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**Report on Geophysical and Geological Re-Interpretation and Target
Generation on the Scadding Property, Sudbury Mining District,
Ontario**

Undertaken by Northern Sphere Mining Corp.

During the Period of September 28, 2017 to January 10, 2018

Scadding, Davis, Street, Loughrin, and Rathbun Townships, Ontario

Prepared by: Kelly Malcolm, P.Geo.

Submitted: May 5, 2019

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Introduction

This report is based on assessment work conducted on the Scadding Property primarily from the period of September 28, 2017 to January 10, 2018. This work includes data compilation and interpretation. The bulk of this data interpretation involved inversion modelling and interpretation of regional geophysical data in order to identify trends and targets for additional mineralization. In addition to the geophysical modelling, a three dimensional model of the Scadding mine was generated and incorporated with the magnetic inversion to attempt to identify controlling geophysical features. The results of these interpretations and models are described in this report. The work was undertaken by contractors working under contract to Northern Sphere Mining Corp. Much of the text of this report, particularly regional and local geology and mineralization, was adapted or taken verbatim from a previous assessment report on the Scadding Property written in 2011 by Lindsay Moss, Theresa Macmillian, and Robert Komarechka for Trueclaim Exploration Inc.

Location

The Scadding Property extends over the townships of Scadding, Street, Davis, Rathbun, and Loughrin Townships, although work much of the work by Northern Sphere and historic operators has been focused on Scadding Township. The Scadding Property is located in the Mining District of Sudbury, Ontario, about 50 kilometres northeast of the city of Sudbury, Ontario. Figure 1 shows its location in a regional setting, while figure 2 shows the distribution of the unpatented mining claims and leased land in the area owned or optioned by Northern Sphere Mining Corp. The center of the property can be considered at the Scadding Minesite which is located at NAD 83 co-ordinates 529154mE and 5166510mN Zone 17T.

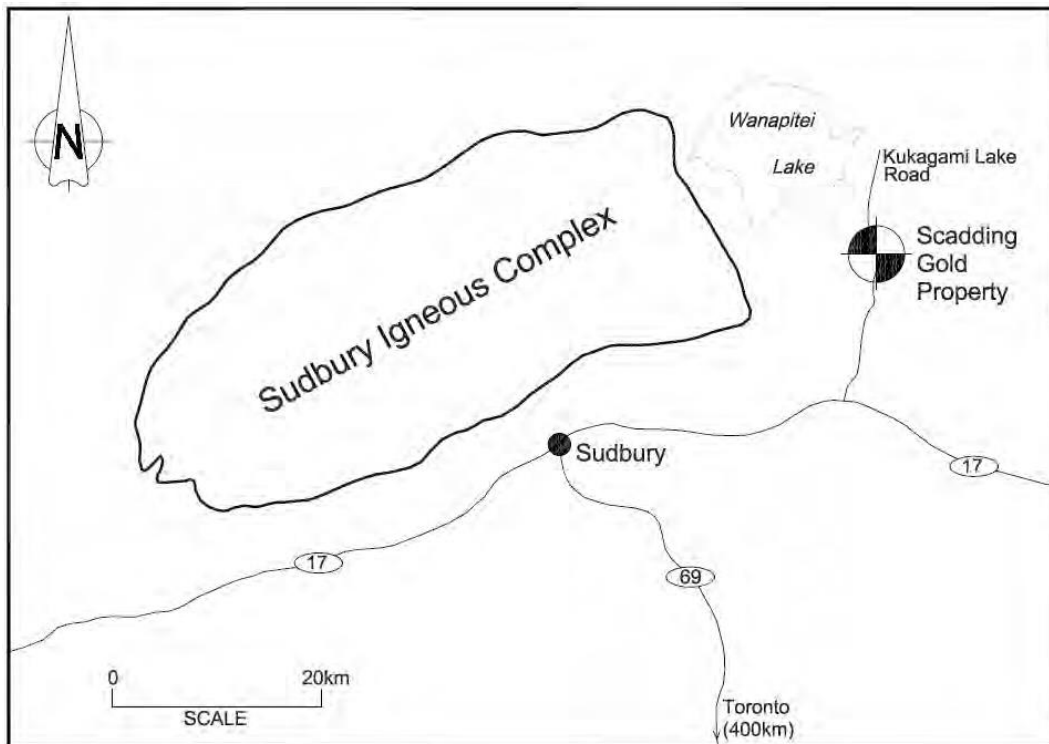


Figure 1: Location of the Scadding Property with respect to the City of Greater Sudbury

Access

The area of this work is scattered over a large area as shown in figure 2. A description to some of the major areas of interest are described below. Access to the Scadding Mine Site is via the well maintained gravel Kukagami Lake Road. Take Kukagami Lake Road 17.2 kilometres north from Highway 17 to a gravel road on the west. This road leads through a set of gates to the Scadding Mine Site. On the east side of Kukagami Lake road 300m south of the entrance to the mine site is a road created by excavator leading to the Secret Showing. One kilometre to the south of the Scadding Mine is an ATV/Snowmobile trail which takes you south up to the historical Tailings Area.

Travelling further north on Kukagami Lake Road 0.5km will lead to the intersection with the Ashagami Road West, 2.5km further East on the Ashagami Road West will lead to a boat launch on the shore of Ashagami Lake. Just before the boat launch is Westshore Road, turn left onto Westshore Road.

Immediately on the left hand side is an ATV/snowmobile trail which if followed due north for about 400m will bring you to the main showing of the Red Rock East property.

Half a kilometer north on Kukagami Lake Road from the Ashagami Road West is the junction to Johnson Road on the west side. Trenching, known as the Johnson Road Showing, was done 3km down Johnson Road between Bugg Lake and Spar Lake to the north off of a snowmobile trail. Just past this trench the ATV/snowmobile trail continues on the south side of Johnson Road. Taking the ATV/snowmobile trail south 1.5km will bring you to an area directly off the trail where two other trenches were excavated in an area known as the Shouinard Showing.

Returning back to the intersection of the Johnson and Kukagami Lake Road and traveling 3.5km north we come to a gravel trail to the west just before crossing a swamp creek. Travelling on this trail for about 3km to the northwest will bring you to a fork in the trail. Park your vehicle to the left just before the fork. Taking the left fork down the hill will bring you to two areas of stripping. Going eastward up the hill to the rock promontory is where the Jerome Showing is located.

Going back to the trail turnoff at Kukagami Lake Road and traveling north past the turnoff to Kukagami Lake for another 700m. a trail is found on the west side of the road, travelling down this trail for another 700 meters brings us to the Alwyn Porcupine Mine.

To reach the Copper Shaft one travels east about 25 km. on Hwy 17 from the Kukagami Lake Road to Hagar then northward on Hwy 535 for about another 25 km then take the left fork staying to the left for about 7 km. A westward trail leads to a stripped area of the Copper Shaft.

Property Tenure

The Scadding property inclusive of all options shown in tables 1 & 2 and figure 2 comprises 9,663 ha consisting of 444 claims of which Northern Sphere has earned a 100% interest in most claims subject to various option agreements, registered in the names of Trueclaim Exploration Inc. and Terry Loney, and 7 leases, registered in the name of Currie Rose Resources Inc., to which Northern Sphere has earned and purchased a 51% interest. Most claims and all of the leases are subject to various NSRs and additional obligations. The claims and leases, and their current registration as of the date of May 5, 2019, are shown in tables 1 & 2 below. Figure 2 shows a map of claims and leases that comprise the Scadding Project.

Claim Number	Registration Date	Anniversary Date	Extension Date	Tenure Status	Mining Claim Type	Holder
100007	2018-04-10	2019-02-02	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
100522	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
102307	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
102412	2018-04-10	2020-11-04		Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
106153	2018-04-10	2018-12-18	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
106655	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.

106804	2018-04-10	2018-12-15	2019-08-20	Active	Boundary Cell Mining Claim	(100) TERRY LONEY
106837	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
106838	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
107108	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
107550	2018-04-10	2018-12-15	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
107596	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
107637	2018-04-10	2019-05-05		Active	Single Cell Mining Claim	(100) TERRY LONEY
107638	2018-04-10	2019-05-05		Active	Single Cell Mining Claim	(100) TERRY LONEY
107639	2018-04-10	2019-05-05		Active	Boundary Cell Mining Claim	(100) TERRY LONEY
108007	2018-04-10	2018-12-12	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
108058	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
109721	2018-04-10	2019-05-26		Active	Single Cell Mining Claim	(100) TERRY LONEY
109722	2018-04-10	2019-05-26		Active	Single Cell Mining Claim	(100) TERRY LONEY
109723	2018-04-10	2019-05-26		Active	Single Cell Mining Claim	(100) TERRY LONEY
110416	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
110417	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
113302	2018-04-10	2018-12-03	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
115019	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
115604	2018-04-10	2019-02-02	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
115605	2018-04-10	2019-02-02	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
115806	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
117324	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
117608	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
118057	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
122040	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.

124025	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
124026	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
124027	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
124065	2018-04-10	2019-05-05		Active	Single Cell Mining Claim	(100) TERRY LONEY
124066	2018-04-10	2019-05-05		Active	Boundary Cell Mining Claim	(100) TERRY LONEY
124112	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
124113	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
124945	2018-04-10	2019-02-02	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
125098	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
125388	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
125459	2018-04-10	2018-12-15	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
125464	2018-04-10	2018-12-12	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
125465	2018-04-10	2018-12-12	2019-08-20	Active	Boundary Cell Mining Claim	(100) TERRY LONEY
125466	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
125518	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
125649	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
125921	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
125922	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
127016	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
127017	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
127061	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
127840	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
129503	2018-04-10	2019-05-26		Active	Single Cell Mining Claim	(100) TERRY LONEY
129894	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
129895	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.

130287	2018-04-10	2019-05-26		Active	Single Cell Mining Claim	(100) TERRY LONEY
132869	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
132870	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
132871	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
132872	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
133562	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
133563	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
134795	2018-04-10	2018-12-18	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
135520	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
135521	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
135541	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
135542	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
136223	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
136556	2018-04-10	2018-12-03	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
136557	2018-04-10	2018-12-03	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
136558	2018-04-10	2018-12-03	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
137456	2018-04-10	2018-12-12	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
137457	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
137458	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
137505	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
139563	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
141402	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
141601	2018-04-10	2019-05-05		Active	Boundary Cell Mining Claim	(100) TERRY LONEY
141648	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
141649	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.

142152	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
142246	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
142247	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
142667	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
142903	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
142952	2018-04-10	2018-12-15	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
143518	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
144703	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
146993	2018-04-10	2019-05-26		Active	Single Cell Mining Claim	(100) TERRY LONEY
148821	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
148822	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
149304	2018-04-10	2018-12-15	2019-08-20	Active	Boundary Cell Mining Claim	(100) TERRY LONEY
149465	2018-04-10	2018-12-15	2019-08-20	Active	Boundary Cell Mining Claim	(100) TERRY LONEY
149503	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
150750	2018-04-10	2018-12-18	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
151830	2018-04-10	2018-12-15	2019-08-20	Active	Boundary Cell Mining Claim	(100) TERRY LONEY
154934	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
154935	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
155511	2018-04-10	2019-02-02	2019-08-20	Active	Boundary Cell Mining Claim	(100) TERRY LONEY
156287	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
156619	2018-04-10	2018-12-03	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
156807	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
156808	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
162313	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
162314	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.

167417	2018-04-10	2019-11-06		Active	Single Cell Mining Claim	(100) TERRY LONEY
167762	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
170242	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
170441	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
170774	2018-04-10	2019-02-02	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
171275	2018-04-10	2018-12-03	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
171276	2018-04-10	2018-12-03	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
171471	2018-04-10	2019-02-02	2019-08-20	Active	Boundary Cell Mining Claim	(100) TERRY LONEY
171481	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
171482	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
171492	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
171493	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
172095	2018-04-10	2019-02-02	2019-08-20	Active	Boundary Cell Mining Claim	(100) TERRY LONEY
172574	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
175588	2018-04-10	2019-05-26		Active	Single Cell Mining Claim	(100) TERRY LONEY
175834	2018-04-10	2020-11-04		Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
176026	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
176031	2018-04-10	2018-12-15	2019-08-20	Active	Boundary Cell Mining Claim	(100) TERRY LONEY
178085	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
178086	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
178747	2018-04-10	2018-12-15	2019-08-20	Active	Boundary Cell Mining Claim	(100) TERRY LONEY
180010	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
180011	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
180012	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
180663	2018-04-10	2018-12-15	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY

180664	2018-04-10	2018-12-15	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
180765	2018-04-10	2018-12-15	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
180766	2018-04-10	2019-05-05		Active	Single Cell Mining Claim	(100) TERRY LONEY
180881	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
181197	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
181892	2018-04-10	2018-12-15	2019-08-20	Active	Boundary Cell Mining Claim	(100) TERRY LONEY
181893	2018-04-10	2018-12-15	2019-08-20	Active	Boundary Cell Mining Claim	(100) TERRY LONEY
182051	2018-04-10	2019-11-06		Active	Boundary Cell Mining Claim	(100) TERRY LONEY
182056	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
182161	2018-04-10	2018-12-15	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
182162	2018-04-10	2018-12-15	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
182163	2018-04-10	2018-12-15	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
182165	2018-04-10	2018-12-12	2019-08-20	Active	Boundary Cell Mining Claim	(100) TERRY LONEY
183041	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
185382	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
186061	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
186787	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
187428	2018-04-10	2018-12-15	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
188205	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
188347	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
188880	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
188881	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
189449	2018-04-10	2018-12-15	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
189450	2018-04-10	2018-12-15	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
189453	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.

189503	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
189895	2018-04-10	2019-11-06		Active	Single Cell Mining Claim	(100) TERRY LONEY
189926	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
191290	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
191535	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
191851	2018-04-10	2020-11-04		Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
193397	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
193549	2018-04-10	2019-05-26		Active	Single Cell Mining Claim	(100) TERRY LONEY
195101	2018-04-10	2019-05-26		Active	Single Cell Mining Claim	(100) TERRY LONEY
196692	2018-04-10	2019-11-06		Active	Boundary Cell Mining Claim	(100) TERRY LONEY
198918	2018-04-10	2018-12-18	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
198919	2018-04-10	2019-05-05		Active	Single Cell Mining Claim	(100) TERRY LONEY
198989	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
199646	2018-04-10	2018-12-15	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
200050	2018-04-10	2019-02-02	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
200205	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
200295	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
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200297	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
200723	2018-04-10	2019-02-02	2019-08-20	Active	Boundary Cell Mining Claim	(100) TERRY LONEY
200735	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
200736	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
200737	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
200890	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
200891	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.

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201547	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
201604	2018-04-10	2018-12-15	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
201605	2018-04-10	2018-12-15	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
201655	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
202123	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
203675	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
205434	2018-04-10	2018-12-15	2019-08-20	Active	Boundary Cell Mining Claim	(100) TERRY LONEY
207567	2018-04-10	2019-02-02	2019-08-20	Active	Boundary Cell Mining Claim	(100) TERRY LONEY
207568	2018-04-10	2019-02-02	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
207689	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
207690	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
207845	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
208077	2018-04-10	2019-02-02	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
208777	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
208782	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
208890	2018-04-10	2019-02-02	2019-08-20	Active	Boundary Cell Mining Claim	(100) TERRY LONEY
210186	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
210187	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
212287	2018-04-10	2019-05-26		Active	Single Cell Mining Claim	(100) TERRY LONEY
212288	2018-04-10	2019-05-26		Active	Single Cell Mining Claim	(100) TERRY LONEY
214759	2018-04-10	2019-11-06		Active	Single Cell Mining Claim	(100) TERRY LONEY
215422	2018-04-10	2019-05-05		Active	Single Cell Mining Claim	(100) TERRY LONEY
216277	2018-04-10	2019-11-06		Active	Single Cell Mining Claim	(100) TERRY LONEY
216795	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.

217411	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
218724	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
218725	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
218766	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
218820	2018-04-10	2018-12-15	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
219633	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
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219668	2018-04-10	2019-02-02	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
219669	2018-04-10	2019-02-02	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
220331	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
220337	2018-04-10	2019-02-02	2019-08-20	Active	Boundary Cell Mining Claim	(100) TERRY LONEY
220338	2018-04-10	2019-02-02	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
220809	2018-04-10	2018-12-03	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
220857	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
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220952	2018-04-10	2019-02-02	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
220953	2018-04-10	2019-02-02	2019-08-20	Active	Boundary Cell Mining Claim	(100) TERRY LONEY
221142	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
221143	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
221762	2018-04-10	2020-11-04		Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
222233	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
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222235	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
225341	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.

226044	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
226141	2018-04-10	2018-12-15	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
226942	2018-04-10	2019-02-02	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
227204	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
227631	2018-04-10	2019-02-02	2019-08-20	Active	Boundary Cell Mining Claim	(100) TERRY LONEY
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234581	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
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235093	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
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235306	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
235340	2018-04-10	2019-05-05		Active	Single Cell Mining Claim	(100) TERRY LONEY
235772	2018-04-10	2018-12-15	2019-08-20	Active	Boundary Cell Mining Claim	(100) TERRY LONEY
236169	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
236230	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
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236855	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
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236995	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
237335	2018-04-10	2018-12-15	2019-08-20	Active	Boundary Cell Mining Claim	(100) TERRY LONEY
237336	2018-04-10	2018-12-15	2019-08-20	Active	Boundary Cell Mining Claim	(100) TERRY LONEY
237514	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
237858	2018-04-10	2018-12-03	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
237859	2018-04-10	2018-12-03	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
238120	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
242196	2018-04-10	2019-05-26		Active	Single Cell Mining Claim	(100) TERRY LONEY
242197	2018-04-10	2019-05-26		Active	Single Cell Mining Claim	(100) TERRY LONEY
242198	2018-04-10	2019-05-26		Active	Single Cell Mining Claim	(100) TERRY LONEY
242750	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
242751	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
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246736	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
246737	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
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251301	2018-04-10	2019-11-06		Active	Boundary Cell Mining Claim	(100) TERRY LONEY
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253396	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
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254226	2018-04-10	2018-12-15	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
254227	2018-04-10	2018-12-15	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
254228	2018-04-10	2018-12-15	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
254778	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
254872	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
255649	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
255650	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
255894	2018-04-10	2018-12-03	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
256067	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
256228	2018-04-10	2018-12-12	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
256229	2018-04-10	2018-12-12	2019-08-20	Active	Boundary Cell Mining Claim	(100) TERRY LONEY
258437	2018-04-10	2020-11-04		Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
262708	2018-04-10	2019-11-06		Active	Single Cell Mining Claim	(100) TERRY LONEY
265648	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
266154	2018-04-10	2019-02-02	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
267374	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
267463	2018-04-10	2019-02-02	2019-08-20	Active	Boundary Cell Mining Claim	(100) TERRY LONEY
267464	2018-04-10	2019-02-02	2019-08-20	Active	Boundary Cell Mining Claim	(100) TERRY LONEY
270173	2018-04-10	2019-11-06		Active	Single Cell Mining Claim	(100) TERRY LONEY
271441	2018-04-10	2018-12-15	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
272455	2018-04-10	2018-12-15	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
273588	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
273589	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.

273756	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
274806	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
275231	2018-04-10	2018-12-03	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
275407	2018-04-10	2019-02-02	2019-08-20	Active	Boundary Cell Mining Claim	(100) TERRY LONEY
278748	2018-04-10	2019-05-26		Active	Single Cell Mining Claim	(100) TERRY LONEY
281357	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
282023	2018-04-10	2018-12-18	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
282024	2018-04-10	2019-05-05		Active	Single Cell Mining Claim	(100) TERRY LONEY
282535	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
282536	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
283231	2018-04-10	2018-12-15	2019-08-20	Active	Boundary Cell Mining Claim	(100) TERRY LONEY
283251	2018-04-10	2018-12-15	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
283330	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
283351	2018-04-10	2019-05-05		Active	Boundary Cell Mining Claim	(100) TERRY LONEY
283388	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
283389	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
284006	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
284745	2018-04-10	2018-12-15	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
285308	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
286192	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
286935	2018-04-10	2019-02-02	2019-08-20	Active	Boundary Cell Mining Claim	(100) TERRY LONEY
286941	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
287111	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
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287537	2018-04-10	2019-02-02	2019-08-20	Active	Boundary Cell Mining Claim	(100) TERRY LONEY

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288991	2018-04-10	2020-11-04		Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
289280	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
290068	2018-04-10	2018-12-18	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
290069	2018-04-10	2019-05-05		Active	Single Cell Mining Claim	(100) TERRY LONEY
290601	2018-04-10	2018-12-04	2019-08-20	Active	Single Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
290789	2018-04-10	2018-12-15	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
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291410	2018-04-10	2019-05-05		Active	Boundary Cell Mining Claim	(100) TERRY LONEY
292075	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
292473	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
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296837	2018-04-10	2019-05-26		Active	Single Cell Mining Claim	(100) TERRY LONEY
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319470	2018-04-10	2018-12-18	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
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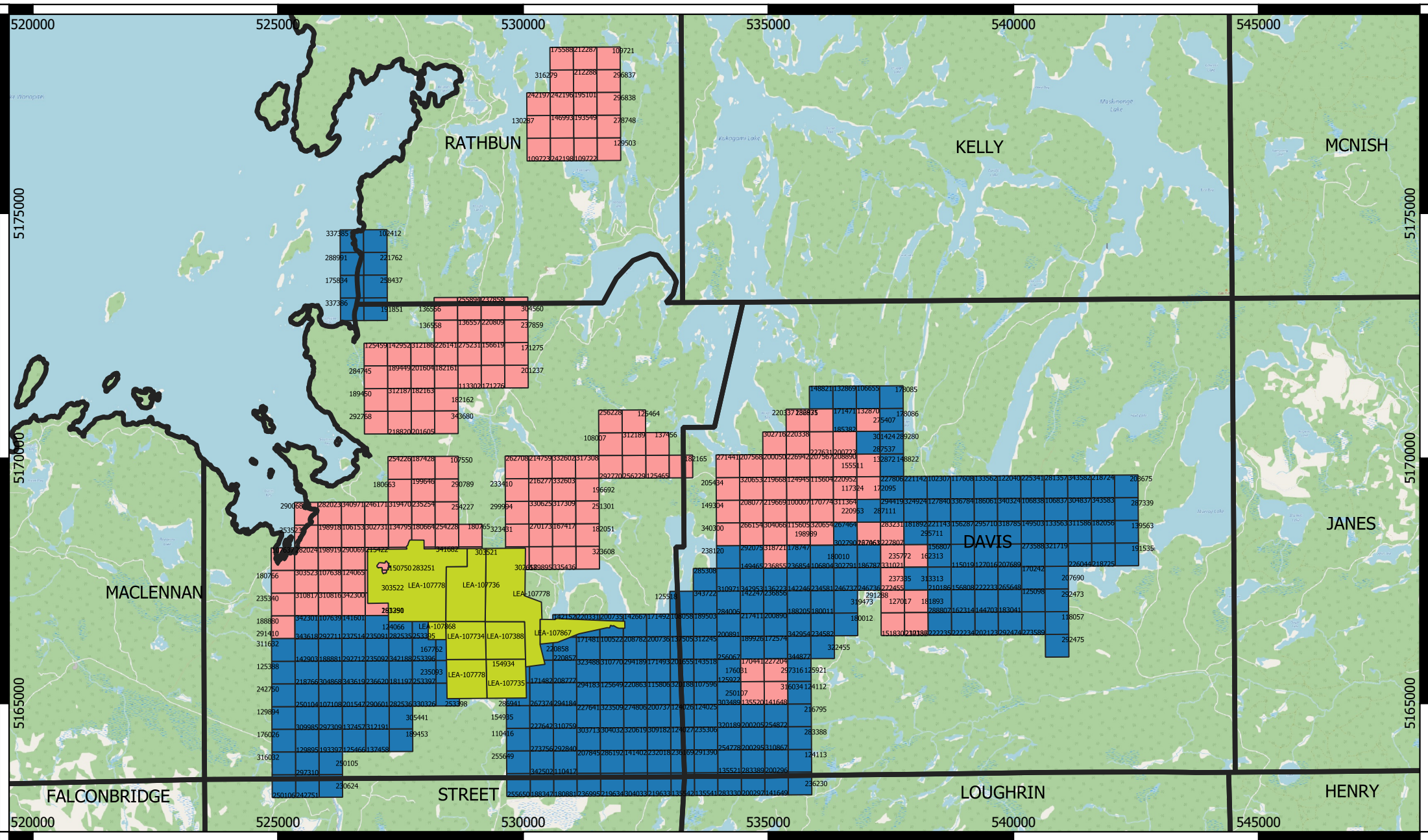
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322455	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
323431	2018-04-10	2019-11-06		Active	Single Cell Mining Claim	(100) TERRY LONEY
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342300	2018-04-10	2019-05-05		Active	Single Cell Mining Claim	(100) TERRY LONEY
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343680	2018-04-10	2018-12-15	2019-08-20	Active	Single Cell Mining Claim	(100) TERRY LONEY
343722	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.
344877	2018-04-10	2018-12-04	2019-08-20	Active	Boundary Cell Mining Claim	(100) TRUECLAIM EXPLORATION INC.

Table 1: Schedule of Claims held by or under option to Northern Sphere Mining Corp.

Lease #	Size (ha)	Holder
LEA-107778	451.7	Currie Rose Resources Inc.
LEA-107734	65.1	Currie Rose Resources Inc.
LEA-107736	116.8	Currie Rose Resources Inc.
LEA-107867	55.2	Currie Rose Resources Inc.
LEA-107868	15.9	Currie Rose Resources Inc.
LEA-107388	65.8	Currie Rose Resources Inc.
LEA-107735	65.8	Currie Rose Resources Inc.

Table 2: Schedule of Leases owned 51% by Northern Sphere Mining Corp.

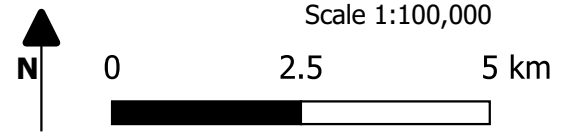


- Legend**
- MENDM_Administrative_Boundaries
 - Currie Rose Resources
 - Terry Loney
 - Trueclaim Exploration Inc.

**Claim Map
Northern Sphere Mining Corp.
Scadding Project**

May 2019

Scale 1:100,000



520000 525000 530000 535000 540000 545000

5175000 5170000 5165000

520000 525000 530000 535000 540000 545000

Geology

Regional Geology

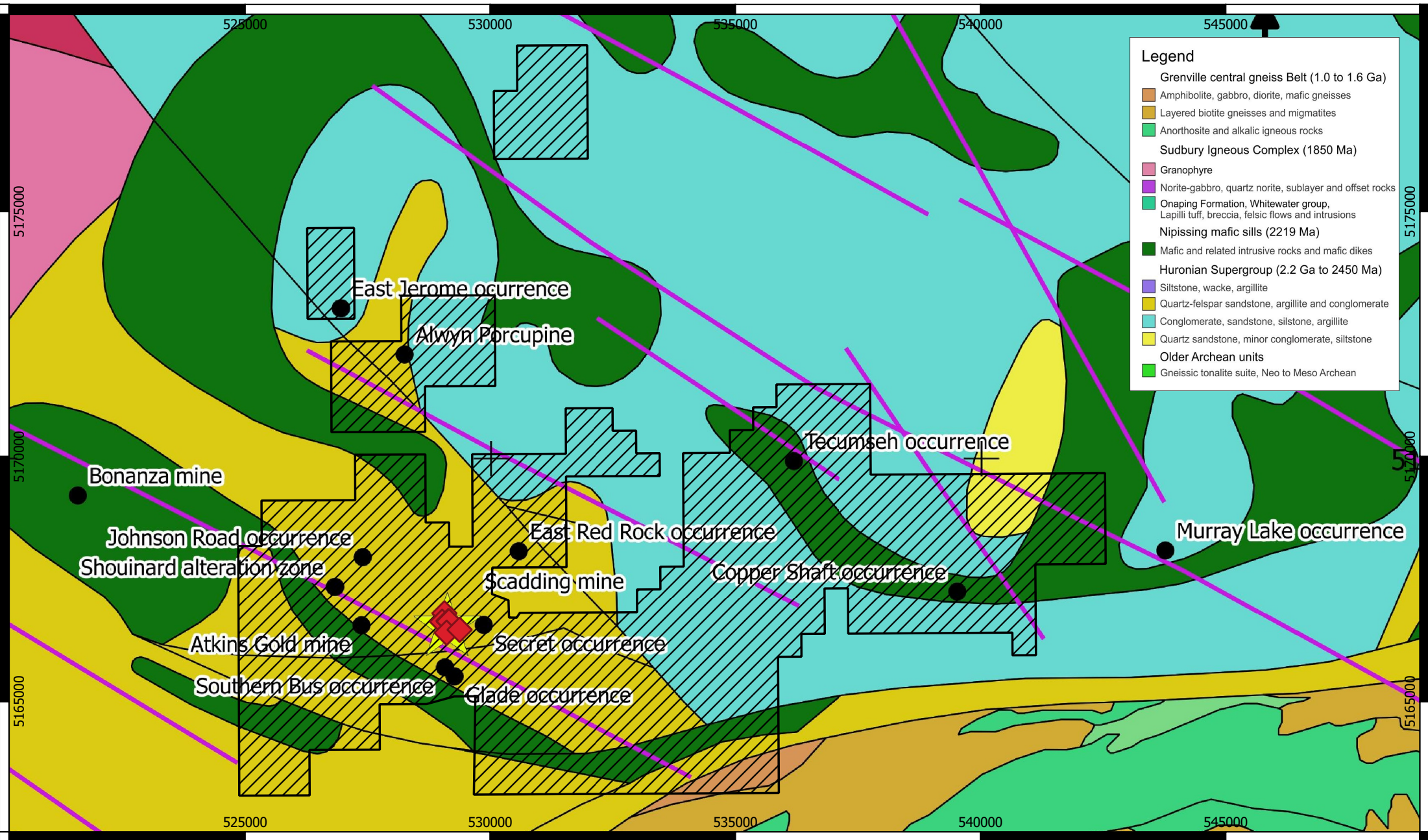
The Scadding Property lies in the Precambrian Canadian Shield between the Superior Geological Province to the north and the Grenville Geological Province to the south. The Precambrian Canadian Shield is an Archean basement composed of metavolcanics and metasedimentary rocks intruded by granitoid and mafic intrusive rocks. On top of the Archean basement is a package of Huronian metasedimentary rocks containing minor intercalated mafic volcanic rocks. Intrusive rocks in the vicinity include Nipissing diabase (2115Ma), Olivine diabase (1225Ma), small felsic intrusive (1700-1725Ma Killarney Granite Suite) and lamprophyres. The Huronian metasediments have an unconformable contact above the Archean basement and are part of a Supergroup covering an area between Sault Ste. Marie and Cobalt. The Huronian sediments were deposited during a period of marine transgression. The Huronian Supergroup contains sandstones, conglomerates and argillites with intercalated mafic volcanic. These sediments are thought to have been deposited from the northwest to the southeast. The Huronian Supergroup has been divided into four groups: Cobalt Group, Quirke Lake Group, Hough Lake Group and the Elliot Lake Group. Quirke Lake Group sediments are observed at the Scadding Mine site. The Quirke Lake group consists of the Serpent Formation, Espanola Formation and the Bruce Formation. To the north and east of the minesite lie rocks of the Cobalt group while to the south lie rocks of the Hough Lake Group. Intrusive gabbroic rocks termed the Nipissing Diabase intruded the existing Huronian sediments around 2250 to 2150. The major structural event that deformed the Huronian sediments was the Penokean Orogeny, which affected the region between about 1850 Ma and 1750 Ma. The deformation caused by the Penokean Orogeny resulted in folding and thrust faulting of the Huronian sediments. Intrusions of Killarney granitic rocks and subsequent sodic metasomatism occurred towards the end of the Penokean Orogeny. A timescale of geological formations and events is found below in figure 4.

Geology of Study Area

The Scadding Property lies within the Huronian Supergroup ranging from the Hough Lake to the Cobalt Group. These rocks are exposed southeast of Wanapitei Lake in a series of northwest to southeast oriented secondary fold structures which become truncated at the Grenville front. The Grenville front is located about 1.5km kilometres south of the Scadding Gold Mine. The Huronian stratigraphic sequence becomes younger towards the southeast. The early Penokean related fold structures and intrusive suites are overturned in the southwest. The overprinting metamorphic grade on the Scadding Mine site and surrounding area ranges between greenschist to lower amphibolite facies. The metasedimentary stratigraphy strikes approximately west and dips moderately to steeply north and is intruded by Nipissing diabase sills and then later cross-cut by a swarm of narrow olivine diabase dykes. The overburden in the Scadding property consists of glacial till comprised of unconsolidated sand and cobbles. Table 3 below is a chart listing the formations and rock types used in the logging and mapping on the Scadding Property. Figure 3 shows the geology on the Scadding Property over the area of study as derived from maps produced by the Ontario Geological Survey and georeferenced on an OBM basemap.

Era	Period	Age (Ma)	Intrusions Province/Complex	Group	Formation	Rock Type	Orogenies	Mineralization	Examples	
Proterozoic	Mesoproterozoic	37	Wanapitei Crater							
		1400-1000	Grenville Province							
		1225 (1250)	Keveanawan	Tholeiitic Volcanics & dikes				Keweenaw	Cu, Ag	Michigan native copper, Silver Islet
		1238	Sudbury Diabase Dikes	Olivine Tholeiite						
		1500-1450	Manitoulin Island Alkalic Intrusions	Gabbro, Syenite						
		1600-1500	Chlorite Gold Mineralization	Chlorite Alteration					Au	Scadding, Mckinnon? Rose?
	Paleoproterozoic	1700	Soda Metasomatism							
		1750-1700	Cutler Batholith	Granitic Intrusion				Penokean Orogeny 1.9-1.7 Ga folding & metamorph.		
			Whitewater Group	Onwatin	Slate					
					Chelmsford	Sandstone				
		1850	Sudbury Igneous Complex	Norite Intrusion					Cu, Ni, Au, Pd, Pt, S	Vale INCO & Xstrata Mines
		2170	Marathon Dabase Dikes	plagioclase, pyroxene, chlorite, magnetite-ilmenite, iron sulphides, apatite						
		2250-2115	Nipissing	Gabbro Complex at least 2 periods of intrusions of olivine gabbro, hornblende gabbro, feldspathic pyroxenite.					Ag, Cu, Co, Ni, Au, Pd, Pt, S, As	Cobalt & Gowganda Mines Crystal Gold Mine, Red Rock, Rathbun, Ursa Major Shakespeare
		2470-2115	Upper Huronian	Cobalt Group	Bar River Formation	Orthoquartzite, Siltstone				
					Gordon River Formation	Siltstone				
		2454	Matachewan	Quartz Diabase-50-60%plag, 30% augite, 5-10%qtz, apat, py, po						
		2470-2115	Upper Huronian	Cobalt Group	Lorraine Formation	Arkose, Orthoquartzite				
					Gowganda Formation	Polymictic Conglomerate				
			Lower Huronian	Quirke Lake Group	Serpent Formation	Orthoquartzite				
					Espanola Formation	Greywacke, limestone				
	Bruce Formation			Limestone, siltstone						
Houge Lake Group	Mississagi Formation			Orthoquartzite						
	Percors Formation	Greywacke, argillite								
	Ramsey Lake Formation	Polymictic Conglomerate								
	Elliot Lake Group	McKim Formation	Greywacke, argillite							
		Matinenda Formation	Arkosic Quartzite							
		Livingstone Creek Formation	Feldspathic Quartzite							
	2490-2470	East Bull Lake Intrusive Suite	Anorthosite Gabbro Complex					Cu, Ni, Pd, Pt	East Bull Lake, River Valley	
Achean		>2500	Superior Province	Granite, metaseds & volcanics						

Table 3: Summary of Geological History in the Area of the Scadding Project

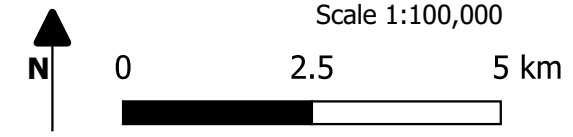


**Geology and Mineral Occurrences
Northern Sphere Mining Corp.
Scadding Project**

May 2019

Scale 1:100,000

◆ 2017 NSM Drill Hole Locations
▨ Scadding Property Outline May 2018



Formation:	Rock Type:	Description:
Olivine Diabase Dykes	Diabase	These dykes are dark in colour, coarse grained generally, strongly magnetic and have chilled margins (about 1m). Generally significant magnetite and olivine.
Nipissing Diabase	Gabbro	Medium to dark gray, slightly mottled with plagioclase, generally medium crystalline, massive.
Gowganda Formation	Paraconglomerate	Primarily a dark gray argillaceous matrix with ¼" to 6" heterolithic (generally granitic) matrix supported subrounded dropstones.
Serpent Formation	Chlorite Breccia	Dark green in colour, containing fragments of quartzite (commonly unaltered, but in some locations moderately altered by hematite). The chlorite matrix can also contain sulphide mineralization which is strongly associated with gold. Contact with the host quartzite is irregular.
	Carbonate Breccia	Commonly, the quartzite fragments within this unit are hematitically altered. The matrix is composed of sub-euhedral coarsely crystalline rhombohedral ankerite porphyroblasts.
	Quartzite	Massive quartzite is usually unaltered and light grey in colour. Beds are between 10 and 40cm and dip steeply towards the south.

Espanola Formation	Limestone	Fizzes strongly with hydrochloric acid, thinly laminated cream white calcareous bands separated by dark gray argillaceous bands..
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Table 4: Commonly encountered lithological units in the Scadding Project area

Style of Mineralization

Several varieties of mineralization occur in the area.

Hydrothermal Chlorite Breccia Gold Mineralization

Mineralization on the Scadding mine site seems for the most part, to be confined to the chloritic matrix in the unit logged as chlorite breccia. Fragments within the chlorite breccia are composed of quartzite from the Serpent formation. Gold grades are often greater when there is pyrite present in the chloritic matrix. Visible gold has been observed in core in areas with significant sulphide mineralization.

It has been suggested that the gold mineralization is mesothermal in character and can be classified with quartz-carbonate vein subtype of gold mineralization, although an IOCG style of mineralization has also been proposed. Chloritic alteration is associated with the gold mineralization and appears to be younger than the olivine diabase dykes but later than the hydrothermal sodium metasomatism in the area. There is a crude zoning of hydrothermal alteration near areas of known gold mineralization grading outward from green chlorite breccia with sulphide to pink hematitic alteration and finally a grey arenite with net-vein fabric. The breccias likely acted as both mechanical and chemical traps for the hydrothermal fluids. The transition from green to pink rocks likely represents a redox boundary which envelopes volumes of higher sulphide and gold content. Gold mineralization is hosted within the chlorite/sulphide rich central part of the zone. The mineralization at the Secret Showing appears to be of a similar style but with more localized areas of massive pyrite.

Hydrothermal Copper Gold Mineralization Associated with Nipissing Diabase

Quartz veining with associated iron carbonate and chalcopyrite have been noted within several areas within Nipissing Diabase. In general copper is more abundant than gold however gold has been known to occur in isolation within quartz veins in the area. Sometimes the chalcopyrite can be massive. Areas of this style of mineralization include the Alwyn Porcupine, the East Red Rock and the Inclined Copper Shaft. The area of the Glade occurrence seems to have limited chalcopyrite but visible gold was observed in the vein.

Magmatic PGM Mineralization within Nipissing Diabase

The Jerome Occurrence is a magmatic disseminated sulphide showing containing pyrrhotite, chalcopyrite and anomalous palladium and platinum.

Albite Metasomatism with Associated Iron Carbonate and Quartz Veins

Both the Johnson Road and Shouinard Showings are of this type. This type of alteration can be extensive in the area and has been noted at the Scadding Minesite as well as the Pole Line Showing. Gold mineralization has been found in association with this type of alteration.

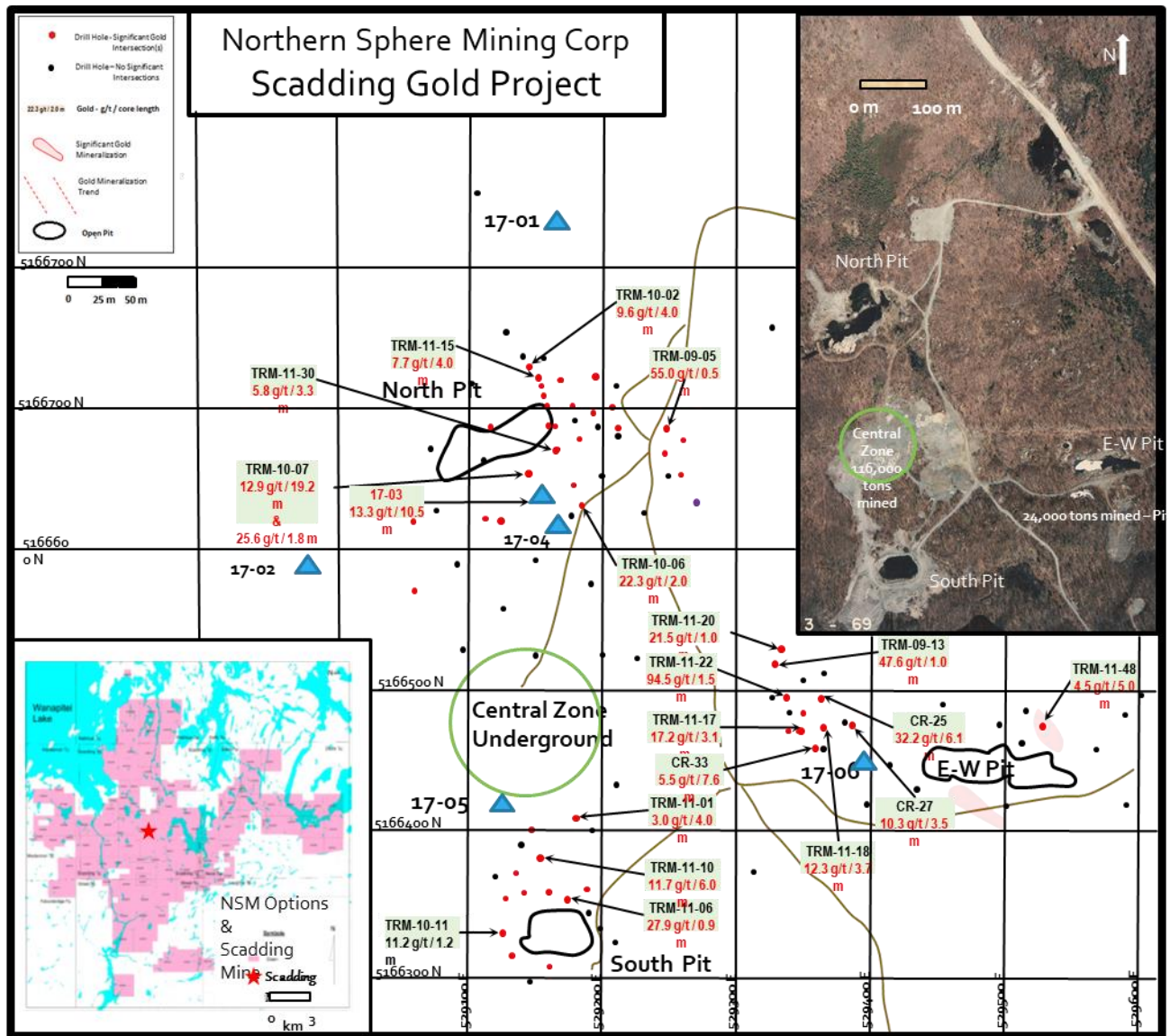


Figure 4: Historical Workings and Significant Drill Intercepts (Au g/t / m) at the Scadding Mine Area

Previous Work by Others

Regional Area

Numerous activities have been undertaken in the area of these claims, which extends from the late 1800's to the present. Some of this work is discussed in the sections that describe the work undertaken.

Scadding Minesite Area

The following is a summary of the key Property highlights as previously written by L.D.S. Winter, P.Geo. and later paraphrased or duplicated.

- Previous to Trueclaim Exploration Inc. operations, a total of 19,003 meters of diamond drilling in 221 surface holes have been drilled on the Property and most of this work was restricted to four mining claims.
- In 1980 P.C. McLean calculated a non-compliant resource for the Property of 539,049 tons containing 165,525 oz of gold which represented a grade of 0.307 oz gold per ton.
- The estimated resource base in 1983 was 152,895 tons at an estimated undiluted grade of 0.376 oz gold per ton which represents approximately 57,000 contained ounces. The Scadding Gold Mine produced approximately 914 kg of gold from 127,000 tonnes (t) of ore grading 7.2 g/t Au (29,400 ounces of gold from 139,742 short tons of ore grading 0.21 oz/ton) during the period 1984 to 1990 from three shallow open-cuts (North, East-West and South Zones) and underground development of the Central (Intermediate) Zone. The estimates from 1983 combined indicated and inferred categories which is not permitted under current CIM Reserve and Resource Standards as required by NI43-101. This information is historical data and should only be considered as such. It does not represent current resources compliant with CIM Standards as required by NI43-101.
- The Scadding Gold Mine was run as an extraction project without any attempt to build a sustained mining operation or to evaluate the potential of the Property.
- Previous to the Company's operations, the most recent work was carried out by JML Resources Ltd. in 2003. A preliminary drilling program confirmed the presence of gold at one of the known historic gold zones (North Zone) and confirmed that historic gold zones are associated with broad chlorite and albite-rich alteration envelopes. Geophysical surveys identified 7 distinct linear zones with historical gold development occurring on 3 of them.

Previous Work Performed by Trueclaim Exploration Inc.

The summary of work completed by Trueclaim Exploration Inc. is derived from assessment reports written by Lindsay Moss, Theresa Macmillan, and Robert Komarechka on behalf of Trueclaim Exploration.

The Scadding Property, now held by Northern Sphere Mining Corp., was held by Trueclaim Exploration Inc. from 2009 through to 2015. Work previously undertaken by Trueclaim Exploration Inc. over the study area has included:

- 1) An airborne geophysical survey in the spring of 2010 that included:
 - a) A triaxial gradient and total field magnetic Survey;
 - b) A radiometric survey for each of Thorium, Uranium and Potassium as well as a total count survey;
 - c) A triaxial VLF survey;
- 2) Prospecting undertaken in the area along the east boundary of the property as well as along a North-South trend to the south and north of the Scadding Gold Mine site.

Numerous samples were collected and assayed in this work. Only the samples related to prospecting at the east end of the property were received from the assay lab for this work and were submitted for assessment work. Assay results were not yet received from the lab when the other 4 prospecting reports were prepared. These prospecting reports referred to unreported assays and descriptions that are now included in this report;

- 3) Stripping located primarily on the Scadding Gold Mine site leases and one site to the south of the Minesite in the Tate quarry;
- 4) A Phase 1 diamond 30 hole 3,275 metre drill program was undertaken in the area of the Scadding Gold mine site leases from Nov.10, 2009 to Feb. 17, 2010;
- 5) Linecutting and a ground geophysical survey consisting of IP and magnetometer surveys over the Red Rock East, Jerome, Copper Shaft and Copper Shaft Areas;
- 6) On September 5, 2009 a one day field trip with sample collection was undertaken on the optioned claims of John Brady at the boundary of Street and Scadding township;
- 7) In the fall of 2010 from Oct. 1, 2010 to Oct. 22, 2010, a Sample Induced Polarization (SCIP) study was undertaken on core collected from the earlier Phase 1 diamond drill program (see earlier submitted assessment report on file with the MNDM). This work was undertaken on both auriferous and non-auriferous chlorite core and auriferous and non-auriferous pyrite bearing chlorite. This work was undertaken by Caracle Creek International Consulting Inc., Supervised by project geologist Lindsay Moss. A total of 253 SCIP readings were collected from 12 grab samples and 14 diamond drill holes;
- 8) In the fall of November 2010 to February 2011 an analysis of the geochemistry of the chlorite breccia encountered in the Phase 1 drill program at the Scadding Minesite. This work was undertaken by geochemist Adewara Oedwande P.hD., P.Geol. The geochemical database including ICP multielement analysis and the various gold assays was sent to Dr. Oedwande to make a determination if there were any geochemical clues or pathfinder elemental ratios that could be used to discriminate the auriferous chlorite from the nonauriferous chlorite;
- 9) To further examine areas of past workings areas of potential covered with overburden, 9 small stripping programs totalling 6,137 cubic metres were undertaken. Mechanically stripped areas included the Scadding Mine Site Area, the Alywn-Porcupine Mine site, the Red Rock East Property, the Jerome Platinum and Palladium showing, the Johnson Road Alteration Zone, the Shouinard Showing, the Secret Showing, the Glade Showing and the Inclined Copper Shaft. A total of 5,876 square metres was washed and mapped over all the areas, 1679 square metres being on the Scadding Minesite area. Much of this area was also examined in detail with a magnetic susceptibility metre. Some of this ground had previously been stripped or was exposed and was not excavated; and
- 10) A limited exploration diamond drill program of 20 holes totaling 2,165 metres of NQ core involving numerous moves was undertaken at several sites from October 22 to December 11, 2010 on the Scadding property. This diamond drilling was undertaken on staked and optioned claims and leases controlled by Trueclaim Exploration Inc. described as: 1. the Red Rock East Property, 2. the Jerome Platinum and Palladium Showing, 3. the Inclined Copper shaft, and 4. the Scadding Gold Mine Site.

The drilling was focussed on anomalously mineralized areas and on geophysical anomalies from a series of previous ground geophysical surveys undertaken by Trueclaim Exploration Inc.

Work Completed by Northern Sphere Mining Corp. for this Report

In the fall of 2017, Northern Sphere Mining Corp. contracted GoldSpot Discoveries Inc., to complete a comprehensive review and interpretation of existing geology and geophysics on the Scadding Property. This review primarily involved re-processing and re-interpreting a 2011 airborne magnetic, radiometric,

and VLF-EM survey flown over much of the current property for Trueclaim Exploration Inc. Goldspot inverted the 3-dimensional magnetic data and generated 3-dimensional models. These models show locations of dikes and other high magnetic susceptibility features in 3-dimensions which allowed them to better interpret the relationships of these features and previously identified mineralization that is present on the property. Goldspot also combined the total magnetic imagery with the first and secondary vertical derivative imagery in order to highlight structural features of interest. Lastly, Goldspot modelled existing drilling in 3-dimensions to compare with the 3-dimension modelled magnetics.

Observations

Several compelling observations were generated through this re-interpretation and targeting process.

High concentration of existing mineral occurrences are located along high magnetic signatures and inferred veins.

Correlation and patterns seem to exist between the radiometry data (potassium, uranium, and thorium), the magnetic data, and the inferred veins. There might be hidden patterns or/and correlation that might be associated with mineral deposits. It may be possible to utilize these data in such a way to complement the magnetic data by attempting to extract features and patterns that correlate with known deposits. If correlation exists, it might help guide the company for their next mineral exploration project. We might also be able to locate areas that may be favourable to additional mineral deposits. Machine learning may be used during the process depending on data assessment.

A number of additional maps and interpretations generated during this work are shown in appendices 1, 2, and 3.

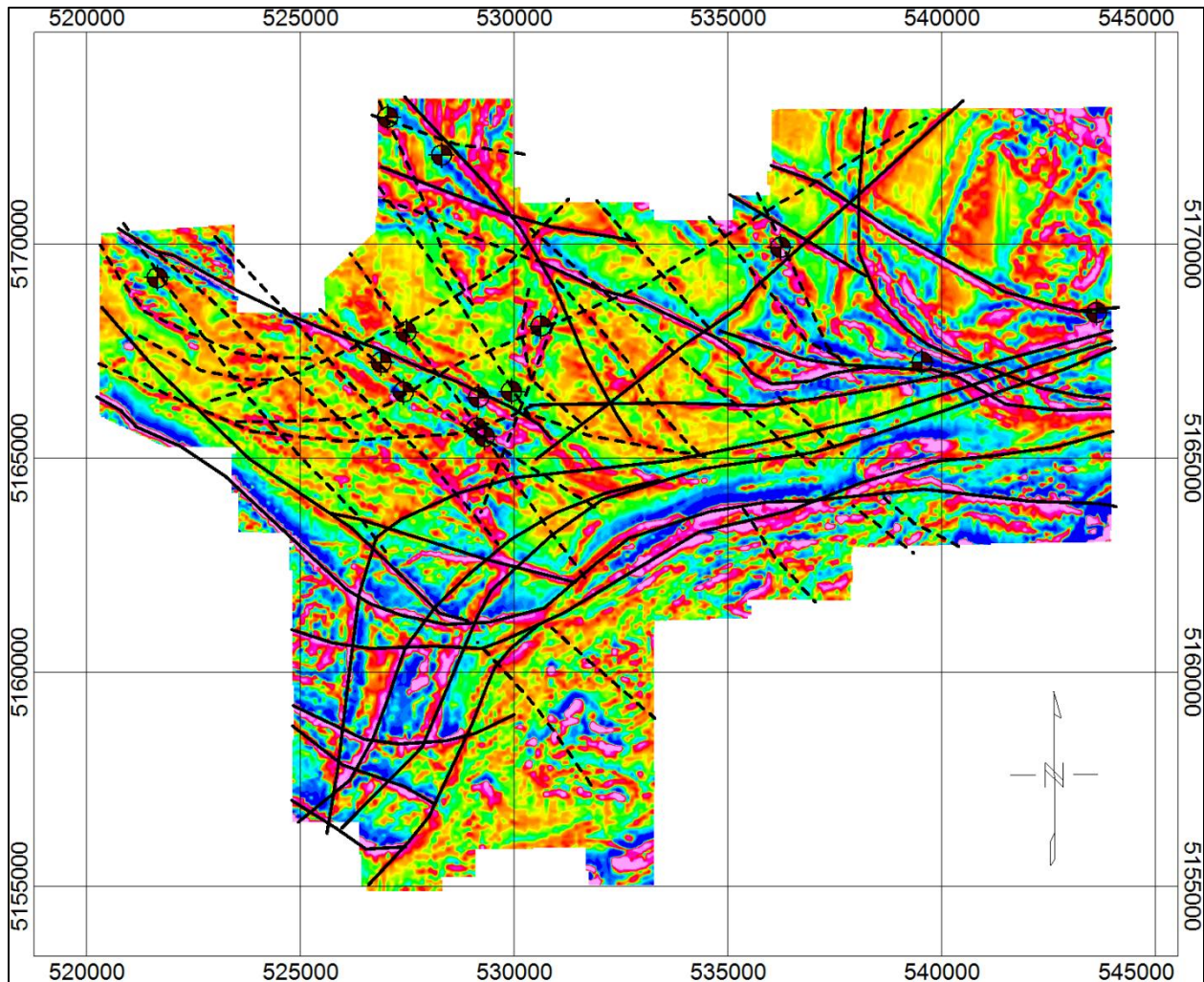


Figure 5: Structural lineaments identified during the re-interpretation. Note the coincidence of mineral occurrences (black pinwheels) at the intersection of NE and NW structures.

Conclusions and Recommendations

The ternary image combining the TMI, first and second vertical derivative maps highlights lineaments and helps to interpret structures. These refined maps further highlight the correlation between known mineralization and the intersections of primary NW-SE structures with interpreted secondary NE-SW structures. Circled in red on Figure 6 are additional prospective structural intersections, mainly hosted in prospective quartz-dominated metasediments of the Huronian Supergroup and in close spatial association with high magnetic mafic intrusions.

3-dimensional inversion of the magnetic data was useful in highlight diabase/intrusive body trends. Modelling of these diabase intrusions shows strong correlation to existing mineralization at the Scadding Mine. New parallel trends were identified elsewhere on the property that correlate well with historic showings and shafts.

The targets identified in Figure 6 warrant ground-truthing followup and possible diamond drilling if overburden conditions limit the effectiveness of prospecting and trenching.

GoldSpot also recommends that a standard airborne gravity survey be done. This allows for the creation of a 3D density model (through the process of 3D inversion). This model may explain the geological settings beyond what has been observed on the surface and in the magnetic data. In addition, gravity data may be used as an additional features for the data science and analytical analysis.

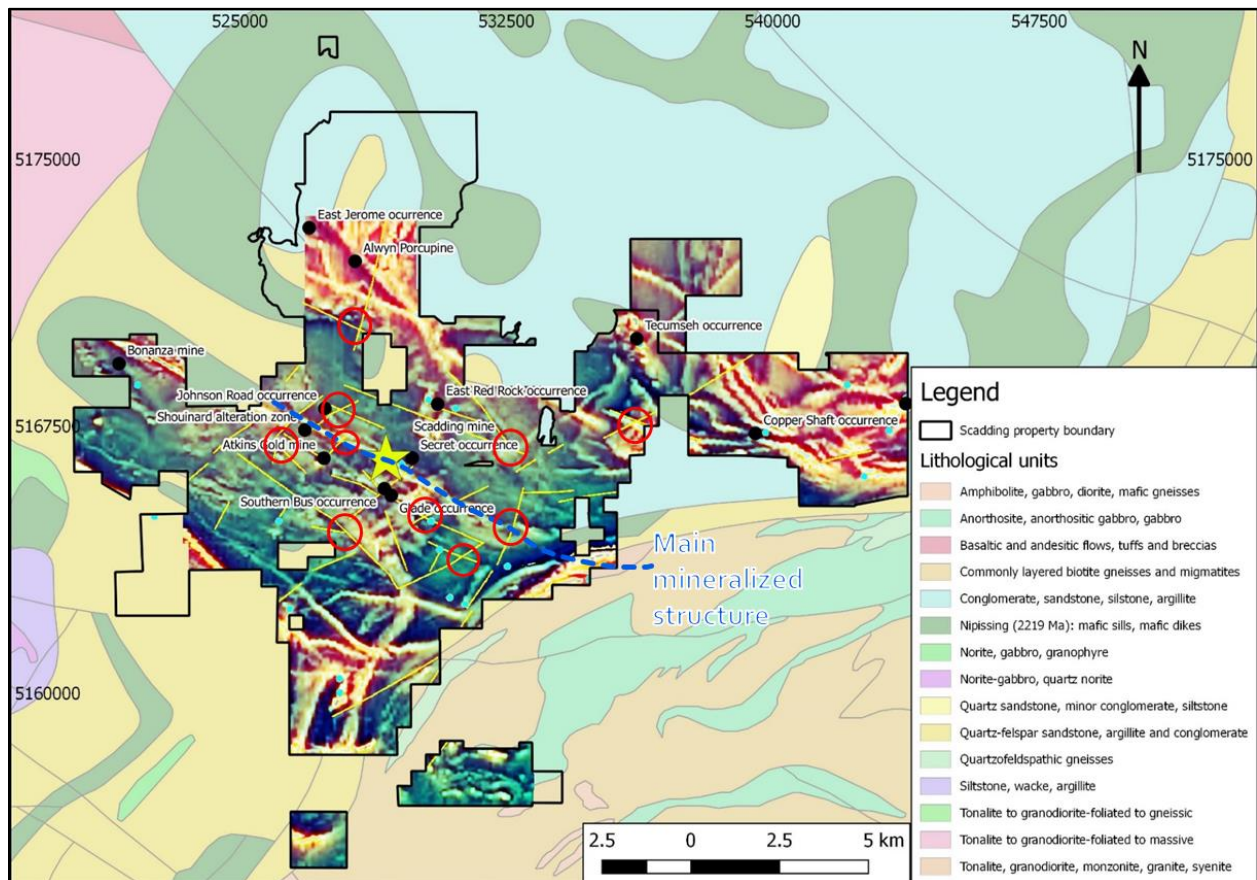


Figure 6: A number of additional mineral exploration targets identified following the geophysical and geological review, which occur at the intersection of NE and NW structures and often associated with a high-magnetic intrusion.

Personnel and Companies Involved in this Report

Kelly Malcolm, P.Geo., Interim CEO of Northern Sphere Mining Corp. and President of Generic Geo Inc.

Responsible for writing and reviewing this report.

GoldSpot Discoveries Inc.

Responsible for geophysical and geological review, modelling, and interpretation.

References

1. Much of this report was adapted or taken verbatim from Moss, L., MacMillian, T., and Komarechka, R., 2011, Report on Diamond Drilling, Sampling and Trenching, and Miscellaneous Activities on the Scadding Property undertaken by Trueclaim Exploration Inc. from March 2010 – Augu 3, 2011
2. There is a library of the internal reports, maps and drawings for the period 1973 to 1990 held by Paul C. McLean, South River, Ontario.
3. Bennet, G., Dressler, B.O., and Robertson, J.A., 1992, The Huronian Supergroup and Associated Intrusive Rocks, in The Geology of Ontario, Ontario Geologic Survey Special Volume 4, Part 1, p549-592,
4. Card, K.D. and Pattison, E.F., 1973 Nipissing diabase of the Southern Province, Ontario; in Huronian Stratigraphy and Sedimentation, ed. G.M. Young, Geological Association of Canada, Special Paper Number 12, pp. 7-30.
5. Collins, W.H., 1913 Geology of a portion of the Sudbury map-area south of Wanapitei Lake, Ontario; Geological Survey of Canada Summary Report.
6. Collins, W.H., 1914 Wanapitei Sheet, Map 124A; Geological Survey of Canada.
7. Dressler, B.O., 1980 Geology of the Wanapitei Lake Area, District of Sudbury, Ontario Geological Survey, Open File 5287.
8. Dressler, B.O., 1981 Massey Bay, Ontario Geological Survey Map 2541, Precambrian Geology Series, scale 1 inch to ½ mile, 1:31680, Geology 1978.
9. Fairbairn, H.W., 1939 Geology of Ashigami Lake, Ontario Department of Mines, Vol. XLVIII, Part X; 15 pp., including Map 48m, scale 1 inch to ½ mile, 1:31680.
10. Gates, B.I., 1991 Sudbury Mineral Occurrence Study; Ontario Geological Survey, Open File Report 5771, 235 p.
11. Hall, R.D., 2003 Scadding Gold Property at Sudbury, Ontario; for Currie Rose Resources Inc., 37 pp, 3 appendices.
12. Hill, W., 1983 Study of the Scadding Township Ore Reserves for Westfield Minerals Limited by Hill, Goettler de Laporte Limited, 28 p. 1 map.
13. Lapierre, K. and Wood, P.C., 2004 Report on the Scadding Gold Property, Scadding Township, Sudbury Area, Ontario for JML Resources Ltd., 51 p., 2 Vol.
14. Martins, J.M, et al., 1979 McLean-Watt Gold Property; in Gold Deposits of Ontario, Part 2: Part of District of Cochrane, Districts of Muskoka, Nipissing, Parry Sound, Sudbury, Timiskaming and Counties of Southern Ontario, Ontario Ministry of Natural Resources, pp. 111-116.
15. Meyer, W., 1995 Exploration Potential in the Sudbury Area; in Ontario Canada Explore the Opportunities, Mines and Minerals Division, Ontario Ministry of Northern Development and Mines, p. 16.
16. Roscoe, S.M., 1969 Huronian Rocks and Uraniferous Conglomerates in the Canadian Shield; Geological Survey of Canada, Paper 68-40.

17. Schandl, E.S. and Gorton, M.P 2007 The Scadding Gold Mine, East of The Sudbury Igneous Complex, Ontario: An IOCG-Type Deposit?; *The Canadian Mineralogist*, Vol. 45, pp. 1415-1441 (2007) 607.
18. Schandl, E.S., Gorton, M.P and Davis, D.W., 1994 Albitization at 1700 ± 2 Ma in the Sudbury–Wanapitei Lake area, Ontario; implications for deep-seated alkalic magmatism in the Southern Province; *Can. J. Earth Sci.*, vol. 31, pp. 597-607.
19. Thompson, J.E., 1961 MacLennan and Scadding Townships, Ontario Department of Mines Report No. 2; including Map 2009, scale 1 inch to $\frac{1}{2}$ mile, 1:31680.
20. Thompson, J.E., 1961 MacLennan and Scadding Townships, Ontario Department of Mines Report No. 2; including Map 2009, scale 1 inch to $\frac{1}{2}$ mile, 1:31680.
21. Winter, L.D.S., June 22, 2009, Technical Report NI 43-101 on the Scadding Gold Property, Scadding Township, District of Sudbury, Ontario for Trueclaim Exploration Inc.

CERTIFICATIONS

As author responsible for this report entitled "Interpretive Geophysical Assessment Report, Airborne Magnetics and Tuned Gradient /Insight Section DCIP Surveys, on the Burt Gold Property, Matachewan, Ontario", I certify that:

1. I am the Interim CEO of Northern Sphere Mining Corp. and am President of a geological consulting firm headquartered in Toronto called Generic Geo Inc.;
2. I hold the following academic qualifications: h.B.Sc. (Geology) Laurentian University, 2014.
3. I am a registered Professional Geoscientist with the Association of Professional Geoscientists of Ontario (No. 2864) and a member in good standing.
4. I have worked as a geologist in the mining and exploration industry for 5 years.
7. I am not aware of any material fact, or change in reported information, in connection with the subject property, not reported or considered by me, the omission of which makes this report misleading.

Dated this 5th day of May, 2019

"Kelly Malcolm" (signed)

Kelly Malcolm, P.Geol.

APPENDIX 1: Goldspot Structural Review of 2011 Airborne Magnetics

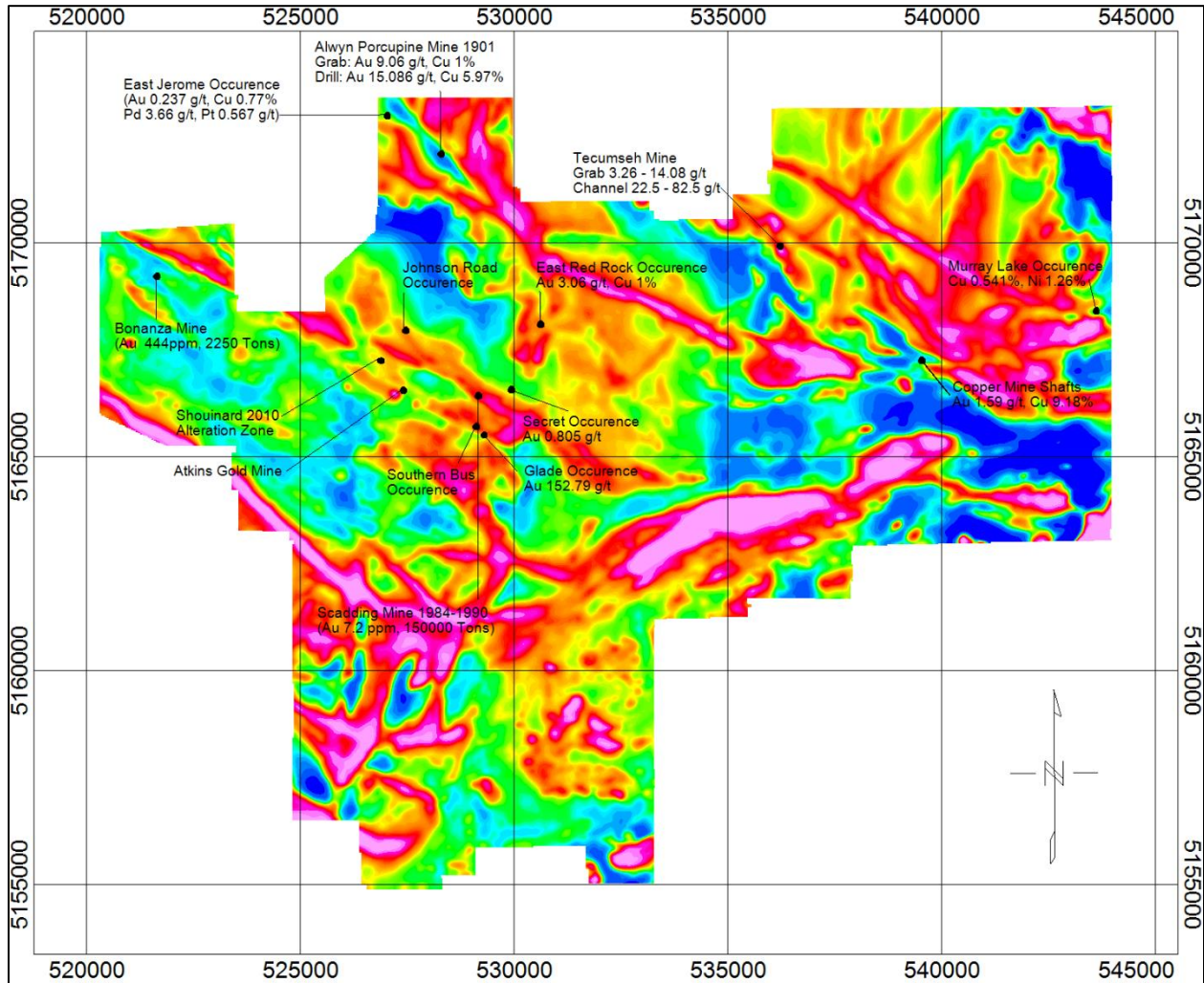


Figure 7: TMI Magnetics with known mineral occurrences

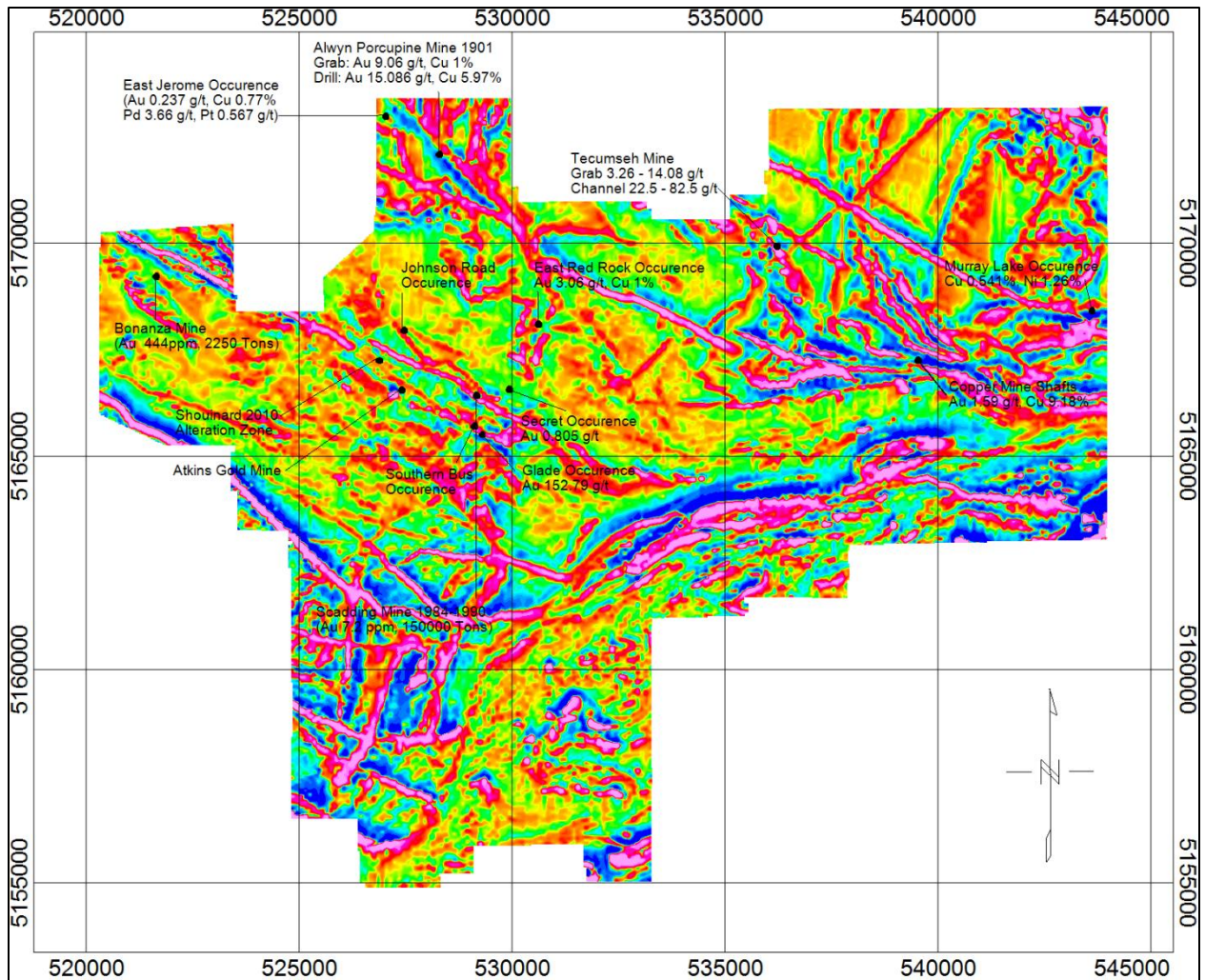


Figure 8: First Vertical Derivative Magnetics with known mineral occurrences

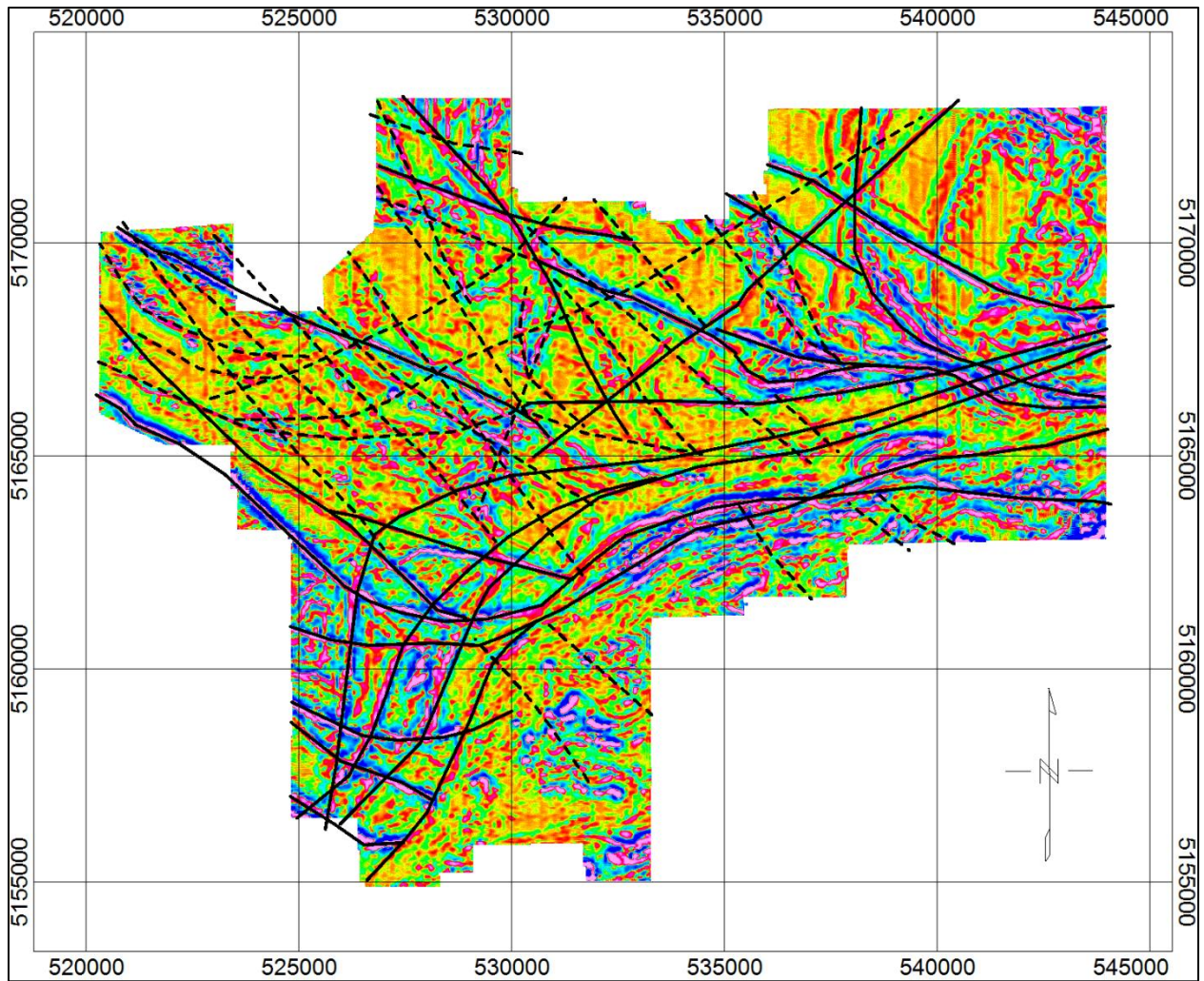


Figure 9: Second Vertical Derivative Magnetics with Interpreted Structures

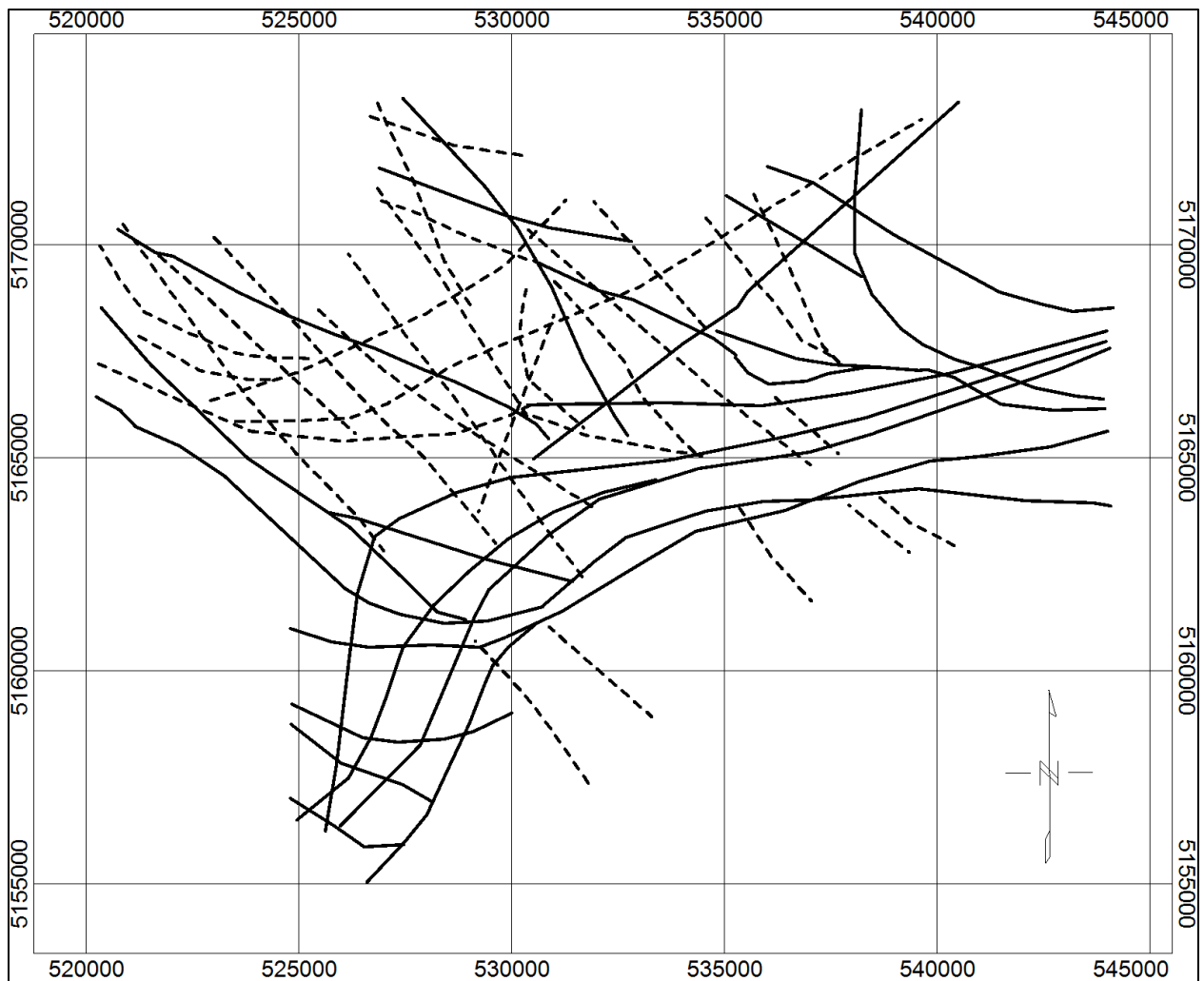


Figure 10: Interpreted Structures

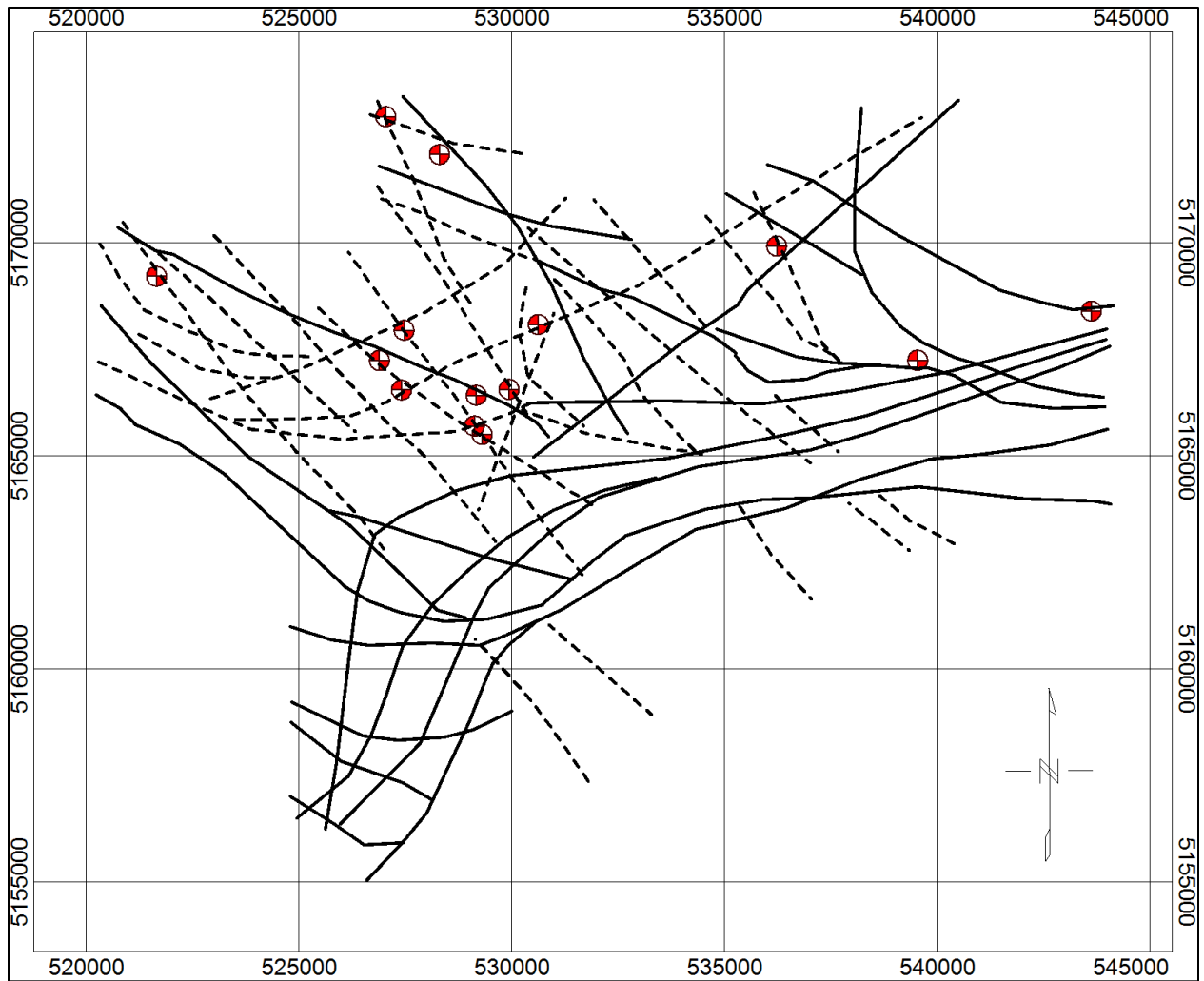


Figure 11: Interpreted Structures with known mineral occurrences (red & white pinwheels)

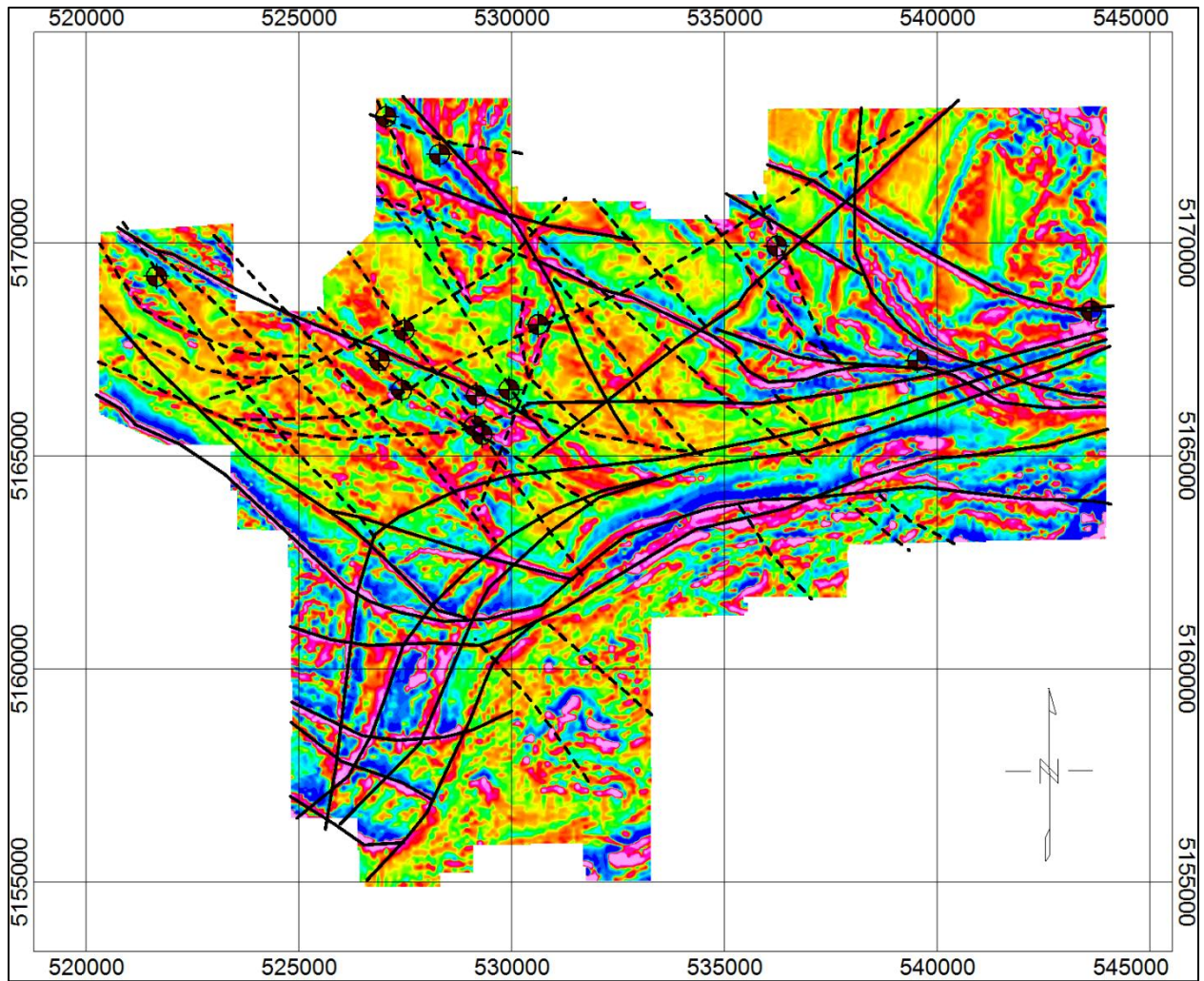


Figure 12: First Vertical Derivative with Interpreted Structures and known Mineral Occurrences (black pinwheels)

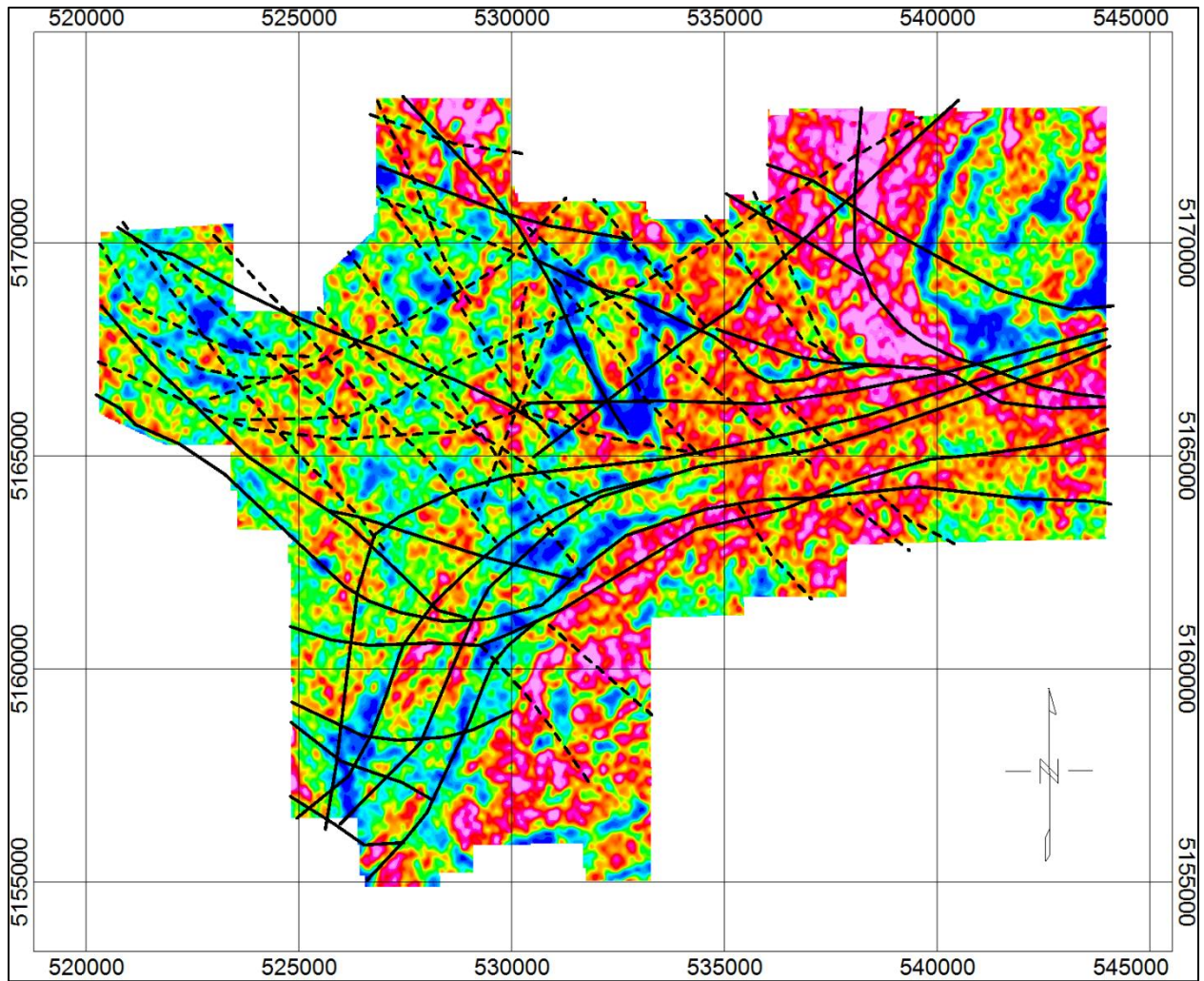


Figure 13: Uranium Radiometry data with Interpreted Structures

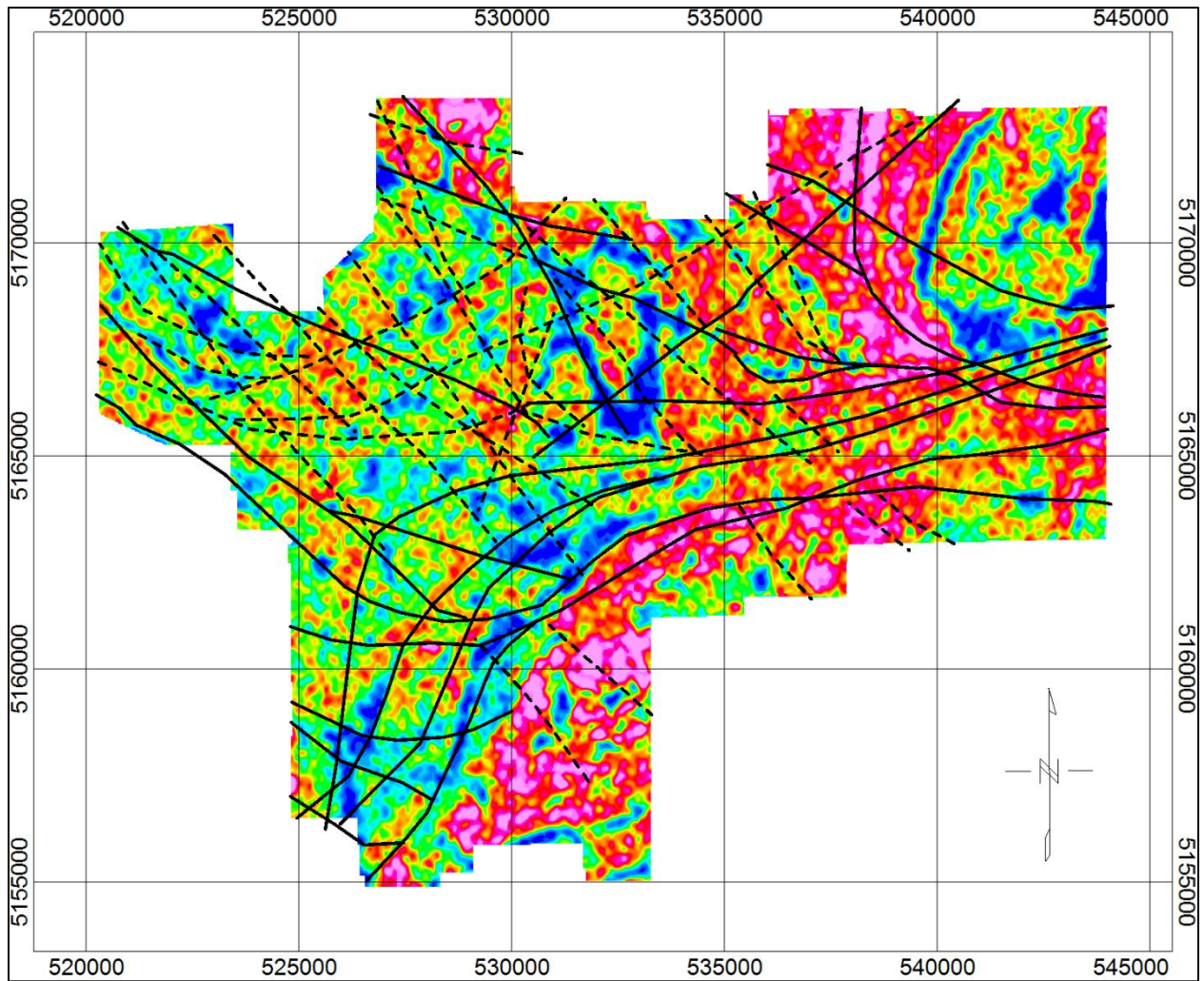


Figure 14: Thorium Radiometry data with Interpreted Structures

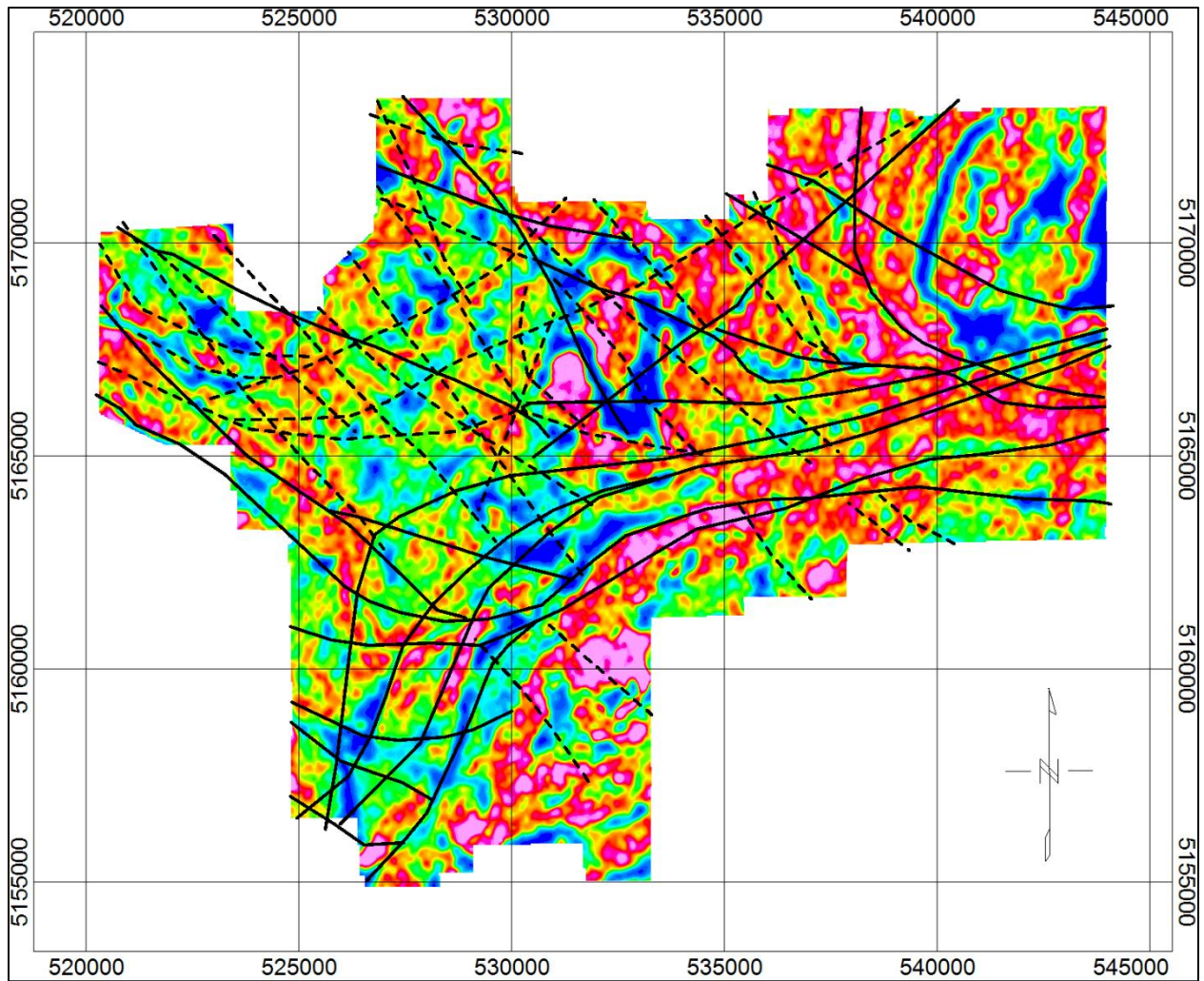
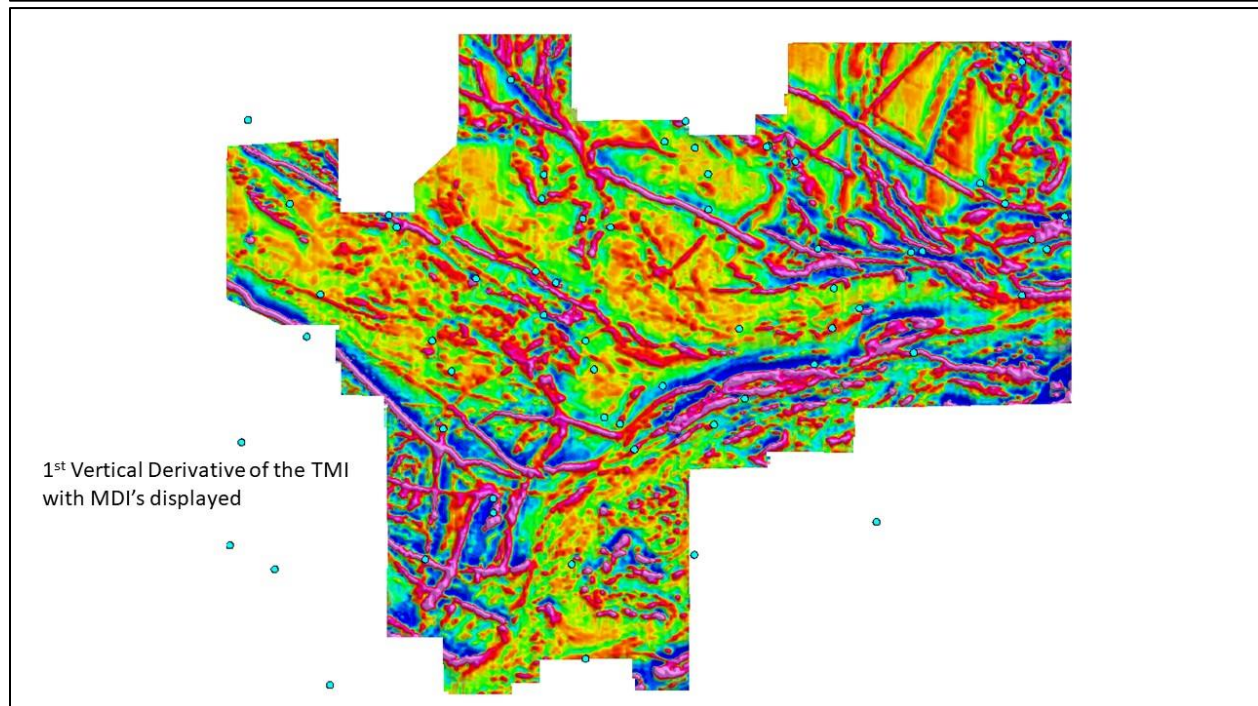
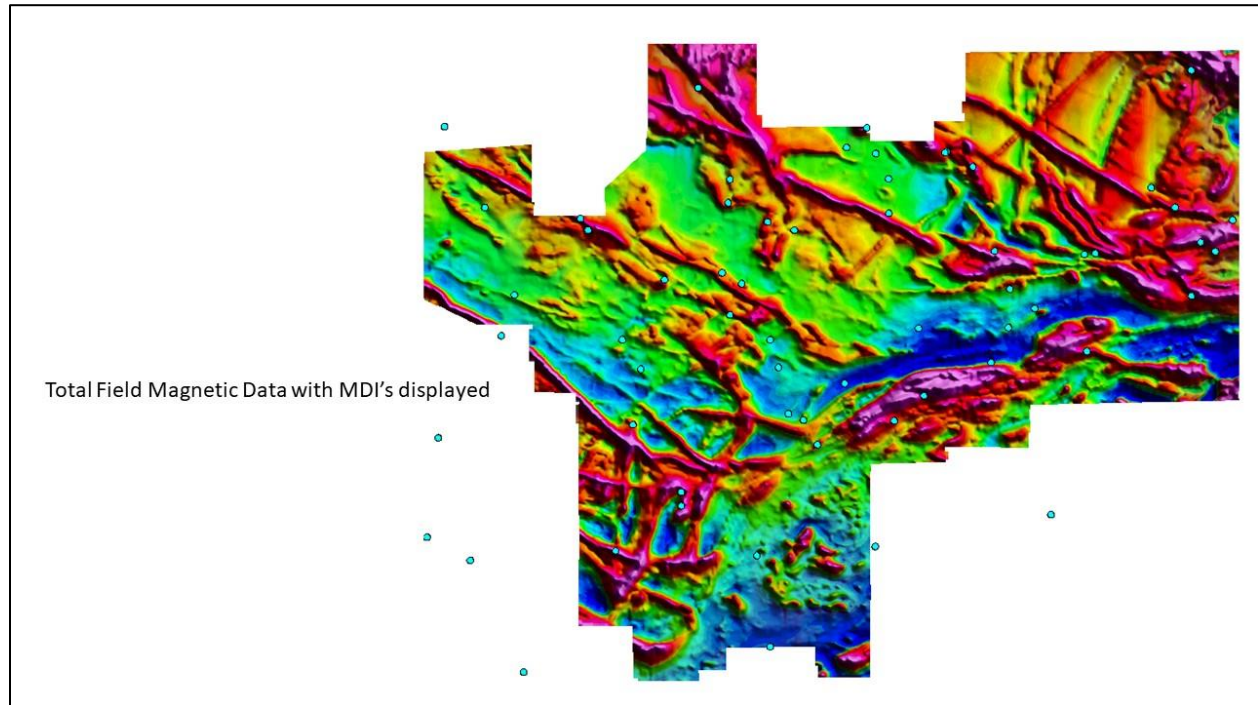
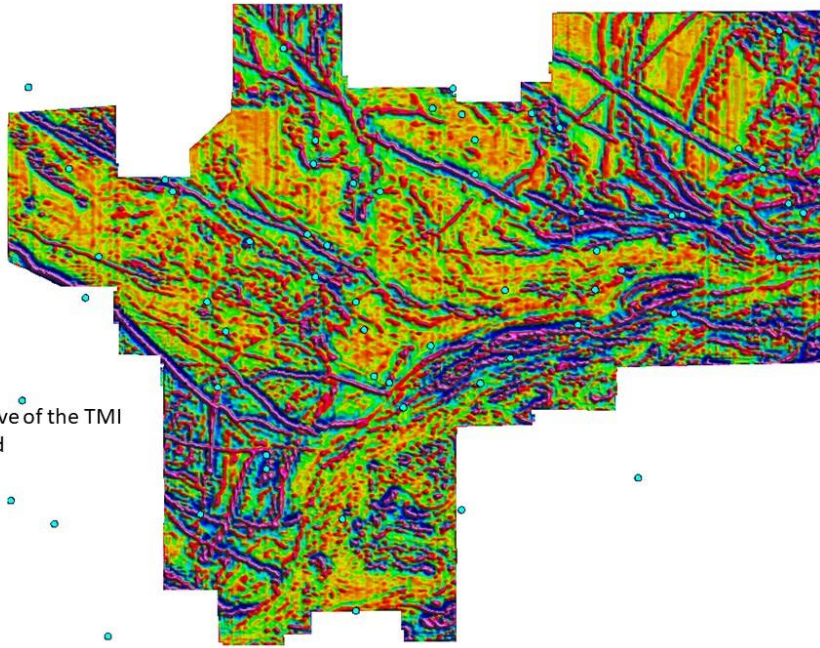


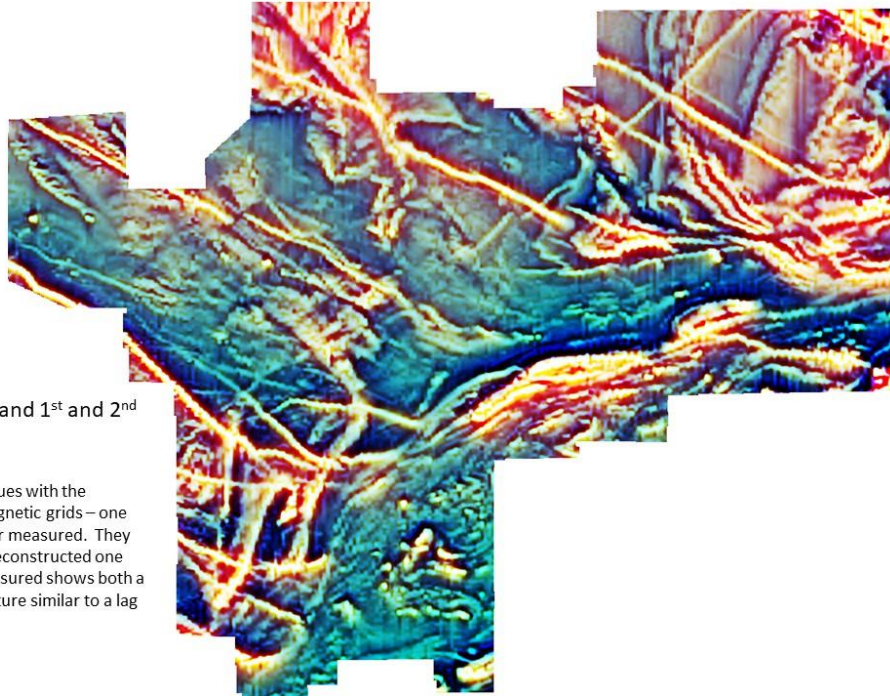
Figure 15: Potassium Radiometry data with Interpreted Structures

APPENDIX 2: Magnetic Modelling and Merging and Discussion



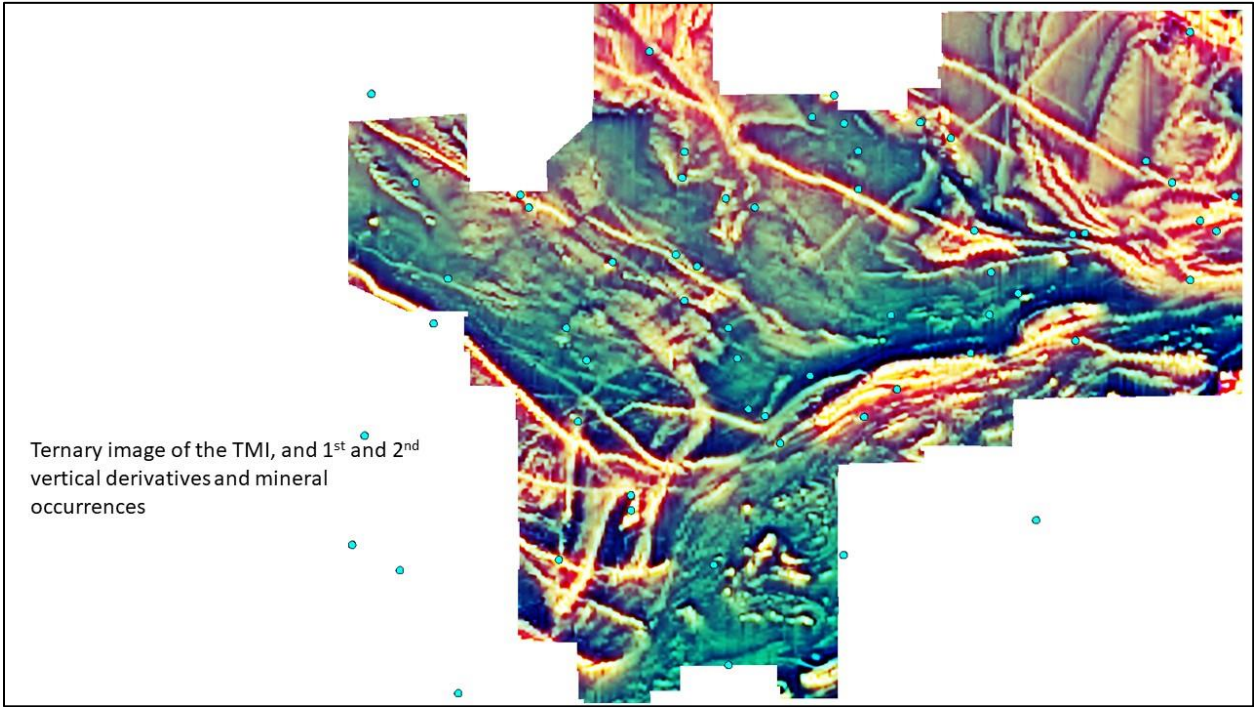
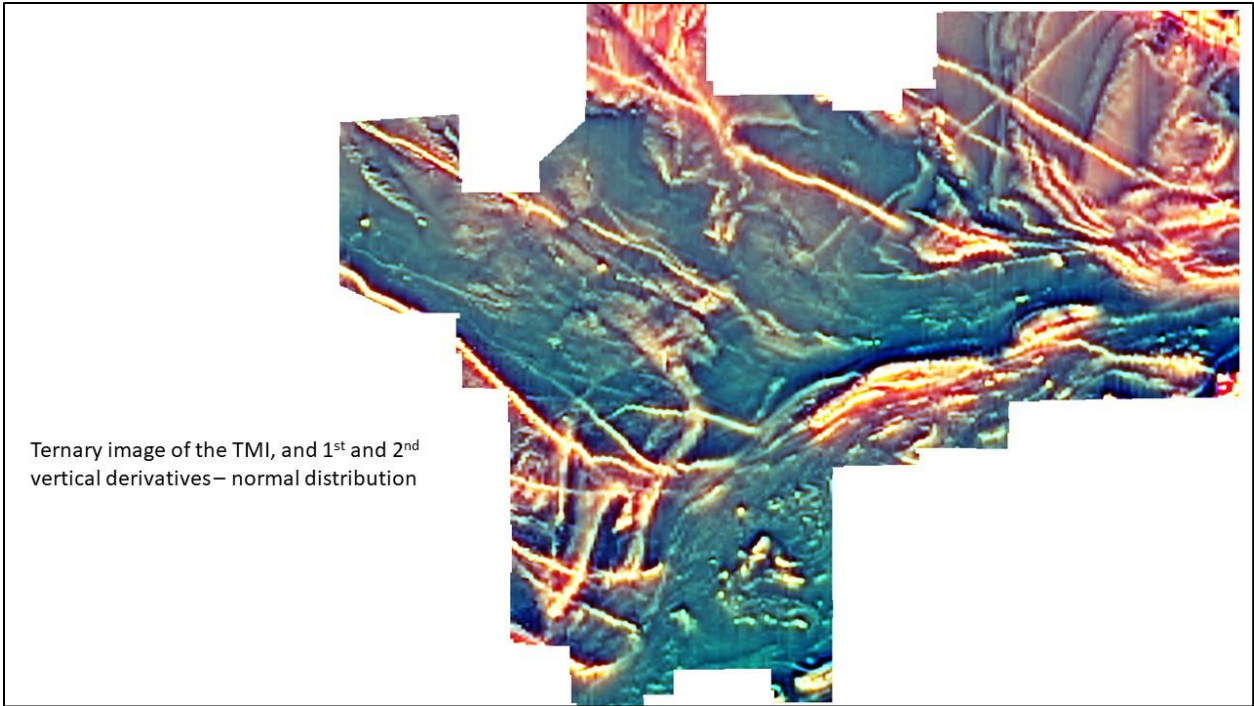


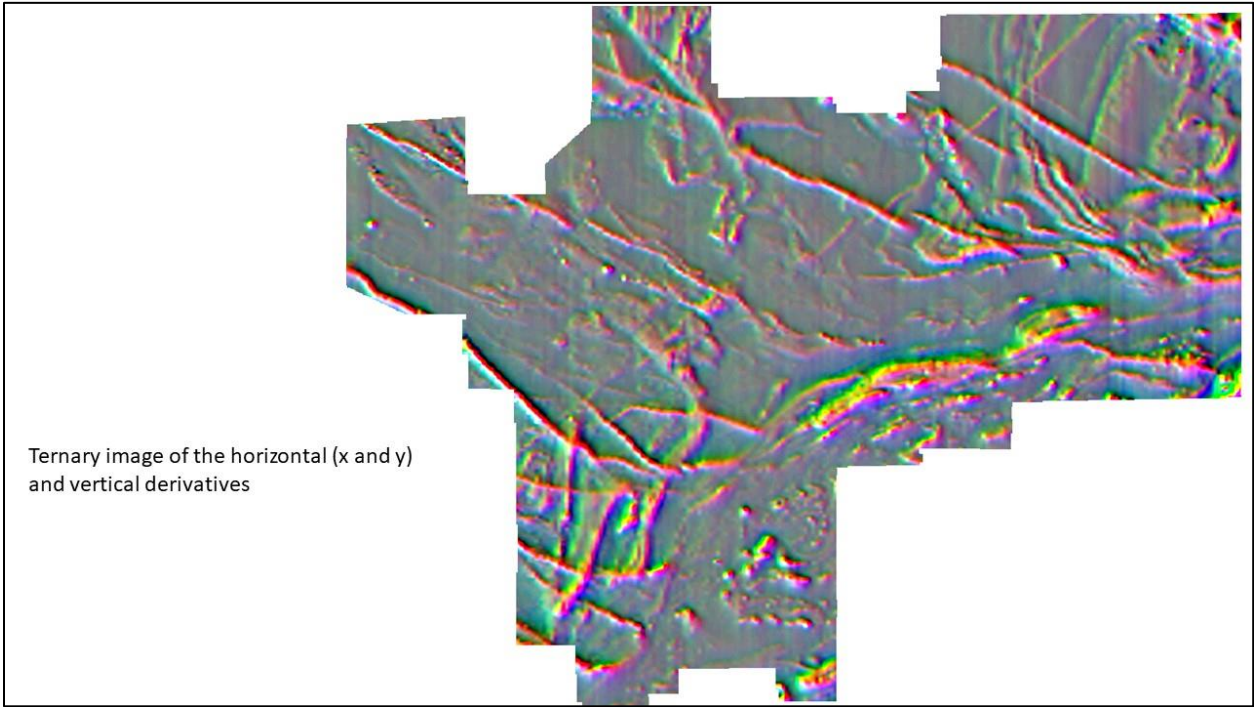
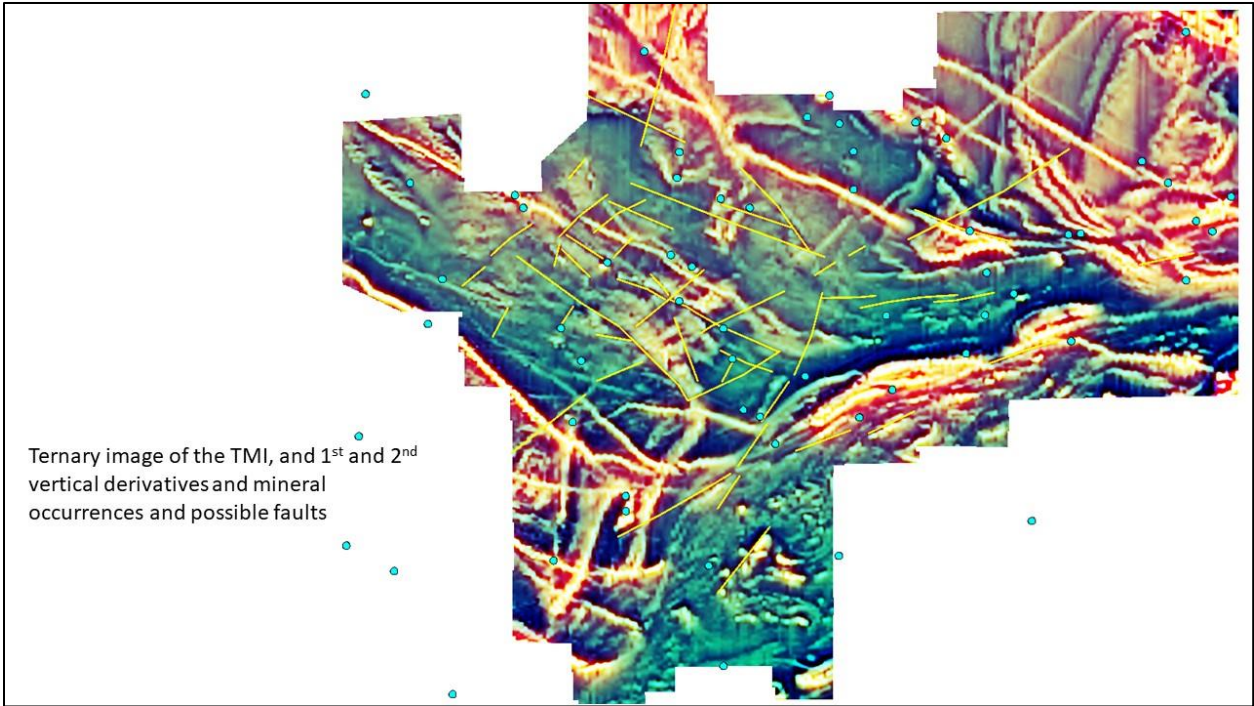
2nd Vertical Derivative of the TMI
with MDI's displayed



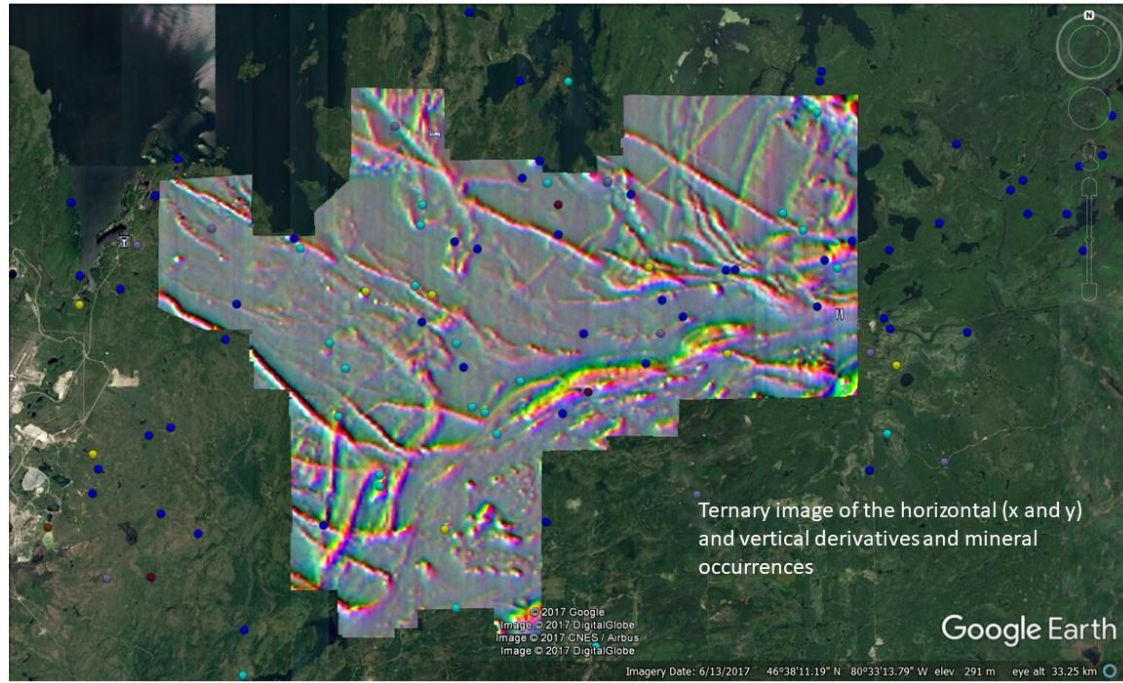
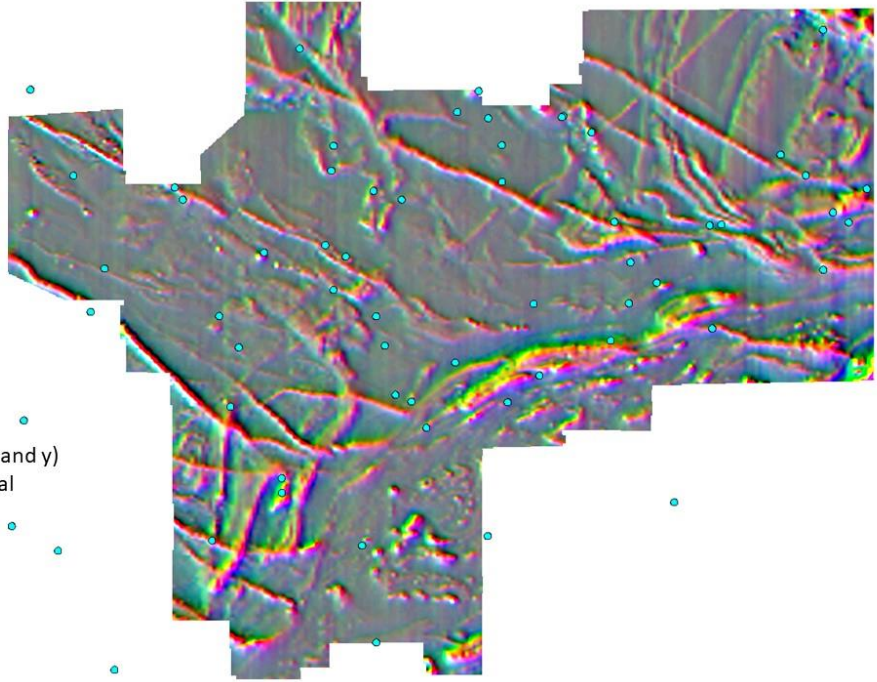
Ternary image of the TMI, and 1st and 2nd
vertical derivatives

As you can see there are some issues with the magnetic data. There are two magnetic grids – one called reconstructed and the other measured. They both have some problems – the reconstructed one has more levelling issues, the measured shows both a levelling problem and a zig zag nature similar to a lag or heading error.....





Ternary image of the horizontal (x and y)
and vertical derivatives and mineral
occurrences

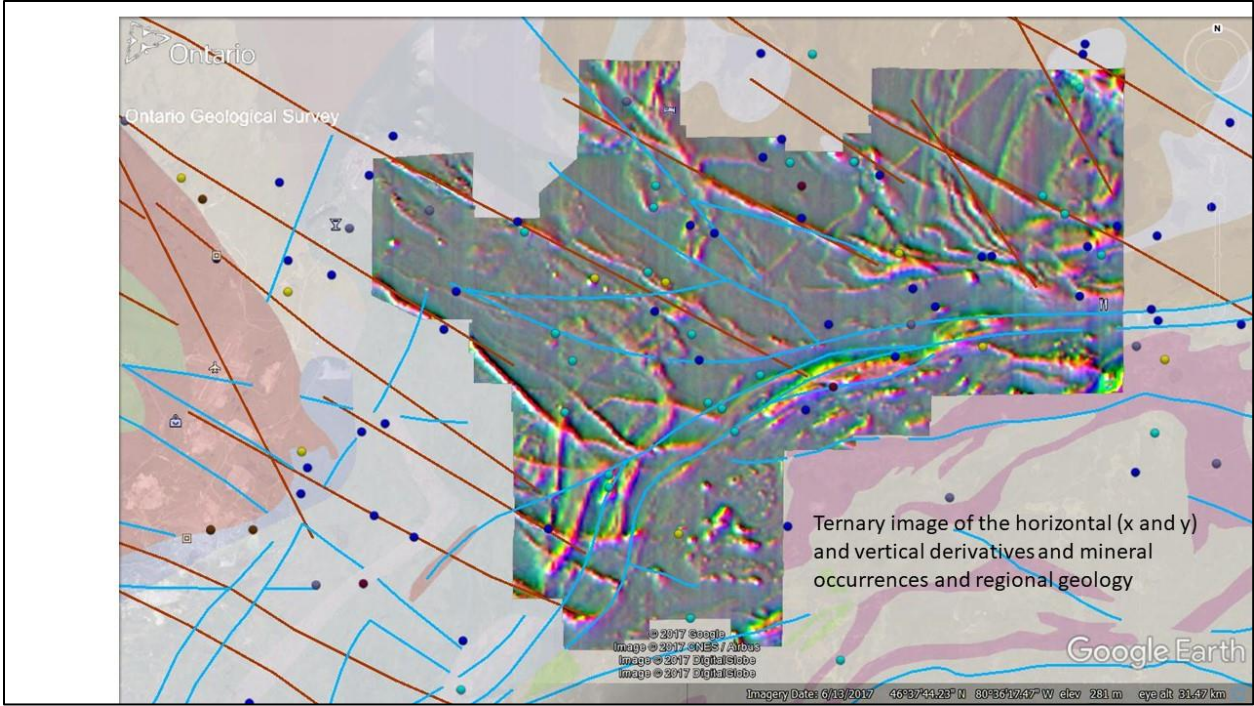


Ternary image of the horizontal (x and y)
and vertical derivatives and mineral
occurrences

Google Earth

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Image © 2017 DigitalGlobe
Image © 2017 CNES / Airbus
Image © 2017 DigitalGlobe

Imagery Date: 6/13/2017 46°38'11.19" N 80°33'13.79" W elev. 291 m eye alt 33.25 km



APPENDIX 3: Scadding Drilling with Modelled Diabase Dykes

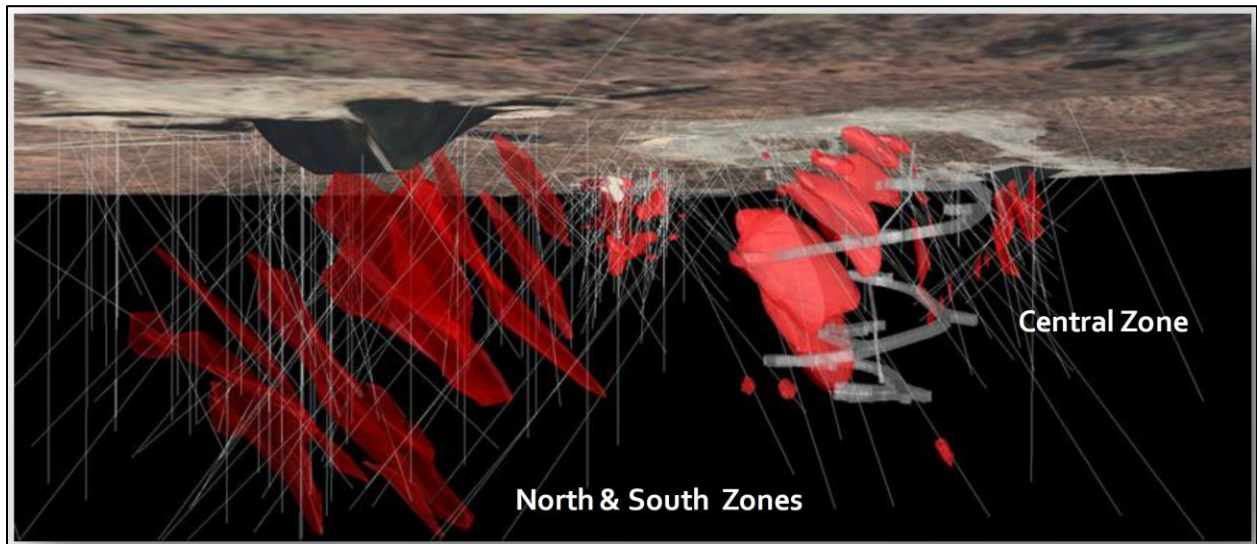


Figure 16: 3D modelled Au-bearing zones at the Scadding Mine area

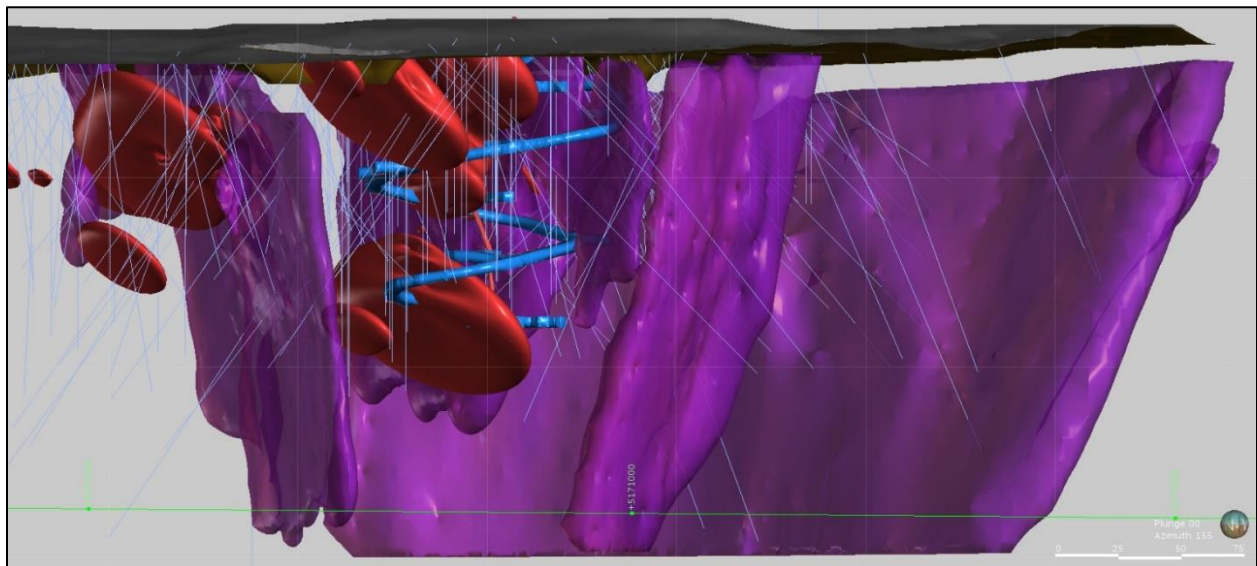


Figure 17: 3-D modelled drilling, gold mineralization, and its relationship to diabase dikes (purple)

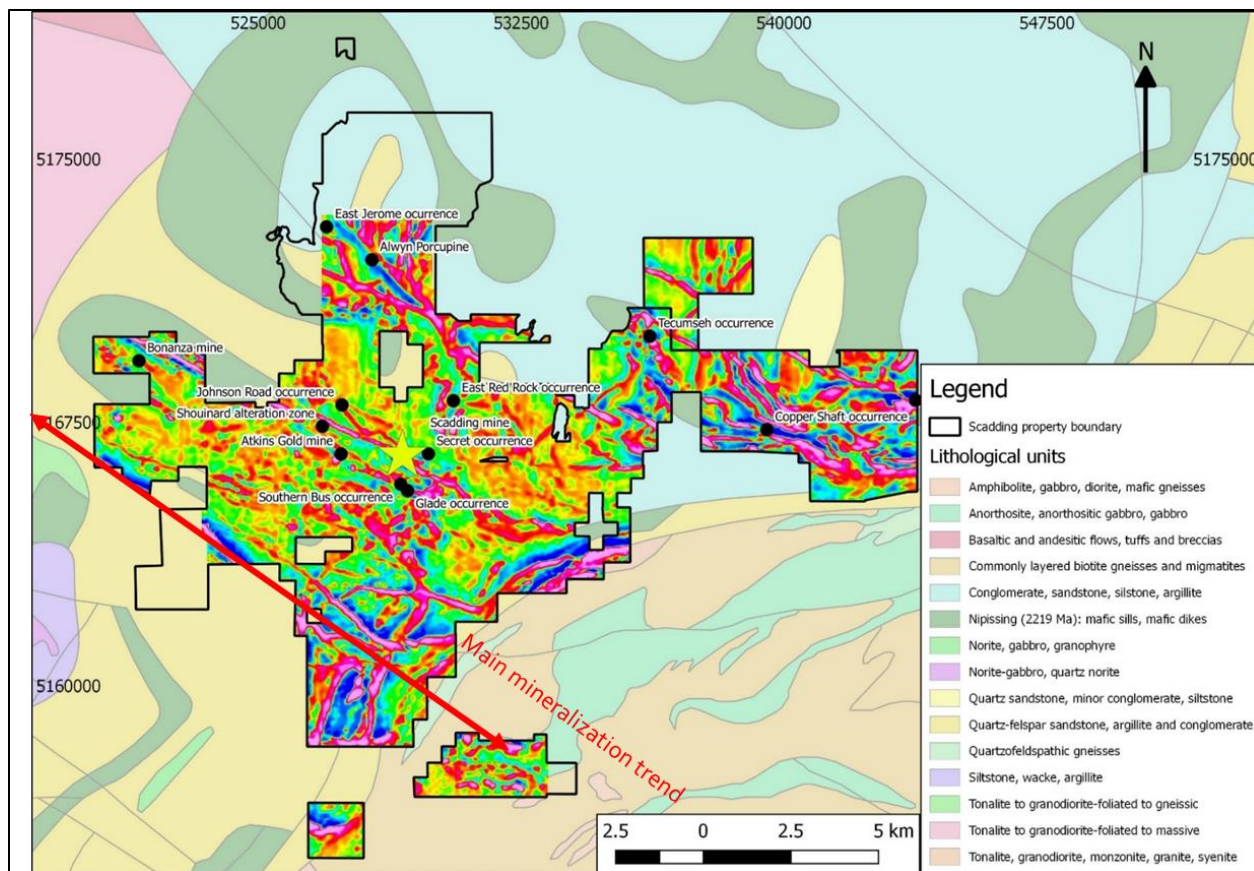


Figure 18: Overview of the Scadding property geophysics, showings, and main mineralization trend

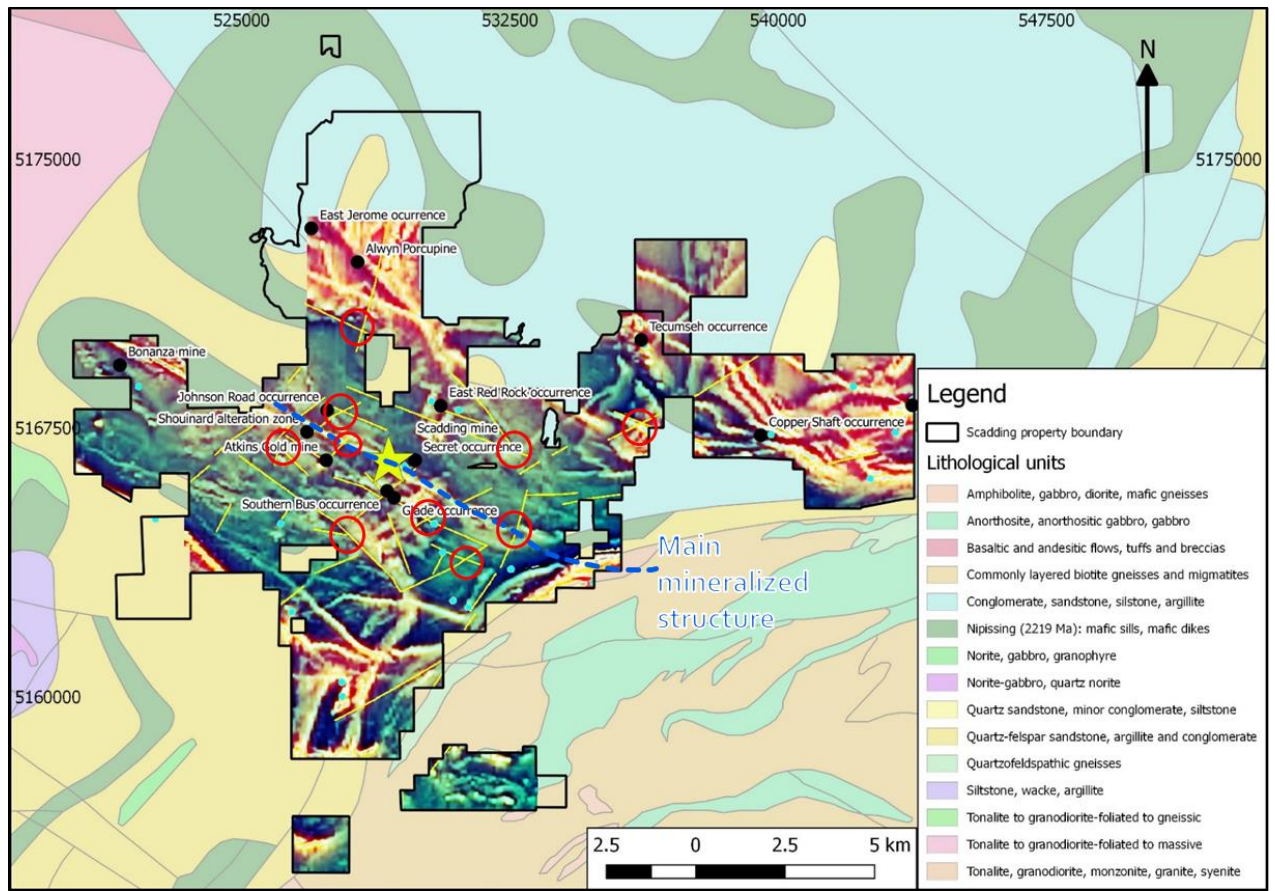


Figure 19: Ternary magnetics with identified additional mineral exploration targets as defined by intersecting primary and interpreted structures

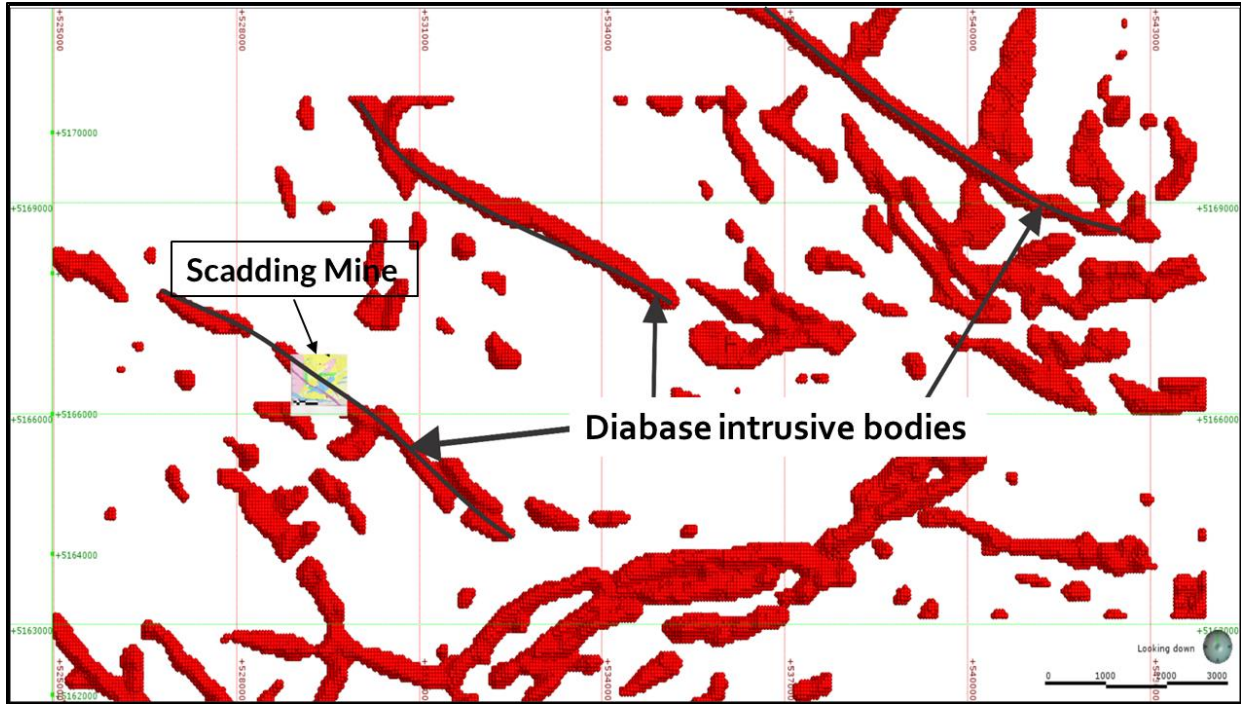


Figure 20: Modelled diabase intrusions, showing the relationship with the Scadding Mine and additional similar trends elsewhere on the Property

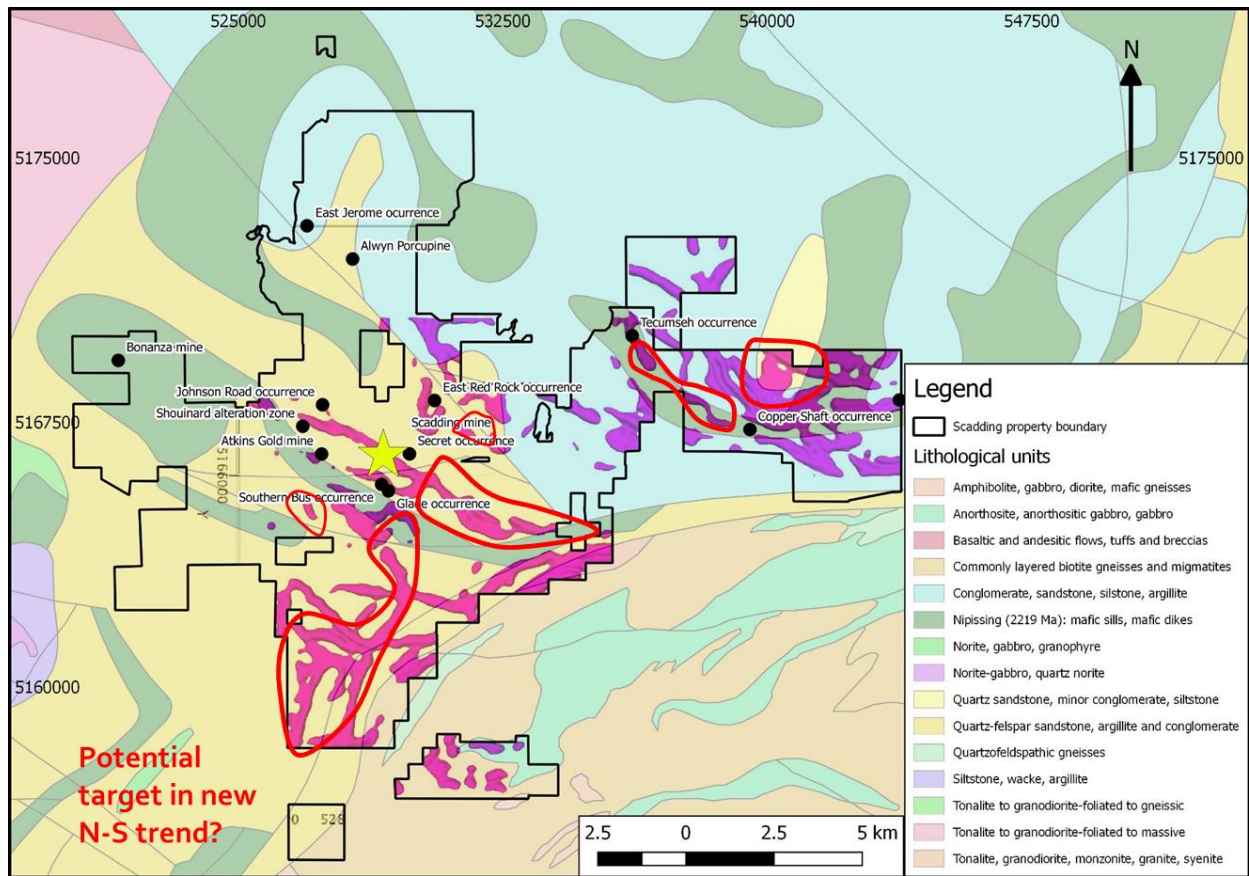


Figure 21: Additional diabase-related trends that share similar characteristics to the Scadding Mine that may be prospective for mineralization