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2016 Trenching and Mapping Program
Alpine Silver Mine Project
Van Hise Township
Gowganda Ontario

Prepared By: Michael Nemcsok
25 Nov 2016

Prepared for: Michael Nemcsok
4040 Rogers Rd. Site 3 Box 0
Tarzwell ON P0K 1V0
(holder of claim 4202023)

Table of Contents

Introduction

My most recent exploration in southwestern Van Hise Township investigates the extension of known silver bearing aplite dikes on claim number 4202023, about 1.5km northwest of Firth Lake. This claim is a 4 unit claim covering most of the former Thompson-Gowganda or Alpine Silver Mine occurrence. The scope of this program was to explore the area northeast of the legacy open cut mine workings in hopes of finding a continuation of the mineralized dike. The work took place between 11 and 28 November 2016 and was completed by me, Michael Nemcsok with some help from Alexis Morin of Boston Creek area. A trench was excavated perpendicular to the strike of the dikes, centered on an area where a ridge in the overburden suggested bedrock might be found.

Property Location, Access and Description

The claim block explored in this project is located northwest of Firth Lake on the west side of Silverfive Creek in the north half of the southwest quadrant of Van Hise Township.

Access is gained by way of a drivable seasonal gravel road north from Highway 560, 12km west of Gowganda. The gravel road ends 300m from the east boundary of the claim block. Intermittent flooding of the road at Silverfive creek sometimes necessitates circumnavigation of a beaver pond by way of a beaver dam crossing about 120m north of the main access trail. A trail to the dam has been blazed on each side of the creek.

The claim block is a square measuring roughly 800m on each of its four sides. Vegetation on the claim is mixed deciduous (Birch) and coniferous (Spruce, Pine). Significant windfall was observed on the crest of the ridge in the vicinity of the current work program, and much large timber has been wasted to overturned trees. Relief is very pronounced with a large north-south ridge of diabase rising about 170ft above the eastern third of the claim which is low and swampy. Outcrop is common, and soils range from peat and soil to boulder clay. The trenching in this program revealed presence of clean sand with occasional boulders on the east flank of the diabase ridge.

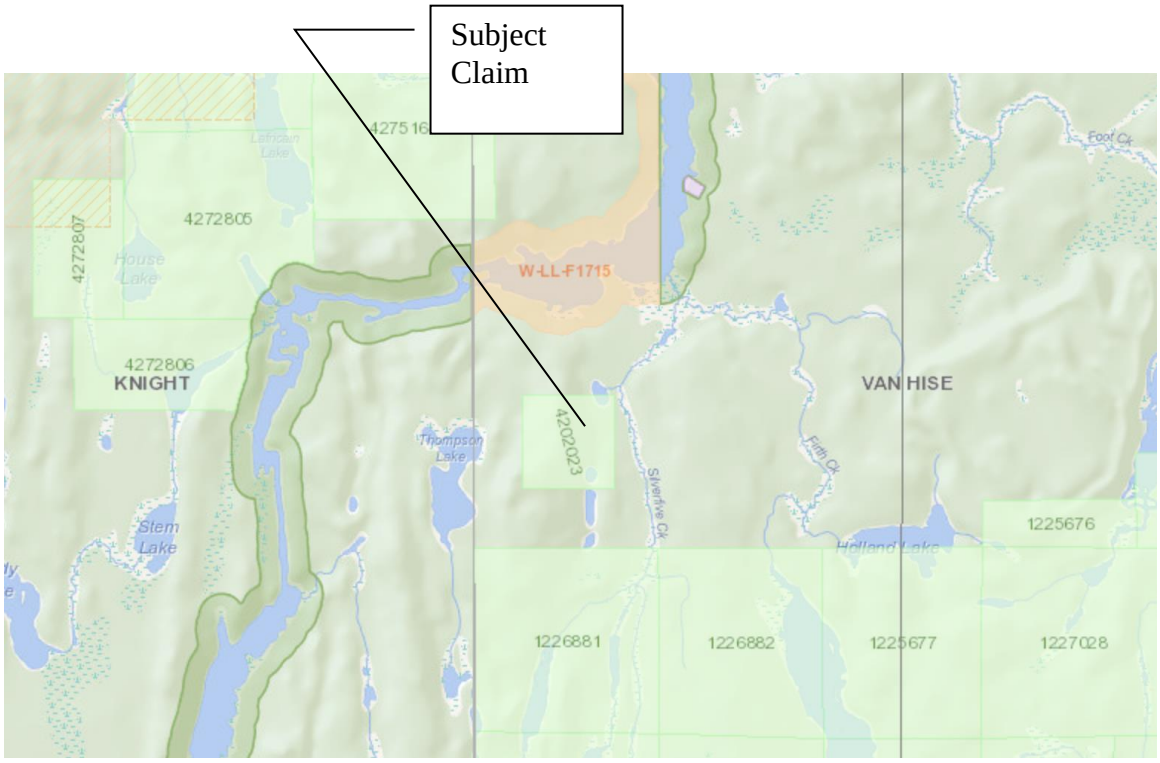


Figure 1: Claim Location Key Map

Description of Previous Work

The underlying claims were originally staked by E.J. Thompson, then acquired by Alpine Silver Mines Limited in 1920:

> "Development work for the next two years consisted of about 300m of trenching, sinking two shallow shafts, and driving an adit. The adit was driven west into a diabase ridge for 176m to intersect an aplite dike at a depth of 51m; the dike was drifted along for 24m (Burrows, 1921, P.41). The Locations of the shafts is not known, but they are reported to be 9m and 15m deep (Burrows, 1921, P.41).
>
> The Property then became dormant until 1951 when it was acquired by Holwood Mines Limited; some effort was made by this company to bring the property into production. A 50 tons per day mill was erected, and seven diamond drill holes totaling 370m were put down. There was no recorded production, and no further work was reported after 1953.
>
> Jaylac Mines Limited took an option on the property in 1960. They cleaned out old trenches and did further surface work.
> No further recorded work has been done on the property since then."

-taken from P. 57 of OGS Report 175 'Geology of the Gowganda-Miller Lake Silver Area', WH McIlwaine. 1978

I, Michael Nemcsok completed an exploration project of line cutting, mapping, cleaning of trenches and sampling in 2006 and 2007. A report on that work has been submitted to the Ontario Ministry of Northern Development and Mines and is entitled "Alpine Silver Mine Project and dated 3 Nov 2007 on its cover page.

I also completed a channel sampling program on the subject claim and submitted a corresponding report entitled "2010 Channel Sampling Project" in November 2010.

More recently, I have sampled the contacts of the aplite dike and examined sawn pieces to characterize the mineralization at the contacts.

Approach

The scope of this program was to explore the claim for continuity of the aplite dikes to the north of the main workings.

The approach undertaken was to project the strike of the aplite dikes (the target host mineral on this property) northwards and trench crosswise to the strike to uncover the continuation of the dikes. A blazed line was made from the picket line of my past work in 2011 in order to facilitate mapping. Hand trenching was done to expose outcrop and samples of the outcrop were examined for composition.

The field work was completed in 1 day.

Summary of Work

The work conducted in this project focused on exploring for a northern extension of the known aplite dikes. Knowing the extent of the mineralization beyond the historic mining production area could help prioritize future larger exploration projects. Work performed in this project included detailed exploration of the bedrock approximately 100 ft north of the open cut mining area. The work area is outlined in Drawing M1 (the map included in appendix).

Prospecting

A long trench aligned East-West and located approximately 100 ft north of the open cut mining area was discovered and selected for closer examination.

Trenching

The trench examined was partially collapsed and covered in brush and windfallen trees.

A total length of about 12m of trench was excavated through sand to depths up to 8ft. Excessive depths of overburden and groundwater inflow limited the success of the trenching campaign, but a small section of the trench was washed down to expose diabase bedrock. The diabase was fine grained and showed a contact strike or joint on strike Azimuth 16 degrees, dipping approximately 80 degrees to the west.

This trenching was done by hand.

Mapping

Mapping of the trench and its location was completed with a tape and compass and GPS.
Maps are included with this report to show

- Trench location
- Geology of the trench floor as exposed

Summary of Findings

The current exploration project did not uncover positively identify the continuation of the aplite dikes to the north (along strike) of their known locations. More exploration work will be required to succeed in this objective.

Pinkish-colored clay and angular aplite fragments in the deepest part of the trench may overly an aplite dike, but inflow of water prevented confirmation of this theory. Photo included below shows water-filled hole that contained the pink clay.

The quantity of sand perched atop this diabase ridge is quite interesting. Although easy to dig by hand, the depth of the sand forces excavation of a considerably wide trench to reach bedrock without subsidence of the trench walls.

Figure 2: Photo of trench at intersection of trenches: Looking NE. In-situ diabase can be seen to left of black pail.

Recommendations for Further Work

Further exploration of the area north of the old open cut mining area should be undertaken.

Due to the depth of the overburden, it is suggested that some form of geophysical test work be used to pinpoint targets for future trenching programs.

It might also be required to use an excavator to trench to the bedrock. With an excavator, it might work best to trench along the dikes from their currently exposed extents to their ends.

Statement of Qualifications: Michael Nemcsok

I, Michael Nemcsok graduated from Haileybury School of Mines in 2001 with a Diploma as a Mining Engineering Technician. In that course of studies I was educated in geology, mineralogy, sampling, field mapping techniques and mining exploration.

I have worked as a Mining Engineering Technician and Mining Engineer at mines and exploration sites across Canada, in Europe, Africa, Asia, Central America and South America.

I am now a 3rd year Mining engineering student at Queen's University, currently studying part time. I am studying many aspects of mineral exploration and development, and find opportunity to apply this in my prospecting work.

I have previous experience in all the types of work involved in this project, and consider myself to be duly qualified to conduct such work as has been done here on Claim #4202023 in the year 2016, as outlined in this report.

_____

Michael Nemcsok

Appendix Index (Including Maps)

Equipment, Services and Labour

Trench Mapping

References:

McIlwaine W.H.

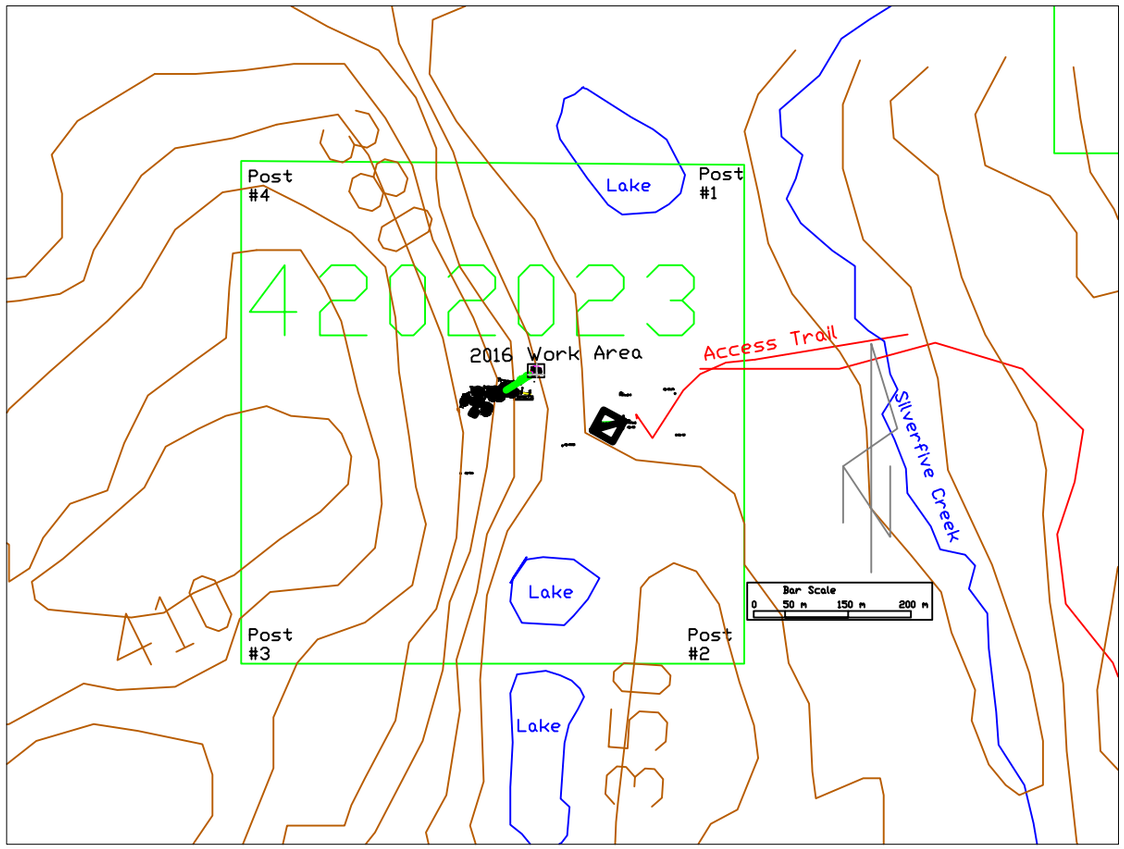
1978: Geology of the Gowganda Lake – Miller Lake Silver Area, District of Temiskaming; Ontario Geological Survey Report 175, 161p. Accompanied by Maps 2348 and 2349, Scale 1:31,680 or 1 inch to ½ mile.

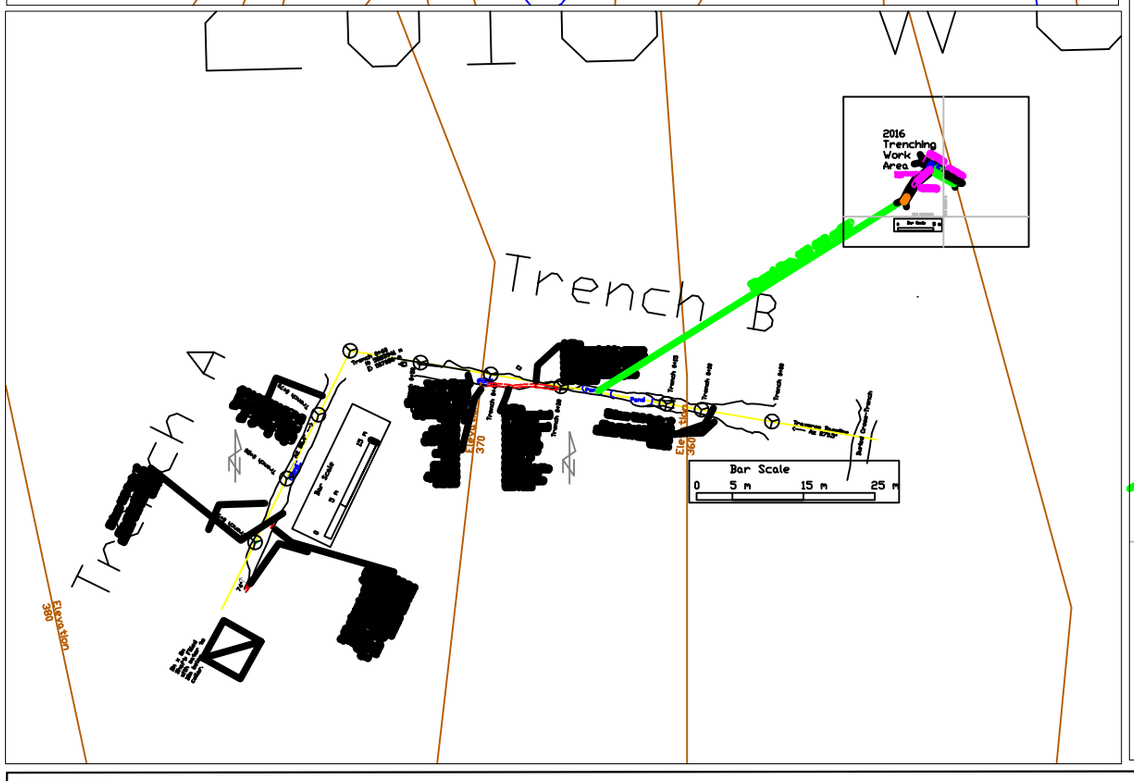
Equipment, Services, Materials and Labour Expense Summary

Cost Description	Usage		Rate		Cost	
2016-11-11 Prep work	0.25	man days	350	$/day	$ 87.50	Computer, GPS, Maps, flagging
2016-11-12 Field work - Trenching, Mapping	2	man days	350	$/day	$ 700.00	GPS, Compass, shovel, muck scoop
2016-11-12 Commute from Pacaud Twp to Alpine Silver Mine	253	km	0.53	$/km	$ 134.09	GPS, Compass, shovel, muck scoop
Report preparation	1	man day	350		$ 350.00	
			Project Total		$ 1,271.59	

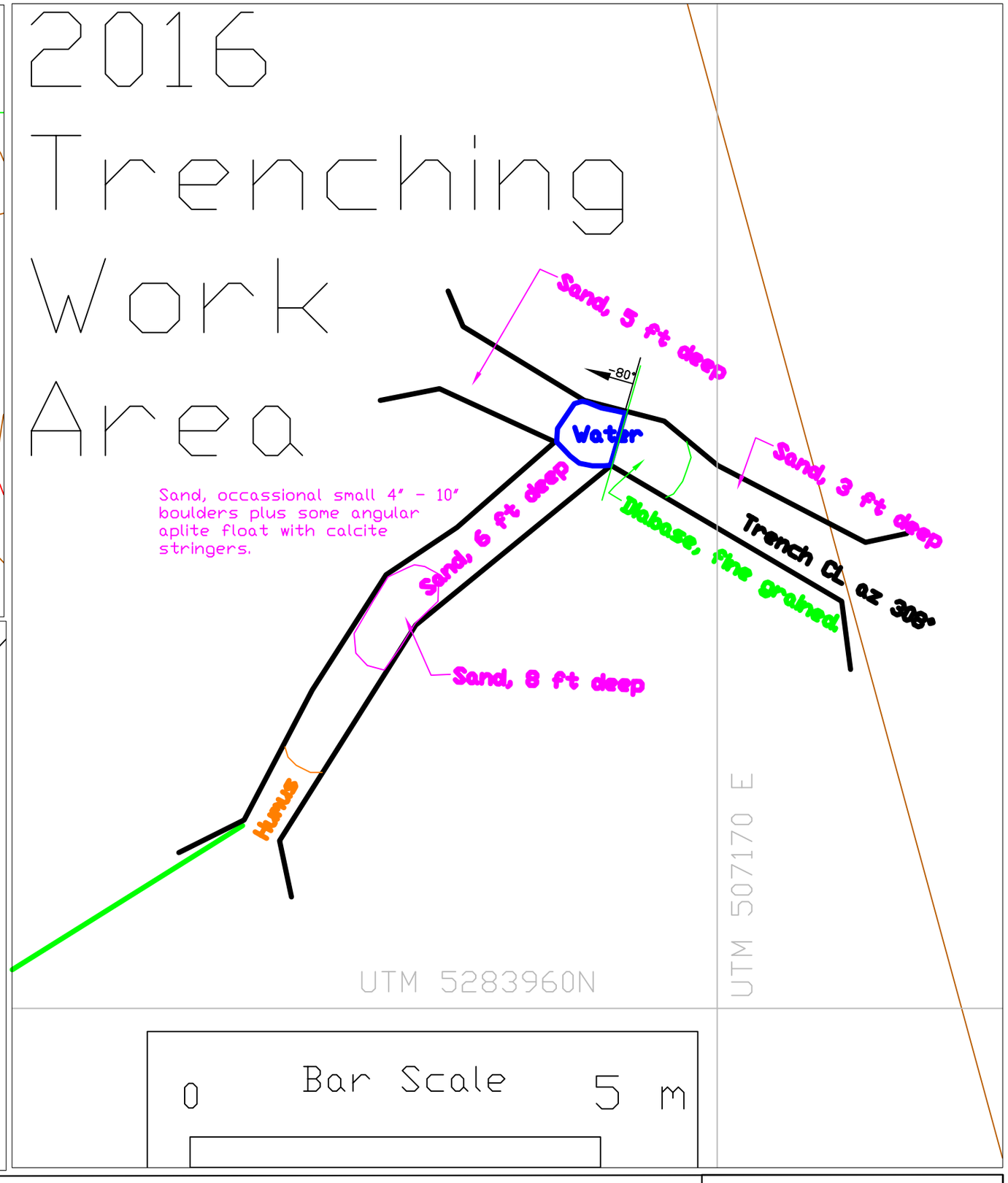
Daily Log: Activity Summary

Date	Work Performed	Work Performed (Details)	Observations / Notes	Personnel	Man - Days Worked	Equipment	Mileage Travelled to Worksite	Supplies
11-Nov-16	Prepare Equipment and Supplies	Review Staking Maps, Program GPS, gather hand trenching tools, Organize labour for hire		Michael Nem	0.25	Computer, GPS, Maps, shovels, Muck scoop	0	flagging
12-Nov-16	Pack in tools to claim, locate and excavate trench. Sketch Map and take notes.	Dug trench, mapped soils and exposed rock.	Excessive depth of overburden plus significant ground water inflow allowed only a small portion of diabase to the exposed and mapped.	Michael Nemcsok, Alexis Morin	2	GPS, Compass, shovel, muck scoop	253.2	Gasoline, mixing oil, bar oil, flagging, food, water.
27-Nov-16	Preparation & submission of Report	Submit report to MNDMF online		Michael Nem	0.25		0	
				Totals:	2.5	man days	253.2	km





2016 Trenching Work Area



Sand, occassional small 4" - 10" boulders plus some angular aplite float with calcite stringers.

= Astronomic North

= Project Work Area

Note: Elevation Contours and waterways drawn in detail only in area immediately surrounding the subject claim.

THIS DRAWING IS INCLUDED AS PART OF WORK REPORT "ALPINE SILVER MINE PROJECT" NOVEMBER 2016

Van Hise Township
Alpine Silver Mine
Claim # 4202023
Project Work Area Map Detail

Date:	26 Nov 2016	Drawn By
Scale:	As Shown	M. Nemcsok