

2.55564

PEARL RED GRANITE PROJECT

CLAIM # 4274532

PROSPECTOR: GERALD BLAKELY LICENCE E34580

DEC. 17 2014

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1a) Project Purpose and Goal Claim # 4274532

The purpose of this project is to determine if the red granite is massive enough to quarry for dimensional stone, starting with more prospecting and some initial mechanical stripping. If this initial exploration has good showing results, it would warrant a more extensive exploration of stripping and core drilling.

1b) Previous History - (past work on claim)

The area was never previously staked for dimension stone and no drill records or ASTM testing, have been recorded at the MNDM Thunder Bay. I have described in detail the Geology and History of the Pearl area on page 8 of this report (Geology and History). Please view!

1c) Reason/Rationale

There is a good market demand for dimensional stone; several stone buyers have made inquiries recently, especially regarding red sandstone and red granite. If the site ultimately becomes a quarry we have calculated from cost estimates and market sales pricing, that this would be a very profitable venture.

1d) Proposed Work - (this phase)

The proposed work involves prospecting and initial mechanical stripping to find and expose bedrock to help determine how massive the stone is as well as , jointing and bedding distances, consistency in the colour, texture, pattern, quantity and quality. If all of these initial results are positive, it would warrant a more extensive stripping and core drilling project, to further prove the site for a dimension stone quarry.

Previous Work Claim # 4274532

Prospecting in this area dates back to the early 1860's, for silver, copper, lead and zinc. During that time there was discoveries of amethyst and several claims in the area were brought to lease later in the 1930's.

There is no previous recorded extraction on this claim however I did come across some early manually exposed veins of sphalerite, galena and pyrite on the very northeast corner of the claim along the hydro line and a minor showing of amethyst as well.

When I was prospecting in the area, a couple of years ago for amethyst and red sandstone, I came across some massive red granite, some on this property and I then made an inquiry with the surface landowner, about staking on his property. He then offered to sell it to me, at a very reasonable price, if the stone might be of value to me, which led me to purchasing the property.

To my knowledge and with inquiries to the MNDM the property had been previously staked several times, with no mining activity however apparently the property has been logged out several times in the past. Most of the property today is cut over second growth, I'm guessing around thirty years old.

Property Access and Location Description Claim # 4274532

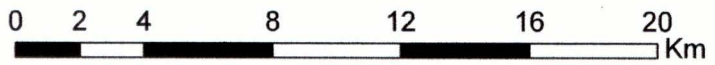
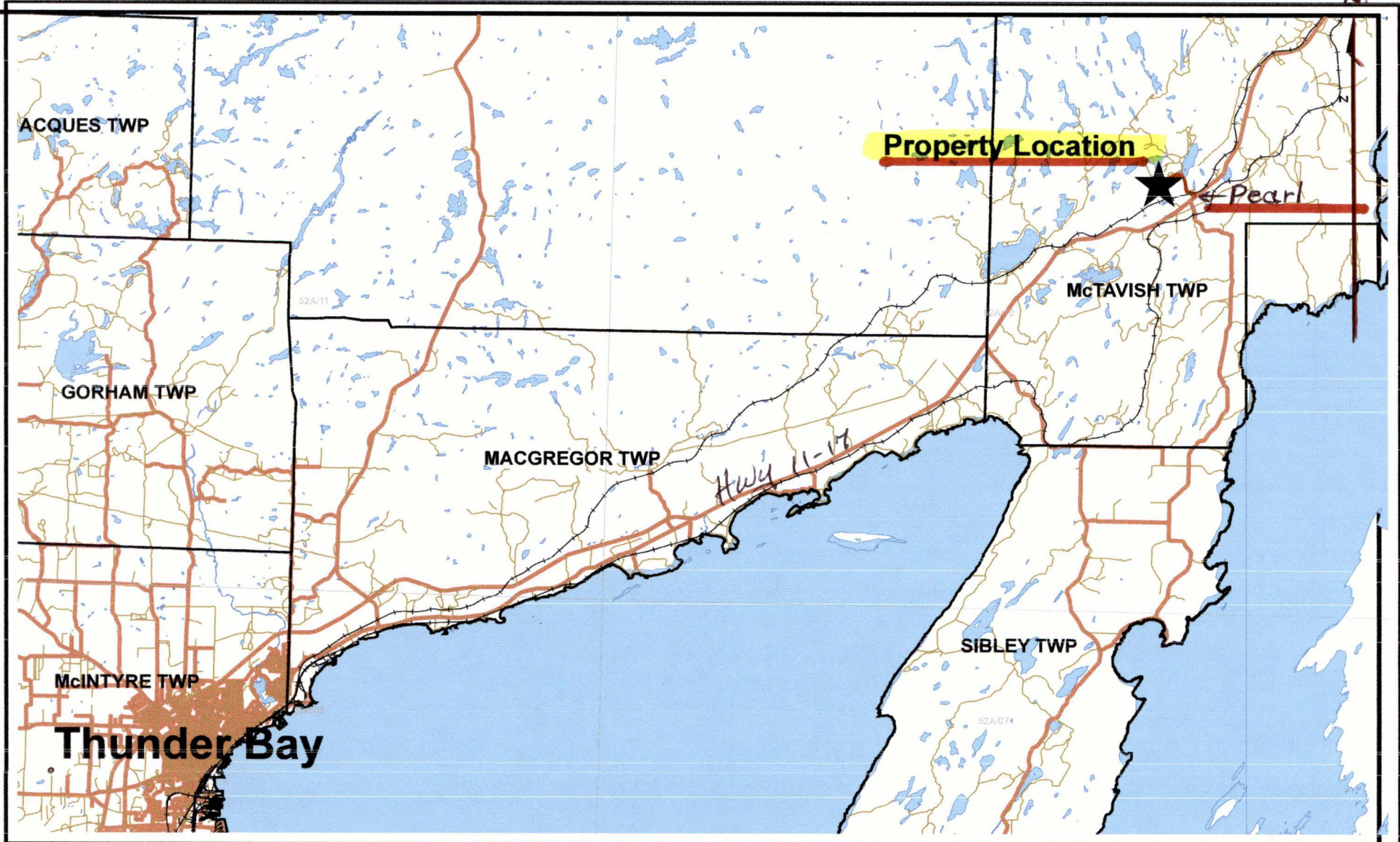
My Pearl Red Granite Project is located approx. 2.3 kms, driving distance northwest, from highway 11-17 turn off, at Pearl #5 North Road, GPS location 377719e5391315n. From this turn off, travel north on paved Municipality Pearl #5 North Road for approx. 250 meters crossing the CPR Railway and proceed approx. another 50 meters to the gravelled Mining Access Road on your left ; west, GPS location 377600e5391590n.

At this junction there are several mining signs ie. Blue Points Amethyst Mine, Bill's Old Amethyst Mine etc. Drive basically north on this main road and approx. 1 km you will cross under a hydro line near the southwest shoreline of Big Pearl Lake, proceed approx. another 400m, coming to a junction where another main road turns off to your left, west up a hill, GPS location 377200e5392546n.

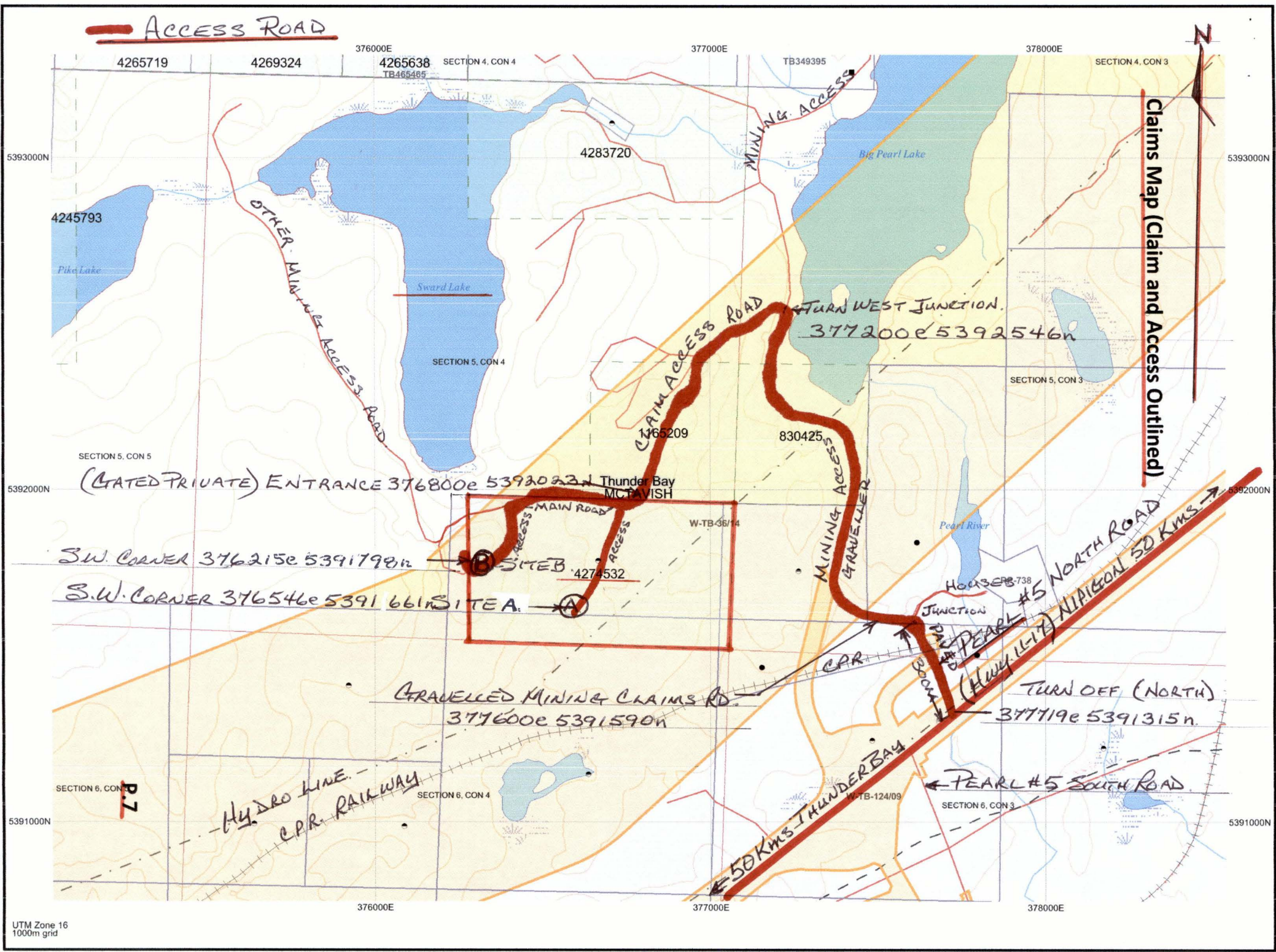
You are now on my claim access road, continue approx. ½ km to the gate at the entrance of my claim, GPS 376800e5392023n. Once you pass through the gate in my claim, travel approx. 100 meters and you will come to an access trail junction on your left, south. Travel approx. 400 meters on this access trail to Stripped Site A, GPS location 376546e5391661n.

To access Stripped Site B you continue on my main access road, from this same junction, for approx. another 300 meters and there is a noticeable access trail GPS location 376394e5391950n on your left, south, go up the hill southwest, approx. 250 meters to Site B at location 376215e5391798n.

See next pages: Regional Property Location Map Page 6 and Property Access and Location Map page 7.



ACCESS ROAD



Claims Map (Claim and Access Outlined)



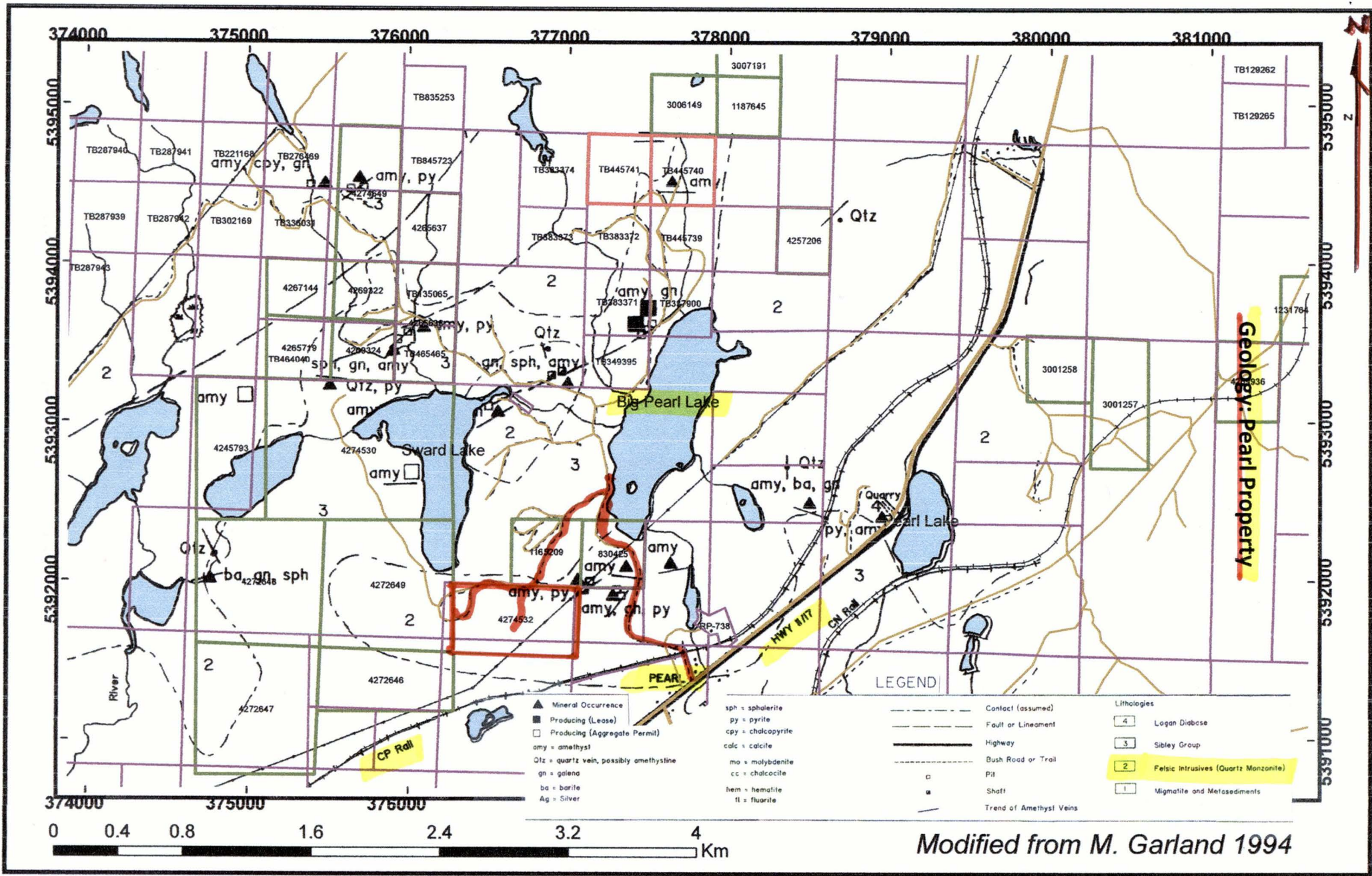
Geology & History Pearl Property Project

In 1971, McIlwaine mapped McTavish Township. Garland completed a study in 1994, describing the geology and compiling data of already known amethyst occurrences in the Thunder Bay area. Garland reports the following authors for further reference;

"Regional geology and structure of the Southern Province has been described by Card et al. (1972); Sims et al. (1981); and Wallace (1981). Detailed geology and mineral occurrences for specific regions within the Proterozoic of Lake Superior have been described by: Tanton (1931); Franklin (1970, 1978); Franklin and Mitchell (1977); Franklin et al. (1980); Franklin et al. (1986); McIlwaine (1971, 1972). A good summary of the regional geology is presented in the Geology of Ontario, volume 1, by Sutcliffe (1991)."

The Pearl Property Project property is underlain by Archean quartz monzonite rocks of the Quetico subprovince (#2) and Proterozoic rocks of the Sibley group (#3). A northeast trending fault mineralized with amethyst (+/-sphalerite, +/-galena, +/-pyrite) trends through the northeast corner of the property as shown on the map next page (Garland, 1994).

Prospecting for amethyst in the Thunder Bay area dates back to the early 1860's. The Thunder Bay Amethyst Mine Panorama, located approximately 3 km to the northwest of the Pearl Property Project (claim 4274532), was discovered in 1935. The discovery led to increased interest for amethyst in McTavish Township (Garland, 1994). Currently there are four deposits in McTavish Township that see small scale extraction of amethyst (Puumala et al, 2013). I am also prospecting for quarryable dimensional stone in a central to western portion of the property in the Felsic Intrusives (Quartz Monzonite).



Daily Prospecting Diary

Tues. July 15 2014. Verne Smith and I left Nipigon this morning at 8:00 am. sharp to start our prospecting on my Pearl Red Granite Project, in McTavish Twp. We arrived and got started with our quads by 9:00 am. We will use the quads to travel the hydro line and bring back our grab samples. We started off from the main access road that we drove in from the highway just past the hydro line GPS 376394e5391950n; where there is an old hydro access road. We came across some massive red granite two years ago when we were prospecting the region for Red Sandstone, in the Sibley Group. We hope to find and identify massive red granite suitable for a dimensional stone quarry. We intend to carefully prospect the claim in detail and determine where there is exposed bedrock on vertical faces and horizontal showings to help us in prospecting and acquire some grab samples and also identify where we should start with some initial mechanical stripping if warranted.

Today we are going to start on the NE corner of the claim, where the hydro line crosses through the claim near CP #1 post and follow along the hydro line, that runs SW, exiting the claim midway near the 400 meter line post between CP #2 and CP #3. When the hydro line was constructed they exposed the bedrock, making it easy to see and they had blasted a few locations where the hydro poles are mounted in the bedrock. We spent a full day along the hydro line and off the hydro line to the south, all along exposed granite bedrock from GPS 376956e5391807n to 376915e5391693n. To the north of the line there is two more exposures we looked at 376944e5391873n and at a location where the red granite crosses the hydro line at 376711e5391661n to 376546e53911661n. At this last location the bedrock here would be our best choice for more exploration with initial stripping, we picked up a grab sample from here as well as one along the hydro line at GPS 376944e5391873n. We finished our day at 7:00 pm. and loaded our quads on my pickup and trailer and arrived back in Nipigon at 8:00 pm. 12 man hours each today.

Wed. July 16 2014. Today we left Nipigon at 8:00 am. today we are going to prospect the red granite in the west half of the claim. We dropped one quad off, for a return vehicle at a trail junction GPS 376394e5391950n on my claim road and started from the same location as yesterday on the hydro line, we rode on one quad to the allocation where the hydro line exits the claim and where our line post between CP #2 and CP #3 is located and at this location a fibre optic line runs on our claim line from the line post to CP #3. We parked our quad here and walked in along the fibre optic line arriving at an 300M elevated bare bedrock location near our CP #3 at GPS 376275e5391633n, from here you can view Black Bay on Lake Superior to the south. There is barren exposed bedrock in this location with very thin moss and humus overburden with grasses, blueberry bushes and sporadic stunted jackpine trees. The bedrock here is layered 0.25 m to 1.0 m that we can see on the surface and the fracturing isn't too bad, 1.0 m to 3.0 m. We transversed along this 300 m elevation northward, for 200 m, arriving at a drop off to the north, with a very picturesque view of Sword Lake. At this location we are actually only 100 m to our main claim access road that runs west through the property, where we left our quad off this morning. This area has potential stone as well and we will strip this area as Site B. We spent a few more hours down to the south shore of Sword Lake to our claim post CP #1 at GPS 376229e5391986n. Along the bottom of the last elevation drop off 290 m to 280 m we came across some old overgrown overburden, excavations with showings of galena, sphalerite and pyrite which was in a thin vein running east west GPS 376228e5391940n. From here we headed back to our dropped quad to pick up our other quad and load up. Site A and Site B were the only two locations that may have massive granite with large enough fracture and bedding distances to warrant some further mechanical stripping. We arrived back in Nipigon at 8:00 pm. and we will strip these two sites, accessing them from my claim access road, starting tomorrow. 12 MAN HOURS EACH TO-DAY.

AS

Daily Stripping Diary

Thurs. July 17 2014. Verne Smith and I left Nipigon today at 7:00 am. to start our stripping project on Site A in Pearl for red granite. We first had to drive to Tim Watson's house in Pass Lake to pick up his 730 Cat rubber tired loader and from there I drove it on Pearl #5 Road to Site A; Verne followed behind me in my pickup. My 230 Timberjack skidder, that we are also going to use will also have to be picked up at my amethyst lease claims site, 4 kms travel distance by road from Site A. The loader took us 2 ½ hrs. to MOB and the skidder took us 1 ½ hrs. We started work at 12:00 pm. on Site A. Verne went ahead using a power saw to cut leaning blow down trees and any larger trees along an old grown in logging road that runs from just past the gate in my property GPS 376720e5391949n south for about 400 meters to Site A at 376546e5391161n. It took us all day to open up an access trail to the site and I managed to strip a site 15 m X 50 m. The bedrock is a red to pink medium grain granite with surface jointing is 1 m to 3 m in distance and the bedding or layering is 0.5 to 1.5 m, This stone may have potential to be quarryable but we would have to expose a much larger area and do some initial core drilling to further prove it. We moved the machines back out to the main claims road, fueled up and returned to Nipigon at 7:00 pm. Total of 13 man hours each today.

Fri. July 18 2014. Verne and I left Nipigon today at 8:00 am. to strip Site B. We arrived at the work site at 8:45 am. and we walked the machines 350 m west further down on the claim road to another completely grown in old logging road (trail) on our left GPS 377200e5392546n up an incline. I helped Verne cut and skid thick second growth 30 yr old poplar and birch from the turn off almost to the Site B Location. I cut and he skidded, I left a few of the stumps high and used the loader to remove them from our main trail. We managed to complete our access and strip Site B 15 m X 50 m. as well. We are restricted to our stripping area because the fairly flat area quickly drops off on both sides and I didn't want to get in trouble near the drop offs with the loader. The red to pink medium grain granite here may also be quarryable and this warrants us to core drill to further prove the site. We finished the stripping at 3:00 pm. and returned the skidder back to the amethyst claim and the loader back to Pass Lake; both machines fuelled. We arrived back in Nipigon at 8:00 pm. Total of 12 man hours each today.

MAPSOURCE CLAIM MAP



376229e5391986n CP#4

376634e5391973n LP

377039e5391959n CP#1

376228e5391940n

376394e5391950n

376720e5391949n

376944e5391873n

376300e5391840n

CLAIM # TB. 4274532

283

376215e5391798n

376318e5391770n

Wooded Area

376956e5391807n

292

376262e5391740n

376376e5391691n

Hydro Line

376915e5391693n

376546e5391661n

STRIPPED SITE A

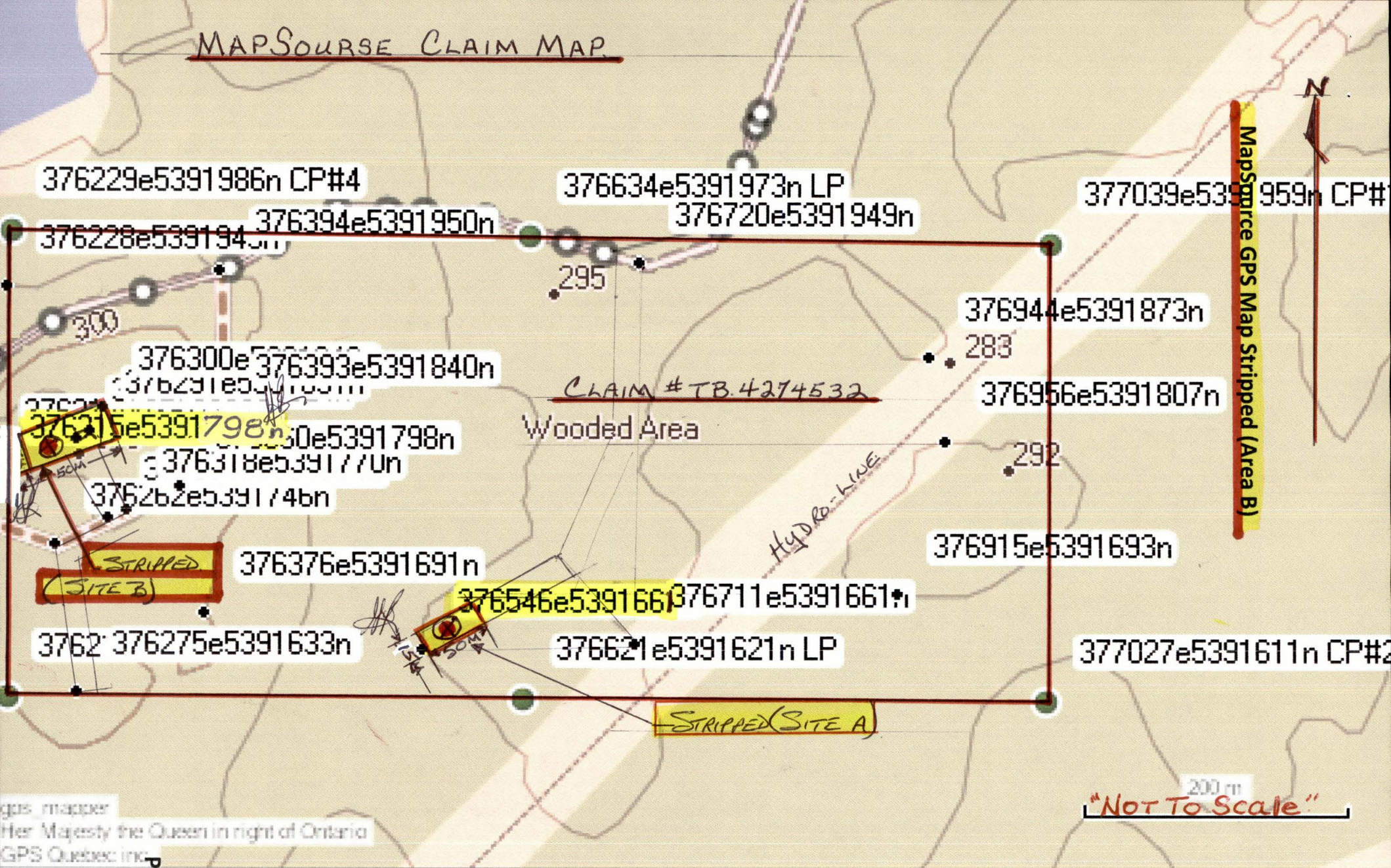
376275e5391633n

376621e5391621n LP

377027e5391611n CP#2

200 m
"NOT TO SCALE"

MAPSOURCE CLAIM MAP

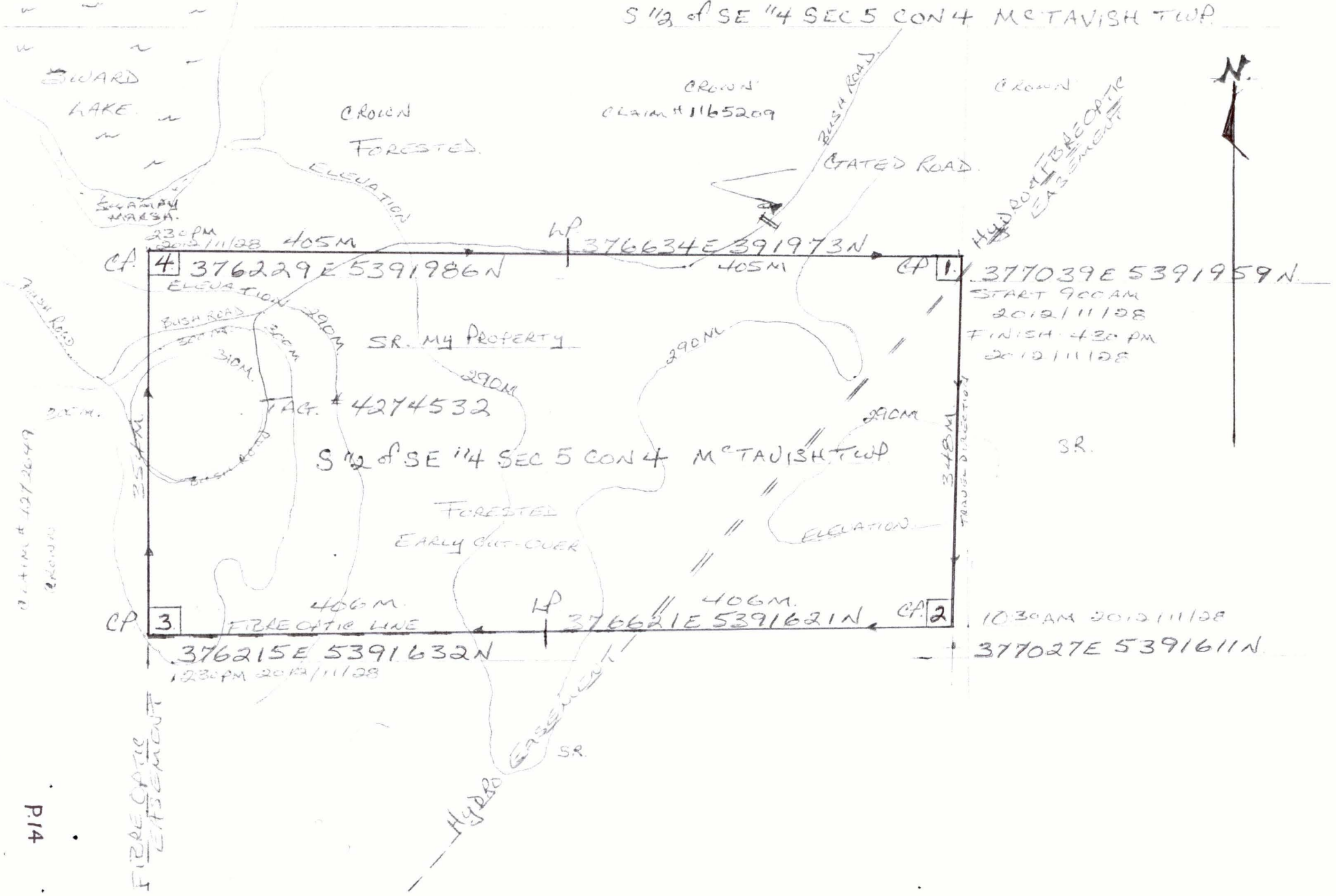


Scale: 1:5000 2cm = 100M MAG. DEC. 0° USED GPS NAD 83 Z 16U.

P14

M^cTAVISH TWP. DIST. THUNDER BAY CO 0675

S 1/2 of SE 1/4 SEC 5 CON 4 M^cTAVISH TWP.



CP 4 376229E 5391986N 405M
 ELEVATION 230M 2012/11/08 405M
 SR. MY PROPERTY
 TAG. # 4274532
 S 1/2 of SE 1/4 SEC 5 CON 4 M^cTAVISH TWP
 FORESTED
 EARLY OUT-CUER
 406M
 FIBROPTIC LINE
 CP 3 376215E 5391632N 406M
 1230PM 2012/11/08

CP 1 377039E 5391959N
 START 900AM
 2012/11/08
 FINISH 430PM
 2012/11/08

CP 2 377027E 5391611N
 1030AM 2012/11/08

P14

Scale 1:500 1cm=5m. 2mm=1m. STRIPPED SITE A CLAIM# 4274532



- SITE A STRIPPED AREA.



THICK SILT CLAY OVERBURDEN
(2M+) TESTED OVERBURDEN W/ EXCAVATOR
FOREST SECOND GROWTH 30 YRS EST.
POPLAR & POPLAR SAPLINGS.

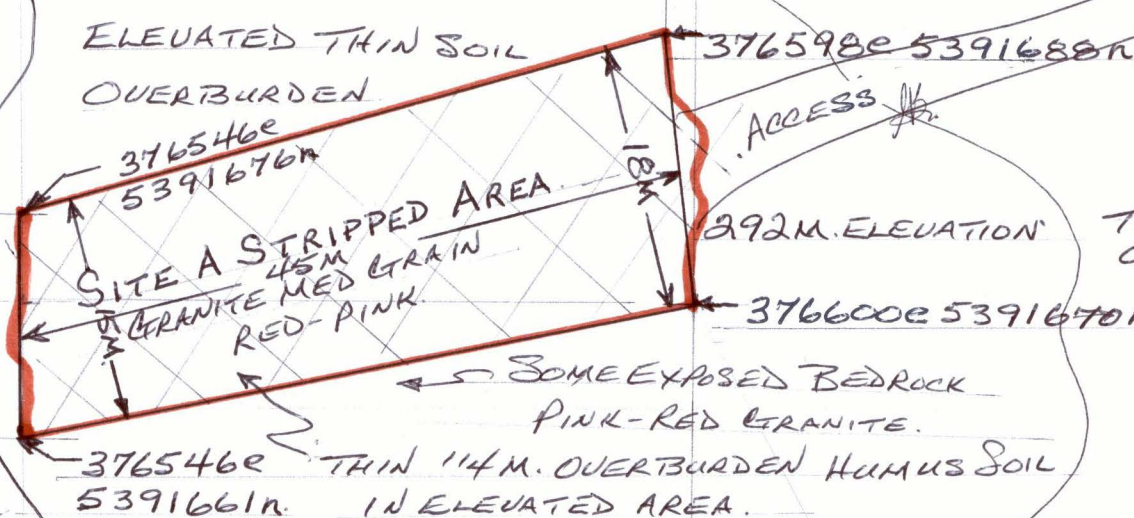


FOREST

MIXED
SPRUCE
AND
POPLAR.
NOT CUTOVER.
OLDER GROWTH.

← DROP OFF

ELEVATED THIN SOIL
OVERBURDEN



ACCESS



THICK OVERBURDEN



SOME EXPOSED BEDROCK
PINK-RED GRANITE.

THIN 114M. OVERBURDEN HUMUS SOIL
IN ELEVATED AREA.

EARLY CUTOVER.
POPLAR THICK REFORESTED.

← DROP OFF

290M ELEVATION

SOUTH-CLAIM LINE

← 400M WEST TO CP#3

CLAIM LINE POST

376621E
5391621N

P.16

P.16

STRIPPED (SITE A)



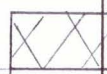
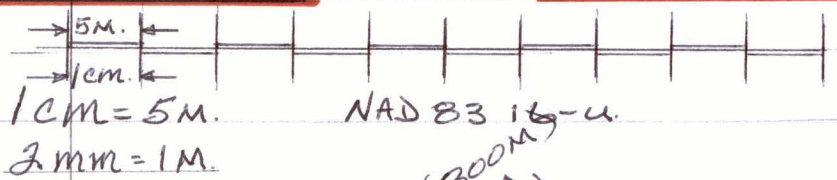
Scale 1:500

STRIPPING SITE B

CLAIM TB. 427453A TH. BAY DIV. 40

M^cTAUISH TWP. (C40675)

S 1/2 of SE 1/4 SEC. 5, CON 4



- SITE B: STRIPPED.

310 ELEVATION DROP OFF.

SOME OPEN BARREN EXPOSED BEDROCK. 2 UNITS.

376300e.5391849n.

(313M) BARREN.

58M

SITE B STRIPPED AREA
GRANITE-PINK-RED
MED GRAINED

BARREN
BLUEBERRY BUSHES

376291e.5391831n.

ACCESS
TREES REMOVED
ROUGHED IN.

FORESTED
SPARSE
JACKPINE &
SPRUKE

376212e.5391812n.

15M

376215e.5391798n.

FORESTED OLD CUT OVER.

310 ELEVATION

15M

STEEP
INCLINE.

OLD GROWN IN
LOGGING ROAD.

WEST CLAIM LINE

173 M TO COR #1

FORESTED
DROPOFF

FORESTED

DROPOFF

DROPOFF

POPLAR SAPLINGS & ALDERS
SHALLOW TOP SOIL (1/2 to 1M DEEP)
PATCHY OPEN EXPOSED BEDROCK.
(300 ELEVATION)

SPARSE VEGETATION.
BARREN LOGGING OPEN AREA
POPLAR SAPLINGS
HAZEL BUSHES.

P17

STRIPPED SITE B

P.18



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Mining Claim Abstract

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THUNDER BAY - Division 40		Claim No: TB 4274532		Status: ACTIVE	
Due Date:	2014-Dec-27	Recorded:	2012-Dec-27		
Work Required:	\$ 800	Staked:	2012-Nov-28 16:30		
Total Work:	\$ 0	Township/Area:	MCTAVISH (G-0675)		
Total Reserve:	\$ 0	Lot Description:	S1/2 OF SE 1/4 Sec 5, CON 4		
Present Work Assignment:	\$ 0	Claim Units:	2		
Claim Bank:	\$ 0				

Claim Holders

Recorded Holder(s) Percentage	Client Number
BLAKELY, GERALD ANTOINE (100.00 %)	300399

Transaction Listing

Type	Date	Applied	Description	Performed Number
STAKER	2012-Dec-27		RECORDED BY BLAKELY, GERALD ANTOINE (E34580)	R1240.03772
OTHER	2014-Oct-07		EXPLORATION PERMIT NO. PR13-10112 EFFECTIVE FROM 2013-APR-24 TO 2016-APR-23 FOR THE FOLLOWING ACTIVITIES: (PHYSICAL / PTRNCH, PHYSICAL / PSTRIP, DRILLING / PDRILL)	J1440.00227

Claim Reservations

- 01 400' surface rights reservation around all lakes and rivers
- 02 Sand and gravel reserved
- 03 Peat reserved

Contact information

Verne Smith
51745 warbler Dr.
Bemidji, MN 56601

ph: (218) 766-5123
email: bgeltech@gmail.com

Signed

A handwritten signature in black ink, appearing to read "Verne Smith", written over a horizontal line. The signature is stylized and extends to the right.