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ASSESSMENT REPORT

on the

Gerry-Joy, Copperlode West blocks

Confederation Belt

Gerry Lake & Fredart Lake Area,

Red Lake Mining Division, NW Ontario

NTS052N & 052K

TRILLIUM GOLD MINES INC.

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SUMMARY

In the summer of 2021, Trillium Gold Mines Inc., (hereafter 'TGM') completed a reconnaissance field programme on the Joy, Gerry Lake, Copperlode properties located within the Confederation greenstone belt. This programme involved prospecting, prospect (reconnaissance) mapping, geochemical anomaly ground truthing, accurately locating historical drill holes, and creating a new 2D-3D stratigraphy model of relocated diamond drill holes. This work was carried out over 38 days.

Historical diamond drill hole data was compiled for the Joy and Diamond Willow zones and used to update and correct where necessary, any discrepancies within the company's drill hole database and subsequently, to create a new 3D model of those zones. A total of 12 samples were sent for gold analysis from chert magnetite iron formations within historical drill hole GL98-2.

A total of 28 rock samples were collected while prospecting on the Joy, Gerry Lake, and Copperlode properties. All rock samples were photographed with a GPS enabled camera showing a visible sample tag and again located using a handheld Garmin 76Csx. Approximately 80% of all rock samples and field observations were geotagged. A total of 171 field photos and 51 rock and drill core sample photos were collected.

A number of geochemical anomalies outlined by a previous soil gas hydrocarbon survey run by TGM were field checked. On the Gerry-Joy property, results from the two westernmost SGH grids returned gold anomalies over known and suspected gold mineralisation, confirming the SGH method is a viable tool for exploration in the region. This work was carried out over five days.

All SGH grids east of the two westernmost (orientation) grids were prospected, with SGH anomalies unexplained and no outcrops located in the vicinity of any favourable SGH gold signature.

Several areas on Copperlode were prospected, in part covering several SGH anomalies. The anomalies/signatures were not explained, with no outcrops located in their vicinity. Several other anomalies remain unexplored and require ground-truthing.

Elsewhere on Copperlode, prospecting south and east of several SGH anomalies revealed several small to expansive exposures of tonalite, leucogranodiorite, metadiorite, alkali feldspar altered tonalite and minor metagabbro and intermediate to mafic volcanic rocks and rare garnetiferous ?-metasediments.

Much of the south and central portions of Copperlode are probably underlain by tonalite/granodiorite, diorite, gneissic equivalents, metagabbro and limited extent altered gabbros, verifying previous work by Phelps Dodge and Noranda. The associated high magnetic signatures are likely all related to relative magnetite content in altered gabbros rather than iron formation, though this is based on very limited surface evidence.

No sulphide mineralisation in outcrop was located.

Nearly all the terrain is covered by variably conductive fluvioglacial to fluviolacustrine (outwash and deglaciation) sediments. Recent logging has exposed outcrop in several areas, providing additional information on the underlying geology.

It is recommended prospecting and mapping of the properties be continued to further delineate important structures, this with the aid of the TGM airborne survey. Prospecting and mapping should focus on identifying gold-bearing structures, lithological boundaries and alteration patterns.

More work should be applied to accurately locate historical diamond drill collars because there is the potential to identify gold-bearing structures from historically developed VMS-deposits (example Arrow Zone) within the Joy, Gerry Lake and Copperlode West property. Whole rock geochemistry and geochronology may be an important tool that can help identify prominent lithostratigraphic domains associated with the Women River (±Balmer affinity) and Confederation volcanic rocks.

INTRODUCTION

This report covers prospecting and sampling of several areas of the Gerry-Joy, Copperlode, Magrum East blocks and characterisation of several geochemically anomalous grids defined by previous SGH sampling on Gerry-Joy and Magrum East blocks.

Results and investigations are discussed, and recommendations made for future work.

1. PROPERTY DESCRIPTION

1.1 Property Location

The Joy, Gerry Lake and Copperlode West property is located 50 kilometres southeast of Red Lake, Ontario, and 32 kilometres northeast from Ear Falls, Ontario (Figure 1). The Joy property is accessible by vehicle from the Wenasaga and Snake Falls Rd. Access to the western side was achieved by driving south along Highway 105, turning east at Snake Falls Rd, and then turning south on Moraine Rd for four kilometres to reach the property boundary. Access to the centre portion of the Joy and Gerry Lake property can be achieved by traveling northeast on the Wenasaga road.

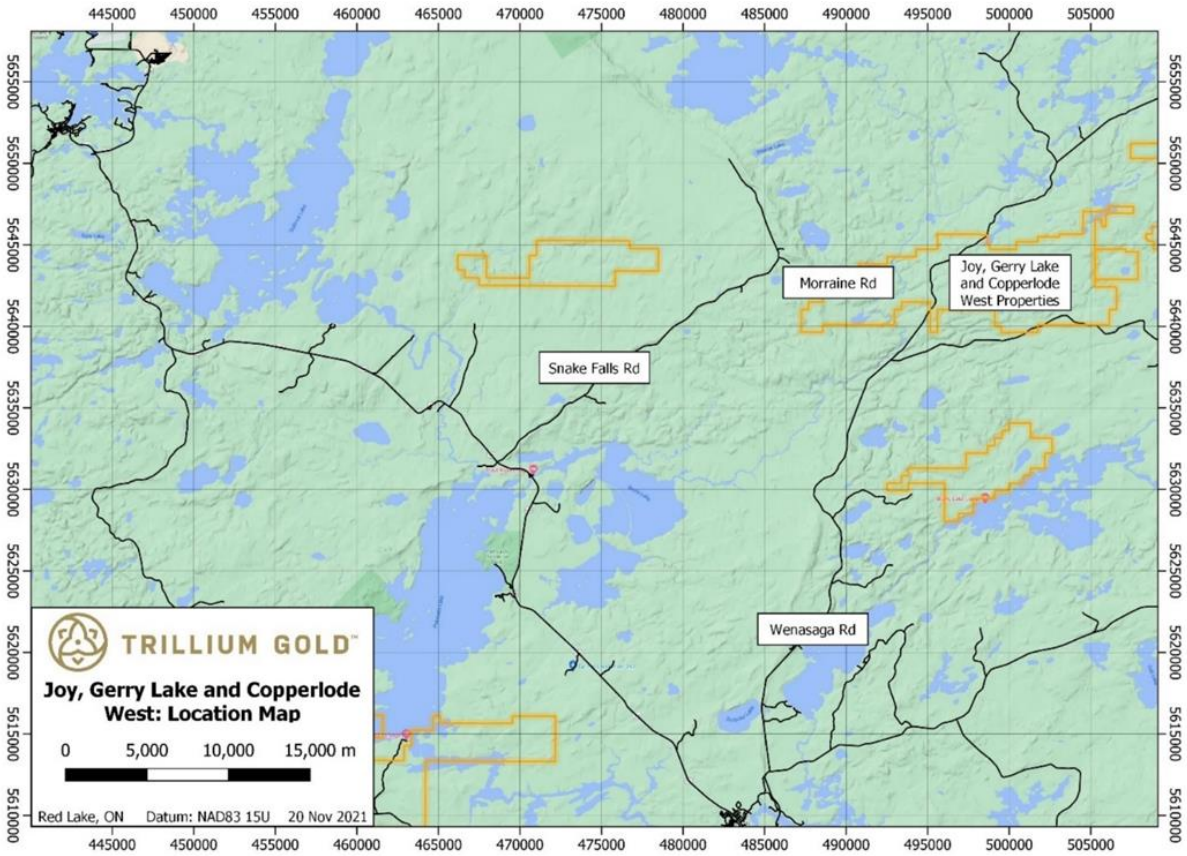


Figure 1: Joy, Gerry Lake, and Copperlode West property location map.

1.2 Property Tenure

The Joy, Gerry Lake and Copperlode West property consist of 209 mining claims and covers 8932.93 hectares (Figure 2). A detailed listing of all mining claims can be found on **Error! Reference source not found.**.

Table 1: Tenure table of the Joy, Gerry Lake and Copperlode West property.

TENURE_NUM	TITLE_TY_1	TENURE_S_1	ANNIVERSARY	HOLDER	Project	AREA_IN_HE
100840	Boundary Cell Mining Claim	Active	2022-06-18	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.35
100841	Single Cell Mining Claim	Active	2022-06-18	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.35
100842	Single Cell Mining Claim	Active	2022-06-18	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.35
100843	Boundary Cell Mining Claim	Active	2022-06-18	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.35
100992	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
100993	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
102129	Boundary Cell Mining Claim	Active	2021-11-14	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.35
102534	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
102535	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
102536	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
112763	Boundary Cell Mining Claim	Active	2021-12-12	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
112814	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
112906	Single Cell Mining Claim	Active	2021-07-17	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.35
113030	Boundary Cell Mining Claim	Active	2021-12-12	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.36
116338	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
117864	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
120766	Boundary Cell Mining Claim	Active	2021-11-14	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.33
125406	Single Cell Mining Claim	Active	2021-11-14	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.33
125407	Single Cell Mining Claim	Active	2021-11-14	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.33
125408	Boundary Cell Mining Claim	Active	2021-11-14	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.33
129635	Single Cell Mining Claim	Active	2021-11-14	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.36
134536	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
135150	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.35
136104	Single Cell Mining Claim	Active	2021-07-25	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
136105	Single Cell Mining Claim	Active	2021-07-25	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
136443	Boundary Cell Mining Claim	Active	2021-09-14	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.35
136908	Boundary Cell Mining Claim	Active	2021-11-14	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.33
141239	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34

142920	Single Cell Mining Claim	Active	2021-11-14	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.33
148199	Boundary Cell Mining Claim	Active	2021-11-14	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.33
149344	Single Cell Mining Claim	Active	2021-07-18	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.35
151109	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
151110	Single Cell Mining Claim	Active	2021-07-17	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.35
151209	Single Cell Mining Claim	Active	2021-07-17	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.35
151245	Boundary Cell Mining Claim	Active	2022-07-26	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.35
151246	Single Cell Mining Claim	Active	2022-07-26	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.36
153465	Single Cell Mining Claim	Active	2022-07-26	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.35
153466	Single Cell Mining Claim	Active	2022-07-26	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.36
153467	Single Cell Mining Claim	Active	2022-07-26	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.36
154031	Boundary Cell Mining Claim	Active	2021-12-12	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
154083	Single Cell Mining Claim	Active	2021-07-17	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.35
154695	Single Cell Mining Claim	Active	2021-07-17	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.35
159472	Boundary Cell Mining Claim	Active	2022-06-18	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.35
164964	Single Cell Mining Claim	Active	2022-06-18	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.35
164965	Single Cell Mining Claim	Active	2022-06-18	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.35
167275	Boundary Cell Mining Claim	Active	2021-09-14	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.35
167617	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
167618	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
169031	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
169355	Single Cell Mining Claim	Active	2021-07-17	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.35
170613	Boundary Cell Mining Claim	Active	2021-12-12	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.35
177748	Boundary Cell Mining Claim	Active	2021-11-14	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.35
177749	Single Cell Mining Claim	Active	2021-11-14	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.36
178325	Single Cell Mining Claim	Active	2022-06-18	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.35
181822	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
182112	Boundary Cell Mining Claim	Active	2021-11-14	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.33
190305	Boundary Cell Mining Claim	Active	2021-11-14	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.35
190867	Single Cell Mining Claim	Active	2022-10-10	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.35
199229	Single Cell Mining Claim	Active	2021-07-17	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.35
199230	Boundary Cell Mining Claim	Active	2021-07-17	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.35
199231	Boundary Cell Mining Claim	Active	2021-07-17	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.35

199330	Single Cell Mining Claim	Active	2021-07-17	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.35
199957	Boundary Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.35
200283	Single Cell Mining Claim	Active	2021-07-25	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
200578	Boundary Cell Mining Claim	Active	2021-12-12	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.35
200638	Boundary Cell Mining Claim	Active	2021-09-14	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
204988	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
206667	Boundary Cell Mining Claim	Active	2021-12-12	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
206810	Single Cell Mining Claim	Active	2022-07-26	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.36
207232	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
207233	Boundary Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.35
207234	Boundary Cell Mining Claim	Active	2021-07-17	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.35
207352	Boundary Cell Mining Claim	Active	2021-07-17	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.35
207979	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
207980	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.35
207981	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.35
208652	Boundary Cell Mining Claim	Active	2021-09-14	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
209791	Single Cell Mining Claim	Active	2021-11-14	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.35
212821	Boundary Cell Mining Claim	Active	2021-11-14	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.36
216306	Boundary Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
216307	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
216308	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
216782	Boundary Cell Mining Claim	Active	2021-10-25	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
217708	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
217709	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.35
220054	Boundary Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.35
220693	Boundary Cell Mining Claim	Active	2021-12-12	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.35
224012	Boundary Cell Mining Claim	Active	2021-11-14	(100) FRONTLINE GOLD CORPORATION	Confederation Belt	20.33
225685	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
225686	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
226208	Boundary Cell Mining Claim	Active	2022-07-26	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.35
226209	Single Cell Mining Claim	Active	2022-07-26	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.35
232196	Boundary Cell Mining Claim	Active	2022-10-10	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.35
234334	Boundary Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34

234335	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
234730	Single Cell Mining Claim	Active	2021-07-18	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.35
234731	Boundary Cell Mining Claim	Active	2021-07-18	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.35
236430	Single Cell Mining Claim	Active	2021-07-17	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.35
236431	Single Cell Mining Claim	Active	2021-07-17	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.35
236432	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.35
236551	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
236552	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
237238	Boundary Cell Mining Claim	Active	2021-09-14	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
239574	Single Cell Mining Claim	Active	2022-10-10	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.36
244718	Single Cell Mining Claim	Active	2021-11-14	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.33
244719	Boundary Cell Mining Claim	Active	2021-11-14	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.33
247544	Single Cell Mining Claim	Active	2022-10-10	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.36
251551	Boundary Cell Mining Claim	Active	2021-11-14	(100) PERRY VERN ENGLISH	Confederation Belt	20.33
254513	Single Cell Mining Claim	Active	2021-07-18	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.35
254514	Boundary Cell Mining Claim	Active	2021-07-18	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.35
255115	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.35
263968	Boundary Cell Mining Claim	Active	2021-09-14	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.35
265930	Boundary Cell Mining Claim	Active	2021-12-12	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
266588	Single Cell Mining Claim	Active	2021-07-18	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.35
267214	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.35
267885	Boundary Cell Mining Claim	Active	2021-09-14	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
268287	Single Cell Mining Claim	Active	2021-11-14	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.36
268855	Single Cell Mining Claim	Active	2022-06-18	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.35
272667	Boundary Cell Mining Claim	Active	2021-12-12	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
272806	Single Cell Mining Claim	Active	2022-07-26	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.36
272807	Single Cell Mining Claim	Active	2022-07-26	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.36
272808	Single Cell Mining Claim	Active	2022-07-26	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.36
272920	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
272921	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.35
272922	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.35
273222	Single Cell Mining Claim	Active	2021-07-17	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.35
273223	Boundary Cell Mining Claim	Active	2021-07-17	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.35

273330	Single Cell Mining Claim	Active	2021-07-17	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.35
280337	Boundary Cell Mining Claim	Active	2021-11-14	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.35
280894	Single Cell Mining Claim	Active	2022-06-18	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.35
280895	Boundary Cell Mining Claim	Active	2022-06-18	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.35
284095	Single Cell Mining Claim	Active	2021-07-18	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.35
284096	Boundary Cell Mining Claim	Active	2021-07-18	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.35
291445	Single Cell Mining Claim	Active	2021-07-25	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
291810	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
291811	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
291812	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
293644	Single Cell Mining Claim	Active	2021-11-14	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.35
297644	Boundary Cell Mining Claim	Active	2021-11-14	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.35
297645	Single Cell Mining Claim	Active	2021-11-14	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.36
298204	Boundary Cell Mining Claim	Active	2022-06-18	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.35
298205	Boundary Cell Mining Claim	Active	2022-06-18	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.35
298206	Boundary Cell Mining Claim	Active	2022-06-18	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.35
300791	Boundary Cell Mining Claim	Active	2021-11-14	(100) PERRY VERN ENGLISH	Confederation Belt	20.33
300809	Boundary Cell Mining Claim	Active	2021-11-14	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.33
303088	Single Cell Mining Claim	Active	2021-07-17	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.35
303089	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.35
303090	Single Cell Mining Claim	Active	2021-07-17	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.35
303557	Single Cell Mining Claim	Active	2021-07-25	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
303558	Single Cell Mining Claim	Active	2021-07-25	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
303559	Boundary Cell Mining Claim	Active	2021-07-25	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
304462	Single Cell Mining Claim	Active	2021-12-12	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.35
304475	Boundary Cell Mining Claim	Active	2021-09-14	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
304884	Single Cell Mining Claim	Active	2021-11-14	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
306890	Single Cell Mining Claim	Active	2022-10-10	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.35
310576	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
311239	Boundary Cell Mining Claim	Active	2021-12-12	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.35
313593	Boundary Cell Mining Claim	Active	2022-10-10	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.36
314745	Single Cell Mining Claim	Active	2021-11-14	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.36
314746	Single Cell Mining Claim	Active	2021-11-14	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.36

317418	Boundary Cell Mining Claim	Active	2021-11-14	(100) PERRY VERN ENGLISH	Confederation Belt	20.33
318557	Boundary Cell Mining Claim	Active	2021-07-18	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.35
320430	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
321024	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
321536	Single Cell Mining Claim	Active	2022-07-26	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.36
322603	Single Cell Mining Claim	Active	2021-07-17	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.35
327446	Single Cell Mining Claim	Active	2021-11-14	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.36
330186	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
330187	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
331159	Boundary Cell Mining Claim	Active	2021-09-14	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.35
331160	Boundary Cell Mining Claim	Active	2021-09-14	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.35
333203	Boundary Cell Mining Claim	Active	2021-07-18	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.35
333664	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.35
333665	Single Cell Mining Claim	Active	2021-07-17	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.35
333777	Single Cell Mining Claim	Active	2021-07-17	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.35
334055	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.35
334056	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.35
334372	Boundary Cell Mining Claim	Active	2021-09-14	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
339013	Boundary Cell Mining Claim	Active	2021-11-14	(100) PERRY VERN ENGLISH	Confederation Belt	20.33
342024	Boundary Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
342025	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
343640	Boundary Cell Mining Claim	Active	2021-11-14	(100) PERRY VERN ENGLISH	Confederation Belt	20.34
343931	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
343932	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.34
343933	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.35
343934	Single Cell Mining Claim	Active	2021-07-17	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.35
344498	Boundary Cell Mining Claim	Active	2021-11-14	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.35
565475	Single Cell Mining Claim	Active	2021-12-02	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.36
565476	Single Cell Mining Claim	Active	2021-12-02	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.36
565477	Single Cell Mining Claim	Active	2021-12-02	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.36
565478	Single Cell Mining Claim	Active	2021-12-02	(100) EMX Properties (Canada) Inc.	Confederation Belt	20.36
565648	Multi-cell Mining Claim	Active	2021-12-03	(100) TRILLIUM GOLD MINES INC	Confederation Belt	345.88
566216	Multi-cell Mining Claim	Active	2021-09-14	(100) TRILLIUM GOLD MINES INC	Confederation Belt	366.21

566217	Multi-cell Mining Claim	Active	2021-09-14	(100) TRILLIUM GOLD MINES INC	Confederation Belt	407.08
566218	Multi-cell Mining Claim	Active	2021-09-14	(100) TRILLIUM GOLD MINES INC	Confederation Belt	264.6
566219	Single Cell Mining Claim	Active	2021-12-06	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.36
566220	Single Cell Mining Claim	Active	2021-12-06	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.36
566221	Single Cell Mining Claim	Active	2021-12-06	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.36
566222	Single Cell Mining Claim	Active	2021-12-06	(100) TRILLIUM GOLD MINES INC	Confederation Belt	20.35
566240	Multi-cell Mining Claim	Active	2021-09-14	(100) TRILLIUM GOLD MINES INC	Confederation Belt	305.28
566241	Multi-cell Mining Claim	Active	2021-09-14	(100) TRILLIUM GOLD MINES INC	Confederation Belt	488.57
566242	Multi-cell Mining Claim	Active	2021-09-14	(100) TRILLIUM GOLD MINES INC	Confederation Belt	508.8
566243	Multi-cell Mining Claim	Active	2021-09-14	(100) TRILLIUM GOLD MINES INC	Confederation Belt	508.58
566245	Multi-cell Mining Claim	Active	2021-09-14	(100) TRILLIUM GOLD MINES INC	Confederation Belt	284.84
566246	Multi-cell Mining Claim	Active	2021-09-14	(100) TRILLIUM GOLD MINES INC	Confederation Belt	244.22
566247	Multi-cell Mining Claim	Active	2021-09-14	(100) TRILLIUM GOLD MINES INC	Confederation Belt	264.57
587340	Multi-cell Mining Claim	Active	2022-05-04	(100) TRILLIUM GOLD MINES INC	Confederation Belt	142.51
598702	Multi-cell Mining Claim	Active	2022-07-09	(100) Gravel Ridge Resources Ltd.	Confederation Belt	468.04
598703	Multi-cell Mining Claim	Active	2022-07-09	(100) Gravel Ridge Resources Ltd.	Confederation Belt	366.17

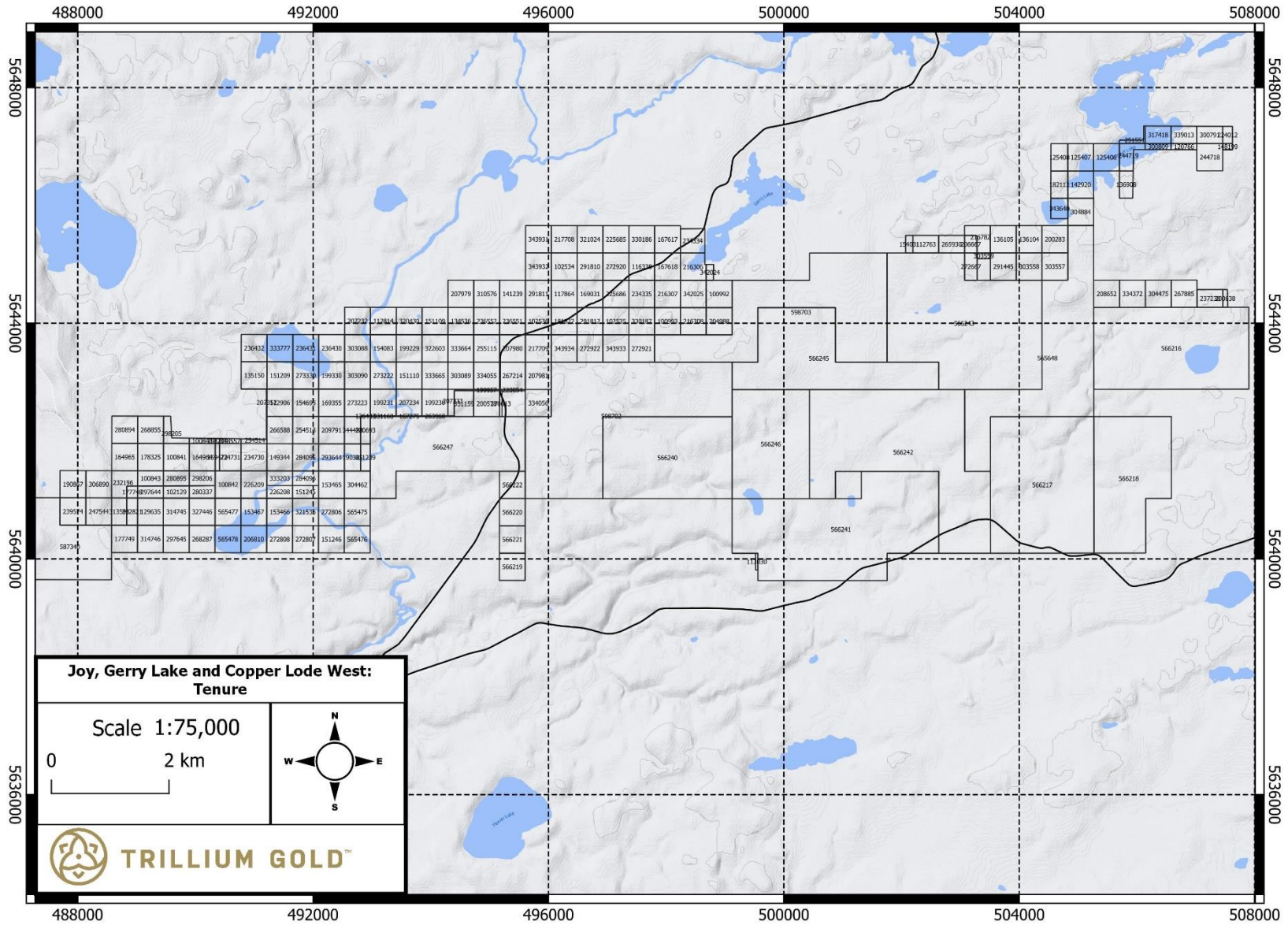


Figure 2: Tenure map of Joy, Gerry Lake and Copperlode West property

2. PROPERTY HISTORY

Historically, this area has been primarily explored for VMS-style mineralization. A large majority of the exploration was geophysical surveys. Within this area at least 16 assessment files have been submitted as diamond drilling. Two Ontario Mineral Inventories (OMI; formerly mineral deposit inventories) are identified on the western side of the Joy property (Figure 3). The New Zone OMI is categorized as a developed prospect with reserves or resources which reports a historical resource of 300,000 tons at 4% Cu-Zn deposit. The historical resource does not meet disclosure standards under NI 43-101, and Trillium is not treating it as a current resource. The Caravelle OMI, is categorized as an occurrence because of a 4.44% Zn and 0.22% Cu intercepted over 1.1 m in diamond drill hole J-2. A total of 67 past diamond drill holes were drilled within the Joy property, these targeting geophysical anomalies and/or VMS-style anomalies. Most of these holes are located on the western side of the property (Figure 3). A detailed listing of past work history can be viewed in Table 2.

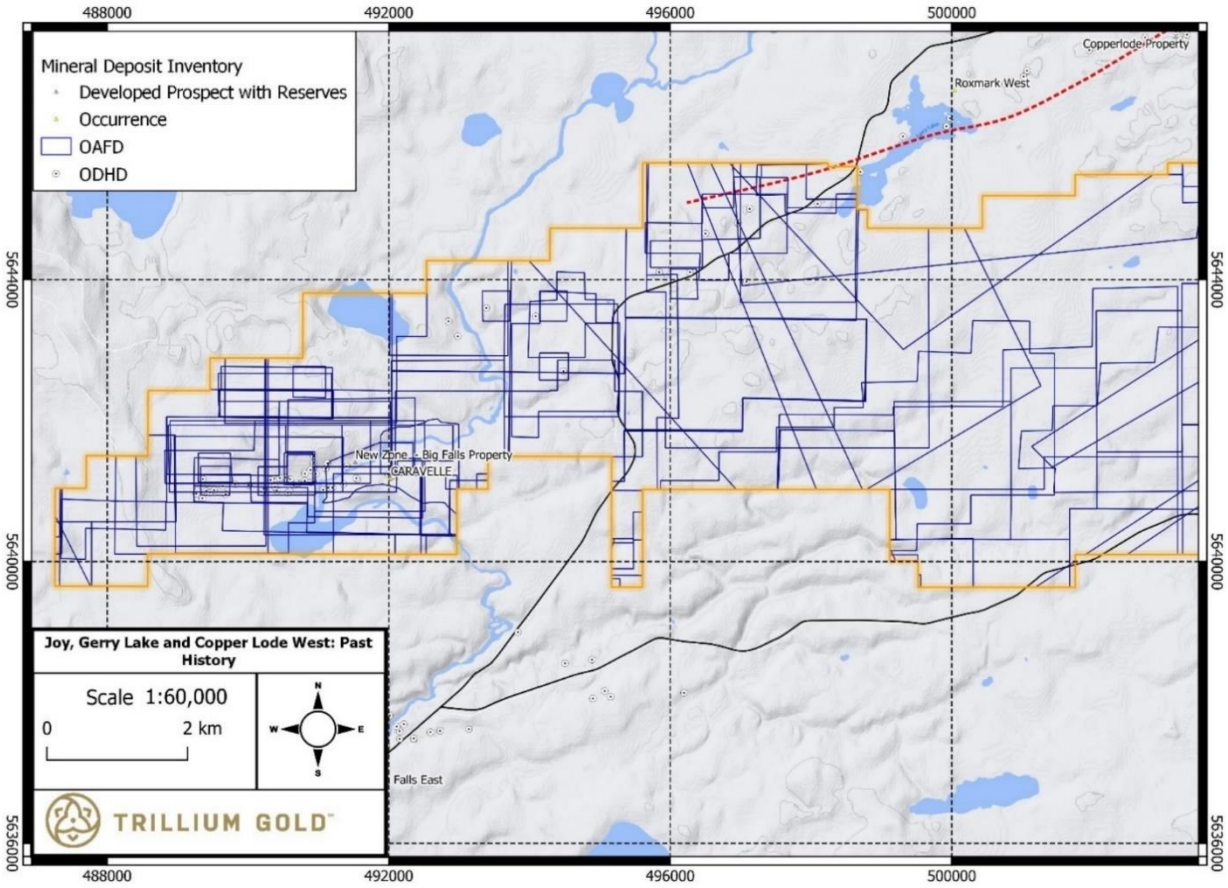


Figure 3: Past Mineral Deposit Inventories, assessment files and drill hole locations on the Joy, Gerry Lake and Copperlode West property.

Table 2: Past work filed within the Joy, Gerry Lake and Copperlode West property area

AFRI_FID	YEAR	PERFORM_FOR	WORK_DESCRIPTION
52K15NW0032	1973	Roxmark Mines Ltd	Airborne Electromagnetic, Airborne Magnetometer
52K15NW0035	1969	Erzgesellschaft Mbh	Airborne Electromagnetic, Airborne Magnetometer
52K14NE0209	1969	Dome Expl (Canada) Ltd	Airborne Electromagnetic, Airborne Magnetometer, Airborne Radiometric
52K14NE0044	1970	Caravelle Mines Ltd	Airborne Electromagnetic, Airborne Magnetometer, Assaying and Analyses, Diamond Drilling, Electromagnetic, Geological Survey / Mapping, Magnetic / Magnetometer Survey
52K15NW0034	1968 - 1969	Copper-Lode Mines Ltd, Roxmark Mines Ltd	Airborne Electromagnetic, Airborne Magnetometer, Diamond Drilling, Magnetic / Magnetometer Survey
52K15NE0220	1989	E Van Hees	Assaying and Analyses
52K14NE0030	1994	Noranda Exploration Co	Assaying and Analyses, Compilation and Interpretation - Diamond Drilling, Diamond Drilling, Downhole Geophysics, Electromagnetic, Recutting Claim Lines Once Every 5 Years
52K14NE2002	1998	Cross Lake Minerals Ltd	Assaying and Analyses, Diamond Drilling
52K15NE0206	1978	Selco Mining Corp Ltd	Assaying and Analyses, Diamond Drilling
20000005644	2007	Tribute Minerals Inc	Assaying and Analyses, Diamond Drilling
52K14NE2015	1994	Noranda Exploration Co	Assaying and Analyses, Diamond Drilling, Downhole Geophysics, Electromagnetic, Linecutting
52K14NE0045	1995	Noranda Mining & Expl Inc	Assaying and Analyses, Diamond Drilling, Downhole Geophysics, Electromagnetic, Manual Labour
52K14NE2001	1997 - 1998	Tri Origin Expl Ltd	Assaying and Analyses, Diamond Drilling, Electromagnetic, Geochemical, Magnetic / Magnetometer Survey, Open Cutting
52K14NE8947	1992	Noranda Exploration Co	Assaying and Analyses, Diamond Drilling, Microscopic Studies
20000005293	1985	Noranda Expl Co Ltd	Assaying and Analyses, Electromagnetic, Geological Survey / Mapping, Linecutting, Magnetic / Magnetometer Survey
20000004683	2009 - 2010	Precambrian Ventures Ltd	Assaying and Analyses, Geochemical
52K15NW8943	1992	Noranda Exploration Co	Assaying and Analyses, Geochemical, Geological Survey / Mapping
20000002054	2006 - 2007	Gregory J Campbell	Assaying and Analyses, Geochemical, Prospecting By Licence Holder
20000004596	2009 - 2010	Precambrian Ventures Ltd	Database Data
52K14NE0008	1986	Bp Resources Canada	Diamond Drilling
52K14NE0025	1977	Selco Mining Corp Ltd	Diamond Drilling
52K14NE0027	1970	Yorbeau Mines Ltd	Diamond Drilling
52K14NE0029	1970	Caravelle Mines Ltd	Diamond Drilling
52K14NE0031	1970	Caravelle Mines Ltd	Diamond Drilling
52K14NE0032	1970	Caravelle Mines Ltd	Diamond Drilling
52K14NE0208	1970	Caravelle Mines Ltd	Diamond Drilling
52K14NE8948	1992	Noranda Exploration Co	Diamond Drilling
52K14NE0005	1985	Bp Resources Canada	Electromagnetic
52K14NE0020	1995	P English	Electromagnetic
52K14NE0020	1995	P English	Electromagnetic
52K16NE0401	1977	Hudson Bay Expl & Dev Co Ltd	Electromagnetic
52K14NE2009	2002	G J Campbell	Electromagnetic Very Low Frequency, Linecutting, Magnetic / Magnetometer Survey
52K14NE0013	1985	Bp Resources Canada	Electromagnetic Very Low Frequency, Magnetic / Magnetometer Survey
52K15NW0027	1985	Noranda Exploration Co	Electromagnetic, Geochemical, Geological Survey / Mapping, Magnetic / Magnetometer Survey, Microscopic Studies
52K15NW0013	1996	Noranda Mining & Expl Inc	Electromagnetic, Geochemical, Geological Survey / Mapping, Magnetic / Magnetometer Survey, Open Cutting
52K15NW2003	1998	Noranda Mining & Expl Inc	Electromagnetic, Geochemical, Geological Survey / Mapping, Magnetic / Magnetometer Survey, Open Cutting
52K14NE0041	1969	Erzgesellschaft Mbh	Electromagnetic, Induced Polarization, Magnetic / Magnetometer Survey
20000005290	1984	Bp Res. Canada Ltd	Electromagnetic, Linecutting, Magnetic / Magnetometer Survey
52K14NE0004	1987	Noranda Exploration Co	Electromagnetic, Magnetic / Magnetometer Survey
52K14NE0009	1986	Noranda Exploration Co	Electromagnetic, Magnetic / Magnetometer Survey
52K14NE0014	1985	Bp Resources Canada	Electromagnetic, Magnetic / Magnetometer Survey
52K14NE0018	1979	Selco Mining Corp Ltd	Electromagnetic, Magnetic / Magnetometer Survey
52K14NE0021	1978	Selco Mining Corp Ltd	Electromagnetic, Magnetic / Magnetometer Survey
52K14NE0034	1977	Selco Mining Corp Ltd	Electromagnetic, Magnetic / Magnetometer Survey
52K14NE0035	1977	Selco Mining Corp Ltd	Electromagnetic, Magnetic / Magnetometer Survey
52K14NE0036	1977	Noranda Exploration Co	Electromagnetic, Magnetic / Magnetometer Survey

52K14NE0052	1977	Selco Mining Corp Ltd	Electromagnetic, Magnetic / Magnetometer Survey
52K14NE8952	1970	Erzgesellschaft Mbh	Electromagnetic, Magnetic / Magnetometer Survey
52K14NE0010	1995	Inco Ltd	Electromagnetic, Magnetic / Magnetometer Survey, Open Cutting
52K14NE0040	1994	D R Hawke	Electromagnetic, Magnetic / Magnetometer Survey, Open Cutting
52K14NE0049	1996	Noranda Mining & Expl Inc	Electromagnetic, Magnetic / Magnetometer Survey, Open Cutting
52K14NE2010	2002	Gregory J Campbell	Geochemical
52K14NE0028	1994	Cumberland Resources Ltd	Geochemical, Geological Survey / Mapping, Open Cutting
52K15NW8944	1992	W J Desmeules	Geochemical, Prospecting By Licence Holder
20000003616	2008	Confederation Minerals Corp, Perry Vern English	Geochemical, Prospecting By Licence Holder
20000003616	2008	Confederation Minerals Corp, Perry Vern English	Geochemical, Prospecting By Licence Holder
20000003063	2007 - 2008	Gregory J Campbell	Geological Survey / Mapping
52K14NE0042	1970	Erzgesellschaft Mbh	Geological Survey / Mapping, Magnetic / Magnetometer Survey
52K15NW2006	2003	Tribute Minerals Corp	Induced Polarization, Linecutting, Other Geotechnical, Resistivity
52K14NE0048	1996 - 1997	Cross Lake Minerals Ltd	Induced Polarization, Open Cutting, Resistivity
52K14NE0047	1997	Donald Hawke, Gregory J Campbell	Open Cutting, Prospecting By Licence Holder

3. REGIONAL GEOLOGY

The block lies within the western Birch-Uchi belt, with stratigraphy and lithologies gleaned from GSC 4256, 2004. On a property scale, related divisions and classifications have not been officially verified by geochronology.

Overall, an approximately east-west trending volcano-sedimentary sequence of predominantly Confederation felsic-intermediate volcanic rocks, flanked to the north, by unsubdivided, mainly mafic volcanic rocks. The Little Bear Lake pluton has intruded the sequence in the north, and the property is bisected by a late probable gabbroic intrusion that based on geophysical data, intrudes the supracrustal sequence.

On a semi-regional, property scale, more southerly, eastern and far western areas have been modified by syn- to post-kinematic tonalite, trondhjemite, granodiorite, and diorite intrusions and related gneisses.

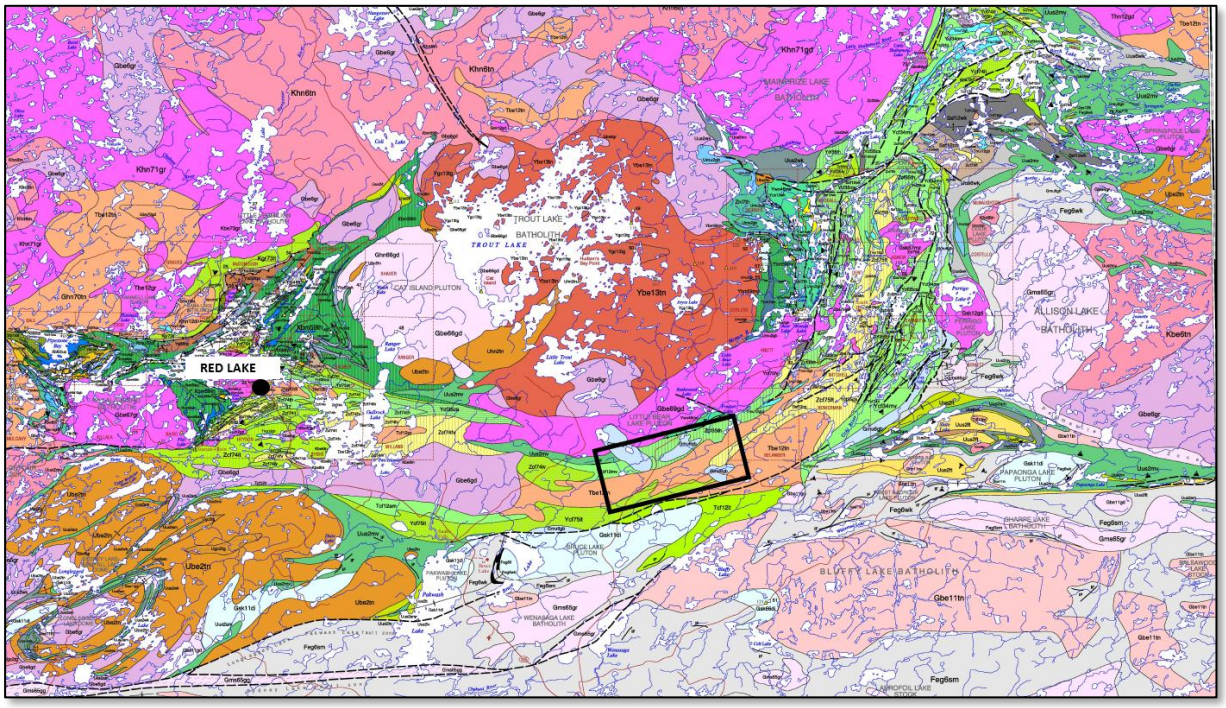


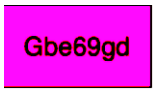
Figure 4 Regional Geology

REGIONAL GEOLOGY

From GSC of 4256 2004. The properties are enclosed by the black rectangle. The partial legend below, covers the main lithologies on and near the properties.

LEGEND

Gmu6gb Gabbroic rocks: generally undated gabbroic rocks intrusive into Confederation assemblage, including fine-grained tholeiitic dykes and sills intrusive into the Sundown Lake metasedimentary assemblage and coarse-grained magnetite-bearing gabbro dates at ca. 2699 Ma at locality #57; includes Leg Lake mafic complex



Gbe69gd Granodiorite-quartz monzonite: weakly foliated, equigranular to porphyritic granodiorite-quartz monzonite, intrusive into deformed and locally mineralised strata; includes the ca. 2722 Ma Little Bear Lake granodiorite (U-Pb #62) and Shabumeni Lake stock (U-Pb #73) in the Birch-Uchi belt 2714 ± 4 Ma QFP (U-Pb #44) that cuts gold mineralisation at the Red Lake mine

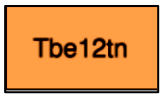
Zcf35th Agnew Sequence ca 2744 Ma: mafic volcanic rocks: pillowed and pillow breccia of dominantly tholeiitic affinity

Zcf75ft Agnew Sequence ca. 2744 Ma Felsic volcanic rocks: rhyolitic flows (Keewatin Bay suite) and associated quartz feldspar porphyritic rocks dated at ca. 2744 Ma (U-Pb #66); tholeiitic (type FIII) affinity

Ycf75lt McNeely Sequence ca. 2748-2742 Ma. Intermediate to felsic volcanic rocks: dacitic to rhyodacitic pyroclastic rocks and associated epiclastic rocks (U-Pb #10, #14, #16, #23, #28, #39), locally overlying basal conglomerate (unit Tus2co)

Tcf12mv Confederation Assemblage ca. 2745-2735 Ma Mafic Volcanic Rocks. Basaltic rocks formed at a transitional continental margin

Uus2mv Mafic volcanic rocks: foliated, massive to pillowed basalt, amphibolite, and associated gabbroic rocks, locally plagioclase-phyric near Springpole and Pakwash lakes; lesser associated intermediate to felsic flows, tuff and wacke near Dixie Lake



Tbe12tn Tonalite: massive to weakly foliated biotite-tonalite to trondhjemite±diorite typically associated with, or intrusive into <2.47 Ga Confederation assemblage

4. PROPERTY GEOLOGY

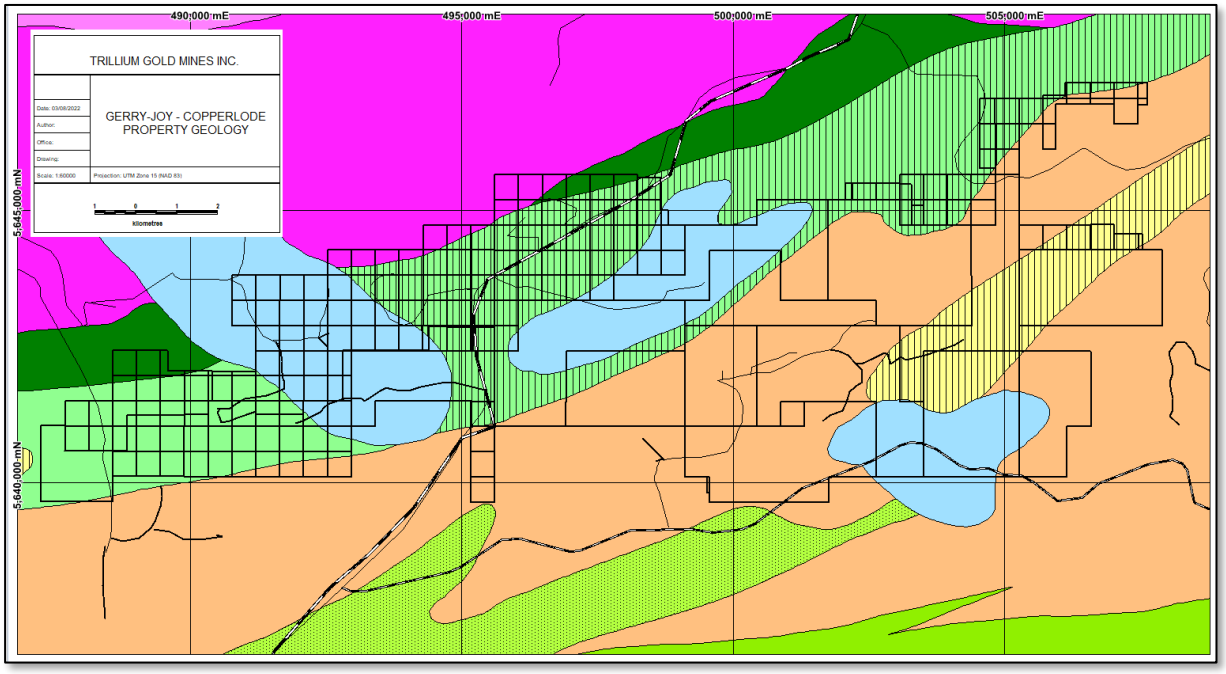


Figure 5 Property scale geology

Gerry-Joy: Property Geology

From GSC OFR 4256

Underlain by well-described, but poorly differentiated, mainly intermediate to mafic effusive volcanic rocks. This central sequence also contains intercalated felsic and lesser mafic volcanics; interbedded or inter flow volcaniclastic rocks and sulphide-facies iron formation, all part of the Confederation Lake assemblage.

The northern portion of the property is underlain by the contact between the above and the Little Bear Lake pluton. To the south it's underlain by a poorly defined tonalite intruding the supracrustal sequence. At least one, probably two gabbroic bodies intrude with many smaller, related dykes as noted by drill logs.

Overall, an apparently homoclinal, south-facing sequence, that is upright folded, locally overturned, with axial traces parallel to the local and regional trend. Major lithological contacts are in places sheared or faulted. With very few exposures, detailed geological information is reliant on drill logs.

Copperlode Property Geology

The Phelps Dodge 1969 report stated:

“The property is underlain by a one-quarter mile wide northeast-trending arm of metasedimentary and metagabbroic rocks, bordered or. both sides by younger granitic rocks. Some of the gneissic granite may have formed by metasomatic replacement of earlier sediments. Bedrock structures trend uniformly northeastward, and dip either vertically or steeply southeast. Narrow faults or shear zones have formed parallel to the regional strike in a few places close to the granite-metasediment contacts. A single occurrence of very minor disseminated chalcopyrite was found in granite beside the sheared metasediment. The only other sulphide encountered in mapping is a little disseminated pyrite in one outcrop of gneissic granite. Partial E.M. coverage of the metasediment-metagabbro arm failed to locate any anomalies.” P. Clark.

Their mapping indicates granite exposures across the property, with several scattered exposures of granite gneiss, metasedimentary qz-biotite-feldspar gneiss, rare staurolite/andalusite gneiss, schist, mica quartzite and metagabbro/amphibolite gneiss. Mag highs from the airborne are likely amphibolite/gabbro. The contact between the predominantly metasedimentary rocks in the north and the granite gneiss (tonalite gneiss) in the south can be observed as a relatively sharp change in mag. gradient trending WSW-ENE. Sediments are also intruded by late, often but not exclusively massive granite.

No known drilling. The east-northeast adjacent Copperlode (ss) property has seen considerable work:

“The Copperlode property contains several known areas of mineralization containing copper and zinc values in chalcopyrite and iron-rich sphalerite, respectively, which appears to extend for more than twenty kilometres to the southwest and northeast through Tribute's Snake Falls, Ben Lake, Garnet Lake and Garnet East properties. The Copperlode property contains several historic mineralized zones, and the Hornet Zone identified by Noranda; drill intersections up to 12.607o Zn and G.72% Cu over 2.25 metres and 0.2P/o Zn and 6.0207o Cu over 1.5 metres have been reported by Noranda in the most recent group of diamond drill holes completed between 1995 and 1998. Stringer and massive mineralization has been identified over intervals to 57 metres. Massive base metal mineralization in the Copperlode zones have been identified by drilling to a depth of more than 625 metres and ranged in thickness from < l metre to >6 metres” (Tribute Minerals 2004 report.

From Noranda mapping and HLEM surveying on their Sandy Pines and Ben Lake grids:

“The Sandy Pines property is covered with glacial fluvial and lacustrine deposits with less than 5% outcrop exposure. It is underlain by the regionally extensive Cycle III volcanic sequence described above. The volcanic stratigraphy is believed to cover the extensions of the Dixie 3 (south-west) and Copperlode (north-east) mineralized horizons. To the Northeast, several Cu-Zn massive sulphide prospects occur on the adjoining Copperlode property (held by Noranda), including the E-Zone which hosts reserves of 160,000t grading 1.08% Cu, 8.2807% Zn.”

5. PROSPECTING

A total of 28 rock samples were collected within the Joy, Gerry Lake and Copperlode West property (Figure 6; Table 3). Aside from 276928 and 276931, no significant gold values were obtained. Rock sample 276928 was collected from a highly sulphur rich, highly deformed, fine clastic sediment (Photo 1). Rock sample 276931 consisted of quartz vein material within amphibolitised mafic volcanic rocks believe to be a part of the Woman River assemblage (Photo 2).

Company geologists were able to infer several regional observations based on their field work within the property. Firstly, the northern one quarter of the property is underlaid by mafic volcanic rocks that show an elevated degree of metamorphism, specifically lower to mid-amphibolite and upper greenschist (Figure 6; Ywo48mv). The boundary between these mafic volcanic rocks and the pillow mafic volcanic rocks to the south is separated by a strong magnetic intensity attributed to iron formation (Sample 276928). Rock Sample 276931 was quartz vein material collected from amphibolite-bearing mafic volcanic flows. Spatial proximity to Little Bear Lake pluton, to the immediate north, may be a factor in the elevated degree of metamorphism seen within these rocks. However, the metamorphic degree decreases to upper greenschist within several hundred meters to the south. At rock sample (276946) location, chlorite was observed within the outcrop with minor amounts of amphiboles (Photo 3). This northern section of the Joy, Gerry Lake and Copperlode West property has been mapped as Women River assemblage rocks (Lemkow, et al., 2006). Again, separating these mafic volcanic flows from the dominant mafic volcanic pillow package to the south is the banded iron formation identified at sample location (276929 and 276912-276923). This unit is approximately <200m wide and characterized by a strong linear magnetic response that trends southwest from the north-eastern corner of the property boundary.

Immediately south of the northern mafic volcanic rocks lay extensive sections of moderate to well deformed, weakly greenschist metamorphosed pillow mafic volcanic flows. These mafic volcanic pillows are laterally extensive, occurring at the northeast corner of the property and extending southwest to the southwestern corner of the property (Figure 6; Zcf35th). The pillows typically show a moderate degree of flattening and have been locally intruded by gabbros (Figure 6: Gmu6bd). These gabbros have strong magnetic responses and correlate well with the residual magnetic intensity map (Figure 7). The author noted the lateral extent of these gabbros appeared much smaller in size than portrayed within GSC Open File 5269 (Lemkow et. Al, 2006).

The main body of gabbro (±diorite) was identified within rock sample locations (276903, 276906, 276908; Figure 6). The main gabbro body cross cuts regional magnetic fabric and stratigraphy in the west central area of Joy before thinning out and intruding east-northeast sub-parallel to regional foliation and stratigraphy (Figure 7).

The southern half of the property is extensively overburden covered. The use of satellite imagery in field with real time tracking from handheld GPS Samsung S10 phone greatly

facilitated the identification of outcrops within this region, albeit rare. The southern half is underlain by biotite, feldspar schists and felsic intrusive rocks (Photo 4). These schistose rocks appear to be analogous with rocks identified in drill logs within the Diamond Willow and Carvalle area. The protolith of these schistose rocks are extremely difficult to interpret, although they appeared to be indicative of felsic to intermediate volcanics. This package of rock also appears to be laterally extensive, covering 50% of the lower half of the property while felsic intrusive cover the other 50%. The quartz biotite garnet schist may be the protolith equivalents of the Zcf75ft, described as intermediate to felsic volcanic rocks (Lemkow, et al., 2006) (Figure 6).

Felsic to intermediate intrusive rocks dominant the south-eastern side of the property. Their lateral extent is difficult to interpret because of thick overburden coverage. At sample location (657012) a porphyritic, medium grained, diorite, with hornblende minerals was observed. Other felsic to intermediate intrusive rocks were identified around this location with nomenclature suggesting similar composition to one another. This location is identified as gabbros (Gmu6gb) within Figure 6 (Lemkow, et al., 2006). To the east of this location magnetic tonalite rocks were identified and mapped as Tbe12tn within Figure 6 (Lemkow, et al., 2006).

While prospecting, geologists were collecting field observations, structure measurements and field photos between rock sample sites. A more thorough review of the structural data collected in this manner will be discussed in the prospect mapping chapter.

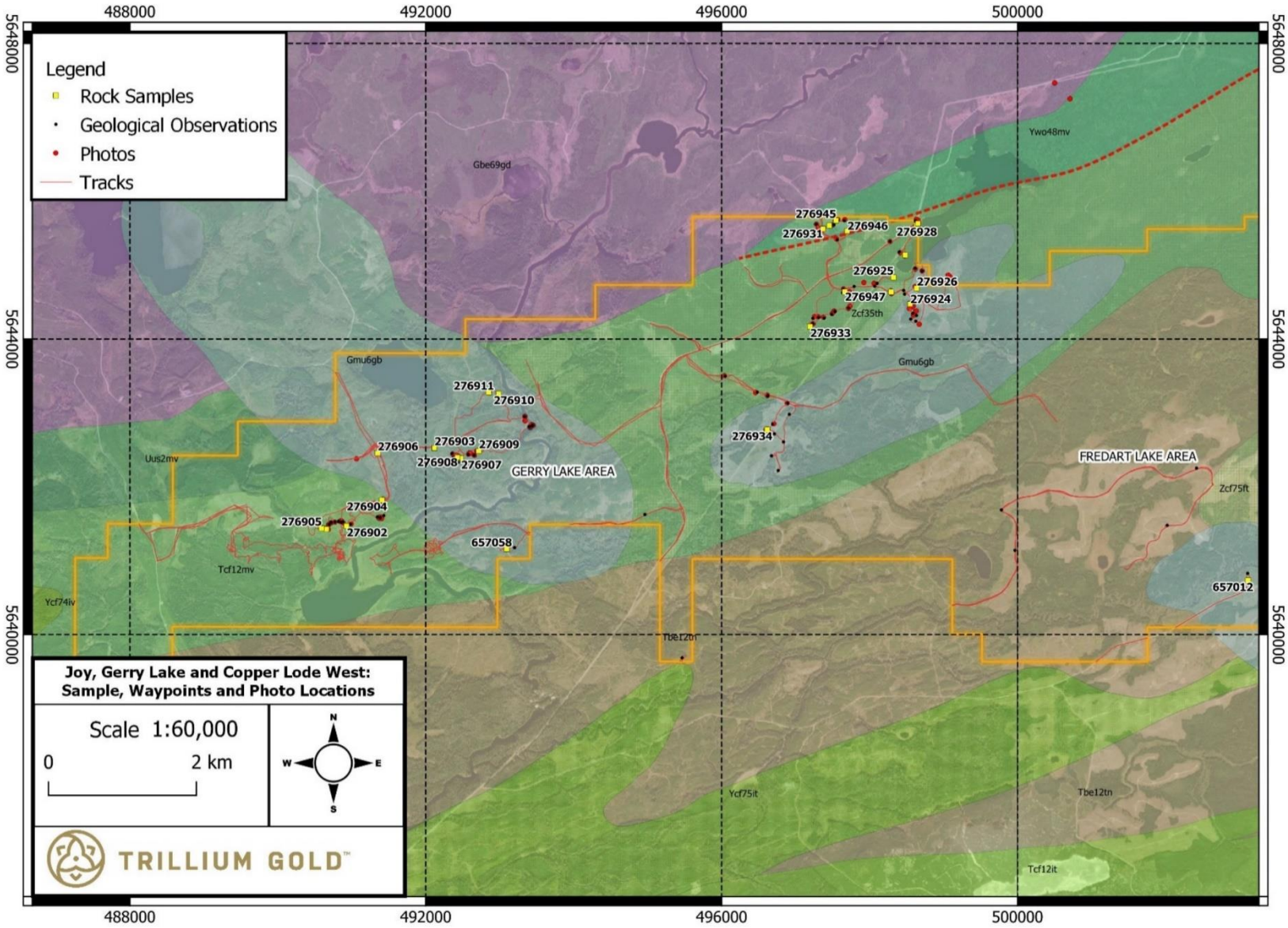


Figure 6: Rock sample, field observations, photos and track location map within the Joy, Gerry Lake and Copperlode West property

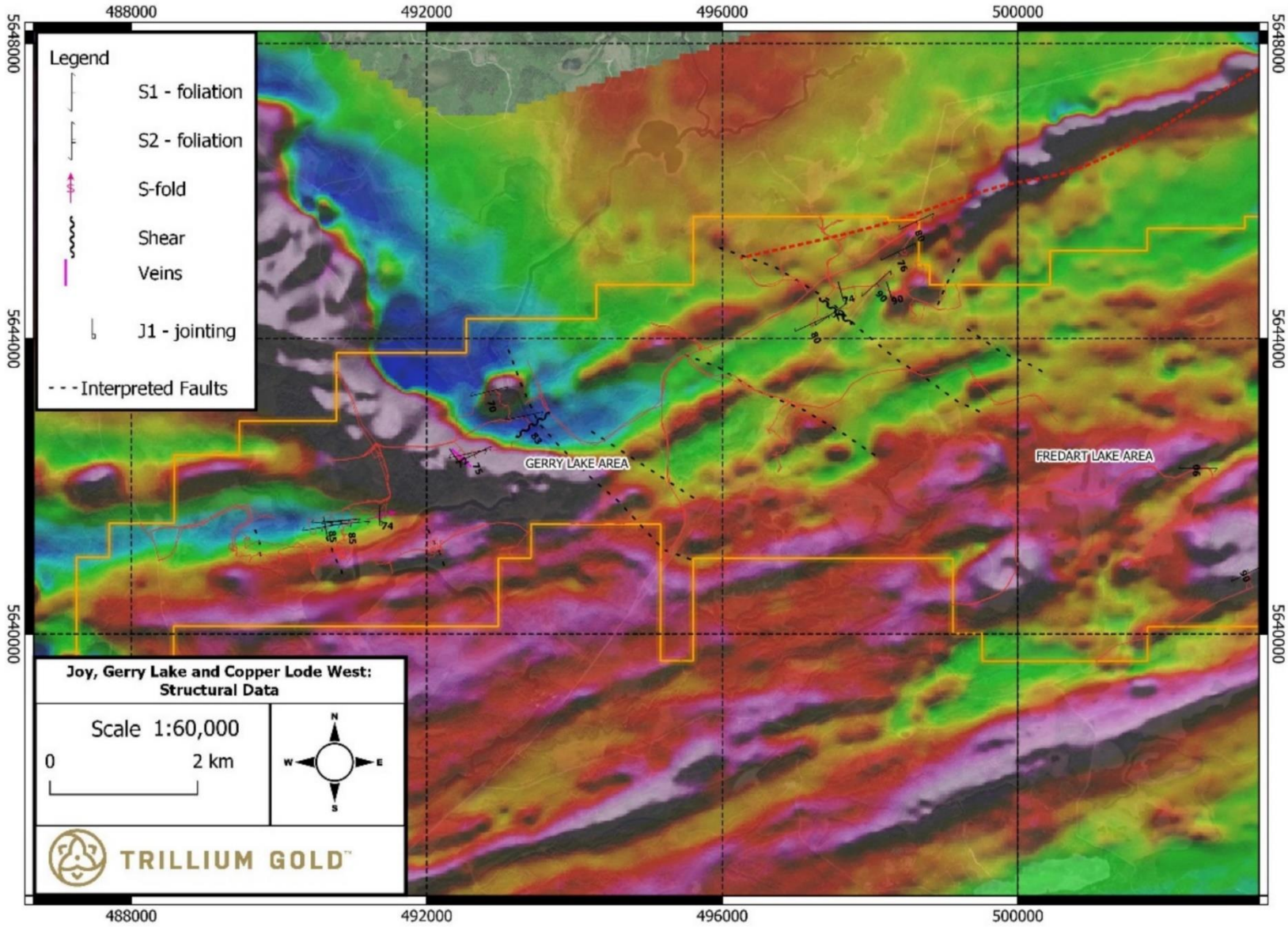


Figure 7: Structural field observations and interpreted D2 faults within the western extent of the Joy, Gerry Lake and Copperlode West property

Table 3: Rock sample table with x, y, z, coordinates, field comments and Au ppm values.

SAMPLE	X	Y	LITH1	COMMENTS	Au_ppm
276901	490656	5641427	1a_basalt, mafic flow	fine grained, wk foliated, small section of basalt on south side of outcrop with metasediment on north side(?), small xenolith of metasediment material(?) and well rimmed with plagioclase outcrop has north-south jointing	0.015
276902	490930	5641469	1a_basalt, mafic flow	dark grey green, wk to mod foliated, wk sheared, pillows squished, rare n-s jointing	0.024
276903	492117	5642524	6b_gabbro	mg-cg intrusive rock, dominated by hornblendes amphiboles	< 0.005
276904	491409	5641820	4b_siltstone, argillite	grey fine to aphanitic qtz, bio, sediment that is banded, with 1-2% diss fg py	0.006
276905	490591	5641437	4b_siltstone, argillite	Contact between Mafic Volcanics (flow) with clastic metasediments (siltstones).	< 0.005
276906	491349	5642455	6b_gabbro	Dark grey black, coarse grained, with variable composition from gabbro-hornblendite-diorite in small sections/flows?	< 0.005
276907	492476	5642385	6b_gabbro	Mafic Intrusive rock, gabbro to near ultramafic, with Kfeldspar/qtz veining 1-5 cm thick but overall low abundance, moderate heavy sample, non-reactive to HCl, local 1-2% fg py, locally weak foliation along e-w trend.	< 0.005
276908	492429	5642397	6b_gabbro	Mafic Intrusive, gabbroic composition, very coarse grained with massive amphibole minerals 5 cm wide, potential old pit area, mineralization of mg-cg 2% py, tr cpy	< 0.005
276909	492716	5642483	4b_siltstone, argillite	Metasediment, possible volcaniclastic, wk-mod magnetic, fg, wk-mod foliated and banded, dark grey, siltstone or tuff, quartz, bi, feldpsar, tr py and po, wkly oxidized	< 0.005
276910	492985	5643258	1a_basalt, mafic flow	Mafic Volcanic, flow, fg light to dark green colour, wkly foliated, with occasional 1-3 cm quartz veining present, has selective chl clasts-clusters	< 0.005
276911	492854	5643276	1a_basalt, mafic flow	Float, angular rock (at best subcrop, outcrop gentle outcrop 30 feet away), sulphide rich rock with 5% fg diss malachite, 2% fg dis azurite, and 10% fg dis magnetite. Heavy and strongly oxidized.	0.018
276924	498551	5644474	1a_basalt, mafic flow	highly oxidized sulphur rich sample contain 1-2% py	0.03
276925	498325	5644834	1a_basalt, mafic flow	mafic volcanic flow, partially oxidized and altered, shearing along 030/70SE	< 0.005
276926	498639	5644687	6_mafic to ultramafic intrusions	mafic to ultramafic rock sample, hornblendite to gabbro, highly magnetic, dark and coarse grained, oxidized via hematite, fracture fill sulphide	< 0.005
276927	498634	5645508	1a_basal, mafic flow	highly oxidized and sulphur rich sample, aphanitic and/or fine grained, strong hematite, sulphur and wk sericite	0.008
276928	498638	5645539	4b_siltstone, argillite	highly oxidized and sulphur rich sample, aphanitic and/or fine grained, strong hematite, sulphur and wk sericite	0.039
276929	498657	5645563	1a_basalt, mafic flow	sample collected from quartz veining from highly altered and sheared-deformed outcrop that is heavily oxidized and sulphur rich	< 0.005
276930	498483	5645136	1a_basalt, mafic flow	light grey green colour mafic volcanic flow, partially sheared and/or foliated, silicified and wkly reactive to HCl, and wk hæmatite	< 0.005
276931	497371	5645491	1a_basalt, mafic flow	dark grey, massive and altered mafic volcanic flow towards coarser grained amphibole rock-type, originally presumed to be gabbro however along trend transitions to mafic volcanic basalts and flows	0.058
276932	497457	5645536	1a_basalt, mafic flow	light grey and oxidized, contains po and tr py, 4 cm deformed quartz vein material in mafic volcanic flow, amphibole altered	< 0.005
276933	497197	5644168	1a_basalt, mafic flow	dark grey, biotitic and haematitic, slightly magnetic, mafic volcanic basalt flow, foliated Az. 065/80	< 0.005
276934	496618	5642772	6a_gabbro, diorite	rusty brown, oxidized and gossanous section of diorite trending 255 for 7m, sample collected of gossanous material which contains <2% vfg diss py	0.021
276945	497548	5645604	1a_basalt, mafic flow	Mafic flow, relic pillows, moderately sheared, weakly amphibolitised, whole rock collected here.	< 0.005
276946	497701	5645462	1a_basalt, mafic flow	Mafic volcanic flow, wk to mod foliated, chlorite altered weak, aphanitic, light to dark green, whole rock	< 0.005

276947	497667	5644637	1a_basalt, mafic flow	Light grey to dark grey, relic pillows and flow texture observed, fine grained and wkly carbonate altered, whole rock collected.	< 0.005
276948	498293	5644636	1a_basalt, mafic flow	Light grey green magic flow with well-developed pillows.	< 0.005
657012	503119	5640732	6a_gabbro, diorite	Dark grey, porphyritic and medium grained with tr pyrrhotite, hornblendite sample, a phase from the diorite which is located adjacent to granitic injection-flow. Moderately to strongly magnetic	< 0.005
657058	493096	5641157	9a_granodiorite	Felsic intrusive, magmatic breccia with oxidization and fg diss pyrite 1 percent, the xenoliths of mafic origin can be seen across the whole outcrop for 264 m.	0.005

Photo 1: Sample 276928, strongly oxidized, sulphur rich, pyritic gossanous rock sample. Zone 15 498634E 5645539N (NAD83)

Photo 2: Sample 276931, quartz vein material from amphibolitised mafic volcanic flows believed to be within the Woman River assemblage. Zone 15 497371.2E 5645491N (NAD83)

Photo 3: Sample 276946, Mafic volcanic rock, that is weakly to moderately foliated and weakly chlorite altered, light to dark green. Zone 15, 497700E 5645463N (NAD83).

Photo 4: Geological Observation waypoint 082, quartz biotite garnet schist. Zone 15 496675E 5642418N 400Z (NAD83).

6. GROUNDTRUTHING DIAMOND DRILL COLLARS AND RESAMPLING OF HISTORICAL DIAMOND DRILL HOLES

During the prospecting program company geologists identified drill hole collars outside of their excepted locations. Subsequently, a few days of work was allocated to resurveying diamond drill hole collars within the Joy, and Diamond Willow area. Almost all the resurveyed drill collars fell 120 m away from the provided coordinates from the company drill hole database. Azimuth and dip values corresponded well with the tabulated drill hole database. Easting, northing, and elevation were recorded from handheld Garmin GPSmap76CSx with approximately 5 m error. Azimuth was recorded by placing straight stick parallel to dip of collar and measured using compass while the dip was measured with inclination on the compass. A total of 24 drill holes were relocated in the field (Table 4).

During the drill hole compilation work, TGM identified a drill hole which was currently located at the Red Lake Resident Geologist Program's core yard. The company was able to retrieve 17.7 m of drill core for diamond drill hole GL98-2. No significant assays were obtained from resampling the chert magnetite iron formation and quartz feldspar porphyry within diamond drill hole GL98-2 (*Table 5*). However, late pyrite-bearing veins were noted cross cutting quartz feldspar porphyries during relogging which may indicate a later deformational event within the property area (*Photo 5*).

Table 4: Updated drill hole collar table for drill holes within the Joy property. JW prefix assigned by previous operators but correspond to diamond drill holes prefixes"92", "93", "94", "95" and "24"from the Ontario Drill Hole Database for this area.

Drill Hole ID	Easting	Northing	Elevation	Azimuth	Dip	Comment
JW-1992-01	489599	5641073	372	356	-57	
JW-1992-02	490851	5641216	367	2	-60	
JW-1992-03	490647	5641072	373	356	-54	
JW-1992-04	490394	5641176	368	355	-63	
JW-1993-05	489593	5640968	371	350	-58	
JW-1993-06	489474	5641041	369	355	-62	
JW-1993-07	489718	5641095	374	355	-64	
JW-1993-09	490521	5641157	366	349	-65	
JW-1993-10	490622	5641172	368	350	-65	
JW-1993-11	490648	5641059	374	359	-65	
JW-1994-12	490732	5641135	363	356	-64	
JW-1994-13	490522	5641023	371	0	-65	
JW-1994-14	490413	5641004	372	0	-68	
JW-1994-15	490028	5641141	376	355	-65	
JW-1995-19	490819	5641116	374	350	-68	
JW-1995-20	490464	5640810	373	0	-67	
JW-1995-21	491020	5640972	365	175	-55	
JW-1995-22	490933	5640972	367	350	-63	Collar out 5 feet
JW-24-01	489424	5641155	369	0	-46	
JW-24-02	490888	5641034	372	170	-45	
JW-24-05	489546	5641180	371	168	-65	Collar out 5 feet
JW-24-06	489424	5641123	370	8	-66	
JW-24-10	490774	5641109	375	176	-64	
JW-24-11	490902	5641263	362	359	-62	

**Diamond drill hole information (logs etc) from above collars can be found in assessment files 52K14NE2015, 52K14NE0030, 52K14NE0045, 52K14NE0008, 52K14NE0011 and 52K14NE8947.*

Easting, northing and elevation recorded from handheld Garmin GPSmap76CSx with approximately 5 m error. Azimuth recorded by placing straight stick parallel to dip of collar and measured using compass. Dip measured with inclination from compass.

Table 5: Resampling historical drill core GL98-2, azimuth 340 dip 45, collar at Zone 15 492982E 5643194N (NAD83). Drill core retrieved from the Red Lake Resident Geologist Program's core yard.

Drill Hole ID	Sample ID	From	To	Interval	Notes	Au_ppm
GL98-2	276912	92.2	94	1.8	Lt grey, fg well banded highly magnetic chl, ser, altered magnetite iron formation; overall 10% magnetite, fg banded with fg diss po 2-3%, grunerite-chl bands locally	< 0.005
GL98-2	276913	94	96	2	Lt grey, fg well banded highly magnetic chl, ser, altered magnetite iron formation; overall 10% magnetite, fg banded with fg diss po 2-3%, grunerite-chl bands locally	< 0.005
GL98-2	276914	96	98	2	Lt grey, fg well banded highly magnetic chl, ser, altered magnetite iron formation; overall 10% magnetite, fg banded with fg diss po 2-3%, grunerite-chl bands locally	< 0.005
GL98-2	276915	98	99.25	1.25	Lt grey, fg well banded highly magnetic chl, ser, altered magnetite iron formation; overall 10% magnetite, fg banded with fg diss po 2-3%, grunerite-chl bands locally	0.028
GL98-2	276916	99.25	100.5	1.25	Lt grey, fg well banded highly magnetic chl, ser, altered magnetite iron formation; overall 10% magnetite, fg banded with fg diss po 2-3%, grunerite-chl bands locally	0.005
GL98-2	276917	100.5	102.45	1.95	lt grey to dark grey, fg-mg intermediate dyke, non-magnetite, garnet present but locally banded; overall massive. @109.8-101 small cherty qtz section, @101.92-102.13 qtz vein perpendicular tca	< 0.005
GL98-2	276918	102.45	104	1.55	Lt grey, fg well banded highly magnetic chl, ser, altered magnetite iron formation; overall 10% magnetite, fg banded with fg diss po 2-3%, @102.93-103.26 intermediate dyke, biotite schist, perpendicular to c.a., @104.72 1-3 mm low angle quartz vein with tr py	< 0.005
GL98-2	276919	104	105.5	1.5	Lt grey, fg well banded highly magnetic chl, ser, altered magnetite iron formation; overall 10% magnetite, fg banded with fg diss po 2-3%, @102.93-103.26 intermediate dyke, biotite schist, perpendicular to c.a., @104.72 1-3 mm low angle quartz vein with tr py	< 0.005
GL98-2	276920	105.5	107	1.5	Lt grey, fg well banded highly magnetic chl, ser, altered magnetite iron formation; overall 10% magnetite, fg banded with fg diss po 2-3%, @102.93-103.26 intermediate dyke, biotite schist, perpendicular to c.a., @104.72 1-3 mm low angle quartz vein with tr py; mag sus taken from siltstone section/non-iron formation section	< 0.005
GL98-2	276921	107	108	1	pink feldspar quartz porphyry dyke at 50 to ca, with strong alteration halo above and below characterised by increased sulphur concentration; 1-3 mm py tr-cpy vein cross cutting qfp low angle to c.a., veining late feature	< 0.005
GL98-2	276922	108	108.6	0.6	highly oxidized sulphur smelly section within the iron formation, mag sus reading of oxidized sulphur rich section	0.005
GL98-2	276923	108.6	109.9	1.3	Lt grey, fg well banded highly magnetic chl, ser, altered magnetite iron formation; overall 10% magnetite, fg banded with fg diss po 2-3%	< 0.005

Abbreviations: Chl: chlorite, Ser: sericite, qtz: quartz, tca: to core axis, qfp: quartz feldspar porphyry, tr: trace, po: pyrrhotite, Lt: light and diss: disseminated

Photo 5: Pyritic vein cross cutting quartz feldspar porphyry within diamond drill hole GL98-2 (107-108 m).

7. PRELIMINARY 3D MODELLING OF THE JOY & DIAMOND WILLOW

During the summer of 2021 the company compiled, digitized, and created a 3D model of the Joy and Diamond Willow area. Only diamond drill holes which were accurately identified were imported into Leapfrog for interpretation (*Figure 8*). Diamond drill hole information was collected from several assessment files to catalogue lithology, down hole survey information, and gold values (52K14NE2015, 52K14NE0030, 52K14NE0045, 52K14NE0008, 52K14NE0011, 52k14NE8948 and 52K14NE8947). Assessment files (52K14NE2015 and 52K14NE8947) contained most of the information used during the remodelling process. The lithologies were catalogued into a lithological code format and these lithological codes were subsequently reclassified into their rock domains (mafic volcanics rocks, felsic intrusive rocks, footwall QFPs, and hanging wall QFPs). The modelled footwall QFP's consisted as quartz feldspar porphyry and feldspar crystal tuff as per their assessment files. The modelled middle volcanics consisted of siliceous felsic volcanic tuff, siliceous lapilli tuff, rhyolite flow/lapilli tuff, felsic tuff, lapilli fragments, felsic-int tuff/mod biotite ser-chl), intermediate tuff/biotite, felsic crystal lithic tuff/biot, and altered felsic lapilli tuff/strong chl-biot/tr py, cherty rhyolite fragments, as per their assessment files. The modelled hanging wall QFP's consisted of quartz feldspar porphyry and felsic crystal tuff, as per their assessment files. Geological modelling of footwall, middle volcanics and hanging wall units was constructed to constrain rock domains to specific stratigraphy (Figure 9).

The compilation work identified 17 individual lithological units which were reclassified down into 7 rock domain codes. The massive sulphide breccia (MSB) unit was modelled within Leapfrog software as a vein-type interpolate creating a planar linear model that had an orientation parallel with regional foliation. Generally, gold values were within or adjacent to the MSB and immediately above porphyritic rocks and/or felsic intrusive rocks (Figure 10). The deposition of copper and gold mineralization along the hanging wall contact of porphyritic rocks is analogous to the Arrow Zone on the Garnet Lake property (Carter & Bowdidge, 2017). However, gold values obtained within the Joy and Diamond Willow area were rare, generally low values (<2.6 g/t Au), and over short intervals.

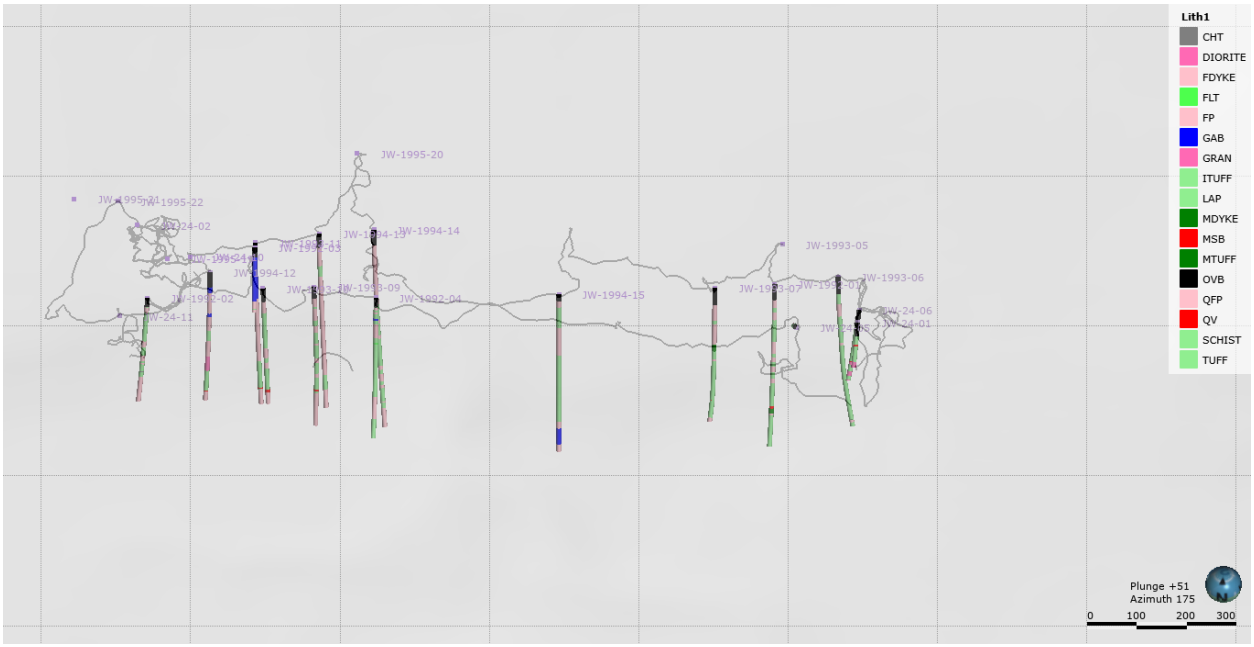


Figure 8: 3D modelling of relocated and compiled diamond drill hole information within the Joy area (right 5 ddh), Diamond Willow area (left 8 ddh), with field tracks toggled to surface.

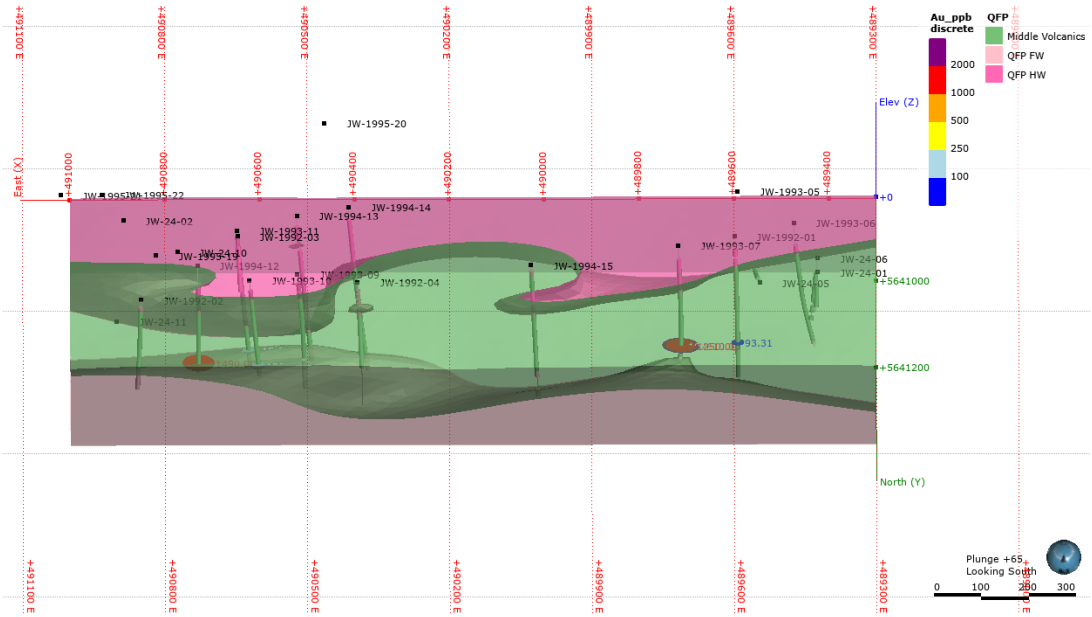


Figure 9: 3D modelling of footwall and hanging wall intrusive rock units with a sandwiched middle volcanic sequence. Gold values toggled on as discrete color disk.

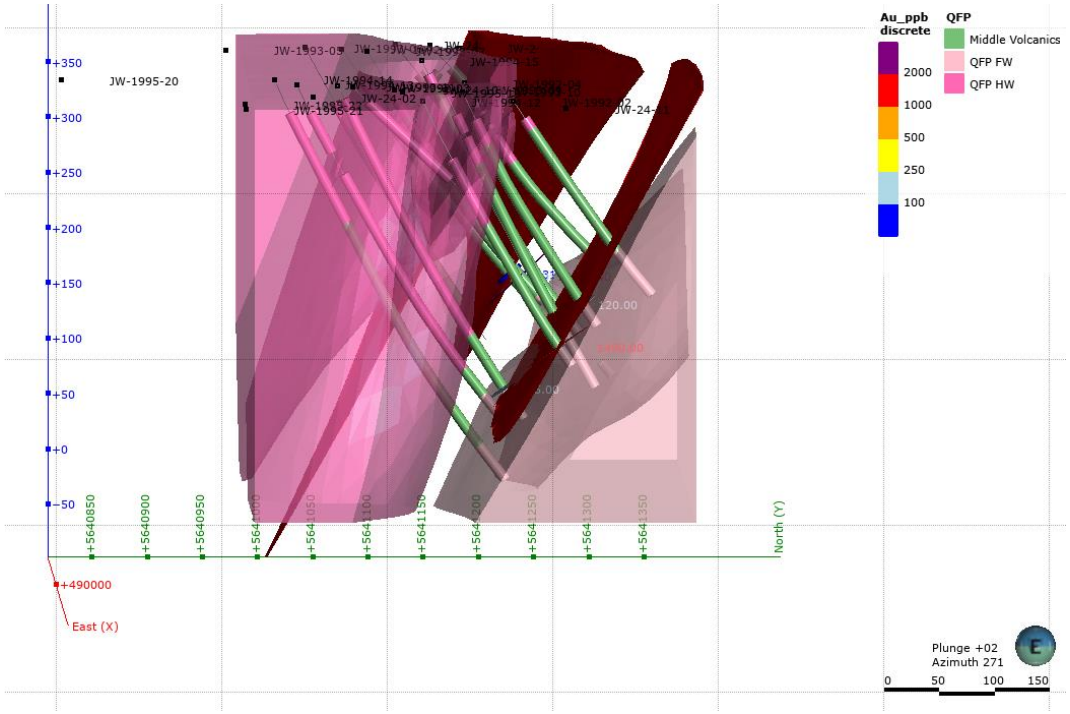


Figure 10: Cross section view of interpreted gold-bearing massive sulfides (red) as logged by previous operators within the footwall portion of the middle volcanic sequence, analogous to the Arrow Zone (Carter & Bowdidge, 2017). *QFP FW and QFP HW are characterized by felsic intrusive rocks while the middle volcanics are characterized by felsic to intermediate volcanic rocks, as per their assessment file.*

8. PROSPECT MAPPING

Field notes, observations, and structural measurements were collected during the 2021 prospecting program to identify geological and structural trends within the Joy, Gerry Lake and Copperlode West property. A total of 24 structural measurements were taken of foliations, shears, jointing, and S-folds (Figure 11). The field program identified regional penetrative foliations that strike northeast and dip steeply to the southeast. Mylonite and small-scale folds that trend parallel to the penetrative foliation were identified in a couple of locations (Photo 6, Photo 7). A secondary brittle deformation was identified striking northwest and dipping steeply to the northeast (Figure 11). This secondary brittle deformation is characterized as shears, joints/faults, and veining (Photo 8; Photo 9). The shearing identified within Photo 8 and Photo 9 has been interpreted to be cross cutting the residual magnetic intensity trend within the Joy, Gerry Lake and Copperlode West property (Figure 7).

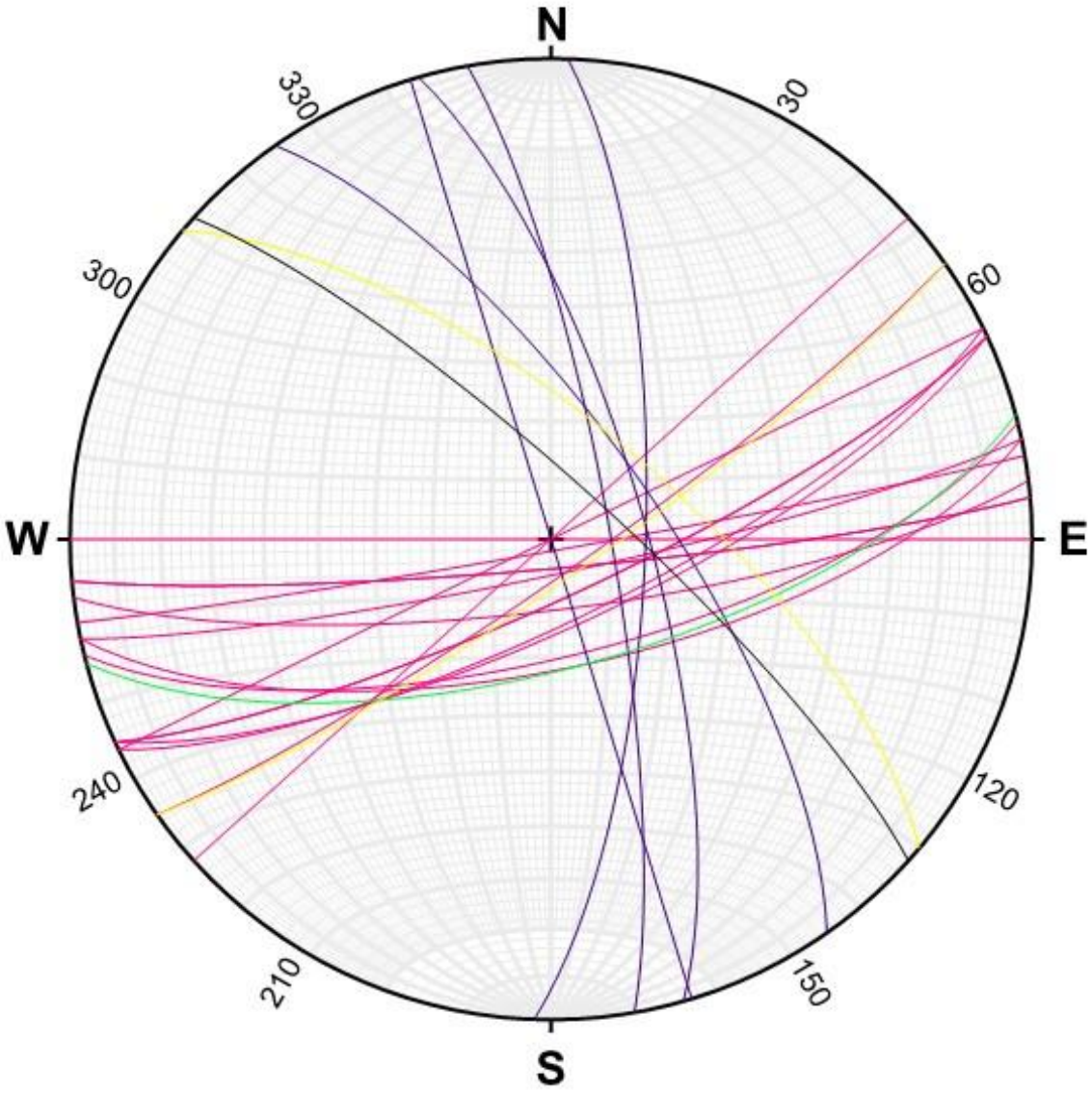


Figure 11: Stereonet plot of structural observations collected on Joy, Gerry, and Copperlode West property. Pink: Foliation, Joints: Purple, S-Fold: Green, Shear: Yellow, and Veins: Black.

Table 6: Structure measurements table used for stereonet.

ELEVATION	UTM_E	UTM_N	STRUCT_1	STRIKE_1	DIP_1	COMMENTS
385	490656	5641428	J1 - jointing	350	80	
384	491387	5641584	J1 - jointing	2	74	
291	492417	5642394	J1 - jointing	325	72	
405	497635.9	5644625	J1 - jointing	344	74	
399	498296.1	5644622	J1 - jointing	343	90	Weak jointing cross cutting foliation
395	498102.5	5644753	S1 - foliation	48	90	Moderate Foliation
	502423.2	5642252	S1 - foliation	270	90	Weakly foliated felsic intrusive
	503113.8	5640828	S1 - foliation	244	90	
387	498642.1	5645586	S1 - foliation	65	80	Moderate Foliation
400	498404	5645179	S1 - foliation	64	76	Moderate to strong foliation
409	497233.9	5644206	S1 - foliation	65	80	Weak foliation
411	497490.6	5644333	S1 - foliation	55	84	Weak and squished pillows
380	490591	5641438	S1 - foliation	80	88	
389	490719	5641518	S1 - foliation	85	85	
392	490857	5641522	S1 - foliation	83	78	
385	490984	5641495	S1 - foliation	85	85	
392	492576	5642437	S1 - foliation	78	84	
392	492654	5642429	S1 - foliation	65	75	
363	493338	5642949	S1 - foliation	78	68	Highly Accurate Measurement for foliation
386	492863	5643281	S1 - foliation	76	70	
384	491387	5641581	s-fold	75	68	dip dip-direction of s-trace
412	497533.5	5644373	shear	310	70	Shear cross cutting foliation, lines up with geophysical break
362	493439	5642832	shear	55	83	Strong shearing, veining
393	492476	5642386	V1 - veining	312	80	

Photo 6: A strongly sheared mylonitic section trending parallel to regional foliation. Zone 15 493439E 5642832N 362Z (NAD83).

Photo 7: Field photo observation of small-scale folding (S-Fold), with axial trace parallel to pencil, with a second fold located below blue hammer handle. Zone 15, 491387E 5641581N 382Z (NAD83).

Photo 8: Field photo of cross cutting shear that lines up with residual magnetic intensity breaks. Zone 15 497533E 5644372N 412Z (NAD83).

Photo 9: Strong veining within silicified mafic volcanics and/or volcaniclastic unit. Quartz feldspar veining parallel to regional foliation, with occasional northwest trending veins. Zone 15, 493439E 5642830N 362Z (NAD83).

9. SGH PROSPECTING

Several SGH anomalies were field checked during September 2021. The work was performed by co-author, T. Hughes over nine days. The SGH sampling programme was completed earlier in the year and was submitted as an assessment report (Paterson & Wright, 2021).

The following are summaries of the prospecting carried out by T. Hughes over several SGH anomalies (shown as transparencies). Waypoints and tracks are shown.

1. South Caravelle

Mafic volcanic and gabbroic rocks.

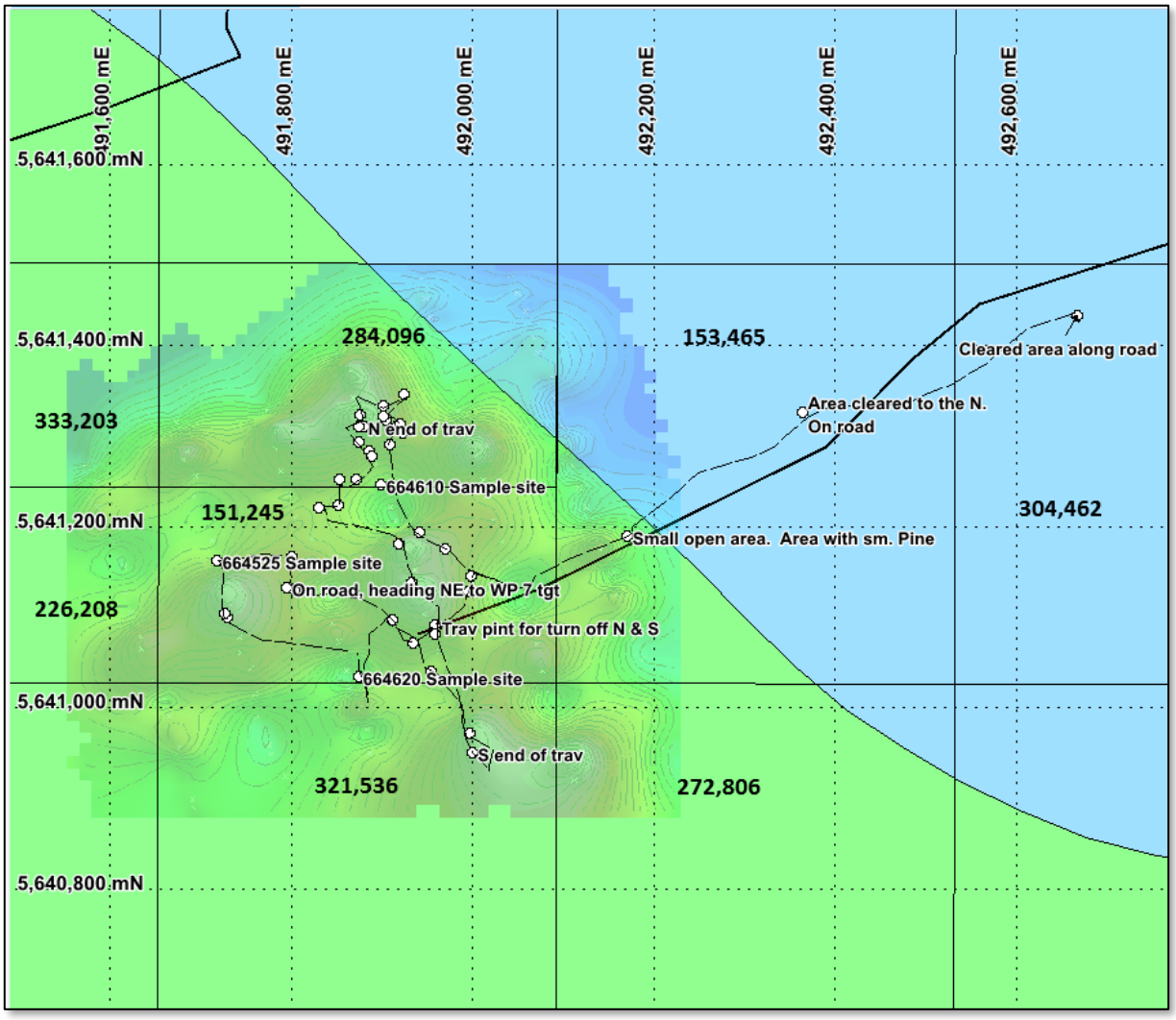


Figure 12 Gerry-Joy geochem traverses I

Scale 1:5000

The area has been clear cut with partial re-growth of mainly pine. No outcrops were located. Surficial geology is silt-fine to medium sand. Drainage is northerly north of the road. Overall topography is flat. Several SGH sample sites were verified and inspected.

2. Grid D

Underlain by ?Agnew Sequence mafic volcanic rocks and (later) gabbros

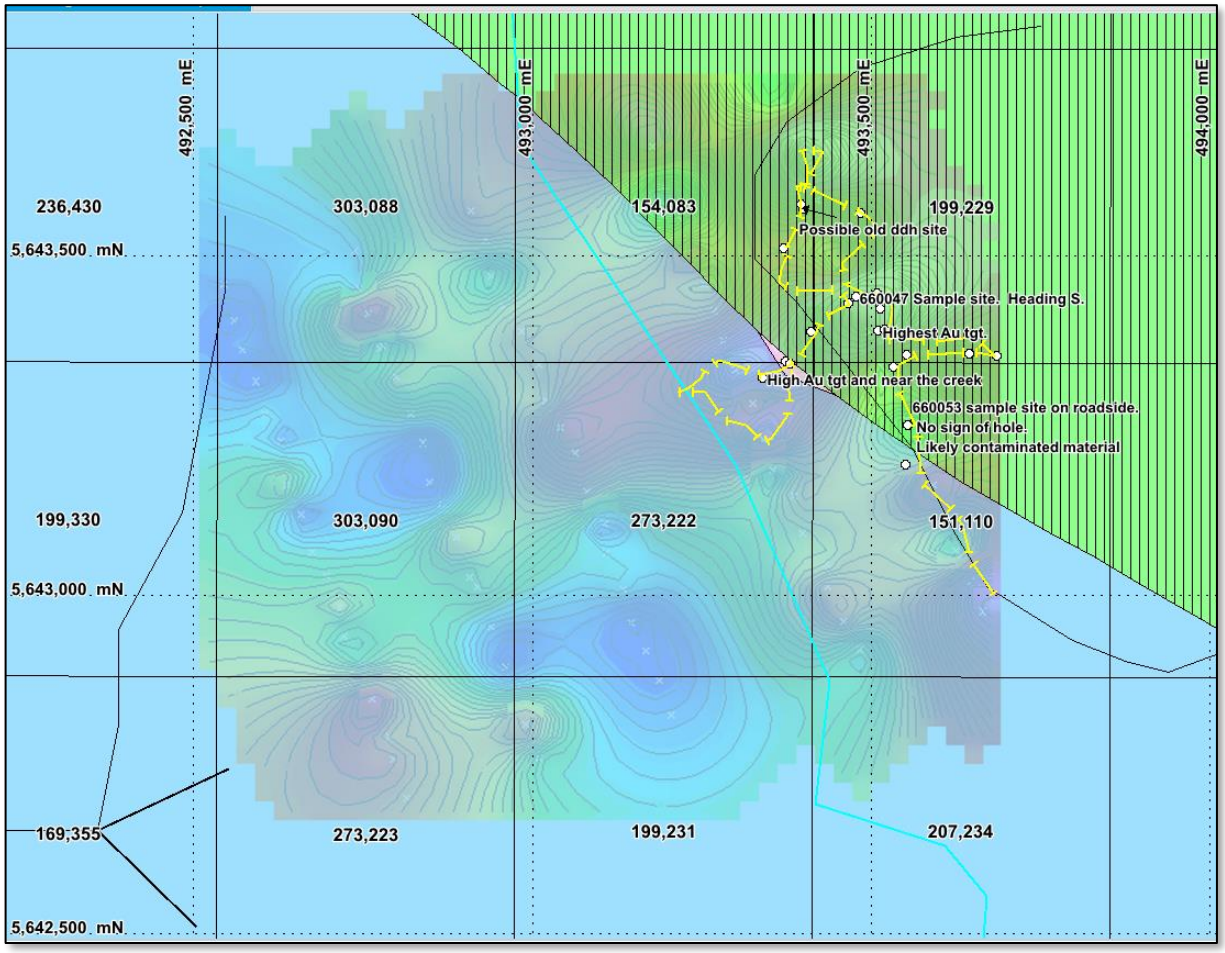


Figure 13 Gerry-Joy geochem traverses II

Scale 1:6000

The area has been clear cut with partial re-growth of mainly pine. No outcrops were located. Surficial geology is silt-fine to medium sand. Drainage is northerly with one creek bisecting the SGH grid area. Overall topography is low undulose to flat, but locally with relatively steep incision, down to the creek.

An old logging road runs north across the centre of the area, east of the creek. A secondary drainage system trending east-west cuts the centre-east portion of the SGH grid, with seasonal drainage, now with old beaver dams and re-vegetation replacing the creek.

3. Grid E

Granodiorite-quartz monzonite in the north, with a wedge of undifferentiated mafic volcanic rocks and in the centre and south, undifferentiated intermediate to mafic volcanic rocks of the ?Agnew Sequence.

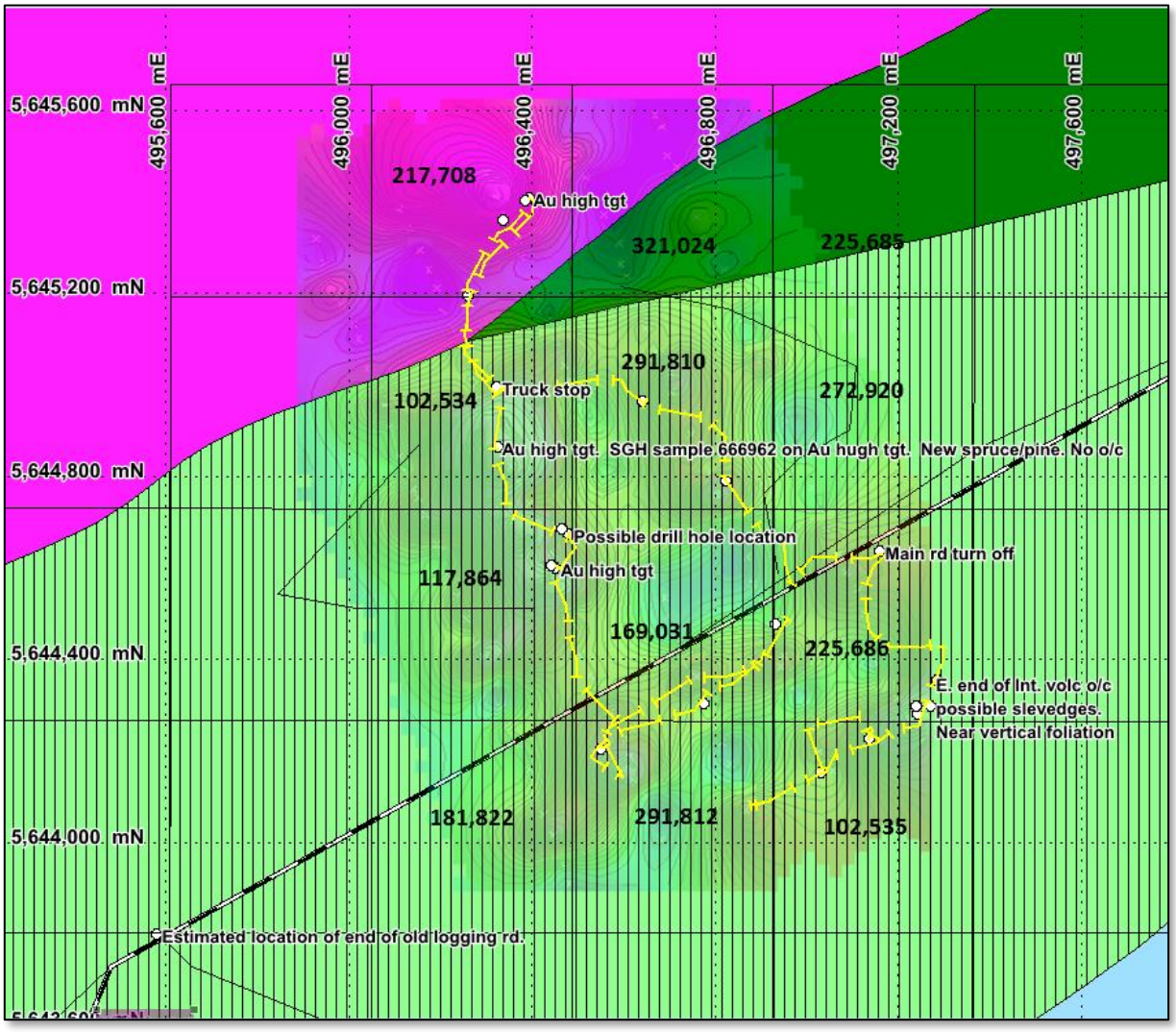


Figure 14 Gerry-Joy geochem traverses III

Scale 1:7000

The area has been clear cut with partial re-growth of mainly pine. The only outcrops located were south of the main haul road, which appear to be possible flows, in part pillowed, with negligible alteration and sulphides. Surficial geology is silt-fine to medium sand. Overall topography is flat. A possible old drill site was located but no steel was found, only old ?-sills in a clearing.

4. Grid F (Copperlode West)

Mafic volcanic suite intruded by gabbro, and to the south, a large tonalite-diorite intrusive/gneissic suite

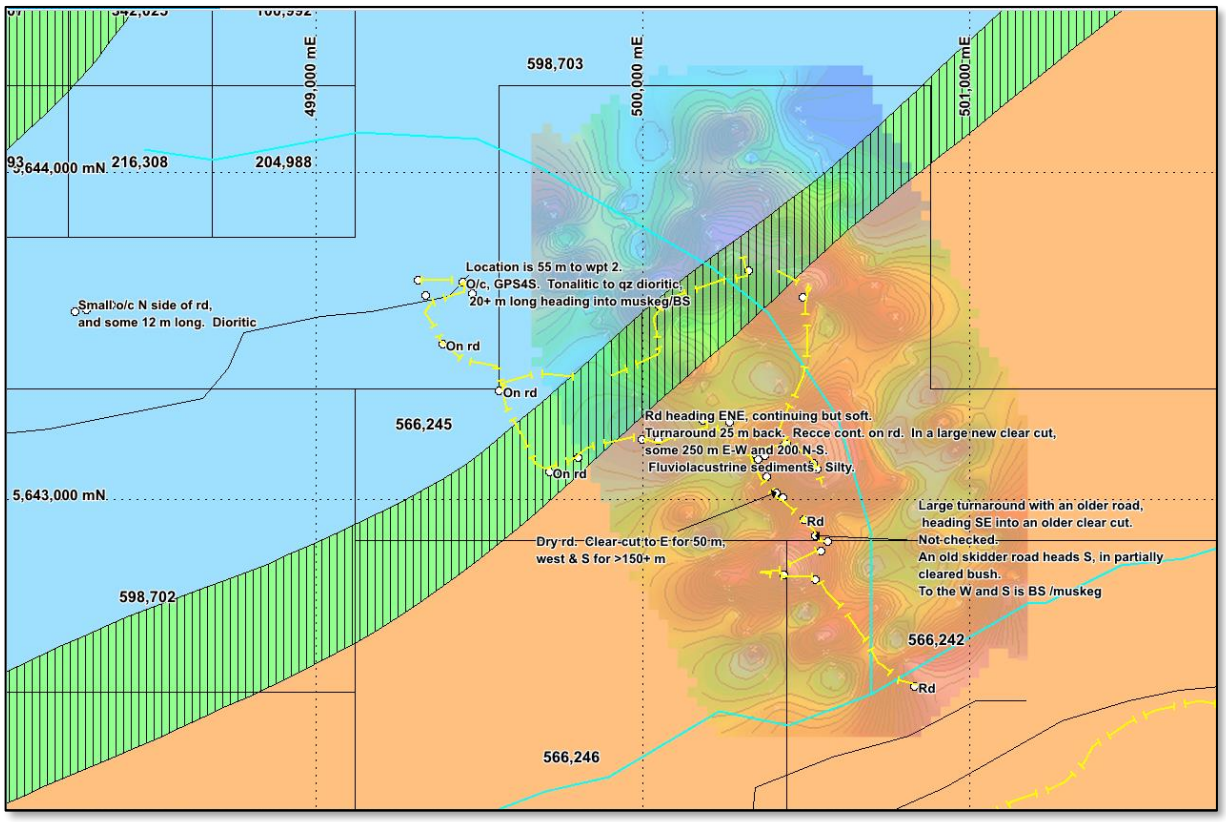


Figure 15 Copperlode geochem traverses I

Scale 1:10,000

No outcrop located, on a flat fluviolacustrine, silty to clay-silt-fine sand plain, with poor drainage. The creeks are seasonal, very poorly flowing, and modified by old and very recent clear-cutting. Much of the SGH grid area is muskeg, with remnant black spruce, with most of it logged.

Off the SGH grid area, several small to medium sized gabbro and diorite exposures crop out near the access road

5. Grid H

Tonalite-diorite-trondhjemite and Agnew Sequence felsic volcanic rocks

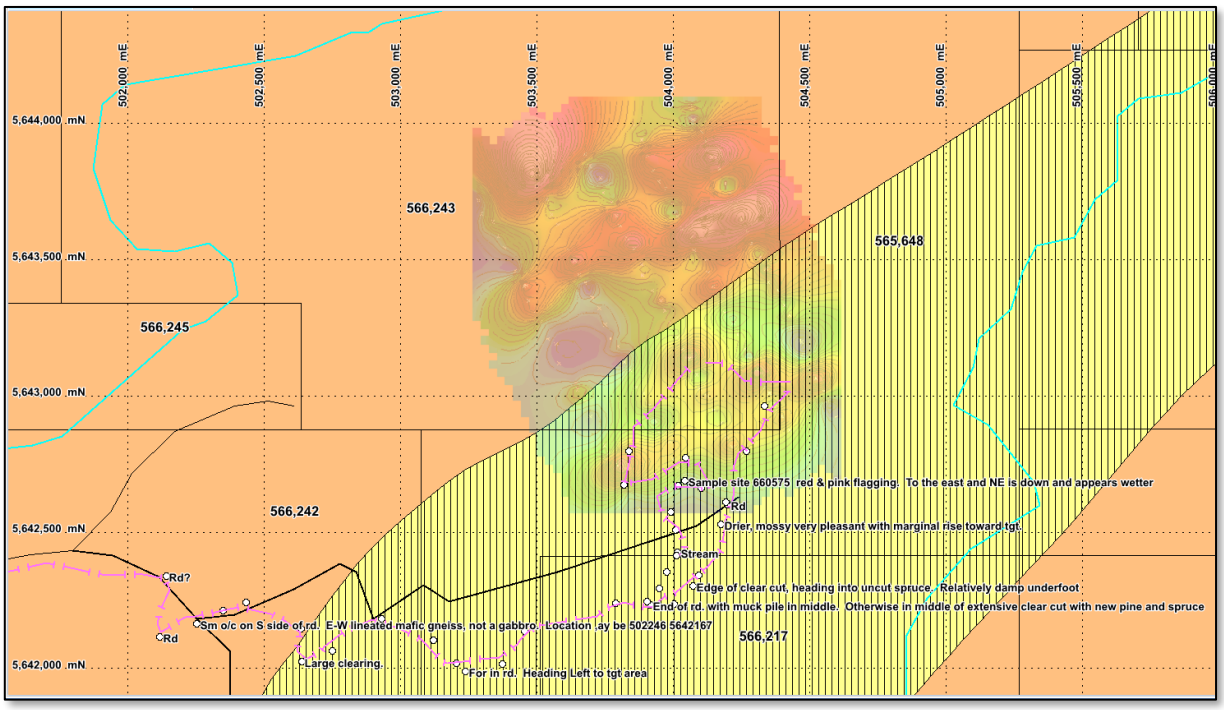


Figure 16 Copperlode geochem traverses II

Scale: 1:10,000

No outcrop located, on a flat fluviolacustrine, silty to clay-silt-fine sand plain, with poor drainage. Western approaches to the area are clear-cut. The southern portion of the SGH grid area is primary forest, with no outcrop observed.

Additional work is required to check northern areas of the SGH grid.

10. CONCLUSIONS

The orientation surveys over the western portion of Gerry-Joy returned gold anomalies over known and suspected gold mineralisation, confirming the SGH method is a viable tool for exploration in the region.

Checks on drilling on or near Gerry-Joy indicate a large number in the government database have been incorrectly plotted. In the same area, many of the old drill hole locations have been lost due to clear cutting and other forestry practices.

The dearth of outcrop on the properties requires a major focus utilising new magnetic data and a comprehensive review of past geochemical surveys.

Even with the lack of outcrop, official geology maps appear to have significant errors with respect to lithology and location.

Grids in the north and east of the Copperlode block require trails to be cut and in some instances, cross-creek access to facilitate systematic exploration.

Based on very limited exposures, the majority of the Copperlode block is probably underlain by a combination of tonalite, trondhjemite, granite, and granite gneiss that has variably altered or assimilated the supracrustal sequence.

11. RECOMMENDATIONS

It is recommended prospecting and mapping of the properties be continued to further delineate important structures, this with the aid of the TGM airborne survey. Prospecting and mapping should focus on identifying gold-bearing structures, lithological boundaries and alteration patterns.

More work should be applied to accurately locate historical diamond drill collars because there is the potential to identify gold-bearing structures from historically developed VMS-deposits (example Arrow Zone) within the Joy, Gerry Lake and Copperlode West property. Whole rock geochemistry and geochronology may be an important tool that can help identify prominent lithostratigraphic domains associated with the Women River (±Balmer affinity) and Confederation volcanic rocks.

Respectfully Submitted,

T.N.J. Hughes, P. Geo., S. Lewis, P. Geo

12. STATEMENT OF QUALIFICATIONS

1. I, Samuel Lewis, currently reside at 65 Goldshore Rd, Red Lake, Ontario.
2. I am a graduate of Geological Sciences from University of Manitoba, Winnipeg, Manitoba (B.Sci, 2015).
3. I have been working within the gold exploration industry since 2011 and as a geologist in Yukon, British Columbia, Manitoba and Ontario since 2015. I'm a well experienced exploration geologist that has led prospecting, mapping and soils teams, experience with diamond drill management and well-versed with GIS, geochemical and 3D geological software.
4. I am a current practicing member of the Professional Geoscientist of Ontario (Membership #3401).
5. I am a licenced Prospector, residing and working in the province of Ontario (Prospector's Licence # 2001582).
6. I was involved in the planning, supervision, and work outlined in this report and have review the contents of this report.
7. I am not aware of any material fact with respect to the subject matter of this report, titled, "Confederation Belt Properties, 2021 Prospecting Report for Joy, Gerry Lake and Copperlode West Properties" or the omissions of which may make this report misleading.

Dated:

Signed

Samuel Lewis

I, Toby N.J. Hughes, P. Geo., Vancouver, BC, do hereby certify that:

I have a B.Sc. Hons. Degree, Geology, from The University, Dundee, Scotland (1980)

I am registered with the Association of Professional Geoscientists of Ontario (APGO)

I have practiced my profession continuously for over forty years since graduation.

I hold no direct interest in Trillium Gold Mines Inc.

I am co-author of this report, and visited the property over two weeks in September, 2021.

I have had prior involvement in the property, working as a consultant to Trillium Gold Mines Inc.

As of the date of the certificate, to the best of my knowledge, information and belief, the report contains all scientific information to be disclosed to make the report not misleading.

Dated: 3.8.2022

Signature

T.N.J. Hughes, P. Geo

13. BIBLIOGRAPHY

Carter, G. S., & Bowdidge, C. (2017). NI43-101 Technical Report and Mineral Resource Estimate on the Garnet Lake Property.

Lemkow, D. R., Sanborn-Barrie, M., Bailes, A. H., Percival, J. A., Rogers, N., Skulski, T., . . . Young, M. (2006). GIS compilation of geology and tectonostratigraphic assemblages, western Uchi Subprovince, western Superior Province, Ontario and Manitoba; Geological Survey of Canada, Open File Report 5269, Manitoba Geological Survey Open File Report OF2006-30, Ontario .

Paterson, W. & Wright, A., 2021 Confederation Belt Properties Spatiotemporal Geochemical Hydrocarbon Sampling Program. Trillium Gold Mines. Inc. Nov. 10, 2021

14. WORK REPORT SUMMARY

Person	Description	Date From	Date To	Man Days
Samuel Lewis	Driving to Joy property, assess access, relocated historical diamond drill collars, and quadding into old logging trails, taking photos and notes of outcrop and occasional rock sampling, pre-data compilation.	2021-05-10	2021-05-15	5 days
Samuel Lewis	Driving to Joy property, relocating diamond drill holes, prospecting western side of Joy Property, collecting waypoints, rock samples, structure measurements and field photos. Occasional, data compilation.	2021-05-16	2021-05-31	10 days
Samuel Lewis	Driving to Joy and Gerry Lake property, prospecting western and eastern side, cataloguing waypoints, field observations, collecting samples, taking photos, and preliminary 2d-3d digitization.	2021-06-01	2021-06-15	11 days
Samuel Lewis	Retrieving GL98-2 from Ministry core yard. Relogging and sampling of GL982. Concurrently, data compilation, Digitizing newly acquired rock data, field photos, field waypoints into QGIS. Updating maps and planning new field traverses.	2021-06-16	2021-06-18	2 days
Samuel Lewis	Prospecting Gerry Lake and Copper Lode West dominantly (East Side), access difficult but good for quadding, outcrop identified, field photos, field waypoints and occasional rock sample collected.	2021-07-01	2021-07-15	2 days
Samuel Lewis	Prospecting Gerry Lake and Copper Lode West, ATV brought out for increased mobility. Collected rock samples, waypoints, field observations and structural measurements.	2021-08-15	2021-08-31	3 days
Samuel Lewis	Data digitization in 2d-3d software and complete pre-lim structure interpretation. Relabeling photos, amalgamating tracks, field photos, rock photos and creating a parent folder to house all data collected so far. Importing data into software for use in reports and assessment filing.	2021-09-01	2021-09-15	2 days
Samuel Lewis	Focused on 3d modeling of historical diamond drill hole information. Reclassifying litho types into rock domains, modelling stratigraphy with focus on rock domains and mineralization.	2021-09-16	2021-09-30	3 days
				38 days

Person	Description	Date From	Date To	Man Days
T. Hughes	Driving to Gerry-Joy property, assess access, prospect and ground truth geochem anomalies, taking photos and notes of outcrop and surficial geology	19.9.21	21.9.21	3 days
T. Hughes	Driving to Copperlode property, assess access, prospect and ground truth geochem anomalies, taking notes of outcrop and surficial geology	22.9.21	25.9.21	4 days
T. Hughes	Driving to Copperlode property, assess access, prospect and ground truth geochem anomalies, taking notes of outcrop and surficial geology	26.9.21	27.9.21	2 days

APPENDIX 1

ACTLAB CERTIFICATES

Report No.: **A21-13737**
Report Date: **08-Sep-21**
Date Submitted: **08-Jul-21**
Your Reference: **JOY PROPERTY**

Trillium Gold Mines Inc.
1055 West Hastings Street, Suite 2250
Vancouver BC V6E 2E9
Canada

ATTN: Denise Saunders

CERTIFICATE OF ANALYSIS

34 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Dryden - 10g/t	QOP AA-Au (Au - Fire Assay AA)	2021-09-07 15:36:11
Weight Report in Kg-Dryden	Received and Pulp Weights-Dryden	2021-08-10 15:35:14

REPORT **A21-13737**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
264 Government Road, Dryden, Ontario, Canada, P8N 2R3
TELEPHONE +807 223-6168 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Received Weight	Au	Au
Unit Symbol	Kg	g/mt	
Detection Limit		0.005	
Analysis Method	none	FA-AA	FA-GRA
276901	1.38	0.015	
276902	3.47	0.024	
276903	3.70	< 0.005	
276904	3.10	0.006	
276905	3.20	< 0.005	
276906	2.11	< 0.005	
276907	2.31	< 0.005	
276908	4.65	< 0.005	
276909	3.52	< 0.005	
276910	3.85	< 0.005	
276911	3.18	0.018	
276924	2.54	0.030	
276925	2.07	< 0.005	
276926	4.16	< 0.005	
276927	5.43	0.008	
276928	1.53	0.039	
276929	2.16	< 0.005	
276930	2.73	< 0.005	
276931	3.40	0.058	
276932	2.22	< 0.005	
276933	2.28	< 0.005	
276934	0.910	0.021	

Analyte Symbol	Received Weight	Au	Au
Unit Symbol	Kg	g/mt	
Detection Limit		0.005	
Analysis Method	none	FA-AA	FA-GRA
Oreas E1336 (Fire Assay) Meas		0.492	
Oreas E1336 (Fire Assay) Meas		0.491	
Oreas E1336 (Fire Assay) Meas		0.494	
Oreas E1336 (Fire Assay) Meas		0.498	
OREAS 216b Meas		6.48	
OREAS 216b Meas		6.50	
OREAS 216b Meas		6.34	
OREAS 216b Meas		6.49	
276902 Dup		0.027	
276917 Dup		< 0.005	
276918 Split PREP DUP		< 0.005	
276924 Dup		0.026	
276934 Dup		0.018	
Method Blank		< 0.005	
Method Blank		< 0.005	
Method Blank		< 0.005	
Method Blank		< 0.005	
Method Blank		< 0.005	
Method Blank		< 0.005	
Method Blank		< 0.005	
Method Blank		< 0.005	
Method Blank		< 0.005	

Quality Analysis ... *Innovative Technologies*

Report No.: **A21-14607**
Report Date: **16-Sep-21**
Date Submitted: **03-Aug-21**
Your Reference: **JOY PROPERTY**

Trillium Gold Mines Inc.
1055 West Hastings Street, Suite 2250
Vancouver BC V6E 2E9
Canada

ATTN: William Paterson

CERTIFICATE OF ANALYSIS

17 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Dryden - 10g/t	QOP AA-Au (Au - Fire Assay AA)	2021-09-15 13:56:45
Weight Report in Kg-Dryden	Received and Pulp Weights-Dryden	2021-09-10 16:33:16

REPORT **A21-14607**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
264 Government Road, Dryden, Ontario, Canada, P8N 2R3
TELEPHONE +807 223-6168 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Received Weight	Au	Au
Unit Symbol	Kg	g/mt	
Detection Limit		0.005	
Analysis Method	none	FA-AA	FA-GRA
276945	4.65	< 0.005	
276946	5.73	< 0.005	
276947	6.89	< 0.005	
276948	2.47	< 0.005	

Analyte Symbol	Received Weight	Au	Au
Unit Symbol	Kg	g/mt	
Detection Limit		0.005	
Analysis Method	none	FA-AA	FA-GRA
Oreas E1336 (Fire Assay) Meas		0.492	
Oreas E1336 (Fire Assay) Meas		0.494	
Oreas E1336 (Fire Assay) Meas		0.496	
OREAS 216b Meas		6.59	
OREAS 216b Meas		6.57	
OREAS 216b Meas		6.55	
276943 Split PREP DUP		< 0.005	
276943 Split PREP DUP		< 0.005	
Method Blank		< 0.005	
Method Blank		< 0.005	
Method Blank		< 0.005	
Method Blank		< 0.005	
Method Blank		< 0.005	

Quality Analysis ... *Innovative Technologies*

Report No.: **A21-18870**
Report Date: **02-Dec-21**
Date Submitted: **07-Oct-21**
Your Reference: **Confederation (Fly 80%, Joy 20%)**

Trillium Gold Mines Inc.
1055 West Hastings Street, Suite 2250
Vancouver BC V6E 2E9
Canada

ATTN: Denise Saunders

CERTIFICATE OF ANALYSIS

42 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Dryden Treasury	QOP AA-Au (Au Fire Assay AA)	
Weight Report in Kg-Dryden	Received and Pulp Weights-Dryden	2021-11-19 15:47:22

REPORT **A21-18870**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
264 Government Road, Dryden, Ontario, Canada, P8N 2R3
TELEPHONE +807 223-6168 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Received Weight	Au	Au
Unit Symbol	Kg	g/mt	
Detection Limit		0.005	
Analysis Method	none	FA-AA	FA-GRA
657012	2.58	< 0.005	
657058	1.82	0.005	

Analyte Symbol	Received Weight	Au	Au
Unit Symbol	Kg	g/mt	
Detection Limit		0.005	
Analysis Method	none	FA-AA	FA-GRA
Oreas E1336 (Fire Assay) Meas		0.506	
Oreas E1336 (Fire Assay) Meas		0.526	
Oreas E1336 (Fire Assay) Meas		0.496	
Oreas E1336 (Fire Assay) Meas		0.517	
Oreas E1336 (Fire Assay) Meas		0.522	
Oreas E1336 (Fire Assay) Meas		0.529	
Oreas E1336 (Fire Assay) Meas		0.524	
Oreas E1336 (Fire Assay) Meas		0.524	
Oreas E1336 (Fire Assay) Meas		0.515	
Oreas E1336 (Fire Assay) Meas		0.507	
Oreas E1336 (Fire Assay) Meas		0.510	
Oreas E1336 (Fire Assay) Meas		0.495	
OREAS 216b Meas		6.50	
OREAS 216b Meas		6.51	
OREAS 216b Meas		6.74	
OREAS 216b Meas		6.46	
OREAS 216b Meas		6.95	
OREAS 216b Meas		6.53	
OREAS 216b Meas		6.80	
OREAS 216b Meas		6.50	
OREAS 216b Meas		6.41	
OREAS 216b Meas		6.44	
OREAS 216b Meas		6.40	
657005 Dup		< 0.005	
657019 Split PREP DUP		< 0.005	
657019 Split PREP DUP		< 0.005	
657027 Dup		0.010	
657055 Dup		< 0.005	
Method Blank		< 0.005	
Method Blank		< 0.005	

Analyte Symbol	Received Weight	Au	Au
Unit Symbol	Kg	g/mt	
Detection Limit		0.005	
Analysis Method	none	FA-AA	FA-GRA
Method Blank		< 0.005	
Method Blank		< 0.005	
Method Blank		< 0.005	
Method Blank		< 0.005	
Method Blank		< 0.005	
Method Blank		< 0.005	
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Method Blank		< 0.005	
Method Blank		< 0.005	

Confederation Belt West Prospecting Survey - Total costs

Costs associated with 2021 Prospecting survey on Confederation Belt - West Block

Prospecting survey costs

Inv #	Inv ref	Inv Amt	Pro rata	Applicable cost	Category	Inv date	Inv company	Details
1	2021-05	$ 2,100.00	100%	$ 2,100.00	Prospecting	15-May-21	HGE Consulting	5 days propsecting on West Block claims - Gerry-Joy, Copperlode (wages)
2	2021-06	$ 4,200.00	100%	$ 4,200.00	Prospecting	31-May-21	HGE Consulting	10 days propsecting on West Block claims - Gerry-Joy, Copperlode (wages)
3	2021-07	$ 4,620.00	100%	$ 4,620.00	Prospecting	15-Jun-21	HGE Consulting	11 days propsecting on West Block claims - Gerry-Joy, Copperlode (wages)
4	2021-08A	$ 840.00	100%	$ 840.00	Prospecting	30-Jun-21	HGE Consulting	2 days propsecting on West Block claims - Gerry-Joy, Copperlode (wages)
5	2021-10A	$ 840.00	100%	$ 840.00	Prospecting	29-Jul-21	HGE Consulting	2 days propsecting on West Block claims - Gerry-Joy, Copperlode (wages)
6	2021-12A	$ 1,260.00	100%	$ 1,260.00	Prospecting	26-Aug-21	HGE Consulting	3 days propsecting on West Block claims - Gerry-Joy, Copperlode (wages)
7	2021-13B	$ 840.00	100%	$ 840.00	Prospecting	13-Sep-21	HGE Consulting	2 days propsecting on West Block claims - Gerry-Joy, Copperlode (wages)
8	2021-14A	$ 1,260.00	100%	$ 1,260.00	Prospecting	27-Sep-21	HGE Consulting	3 days propsecting on West Block claims - Gerry-Joy, Copperlode (wages)
9	12	$ 5,670.00	100%	$ 5,670.00	Prospecting	14-Oct-21	Antediluvial Consulting Inc.	9 days propsecting on West Block claims (wages)
			Total	$ 21,630.00				
Associated costs (work)								
10	2021-05	$ 200.00	100%	$ 200.00	Transportation	15-May-21	HGE Consulting	Truck/ATV rental - May 1-15 (2 days)
11	15030008089	$ 1,892.75	42%	$ 793.73	Transportation	4-Jun-21	National Rentals - May	Truck lease (13 days) not covered by Consultant's billing May 1-30 invoice period (rental trucks received May 3)
12	15030046146	$ 1,892.75	43%	$ 820.19	Transportation	4-Jul-21	National Rentals - June	Truck lease (13 days) June
13	15030107602	$ 1,892.75	6%	$ 122.11	Transportation	3-Aug-21	National Rentals - July	Truck lease (2 days) July
14	15030169877	$ 1,892.75	10%	$ 183.17	Transportation	2-Sep-21	National Rentals - Aug	Truck lease (3 days) August
15	15030261701	$ 1,892.75	17%	$ 315.46	Transportation	2-Oct-21	National Rentals - Sept Truck #1	Truck lease (5 days) September (SL)
16	15030261648	$ 1,892.75	30%	$ 567.83	Transportation	2-Oct-21	National Rentals - Sept Truck #2	Truck lease (9 days) September (TH)
17	G-1	$ 86.50	100%	$ 86.50	Transportation	1-May-22	TJ's Kwik Stop	gas
18	G-2	$ 90.00	100%	$ 90.00	Transportation	2-May-22	TJ's Kwik Stop	gas
19	G-3	$ 41.00	100%	$ 41.00	Transportation	14-May-21	TJ's Kwik Stop	gas
20	G-4	$ 107.00	100%	$ 107.00	Transportation	9-Jun-21	TJ's Kwik Stop	gas
21	-	$ 1,050.00	100%	$ 1,050.00	Transportation	-	lost gas receipts	Ave cost per day for gas on this job ~ $65/day - allocated $50/day for lost gas receipts, to cover 10 work days in May and 11 work days in June
22	G-5	$ 100.00	100%	$ 100.00	Transportation	22-Jul-21	TJ's Kwik Stop	gas
23	G-6	$ 131.00	100%	$ 131.00	Transportation	27-Aug-21	TJ's Kwik Stop	gas
24	G-7	$ 134.00	100%	$ 134.00	Transportation	18-Sep-21	TJ's Kwik Stop	gas
25	G-8	$ 138.00	100%	$ 138.00	Transportation	21-Sep-21	TJ's Kwik Stop	gas
26	G-9	$ 95.00	100%	$ 95.00	Transportation	25-Sep-21	TJ's Kwik Stop	gas
27	G-10	$ 101.00	100%	$ 101.00	Transportation	27-Sep-21	TJ's Kwik Stop	gas
28	RYM6M4	$ 642.08	40%	$ 256.83	Transportation	13-Sep-21	Bearskin Air	Travel expenses (TH) - Wpg to Red Lake - pro-rated ON border to Red Lake portion (40%)
29	54CAHT	$ 713.14	40%	$ 285.26	Transportation	29-Sep-21	Bearskin Air	Travel expenses (TH) - Red Lake to Wpg - pro-rated ON border to Red Lake portion (40%)
30	Expense# 17	$ 14.95	100%	$ 14.95	Food	16-Sep-21	Howey Bay Motel	Consultant meals
31	Expense# 25	$ 32.42	100%	$ 32.42	Food	16-Sep-21	Howey Bay Motel	Consultant meals
32	Expense# 28	$ 21.95	100%	$ 21.95	Food	17-Sep-21	Howey Bay Motel	Consultant meals
33	Expense# 8	$ 10.21	100%	$ 10.21	Food	17-Sep-21	The Pit Stop	Consultant snack
34	Expense# 10	$ 15.65	100%	$ 15.65	Food	17-Sep-21	The Balmer	Consultant meals
35	Expense# 16	$ 42.07	100%	$ 42.07	Food	17-Sep-21	The Thirsty Moose	Consultant meals
36	Expense# 12	$ 43.75	100%	$ 43.75	Food	18-Sep-21	IGA	Groceries
37	Expense# 21	$ 30.23	100%	$ 30.23	Food	18-Sep-21	Antonio's	Consultant meals
38	Expense# 18	$ 28.56	100%	$ 28.56	Food	20-Sep-21	unk.	Consultant meals
39	Expense# 22	$ 52.92	100%	$ 52.92	Food	21-Sep-21	The Thirsty Moose	Consultant meals
40	Expense# 29	$ 41.36	100%	$ 41.36	Food	22-Sep-21	The Thirsty Moose	Consultant meals
41	Expense# 26	$ 85.19	100%	$ 85.19	Food	23-Sep-21	IGA	Groceries
42	Expense# 27	$ 38.25	100%	$ 38.25	Food	25-Sep-21	Food Fair	Groceries
43	Expense# 14	$ 31.20	100%	$ 31.20	Food	25-Sep-21	The Balmer	Consultant meals
44	Expense# 24	$ 30.08	100%	$ 30.08	Food	26-Sep-21	IGA	Groceries
45	Expense# 11	$ 42.14	100%	$ 42.14	Food	27-Sep-21	The Balmer	Consultant meals
46	Expense# 20	$ 14.46	100%	$ 14.46	Food	28-Sep-21	The Pit Stop	Consultant meals
47	Expense# 23	$ 24.81	100%	$ 24.81	Food	28-Sep-21	The Balmer	Consultant meals
48	62811	$ 1,519.96	100%	$ 1,519.96	Lodging	29-Sep-21	The Howey Motel	Accommodations: Sept 16 to 29, 2021 (TH)
49	-	$ 2,500.00	100%	$ 2,500.00	Report	7-Mar-22	Internal charge ($500/day)	Prospecting report - 5 days - SL
50	23.8.22	$ 1,200.00	100%	$ 1,260.00	Report	23-Aug-22	Antediluvial Consulting Inc.	Prospecting report - 2 days - TH
Associated Costs (assaying)								
51	3301266301	$ 360.62	33%	$ 119.00	Shipping samples	29-Jun-21	Manitoulin Transport	Shipping samples to lab (1 pallet CB; 2 pallets GC) - prorated
52	3301306884	$ 117.73	24%	$ 27.70	Shipping samples	29-Jul-21	Manitoulin Transport	Shipping samples to lab - prorated to number of samples
53	3301406081	$ 61.12	5%	$ 2.91	Shipping samples	6-Oct-21	Manitoulin Transport	Shipping samples to lab - prorated to number of samples
54	13298	$ 785.40	65%	$ 508.20	Assaying	20-Sep-21	Activation Laboratories	Cost for analysis of 22/34 samples @ $22.05/sample
55	13351	$ 392.70	24%	$ 92.40	assaying	4-Oct-21	Activation Laboratories	Cost for analysis of 4/17 samples @ $22.05/sample (rest are different project)
56	13623	$ 916.65	5%	$ 43.65	Assaying	13-Dec-21	Activation Laboratories	Cost for analysis of 2/42 samples @ $22.05/sample (rest are different project)

Total work	$ 33,128.24
Total assay	$ 793.87
Total cost	**$ 33,922.11**

Confederation Belt West Prospecting Survey - Total costs

Pivot table of compiled costs for Assessment filing

Row Labels	Sum of Appl. cost	Unit cost	Unit
Assaying	$ 644.25	$ 23.01	per sample (44)
Food	$ 600.20	$ 66.69	per day (9)
Lodging	$ 1,519.96	$ 152.00	per day (10)
Prospecting	$ 21,630.00	$ 460.21	avg daily wage (47 days)
Report	$ 3,760.00	$ 537.14	avg daily wage (7 days)
Shipping samples	$ 149.62	$ 5.34	per sample (44)
Transportation	$ 5,618.08	$ 119.53	per day (includes **airfare**, truck rental and gas)
Grand Total	**$ 33,922.11**		

Pro Rata Calculations

Total observations	**117**	**Total samp locns** **44**
Total costs (assay)	**$ 793.87**	
Total costs (field work/reporting)	**$ 33,128.24**	
Total costs (ALL)	**$ 33,922.11**	Pro-rated total: $33,922

* Pro rata factor calculated as proportion of area on each claim of the total area flown in AMAG survey

Claims surveyed	Area (ha)	# observations (work)	# samp (assay)	Pro rata factor (work)	Pro rata factor (assaying)	Pro rata cost for work + assay	Rounded for entry
100840	3.921			0.0%	0.0%	$ -	$0
100841	20.352			0.0%	0.0%	$ -	$0
100842	20.354	2	2	1.7%	4.5%	$ 602.38	$603
100843	11.407	0	0	0.0%	0.0%	$ -	$0
100992	20.341	0	0	0.0%	0.0%	$ -	$0
100993	20.343			0.0%	0.0%	$ -	$0
102129	9.114			0.0%	0.0%	$ -	$0
102534	20.34	2	0	1.7%	0.0%	$ 566.29	$566
102535	20.343	2	1	1.7%	2.3%	$ 584.34	$584
102536	20.343			0.0%	0.0%	$ -	$0
112763	13.097			0.0%	0.0%	$ -	$0
112814	20.343			0.0%	0.0%	$ -	$0
112906	20.349	1	1	0.9%	2.3%	$ 301.19	$301
116338	20.34			0.0%	0.0%	$ -	$0
117864	20.341	2	0	1.7%	0.0%	$ 566.29	$566
120766	4.579			0.0%	0.0%	$ -	$0
123650	20.338			0.0%	0.0%	$ -	$0
125406	20.332			0.0%	0.0%	$ -	$0
125407	20.332			0.0%	0.0%	$ -	$0
125408	13.256			0.0%	0.0%	$ -	$0
129635	20.356			0.0%	0.0%	$ -	$0
134395	20.336			0.0%	0.0%	$ -	$0
134536	20.343			0.0%	0.0%	$ -	$0
135150	20.347			0.0%	0.0%	$ -	$0
136104	20.338			0.0%	0.0%	$ -	$0
136105	20.338			0.0%	0.0%	$ -	$0
136443	0.161			0.0%	0.0%	$ -	$0
136908	10.643			0.0%	0.0%	$ -	$0
141239	20.341			0.0%	0.0%	$ -	$0
142920	20.334			0.0%	0.0%	$ -	$0
148199	1.807			0.0%	0.0%	$ -	$0
149344	20.352	2	1	1.7%	2.3%	$ 584.34	$584
151109	20.343			0.0%	0.0%	$ -	$0
151110	20.347	1	0	0.9%	0.0%	$ 283.15	$283
151209	20.347			0.0%	0.0%	$ -	$0
151245	9.5	4	0	3.4%	0.0%	$ 1,132.59	$1,133
151246	20.358			0.0%	0.0%	$ -	$0
153465	20.354	2	0	1.7%	0.0%	$ 566.29	$566
153466	20.356	0	0	0.0%	0.0%	$ -	$0
153467	20.356	0	0	0.0%	0.0%	$ -	$0
154031	3.68			0.0%	0.0%	$ -	$0
154083	20.345	1	0	0.9%	0.0%	$ 283.15	$283
154695	20.349	0	0	0.0%	0.0%	$ -	$0
159472	3.411			0.0%	0.0%	$ -	$0
164964	20.352			0.0%	0.0%	$ -	$0
164965	20.352			0.0%	0.0%	$ -	$0
167275	0.471			0.0%	0.0%	$ -	$0
167617	20.338			0.0%	0.0%	$ -	$0
167618	20.34	1	0	0.9%	0.0%	$ 283.15	$283
169031	20.341	0	0	0.0%	0.0%	$ -	$0
169355	20.349	1	1	0.9%	2.3%	$ 301.19	$301
170613	1.876			0.0%	0.0%	$ -	$0
177748	3.682			0.0%	0.0%	$ -	$0

Pro Rata Calculations

Claims surveyed	Area (ha)	# observations (work)	# samp (assay)	Pro rata factor (work)	Pro rata factor (assaying)	Pro rata cost for work + assay	Rounded for entry
177749	20.358			0.0%	0.0%	$ -	$0
178325	20.352			0.0%	0.0%	$ -	$0
181822	20.343	0	0	0.0%	0.0%	$ -	$0
182112	13.321			0.0%	0.0%	$ -	$0
190305	12.748			0.0%	0.0%	$ -	$0
190867	20.354			0.0%	0.0%	$ -	$0
199229	20.345	2	0	1.7%	0.0%	$ 566.29	$566
199230	19.855			0.0%	0.0%	$ -	$0
199231	19.902			0.0%	0.0%	$ -	$0
199330	20.347			0.0%	0.0%	$ -	$0
199721	20.336			0.0%	0.0%	$ -	$0
199957	0.992			0.0%	0.0%	$ -	$0
200283	20.338			0.0%	0.0%	$ -	$0
200578	19.357			0.0%	0.0%	$ -	$0
200638	2.397			0.0%	0.0%	$ -	$0
204988	20.343			0.0%	0.0%	$ -	$0
206667	6.254			0.0%	0.0%	$ -	$0
206810	20.358			0.0%	0.0%	$ -	$0
207232	20.343			0.0%	0.0%	$ -	$0
207233	5.655			0.0%	0.0%	$ -	$0
207234	19.878	1	0	0.9%	0.0%	$ 283.15	$283
207352	0.4			0.0%	0.0%	$ -	$0
207979	20.341			0.0%	0.0%	$ -	$0
207980	20.345			0.0%	0.0%	$ -	$0
207981	20.347			0.0%	0.0%	$ -	$0
208652	20.341			0.0%	0.0%	$ -	$0
209791	20.35	3	2	2.6%	4.5%	$ 885.53	$886
212821	8.499			0.0%	0.0%	$ -	$0
216306	19.861	3	2	2.6%	4.5%	$ 885.53	$886
216307	20.341			0.0%	0.0%	$ -	$0
216308	20.343	0	0	0.0%	0.0%	$ -	$0
216782	14.084			0.0%	0.0%	$ -	$0
217708	20.338	1	0	0.9%	0.0%	$ 283.15	$283
217709	20.345			0.0%	0.0%	$ -	$0
220054	0.997			0.0%	0.0%	$ -	$0
220693	7.631			0.0%	0.0%	$ -	$0
224012	4.862			0.0%	0.0%	$ -	$0
225685	20.338			0.0%	0.0%	$ -	$0
225686	20.341	1	0	0.9%	0.0%	$ 283.15	$283
226208	9.468	0	0	0.0%	0.0%	$ -	$0
226209	20.354	1	1	0.9%	2.3%	$ 301.19	$301
232196	16.673			0.0%	0.0%	$ -	$0
234334	17.163	4	3	3.4%	6.8%	$ 1,186.72	$1,187
234335	20.341	4	1	3.4%	2.3%	$ 1,150.63	$1,151
234730	20.352	1	0	0.9%	0.0%	$ 283.15	$283
234731	16.941	1	0	0.9%	0.0%	$ 283.15	$283
236430	20.345			0.0%	0.0%	$ -	$0
236431	20.345			0.0%	0.0%	$ -	$0
236432	20.345			0.0%	0.0%	$ -	$0
236551	20.343			0.0%	0.0%	$ -	$0
236552	20.343			0.0%	0.0%	$ -	$0
237238	13.2			0.0%	0.0%	$ -	$0
239574	20.356			0.0%	0.0%	$ -	$0
244718	20.332			0.0%	0.0%	$ -	$0
244719	13.04			0.0%	0.0%	$ -	$0
247544	20.356			0.0%	0.0%	$ -	$0
254348	20.336			0.0%	0.0%	$ -	$0
254349	14.867			0.0%	0.0%	$ -	$0

Pro Rata Calculations

Claims surveyed	Area (ha)	# observations (work)	# samp (assay)	Pro rata factor (work)	Pro rata factor (assaying)	Pro rata cost for work + assay	Rounded for entry
254513	20.35			0.0%	0.0%	$ -	$0
254514	3.665			0.0%	0.0%	$ -	$0
255115	20.345			0.0%	0.0%	$ -	$0
263968	0.494			0.0%	0.0%	$ -	$0
265842	15.43			0.0%	0.0%	$ -	$0
265930	13.087			0.0%	0.0%	$ -	$0
266588	20.35	0	0	0.0%	0.0%	$ -	$0
267214	20.347			0.0%	0.0%	$ -	$0
267885	20.341			0.0%	0.0%	$ -	$0
268287	20.358			0.0%	0.0%	$ -	$0
268855	20.35			0.0%	0.0%	$ -	$0
272667	9.866			0.0%	0.0%	$ -	$0
272806	20.356			0.0%	0.0%	$ -	$0
272807	20.358			0.0%	0.0%	$ -	$0
272808	20.358			0.0%	0.0%	$ -	$0
272920	20.34			0.0%	0.0%	$ -	$0
272921	20.345			0.0%	0.0%	$ -	$0
272922	20.345			0.0%	0.0%	$ -	$0
273222	20.347	3	1	2.6%	2.3%	$ 867.48	$868
273223	20.187	3	1	2.6%	2.3%	$ 867.48	$868
273330	20.347			0.0%	0.0%	$ -	$0
280337	9.281			0.0%	0.0%	$ -	$0
280894	20.35			0.0%	0.0%	$ -	$0
280895	11.24			0.0%	0.0%	$ -	$0
284095	20.352			0.0%	0.0%	$ -	$0
284096	10.854	2	0	1.7%	0.0%	$ 566.29	$566
291445	20.34			0.0%	0.0%	$ -	$0
291810	20.34	0	0	0.0%	0.0%	$ -	$0
291811	20.341			0.0%	0.0%	$ -	$0
291812	20.343	1	0	0.9%	0.0%	$ 283.15	$283
293644	20.352			0.0%	0.0%	$ -	$0
297644	8.947			0.0%	0.0%	$ -	$0
297645	20.358			0.0%	0.0%	$ -	$0
298204	0.639			0.0%	0.0%	$ -	$0
298205	8.875			0.0%	0.0%	$ -	$0
298206	11.073			0.0%	0.0%	$ -	$0
300809	4.497			0.0%	0.0%	$ -	$0
303088	20.345			0.0%	0.0%	$ -	$0
303089	20.347			0.0%	0.0%	$ -	$0
303090	20.347	14	13	12.0%	29.5%	$ 4,198.61	$4,199
303557	20.34			0.0%	0.0%	$ -	$0
303558	20.34			0.0%	0.0%	$ -	$0
303559	2.24			0.0%	0.0%	$ -	$0
304462	20.354	1	0	0.9%	0.0%	$ 283.15	$283
304475	20.341			0.0%	0.0%	$ -	$0
304884	20.336			0.0%	0.0%	$ -	$0
306890	20.354			0.0%	0.0%	$ -	$0
310576	20.341			0.0%	0.0%	$ -	$0
311239	7.604			0.0%	0.0%	$ -	$0
313593	11.856			0.0%	0.0%	$ -	$0
314745	20.356			0.0%	0.0%	$ -	$0
314746	20.358			0.0%	0.0%	$ -	$0
318557	3.068			0.0%	0.0%	$ -	$0
320430	20.343			0.0%	0.0%	$ -	$0
321024	20.338			0.0%	0.0%	$ -	$0
321536	20.356	1	0	0.9%	0.0%	$ 283.15	$283
322603	20.345			0.0%	0.0%	$ -	$0
327446	20.356			0.0%	0.0%	$ -	$0

Pro Rata Calculations

Claims surveyed	Area (ha)	# observations (work)	# samp (assay)	Pro rata factor (work)	Pro rata factor (assaying)	Pro rata cost for work + assay	Rounded for entry
330186	20.338	4	4	3.4%	9.1%	$ 1,204.76	$1,205
330187	20.343			0.0%	0.0%	$ -	$0
331159	14.694			0.0%	0.0%	$ -	$0
331160	0.447			0.0%	0.0%	$ -	$0
333203	10.886			0.0%	0.0%	$ -	$0
333664	20.345			0.0%	0.0%	$ -	$0
333665	20.347			0.0%	0.0%	$ -	$0
333777	20.345			0.0%	0.0%	$ -	$0
334055	20.347			0.0%	0.0%	$ -	$0
334056	20.349			0.0%	0.0%	$ -	$0
334372	20.341			0.0%	0.0%	$ -	$0
341194	20.338			0.0%	0.0%	$ -	$0
342024	3.304	0	0	0.0%	0.0%	$ -	$0
342025	20.341	4	3	3.4%	6.8%	$ 1,186.72	$1,187
343640	10.025			0.0%	0.0%	$ -	$0
343931	20.338			0.0%	0.0%	$ -	$0
343932	20.34			0.0%	0.0%	$ -	$0
343933	20.345			0.0%	0.0%	$ -	$0
343934	20.345			0.0%	0.0%	$ -	$0
344498	12.72			0.0%	0.0%	$ -	$0
565475	20.356			0.0%	0.0%	$ -	$0
565476	20.358			0.0%	0.0%	$ -	$0
565477	20.356	0	0	0.0%	0.0%	$ -	$0
565478	20.358			0.0%	0.0%	$ -	$0
565648	345.876	5	0	4.3%	0.0%	$ 1,415.74	$1,416
566216	366.21			0.0%	0.0%	$ -	$0
566217	407.08	2	0	1.7%	0.0%	$ 566.29	$566
566218	264.597	4	0	3.4%	0.0%	$ 1,132.59	$1,133
566219	20.359	1	1	0.9%	2.3%	$ 301.19	$301
566220	20.356			0.0%	0.0%	$ -	$0
566221	20.358			0.0%	0.0%	$ -	$0
566222	20.354			0.0%	0.0%	$ -	$0
566240	305.283			0.0%	0.0%	$ -	$0
566241	488.567	1	0	0.9%	0.0%	$ 283.15	$283
566242	508.796	9	1	7.7%	2.3%	$ 2,566.37	$2,566
566243	508.584	0	0	0.0%	0.0%	$ -	$0
566245	284.839	8	0	6.8%	0.0%	$ 2,265.18	$2,265
566246	244.216	2	0	1.7%	0.0%	$ 566.29	$566
566247	264.57	4	4	3.4%	9.1%	$ 1,204.76	$1,205
587340	142.508			0.0%	0.0%	$ -	$0
598702	468.038	2	1	1.7%	2.3%	$ 584.34	$584
598703	366.167	3	0	2.6%	0.0%	$ 849.44	$850
	Total	**117**	**44**	**100.0%**	**100%**	**$ 33,922.11**	