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Prospecting  
Nicol Twp.  
Larder Lake Division  
Claim Nos. 167773 , 290612, 167772

Report December 31/2021  
By Sherry Swain



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## Location and Access

The claims are located on Hwy.560 approximately 4 km, east of the hamlet of Gowganda. The highway runs east/west through the northern part of the claims. Work was conducted on claims 290612 and. Leroy lake is on the northern boundary of the claims.

## Land Status

The original historic claim is L1238951. The numbers included in this claim are 290612, 167773, 181211, 187262, 167772.

This claims are held 100% in the name of Sherry Swain. [199212](#)

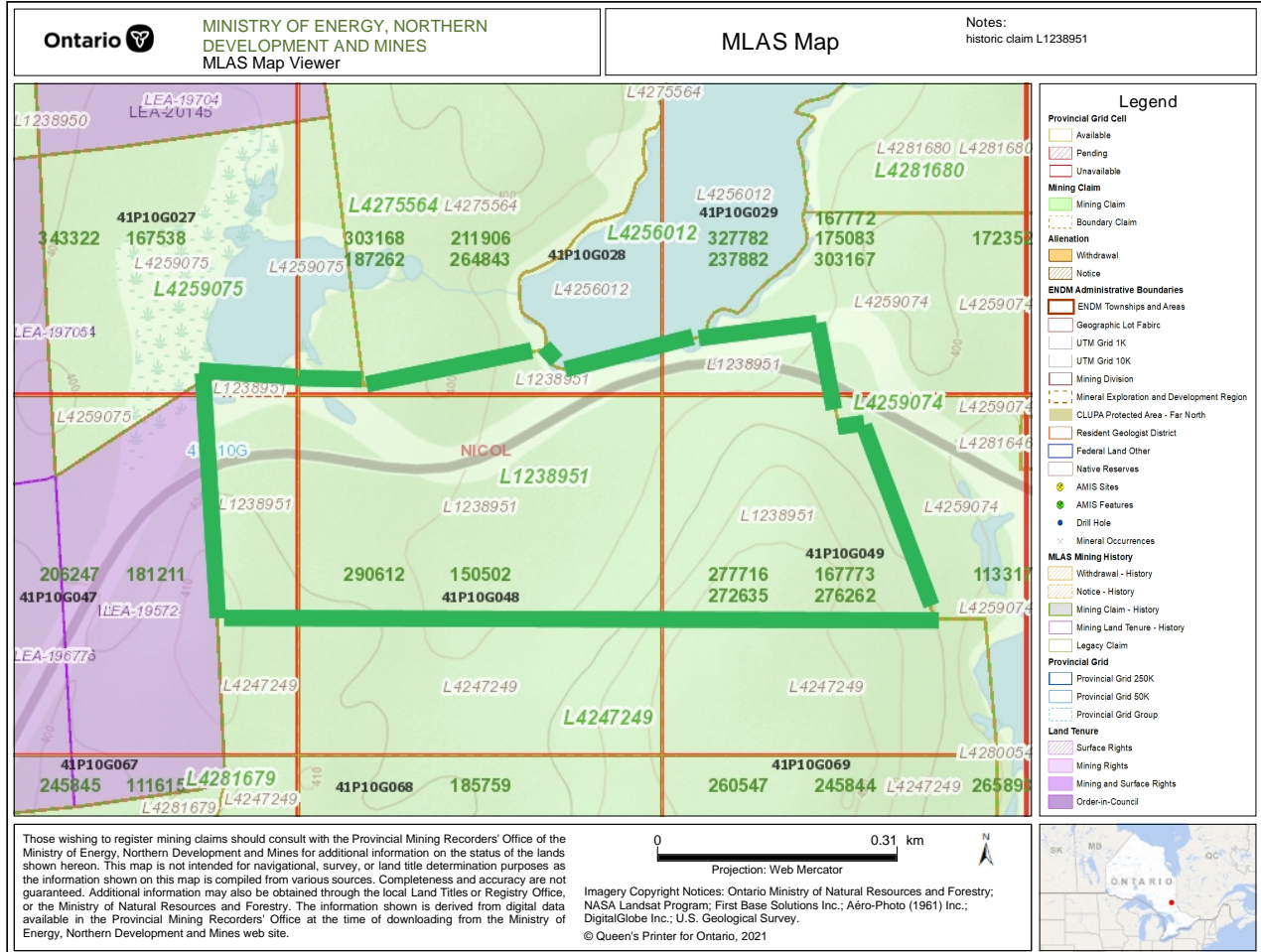
## Previous Work

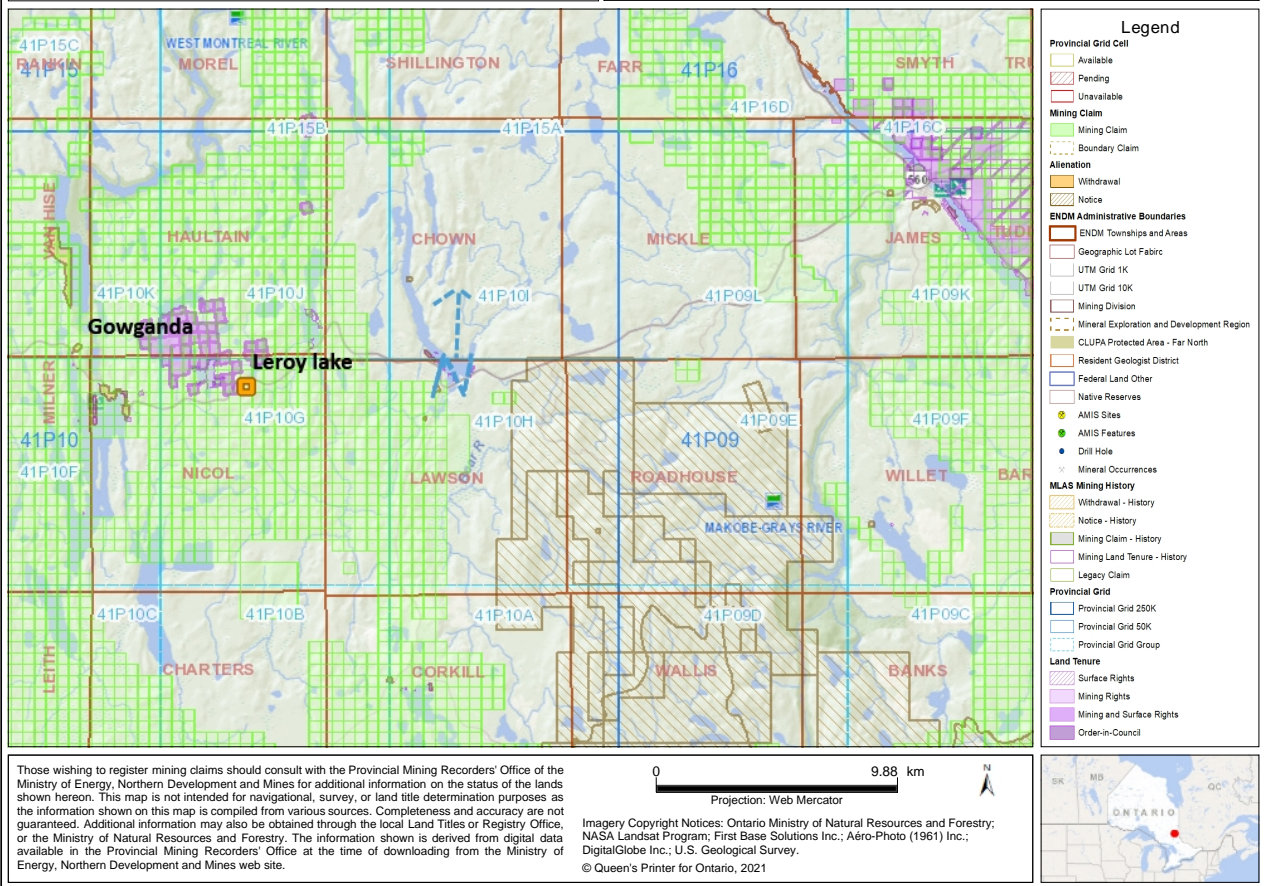
Information on this claim is very scarce and only one test pit on the western part of the claim was noted as being in calcite with pyrite and chalcopyrite. (OGS Report 175)

## General Geology

The claims are located in north Nicol township and is underlain by Archean mafic to intermediate volcanic rocks intruded by mafic and felsic intrusive rocks. These rocks are intruded by north-trending Matachewan dykes. The Archean rocks form an inlier / island within a sub-circular basin of Nipissing Gabbro referred to as the Miller Basin (McIlwaine 1978). The diabase sill has a saucer shape and underlies the Archean rocks at depth. These claims are underlain by Huronian sediments to the north and Archean metavolcanic rocks to the south. The metavolcanic rocks consist of variably altered, northwest-trending, schistose mafic to intermediate flows and volcanoclastic rocks.

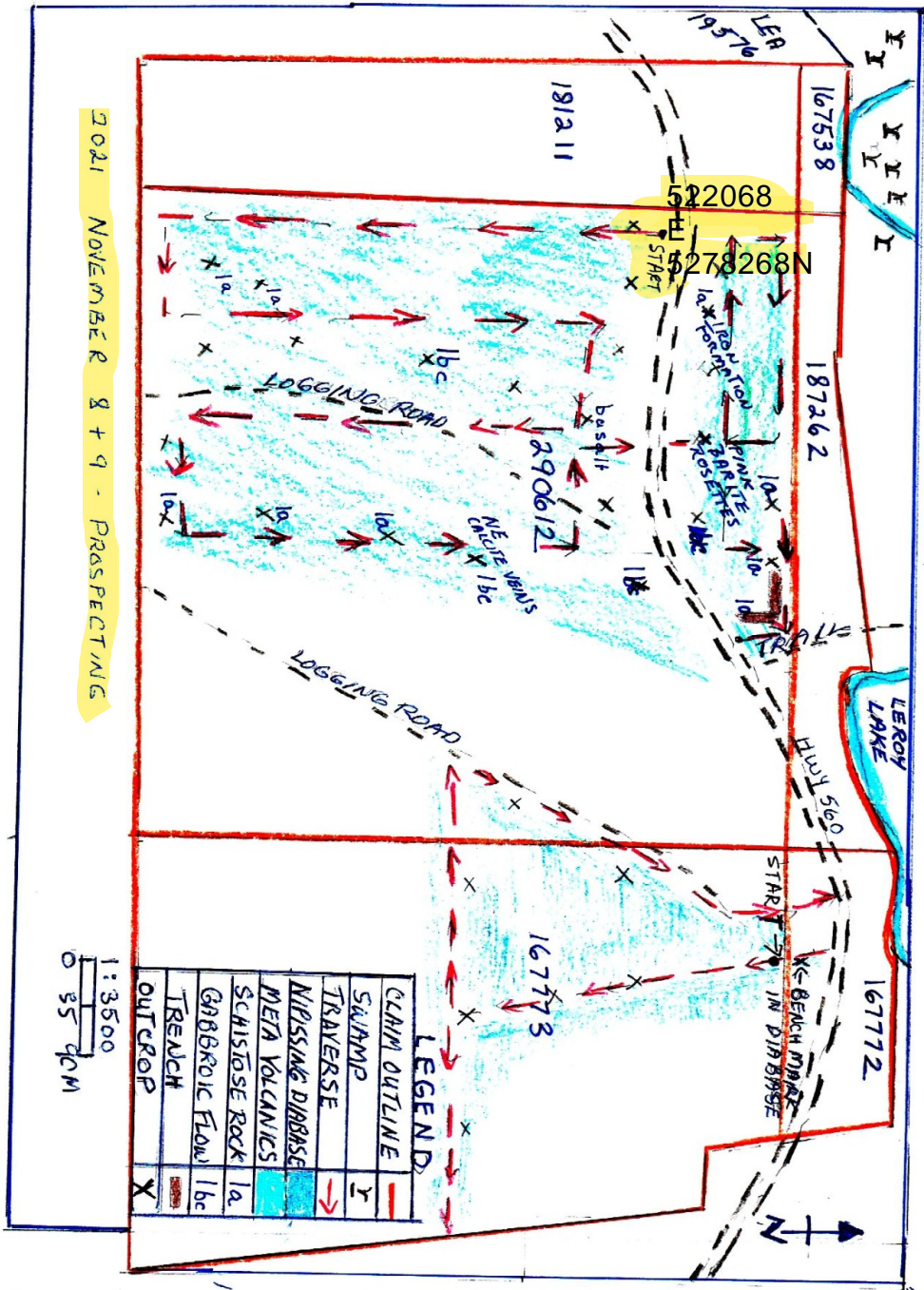
Nicol twp.





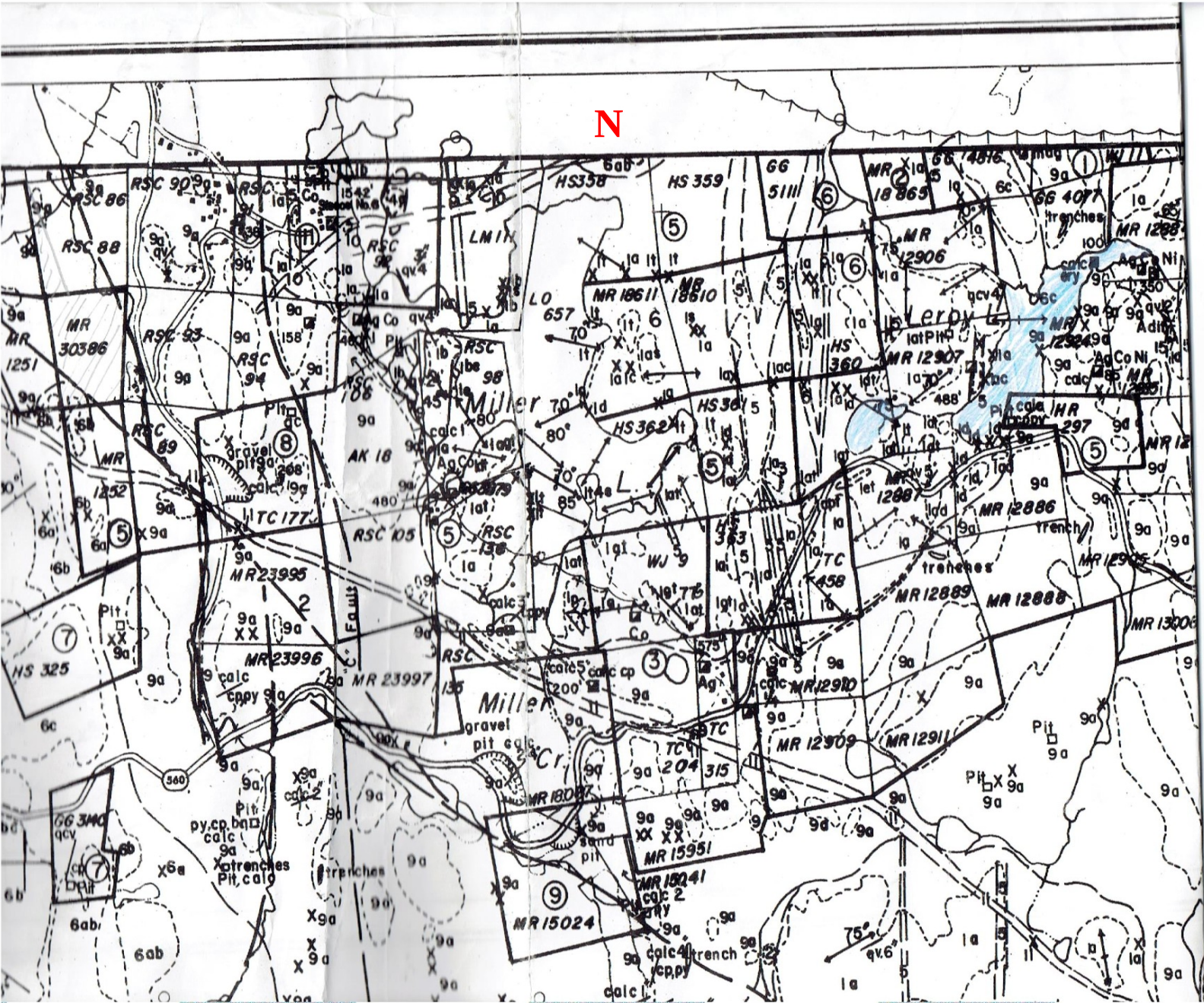
# Map of Traverses

Prospecting done by Sherry Swain 199212  
Nicol Twp.



Geological map P.374 ODM 1966 Leroy Lake in blue

scale 1 inch to 1/4 mile





## Daily log

November 8, 2021- 8:00 am Started at highway 560 at western edge of Claim 290612.

Traversed south 335 m. to the boundary of the claim and then east 80 m.

Then north 320 m. to the highway rock cut and then 80 m. east.

Traversed 320m. to the southern boundary then 80 m. east.

Went north 300 m. and then west 80 m. and headed up to the highway,35 m.

Finished 3 pm.

November 9, 2021 Started at the highway in the middle part of claim 290612 at 8 am.

Traversed north 35 meters and then west 80 m.

Went north 40 meters to claim boundary and then 240 m. to old trench .

The trench length was 35 m. and the strike was west. The trench then turned south for a distance of 20 m. and ended.

Finished at 11 am.

Traversed south 245 m. at 11:15 am at Hwy 560 , claim 167772, 35 m. south to claim 167773.

Found an old benchmark in the diabase outcrop just south of the highway.

Then traversed east to the claim boundary 157 m.

Then traversed back west 330 m. to the logging road on claim 290612.

Traversed NE 280 m. to the highway and finished at claim 167772.

Finished 3:15 pm.

## Results

The claims to the south of Hwy 560 were clearcut in 2018.

Claim 290612 north of the highway was in old growth and an old trench totalling 55 m. was found in volcanics. A huge pillar of volcanic schist was lying on its side and was the only visible rock in the trench as it was debris filled. Looked like a huge log. Schistose rocks seem to be prevalent in this area.

On the north side of the highway small areas of iron formation occur in outcrop near the highway. An interesting outcrop with pink florettes occurs on a

flat lying volcanic outcrop near the highway. I believe that these may be barite florettes. Well formed calcite crystals are mixed in with the florettes.

South of the highway numerous schistose rocks were located , but only one had mineralization. Pyrite cubes were sparsely scattered throughout the outcrop.

A gabbroic flow was located near the old logging road but was not mineralized. Narrow calcite veins ran NE through the outcrop.

On claim 167773 the rock outcrop encountered was Nipissing Diabase and no mineralized areas were located.

### Recommendations

The trench on the north side of the highway near Leroy lake could be partially cleaned out near the large block of schist to check for mineralization.

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floettes



trench

Schist in trench

