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# **Assessment Report**

**Dave Feeney**

**September 2022**

**Grass Roots Prospecting September 25/28 2021**

**Red Lake Mining Division**

**Township of Ear Falls**

**Camping Lake Area**

**Mining Claims:**

**Claim ID :**

**52K11K228 (535397)**

**52K11K248 (535394)**



**Prepared By: Dave Feeney, Peter Pomialowski B. Comm; and Aaron Desilets B. Science**

**Ontario Prospector's Number: 2000322, Expiry Date: 2023-11-23**

**Client Number: 10001295**

### **Location and Access:**

The mining claims 52K11K228, 52K11K248, in Northwestern, Ontario is addressed from Winnipeg, Manitoba using Trans-Canada Highway 1 and 17 to the town of Vermillion Bay, and then north on Highway 105 to the town of Ear Falls. The claims are approximately 13.5 kilometers north of Ear Falls. These two claims are bordered by claims 52K11K229 and 52K11K249 directly east.

The majority of the property is covered by second growth forest. New vegetation is dominated by pine, spruce, and fir with lesser amounts of birch, poplar, and alder. Low regions are saturated forming spruce bogs and swamps. East of Highway 105 is a hydro line and west is a natural gas pipeline.

The mining claims were accessed via Highway 105. A Garmin GPSMAP 64 was used to locate the coordinates on Highway 105 that runs through claims 52K11K228, 52K11K248 and 52K11K249. Coordinates of each corner of the claims and at the Highway were used from our last Grass Roots Prospecting on these claims in September 2020.

### **Grassroots Prospecting, Map Coordinates, Grassroots Prospecting Route:**

We drove from Red Lake starting at first coordinate DR03 on Highway 105 and walked south along west side of Highway 105 and came across rock outcrops and observed an east-west foliation in places as well as localized folding of banded/bedded units. The east-west linear feature pictured below (Figure 1) shows a ridge of feldspar (aligned with local foliation) with groundmass. Following in an east-west direction a large rock formation was observed on the west side of Highway 105. The rock type looked to be metased ( meta-sedimentary) and was consistent with the Goldpines geology report. The unit was foliated and folded in places, with quartz-carbonate veins and mica cross-cut locally by granite dikes. Figures 2, 3 show the large rock unit with the evidence of folding. Rock samples were taken from the unit and surrounding area for possible assays at a future date. Figures 4,5 (Assays were not completed for these and included in this report as it is only at Grass Roots Prospecting stage.) GPS coordinates were also saved for future reference. (50.70056 degrees North, 93.33071 degrees West)

Following the large rock formation east across Highway 105 came across additional formations and collected samples of smoky blue-grey and weakly foliated feldspar from the rocky outcrop. As shown in Figures 6,7,8. It was apparent this large outcrop and structure ran north-west up into claim 52K11K227 that borders our claim 52K11K228 and travels in an south-east direction through claim 52K11K248. (This to be further explored on our next trip) As it was getting late we walked through the bush only to the clear cut opening of the hydro line. No further exposed formations were found but the terrain was heavily ground covered with extensive deviations suggesting the rock formations were evident below ground. On our previous trip this area was saturated with swamp like conditions due to the extensive rain in the area during that period.



Figure 1- Ridge of Feldspar



Figure 2,3 - Evidence of Folding



Figure 4-Samples taken around large rock formation West of HWY 105



Figure 5 Rock Samples ( Peter and Aaron in Picture)

Figure 6,7,8 - Samples from East of HWY 105





Figure 7



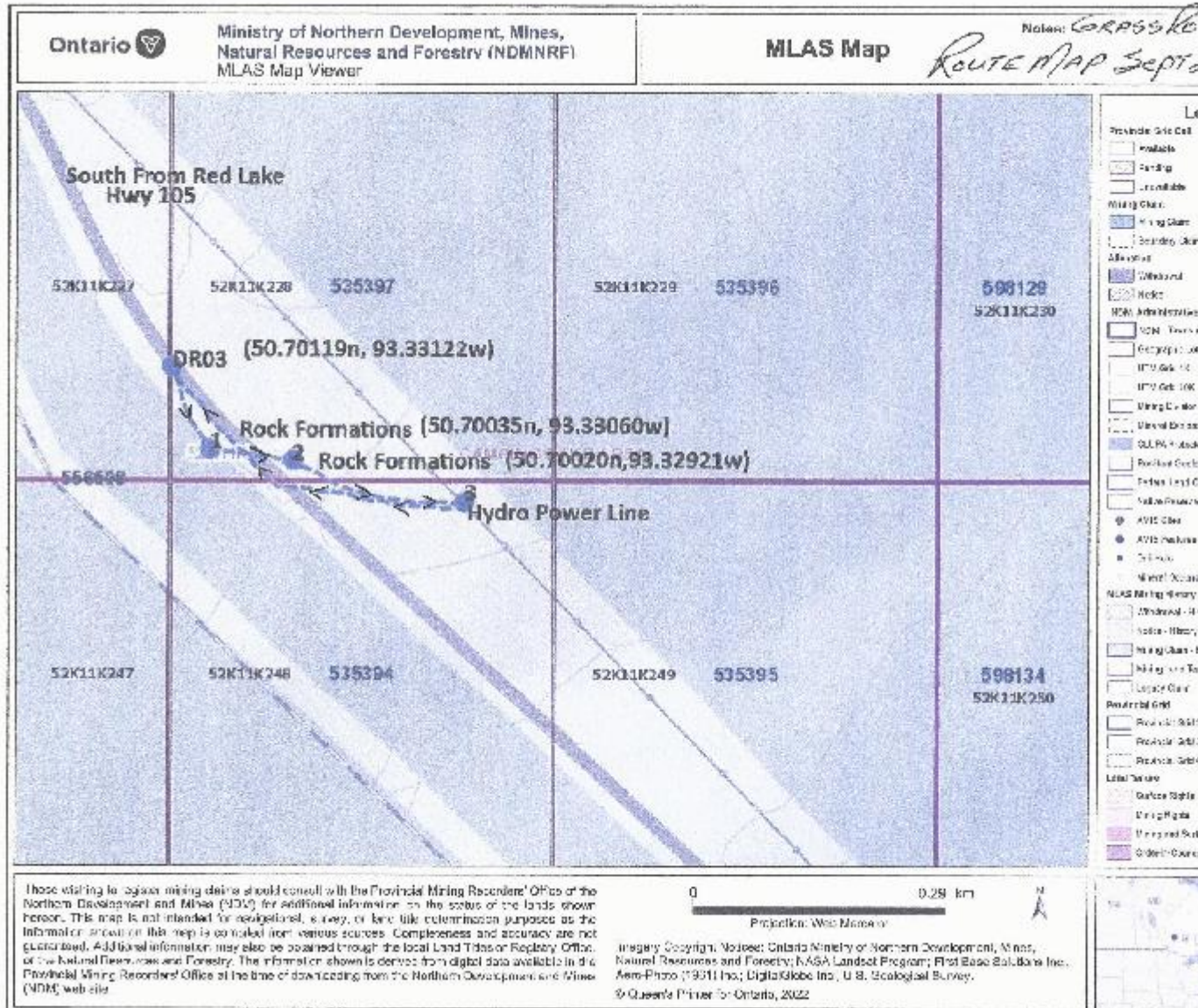
Figure 8





*Sample Area just east of Highway 105 on Claim 52K11K228 (Aaron and Dave in Picture)*

Grass Root Prospecting Route Map September 27<sup>th</sup> 2021



## Grassroots Prospecting Route Sept 26<sup>th</sup> and 27<sup>th</sup> 2021

<b>Daily Log for Grassroots Prospecting:</b>	
Location	Description
DR03	Travelling from Red Lake south down Highway 105 to DR03 walked south west of Highway 105 and found rock formations . Took rock samples then headed east across Highway 105 and took further rock samples and pictures. Saved GPS coordinates of rock formations for future reference. Walked proceeding in a south- east direction to see if the rock formations extended south-east through claims 52K11K248 up to the line and just west of border of claim 52K11K249.
Notes:	Claims 53597, 53594 and 53595 are accessible from Highway 105 Majority of the ground was covered with thick moss, Labrador Tea, Willow Black Spruce and Larch. The Hydro line runs south east through claims 52K11K228, 52K11K248 and 52K11K249. The gas pipeline runs south east through 52K11K248

### **Conclusion.**

On this exploration trip, Aaron Desilets with exploration experience with Equity Exploration, Pure Gold Mining, in the Red Lake District, accompanied us to examine the southeast corner of 52K11K228 and northeast corner of 52K11K248 and further east into 52K11K249. This area of the property has exposed bedrock as observed as observed on our previous trip in September 2019.

The claims are located 13.5 Kilometers north of Ear Falls and south of portions of a regional fault structure, the Pakwash Lake Fault Zone and the Sydney Lake Fault Zone, which are deep-seated crustal-scale features and important markers for exploration in the region.

We collected rock samples from the outcrops of smoky blue-grey quartz –carbonate veins and mica. Some of the rock formations were foliated and folded in places.

Another area for additional exploration would be further south east through 52K11K249 to identify if the rock formations continue through the site and collect further rock samples on our next trip pending moisture saturation as has been experienced in the past with heavy rain in the area.

The four claims are located approximately 25 kilometers southeast of BTU Metals Corp BTU: TSXV, TNT discovery which is a large gold bearing VMS style alteration system.

**Cost for Assessment:**

<b>Work Date</b>	<b>Sweat Equity</b>	<b>Time</b>	<b>Amount</b>	<b>Description</b>
9/26/2021	\$350.00	1Day/1person	\$350.00	Download maps, input map coordinates into Garmin GPSMAP 64, Set location alarms
9/25/2021	\$350.00	1 day/3 people	\$1,050.00	Travel time from Manitoba/Ontario Border to Ear Fall ON for Dave Feeney, Peter Pomialowski and Aaron Desilets.
9/25/2021			\$100.00	Fuel Costs ( Kenora ON)
9/25,26,27,2021		3 days/1 person	\$323.98	Lodging for Dave feeney
9/25/2021		1 day/1 person	\$83.39	Groceries and Dinner
9/27/2021		1 day/1 person	\$13.58	Food ( Breakfast)
9/27/2021	\$350.00	1 day/3people	\$1,050.00	Grassroots prospecting for Dave Feeney ,Peter Pomialowski and Aaron Desilets
9/28/2021		1 day/1 person	\$11.33	Food (Breakfast)
9/28/2021		1 day/1 person	\$10.60	Food (Lunch)
9/28/2021	\$350.00	1 day/3 people	\$1,050.00	Travel time from Ear Falls ON to Ontario/Manitoba border for Dave Feeney,Peter Pomialowski and Aaron Desilets
4/14/2022	\$350.00	1 day/1 person	<u>\$350.00</u>	Compile data and complete report
<b>Total</b>			<b>\$4,392.88</b>	