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**Assessment Report**

**Dave Feeney**

**October 2020**

**Grass Roots Prospecting**

**Réd Lake Mining Division**

**Township of Ear Falls**

**Camping Lake Area**

**Mining Claims:**

**Claim ID :**

**52K11K228**

**52K11K229**

**52K11K248**

**52K11K249**

**Prepared By: Dave Feeney and Peter Pomialowski**

**Ontario Prospector's Number: 2000322**

**Expiry Date: 2023-11-23**

**Client Number: 10001295**

### **Location and Access:**

The mining claims 52K11K228, 52K11K229, 52K11K248, 52K11K249 In Northwestern ,Ontario are 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.

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 are hydro lines and west is a natural gas pipeline.

September 12 and 13, 2019 experienced 31 mm of precipitation, so the ground was saturated with water.

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 were also input into the Garmin GPS.

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

Start at first coordinate DR03 on Highway 105 and proceed south to coordinate D23 staked southwest corner of claim 535397. Proceeded west across highway through heavy bush to mark corner of claims 5353397 and 5353396 at D22. From D22 travelled back to highway 105 then south to DR02. From DR02 travelled through heavy bush to to stake southeast corner of 535394 and southwest corner of 5353395 at D12. We attempted to stake D13 and D11 but ground was saturated to swamp conditions elevated by the heavy rain on September 12 and 13<sup>th</sup> in the area. Stakes were placed identifying the distance from D12 to D11 and D13 to identify the corners of the claims.







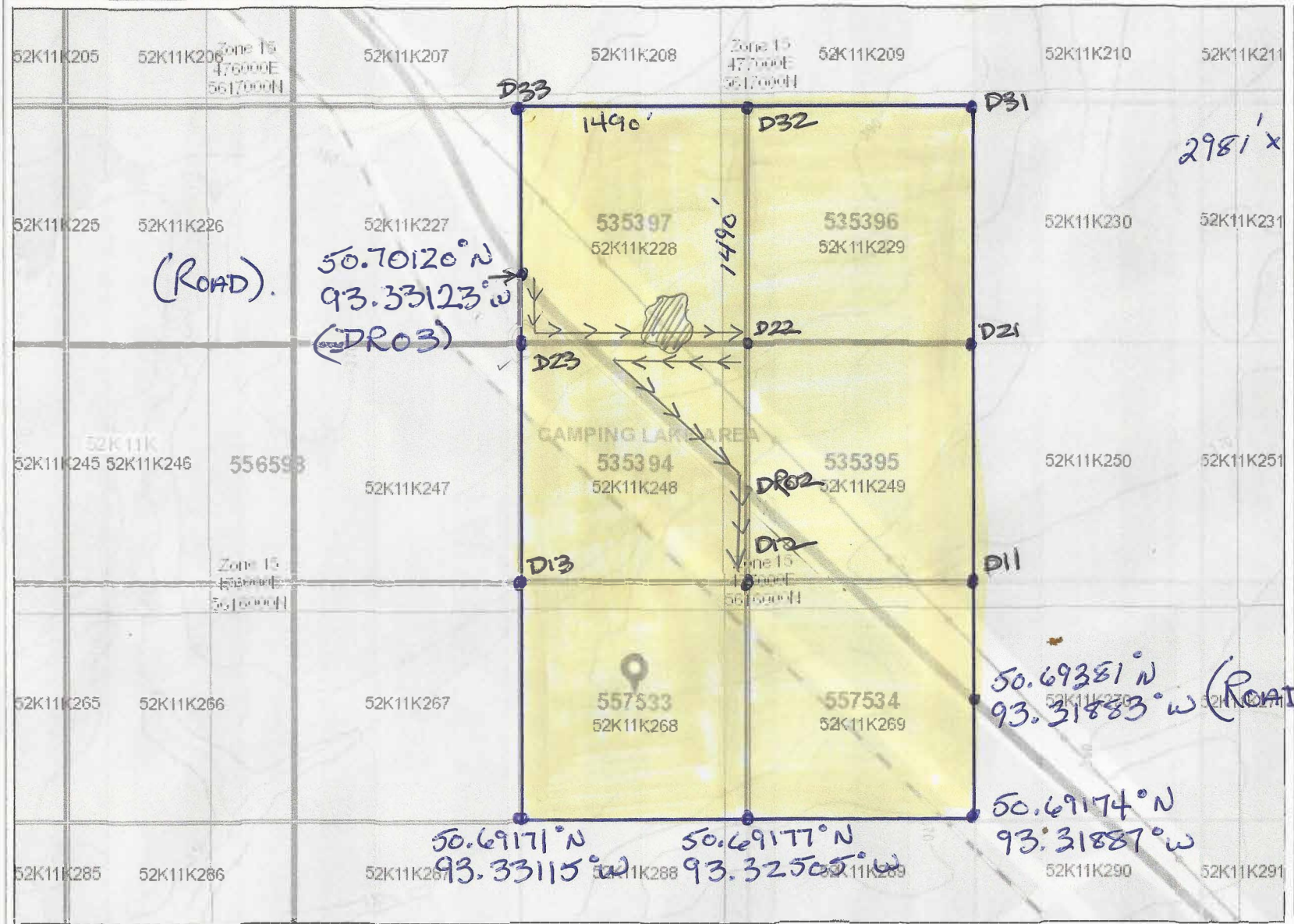
Map Coordinates:







# GRASSROOT PROSPECTING ROUTE



### Legend

- Provincial Grid Cell**
  - Available
  - Pending
  - Unavailable
  - 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 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



Projection: Web Mercator



The Ontario Ministry of Northern Development and Mines shall not be liable in any way for the use of, or reliance upon, this map or any information on this map. This map should not be used for: navigation, a plan of survey, routes, nor locations.

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**Daily Log for Grassroots Prospecting:**

DR03 to D23	From highway 105 (DR03) travelled through the bush to D23 and staked southwest corner of claim 535397	
D23 to D22	From D23 crossed back over highway 105 through bush hydro line to D22. and staked southeast corner of 535397 and southwest corner of 535396. Experienced rock outcrop just east of power line access land.	
D22 to DR02	From DR22 headed east back to highway 105 and to highway 105 by truck to DR02	
DR02 to D12	From Dro2 headed south through bush to fringe of gasline access land to D12 and staked southeast corner of 535394 and southwest corner of 535395	
D12 to D11/D13-	Due to heavy saturated wetlands due to previous rains placed stakes marking distance to southwest corner of 535394 (D13) and southeast corner of 535395 (D11)	
	Could not head east or west past hydro and gas lines due to swamp conditions .	
Notes:	Majority of the ground was covered with thick moss, Labrador Tea, Willow Black Spruce and Larch.	

**Conclusion:**

We have learned from this initial prospecting program that a majority of the claimed land towards the east is low lying and features spruce bogs and swamps, which makes it difficult to explore. The one exception is west of D22 on Claim 52K11K228 that has exposed bedrock. A follow up trip with a geologist (Aaron Desilets) to conduct further exploration and obtain chip samples for assaying is being considered.

Towards the west of the mining claims and west of Highway 105, the land seems to be higher and less swampy. A natural gas pipeline runs through 1 of the claims and should provide more accessibility for exploration and this is to be followed up on our next trip. East of Highway 105 is a power line that runs through 3 claims, and will be the next priority for prospecting.

Another challenge was the heavy amount of rainfall the area experienced the week before, that saturated the ground.

**Cost for Assessment:**

Work Date	Rate	Time	Amount	Description
9/12/2019	\$350.00	1Day/1person	\$350.00	Download maps, input map coordinates into Garmin GPSMAP 64, Set location alarms
9/22/2019	\$350.00	1 day/2 people	\$700.00	Travel time from Manitoba/Ontario Border to Ear Fall ON for Dave Feeney and Peter Pomialowski.
9/22/2019			\$48.45	Food
9/22/2019			\$48.03	Lodging
9/23/2019	\$350.00	1 day/2people	\$700.00	Grassroots prospecting for Dave Feeney and Peter Pomialowski
9/23/2019	\$350.00	1 day/2 people	\$700.00	Travel time from Ear Falls ON to Ontario/Manitoba border for Dave Feeney and Peter Pomialowski and Dave Feeney.
1/22/2020	\$350.00	1 day/1 person	<del>\$350.00</del>	Compile data and complete report
Total			\$2,896.48	

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I have attached pictures taken at the outcrop site  
along with the samples taken.

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Pic 1: hard to say whether this is part of a quartz vein or belongs to some larger plutonic body (ie granitic intrusion or a batholith). My guess would be vein, usually plutonic rocks have some portion of mafic minerals (darker minerals, like biotite or amphibole) and have a more homogenous appearance (think of a granite countertop). I can't tell if the dark patches on the bottom edge are inclusions of host rock (host rock meaning the original rock that the vein would have intruded through) or if it's just lichen/weathering. The mineral composition appears quartz and plagioclase rich, possibly some feldspar.

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Pic 2: plutonic rock (maybe diorite or granodiorite), minerals appear to be plagioclase, biotite, muscovite, amphibole, possibly some feldspar. Weakly-moderately foliated (mineral grains show an "alignment", due to regional metamorphism). The rock face in the middle that appears "shiny" is talc-rich (muscovite, biotite; very soft minerals that can easily be scratched with a knife).

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Pic 3: same as pic 1

