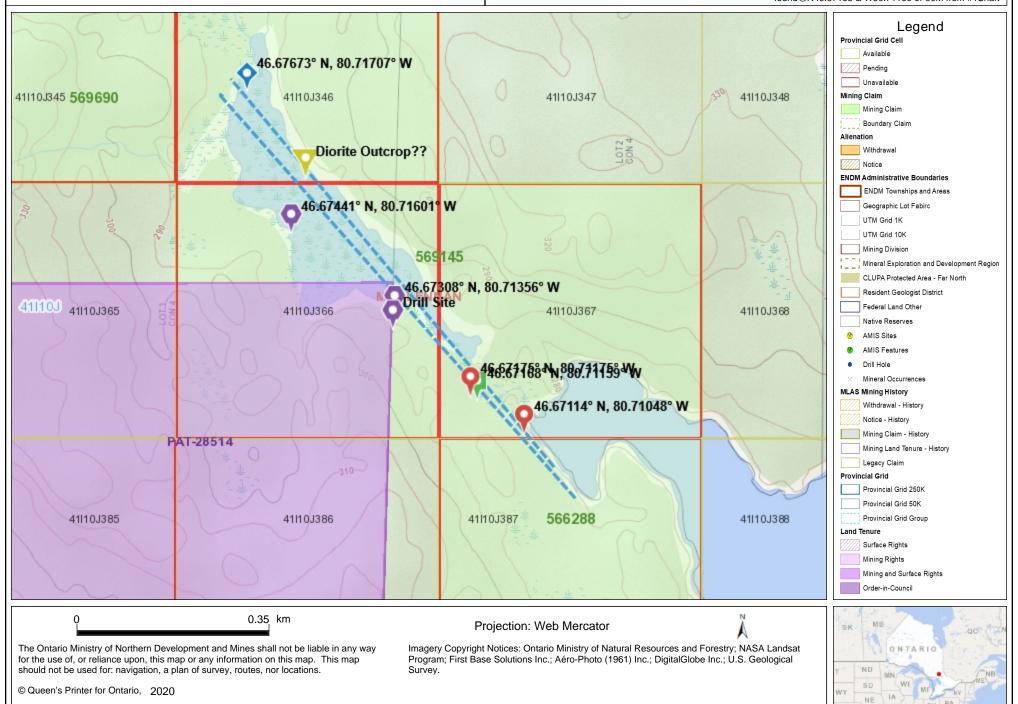
Skead Property – 2022 Prospecting Report



Bonanza Lake Map

Notes:

Site Visit held on 22/05/2020 with S. Skjonsby&R. Hill#2Shaft @N46.67175 &W80.71175. Qtz vein found@N46.67168 & W80.71159 or 90M from #1Shaft

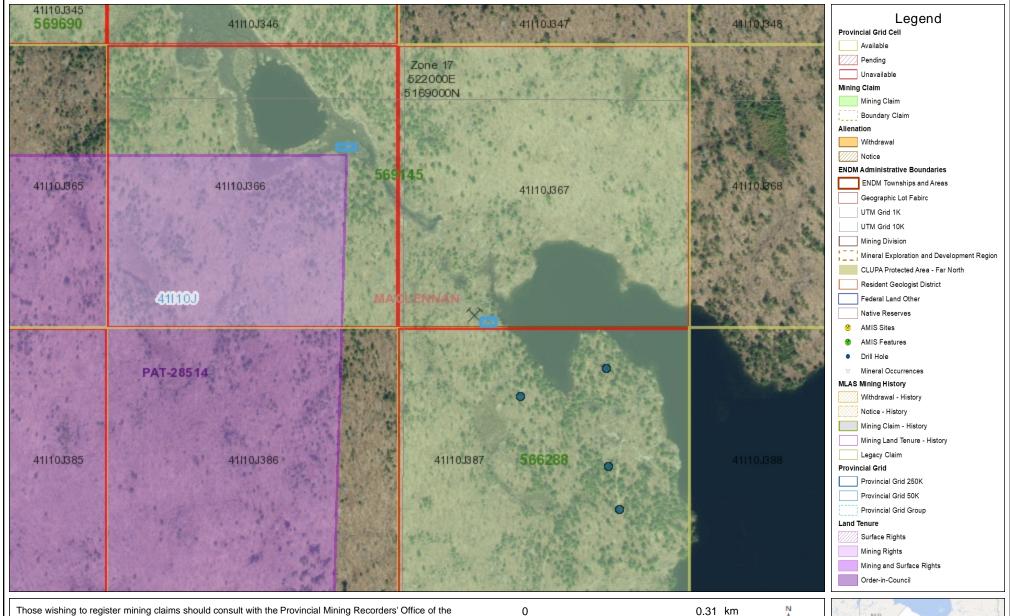




Bonanza Lake North Property

Notes

Property Examined and south showing was stripped and percusive driilled



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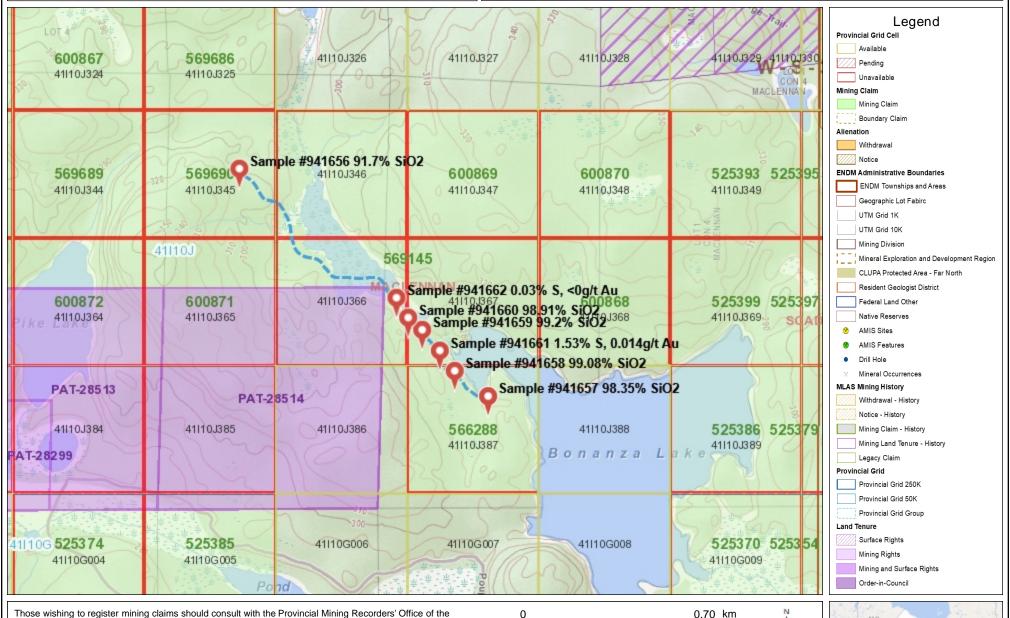




Bonanza Lake 08.17.2020 sampling results

Notes:

Sampling completed to further assess north limits of structure and prospect for extension



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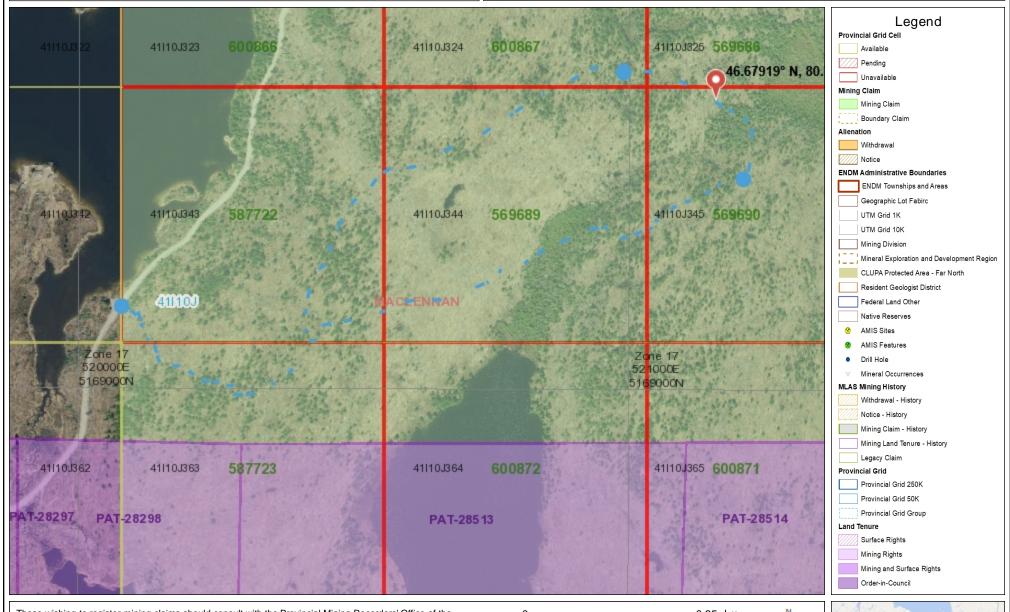




Oct 2 2020 Prospecting Traverse

Notes:

Walked to 46.67759,-80.72267 & 46.67929,-80.72313 to look at silica outcrops



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0.35 km Projection: Web Mercator

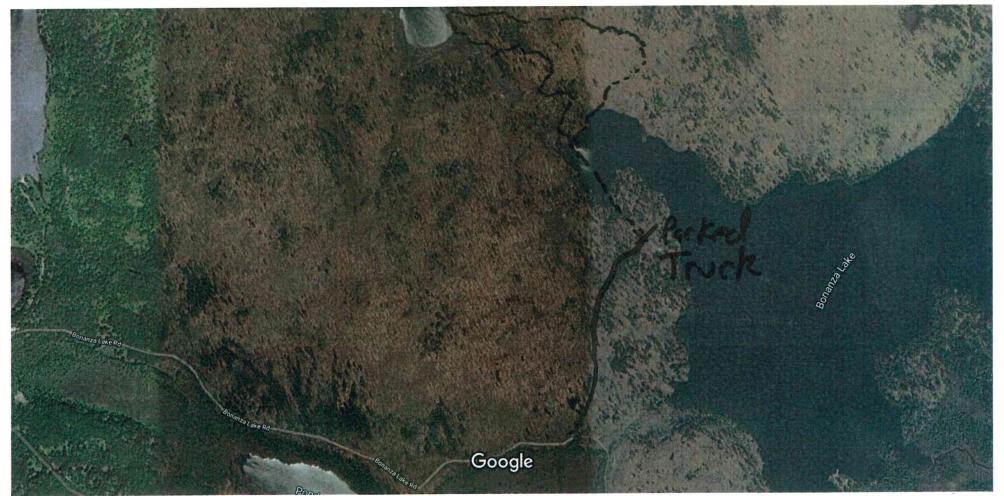
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Google Maps

Dec 21/20

Beepmat Traverse



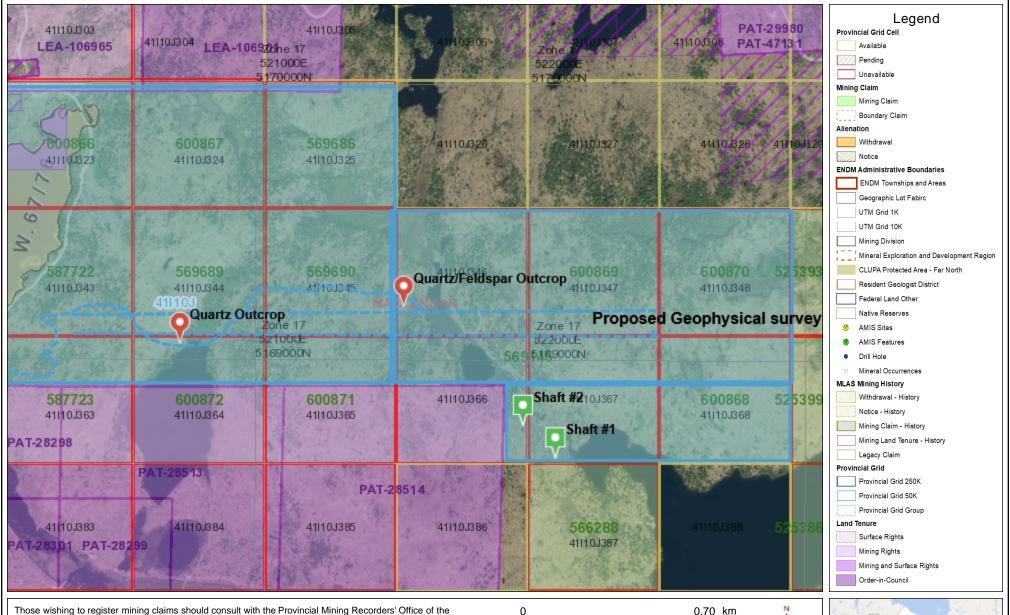
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15 Claim Bonanza Lake Property

Notes:

Claim Units acquired are highlighted in Blue. Lease #106901 & 106965 are leased to Wahna Gold Resources & Metanor Resources. Secondary Quartz



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Ministry of Mines (MINES)

MLAS Map Viewer

Dec 21 2020 Beep Mat Traverse Scale 1:10000

Completed traverse when ice depth +4" Traverse in red, no conductors found



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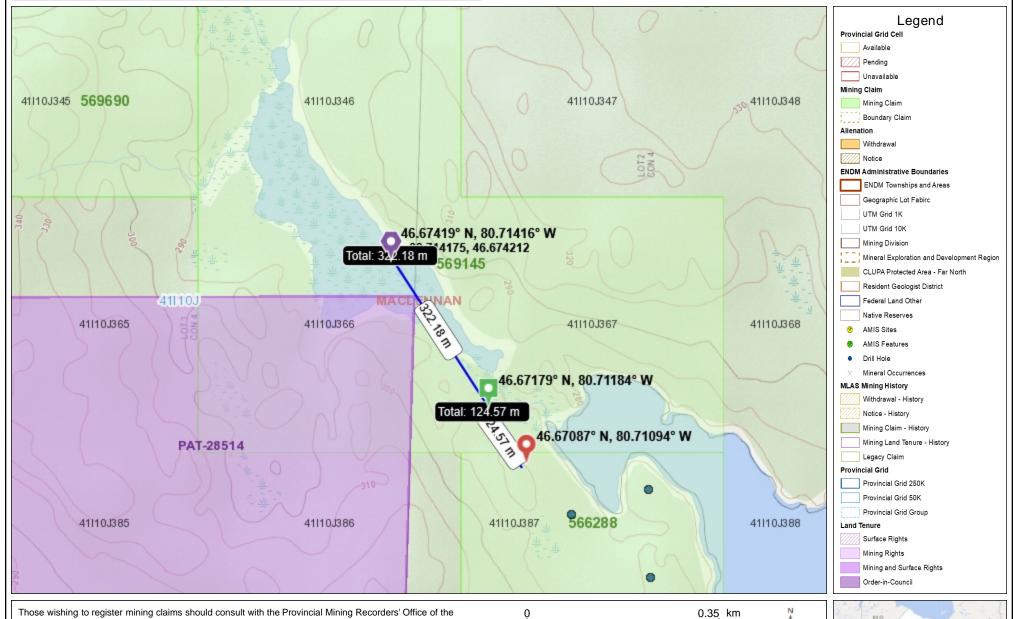




July 15 2020 traverse

Notes:

Walked and looked at outcrop with Beepmat



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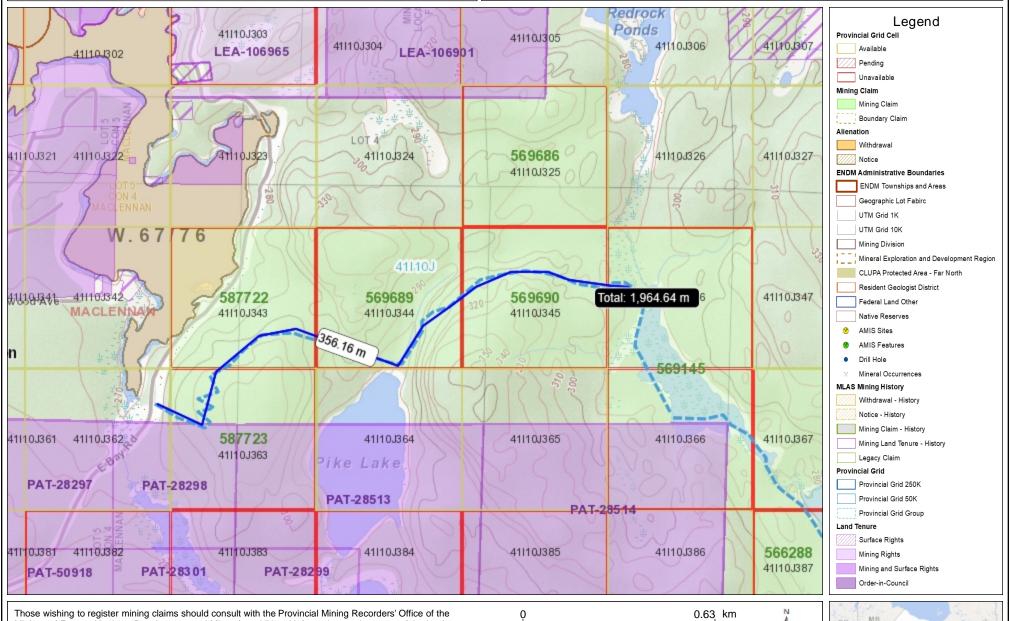




July 17 2020 traverse

Notes:

We extended the trail across the swampy outlet of Pike Lake over to the swamp section and identified a large Silica boulder/Outcrop that will need further review -



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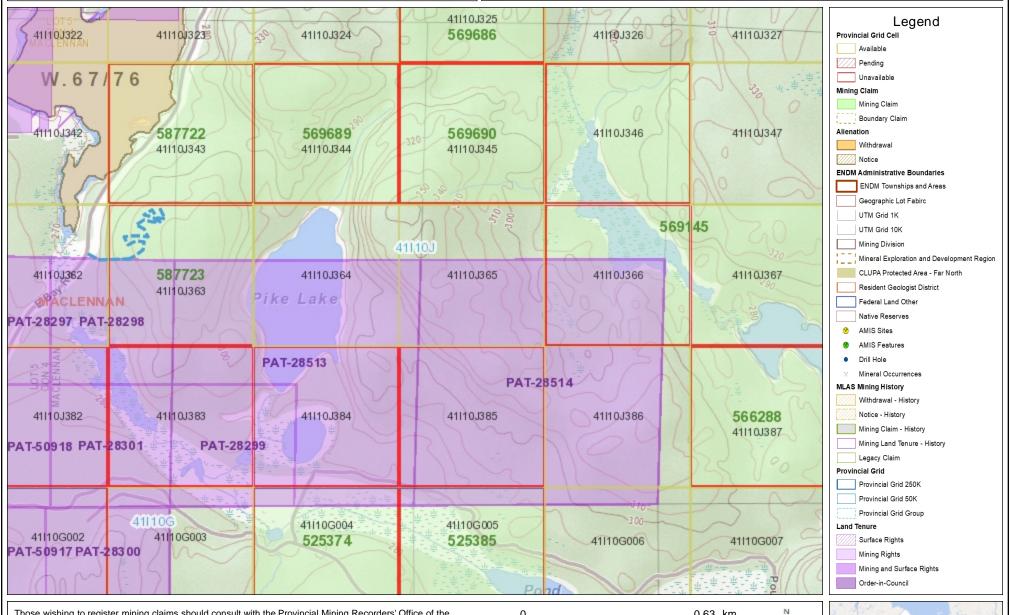
Ontario 📆

MINISTRY OF ENERGY, NORTHERN DEVELOPMENT AND MINES MLAS Map Viewer

July 23 2020 Prospecting Traverse

Notes:

Searching on hill slope for quartzite outcrop source from all the boulders.



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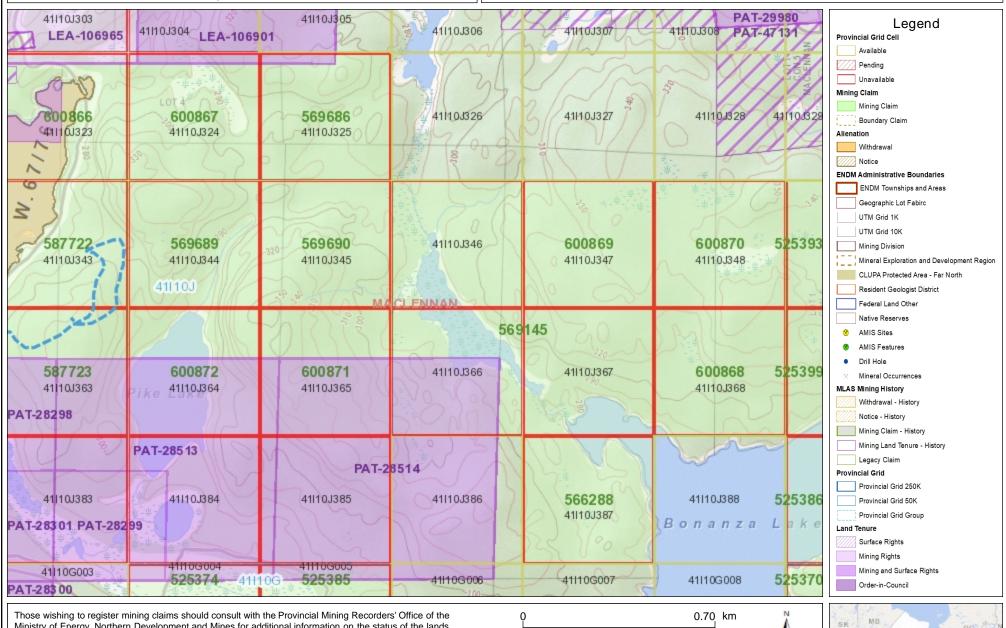


Ontario 😿

MINISTRY OF ENERGY, NORTHERN DEVELOPMENT AND MINES MLAS Map Viewer

MLAS Map - July 29 2020 prospecting traverse

Notes:



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Projection: Web Mercator





June 10 2020 Prospecting Traverse



Prospected the Western End of the claims on June 10 2020 locating two potential quartz outcrops and potential secondary access point to claims

NE

