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Prospecting
Nicol Twp.
Larder lake Division
Claim Numbers 318463, 111156



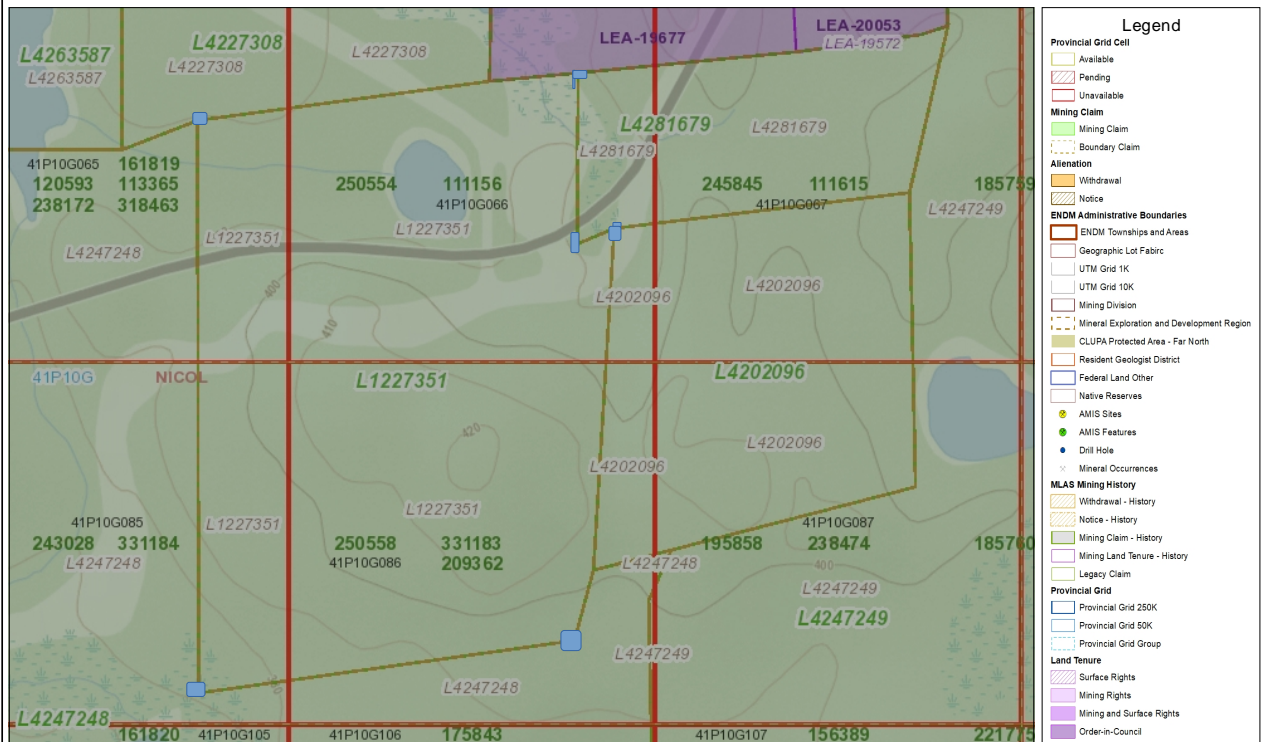
Report by Sherry Swain...December 10, 2020

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OLD PIT LOCATION
CLAIM 111156
NICOL TWP.



Legend

- Provincial Grid Cell**
 - Available
 - Pending
 - Unavailable
- Mining Claim**
 - Mining Claim
 - Boundary Claim
- Alienation**
 - Withdrawal
 - Notice
- ENDM Administrative Boundaries**
 - ENDM 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 Sites
 - AMIS Features
 - Drill 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

0 0.31 km

Projection: Web Mercator

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CORNER POSTS 
HISTORIC CLAIM 1227351

Location and Access

The claims are located on Hwy 560 approximately 3.5 kilometers east of the hamlet of Gowganda. Gowganda is located 42 km. west of Elk lake.

The highway runs through the claim group. The two claims on which work was conducted were 111156 and 318463.

The work was conducted on the north and south side of the highway.

A logging trail heading north from the highway runs through the east side of the claim group for a short distance.

There is an old rock dump from previous mining at the highway.

Land Status

The claims are held 100% in the name of Sherry Swain 199212.

They are part of historic claim number 1227351.

Previous Work

- The original ground consisted of 2 mining claims staked in 1909 for General Morrison of Ottawa.
- Some high grade ore was discovered after sinking a 27 meter shaft. A particular piece of high-grade silver was sent for exhibit to London and placed in the Empire Exhibit.
- In 1928 Tonopah Canadian Mines Limited sank a shaft to 98 meters and then 183 meters with a resultant production of silver.
- The property was enlarged in 1951 and further exploration found new ore shoots which led to further production.
- Total production of silver from 1930 until 1954 was 719,201 ounces and cobalt totaled 22,018 pounds.
- Now known as the Morrison Mine

General Geology

A saucer-like configuration, Nipissing diabase, about 2 miles in diameter known as the Miller lake Basin. It is the most important economical geological feature of the area.

The diabase sill intrudes Keewatin volcanics and Huronian sedimentary rocks. The claims are located on the south side of the basin.

Geology of the Property

The veins of the Morrison form a narrow ore zone about 400ft. Long. The veins are peculiar in that most of them show bands of granophyre next to the diabase walls. There is a band of quartz on either side with calcite and ore minerals in the centre of the vein.

A large fault striking nearly northwest cuts through the mine and passes above the ore zone.

The ore coming from the mine in 1954 averaged 25 ounces per ton and amounted to about 60 tons per day.

Almost all of the production was obtained from between the 250 and 500 ft. levels.

Daily Log

Sept. 1- Started at 521209E, 5277557 N on the south side of the highway claim 111156 and proceeded east. (9 am). Diabase outcrops were encountered along the traverse and the traverse headed north across the highway at the logging trail and ole rock dump. An old pit and trenches were found at 521389E, 5277664 N. These pits and trenches were quite grown in , but mineralization was noted/ An outcrop of diabase was encountered adjacent to the pit. The abundance of chalcopyrite was noted and a future visit was planned for further examination.

The traverse continued north to the east-west claim line. Along the west boundary of the logging trail diabase outcrops were noted with no visible mineralization.

Proceeding along the clear cut land ,outcrops of volcanics were noted just west of the pond. 521232E, 5277744N .

A diabase out crop was noted at 521197E, 5277705N.
See map A for traverse.

Finished at 4 pm.

Sept. 23- Started 9 am at trail and traversed to old pit located at 521389E , 5277664N. Handgrubbing was conducted at pit and trench heading north from pit. 2 samples were sent for assay. Quartz / calcite veins, approximately ½ to 1 in. wide were observed in the Nipissing diabase in the pit wall. A carbonate vein on the south wall of the pit contained sulphides. Chalcopyrite and bornite was observed in blast the blast rock and was highly visible. Samples of massive chalcopyrite were retrieved.

Finished at 3:30 pm

See Map B and photos

November 15, - Traverse started at 9:30 am south of the highway at 521209E, 5277705N and proceeded west to the eastern claim boundary of 318463. Diabase was observed , but no mineralization.

The traverse proceeded north along the boundary of 318463 through a tag elder area and then a small creek which ended in clear cut. North of the creek in clear cut Nipissing diabase was found to be the predominate rock type. The traverse headed south into the spruce area and an old pit/ trench was discovered at 521040E, 5277631N. This was pitted in the diabase and no mineralization was noted in the blast rock. About 100 ft. east of the pit was an old shaft which had been shored up with timbers. It was a large opening so the author did not get close to the edge. There was a lot of moss on the blast rock from the pit and it was not easily accessible to examine. This coming spring the author will return to the spot for further examination. The traverse proceed south to the highway and finished at 1:30 pm

November 16- Traverse started at 11:00 am at 521213E, 5277766N in clear cut . Traveled east, south of claim line and numerous Nipissing diabase dykes were encountered.

Sulphides were found in volcanics at 521104E, 5277752N.

The traverse continued to the east boundary and then south 30 m. An east /west traverse was conducted across the clear cut ending at the treed area near the pond.

See map C

Assay Results

Mor1 - quartz calcite vein with bornite - 30 ppb Au
2.351 % Cu -

Mor 2- quartz carbonate vein with bornite – 120 ppb Au
6.590 % Cu -

Recommendations

Due to the age of the pits and trenches, mechanized equipment as well as handgrubbing is recommended to further examine pits and trenches which have high grade copper, and possibly high grade silver veins as found underground. The carbonate veining may indicate that gold values of significance may occur within these trenches as well.

Sources of historic information: A report on the Morrison Mine, Consolidated Morrison Explorations Limited, Nicol Township, Gowganda area, ONT. / L. Cunningham 1980



Established 1928

Swastika Laboratories Ltd

Assaying - Consulting - Representation

Page 1 of 1

Assay Certificate

Certificate Number: 20-3051 rev 1

Company: **Sherry Swain**

Project:

Report Date: 08-Oct-20

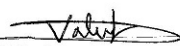
Attn: **Sherry Swain**

We hereby certify the following Assay of 2 rock/grab samples submitted 02-Oct-20 by Sherry Swain

Sample Number	Au	Cu
	FA-MP ppb	AR-AAS %
Blank Value	20	
OXG141	900	
MOR1	30	2.351
MOR2	120	6.590

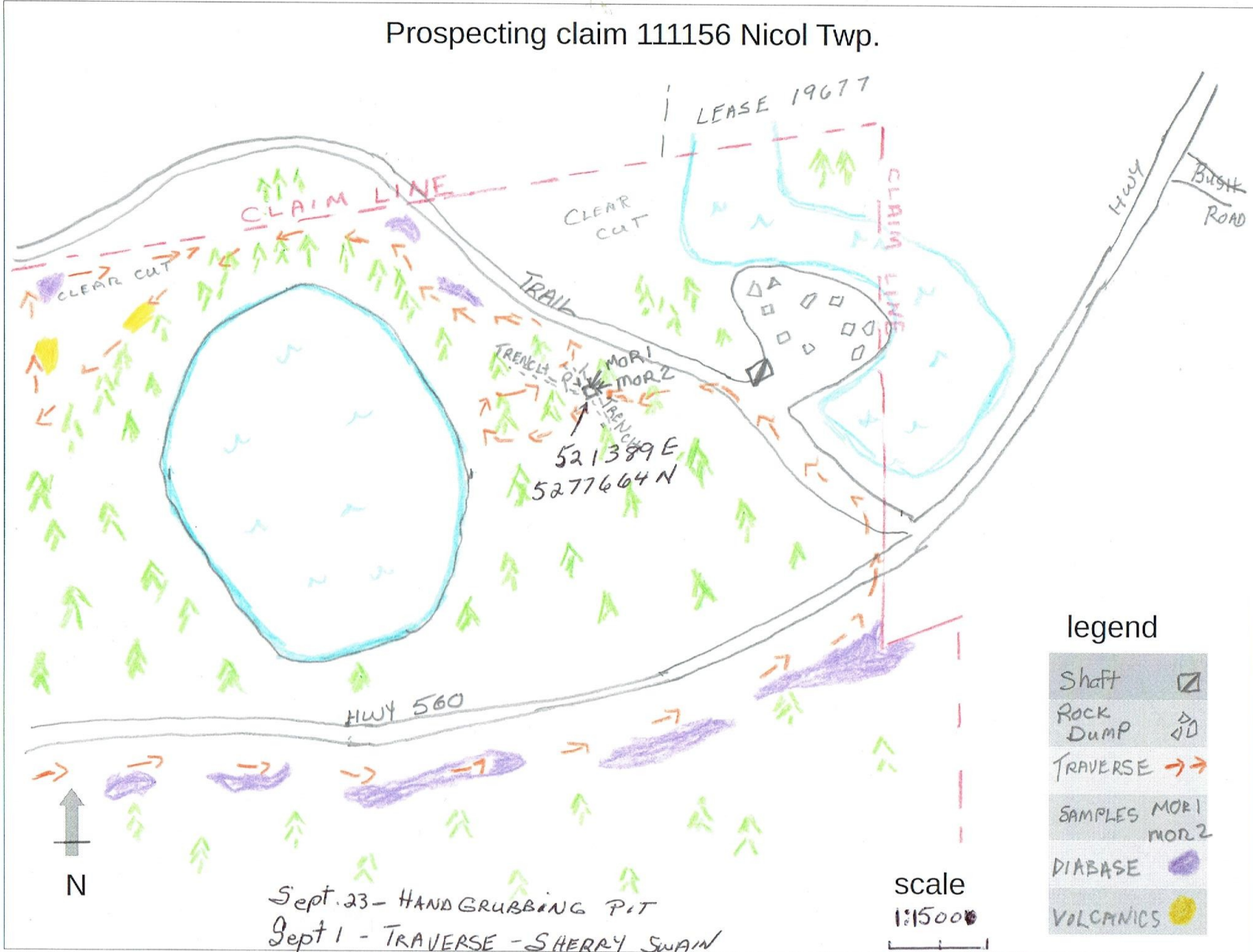
Cu results released on October 08 2020. A new amended certificate was re-issued.

Certified by


Valid Abu Ammar

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 Fax (705) 642-3300

Prospecting claim 111156 Nicol Twp.



MAPA

9

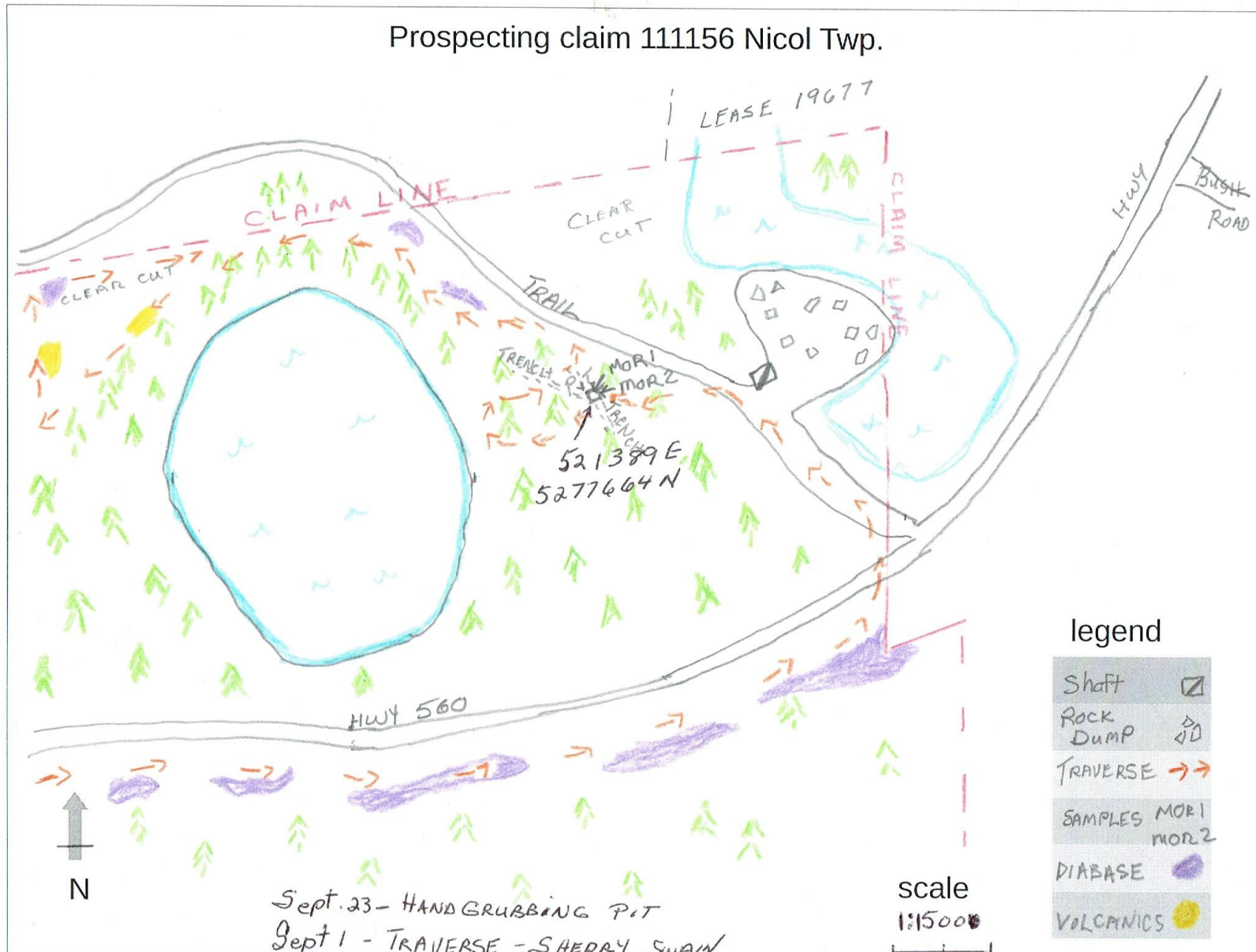
legend

Shaft	☐
Rock Dump	⬢
TRAVERSE	→→
SAMPLES MOR1	▲
MOR2	◻
DIABASE	■
VOLCANICS	●

scale
1:15000
0 15 30m

Sept. 23 - HAND GRUBBING PIT
Sept 1 - TRAVERSE - SHERRY SWAIN
2020

Prospecting claim 111156 Nicol Twp.



Sept. 23 - HANDGRUBBING PIT
 Sept 1 - TRAVERSE - SHERRY SWAIN
 2020

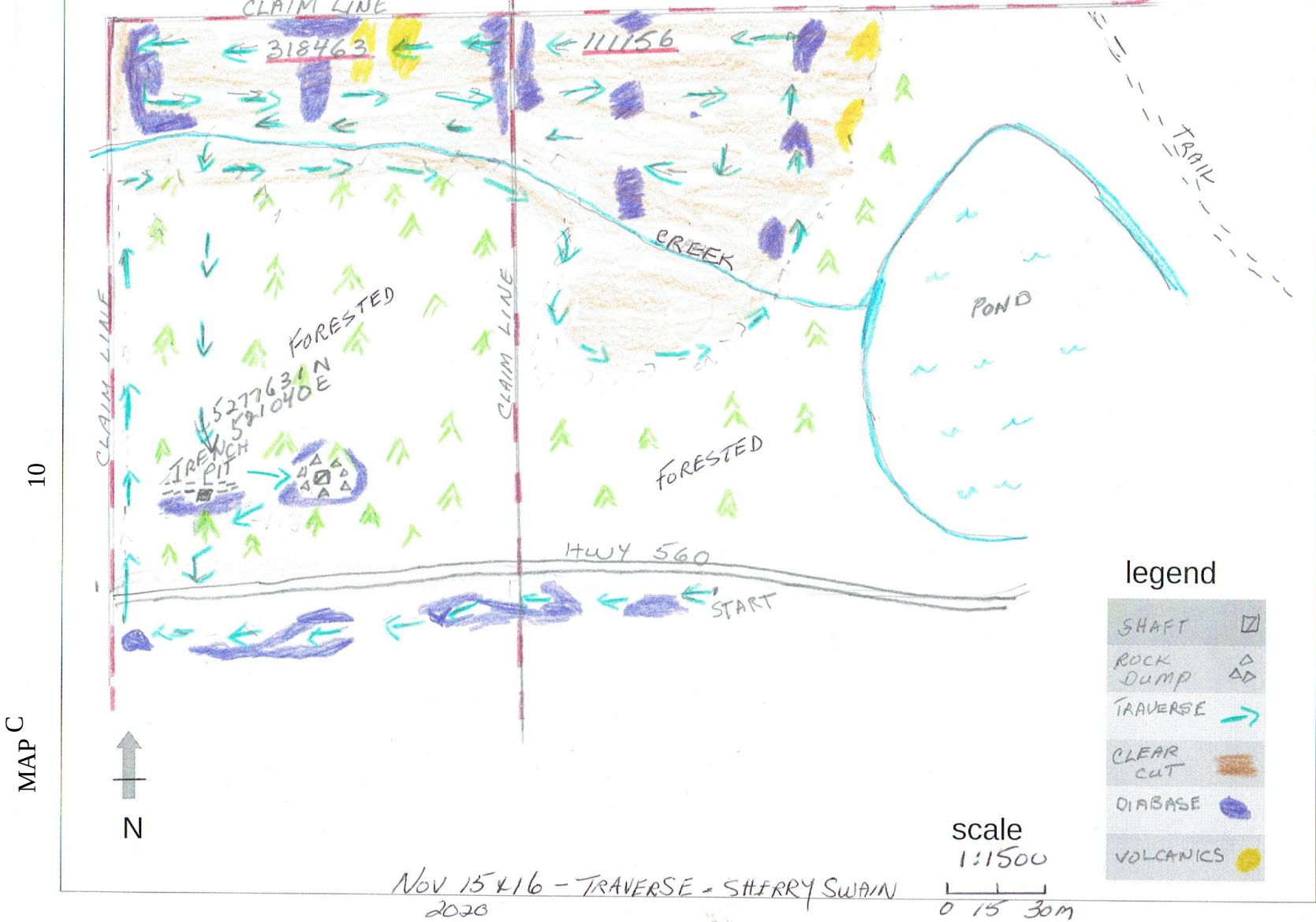
scale
 1:15000
 0 15 30m

legend

Shaft	☐
Rock Dump	⊕
TRAVERSE	→→
SAMPLES MOR1	▲
MOR2	◻
DIABASE	●
VOLCANICS	●

Map B
 11

Prospecting claim 111156 Nicol Twp. + 318463



MAP C

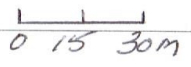
10



legend

SHAFT	□
ROCK DUMP	△
TRAVERSE	→
CLEAR CUT	■
DIABASE	●
VOLCANICS	●

scale
1:1500



Nov 15 & 16 - TRAVERSE - SHERRY SWAIN
2020





23 09 2020



Bornite from Pit



Copper vein

