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Work Assessment Report

Prospect Lake Property

Coldwell

Thunder Bay District

Ontario

NTS 42 D/15

Assembled by: John Florek

Date: October 03, 2017

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Summary:

A prospecting program was developed to understand the nature of the exhalative horizon to the west of the 2016 program.

The prospecting was to accomplish a single task: Look for rock samples along the western portion of the property (Claim 4240826) along the exhalative horizon, and see how the geology expresses in the vicinity.

Previous work done by the author looked at the location and geological setting of an identified exhalative unit that occurs at the boundary between sediments and mafic volcanics. This exhalative unit already demonstrated significant base metal occurrences along strike.

In addition to this prospecting, attempts were made to find historical claim geophysical lines and assign a GPS coordinate for future reference.

Introduction:

John Florek has 100% interest in the Prospect Lake Property located in Coldwell Area of the Thunder Bay District, Ontario, within the Schreiber Greenstone Belt. The Property consists of eighteen (2) claims (24 claim units). **Table 1** and **Figure 1 and 2** show the location of the group of claims.

Prospect Lake Property					
Claim Number	Number of Claim Units				
4240826	12				
4240816	12				
Table 1: Claims					

The Prospect Lake property is located 6.5 kilometres north of the TransCanada Highway, between Marathon and Terrance Bay, Ontario. The property is accessible by ATV trail, canoe, and forest trail to the southeastern area of claim 4240816. All of the claim area is very remote and most of the areas are only accessible by walking through the boreal forest.

Regional Geology

The property occurs within the Wawa Subprovince of the Superior Province. It is within the late Archean Schreiber-Hemlo greenstone belt, i.e., 2.80-2.68 Ga. It is composed of supracrustal lithotectonic assemblages of ultramafic to tholeiitic basalt ocean plateau sequences, tholeiitic to calc-alkaline volcanic arc sequences, and siliciclastic turbidites, collectively intruded by arc granitoids (Polet et.al. 1998.)

Property Geology

The property lies along the north limb of a regional antiform, which is located in the Archean Schreiber portion of the greenstone belt. Mafic and Intermediate volcanics are overlain by chert, shale, sulphide iron formation, and related sedimentary rocks. The belt consists of variably metamorphosed

metavolcanic and metasedimentary units. **Figure 4** shows the property geology; taken from Walker 1967.

Historical Work Performed

Several previous companies have worked the property and the information is contained in the assessment files located at the MNDM. Brief synopses below of work performed on these properties are contained in these reports. A lot of the reports describe more regional surveys over the general area, but the list below is confined to the claims in this report.

1981: Gulf?

1983: Coronet Resources: Aerodat Ltd airborne geophysical surveys, geological survey, geochemical survey (42D15SW0082,70).

1983: Teck Exploration: Geophysics (42D15SW0090)

1986: Lionel Martin: Linecutting, Trenching, Geochemistry, Geological Mapping, Geochemistry, Geophysics, and Diamond Drilling (42D15SW0061)

1986-1987: Eldor Resources (optioned from Cunningham): Diamond Drilling, Soil Sampling, Lithogeochemistry (42D15SW0064, 56_b, 58)

1989: Cameco / Zenmac Zinc Ltd: Diamond Drilling (42D15SW0054,56)

1990: Cunningham: Whole Rock Analysis (42D15SW0051), references Gulf work?

2005: Phoenix Matachewan Mines: Lithogeochemistry, Airborne Magnetics, VTEM (42D15SW0061, 2025, 20003043)

2006-2008: Galahad Minerals: Drilling

2012: Wayne Richards: Prospecting and bedrock sampling (20010244)

2015: John Florek: Prospecting, Mapping, Line cutting

2016: John Florek: Soil Sampling (multielement), Rock Sampling(XRF), Linecutting, Prospecting.

2017: John Florek: Prospecting Claim 4240826

Work Program

The main goal was to prospect and to assess locations of possible VMS potential associated with exhalitive rocks which trend through the claims; specifically gold-rich VMS. Claim 4240826 was the focus, due to elevated gold and historical sulphide occurrences. Also, a visual of the geology of the western portion of the claim group was required to assess the potential for targeting.

A review of the historical work was performed on the property prior to field work. Attempts were made to put pertinent historical information into a GIS format, so that precise areas could be located since all established surface grids are now somewhat overgrown.

This exhalative horizon is known to be composed of chert, iron oxide and sulphide facies iron formation, and locally intercalated graphitic schists. This horizon has significant untested strike length and is one of the most continuous and thickest exhalite horizons in the greenstone belt shown on Walker's (1953) geological map. The prospecting was done between known lithogeochemistry done by Phoenix Matachewan Mines, to hopefully identify new showings or unknown rock types. Lateral to this horizon, just off the claims is a diamond drillhole intercept that contained 8.6% Zn over 10 meters.

Many rock samples were examined, and three rock samples were collected for future analysis. These samples were also taken as specimens for visuals and understanding/promoting model development.

PLR01: A) Graphitic, Sulphide, Schist B) Pyrite Mineralized Basalt.

PLRO2: Intermediate Feldspar Phyric Tuff with Pyrite. 110°/70°S.

In addition to prospecting, a search was conducted to find old geophysical grids. This way they could be tied into the known GIS coordinates.

Recommendations

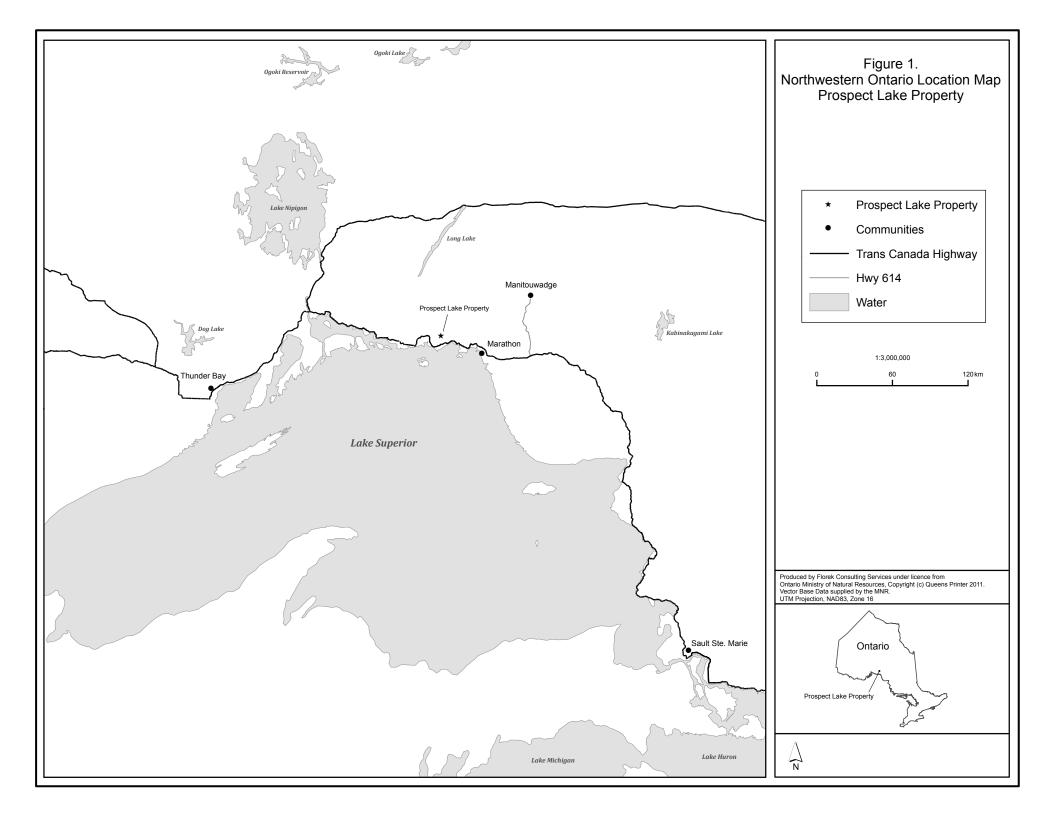
Further investigations of these occurrences are warranted. It is suggest that the following be accomplished:

- Follow-up with more aggressive prospecting and sampling.
- The reestablishment of overgrown trails to provide better access. Access was extremely difficult.
- Additional evaluation of the historical geochemical dataset.

References

Polat, R. Kerrich, and D.A. Wyman (1998). The late Archean Schreiber–Hemlo and White River– Dayohessarah greenstone belts, Superior Province: collages of oceanic plateaus, oceanic arcs, and subduction–accretion complexes. Tectonophysics, v. 289, Issue 4. pp. 295-326.

Walker, J.W.R., 1967, Geology of the Jackfish Middleton Area, Ontario Department of Mines, 41p.



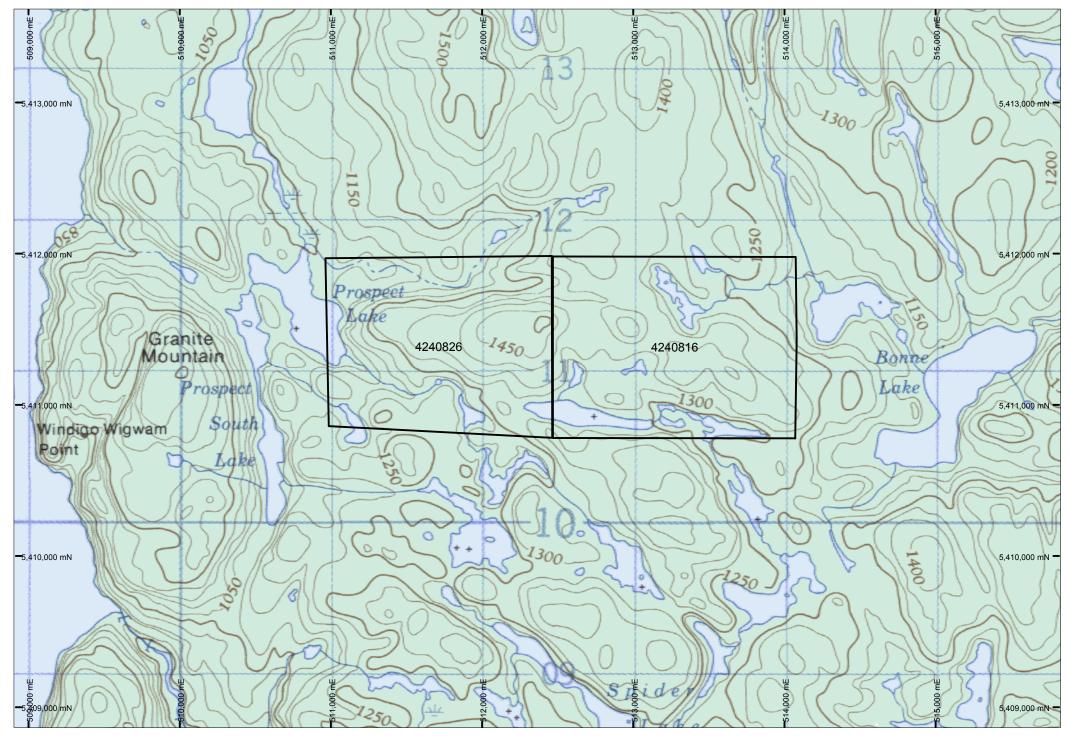
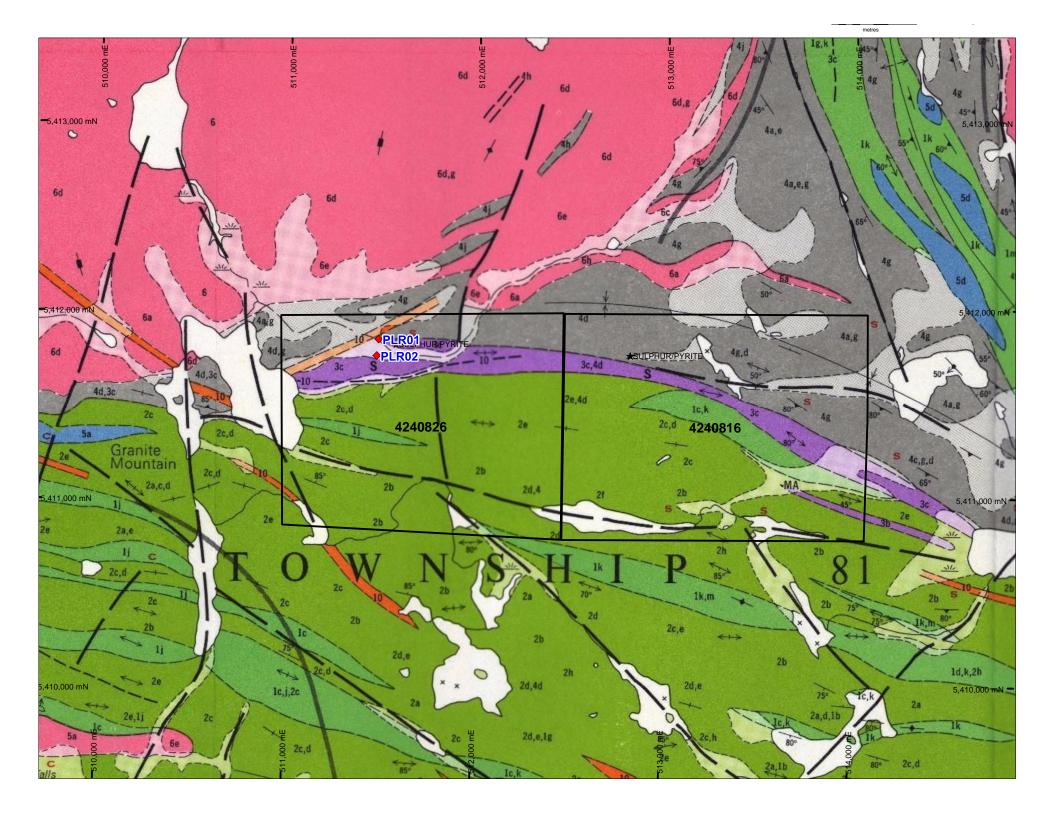
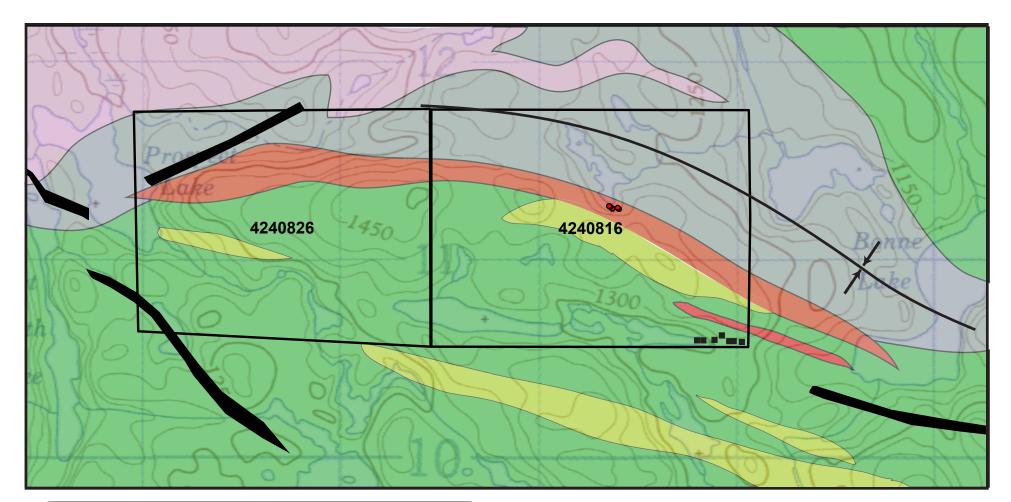


Figure 2: Claim Map (1:25,000)



Prospect Lake Geology



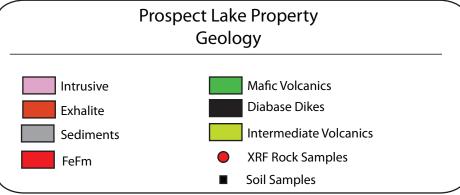


Figure 4: Geology After J.W.R. Walker 1953





Appendix A

Bozema Lake Claims 4240826

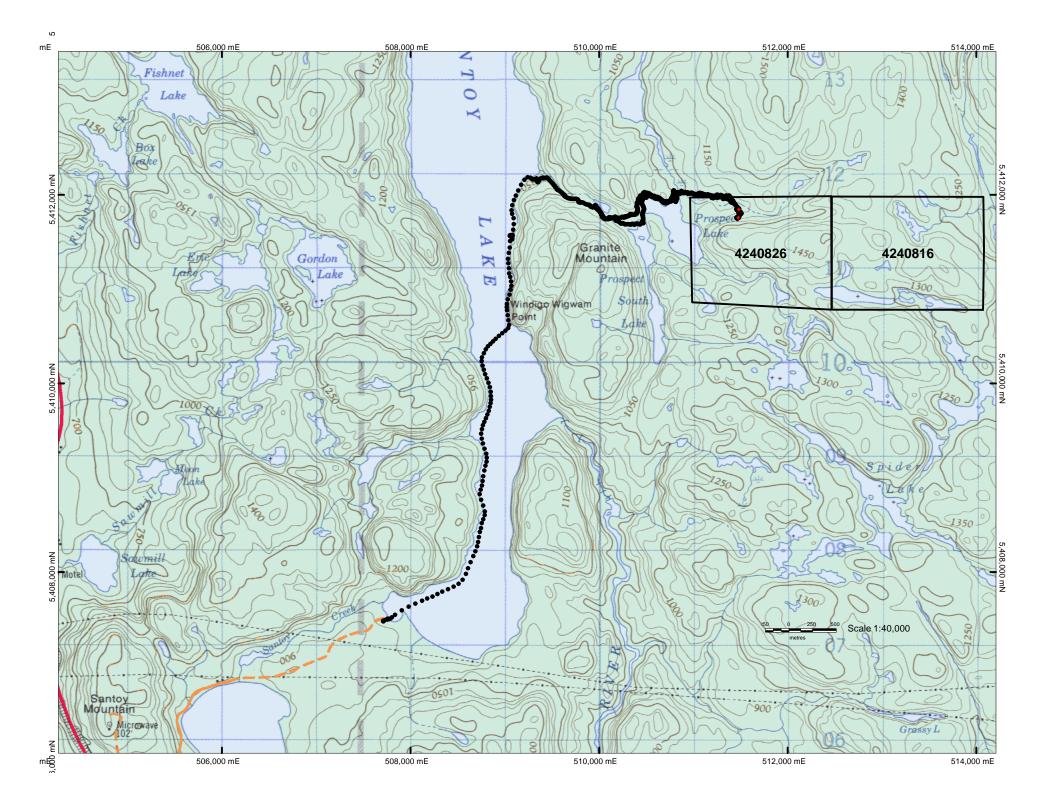
	МОВ		DEMOB			
	September-30-17	October-01-17	October-02-17	October		
Boat and Motor	200	200	200			
Mob/Demob (Camp setup)	450		450			
Prospecting		900				
Truck	60		60			
Perdiem	70	70	70			
Report Writing/Figures				2700		
	780	1170	780	2700		
					Total Costs	\$5 <i>,</i> 430.00
Description	Quanity	units	cost/unit	Total		
Trail Establishment, Access Route (Emergency)	0	day	\$900.00	\$0.00	Work Costs	
Sampling, Prospecting (P.Geo, M.Sc Geologist)	1	day	\$900.00	\$900.00	Work Costs	
Mob/Demob (Equipment, Emergency Shelter Setup)	1	LumpSum	\$900.00	\$900.00	Associated Costs	
Report Writing	2	day	\$900.00	\$1,800.00	Associated Costs	
Figures	1	day	\$900.00	\$900.00	Associated Costs	
	2		<u> </u>	¢		
Boat and Motor	3	day	\$200.00	\$600.00	Transportation Costs	
Truck Mileage	200	km	\$0.60	\$120.00	Transportation Costs	
Dendian	2		ć70.00	¢210.00	Feed and Ledeine	
Perdiem	3	day	\$70.00	\$210.00	Food and Lodging	
			Total Costs	\$5,430.00		
				JJ,430.00		

Electronic Assessment Categories

	-	
Work Costs		\$900.00
Associated Costs		\$3,600.00
Transportation Costs		\$720.00
Food and Lodging		\$210.00

Total Costs \$5,430.00

Appendix B



John FLOREK Prospect Lake	
Prospect Lake	
	1
<u>Septo1, 2017</u>	
Pic PLROI - Graphitic FE-FORM (Stream	(Bed)
Mineralized Besalts (5the	
5,411,844 mN 511,482 ME	
Pic PLROZ- Intermedizie tutto feldopp	16 1
Py Mineralization 1-2%	
	· · · · · · · · · · · · · · · · · · ·
Ho Plock digs to South (see pr c)
	1
700 1100	
5, 411, 757 m N	
511,474 m E	
GP5 Pic - Rock hammer and grunte boulder ben	eith root. flee.



PLR01

Stream Bed in vicinity

Mineralized Basalt (Mineralized), Graphitic Schist (Mineralized)





Strike and Dip of Unit

PLR02

Rusty Intermediate Felsic Tuffs





Exhalative Horizon Outcropping on Santoy Lake

Historic Grid Marker Location 48°51'35.9968" LAT 86°50'38.528" LONG



Appendix C