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ASSESSMENT REPORT

Lac Panache Property, Whitefish, Ontario
2020 Diamond Drilling Program

Compiled by
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Gordon Salo

RUMBLE
RESOURCES LTD

October 24, 2020

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APPENDICES

1.0 SUMMARY

The Lac Panache property consists of 151 contiguous single cell claims in Truman, Dieppe and Hansen townships near Whitefish, Ontario, in the Sudbury Mining Division. The claims are held by Gordon Salo. Rumble Resources announced on August 9, 2018, that it entered into an option agreement with the Lac Panache property claim holder, Gordon Salo.

Rumble Resources Ltd. completed a mapping, sampling and drilling program on the Lac Panache property from September 6 to 29, 2019. The objective of the exploration program was to test a conductive geophysical anomaly.

Rumble Resources contracted Ronacher McKenzie Geoscience to map and sample a part of the property. A total of 41 rock samples were collected and analyzed. The mapping resulted in the location of the contact between the gabbro and metasedimentary rocks. Two samples contained >0.5% Ni and anomalous Cu (sample W107408: 5300 ppm Ni, 2890 ppm Cu; sample W107401: 5270 ppm Ni, 1615 ppm Cu).

One diamond drill hole totalling 172.3 m was completed. Rumble Resources contracted Wolf Mountain Exploration to complete the drilling and Ronacher McKenzie Geoscience to log and sample the drill core. The drill core assay results were disappointing with only one sample assaying >0.3% Ni.

Rumble Resources concluded that the results of the sampling and drilling were disappointing and no further exploration was warranted.

The coordinate system used to locate the area of work was NAD 83, UTM Zone 17 N.

2.0 INTRODUCTION

The Lac Panache Project lies about 40km southwest of the 1,850 Ma Sudbury Igneous Complex, the largest known concentration of nickel-copper sulphides in the world. The project hosts a large portion of the Panache gabbro intrusion which is part of the regional extensive Nipissing Gabbro Suite (2215 million years old).

The property was subject to an option agreement between Rumble Resources and Gordon Salo.

This report summarises work completed during Rumble's second season of exploration at Panache. Diamond Drilling was carried out in 2019.

2.1 Units

The metric system of measurement is used in this report. Historic data are typically reported in imperial units and were converted for this report using appropriate conversion factors. Ounces per (short) ton are converted to grams per (metric) tonne using the conversion factor of 34.2857. One foot is 0.3048 m. One mile is 1.609344 km. One gamma (unit of magnetic intensity) is $1x10^{-9}$ T or 1 nT.

Universal Transverse Mercator (UTM) coordinates are provided in the datum of NAD83, Zone 16N.

3.0 LOCATION AND ACCESS

The Panache Project (33.5km^2 in area) is located 40km southwest of the city of Sudbury, Ontario, Canada. The property is located within the townships of Dieppe, Hansen and Truman in the Sudbury Mining Division. (Figure 3-1) Panache is reached by traveling west from Sudbury on regional road 55 to Whitefish then south on Route 10 to the marina on Lake Panache.

The property consist of 151 single cell claims (Figure 3-2, Table 3-1)

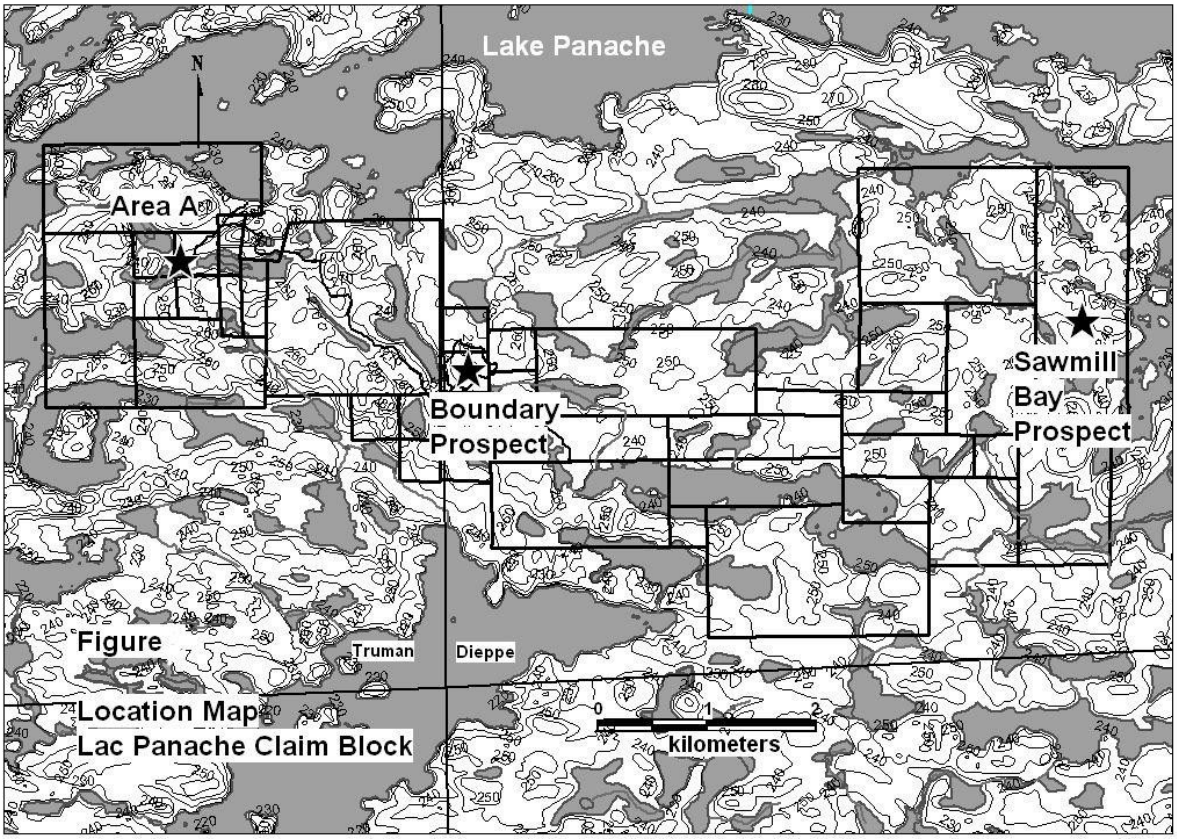

Figure
Location Map
Lac Panache Claim Block

Figure 3-1: Location of Client's Project.

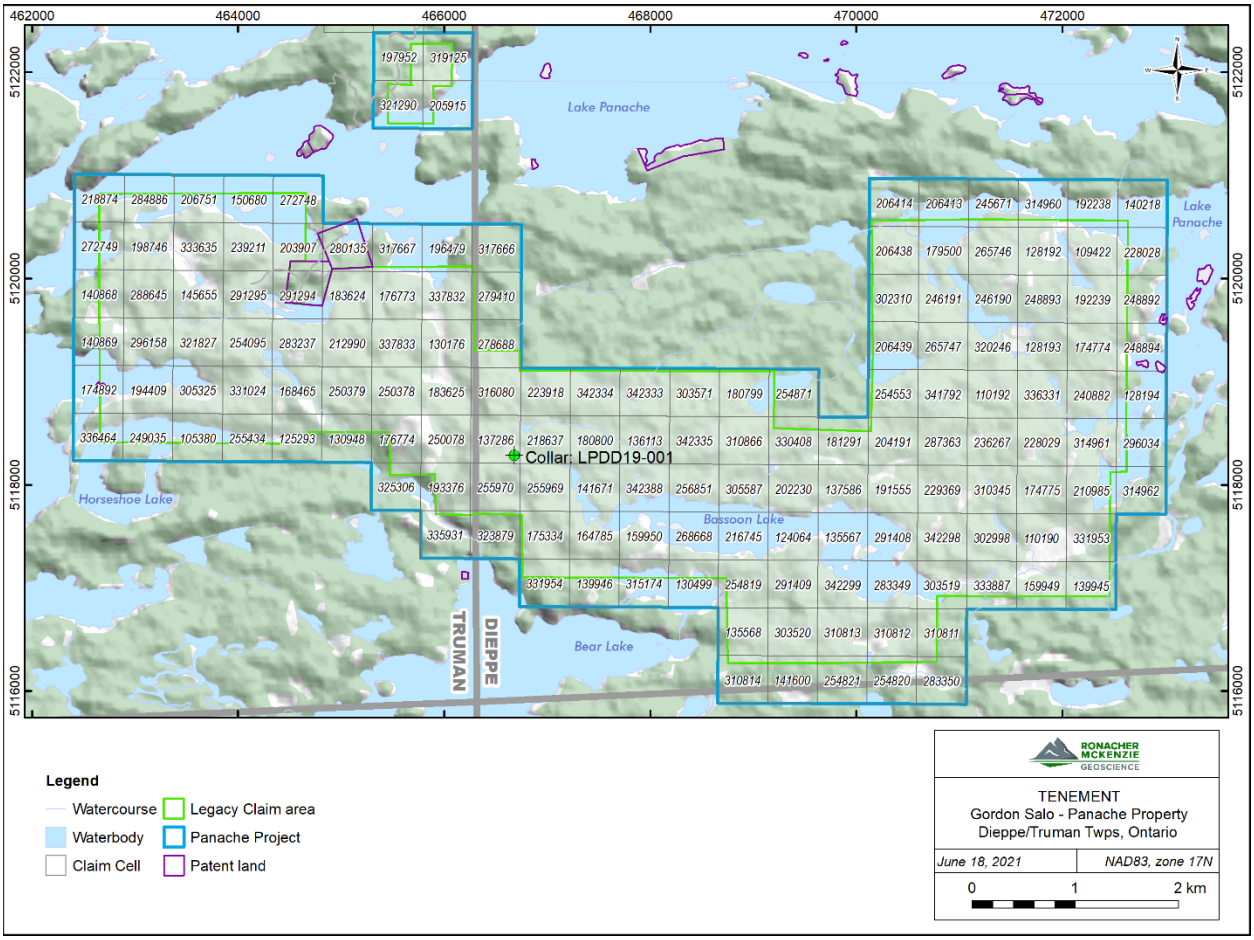

Figure 3-2: Map showing the claims of the Panache property and the townships in which the property is located.

Table 3-1: List of claims of the Lac Panache property.

Tenure ID	Cell ID	HOLDER	Claim Type	Issue Date	Anniversary Date
105380	41I03L145	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	22/04/2020
109422	41I03K063	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/04/2020
110190	41I03K182	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/06/2020
110192	41I03K121	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	15/04/2020
124064	41I03L197	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	15/04/2020
125293	41I03L147	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	04/07/2020
128192	41I03K062	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/04/2020
128193	41I03K102	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	15/04/2020

Tenure ID	Cell ID	HOLDER	Claim Type	Issue Date	Anniversary Date
128194	41I03K124	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/04/2020
130176	41I03L110	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	04/07/2020
130499	41I03L215	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/06/2020
130948	41I03L148	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	04/07/2020
135567	41I03L198	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	15/04/2020
135568	41I03L236	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	15/04/2020
136113	41I03L154	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/06/2020
137286	41I03L151	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	04/07/2020
137586	41I03L178	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/06/2020
139945	41I03K203	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/04/2020
139946	41I03L213	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/06/2020
140218	41I03K044	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/04/2020
140868	41I03L083	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	22/04/2020
140869	41I03L103	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	22/04/2020
141600	41I03L257	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	15/04/2020
141671	41I03L173	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/06/2020
145655	41I03L085	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	22/04/2020
150680	41I03L046	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	22/04/2020
159949	41I03K202	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/06/2020
159950	41I03L194	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/06/2020
164785	41I03L193	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/06/2020
168465	41I03L127	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	04/07/2020
174774	41I03K103	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/04/2020
174775	41I03K162	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/06/2020
174892	41I03L123	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	22/04/2020
175334	41I03L192	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/06/2020
176773	41I03L089	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	04/07/2020
176774	41I03L149	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	04/07/2020
179500	41I03L080	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/04/2020
180799	41I03L136	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/06/2020
180800	41I03L153	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/06/2020
181291	41I03L158	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/06/2020
183624	41I03L088	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	04/07/2020
183625	41I03L130	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	04/07/2020
191555	41I03L179	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/06/2020
192238	41I03K043	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/04/2020
192239	41I03K083	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/04/2020
193376	41I03L170	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/06/2020
194409	41I03L124	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	22/04/2020
196479	41I03L070	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	04/07/2020
198746	41I03L064	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	22/04/2020
202230	41I03L177	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/06/2020
203907	41I03L067	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	22/04/2020
204191	41I03L159	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/06/2020

Tenure ID	Cell ID	HOLDER	Claim Type	Issue Date	Anniversary Date
206413	41I03L060	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/04/2020
206414	41I03L059	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/04/2020
206438	41I03L079	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/04/2020
206439	41I03L119	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	07/06/2020
206751	41I03L045	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	22/04/2020
210985	41I03K163	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/04/2020
212990	41I03L108	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	04/07/2020
216745	41I03L196	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/06/2020
218637	41I03L152	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	04/07/2020
218874	41I03L043	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	22/04/2020
223918	41I03L132	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	04/07/2020
228028	41I03K064	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/04/2020
228029	41I03K142	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	15/04/2020
229369	41I03L180	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/06/2020
236267	41I03K141	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	15/04/2020
239211	41I03L066	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	22/04/2020
240882	41I03K123	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/04/2020
245671	41I03K041	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/04/2020
246190	41I03K081	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/04/2020
246191	41I03L100	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/04/2020
248892	41I03K084	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/04/2020
248893	41I03K082	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/04/2020
248894	41I03K104	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/04/2020
249035	41I03L144	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	22/04/2020
250078	41I03L150	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	04/07/2020
250378	41I03L129	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	04/07/2020
250379	41I03L128	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	04/07/2020
254095	41I03L106	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	15/05/2020
254553	41I03L139	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	07/06/2020
254819	41I03L216	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/06/2020
254820	41I03L259	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	15/04/2020
254821	41I03L258	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	15/04/2020
254871	41I03L137	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/06/2020
255434	41I03L146	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	22/04/2020
255969	41I03L172	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	04/07/2020
255970	41I03L171	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	04/07/2020
256851	41I03L175	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/06/2020
265746	41I03K061	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/04/2020
265747	41I03L120	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	07/06/2020
268668	41I03L195	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/06/2020
272748	41I03L047	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	22/04/2020
272749	41I03L063	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	22/04/2020
278688	41I03L111	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	04/07/2020
279410	41I03L091	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	04/07/2020

Tenure ID	Cell ID	HOLDER	Claim Type	Issue Date	Anniversary Date
280135	41I03L068	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	04/07/2020
283237	41I03L107	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	04/07/2020
283349	41I03L219	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	15/04/2020
283350	41I03L260	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	15/04/2020
284886	41I03L044	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	22/04/2020
287363	41I03L160	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/06/2020
288645	41I03L084	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	22/04/2020
291294	41I03L087	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	04/07/2020
291295	41I03L086	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	15/05/2020
291408	41I03L199	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	15/04/2020
291409	41I03L217	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	15/04/2020
296034	41I03K144	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/04/2020
296158	41I03L104	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	22/04/2020
302310	41I03L099	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/04/2020
302998	41I03K181	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/06/2020
303519	41I03L220	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/06/2020
303520	41I03L237	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	15/04/2020
303571	41I03L135	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/06/2020
305325	41I03L125	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	22/04/2020
305587	41I03L176	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/06/2020
310345	41I03K161	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/06/2020
310811	41I03L240	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	15/04/2020
310812	41I03L239	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	15/04/2020
310813	41I03L238	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	15/04/2020
310814	41I03L256	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	15/04/2020
310866	41I03L156	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/06/2020
314960	41I03K042	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/04/2020
314961	41I03K143	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/04/2020
314962	41I03K164	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/04/2020
315174	41I03L214	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/06/2020
316080	41I03L131	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	04/07/2020
317666	41I03L071	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	04/07/2020
317667	41I03L069	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	04/07/2020
320246	41I03K101	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	15/04/2020
321827	41I03L105	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	22/04/2020
323879	41I03L191	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/06/2020
325306	41I03L169	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	07/06/2020
330408	41I03L157	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/06/2020
331024	41I03L126	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	15/05/2020
331953	41I03K183	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/04/2020
331954	41I03L212	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/06/2020
333635	41I03L065	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	22/04/2020
333887	41I03K201	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/06/2020
335931	41I03L190	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/06/2020

Tenure ID	Cell ID	HOLDER	Claim Type	Issue Date	Anniversary Date
336331	41I03K122	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	15/04/2020
336464	41I03L143	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	22/04/2020
337832	41I03L090	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	04/07/2020
337833	41I03L109	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	04/07/2020
341792	41I03L140	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	07/06/2020
342298	41I03L200	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/06/2020
342299	41I03L218	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	15/04/2020
342333	41I03L134	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/06/2020
342334	41I03L133	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/06/2020
342335	41I03L155	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/06/2020
342388	41I03L174	(100) GORDON RICHARD SALO	Single Cell Mining Claim	10/04/2018	14/06/2020

4.0 HISTORY

During 2018 a review of previous exploration was undertaken by Rumble. Since 1883, the Sudbury mining field has been globally significant with the Sudbury Basin the second-largest supplier of nickel ore in the world, and new discoveries continuing to be made. It is one of the most productive nickel-mining fields in the world with over 1.7 billion tonnes of past production, reserves and resources.

Nickel-copper and platinum group metals ("PGM") bearing sulphide minerals occur in a 60 km by 27 km elliptical igneous body called the Sudbury Igneous Complex ("SIC"). The current model infers the SIC was formed some 1,844 million years ago after sheet-like flash/impact melting of nickel and copper bearing rocks by a meteorite impact. The SIC is within a basin like structure (Sudbury Basin) which had been covered by later sediments and has subsequently been eroded to the current level. Mineralization occurs within the SIC as well as in the neighbouring country rocks in close association with breccias and so-called 'Offset Dykes'. Offset Dykes with metamorphosed (hot) Sudbury breccias have become the target of progressively more intense exploration interest in recent years following the discovery of blind economic deposits. Offset dykes are typically quartz- diorite in composition and extend both radially away from and concentric to the SIC. It is important to note that the Offset Dykes developed downwards from the impact melt sheet. Melt material migrated down into the fractures caused by the impact below the SIC. The melt carried metal sulphides that accumulated into deposits within the Offset Dykes by gravity and pressure gradients (impact rebound). Nearly half of the nickel ore at Sudbury occurs in breccias and Offset Dykes in the footwall rocks of the SIC.

It was confirmed that previous regional exploration at Panache is limited to surface grab sampling over areas of outcrop to sub-crop. Significant areas of prospective Nipissing Gabbro are covered by swamps, bogs and transported cover.

- No systematic soil sampling had been completed at Panache
- No detailed ground TEM and drilling had been conducted over the areas of interest

Three areas of interest (to date) were identified and prospecting activities conducted by well-known Sudbury prospector, and owner, Gordon Salo.

4.1 Area B (Figure 4-1)

Trenching with grab sampling has highlighted strong base metal mineralisation with PGM's along the basal zone to a gabbro intrusion. Wide widths of gossan have been exposed (10m in width). Grab sampling has returned up to:

- 1.61% Cu, 0.49% Ni, 1.1% Co, 1.64 g/t Au, 1.64 g/t Pt and 1.58 g/t Pd.

4.2 Area C (Figure 4-1)

Grab sampling and petrography has identified a 2.5km zone of strong base metal and precious metal anomalism associated with an inferred gabbroic feeder. Grab sampling has returned up to:

- 0.59% Cu, 0.16% Ni, 524.3 g/t Au, 0.45% Co, 0.64 g/t Pt, 1.18 g/t Pd.

These grab sampling results were considered very significant as the average disseminated sulphide percentage for the gabbroic rock chips was approximately 5% indicating the sulphide is well endowed with base and precious metals.

The property has been investigated by a number of mining exploration companies including Pacific North West Capital Corporation, Mustang Minerals Corporation and Argosy Minerals Incorporated. These investigations took place between 2000 and 2006. In addition to these projects much prospecting, trenching and sampling was carried out by the holder of the property, Gordon Salo.

During 2006, airborne TEM (AeroTEM) was conducted in Area C on 100m line spacing. Numerous conductors correlating with the inferred feeder dyke trend and associated anomalous geochemistry were identified and an IP survey was planned, however, it was not completed. In general, the three zones of interest have not had ground TEM or subsequent drilling.

Compilation of this previous work as well as the more recent exploration indicates that this property has considerable future exploration potential.

This project combines both early and advance exploration potential. It was considered that there was no apparent reason why the known sulphide distribution should not have a greater (and economic) extent.

A Ground TEM survey was completed over Area B in January 2019. The survey comprised of a 1.2km by 1km grid on 200m lines and 100m stations using a fixed loop configuration. The transmitter was 20 amps and the receiver being a SMARTEM24 using a HT squid sensor.

The survey covered a section of the Nipissing Gabbro where historic grab sampling (Figure 4-2) returned strong copper, nickel, cobalt, gold and platinoids anomalism. A number of gossans were exposed by the owner of the property (Gordon Salo). The style of mineralisation at surface is disseminated sulphides in gabbro.

The GTEM has delineated two co-incident conductors at a shallow depth of 40m (Figure 4-2).

- Conductor A has a strong conductive response (9000 siemens) and was considered to be semi to massive sulphide
- Conductor B has a lower conductive response (400 siemens) and was considered to be a zone of stringer sulphide

The conductors are within strongly resistive rock types (fresh from the surface). Drilling of the conductors was recommended.

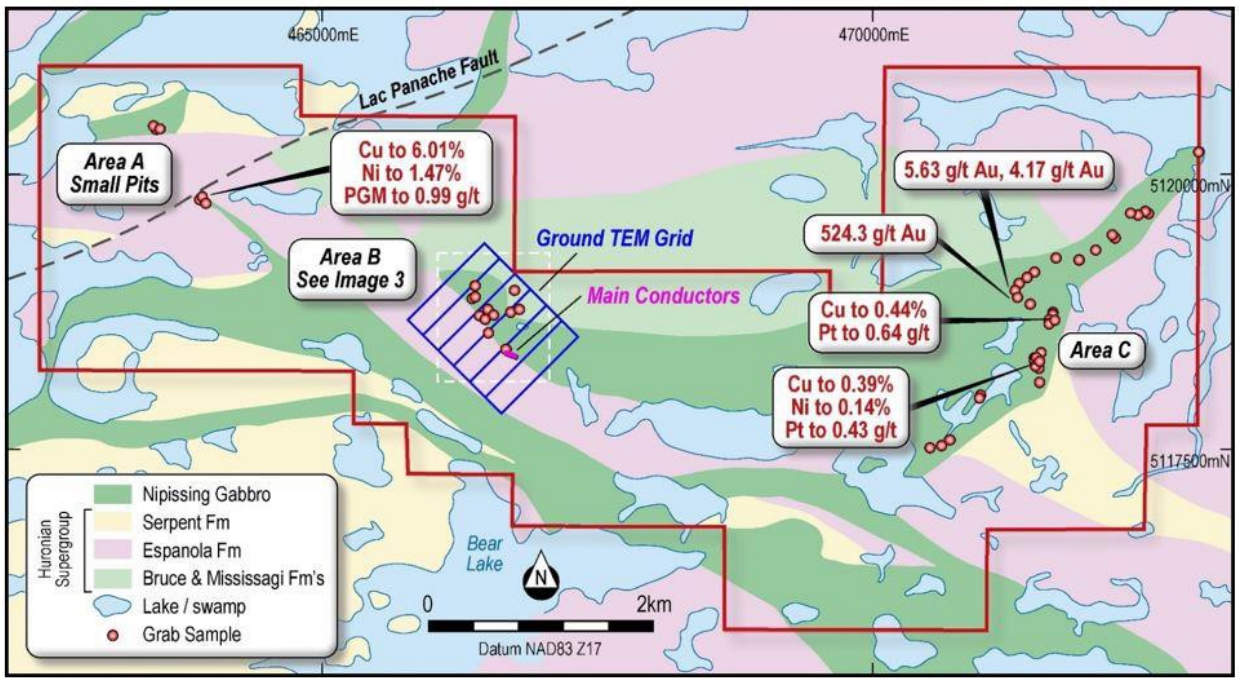

Figure 4-1: Panache Project -- local geology with grab samples.

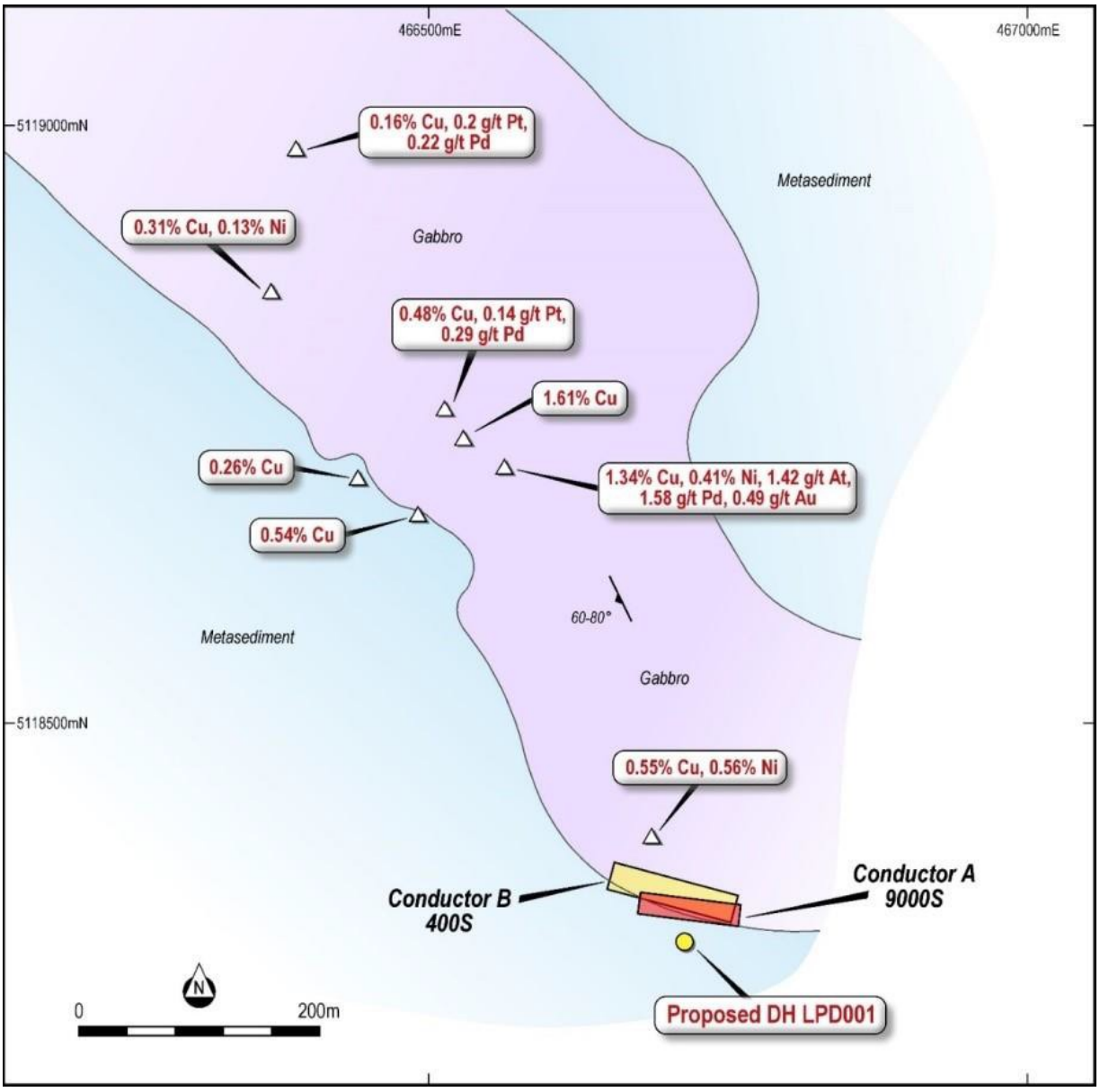

Figure 4-2: Panache Project Area B – geology, grab sample results and locations of conductors.

5.0 GEOLOGICAL SETTING AND MINERALIZATION

The Lac Panache project area lies within the Southern Province, one of three subdivisions within the Canadian Shield. Palaeoproterozoic metasedimentary and subordinate metavolcanics of the Huronian Supergroup (~2.5 Ga) form part of the Southern Province (Bennett et al., 1991). The Huronian Supergroup lies unconformably on Archaean rocks of the Superior Province.

The Huronian metasediments are described by Card (1975, 1978) as being dominantly coarse clastic sedimentary rocks derived mainly from the Superior Province craton to the north and deposited, for the most part, in fluvial-deltaic and marine neritic environments. Intrusive rock units identified in the project area include Nipissing Diabase (2.15 Ga) and diabase dikes (1.2-1.5 Ga). Rocks in the region were subjected to deformation and regional metamorphism during a series of events that started prior to emplacement of the Nipissing Diabase and culminated around 1.7-1.8 Ga in the Penokean Orogeny (Card, 1975).

The term “Nipissing Diabase” has been used to refer to tholeiitic composition gabbro intrusions of Palaeoproterozoic age (~2.1 Ga) that occur throughout the eastern part of the Southern Province (Card, 1975). These intrusions commonly exhibit the effects of greenschist to amphibolite facies regional metamorphism. In the metagabbros the original pyroxene and calcic plagioclase have been replaced by amphibole, sodic plagioclase, epidote, talc, chlorite and quartz (Bennett et al., 1991). The Nipissing Diabase or Sudbury Gabbro lithologies have been well described by earlier workers (Card and Pattison, 1973, Lightfoot and Naldrett, 1996). Lightfoot and Naldrett's column (Figure 5-1) is of particular use in this property description.

Two Nipissing sills are present in the map area (Figure 5-2). The first and northernmost is an arcuate body with a southern arc extension. Strike length is approximately 7800 meters and maximum width is approximately 1200 metres. Narrowing possible “feeder” structures extend to the northeast and northwest. Exploration area “B” or “Boundary Prospect” is on the western extension while the “Sawmill Bay” or “C” area is on the eastern extension.

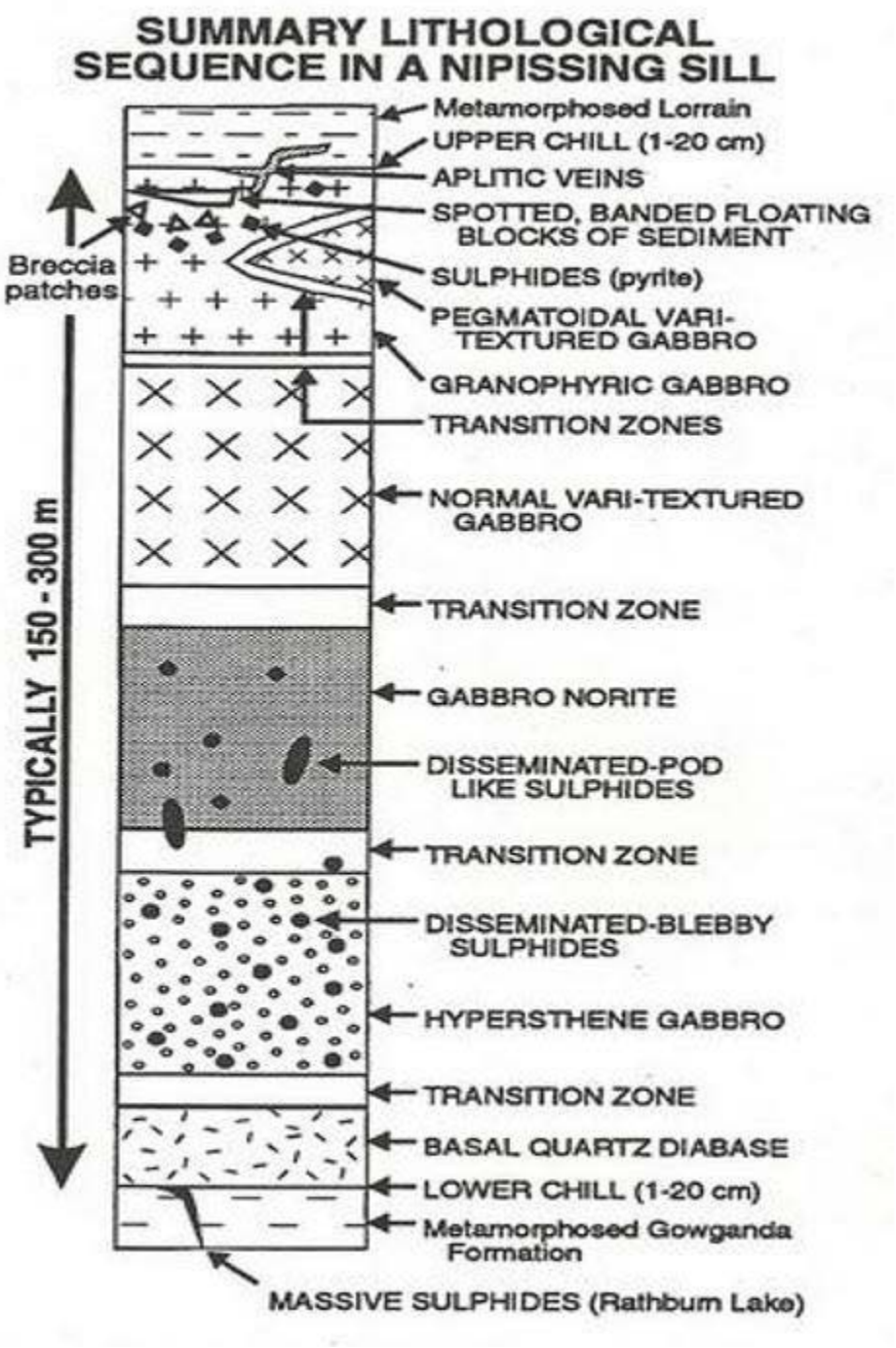

Figure 5-1: Typical sequence of lithologies in Nipissing gabbro (from Lightfoot and Naldrett, 1996).

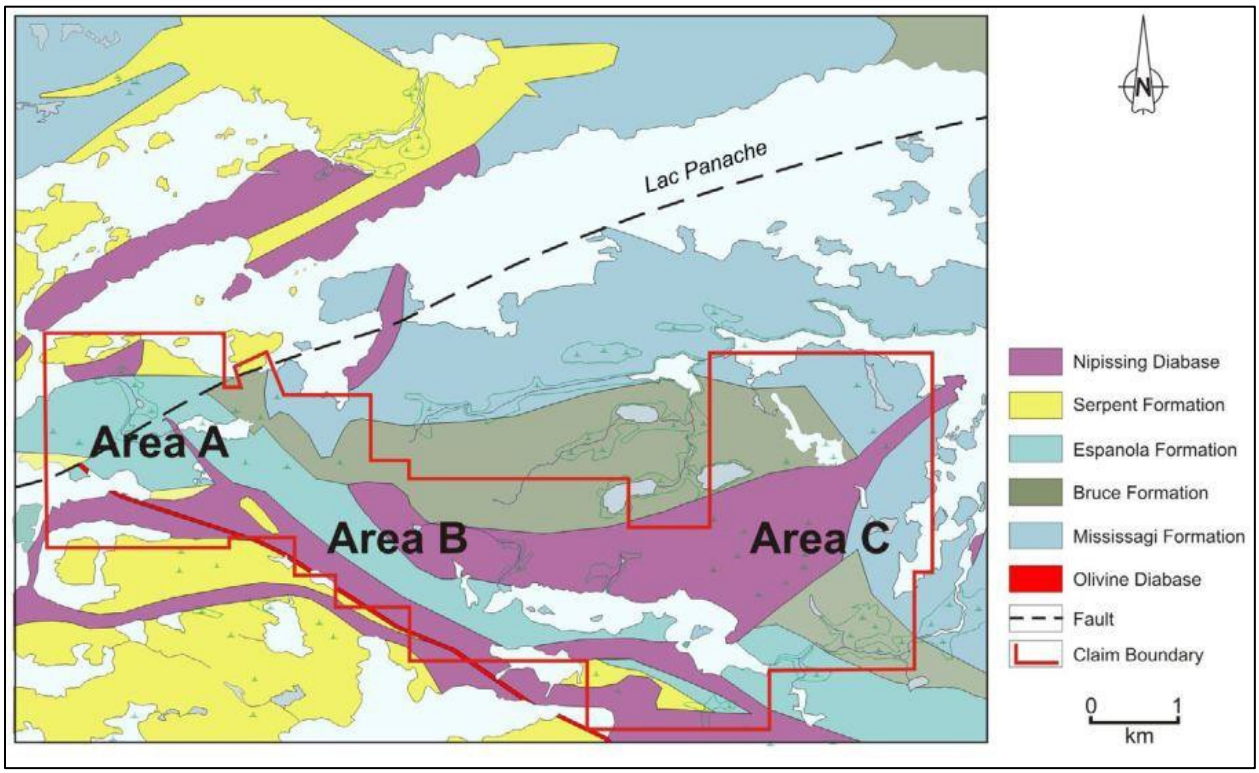

Figure 5-2: Lac Panache property -- regional geology.

The second sill structure is approximately 750 meters south of the first sill, strikes southeast at 120 degrees, has a strike length of approximately 10,000 metres in the map area with a width of approximately 1200 meters. This structure contains the "A" exploration area.

All three exploration areas occur on or near the southern sill contacts. The contact between Nipissing and the Huronian sediments occurs with Espanola Formation at areas "A" and "B" and near the Mississagi Quartzite in the Sawmill Bay zone.

Copper, nickel and platinum-palladium-gold mineralization occur in weakly disseminated to massive phases in both sills. The "A" area (Figure 5-3) contains two massive sulphide occurrences in small exploration pits within a 50 meter strike zone. The "B" zone (Figure 5-4) has significant Cu-Ni-PGM mineralization over an approximately 950 meter strike length. Sawmill Bay (Figure 5-5) has a higher grade Cu-Ni-PGM trend approximately 2500 meters in strike length.

All of the units shown in (Figure 5-1) are represented in the property area except for the basal quartz diabase and the lower chill units. These units are best exposed in the "B" exploration area which has been stripped, mapped and sampled over a strike length of almost 1 kilometre in the central portion of the intrusion.

Area A contains two massive sulphide lenses on the Nipissing-Espanola Formation contact which contain highly anomalous metal values. These occur on and near the Nipissing-Espanola contact although this contact has been exposed by stripping over only the area adjacent to the pits. There may be a role for postulated structure in the exposure environment and this structure may theoretically be remobilizing mineralization from a deeper source.

Area B represents a zone of contourable, anomalous, copper-nickel-PGM mineralization extending over 950 meters of Nipissing strike on and along the adjacent Nipissing-Espanola contact. Mineralization is present in the brecciated Espanola Formation along the diabase-metasediment contact as well as in the pyroxene-rich phases with characteristic disseminated and interstitial sulphide.

Area C, with a known strike extension of approximately 2.5 kilometers, has excellent potential for exploration. Outcrop coverage is relatively poor and the southwest extension strikes into an area of swampy topography. Trends of selected higher-grade samples (Figure 5-5) indicate a significant length of anomalous mineralization. Nipissing composition also appears to be quite mafic (sample GS.10.23) which also contains mineralization with free grains of pentlandite. In contrast sample GS.10.24 which is located almost 700 meters northeast of the anomalous trend contains 45% quartz and granophyre.

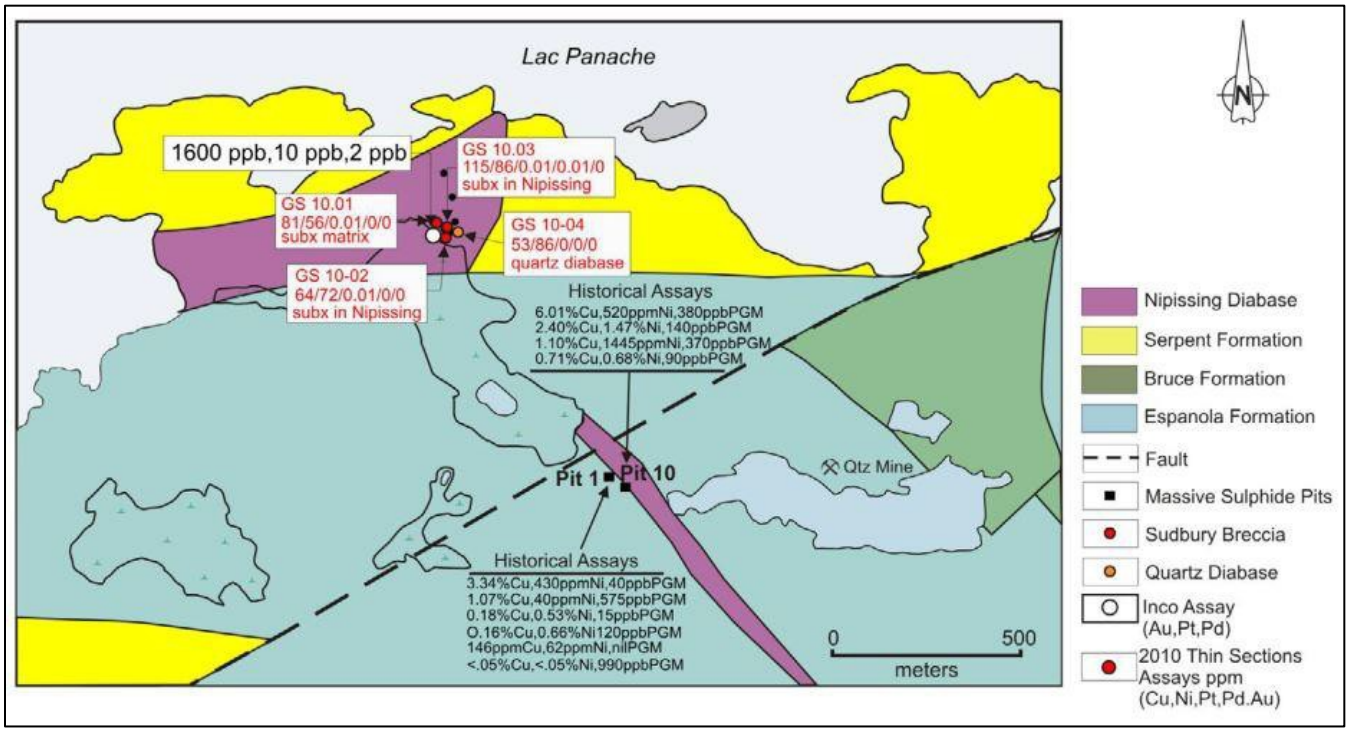

Figure 5-3: Area A with historical assays and thin section assays by Panache Platinum 2010.

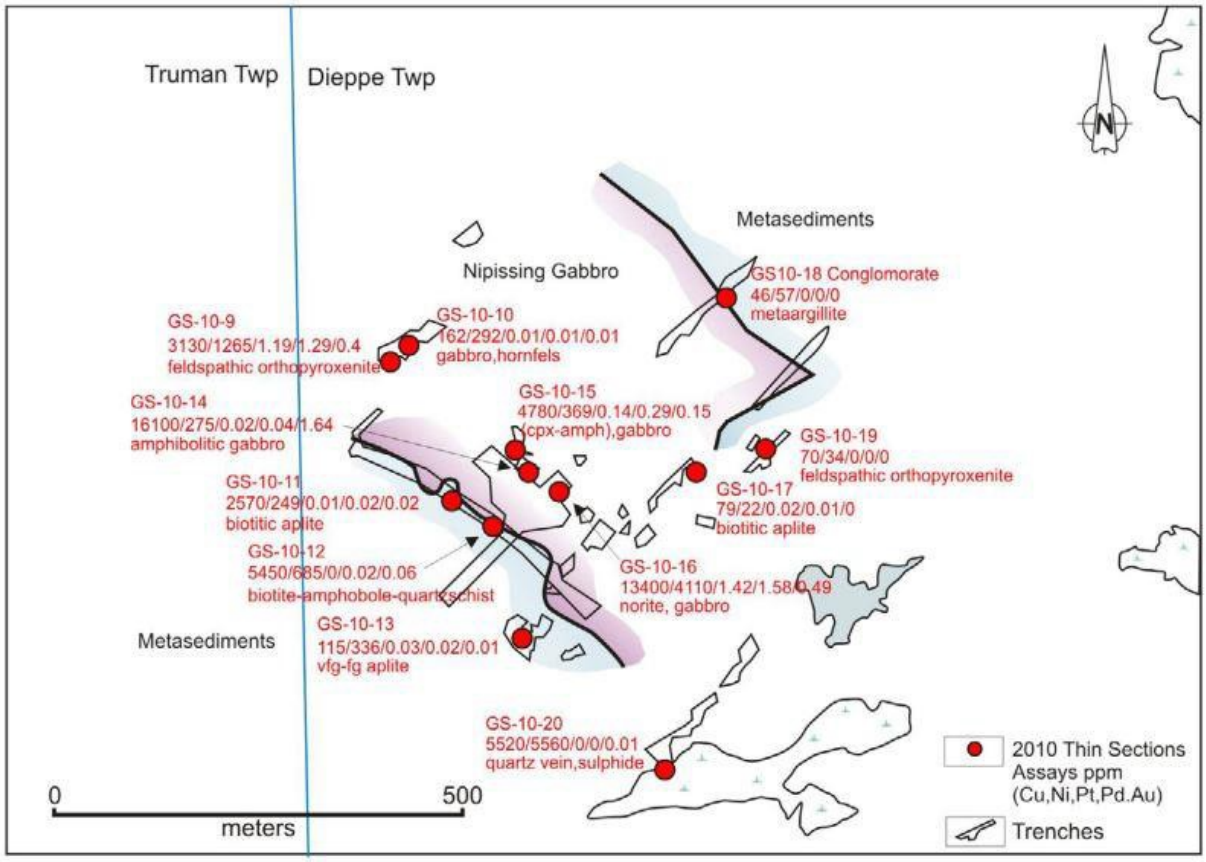

Figure 5-4: Area B (Boundary Prospect) with historical assays and thin section assays by Panache Platinum 2010

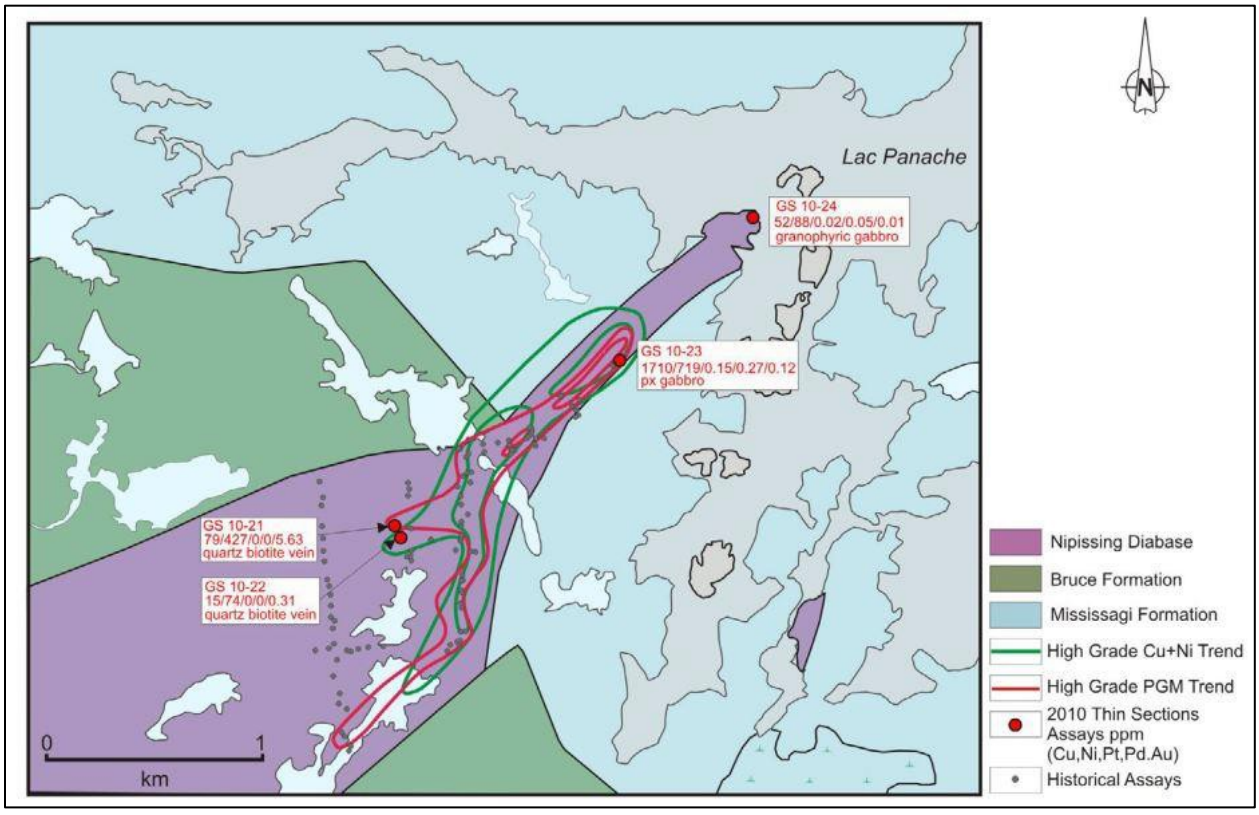

Figure 5-5: Area C (Sawmill Bay Prospect) with historical assays and thin section assays by Panache Platinum 2010

6.0 EXPLORATION

The exploration completed is covered by exploration permit PR-18-000056.

6.1 Mapping

During September 2019, Rumble Resources Ltd commissioned Ronacher McKenzie Geoscience to map and prospect target Area A and Area B and to map the contact between Nipissing gabbro and the metasedimentary rocks where possible.

The final map (Figure 6-1) combines the detailed geological map (1:5000) of the property from the Mustang Minerals Corp (Lane 2001) report (area B and southeast part of area A), the Jobin-Bevans and Lyon (2001) map of area B, and the September 2019 field work in area A and area B.

Mapping work was carried out on the claims shown in Table 6-1.

Further detail on the mapping program is given in Appendix 2 – Memorandum - Mapping on Panache Lake Property.

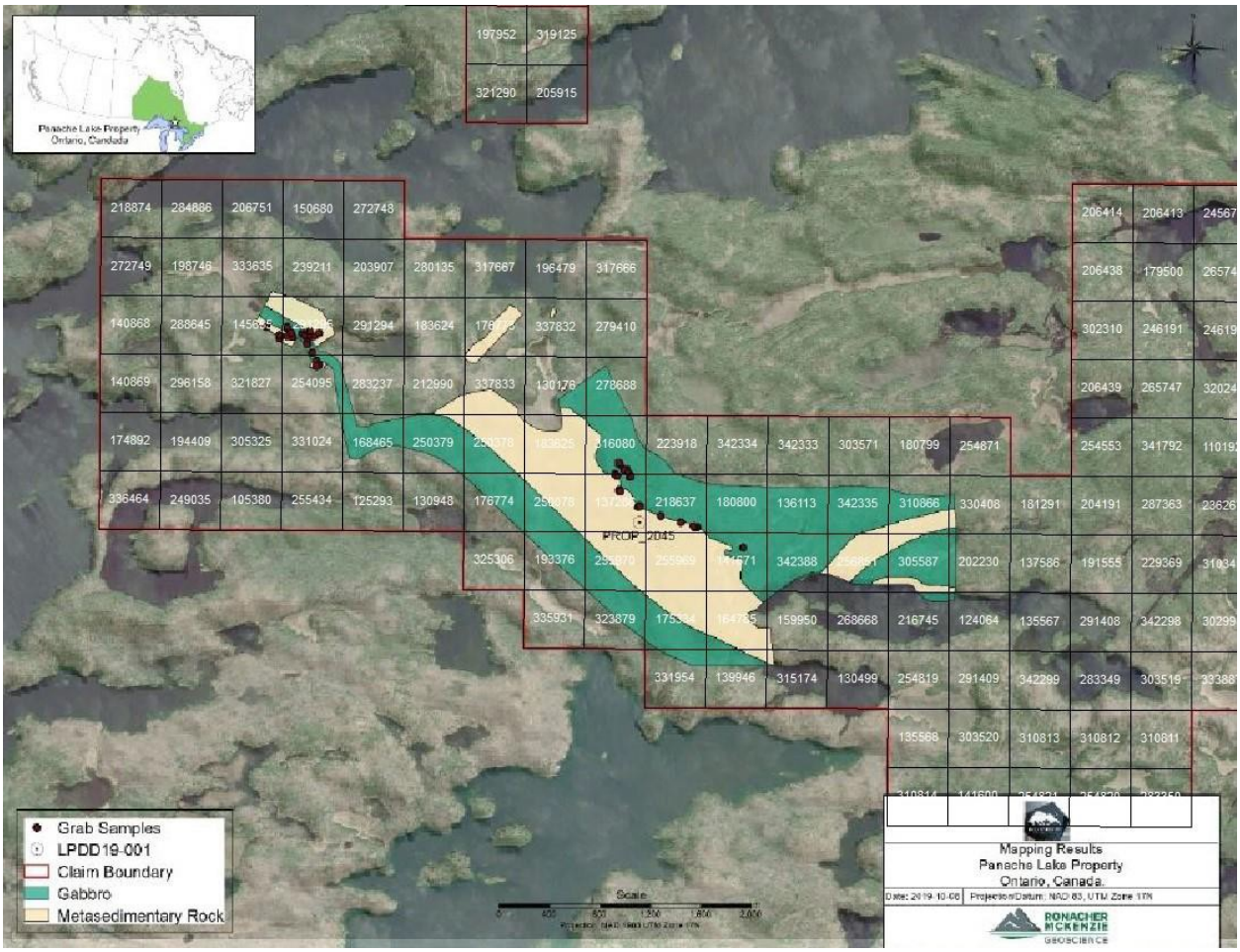

Figure 6-1: Map showing the interpretation of the mapping results.

Table 6-1: List of claims where mapping work was carried out in September 2019

Claim Number	Cell Number	Claim Number	Cell Number
333635	41I03L065	180800	41I03L153
145655	41I03L085	136113	41I03L154
291295	41I03L086	342335	41I03L155
176773	41I03L089	310866	41I03L156
337832	41I03L090	330408	41I03L157
254095	41I03L106	193376	41I03L170
283237	41I03L107	255970	41I03L171
212999	41I03L108	255969	41I03L172

Claim Number	Cell Number	Claim Number	Cell Number
337833	41I03L109	141671	41I03L173
130176	41I03L110	342388	41I03L174
278688	41I03L111	256851	41I03L175
168465	41I03L127	305587	41I03L176
250379	41I03L128	202230	41I03L177
250378	41I03L129	323879	41I03L191
183625	41I03L130	175334	41I03L192
316080	41I03L131	164785	41I03L193
223918	41I03L132	159950	41I03L194
176774	41I03L149	216745	41I03L196
250078	41I03L150	331954	41I03L212
137286	41I03L151	139946	41I03L213
218637	41I03L152	315174	41I03L214

Assay results for the grab samples are listed in Table 6-2. Sample locations are shown in Figure 6-2, Figure 6-3 and Figure 6-4.

Table 6-2: List of grab samples and assay results.

Sample ID	Easing	Northing	Claim #	Rock Type	Ni (ppm)	Cu (ppm)	Au (ppm)	Pt (ppm)	Pd (ppm)	S (%)
W107401	466678	5118404	137286	QV	5270	1615	0.011	0.0025	0.013	87
W107402	466689	5118417	137286	GAB	1350	1090	0.002	0.0025	0.001	4.22
W107403	466694	5118411	137286	?	981	313	0.003	0.0025	0.015	6.51
W107404	466527	5118541	137286	SED	66.4	9.6	0.0005	0.007	0.002	0.04
W107405	466530	5118545	137286	SED	543	17.6	0.002	0.0025	0.003	0.29
W107406	466534	5118533	137286	SED	55	4.8	0.0005	0.0025	0.001	0.1
W107407	463936	5119757	291295	QV	122.5	1810	0.091	0.0025	0.002	5.2
W107408	463908	5119773	291295	QV	5300	2890	0.027	0.0025	0.068	104
W107409	463833	5119744	145655	QV	2520	330	0.002	0.0025	0.017	2.8
W107410	463833	5119770	145655	SED	39.6	32.5	0.0005	0.0025	0.0005	0.29
W107411	464013	5119782	291295	GAB	185	304	0.003	0.0025	0.0005	2.83
W107412	466567	5118711	316080	GAB	1095	2530	0.035	0.063	0.173	1.11
W107413	466586	5118709	316080	GAB	164.5	72.6	0.0005	0.0025	0.005	0.04
W107414	466566	5118702	316080	GAB	277	1020	0.023	0.05	0.031	0.36
W107415	466532	5118746	316080	GAB	565	1335	0.031	0.089	0.021	0.82
W107416	466524	5118759	316080	GAB	724	5560	0.314	0.205	0.321	1.06
W107417	466602	5118677	316080	GAB	238	344	0.028	0.254	0.04	0.17

Sample ID	Easing	Northing	Claim #	Rock Type	Ni (ppm)	Cu (ppm)	Au (ppm)	Pt (ppm)	Pd (ppm)	S (%)
W107418	466611	5118646	137286	GAB	377	946	0.022	0.058	0.041	1.01
W107419	466620	5118649	137286	GAB	276	881	0.032	0.029	0.036	0.3
W107420	466623	5118655	137286	GAB	411	1830	0.099	0.075	0.09	1.14
W107421	466496	5118668	137286	GAB	615	1770	0.02	0.0025	0.013	9.24
W107422	466509	5118661	137286	GAB	107.5	352	0.003	0.0025	0.0005	1.01
W107423	464032	5119766	291295	GAB	81.5	31.5	0.0005	0.0025	0.0005	0.19
W107424	464077	5119797	291295	QV	2.4	4.3	0.0005	0.0025	0.0005	0.02
W107425	464107	5119761	291295	SED	42.8	2.1	0.001	0.0025	0.002	0.24
W107426	464147	5119785	291295	SED	36.6	2.7	0.0005	0.0025	0.001	0.23
W107427	464050	5119722	291295	GAB	74.7	48.8	0.002	0.0025	0.0005	0.12
W107428	464054	5119698	291295	GAB	75.5	55.6	0.002	0.0025	0.0005	0.17
W107429	464094	5119631	291295	GAB	78.9	32	0.001	0.0025	0.0005	0.18
W107430	464130	5119567	254095	GAB	77	92	0.002	0.0025	0.0005	0.18
W107431	464146	5119537	254095	SED	49.1	43	0.0005	0.0025	0.001	0.15
W107432	464146	5119537	254095	SED	28.6	14.5	0.0005	0.0025	0.001	0.07
W107433	463730	5119836	145655	SED	44.6	5.3	0.019	0.0025	0.001	0.95
W107434	466858	5118337	218637	GAB	65	98.6	0.001	0.0025	0.003	0.15
W107435	467015	5118284	218637	SED	128.5	86.7	0.0005	0.0025	0.001	0.1
W107436	467143	5118249	218637	SED	63.8	96.7	0.0005	0.0025	0.001	0.49
W107437	467130	5118247	218637	QV	40.9	48.8	0.0005	0.0025	0.0005	0.13
W107438	467123	5118257	218637	SED	98.1	28.8	0.0005	0.0025	0.001	0.01
W107439	467513	5118086	141671	GAB	179	17.4	0.001	0.005	0.007	0.01
W107441	463897	5119835	291295	GAB	71	58.3	0.003	0.009	0.009	0.13
W107442	463926	5119788	291295	GAB	70.9	45.2	0.001	0.005	0.0005	0.2

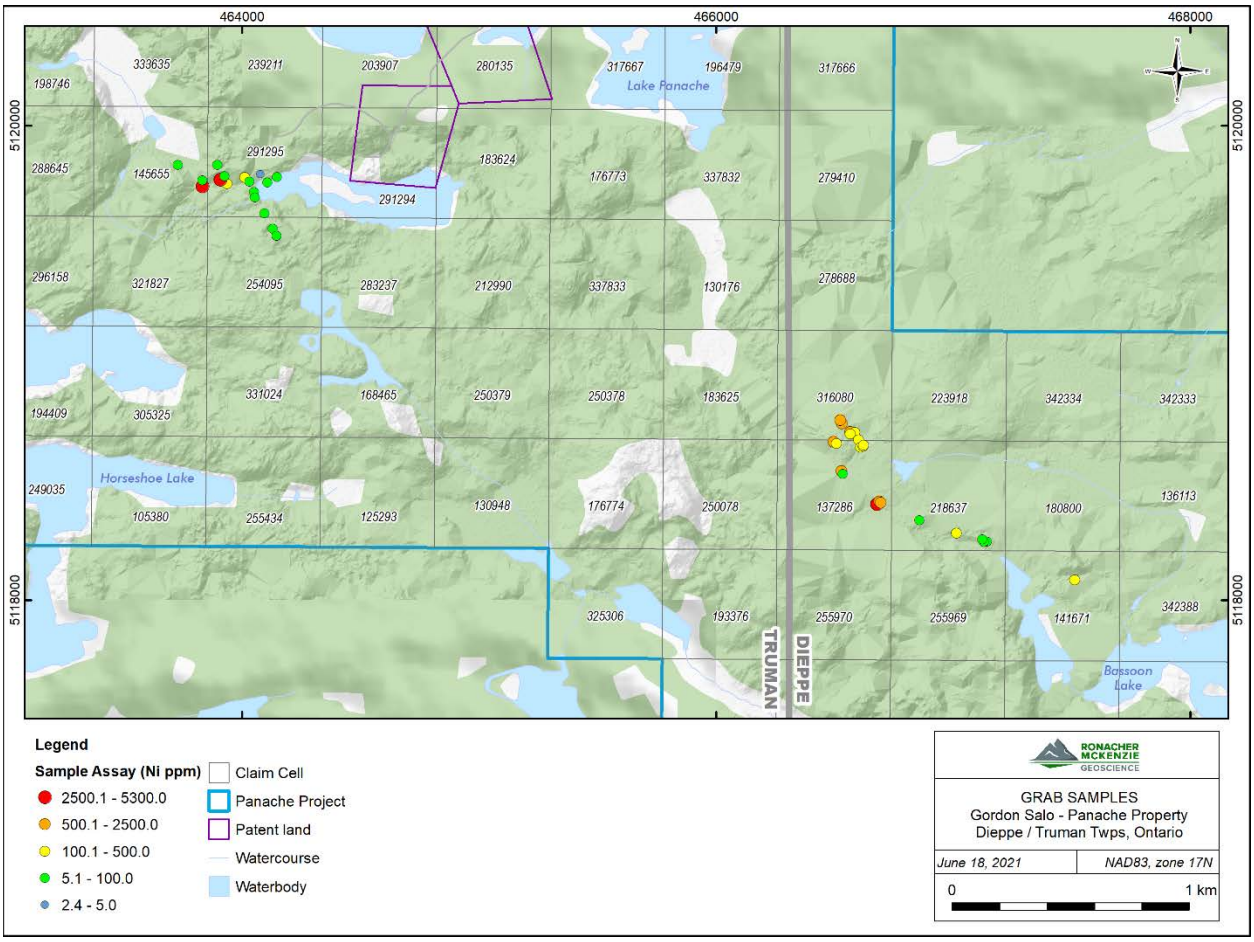

Figure 6-2: Map showing the locations of the samples collected in 2019.

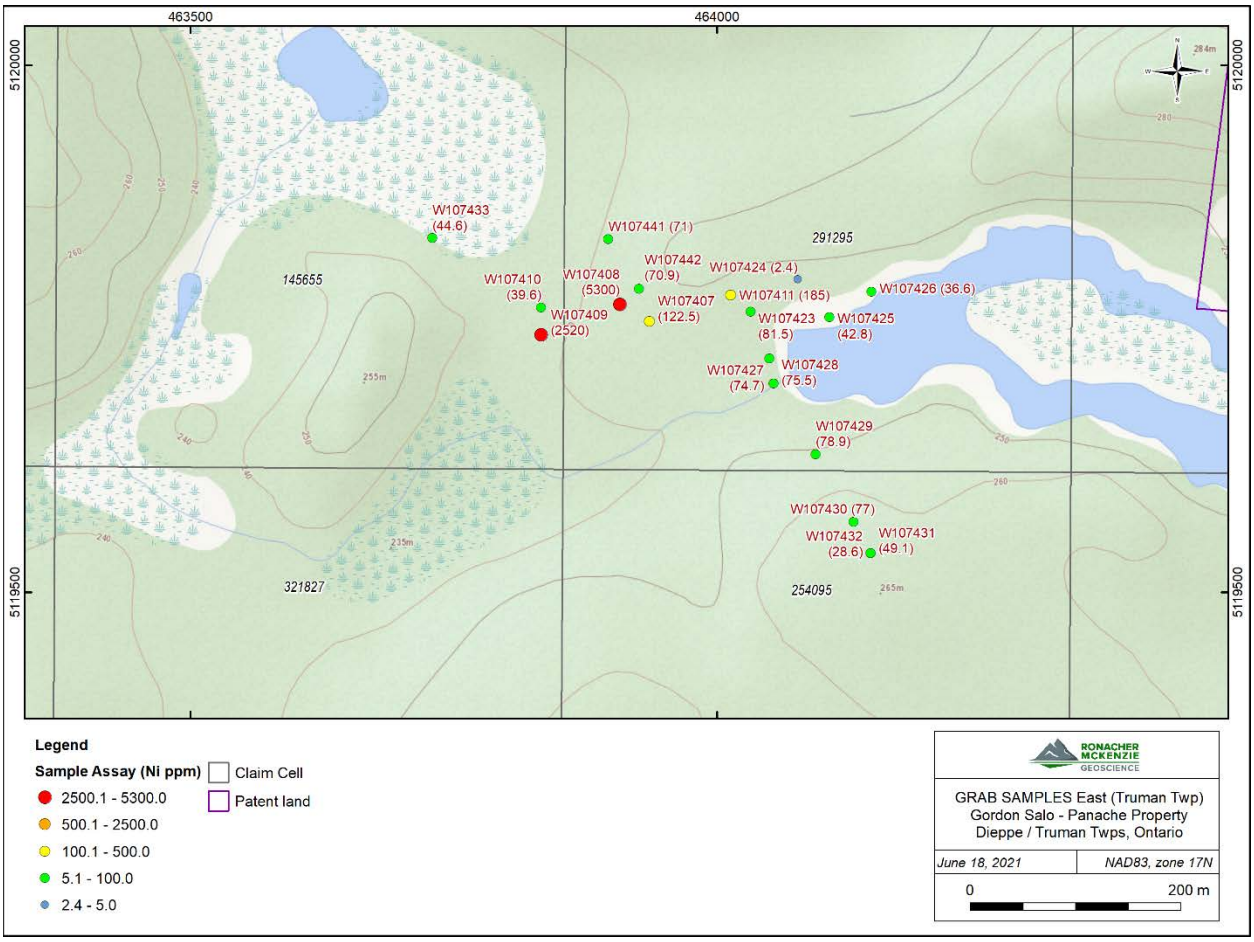

Figure 6-3: Details of samples collected in the eastern part of the property.

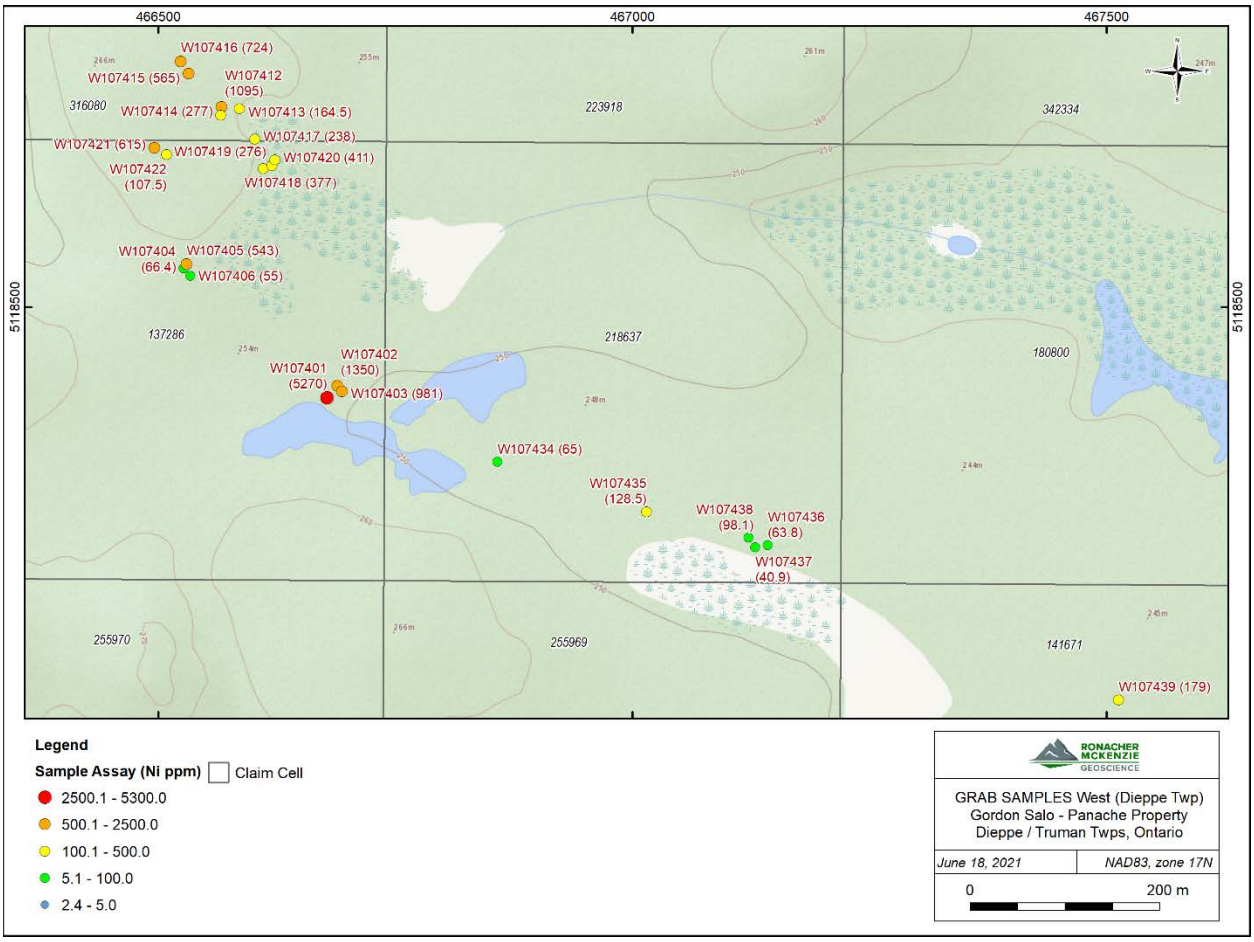

Figure 6-4: Details of samples collected in the western part of the property.

6.2 Diamond Drilling

From September 18 to 26, 2019 a single diamond hole (LPDD19-001) (Table 6-2 and Figure 6-2) was drilled to test the two parallel shallow conductors thought to represent a potential massive/semi-massive sulphide zone with associated stringer sulphide mineralisation within disseminated sulphides hosted in gabbro (Nipissing Gabbro). Diamond drilling was completed on claim 137286 (cell 41I03L151).

Table 6-3: Location of diamond drill hole LPDD19-001.

Hole ID	E (NAD83 Z17)	N (NAD83 Z17)	RL (m)	Azimuth (°)	Dip (°)	Depth (m)
LPDD19-001	466682	5118285	26	20	4	172.3

The drilling was the first hole (no previous drilling) to test the Panache Gabbro intrusion where exposed mineralised gossans up to 10m in width and up to 950m in strike returned grab sample results including Cu to 1.61%, Ni to 0.49%, Co to 1.1%, Au to 1.64 g/t, Pt to 1.64 g/t and Pd to 1.58 g/t.

First pass visual appraisal highlighted two zones of sulphide mineralisation that correlated with the two parallel ground TEM conductors outlined from the March 2019 fixed loop survey.

An Upper zone (altered metasediment) in contact with gabbro visually reported stringer, patchy and disseminated sulphides. Between 85.65m – 114.63m, strongly altered, quartz veined sandstone was intercepted with variable stringer, patchy and disseminated sulphide. Quartz veining (sometimes massive) with associated carbonate breccia appears to reflect a fault zone close or on contact with gabbro – contact at 114.63m. Noted sulphides include pyrrhotite, pyrite and chalcopyrite. The zone with the variable sulphides, strong brecciation (including carbonate breccia) and quartz veining has a width of 29m downhole.

A Lower zone visually reported semi-massive, stringer, patchy and disseminated sulphide in altered brecciated gabbro. This second mineralised zone occurs between 137.84m – 149.33m, a downhole width of 11.5m. The zone is brecciated altered gabbro with variable sulphide. The sulphide is semi-massive, patchy, stringer and disseminated and comprises of pyrrhotite, pyrite and chalcopyrite.

A total of 112 drill core samples were collected and assayed. Final assay results from the drill program were disappointing. Assays returned low tenor copper, nickel and PGE results from massive pyrrhotite and pyrite associated with highly deformed siliceous metasediment in contact with gabbro. Massive iron sulphides were found to be remobilised along a wide shear zone and correlate with two parallel conductors previously defined by the ground TEM (transient electromagnetic) survey. The best assay results are shown in Table 6-4

The drill log, a cross-section and the assay certificate are provided in Appendix 3, 4 and 5.

Table 6-4: Selected drill core assay results

Sample ID	From (m)	To (m)	Ni (ppm)	Cu (ppm)	Au (ppm)	Pt (ppm)	Pd (ppm)	Ag (ppm)	S (%)
N578282	103.55	103.90	3620	676	0.003	0.00255	0.018	0.14	10
N578269	92.75	93.30	1615	1095	0.0005	0.00255	0.016	0.1	7.01
N578290	110.45	111.00	1535	441	0.007	0.00255	0.037	0.07	8.32
N578317	140.12	140.80	1495	1500	0.014	0.00255	0.033	0.05	6
N578266	88.74	89.92	1095	862	0.009	0.00255	0.056	0.14	4.5
N578263	86.00	86.59	739	637	0.002	0.00255	0.033	0.04	2.75
N578283	103.90	104.24	697	828	0.002	0.00255	0.01	0.03	3.35
N578294	113.80	114.63	675	454	0.006	0.006	0.014	0.06	2.47
N578271	93.73	94.50	627	583	0.001	0.00255	0.016	0.04	2.86
N578322	144.18	144.95	553	276	0.002	0.00255	0.016	0.02	2.27
N578318	140.80	141.50	552	307	0.002	0.00255	0.018	0.02	2.47
N578267	89.92	91.22	550	234	0.002	0.00255	0.015	0.08	3.17

Sample ID	From (m)	To (m)	Ni (ppm)	Cu (ppm)	Au (ppm)	Pt (ppm)	Pd (ppm)	Ag (ppm)	S (%)
N578319	141.50	142.15	533	400	0.002	0.00255	0.02	0.02	1.99
N578287	106.00	107.87	401	516	0.001	0.00255	0.006	0.03	2.55
N578291	111.00	112.00	381	210	0.005	0.00255	0.014	0.02	1.47
N578321	143.05	144.18	329	180.5	0.001	0.008	0.011	0.02	1.37
N578308	128.91	130.00	304	62	0.003	0.013	0.026	0.01	0.59

7.0 SAMPLE PREPARATION, ANALYSES AND QUALITY CONTROL

Drill core was split in half using a core saw and selected half core was sampled. The samples were put in plastic sample bags with pre-labeled sample tags. The samples were submitted to ALS Laboratories in Sudbury, Ontario, for analysis.

Five standards and three blanks were included in the sample stream. All standards and blanks passed.

8.0 CONCLUSIONS AND RECOMMENDATIONS

The diamond drilling program returned disappointing low tenor copper, nickel and PGE from massive pyrrhotite and pyrite associated with highly deformed siliceous metasediment in contact with gabbro. Massive iron sulphides were remobilised along a wide shear zone and correlate with two parallel conductors previously defined by a ground TEM (transient electro-magnetic) survey. Rumble completed a final review before withdrawing from the Project.

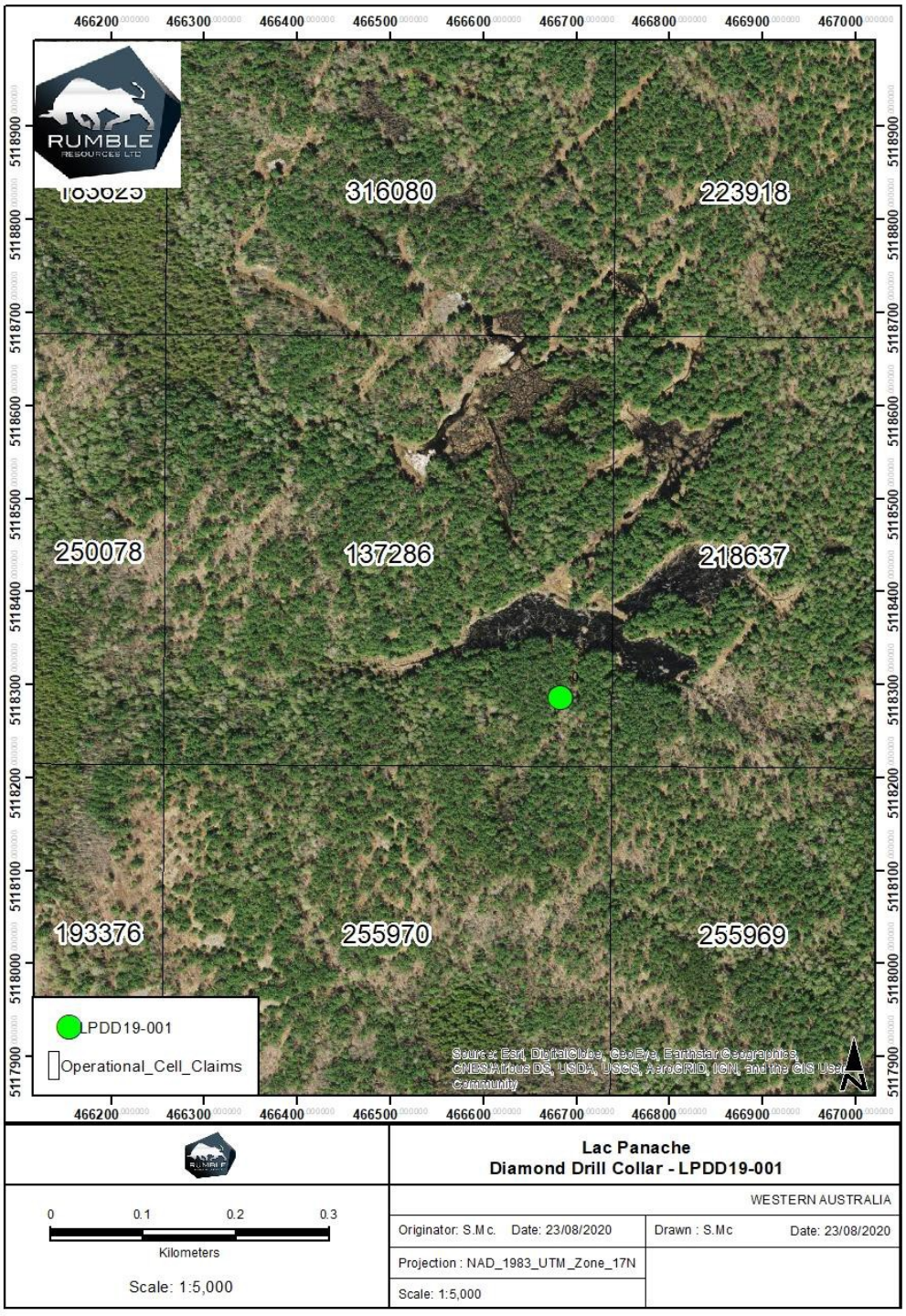

Figure 8-1: Location of diamond drill hole LPDD19-001.

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Bite, A., 2011, Lac Panache Project, Sudbury District – Ontario: Internal Report, 38 p.

Appendix 1 – Certificate of Author

Sally McGuinness

Statement of qualifications

I completed a Bachelor of Applied Science (Geology) at the University of Ballarat, graduating in 1997.

I have 17 years of experience in mineral exploration and scientific research in Australia.

I have substantial work experience in geosciences and mineral exploration within both the private sector and the Geological Survey of Western Australia. I was a geologist within the Geochemistry, and Minerals Resources and Regional Mapping Sections and a Senior Geologist in the Regolith Geochemistry Section of the GSWA. My work has been published in eight reports and three regolith materials maps.

I have been employed by a number of junior companies where I was responsible for planning and implementing on-ground exploration programs for commodities including, gold, base metals and uranium.

In 2016, I started my own business working for major and junior mining and exploration companies and tenement management services providers, providing assistance with geological interpretation, exploration planning, tenement management and report writing.

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Appendix 2 – Memorandum

Memorandum

To: Brett Keillor, Rumble Resources Ltd.
From: Luc Harnois, Ronacher McKenzie Geoscience Inc.
Date: October 18, 2019
Subject: Mapping on Panache Lake Property
CC: Shane Sikora, Mark Carder, Elisabeth Ronacher

1. Introduction

Rumble Resources Ltd. ("Rumble Resources") commissioned Ronacher McKenzie Geoscience Inc. ("Ronacher McKenzie") to map and prospect target Area A and Area B (Bite, 2011). Another objective was to map the contact between Nipissing gabbro and the metasedimentary rocks as much as possible.

Area B was previously mapped by Lane (2001; scale 1:5000) and Jobin-Bevans and Lyon (2001; scale 1:2000). However, there are no coordinates or other spatial reference available for the Jobin-Bevans and Lyon (2001) map.

Hence, the overall objective of the current project is to georeference the Jobin-Bevans and Lyon (2001) map in NAD83 UTM zone 17 and to combine it with the Lane (2001) map and with the field observations of September 2019.

The first part of this memo deals with the georeferencing of the Jobin-Bevans and Lyon (2001) map. Subsequently, reconnaissance mapping in Areas A and B is discussed.

2. Field Work

Georeferencing of Jobin-Bevans and Lyon (2001) Area B Map

Data acquisition with a Garmin GPSmap 60Cx was completed September 13, 2019, and data processing was done with QGIS on September 14, 2019.

Data acquisition:

a) The pickets at BL0/0+00 (466561E, 5118701N, NAD83) and at BL0/0+75mE (466615E, 5118649N, NAD83) of 2000-2001 were still standing (with quite readable aluminum tags; see the photos in Appendix 1). The GPS easting and northing values are the average of more than 2200 measurements taken over 30 minutes and are accurate to 1.0 m or better.

b) The southern end of the trench (the so-called "sulphide-bearing quartz vein" trench on the map) on the northern side of the swamp near the 2019 drilling site was measured at 466684E, 5118401N. Several measurements were taken during the day and averaged.

c) Based on the *measured* location of BL0/0+00 (466561E, 5118701N), point BL1+00S/L0+00E is *calculated* to be located at 466490E-5118632N (100 m at azimuth 225° from BL0/0+00) and point

BL0+66S/L0+00 (66 m at azimuth 225° from BL0/0+00) in the middle of massive pyrrhotite is *calculated* to be located at 466514E-5118656N. These two points do not add anything new. However, they ensure orthogonality of the grid after georeferencing:

- BL0/0+00, BL1+00S/L0+00E, and BL0+66S/L0+00 are on a straight line;
- BL0/0+00 and BL0/0+75mE are also on a straight line;
- These two lines are at 90 degrees from each other.

Prospecting and Sample of Area B

The gabbro-sedimentary contact was followed east and southeast of the 2019 drill site. In addition to rare outcrops, the gabbro and the gabbro-sedimentary contact is exposed in a few stripped outcrops and trenches in that area. The gabbro was sampled, as well as the thick pyrite-rich quartz vein at the gabbro-sedimentary contact, and the adjacent metasedimentary rocks (23 samples).

Area A

Since the gabbro seems to follow the trends of magnetic anomalies (see the airborne magnetic survey of Mustang Minerals Corp; Lane 2001), prospecting and sampling (18 samples) of area A was done using mainly the 1988 ground magnetic survey map (Farrow 1990). The map was georeferenced using five exploration pits easily found in the field which are also present on the map (Pit 1: 463908E, 5119773N, accuracy 3.3m; Pit 2: 463841E, 5119734N, accuracy 2.5m; Pit 3: 463834E, 5119750N, accuracy 2.7m; Pit 8: 464034E, 5119893N, accuracy 1.5m; Pit 10: 463936E, 5119757N, accuracy 3.0m; Garmin GPSmap 60Cx).

Despite the low number of outcrops in area A, mapping results indicate that the gabbro has a maximum thickness of 100 m in that area.

3. Interpretation and Conclusions

The georeferencing of the Jobin-Bevans and Lyon (2001) map of area B relied heavily on GPS coordinates collected in the field (see points a) and b) above). The end result is good and internally consistent, and the Base Line is oriented at 135°. However, all the georeferencing points are in the southern half of the map. Therefore, the northernmost part of the map may be slightly off and has not been verified.

The map Lac Panache Property – Trench A (Area B) Geology and Sample Locations (scale 1:400) of Jobin-Bevans and Lyon (2001; map PSL-02) was also georeferenced. This map is a detailed map of the main trench of Area B. This image has been georeferenced, but not independently. It has been georeferenced to fit in the georeferenced map of Area B.

The final map (Figure 1) combines the detailed geological map (1:5000) of the property from the Mustang Minerals Corp (Lane 2001) report (area B and southeast part of area A), the Jobin-Bevans and Lyon (2001) map of area B, and the September 2019 field work in area A and area B:

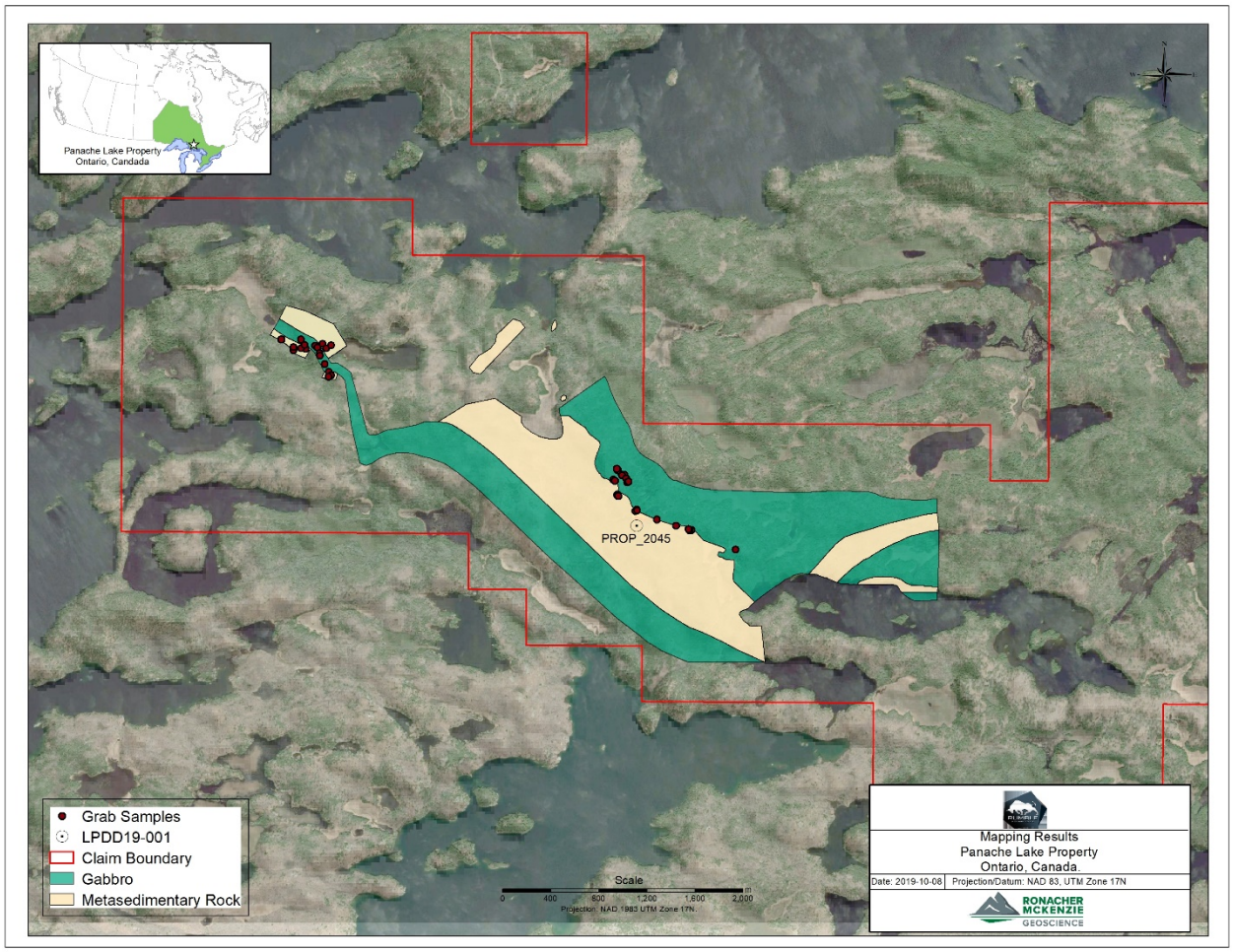


Figure 1: Map showing the interpretation of the mapping results.

4. Recommendations

Reconnaissance mapping was completed to determine the contact between the Nipissing gabbro and the meta-sedimentary rocks.

The boundaries of the northern part of the gabbro are not well constrained and further mapping is required to determine whether the gabbro extends north to Panache Lake. More detailed mapping is also recommended between Areas A and B to determine the exact boundary between intrusive and sedimentary rocks.

In addition, Ronacher McKenzie recommend a compilation of all available data for the property, including:

- Local and regional maps
- Local and regional geophysical data in the public domain (magnetic, EM, gravity)
- Data from assessment reports:

- Detailed geophysical data
- Detailed geochemical data
- Detailed mapping and trenching

We recommend that this information be compiled in 2D and in 3D space. Such a compilation will provide a property-wide geologic overview of all available historic and current data; it will allow Rumble Resources to integrate all data (geological, geochemical, geophysical), which will result in a better understanding of the property and it will help delineate targets for follow-up exploration.

5. Reference

Farrow, David G. (1990). Compilation assessment report: Salo Property copper, nickel, cobalt, gold, palladium and platinum prospect. January 1990, 36 pages.

Jobin-Bevans, S. and Lyon, D. (2001). Work report: Phase 1 - Lac Panache Property - Truman and Dieppe Townships - Sudbury Division. Prepared for Pacific North West Capital Corp., Maps PSL-01 and PSL-02. Available online at: www.geologyontario.mndmf.gov.on.ca/mndmfiles/afri/data/imaging/41I03NW2005//41I03NW2005.Pdf

Lane, T. (2001). 2001 Exploration Program - Truman Property - Dieppe, Truman, Foster, and Curtin Townships, District of Sudbury, Ontario, NTS 41-I/3 and 41-I/4. Mustang Minerals Corp., December 2001, 86 pages.

Bite, A., 2011, Lac Panache Project, Sudbury District – Ontario: Internal Report, 38 p.

APPENDIX 1

Picket BL0/0+00 with its aluminum tag still attached.

Aluminum tag BL0/0+00

Picket BL0/0+75E and aluminum tag on the ground near the base of the picket.

Aluminum tag BL0/0+75E

Appendix 3 – Drill Log

LPDD19-001

Start Date	18/09/2019	**Easting (UTM NAD 83, Zone 17N)**	466683	**Drilling Contractore**	Wolf Mountain Exploration
End Date	26/09/2019	**Northing (UTM NAD 83, Zone 17N)**	5118288	**Date of Completion of Logging**	27/09/2021
Dip	–45°	**Elevation (m)**	261	**Logging Geologist**	Luc Harnois, PhD, P.Geo.
Azimmuth	20°	**Claim Number**	137286	**Core Storage Location**	2005 Northshore Road
Length	172.30 m	**Drill Core Diameter**	BWT (42 mm)		Whitefish, ON P0M 3E0

From (m)	To (m)	Lithology	From (m)	To (m)	Mineralization	Mineral 1	Abundance 1 (%)	Mineral 2	Abundance 2 (%)	Mineral 3	Abundance 3 (%)
0.00	2.60	Casing									
2.60	85.65	Huronian metasediments (siliceous sandstone, feldspathic sandstone, greywacke). Fault zone 47.00-53.35m: the core is broken up in the interval 47.00-53.35m, suggesting a 6 meters thick fault zone going through the metasediments.	22.00	23.00	Disseminated	Py	0.1				
			37.00	45.50	Disseminated	Py	0.1				
			45.54	45.80	Blebs and patchy	Py	4.0				
			45.80	52.00	Disseminated	Py	0.1				
			52.00	62.86	Disseminated	Py	0.1				
			62.86	62.95	Disseminated	Po	3.0				
			62.95	84.05	Disseminated	Py	0.1				
			84.16	84.22	Blebs and patchy	Po	4.0	Py	1.0		
			84.30	84.44	Blebs and patchy	Po	1.0	Py	4.0	Cp	0.1
			84.44	85.65	Disseminated	Py	0.1				
85.65	114.63	Quartz vein. Quartz vein, sharp contact. Numerous intervals with a breccia texture. White mineralized quartz vein with a large quantity of metasediment (sandstone) and carbonate breccia. The carbonate breccia is almost always at the contact quartz vein-metasediment. Po, py and cp (mostly patchy and stringers, sometimes	85.65	86.59	Blebs and patchy	Po	4.0	Cp	0.7	Py	0.2
			86.50	86.89	Unknown/Other	Py	0.1				
		There is a high sulphides content zone at 103.55-103.90m: 25% py and 5% po. There is also a short semi-massive sulphide (40% pyrite) interval at 110.85-	86.89	88.13	Disseminated	Py	0.1				
		Fault zone 103.55-116.00m: the core is broken up in the interval 103.55-116.00m, suggesting a 13 meters	88.13	88.74	Patchy and stringers	Po	2.0	Cp	0.2		
			88.74	89.92	Patchy and stringers	Po	6.5	Py	2.0	Cp	0.5
			89.92	90.99	Patchy and stringers	Po	3.0	Cp	1.0		
			90.99	91.22	Patchy and stringers	Po	3.0	Py	1.0		
			92.75	93.30	Patchy and stringers	Po	2.5	Py	0.5	Cp	1.0
			93.73	94.50	Patchy and stringers	Po	3.0	Py	0.1	Cp	2.0
			94.50	103.55	Disseminated	Po	0.1	Py	0.1		

From (m)	To (m)	Lithology	From (m)	To (m)	Mineralization	Mineral 1	Abundance 1 (%)	Mineral 2	Abundance 2 (%)	Mineral 3	Abundance 3 (%)
			104.24	104.80	Patchy and stringers	Py	3.0				
			103.55	103.90	Patchy and stringers	Py	25.0	Po	5.0		
			103.90	104.24	Patchy and stringers	Py	5.0	Po	1.0		
			106.08	106.50	Patchy and stringers	Py	4.0				
			106.50	106.67	Blebs and patchy	Py	3.0				
			110.85	111.00	Semi-massive	Py	40.0				
			109.50	110.00	Patchy and stringers	Py	2.0				
			113.80	114.35	Patchy and stringers	Py	2.0	Po	2.0		
114.63	172.30	Nipissing gabbro.	120.03	121.00	Disseminated	Py	1.0				
		Gabbro, medium grained and massive (except in the zone described below).	124.70	124.90	Disseminated	Py	1.0				
		The gabbro is foliated, brecciated and has been moderately silicified from 137.84m to 149.33m: this zone contains more sulphides (po>>py and traces of cp) than the average background. A short semi-massive sulphide (25% pyrrhotite) interval 137.84-137.90m is in that zone. Another short massive	127.20	128.91	Disseminated	Po	2.0				
			129.01	131.30	Disseminated	Po	2.0				
			131.72	132.70	Disseminated	Po	2.0				
			137.84	137.90	Semi-massive	Po	25.0				
			140.12	140.42	Patchy and stringers	Po	4.0				
			140.42	140.60	Massive	Po	65.0				
			140.60	142.15	Patchy and stringers	Po	5.0	Py	1.0	Cp	0.1
			142.15	143.05	Disseminated	Po	0.1				
			143.05	145.69	Patchy and stringers	Po	4.0	Py	0.1		
			146.30	149.23	Patchy and stringers	Po	2.0	Py	0.3		
			149.23	172.30	Disseminated	Po	1.0	Py	0.1		
172.30		EOH									

Abbreviations:

cp	chalcopyrite
po	pyrrhotite
py	pyrite

Drill Core Samples and Assay Results

Sample ID	Sample Type	From (m)	To (m)	Au (ppm)	Pt (ppm)	Pd (ppm)	Ag (ppm)	Ni (ppm)	S ($)	Ni (%)	S (%)
N578201	Core sample	20	20.55	0.003	<0.005	0.001	<0.01	33.6	0.16		0.16
N578202	Core sample	37	39	0.005	<0.005	0.001	<0.01	56.5	0.41		0.38
N578203	Core sample	39	41	0.01	<0.005	0.002	0.01	51.7	0.28		0.25
N578204	Core sample	41	43	0.002	<0.005	0.002	0.03	50.5	0.26		0.22
N578205	Core sample	43	45	0.001	<0.005	0.002	0.01	37	0.18		0.14
N578206	Core sample	45	47	0.002	<0.005	0.001	0.01	66.4	0.57		0.52
N578207	Core sample	47	48.7	0.009	<0.005	0.002	0.03	62.2	0.19		0.16
N578208	Core sample	48.7	51	0.002	<0.005	0.001	0.01	46.5	0.15		0.12
N578209	Core sample	51	53	<0.001	<0.005	<0.001	0.02	36.4	0.22		0.18
N578210	Core sample	53	55	0.004	<0.005	0.001	0.01	51.6	0.26		0.24
N578211	Core sample	55	57	0.005	<0.005	0.001	<0.01	57.5	0.3		0.28
N578212	Core sample	57	59	0.008	<0.005	0.001	0.05	55.9	0.24		0.22
N578213	OREAS 682			0.075	0.855	0.447	0.13	586	0.11		0.1
N578214	Core sample	59	61	0.003	<0.005	0.002	0.02	45.3	0.18		0.16
N578215	Blank			<0.001	<0.005	<0.001	0.01	1.7	0.01		<0.01
N578228	Core sample	61	62	0.002	<0.005	0.001	<0.01	41.3	0.26		0.26
N578229	Core sample	62	63	0.001	<0.005	0.001	<0.01	43.8	0.28		0.28
N578230	Core sample	63	64	0.001	<0.005	0.001	0.01	40.7	0.16		0.15
N578231	Core sample	64	65	0.001	<0.005	0.001	0.01	39.2	0.12		0.11
N578232	Core sample	65	65.5	<0.001	<0.005	0.001	<0.01	38.5	0.24		0.23
N578233	Core sample	55	66.3	<0.001	<0.005	0.002	<0.01	38.5	0.16		0.15
N578234	Core sample	66.30	67.50	0.001	<0.005	0.002	0.01	44.1	0.08		0.08
N578235	Core sample	67.50	68.30	0.001	<0.005	0.001	<0.01	48.1	0.2		0.17
N578236	Core sample	68.30	69.00	0.006	<0.005	0.002	0.01	72.6	0.56		0.56
N578237	Core sample	69.00	70.00	0.001	<0.005	0.002	0.01	39.9	0.05		0.05
N578251	Core sample	70.00	72.00	0.009	<0.005	0.002	0.01	51.1	0.22		0.21
N578252	Core sample	72.00	74.00	0.002	<0.005	0.002	<0.01	57.8	0.28		0.25
N578253	Core sample	74.00	76.00	0.002	<0.005	0.002	0.01	55.4	0.25		0.22
N578254	Core sample	76.00	78.00	0.002	<0.005	0.002	0.01	61.5	0.29		0.26
N578255	Core sample	78.00	80.00	0.005	<0.005	0.002	0.02	53	0.29		0.26
N578256	Core sample	80.00	81.00	0.01	<0.005	0.002	0.04	55.9	0.29		0.27
N578257	Core sample	81.00	82.00	0.003	<0.005	0.002	0.01	53	0.39		0.34
N578258	Core sample	82.00	83.00	<0.001	<0.005	0.001	<0.01	46.5	0.25		0.22
N578259	Core sample	83.00	84.00	0.002	<0.005	0.001	<0.01	44.5	0.29		0.26
N578260	Core sample	84.00	85.00	0.001	<0.005	0.001	0.02	98.4	0.59		0.55
N578261	Core sample	85.00	85.65	0.001	<0.005	0.001	0.01	51	0.29		0.25
N578262	Core sample	85.65	86.00	<0.001	<0.005	0.009	0.01	186	1.01		1.29
N578263	Core sample	86.00	86.59	0.002	<0.005	0.033	0.04	739	2.75		4.08
N578264	Core sample	86.59	87.49	<0.001	<0.005	0.001	0.01	27.3	0.15		0.13
N578265	Core sample	87.49	88.74	<0.001	<0.005	<0.001	<0.01	16.3	0.06		0.06
N578266	Core sample	88.74	89.92	0.009	<0.005	0.056	0.14	1095	4.5		11.25

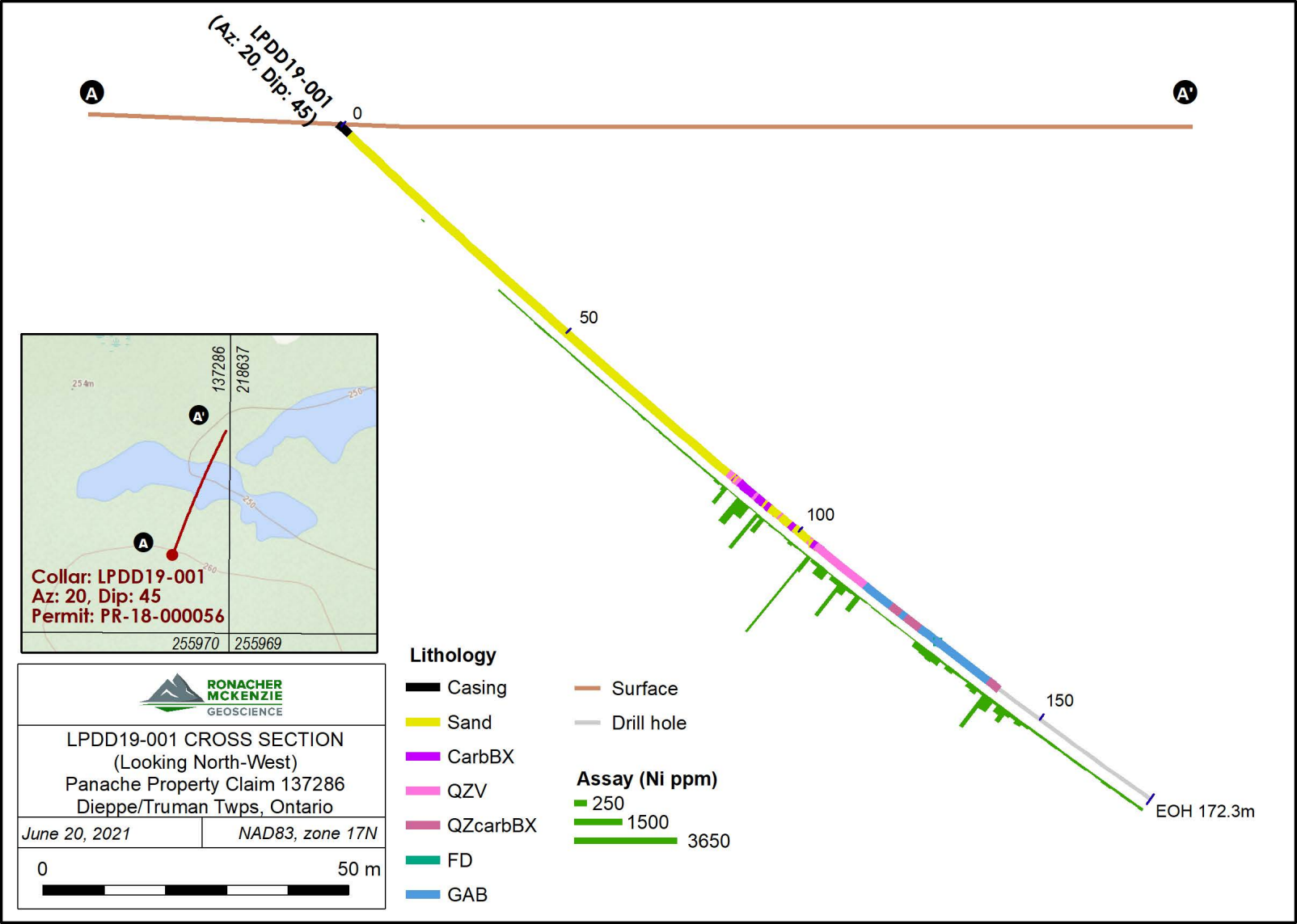
Drill Core Samples and Assay Results

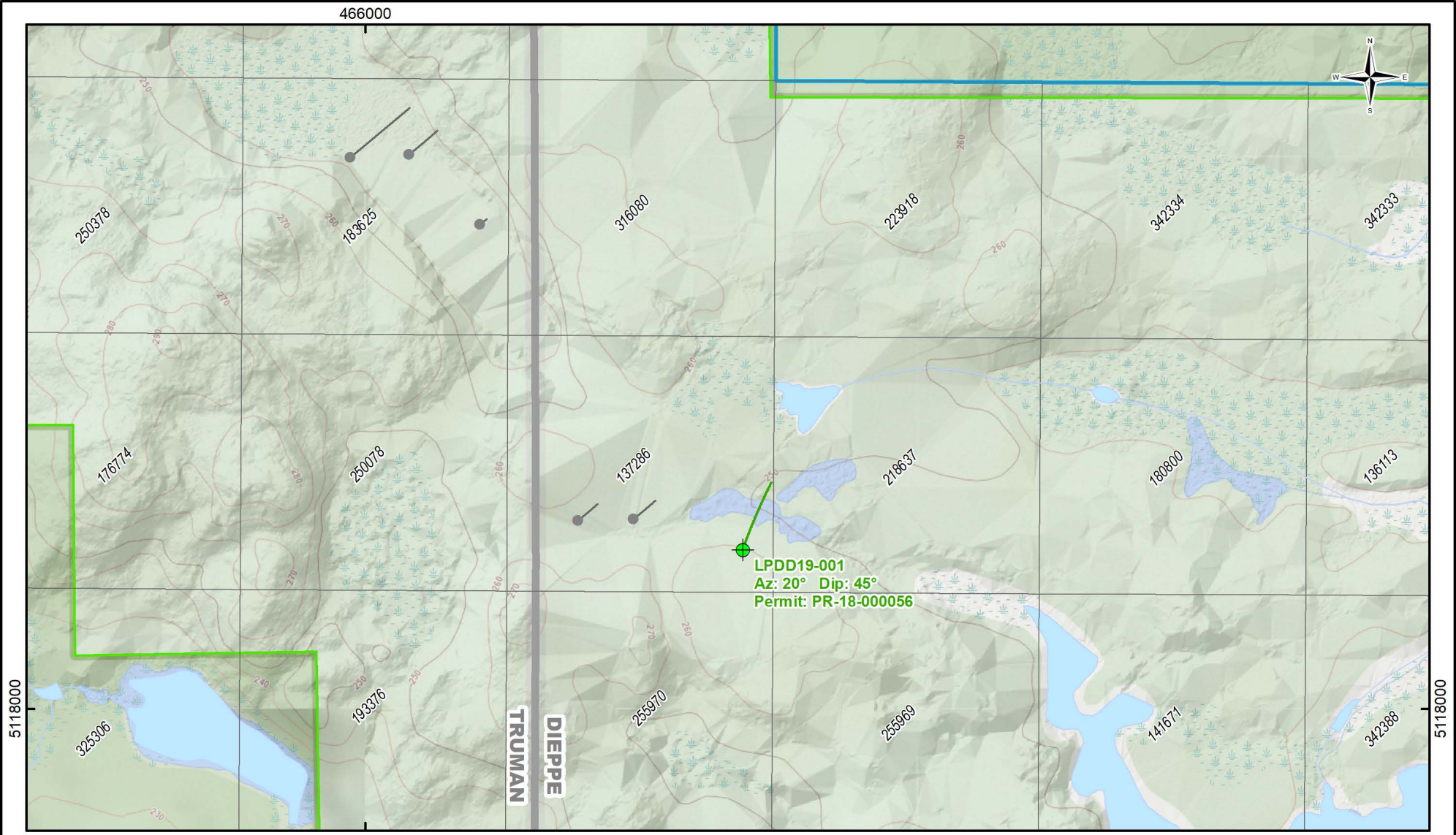
Sample ID	Sample Type	From (m)	To (m)	Au (ppm)	Pt (ppm)	Pd (ppm)	Ag (ppm)	Ni (ppm)	S ($)	Ni (%)	S (%)
N578267	Core sample	89.92	91.22	0.002	<0.005	0.015	0.08	550	3.17		3.59
N578268	Core sample	91.22	92.75	<0.001	<0.005	0.001	0.04	22.1	0.1		0.09
N578269	Core sample	92.75	93.30	<0.001	<0.005	0.016	0.1	1615	7.01		9.91
N578270	Core sample	93.30	93.73	<0.001	<0.005	0.002	0.03	80.8	0.28		0.27
N578271	Core sample	93.73	94.50	0.001	<0.005	0.016	0.04	627	2.86		3.72
N578272	Core sample	94.50	95.50	<0.001	<0.005	0.001	0.01	37.5	0.19		0.19
N578273	Core sample	95.50	96.54	<0.001	<0.005	0.001	0.01	61.4	0.28		0.27
N578274	Core sample	96.54	96.96	<0.001	<0.005	0.001	0.01	52.1	0.44		0.42
N578275	Core sample	96.96	98.00	<0.001	<0.005	0.001	0.02	47.7	0.38		0.37
N578276	Core sample	98.00	98.80	<0.001	<0.005	0.001	<0.01	50	0.33		0.3
N578277	Core sample	98.80	99.70	<0.001	<0.005	0.002	0.01	59.5	0.41		0.34
N578278	Core sample	99.70	100.50	<0.001	<0.005	0.006	0.02	140	1.3		1.26
N578279	Core sample	100.50	101.50	<0.001	<0.005	0.002	0.02	71.3	0.53		0.48
N578280	Core sample	101.50	102.85	<0.001	<0.005	0.002	0.02	46.9	0.41		0.31
N578281	Core sample	102.85	103.55	<0.001	<0.005	0.001	0.03	51.4	0.43		0.37
N578282	Core sample	103.55	103.90	0.003	<0.005	0.018	0.14	3620	>10.0		19.9
N578283	Core sample	103.90	104.24	0.002	<0.005	0.01	0.03	697	3.35		3.75
N578284	Core sample	104.24	104.54	<0.001	<0.005	<0.001	<0.01	24.3	0.14		0.12
N578285	OREAS 680			0.148	0.388	0.207	9.63	>10000	5.24	2.03	5.33
N578286	Core sample	104.54	106.00	0.001	<0.005	0.004	0.03	115	1.71		1.63
N578287	Core sample	106.00	107.87	0.001	<0.005	0.006	0.03	401	2.55		2.34
N578288	Core sample	107.87	108.80	<0.001	<0.005	0.001	0.01	39.8	0.06		0.05
N578289	Core sample	108.80	110.45	<0.001	<0.005	0.002	0.01	193	0.94		0.82
N578290	Core sample	110.45	111.00	0.007	<0.005	0.037	0.07	1535	8.32		8.56
N578291	Core sample	111.00	112.00	0.005	<0.005	0.014	0.02	381	1.47		1.36
N578292	Core sample	112.00	113.00	0.001	<0.005	0.001	0.01	117.5	0.56		0.53
N578293	Core sample	113.00	113.80	<0.001	<0.005	0.001	<0.01	86.4	0.26		0.22
N578294	Core sample	113.80	114.63	0.006	0.006	0.014	0.06	675	2.47		2.77
N578295	Blank			<0.001	<0.005	<0.001	0.01	5.5	0.01		<0.01
N578296	Core sample	114.63	116.00	0.001	<0.005	0.003	0.01	40.2	0.08		0.08
N578297	Core sample	116.00	117.00	0.001	<0.005	<0.001	<0.01	22.1	0.09		0.1
N578298	Core sample	117.00	118.50	<0.001	<0.005	0.001	0.01	36.5	0.21		0.2
N578299	Core sample	118.50	120.03	<0.001	<0.005	0.001	0.01	36.6	0.21		0.21
N578300	Core sample	120.03	121.00	<0.001	<0.005	0.002	0.01	37.7	0.08		0.06
N578301	Core sample	121.00	122.00	<0.001	<0.005	0.01	0.01	57	0.11		0.11
N578302	Core sample	122.00	123.08	0.001	0.009	0.015	0.03	29.6	0.03		0.03
N578303	Core sample	123.08	124.50	<0.001	<0.005	0.002	0.01	33.2	0.02		0.02
N578304	Core sample	124.50	126.04	<0.001	<0.005	0.002	0.01	29.4	0.06		0.05
N578305	OREAS 682			0.074	0.857	0.441	0.11	610	0.12		0.1
N578306	Core sample	126.04	127.50	0.001	0.01	0.01	0.02	244	0.44		0.42
N578307	Core sample	127.50	128.91	0.009	0.026	0.182	0.01	281	0.65		0.67

Drill Core Samples and Assay Results

Sample ID	Sample Type	From (m)	To (m)	Au (ppm)	Pt (ppm)	Pd (ppm)	Ag (ppm)	Ni (ppm)	S ($)	Ni (%)	S (%)
N578308	Core sample	128.91	130.00	0.003	0.013	0.026	0.01	304	0.59		0.62
N578309	Core sample	130.00	131.30	0.003	0.023	0.03	0.01	255	0.41		0.4
N578310	Core sample	131.30	132.50	0.001	0.029	0.032	0.01	68.9	0.17		0.16
N578311	Core sample	132.50	134.00	<0.001	0.012	0.007	<0.01	173	0.31		0.31
N578312	Core sample	134.00	135.50	0.002	0.011	0.003	<0.01	91	0.15		0.14
N578313	Core sample	135.50	137.00	0.008	0.015	0.003	0.01	78.5	0.12		0.12
N578314	Core sample	137.00	138.00	0.001	0.009	0.003	0.01	206	0.89		0.92
N578315	Core sample	138.00	139.00	0.005	0.029	0.027	<0.01	258	0.56		0.54
N578316	Core sample	139.00	140.12	0.002	0.008	0.005	0.01	112.5	0.31		0.27
N578317	Core sample	140.12	140.80	0.014	<0.005	0.033	0.05	1495	6		8.09
N578318	Core sample	140.80	141.50	0.002	<0.005	0.018	0.02	552	2.47		3.04
N578319	Core sample	141.50	142.15	0.002	<0.005	0.02	0.02	533	1.99		2.79
N578320	Core sample	142.15	143.05	0.002	0.009	0.011	<0.01	96.5	0.23		0.19
N578321	Core sample	143.05	144.18	0.001	0.008	0.011	0.02	329	1.37		1.58
N578322	Core sample	144.18	144.95	0.002	<0.005	0.016	0.02	553	2.27		2.94
N578323	Core sample	144.95	145.69	0.002	<0.005	0.008	0.01	198.5	0.67		0.74
N578324	Core sample	145.69	146.88	0.001	<0.005	0.006	0.01	117.5	0.38		0.4
N578325	Blank			<0.001	<0.005	0.001	0.01	2	0.01		0.01
N578326	Core sample	146.88	148.00	0.005	0.008	0.009	0.01	216	0.95		0.86
N578327	OREAS 680			0.152	0.396	0.213	10.35	>10000	5.32	2.06	5.24
N578328	Core sample	148.00	149.33	0.002	0.013	0.013	0.01	118	0.4		0.36
N578329	Core sample	149.33	150.00	0.003	0.01	0.01	<0.01	70.4	0.1		0.09
N578330	Core sample	150.00	151.00	0.006	0.013	0.011	<0.01	79.8	0.11		0.12
N578331	Core sample	151.00	152.00	0.006	0.019	0.017	0.01	76.6	0.13		0.11
N578332	Core sample	152.00	153.50	0.004	0.018	0.016	0.02	78.6	0.07		0.06
N578333	Core sample	153.50	155.00	0.004	0.029	0.029	0.01	88	0.14		0.14
N578334	Core sample	155.00	156.50	0.004	0.014	0.019	<0.01	69.7	0.09		0.09
N578335	Core sample	156.50	158.00	0.002	0.008	0.011	0.02	75.2	0.05		0.05
N578336	Core sample	158.00	159.50	0.005	0.017	0.018	0.02	88.9	0.22		0.19
N578337	Core sample	159.50	161.00	0.003	0.01	0.009	0.02	81.7	0.08		0.07
N578338	Core sample	161.00	162.50	<0.001	0.012	0.01	0.01	61.6	0.06		0.06
N578339	Core sample	162.50	164.00	0.003	0.011	0.008	0.02	63.1	0.05		0.05
N578340	Core sample	164.00	166.00	0.005	0.011	0.015	0.02	96.8	0.06		0.06
N578341	Core sample	166.00	168.00	0.005	0.01	0.012	0.02	77.2	0.1		0.1
N578342	Core sample	168.00	170.00	0.002	0.005	0.008	0.01	87.4	0.09		0.09
N578343	Core sample	170.00	171.50	0.005	0.022	0.017	0.01	77.8	0.04		0.05
N578344	OREAS 682			0.074	0.855	0.446	0.12	593	0.11		0.11
N578345	Core sample	171.50	172.30	0.003	0.02	0.013	0.02	96.1	0.05		0.05

Appendix 4 – Cross Section


LPDD19-001
(Az: 20, Dip: 45)
A
A'
0
50
100
150
EOH 172.3m
137286
218637
254m
250
260
Collar: LPDD19-001
Az: 20, Dip: 45
Permit: PR-18-000056
255970
255969
Lithology
Casing
Sand
CarbBX
QZV
QZcarbBX
FD
GAB
Surface
Drill hole
Assay (Ni ppm)
250
1500
3650
RONACHER MCKENZIE GEOSCIENCE
LPDD19-001 CROSS SECTION
(Looking North-West)
Panache Property Claim 137286
Dieppe/Truman Twps, Ontario
June 20, 2021
NAD83, zone 17N
0
50 m



Legend

- LPDD19 DH
- Historic DH
- Claim Cell
- Legacy Claim area
- Panache Project
- Patent land
- Watercourse
- Waterbody

RONACHER MCKENZIE GEOSCIENCE

DRILLING (Permit: PR-18-000056)
Gordon Salo - Panache Property
Dieppe/Truman Twps, Ontario

June 20, 2021 | *NAD83, zone 17N*

0 250 m

Appendix 5 – Assay Certificate

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RUMBLE RESOURCES LTD**
SUITE 5, 26 RAILWAY ROAD
PO BOX 1905
SUBIACO WA 6005
AUSTRALIA

Finalized Date: 25-OCT-2019
This copy reported on
30-OCT-2019
Account: RRLBMAFB

CERTIFICATE SD19244406

This report is for 163 Drill Core samples submitted to our lab in Sudbury, ON, Canada on 30-SEP-2019.

The following have access to data associated with this certificate:

LUC HARNOIS	BRETT KEILLOR	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
CRU-21	Crush entire sample
LOG-23	Pulp Login - Rcvd with Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	
ME-MS61	48 element four acid ICP-MS	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Ni-OG62	Ore Grade Ni - Four Acid	
S-IR08	Total Sulphur (IR Spectroscopy)	LECO
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Saa Traxler, General Manager, North Vancouver

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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To: **RUMBLE RESOURCES LTD**
SUITE 5, 26 RAILWAY ROAD
PO BOX 1905
SUBIACO WA 6005
AUSTRALIA

Finalized Date: 25-OCT-2019
Account: RRLBMAFB

CERTIFICATE OF ANALYSIS SD19244406

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01	PGM-ICP23 Au ppm 0.001	PGM-ICP23 Pt ppm 0.005	PGM-ICP23 Pd ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01
N578201		0.88	70.4	91.3	0.003	<0.005	0.001	<0.01	6.10	3.7	150	1.66	0.09	5.53	0.04	56.7
N578202		3.36		94.0	0.005	<0.005	0.001	<0.01	7.04	412	290	2.00	0.54	3.17	<0.02	57.7
N578203		3.39			0.010	<0.005	0.002	0.01	6.93	16.5	260	1.93	0.40	4.11	<0.02	76.6
N578204		3.31			0.002	<0.005	0.002	0.03	6.89	86.5	250	1.96	0.24	2.18	0.02	60.0
N578205		2.67			0.001	<0.005	0.002	0.01	6.90	31.9	260	2.23	0.10	2.60	<0.02	49.5
N578206		3.57	74.5		0.002	<0.005	0.001	0.01	7.12	28.5	220	2.04	0.24	4.78	0.02	63.0
N578207		2.13			0.009	<0.005	0.002	0.03	7.35	254	300	2.36	0.47	1.65	<0.02	53.3
N578208		3.79			0.002	<0.005	0.001	0.01	6.84	10.6	340	2.35	0.21	2.25	<0.02	83.2
N578209		2.24			<0.001	<0.005	<0.001	0.02	6.72	11.0	430	1.89	0.16	1.10	<0.02	58.5
N578210		3.39			0.004	<0.005	0.001	0.01	7.43	22.1	410	2.18	0.22	1.77	<0.02	70.3
N578211		3.10			0.005	<0.005	0.001	<0.01	7.19	17.9	470	2.28	0.23	2.20	0.06	57.9
N578212		3.40			0.008	<0.005	0.001	0.05	7.37	23.6	320	2.33	0.30	3.09	<0.02	68.1
N578213		0.12			0.075	0.855	0.447	0.13	8.43	1.0	380	1.21	0.09	6.32	0.05	32.8
N578214		2.94			0.003	<0.005	0.002	0.02	7.01	9.6	250	2.13	0.25	4.37	<0.02	59.9
N578215		0.81			<0.001	<0.005	<0.001	0.01	0.22	0.9	80	0.09	0.03	0.03	<0.02	4.60
W107401		3.19			0.011	<0.005	0.013	0.64	0.04	16.8	<10	0.06	9.60	0.03	0.10	15.90
W107402		1.97			0.002	<0.005	0.001	0.16	4.80	3.3	30	0.53	2.57	0.42	0.03	17.60
W107403		1.74			0.003	<0.005	0.015	0.11	0.57	131.0	<10	0.07	1.02	0.03	0.02	1.90
W107404		4.14			<0.001	0.007	0.002	0.04	7.45	342	20	1.55	0.63	0.11	<0.02	8.60
W107405		1.22			0.002	<0.005	0.003	0.01	5.80	2820	10	1.31	0.14	0.13	0.02	29.6
W107406		1.17			<0.001	<0.005	0.001	<0.01	7.90	175.0	30	1.85	0.04	0.22	0.05	2.96
W107407		3.54			0.091	<0.005	0.002	0.01	0.01	19.2	<10	<0.05	1.24	0.01	0.02	0.11
W107408		2.90			0.027	<0.005	0.068	0.17	0.02	15.8	<10	<0.05	0.70	0.02	1.32	1.69
W107409		4.81			0.002	<0.005	0.017	0.03	0.05	1.2	10	<0.05	0.14	<0.01	<0.02	1.85
W107410		1.88			<0.001	<0.005	<0.001	0.01	5.39	6.4	30	1.04	0.03	1.31	0.03	77.6
W107411		1.28			0.003	<0.005	<0.001	0.01	6.91	30.0	10	0.69	0.17	5.12	<0.02	28.8
W107412		1.42			0.035	0.063	0.173	0.24	7.98	6.9	140	0.57	0.41	5.55	0.13	16.40
W107413		1.93			<0.001	<0.005	0.005	0.02	7.45	3.0	170	0.44	0.05	7.29	0.05	15.05
W107414		1.37			0.023	0.050	0.031	0.10	6.52	2.0	160	0.36	0.29	5.62	0.03	11.65
W107415		2.40			0.031	0.089	0.021	0.06	7.22	20.5	60	0.48	0.25	5.14	0.02	15.65
W107416		1.00			0.314	0.205	0.321	0.29	7.97	19.1	110	0.42	0.60	7.06	0.13	16.10
W107417		0.86			0.028	0.254	0.040	0.01	8.18	38.1	100	0.84	0.14	3.64	0.03	10.30
W107418		1.03			0.022	0.058	0.041	0.01	5.72	26.2	50	0.44	0.25	5.61	0.02	13.20
W107419		0.99			0.032	0.029	0.036	0.02	7.74	3.8	30	0.55	0.15	7.62	0.02	31.0
W107420		1.53			0.099	0.075	0.090	0.03	7.46	36.4	30	0.46	0.80	7.33	0.02	18.70
W107421		1.20			0.020	<0.005	0.013	0.02	4.90	2.2	10	1.33	0.97	6.28	<0.02	59.2
W107422		1.41			0.003	<0.005	<0.001	0.01	2.48	0.6	30	0.75	0.31	7.10	<0.02	20.2
W107423		1.08			<0.001	<0.005	<0.001	<0.01	6.97	4.5	100	0.89	0.04	6.70	0.02	34.6
W107424		0.96		88.4	<0.001	<0.005	<0.001	<0.01	0.02	1.5	<10	<0.05	0.01	0.02	<0.02	0.09
W107425		0.58	70.1	95.7	0.001	<0.005	0.002	0.01	7.64	2.4	260	1.99	0.12	1.21	0.02	53.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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www.alsglobal.com/geochemistry

To: **RUMBLE RESOURCES LTD**
SUITE 5, 26 RAILWAY ROAD
PO BOX 1905
SUBIACO WA 6005
AUSTRALIA

Finalized Date: 25-OCT-2019
Account: RRLBMAFB

CERTIFICATE OF ANALYSIS SD19244406

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOD	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05
N578201		10.0	77	5.20	37.1	3.51	14.85	0.10	3.5	0.034	1.89	29.2	33.7	3.01	513	2.47
N578202		40.1	91	9.16	116.0	4.42	19.10	0.11	2.9	0.049	3.11	29.5	34.0	3.65	558	2.02
N578203		13.6	83	8.66	91.5	4.10	20.0	0.12	3.5	0.060	2.67	38.9	35.5	3.44	617	2.07
N578204		27.8	87	10.05	107.5	3.94	18.25	0.14	3.5	0.040	3.14	31.5	54.2	3.75	486	1.79
N578205		14.7	94	9.61	70.6	3.64	19.65	0.13	3.7	0.024	2.90	23.3	34.8	3.13	445	2.57
N578206		20.3	85	7.49	86.4	4.09	17.95	0.15	3.1	0.051	2.39	32.0	32.0	3.64	630	2.50
N578207		31.5	93	11.95	226	5.52	20.9	0.15	3.1	0.073	3.71	26.3	100.5	5.97	593	1.99
N578208		14.2	89	10.80	31.4	4.21	19.00	0.16	3.3	0.038	3.61	43.2	83.9	4.37	545	1.37
N578209		16.2	88	8.05	56.8	3.40	17.10	0.15	4.7	0.024	3.24	28.7	54.1	3.17	294	1.29
N578210		15.8	88	10.50	135.0	4.18	20.5	0.16	3.5	0.049	3.72	34.7	53.3	3.76	393	2.10
N578211		14.9	92	9.02	170.5	4.17	21.6	0.15	3.5	0.049	3.46	27.8	33.8	3.60	453	2.60
N578212		16.3	87	8.79	208	4.14	21.7	0.18	3.4	0.079	2.86	34.1	26.0	3.51	505	3.03
N578213		49.6	2830	3.16	263	6.43	18.05	0.12	1.4	0.038	1.13	15.6	11.2	4.75	1120	1.60
N578214		14.5	81	7.79	105.0	4.29	20.8	0.16	3.0	0.082	2.57	28.8	22.8	4.08	651	2.60
N578215		0.5	29	0.20	1.6	0.36	0.62	0.07	0.8	<0.005	0.05	2.4	7.4	0.03	45	1.97
W107401		650	126	0.05	1615	31.8	0.31	0.29	<0.1	0.048	0.01	6.2	7.3	0.02	69	7.61
W107402		266	112	1.14	1090	14.85	12.40	0.12	2.9	0.043	0.83	7.2	18.0	3.42	982	3.01
W107403		204	79	0.08	313	6.50	1.21	0.10	<0.1	0.015	0.19	0.8	3.3	0.01	53	5.00
W107404		127.0	82	0.10	9.6	0.22	24.8	0.07	4.0	<0.005	0.24	4.1	0.7	0.04	30	5.38
W107405		1085	122	0.07	17.6	0.38	18.00	0.08	7.5	0.005	0.15	13.9	0.8	0.08	46	6.70
W107406		86.6	59	0.10	4.8	0.18	24.9	0.12	4.0	<0.005	0.20	1.1	0.7	0.04	136	1.68
W107407		2510	68	<0.05	1810	13.20	0.09	0.13	<0.1	0.009	<0.01	<0.5	0.6	<0.01	27	3.88
W107408		1415	10	<0.05	2890	48.1	0.13	0.36	<0.1	0.006	<0.01	0.7	0.2	0.01	<5	0.73
W107409		402	19	<0.05	330	46.3	0.27	0.27	<0.1	0.005	0.01	0.7	0.5	0.01	<5	1.60
W107410		8.9	96	0.70	32.5	1.28	14.15	0.10	3.4	<0.005	0.48	36.0	2.7	1.28	113	4.82
W107411		123.0	194	0.18	304	8.40	20.2	0.09	3.3	0.037	0.06	14.2	7.0	3.44	583	1.56
W107412		83.4	175	0.73	2530	6.11	15.70	0.09	1.3	0.070	0.61	7.2	8.2	4.19	807	1.73
W107413		44.9	180	1.17	72.6	6.76	15.70	0.08	1.3	0.050	0.61	6.5	13.6	4.98	1060	1.15
W107414		60.7	194	1.23	1020	9.33	14.45	0.09	1.3	0.087	0.49	5.2	7.6	5.33	1320	0.66
W107415		82.9	236	0.81	1335	8.15	15.10	0.09	1.2	0.099	0.42	6.9	10.3	5.41	845	0.86
W107416		63.2	80	0.93	5560	7.27	16.40	0.10	1.2	0.141	0.51	7.0	7.1	3.82	969	1.04
W107417		42.5	153	0.57	344	5.06	16.90	0.08	0.9	0.039	0.52	4.5	8.3	4.25	441	0.87
W107418		85.0	157	1.18	946	9.82	12.95	0.09	1.2	0.096	0.58	5.4	4.3	5.81	615	0.74
W107419		39.3	60	0.58	881	6.12	15.95	0.09	1.3	0.086	0.26	14.7	2.8	3.46	477	0.66
W107420		65.6	70	0.24	1830	7.38	16.35	0.10	1.1	0.159	0.22	8.7	1.8	3.59	477	1.34
W107421		410	66	0.09	1770	20.4	14.45	0.22	3.0	0.157	0.06	18.8	1.8	2.49	296	0.90
W107422		68.3	59	0.08	352	20.7	19.15	0.12	1.6	0.682	0.18	9.0	4.6	3.46	810	1.14
W107423		51.7	162	1.26	31.5	10.70	21.5	0.10	3.3	0.111	0.75	15.4	9.5	3.84	903	1.22
W107424		0.7	45	<0.05	4.3	0.40	0.12	0.05	<0.1	<0.005	0.01	<0.5	0.3	0.01	43	2.83
W107425		12.4	85	4.63	2.1	2.98	21.0	0.17	5.0	0.032	3.92	25.4	22.7	3.52	114	1.82

***** See Appendix Page for comments regarding this certificate *****

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To: **RUMBLE RESOURCES LTD**
SUITE 5, 26 RAILWAY ROAD
PO BOX 1905
SUBIACO WA 6005
AUSTRALIA

Finalized Date: 25-OCT-2019
Account: RRLBMAFB

CERTIFICATE OF ANALYSIS SD19244406

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05
N578201		1.75	9.2	33.6	460	2.7	102.5	0.002	0.16	0.29	11.3	<1	2.1	57.2	0.78	<0.05
N578202		1.40	8.7	56.5	460	6.0	116.0	0.004	0.41	0.57	12.4	1	2.2	51.9	0.75	0.18
N578203		1.37	9.5	51.7	470	4.8	129.5	0.002	0.28	0.85	13.2	1	3.3	61.5	0.82	0.06
N578204		0.95	8.8	50.5	440	5.8	158.0	0.002	0.26	0.40	11.4	1	1.9	43.7	0.78	0.08
N578205		1.69	9.7	37.0	420	3.4	109.5	0.002	0.18	0.20	11.0	<1	1.9	58.3	0.87	<0.05
N578206		1.60	9.1	66.4	460	6.3	113.5	0.002	0.57	0.58	12.2	1	2.3	68.9	0.77	0.05
N578207		0.18	9.5	62.2	440	3.6	163.5	0.003	0.19	0.76	14.0	1	2.8	29.7	0.82	0.09
N578208		0.23	8.4	46.5	440	2.1	142.0	0.002	0.15	0.24	12.2	<1	2.2	31.5	0.74	<0.05
N578209		0.75	9.7	36.4	440	4.7	131.5	<0.002	0.22	0.46	10.6	1	1.9	43.6	0.89	<0.05
N578210		0.67	9.6	51.6	410	3.3	156.0	0.002	0.26	0.33	12.9	1	2.0	47.6	0.83	0.06
N578211		1.04	10.6	57.5	430	5.0	106.5	0.002	0.30	0.36	13.2	1	2.2	55.6	0.87	0.05
N578212		1.43	10.6	55.9	440	5.7	118.0	0.003	0.24	0.64	13.2	1	2.6	63.9	0.97	0.06
N578213		1.51	5.2	586	1230	8.3	54.2	0.004	0.11	0.29	22.6	1	1.6	478	0.38	0.17
N578214		1.72	9.8	45.3	450	3.2	91.7	0.002	0.18	0.43	12.6	<1	3.0	66.6	0.86	0.05
N578215		0.04	0.7	1.7	10	1.4	2.6	<0.002	0.01	0.19	0.4	<1	0.2	4.1	0.10	<0.05
W107401		0.01	0.1	5270	110	87.0	0.2	0.005	>10.0	0.20	10.2	56	0.6	0.8	<0.05	6.56
W107402		1.10	3.7	1350	570	8.8	12.6	<0.002	4.22	0.34	15.3	11	0.5	7.3	0.33	1.78
W107403		0.37	0.1	981	10	57.0	3.3	0.002	6.51	0.13	3.3	12	0.2	4.1	<0.05	1.45
W107404		7.66	6.2	66.4	150	1.5	3.5	<0.002	0.04	0.29	1.0	<1	0.5	15.2	0.53	0.22
W107405		5.73	8.0	543	10	2.0	2.7	<0.002	0.29	0.22	1.3	1	0.7	12.2	0.84	0.27
W107406		8.50	6.0	55.0	670	1.1	4.0	<0.002	0.10	0.28	1.1	<1	0.4	18.1	0.53	<0.05
W107407		0.03	<0.1	122.5	<10	5.2	0.1	<0.002	>10.0	0.38	<0.1	21	0.3	1.0	<0.05	1.18
W107408		<0.01	<0.1	5300	<10	104.0	<0.1	<0.002	>10.0	0.12	0.4	59	<0.2	0.3	<0.05	4.95
W107409		0.02	0.1	2520	10	2.8	0.5	<0.002	>10.0	0.14	0.2	53	<0.2	0.9	<0.05	4.90
W107410		3.92	4.2	39.6	330	2.6	19.5	<0.002	0.29	0.13	5.6	1	0.4	23.4	0.37	0.07
W107411		3.34	14.8	185.0	1090	0.7	1.8	0.002	2.83	0.14	25.8	4	1.7	39.2	0.94	0.27
W107412		2.56	2.5	1095	210	3.8	9.4	0.014	1.11	0.30	22.7	5	0.8	223	0.21	0.52
W107413		1.85	2.5	164.5	220	2.2	19.2	0.002	0.04	0.79	32.7	<1	0.6	191.5	0.21	<0.05
W107414		1.68	2.6	277	220	3.1	18.9	0.010	0.36	0.67	33.2	2	0.8	172.0	0.22	0.38
W107415		2.18	2.7	565	240	2.3	16.1	0.012	0.82	0.42	26.6	3	0.7	127.5	0.23	0.41
W107416		1.84	2.6	724	230	2.2	15.8	0.019	1.06	0.45	29.7	6	0.9	211	0.23	1.09
W107417		3.57	2.1	238	340	1.4	6.6	0.004	0.17	0.20	15.2	1	0.3	158.5	0.20	0.24
W107418		2.25	2.3	377	160	1.0	27.2	0.020	1.01	0.27	31.2	4	0.8	90.1	0.21	0.51
W107419		3.16	2.9	276	220	1.1	4.8	0.006	0.30	0.34	34.2	1	1.0	179.5	0.22	0.25
W107420		2.93	2.3	411	210	1.8	5.2	0.024	1.14	0.80	36.6	8	1.1	213	0.18	1.19
W107421		2.08	4.4	615	860	11.5	0.4	0.018	9.24	0.35	9.6	21	0.4	105.5	0.27	1.60
W107422		0.31	1.3	107.5	120	1.9	1.7	0.002	1.01	0.41	5.8	3	1.3	50.3	0.25	0.63
W107423		2.66	18.3	81.5	1260	1.2	21.9	0.003	0.19	0.41	42.5	1	1.5	141.5	1.14	<0.05
W107424		0.03	<0.1	2.4	<10	<0.5	0.2	<0.002	0.02	0.11	0.1	<1	<0.2	1.0	<0.05	<0.05
W107425		0.39	6.5	42.8	480	4.1	150.5	<0.002	0.24	0.41	13.1	1	3.3	9.8	0.56	0.09

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To: **RUMBLE RESOURCES LTD**
SUITE 5, 26 RAILWAY ROAD
PO BOX 1905
SUBIACO WA 6005
AUSTRALIA

Finalized Date: 25-OCT-2019
Account: RRLBMAFB

CERTIFICATE OF ANALYSIS SD19244406

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ni-OG62	S-IR08
	Analyte	Th	Ti	Tl	U	V	W	Y	Zn	Zr	Ni	S
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOD	0.01	0.005	0.02	0.1	1	0.1	0.1	2	0.5	0.001	0.01
N578201		11.15	0.259	0.38	3.4	68	0.9	18.8	20	128.5		0.16
N578202		9.59	0.302	0.53	3.6	94	2.9	18.0	21	112.0		0.38
N578203		12.60	0.288	0.52	4.5	87	5.6	20.3	17	132.0		0.25
N578204		10.65	0.270	0.68	4.0	81	2.3	16.4	15	129.0		0.22
N578205		10.10	0.293	0.55	3.6	90	1.1	16.2	15	134.5		0.14
N578206		10.95	0.277	0.46	3.4	83	2.0	20.8	22	116.0		0.52
N578207		12.60	0.290	0.69	3.9	102	2.2	19.6	16	112.0		0.16
N578208		10.30	0.269	0.46	3.6	91	2.0	19.5	13	122.5		0.12
N578209		12.50	0.265	0.49	4.4	69	2.2	18.5	11	175.5		0.18
N578210		12.15	0.273	0.52	4.1	85	2.8	19.7	16	128.5		0.24
N578211		10.15	0.294	0.52	3.8	91	3.3	18.1	38	130.0		0.28
N578212		12.15	0.293	0.51	4.1	86	2.0	21.5	20	125.0		0.22
N578213		4.46	0.487	0.15	1.2	222	1.1	13.9	85	51.1		0.10
N578214		9.59	0.287	0.41	3.8	88	3.5	20.3	15	112.5		0.16
N578215		1.18	0.015	<0.02	0.4	3	0.1	1.5	3	22.8		<0.01
W107401		0.06	<0.005	39.6	0.3	11	0.7	8.9	<2	<0.5		36.0
W107402		4.43	0.146	0.40	1.6	64	3.3	10.9	18	102.5		4.05
W107403		0.05	<0.005	2.27	<0.1	3	0.1	2.2	6	1.0		6.77
W107404		10.40	0.159	0.04	2.5	39	9.5	4.5	2	146.5		0.02
W107405		24.8	0.206	0.17	4.3	68	24.4	4.5	4	270		0.27
W107406		11.90	0.145	0.06	2.9	37	10.3	5.0	7	151.5		0.10
W107407		0.04	<0.005	0.16	<0.1	2	<0.1	<0.1	2	<0.5		16.75
W107408		0.03	<0.005	0.25	0.1	5	0.1	0.3	1180	<0.5		42.7
W107409		0.08	<0.005	0.04	0.1	5	<0.1	0.2	<2	1.0		36.7
W107410		9.95	0.088	0.10	1.9	42	1.4	7.7	12	123.0		0.24
W107411		2.67	1.300	0.02	1.4	354	2.5	25.2	11	124.5		2.86
W107412		1.80	0.258	0.16	0.7	153	0.5	8.3	54	49.2		1.18
W107413		1.68	0.347	0.11	0.5	214	0.5	10.8	52	47.2		0.03
W107414		1.68	0.363	0.22	0.5	199	0.4	10.5	54	47.9		0.34
W107415		1.75	0.356	0.24	0.5	178	0.4	10.5	30	48.5		0.76
W107416		1.87	0.337	0.17	0.5	185	0.5	10.8	65	45.9		1.05
W107417		1.46	0.196	0.11	0.8	125	0.2	4.5	20	35.2		0.15
W107418		1.52	0.328	0.20	0.4	198	0.3	10.0	14	42.3		0.99
W107419		2.14	0.359	0.04	0.8	214	0.5	12.7	15	47.4		0.26
W107420		1.81	0.338	0.10	0.6	227	0.6	10.5	19	41.5		1.09
W107421		8.11	0.186	0.02	33.9	57	0.2	37.5	10	100.0		11.05
W107422		0.73	0.130	0.04	2.6	39	0.3	4.2	19	61.6		0.91
W107423		2.15	1.515	0.04	0.7	406	0.4	29.5	19	124.0		0.17
W107424		0.01	<0.005	<0.02	<0.1	1	<0.1	0.1	<2	<0.5		0.02
W107425		12.95	0.252	0.35	4.5	83	3.4	17.1	5	180.0		0.22

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To: **RUMBLE RESOURCES LTD**
SUITE 5, 26 RAILWAY ROAD
PO BOX 1905
SUBIACO WA 6005
AUSTRALIA

Finalized Date: 25-OCT-2019
Account: RRLBMAFB

CERTIFICATE OF ANALYSIS SD19244406

Sample Description	Method	WEI-21	CRU-QC	PUL-QC	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Pass2mm	Pass75um	Au	Pt	Pd	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce
	Units	kg	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.02	0.01	0.01	0.001	0.005	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01
W107426		1.12			<0.001	<0.005	0.001	<0.01	6.07	1.3	130	1.63	0.04	1.31	0.03	38.1
W107427		0.89			0.002	<0.005	<0.001	0.02	6.60	4.0	130	0.93	0.06	6.27	0.02	43.0
W107428		0.74			0.002	<0.005	<0.001	0.01	6.76	6.1	160	1.06	0.16	6.94	0.02	38.1
W107429		1.03			0.001	<0.005	<0.001	<0.01	6.76	7.0	140	0.97	0.13	6.41	0.04	41.3
W107430		0.48			0.002	<0.005	<0.001	0.01	6.91	7.0	130	0.98	0.09	6.33	<0.02	37.9
W107431		1.14			<0.001	<0.005	0.001	<0.01	6.18	0.4	210	1.18	0.04	2.01	<0.02	68.1
W107432		0.74			<0.001	<0.005	0.001	<0.01	6.27	3.8	240	1.11	0.15	4.65	<0.02	42.2
W107433		1.10			0.019	<0.005	0.001	0.07	3.05	52.7	20	0.57	0.09	3.77	0.02	28.3
W107434		0.63			0.001	<0.005	0.003	0.04	7.92	11.9	30	1.26	0.05	1.78	0.02	30.1
W107435		1.09			<0.001	<0.005	0.001	0.03	3.63	1.6	20	0.52	0.24	8.45	0.03	9.48
W107436		0.69			<0.001	<0.005	0.001	0.02	3.00	18.6	60	0.83	0.09	18.30	<0.02	42.5
W107437		0.84			<0.001	<0.005	<0.001	0.01	0.15	37.6	10	<0.05	0.05	2.26	<0.02	7.12
W107438		1.00	94.4		<0.001	<0.005	0.001	0.01	6.01	7.9	60	2.13	0.08	3.54	0.08	110.5
W107439		0.49			0.001	0.005	0.007	0.01	6.64	18.1	100	0.41	0.03	7.42	0.04	10.65
W107440		0.06			0.153	0.399	0.215	10.05	7.12	121.0	160	1.34	1.58	5.55	7.84	39.1
W107441		1.44			0.003	0.009	0.009	0.01	6.38	4.5	150	1.51	0.02	4.80	<0.02	42.0
W107442		1.16			0.001	0.005	<0.001	0.06	6.59	3.2	130	0.99	0.62	5.56	0.04	36.8
W107443		0.46			<0.001	<0.005	<0.001	0.02	0.18	0.6	30	0.09	0.04	0.05	<0.02	4.52
N578228		1.47			0.002	<0.005	0.001	<0.01	6.46	9.8	280	1.91	0.15	2.56	<0.02	50.3
N578229		1.56			0.001	<0.005	0.001	<0.01	6.25	13.9	400	1.80	0.15	2.30	<0.02	51.0
N578230		1.62			0.001	<0.005	0.001	0.01	6.42	12.2	430	2.00	0.09	2.33	<0.02	54.0
N578231		1.54			0.001	<0.005	0.001	0.01	6.57	10.1	400	1.90	0.07	2.35	<0.02	54.7
N578232		0.76			<0.001	<0.005	0.001	<0.01	6.57	0.9	280	2.15	0.11	2.42	<0.02	54.1
N578233		1.25			<0.001	<0.005	0.002	<0.01	6.80	3.4	400	2.43	0.08	2.62	<0.02	51.4
N578234		2.15			0.001	<0.005	0.002	0.01	7.37	2.9	790	2.58	0.08	2.13	<0.02	55.4
N578235		1.30			0.001	<0.005	0.001	<0.01	6.65	1.1	210	2.52	0.12	2.82	<0.02	46.6
N578236		1.23			0.006	<0.005	0.002	0.01	6.28	0.9	290	1.54	0.28	2.30	<0.02	54.5
N578237		1.70			0.001	<0.005	0.002	0.01	6.37	0.6	290	1.96	0.17	2.40	<0.02	51.1
N578251		3.67			0.009	<0.005	0.002	0.01	6.55	1.1	240	1.92	0.15	2.88	<0.02	48.6
N578252		2.93			0.002	<0.005	0.002	<0.01	6.85	1.7	250	2.30	0.08	2.76	<0.02	48.3
N578253		3.28			0.002	<0.005	0.002	0.01	6.95	1.3	210	2.39	0.05	3.13	<0.02	55.6
N578254		3.31			0.002	<0.005	0.002	0.01	7.14	1.3	210	2.32	0.06	3.24	<0.02	54.3
N578255		3.35			0.005	<0.005	0.002	0.02	7.05	0.6	180	2.00	0.09	4.98	<0.02	61.1
N578256		1.54			0.010	<0.005	0.002	0.04	6.53	0.7	170	2.09	0.05	3.88	<0.02	54.8
N578257		1.76			0.003	<0.005	0.002	0.01	6.91	4.2	140	2.35	0.06	3.66	0.03	71.5
N578258		1.48			<0.001	<0.005	0.001	<0.01	6.71	2.2	100	1.93	0.04	2.16	<0.02	49.8
N578259		1.54			0.002	<0.005	0.001	<0.01	6.62	0.6	50	1.82	0.04	1.45	<0.02	63.9
N578260		1.52			0.001	<0.005	0.001	0.02	5.34	22.9	30	1.40	0.19	4.85	<0.02	63.6
N578261		1.15		91.2	0.001	<0.005	0.001	0.01	6.71	8.5	30	1.85	0.09	2.15	<0.02	47.2
N578262		0.61	70.0	91.2	<0.001	<0.005	0.009	0.01	0.18	76.7	<10	0.06	1.07	2.95	<0.02	8.27

***** See Appendix Page for comments regarding this certificate *****

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To: **RUMBLE RESOURCES LTD**
SUITE 5, 26 RAILWAY ROAD
PO BOX 1905
SUBIACO WA 6005
AUSTRALIA

Finalized Date: 25-OCT-2019
Account: RRLBMAFB

CERTIFICATE OF ANALYSIS SD19244406

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOD	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05
W107426		9.8	67	4.55	2.7	2.65	15.75	0.18	5.2	0.012	3.13	18.0	23.6	3.50	80	1.90
W107427		41.3	155	0.95	48.8	10.15	21.6	0.14	3.1	0.110	0.74	18.8	19.4	3.66	1020	1.25
W107428		45.5	147	1.91	55.6	10.25	21.0	0.13	2.8	0.125	0.97	16.7	25.0	3.64	1140	1.59
W107429		46.4	156	1.32	32.0	10.60	21.2	0.13	2.4	0.127	0.81	18.7	32.8	3.74	1260	1.49
W107430		41.9	151	2.69	92.0	10.60	21.1	0.11	2.8	0.162	1.12	17.1	23.4	3.79	858	1.18
W107431		16.7	76	6.26	43.0	4.36	18.80	0.17	3.7	0.027	2.94	33.9	40.5	4.77	316	1.37
W107432		9.9	75	4.81	14.5	3.28	16.35	0.14	3.4	0.036	2.47	20.5	34.4	3.97	896	1.43
W107433		36.4	82	0.08	5.3	2.55	8.06	<0.05	1.5	0.007	0.12	13.6	0.6	1.71	400	1.63
W107434		25.1	81	0.67	98.6	3.59	21.7	0.05	2.2	0.014	0.41	13.9	5.0	1.56	675	1.06
W107435		17.0	108	0.06	86.7	3.93	10.20	<0.05	2.6	<0.005	0.04	3.5	5.5	4.64	697	0.55
W107436		37.9	65	4.86	96.7	3.74	8.28	0.07	1.9	0.012	1.43	24.6	26.6	3.79	861	0.35
W107437		30.5	47	0.06	48.8	1.19	0.52	<0.05	0.1	<0.005	0.01	2.0	1.9	0.97	306	2.21
W107438		29.0	92	0.51	28.8	6.23	16.60	0.06	2.8	0.074	0.11	19.6	28.9	6.01	1130	0.75
W107439		51.2	213	1.14	17.4	6.93	13.95	<0.05	1.1	0.050	0.52	4.4	6.8	5.78	1020	0.50
W107440		322	1500	3.83	9000	11.55	16.25	0.12	1.6	0.127	1.23	18.2	13.9	3.57	1180	1.79
W107441		28.6	79	0.96	58.3	9.70	19.50	0.08	3.7	0.110	1.53	18.5	8.4	3.32	257	0.84
W107442		45.9	114	0.73	45.2	9.90	20.2	0.08	3.1	0.096	1.38	16.0	14.1	3.47	967	1.03
W107443		0.6	30	0.16	1.7	0.32	0.52	<0.05	0.8	<0.005	0.04	2.3	7.3	0.03	41	1.74
N578228		17.2	97	8.46	94.3	3.72	18.20	0.08	3.5	0.037	2.87	24.2	23.6	2.98	399	1.65
N578229		17.1	96	5.88	88.4	3.17	16.05	0.07	4.0	0.025	2.50	23.8	20.4	2.50	311	1.73
N578230		16.2	96	5.35	53.9	2.80	16.75	0.06	4.7	0.023	2.35	25.5	18.1	2.33	266	2.19
N578231		15.4	94	6.51	34.4	2.95	16.80	0.08	4.9	0.024	2.46	25.6	17.9	2.48	287	2.14
N578232		16.0	90	9.07	73.5	4.00	19.85	0.08	4.1	0.040	2.86	25.3	21.1	3.18	363	1.80
N578233		13.7	105	5.87	28.8	2.95	19.45	0.08	3.6	0.027	2.61	24.0	19.7	2.37	299	2.61
N578234		14.2	110	5.14	29.6	2.72	25.0	0.08	3.7	0.030	3.06	25.7	18.7	2.43	258	3.92
N578235		17.2	100	6.87	70.9	3.39	19.55	0.07	3.8	0.035	2.28	21.3	16.4	2.83	311	2.68
N578236		28.8	81	10.20	232	5.84	22.1	0.10	4.0	0.079	3.39	25.9	24.9	4.56	555	1.66
N578237		14.8	79	9.51	11.3	4.67	21.7	0.09	4.4	0.071	3.13	23.7	26.4	3.97	456	4.65
N578251		17.2	91	7.79	74.2	4.06	18.40	0.08	3.3	0.054	2.68	23.2	21.1	3.38	360	2.13
N578252		19.9	97	6.77	87.4	4.00	19.85	0.08	3.2	0.043	2.91	22.4	24.5	3.39	285	2.25
N578253		19.6	92	7.03	97.9	4.07	21.1	0.09	3.6	0.044	2.62	26.4	24.0	3.63	282	2.28
N578254		18.5	90	8.42	119.0	4.25	20.9	0.08	3.3	0.043	2.86	26.2	22.6	3.78	260	2.15
N578255		17.5	72	7.76	170.5	4.47	19.60	0.10	3.2	0.061	2.74	29.9	23.6	4.75	344	2.06
N578256		16.1	77	7.29	229	3.82	20.5	0.07	3.2	0.052	2.77	26.4	24.6	3.92	241	1.79
N578257		21.1	84	6.33	86.8	3.69	20.5	0.09	3.4	0.041	2.70	34.3	22.7	4.21	218	1.73
N578258		15.2	81	4.33	25.9	2.83	19.85	0.07	4.1	0.017	1.96	22.3	15.8	3.93	220	1.04
N578259		14.2	80	2.84	44.7	2.16	18.40	0.09	4.3	0.009	1.35	29.3	11.1	3.49	165	0.92
N578260		36.3	71	1.61	252	2.71	14.60	0.09	2.7	0.009	0.69	28.4	8.0	4.37	400	1.36
N578261		16.3	82	1.21	48.2	2.77	20.1	0.06	4.0	0.008	0.63	21.5	11.9	3.67	199	1.17
N578262		64.4	72	0.08	493	2.72	0.52	<0.05	0.1	<0.005	0.01	3.3	0.7	1.45	255	3.40

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PO BOX 1905
SUBIACO WA 6005
AUSTRALIA

Finalized Date: 25-OCT-2019
Account: RRLBMAFB

CERTIFICATE OF ANALYSIS SD19244406

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05
W107426		0.75	7.6	36.6	470	3.2	129.0	<0.002	0.23	0.24	8.7	1	2.2	12.4	0.69	<0.05
W107427		1.87	17.2	74.7	1150	1.2	22.5	0.003	0.12	0.82	41.1	<1	1.6	144.5	1.09	<0.05
W107428		1.70	18.8	75.5	1260	1.8	37.0	0.004	0.17	1.84	40.8	1	1.5	171.0	1.18	0.05
W107429		1.42	18.5	78.9	950	1.7	28.8	0.003	0.18	0.99	41.4	<1	2.1	104.5	1.10	<0.05
W107430		1.79	17.8	77.0	1280	0.7	40.4	0.002	0.18	0.71	41.9	1	1.8	97.1	1.10	<0.05
W107431		0.68	8.3	49.1	460	2.2	146.5	<0.002	0.15	0.10	11.1	<1	1.6	23.8	0.78	0.06
W107432		1.34	6.1	28.6	430	2.5	98.7	<0.002	0.07	0.18	10.4	<1	1.7	38.2	0.62	0.10
W107433		2.42	1.7	44.6	820	1.7	3.0	<0.002	0.95	0.23	18.6	2	0.3	29.0	0.13	0.23
W107434		5.73	6.7	65.0	760	6.4	14.3	<0.002	0.15	0.19	37.8	1	1.0	58.2	0.49	<0.05
W107435		2.61	3.1	128.5	290	1.8	1.4	<0.002	0.10	0.16	21.0	1	<0.2	33.1	0.30	0.16
W107436		0.91	3.5	63.8	300	2.5	97.0	<0.002	0.49	0.14	11.3	1	0.3	59.8	0.28	0.11
W107437		0.12	0.1	40.9	180	0.7	0.5	<0.002	0.13	0.13	11.8	1	0.2	7.5	<0.05	0.05
W107438		2.42	8.3	98.1	560	2.7	5.5	<0.002	0.01	0.18	13.8	1	1.7	44.3	0.54	<0.05
W107439		1.51	1.8	179.0	160	1.2	25.3	<0.002	0.01	0.56	33.0	1	0.6	171.0	0.13	<0.05
W107440		1.42	5.8	>10000	1300	2550	77.2	0.006	5.18	20.2	25.3	5	1.9	446	0.36	0.69
W107441		3.18	17.6	71.0	1250	2.0	82.0	0.002	0.13	0.33	43.2	1	2.0	88.9	1.02	<0.05
W107442		2.10	18.2	70.9	1210	1.7	47.1	0.002	0.20	0.45	38.5	1	1.3	190.0	1.00	0.17
W107443		0.03	0.6	1.9	20	1.4	2.1	<0.002	<0.01	0.20	0.6	<1	0.2	3.2	0.08	<0.05
N578228		1.63	9.5	41.3	470	3.1	91.1	<0.002	0.26	0.22	12.5	1	2.0	57.0	0.74	0.06
N578229		1.67	9.7	43.8	490	3.1	69.0	0.002	0.28	0.17	11.0	1	1.7	52.1	0.76	0.06
N578230		1.75	11.1	40.7	490	2.7	70.4	<0.002	0.16	0.21	11.3	1	2.1	56.6	0.90	<0.05
N578231		1.78	11.0	39.2	470	3.2	88.7	0.002	0.12	0.18	11.7	1	2.2	55.7	0.88	<0.05
N578232		1.90	10.9	38.5	460	2.7	91.4	0.002	0.24	0.20	13.5	1	2.4	57.2	0.86	<0.05
N578233		1.99	10.9	38.5	480	3.0	82.1	0.002	0.16	0.22	13.8	1	2.5	61.5	0.81	<0.05
N578234		1.66	11.2	44.1	460	2.5	80.4	0.002	0.08	0.30	15.9	1	3.1	51.4	0.87	0.05
N578235		2.27	11.0	48.1	470	2.5	72.1	0.002	0.20	0.19	14.3	1	2.1	68.1	0.81	0.07
N578236		1.05	11.0	72.6	470	3.6	118.5	0.002	0.56	0.18	11.1	1	3.0	42.7	0.85	0.13
N578237		1.35	14.2	39.9	480	3.9	88.5	0.003	0.05	0.26	11.4	1	3.6	54.9	1.07	<0.05
N578251		1.78	10.0	51.1	460	2.6	86.9	0.003	0.22	0.24	12.1	1	2.3	51.9	0.77	0.08
N578252		1.94	10.1	57.8	470	2.4	83.9	0.003	0.28	0.22	13.0	1	1.9	51.6	0.75	0.05
N578253		2.14	11.7	55.4	480	2.2	74.9	0.002	0.25	0.19	14.6	1	2.2	57.0	0.87	0.06
N578254		2.13	10.9	61.5	480	2.5	91.2	0.002	0.29	0.17	13.2	1	2.0	56.6	0.83	0.08
N578255		1.88	9.8	53.0	430	2.4	122.0	0.002	0.29	0.20	15.3	1	2.6	55.3	0.76	0.14
N578256		1.94	9.5	55.9	430	3.6	96.1	0.002	0.29	0.24	14.1	1	2.3	57.7	0.74	0.07
N578257		2.21	10.6	53.0	490	6.2	78.4	0.002	0.39	0.19	14.7	1	2.5	60.7	0.80	0.06
N578258		3.25	8.9	46.5	520	1.1	57.9	<0.002	0.25	0.10	13.8	1	1.4	32.7	0.68	<0.05
N578259		4.26	7.0	44.5	460	2.5	46.4	<0.002	0.29	0.15	13.4	1	0.7	25.3	0.55	0.05
N578260		3.25	3.6	98.4	580	1.9	35.8	<0.002	0.59	0.19	26.2	1	0.5	26.7	0.33	0.18
N578261		4.11	5.1	51.0	500	1.7	17.0	<0.002	0.29	0.09	12.4	1	0.8	32.5	0.44	0.05
N578262		0.11	0.1	186.0	10	0.9	0.5	<0.002	1.01	0.16	12.8	2	<0.2	8.1	<0.05	0.83

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CERTIFICATE OF ANALYSIS SD19244406

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ni-OG62	S-IR08
	Analyte	Th	Ti	Tl	U	V	W	Y	Zn	Zr	Ni	S
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOD	0.01	0.005	0.02	0.1	1	0.1	0.1	2	0.5	0.001	0.01
W107426		13.10	0.212	0.31	4.2	49	1.6	10.2	4	194.5		0.22
W107427		2.35	1.450	0.07	0.8	393	0.6	30.6	26	114.0		0.11
W107428		2.30	1.530	0.15	0.7	396	1.2	29.4	28	123.0		0.15
W107429		2.28	1.465	0.10	0.7	400	1.5	31.1	28	87.5		0.16
W107430		2.15	1.485	0.16	0.7	401	0.7	30.2	13	110.0		0.16
W107431		11.50	0.278	0.46	2.8	74	0.6	14.0	8	134.0		0.14
W107432		7.58	0.256	0.37	4.0	73	5.3	11.5	6	123.5		0.07
W107433		4.11	0.055	0.03	1.1	37	1.5	9.8	4	59.3		0.93
W107434		4.80	0.646	0.07	1.4	236	9.0	10.5	6	63.9		0.14
W107435		8.20	0.054	0.02	1.6	73	1.5	10.5	5	97.3		0.10
W107436		4.18	0.127	0.22	4.3	56	0.5	18.6	6	74.4		0.47
W107437		0.52	0.005	<0.02	0.1	10	0.9	4.7	2	4.2		0.11
W107438		11.30	0.242	0.10	2.6	73	0.5	16.0	21	107.5		0.01
W107439		1.15	0.290	0.10	0.4	237	0.6	11.8	51	39.9		0.01
W107440		5.79	0.503	0.44	1.4	215	1.5	16.6	2240	60.8	2.08	5.49
W107441		1.96	1.475	0.16	0.7	397	0.6	27.3	5	150.5		0.12
W107442		2.04	1.435	0.12	0.6	369	0.3	28.1	42	122.5		0.18
W107443		1.26	0.020	0.02	0.4	4	0.1	1.4	3	24.3		<0.01
N578228		9.15	0.280	0.45	2.8	81	2.9	15.1	11	134.5		0.26
N578229		8.84	0.277	0.34	2.9	73	2.0	14.6	8	155.5		0.28
N578230		10.65	0.282	0.33	3.3	72	1.9	17.9	7	180.5		0.15
N578231		11.90	0.282	0.36	3.7	71	2.3	17.8	8	189.0		0.11
N578232		9.63	0.283	0.47	3.2	82	0.8	17.2	9	156.0		0.23
N578233		9.59	0.296	0.34	2.7	90	2.6	18.1	8	139.0		0.15
N578234		10.90	0.325	0.33	3.1	107	2.8	18.0	6	138.5		0.08
N578235		9.35	0.294	0.36	2.7	89	1.5	17.4	7	146.0		0.17
N578236		9.87	0.251	0.56	3.8	71	1.4	19.6	12	158.5		0.56
N578237		10.05	0.291	0.55	4.3	79	0.5	21.9	12	173.0		0.05
N578251		8.99	0.270	0.42	2.6	81	5.4	17.0	8	125.0		0.21
N578252		8.66	0.303	0.40	2.4	96	1.4	16.2	8	122.5		0.25
N578253		9.77	0.300	0.39	2.6	93	1.8	18.4	6	136.5		0.22
N578254		9.42	0.289	0.42	2.8	87	0.8	16.6	6	128.5		0.26
N578255		11.00	0.268	0.37	3.3	85	0.8	20.8	7	122.5		0.26
N578256		8.95	0.267	0.37	3.1	88	0.3	16.7	8	121.0		0.27
N578257		9.23	0.295	0.32	3.4	96	0.2	21.1	17	130.5		0.34
N578258		8.12	0.252	0.24	2.2	81	1.3	13.2	5	155.5		0.22
N578259		9.78	0.207	0.15	2.8	76	1.6	14.1	10	160.0		0.26
N578260		9.78	0.126	0.10	2.5	70	1.1	13.5	4	104.5		0.55
N578261		8.28	0.160	0.08	2.5	78	0.9	8.8	4	149.0		0.25
N578262		0.35	<0.005	<0.02	0.1	10	0.1	3.3	2	2.8		1.29

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CERTIFICATE OF ANALYSIS SD19244406

Sample Description	Method	WEI-21	CRU-QC	PUL-QC	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Pass2mm	Pass75um	Au	Pt	Pd	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce
	Units	kg	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.02	0.01	0.01	0.001	0.005	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01
N578263		1.19			0.002	<0.005	0.033	0.04	0.15	1150	<10	<0.05	1.45	0.29	<0.02	0.91
N578264		1.31			<0.001	<0.005	0.001	0.01	5.01	24.2	10	1.03	0.06	3.05	<0.02	21.4
N578265		1.80			<0.001	<0.005	<0.001	<0.01	0.02	75.6	<10	<0.05	0.04	4.58	<0.02	3.53
N578266		2.19			0.009	<0.005	0.056	0.14	0.27	1885	10	0.06	1.93	6.05	0.02	11.10
N578267		2.41			0.002	<0.005	0.015	0.08	0.37	424	30	0.10	0.85	1.82	0.02	6.52
N578268		2.20			<0.001	<0.005	0.001	0.04	2.38	17.0	20	0.54	0.04	2.83	<0.02	17.40
N578269		1.19			<0.001	<0.005	0.016	0.10	0.58	131.0	<10	0.16	2.60	10.45	<0.02	30.8
N578270		0.59			<0.001	<0.005	0.002	0.03	7.44	21.4	20	1.64	0.16	2.29	<0.02	92.9
N578271		1.41			0.001	<0.005	0.016	0.04	1.27	111.5	<10	0.27	0.85	6.08	<0.02	16.80
N578272		1.56			<0.001	<0.005	0.001	0.01	7.41	0.8	30	2.03	0.04	1.89	<0.02	51.5
N578273		1.77			<0.001	<0.005	0.001	0.01	7.66	<0.2	30	1.99	0.06	2.27	0.02	63.9
N578274		0.66			<0.001	<0.005	0.001	0.01	0.18	38.1	<10	0.07	0.08	0.83	<0.02	8.41
N578275		1.85			<0.001	<0.005	0.001	0.02	7.66	3.1	20	1.91	0.03	2.76	<0.02	80.9
N578276		1.31			<0.001	<0.005	0.001	<0.01	8.03	0.5	20	2.09	0.06	1.51	<0.02	91.9
N578277		1.60			<0.001	<0.005	0.002	0.01	3.40	12.3	10	0.89	0.02	6.83	<0.02	48.8
N578278		1.46			<0.001	<0.005	0.006	0.02	7.77	59.9	10	1.61	0.04	0.79	<0.02	80.7
N578279		1.55			<0.001	<0.005	0.002	0.02	7.76	25.7	10	1.68	0.03	1.32	<0.02	110.0
N578280		2.09			<0.001	<0.005	0.002	0.02	8.01	20.2	10	1.70	0.03	2.33	<0.02	74.5
N578281		0.97			<0.001	<0.005	0.001	0.03	6.62	5.6	10	1.53	0.03	2.16	<0.02	59.5
N578282		0.86			0.003	<0.005	0.018	0.14	1.57	14.4	<10	0.41	1.03	7.62	0.06	29.4
N578283		0.61			0.002	<0.005	0.010	0.03	2.09	8.3	<10	0.39	0.22	8.57	<0.02	34.7
N578284		0.48			<0.001	<0.005	<0.001	<0.01	1.01	3.7	<10	0.19	0.01	1.44	0.03	2.95
N578285		0.13			0.148	0.388	0.207	9.63	7.15	116.5	380	1.16	1.53	5.62	8.23	37.7
N578286		2.53			0.001	<0.005	0.004	0.03	5.45	2.2	10	0.98	0.06	5.46	<0.02	49.0
N578287		2.85			0.001	<0.005	0.006	0.03	5.08	37.9	<10	0.85	0.10	5.08	<0.02	40.7
N578288		1.40			<0.001	<0.005	0.001	0.01	3.21	4.7	220	0.53	0.03	4.69	<0.02	31.8
N578289		2.67			<0.001	<0.005	0.002	0.01	6.36	18.4	20	1.11	0.12	4.09	<0.02	39.8
N578290		0.87			0.007	<0.005	0.037	0.07	0.52	1050	<10	0.12	1.16	2.95	0.03	16.60
N578291		1.99			0.005	<0.005	0.014	0.02	6.74	774	10	0.97	0.42	3.33	1.05	57.2
N578292		1.15			0.001	<0.005	0.001	0.01	7.27	46.7	10	1.26	0.09	2.25	0.04	54.0
N578293		1.23			<0.001	<0.005	0.001	<0.01	7.29	22.6	10	1.43	0.11	1.94	0.05	39.7
N578294		1.35			0.006	0.006	0.014	0.06	3.74	791	10	0.64	0.84	6.05	11.95	37.0
N578295		0.74			<0.001	<0.005	<0.001	0.01	0.17	0.9	20	0.08	0.02	0.02	<0.02	4.02
N578296		2.43			0.001	<0.005	0.003	0.01	6.83	23.1	20	0.98	0.11	5.17	0.02	31.3
N578297		1.54			0.001	<0.005	<0.001	<0.01	7.32	6.4	70	1.40	0.05	3.00	<0.02	34.7
N578298		2.39			<0.001	<0.005	0.001	0.01	7.37	4.0	50	1.15	0.05	3.57	<0.02	29.3
N578299		2.63			<0.001	<0.005	0.001	0.01	7.38	7.3	30	1.14	0.69	4.55	<0.02	32.9
N578300		1.77			<0.001	<0.005	0.002	0.01	1.01	8.9	10	0.11	0.02	18.85	<0.02	14.00
N578301		1.99			<0.001	<0.005	0.010	0.01	1.15	12.4	10	0.18	0.03	18.40	0.02	16.70
N578302		1.76	72.9	87.1	0.001	0.009	0.015	0.03	7.30	26.7	20	0.81	0.03	5.64	<0.02	22.1

***** See Appendix Page for comments regarding this certificate *****

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To: **RUMBLE RESOURCES LTD**
SUITE 5, 26 RAILWAY ROAD
PO BOX 1905
SUBIACO WA 6005
AUSTRALIA

Finalized Date: 25-OCT-2019
Account: RRLBMAFB

CERTIFICATE OF ANALYSIS SD19244406

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOD	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05
N578263		639	51	0.06	637	5.56	0.39	<0.05	0.1	<0.005	0.01	<0.5	0.2	0.08	49	3.11
N578264		14.5	61	0.55	40.6	1.44	12.20	<0.05	2.9	<0.005	0.20	9.4	4.7	2.39	248	1.64
N578265		39.9	66	0.05	156.5	1.16	0.12	<0.05	<0.1	<0.005	0.01	1.2	0.3	2.19	377	3.17
N578266		1100	44	<0.05	862	9.10	0.80	0.12	0.1	0.011	0.01	3.5	0.8	2.84	450	0.57
N578267		308	68	0.44	234	4.56	1.09	0.08	0.3	<0.005	0.17	2.9	2.6	0.84	172	3.75
N578268		9.0	84	0.56	96.8	1.68	5.71	0.10	1.2	<0.005	0.20	7.5	5.0	2.33	230	4.00
N578269		255	59	0.05	1095	16.10	1.82	0.14	0.4	0.009	0.01	11.3	2.1	5.48	661	1.27
N578270		25.8	71	1.31	84.5	2.82	18.25	0.17	4.5	0.008	0.43	44.5	9.0	4.28	196	1.37
N578271		157.5	71	0.15	583	6.84	3.17	0.08	0.9	0.006	0.06	6.4	1.6	3.26	388	2.27
N578272		14.5	90	1.92	112.0	2.71	17.35	0.14	4.3	0.008	1.07	25.1	7.9	3.69	183	1.90
N578273		16.5	91	2.48	31.7	3.01	19.50	0.18	3.4	0.010	1.23	32.0	8.3	4.10	168	2.73
N578274		48.7	45	0.05	111.5	0.82	0.57	0.09	0.1	<0.005	0.01	3.9	0.8	0.40	71	2.43
N578275		21.1	72	1.02	39.4	1.69	19.35	0.19	3.7	<0.005	0.66	41.1	7.4	3.47	126	3.05
N578276		18.8	78	0.92	41.4	1.72	20.3	0.22	4.3	<0.005	0.63	47.5	10.9	3.85	83	2.73
N578277		19.4	75	0.26	198.0	2.30	8.95	0.15	2.1	<0.005	0.13	21.8	4.5	4.42	369	1.47
N578278		72.6	61	0.33	73.2	2.12	19.30	0.22	5.2	<0.005	0.24	38.2	12.4	2.60	48	2.41
N578279		44.6	63	0.35	59.3	1.37	20.9	0.21	5.0	<0.005	0.27	50.9	11.5	2.76	59	3.01
N578280		38.6	65	0.24	56.4	1.55	20.8	0.19	5.5	<0.005	0.21	35.6	9.3	2.79	105	1.97
N578281		24.9	67	0.31	113.0	1.84	16.65	0.23	3.9	<0.005	0.23	24.6	10.4	3.08	103	2.83
N578282		541	59	0.12	676	20.9	4.47	0.21	0.9	0.008	0.05	13.7	4.2	3.87	412	1.32
N578283		101.5	75	0.12	828	6.29	5.56	0.12	1.4	0.005	0.06	15.5	2.1	4.52	455	1.19
N578284		5.6	63	0.05	72.0	0.82	2.38	<0.05	0.7	<0.005	0.02	1.2	1.2	0.77	103	3.38
N578285		322	1440	3.85	9300	11.65	15.45	0.17	1.5	0.126	1.21	18.2	11.9	3.59	1170	1.81
N578286		70.5	66	0.24	234	3.20	13.55	0.12	3.2	<0.005	0.16	24.3	3.5	3.27	270	1.44
N578287		109.0	58	0.15	516	4.22	11.90	0.09	3.1	0.007	0.12	19.1	4.4	3.15	250	1.92
N578288		6.9	73	0.31	128.0	1.42	7.81	0.10	2.2	<0.005	0.18	16.1	4.7	2.43	227	3.39
N578289		33.0	67	0.29	105.5	2.47	15.50	0.12	3.8	<0.005	0.26	18.8	5.9	3.33	186	2.61
N578290		645	51	<0.05	441	7.96	1.60	0.11	0.4	0.007	0.01	7.0	1.0	1.34	242	2.37
N578291		366	63	0.22	210	2.64	16.00	0.13	4.8	<0.005	0.17	25.6	5.9	2.82	191	2.44
N578292		40.4	59	0.21	81.6	1.99	17.90	0.13	5.1	<0.005	0.19	26.6	8.2	2.73	144	1.62
N578293		19.6	60	0.33	95.1	2.18	17.65	0.14	5.5	<0.005	0.24	18.1	8.7	2.59	156	0.99
N578294		318	51	0.10	454	5.05	9.00	0.08	1.5	0.017	0.13	17.2	4.3	3.13	410	1.31
N578295		0.7	21	0.15	3.5	0.30	0.43	0.06	0.8	<0.005	0.04	2.1	6.2	0.02	33	1.42
N578296		13.7	51	0.15	34.9	3.11	17.40	0.12	2.5	0.011	0.44	14.2	3.9	3.14	460	1.28
N578297		17.0	40	1.29	13.0	4.38	20.2	0.12	3.5	0.041	0.69	15.4	5.9	2.09	282	1.31
N578298		17.2	34	0.96	23.4	3.86	19.60	0.15	2.8	0.035	0.49	14.0	4.4	2.09	301	0.96
N578299		12.1	61	0.81	30.2	2.91	18.45	0.16	2.7	0.018	0.41	16.2	4.1	2.84	404	0.88
N578300		6.8	36	0.05	10.7	3.44	2.54	0.06	0.5	0.006	0.03	4.6	1.0	10.10	861	0.08
N578301		10.1	31	0.08	41.9	3.60	2.61	0.05	0.3	0.005	0.05	6.8	1.2	10.10	906	0.11
N578302		10.9	46	0.40	5.8	2.01	16.15	0.12	2.0	0.010	0.33	8.8	3.6	3.54	391	0.69

***** See Appendix Page for comments regarding this certificate *****

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To: **RUMBLE RESOURCES LTD**
SUITE 5, 26 RAILWAY ROAD
PO BOX 1905
SUBIACO WA 6005
AUSTRALIA

Finalized Date: 25-OCT-2019
Account: RRLBMAFB

CERTIFICATE OF ANALYSIS SD19244406

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05
N578263		0.14	0.1	739	10	0.8	0.3	<0.002	2.75	0.23	0.3	7	<0.2	2.4	<0.05	1.10
N578264		3.51	4.4	27.3	300	0.9	6.9	<0.002	0.15	0.13	11.8	1	0.3	25.9	0.35	<0.05
N578265		0.03	<0.1	16.3	10	<0.5	0.2	<0.002	0.06	0.11	21.3	<1	0.2	13.4	<0.05	<0.05
N578266		0.18	0.1	1095	240	5.7	0.2	<0.002	4.50	0.32	31.6	9	<0.2	16.7	<0.05	1.33
N578267		0.07	0.6	550	90	5.6	6.1	0.002	3.17	0.22	8.7	5	0.4	7.1	0.05	0.56
N578268		1.29	1.3	22.1	150	1.2	7.6	0.002	0.10	0.14	17.6	<1	0.4	14.1	0.12	<0.05
N578269		0.33	0.2	1615	920	3.1	0.4	0.003	7.01	0.17	47.1	14	<0.2	26.2	<0.05	1.87
N578270		4.28	3.8	80.8	620	1.8	17.9	0.002	0.28	0.09	18.0	1	0.3	23.7	0.36	0.13
N578271		0.86	0.6	627	300	2.7	2.0	0.002	2.86	0.15	30.7	5	<0.2	16.7	0.05	0.73
N578272		4.16	4.7	37.5	500	0.9	55.2	<0.002	0.19	0.06	12.1	<1	1.1	22.3	0.49	<0.05
N578273		4.31	4.7	61.4	470	1.6	66.8	<0.002	0.28	0.10	15.2	1	1.3	22.5	0.46	0.09
N578274		0.14	0.1	52.1	20	1.5	0.4	<0.002	0.44	0.15	3.7	2	<0.2	2.9	<0.05	0.11
N578275		5.51	3.9	47.7	470	2.6	32.7	0.004	0.38	0.12	13.6	1	0.6	21.0	0.36	<0.05
N578276		5.84	5.0	50.0	530	2.5	31.0	0.003	0.33	0.09	14.4	1	0.9	19.7	0.49	0.06
N578277		2.47	1.8	59.5	220	1.7	4.9	<0.002	0.41	0.09	35.9	1	0.2	24.3	0.17	<0.05
N578278		5.92	4.9	140.0	470	3.9	7.5	<0.002	1.30	0.21	10.9	2	0.3	19.6	0.43	0.13
N578279		5.97	5.5	71.3	420	3.3	9.2	0.002	0.53	0.15	12.8	1	0.4	19.4	0.50	0.05
N578280		6.17	7.1	46.9	440	2.0	5.5	0.002	0.41	0.14	11.5	1	0.5	22.4	0.64	0.07
N578281		4.89	4.5	51.4	1570	2.0	7.1	0.002	0.43	0.11	14.2	1	0.3	26.4	0.40	0.09
N578282		1.03	1.0	3620	220	33.0	1.7	0.003	>10.0	0.25	35.3	32	0.2	28.2	0.09	3.73
N578283		1.54	1.2	697	190	13.8	2.0	0.002	3.35	0.12	43.7	7	0.3	25.4	0.12	0.84
N578284		0.75	0.9	24.3	100	0.7	0.8	<0.002	0.14	0.08	5.8	1	<0.2	6.5	0.07	<0.05
N578285		1.42	5.9	>10000	1310	2600	73.8	0.005	5.24	19.30	23.2	4	2.1	454	0.39	0.67
N578286		4.21	5.0	115.0	640	5.2	5.7	0.002	1.71	0.37	19.6	3	1.1	23.7	0.39	0.22
N578287		3.72	2.7	401	450	7.5	2.8	0.004	2.55	0.14	16.3	3	0.3	22.8	0.25	0.40
N578288		2.30	2.3	39.8	190	1.1	4.0	<0.002	0.06	0.08	14.6	<1	0.3	19.2	0.21	<0.05
N578289		4.74	3.5	193.0	430	2.4	5.8	0.004	0.94	0.16	14.5	1	0.3	24.7	0.32	0.13
N578290		0.37	0.3	1535	40	16.1	0.1	0.002	8.32	0.32	11.4	11	0.5	10.8	<0.05	1.36
N578291		5.04	4.5	381	450	4.0	3.9	0.002	1.47	0.28	14.4	3	0.5	29.6	0.40	0.40
N578292		5.58	5.1	117.5	470	1.8	3.3	0.003	0.56	0.13	10.2	1	0.4	26.4	0.48	0.06
N578293		5.32	4.7	86.4	470	1.1	4.7	0.003	0.26	0.07	11.7	<1	0.4	32.4	0.45	0.08
N578294		2.69	1.6	675	370	8.9	1.6	0.002	2.47	0.32	19.9	5	1.2	31.4	0.15	0.66
N578295		0.04	0.6	5.5	10	1.5	1.8	<0.002	0.01	0.19	0.3	<1	0.2	2.5	0.07	<0.05
N578296		4.56	3.8	40.2	820	0.7	5.6	<0.002	0.08	0.10	25.8	1	0.9	50.8	0.29	0.06
N578297		4.70	7.4	22.1	730	0.8	21.7	<0.002	0.09	0.07	24.1	1	1.2	68.3	0.62	<0.05
N578298		4.95	6.5	36.5	800	1.1	12.0	<0.002	0.21	0.13	23.9	1	1.0	61.6	0.50	<0.05
N578299		5.05	5.4	36.6	440	0.8	13.9	0.002	0.21	0.15	29.2	1	0.9	47.0	0.42	0.43
N578300		0.82	0.2	37.7	190	0.7	0.5	<0.002	0.08	0.10	41.8	<1	<0.2	48.7	<0.05	<0.05
N578301		0.83	0.4	57.0	160	0.6	1.4	<0.002	0.11	0.06	34.6	1	<0.2	49.2	<0.05	0.05
N578302		5.33	1.7	29.6	640	0.7	8.3	<0.002	0.03	0.13	26.1	<1	0.4	44.8	0.12	0.08

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To: **RUMBLE RESOURCES LTD**
SUITE 5, 26 RAILWAY ROAD
PO BOX 1905
SUBIACO WA 6005
AUSTRALIA

Finalized Date: 25-OCT-2019
Account: RRLBMAFB

CERTIFICATE OF ANALYSIS SD19244406

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ni-OG62	S-IR08
	Analyte	Th	Ti	Tl	U	V	W	Y	Zn	Zr	Ni	S
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOD	0.01	0.005	0.02	0.1	1	0.1	0.1	2	0.5	0.001	0.01
N578263		0.20	<0.005	0.02	0.1	1	0.2	0.4	<2	2.9		4.08
N578264		9.13	0.104	0.02	2.6	46	2.0	8.1	2	113.0		0.13
N578265		0.16	<0.005	<0.02	<0.1	13	0.1	7.7	<2	<0.5		0.06
N578266		0.34	<0.005	0.20	0.1	28	0.2	9.6	3	4.5		11.25
N578267		0.78	0.014	0.31	0.2	8	0.3	3.6	2	9.3		3.59
N578268		4.14	0.037	0.03	1.3	35	0.6	5.9	3	46.7		0.09
N578269		1.70	0.006	0.06	0.4	29	0.4	10.7	<2	12.2		9.91
N578270		15.30	0.097	0.06	4.5	93	1.3	13.3	7	165.5		0.27
N578271		2.39	0.013	0.04	0.8	29	0.4	7.2	2	32.7		3.72
N578272		11.25	0.190	0.08	4.6	79	0.6	13.0	8	157.5		0.19
N578273		12.25	0.204	0.09	4.4	97	0.4	12.5	17	121.0		0.27
N578274		0.76	<0.005	0.03	0.1	4	0.1	1.4	2	3.2		0.42
N578275		13.25	0.124	0.06	3.8	94	2.0	10.3	4	135.5		0.37
N578276		15.25	0.155	0.05	4.4	90	1.2	12.1	4	156.0		0.30
N578277		6.29	0.044	0.02	1.8	56	1.3	15.0	2	78.1		0.34
N578278		15.45	0.099	0.21	4.4	58	2.2	11.7	<2	186.5		1.26
N578279		15.80	0.117	0.07	3.9	72	2.6	11.3	2	181.5		0.48
N578280		15.80	0.139	0.04	4.7	64	3.6	12.1	<2	204		0.31
N578281		12.85	0.092	0.04	4.4	59	1.6	17.1	2	146.0		0.37
N578282		3.68	0.020	4.17	1.0	34	0.8	10.4	<2	34.3		19.90
N578283		4.25	0.026	1.26	1.1	44	1.0	10.4	<2	51.9		3.75
N578284		2.32	0.019	0.03	0.6	15	0.5	3.0	4	27.6		0.12
N578285		6.59	0.517	0.51	1.5	220	1.8	16.8	2300	56.1	2.03	5.33
N578286		8.42	0.237	0.06	2.6	96	6.7	11.7	3	118.0		1.63
N578287		9.69	0.075	0.17	2.5	48	3.0	9.4	<2	114.0		2.34
N578288		6.10	0.048	0.02	1.8	33	1.6	8.0	<2	77.9		0.05
N578289		11.20	0.082	0.11	3.6	59	2.3	9.6	<2	146.0		0.82
N578290		1.03	0.008	1.01	0.2	12	0.4	3.4	<2	11.8		8.56
N578291		14.00	0.112	0.09	2.8	55	3.0	12.8	177	174.0		1.36
N578292		14.95	0.108	0.06	3.9	56	3.0	10.4	8	180.5		0.53
N578293		15.00	0.100	0.03	3.0	52	1.9	12.1	8	197.5		0.22
N578294		5.42	0.093	0.08	1.1	56	2.3	8.2	1660	60.2		2.77
N578295		1.34	0.011	<0.02	0.4	1	0.1	1.5	4	21.7		<0.01
N578296		4.03	0.380	0.02	1.3	156	4.1	9.9	5	95.7		0.08
N578297		5.54	0.795	0.08	1.9	210	0.9	15.3	7	124.0		0.10
N578298		6.96	0.757	0.04	1.6	211	2.1	11.5	6	98.6		0.20
N578299		4.54	0.648	0.04	1.5	225	4.2	9.7	3	101.5		0.21
N578300		0.23	0.014	<0.02	0.2	32	0.3	15.6	2	18.5		0.06
N578301		0.57	0.030	<0.02	0.2	40	0.8	10.5	4	11.2		0.11
N578302		2.29	0.170	0.02	0.9	135	3.7	7.6	3	70.8		0.03

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SUITE 5, 26 RAILWAY ROAD
PO BOX 1905
SUBIACO WA 6005
AUSTRALIA

Finalized Date: 25-OCT-2019
Account: RRLBMAFB

CERTIFICATE OF ANALYSIS SD19244406

Sample Description	Method	WEI-21	CRU-QC	PUL-QC	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Pass2mm	Pass75um	Au	Pt	Pd	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce
	Units	kg	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.02	0.01	0.01	0.001	0.005	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01
N578303		2.40		97.3	<0.001	<0.005	0.002	0.01	0.65	38.2	10	0.09	0.02	20.3	<0.02	8.97
N578304		2.74		98.3	<0.001	<0.005	0.002	0.01	2.32	12.3	10	0.19	0.02	16.65	<0.02	32.1
N578305		0.13			0.074	0.857	0.441	0.11	8.71	1.3	390	1.07	0.09	6.56	0.05	37.9
N578306		2.62			0.001	0.010	0.010	0.02	6.86	14.6	20	0.82	0.06	4.16	<0.02	23.8
N578307		2.11			0.009	0.026	0.182	0.01	6.96	14.8	20	0.63	0.11	6.20	<0.02	281
N578308		1.88			0.003	0.013	0.026	0.01	6.71	6.4	30	0.72	0.08	5.33	<0.02	29.7
N578309		2.19			0.003	0.023	0.030	0.01	6.59	11.7	20	0.80	0.08	5.28	<0.02	74.4
N578310		1.97			0.001	0.029	0.032	0.01	6.92	13.4	20	0.56	0.04	6.99	0.02	132.0
N578311		2.47			<0.001	0.012	0.007	<0.01	7.20	10.3	30	0.83	0.05	5.21	<0.02	27.9
N578312		2.39			0.002	0.011	0.003	<0.01	7.98	4.9	60	0.89	0.04	5.21	0.02	33.7
N578313		2.43			0.008	0.015	0.003	0.01	7.64	12.1	60	1.28	0.06	5.57	0.02	28.0
N578314		1.75			0.001	0.009	0.003	0.01	7.60	6.6	40	0.91	0.14	5.55	<0.02	34.8
N578315		1.68			0.005	0.029	0.027	<0.01	6.09	11.0	50	0.79	0.13	6.59	<0.02	24.1
N578316		1.85			0.002	0.008	0.005	0.01	7.42	24.3	50	1.10	0.05	4.74	<0.02	52.2
N578317		1.33			0.014	<0.005	0.033	0.05	4.05	554	10	0.51	1.61	7.23	<0.02	41.3
N578318		1.05			0.002	<0.005	0.018	0.02	3.84	216	10	0.45	0.42	5.71	<0.02	36.9
N578319		1.14			0.002	<0.005	0.020	0.02	3.54	185.0	<10	0.43	0.44	8.42	<0.02	34.7
N578320		1.47			0.002	0.009	0.011	<0.01	7.37	32.3	40	0.96	0.02	4.33	<0.02	30.5
N578321		1.93			0.001	0.008	0.011	0.02	5.67	45.3	20	0.87	0.12	6.68	<0.02	28.8
N578322		1.36			0.002	<0.005	0.016	0.02	2.39	218	10	0.40	0.24	8.61	<0.02	18.20
N578323		1.29			0.002	<0.005	0.008	0.01	5.86	64.3	20	0.74	0.06	7.36	<0.02	18.95
N578324		1.88			0.001	<0.005	0.006	0.01	1.84	221	10	0.24	0.10	5.66	<0.02	12.35
N578325		0.73			<0.001	<0.005	0.001	0.01	0.17	0.9	20	0.08	0.02	0.05	<0.02	4.70
N578326		1.85			0.005	0.008	0.009	0.01	6.67	109.5	60	0.99	0.13	8.24	0.02	24.5
N578327		0.13			0.152	0.396	0.213	10.35	7.17	118.5	110	1.29	1.59	5.71	8.79	41.0
N578328		2.32			0.002	0.013	0.013	0.01	6.95	47.6	30	0.77	0.12	6.79	<0.02	26.3
N578329		1.07			0.003	0.010	0.010	<0.01	7.17	15.3	80	0.94	0.02	6.35	0.02	26.1
N578330		1.52			0.006	0.013	0.011	<0.01	7.15	23.2	120	0.93	0.04	6.24	<0.02	26.7
N578331		1.71			0.006	0.019	0.017	0.01	7.24	8.6	110	0.71	0.03	6.06	<0.02	33.1
N578332		2.74			0.004	0.018	0.016	0.02	7.56	7.5	130	0.87	0.02	6.33	0.02	29.9
N578333		2.42			0.004	0.029	0.029	0.01	7.35	15.9	60	1.08	0.04	6.33	<0.02	20.0
N578334		2.25			0.004	0.014	0.019	<0.01	7.31	8.9	120	0.80	0.03	6.31	0.02	26.3
N578335		2.70			0.002	0.008	0.011	0.02	7.62	9.5	110	0.73	0.02	6.68	0.03	22.1
N578336		2.30			0.005	0.017	0.018	0.02	6.96	3.9	90	0.86	0.04	6.21	0.02	33.6
N578337		2.75			0.003	0.010	0.009	0.02	7.30	9.8	110	0.65	0.03	6.42	0.03	29.0
N578338		2.40			<0.001	0.012	0.010	0.01	7.57	2.5	60	1.17	0.03	6.53	0.03	16.60
N578339		2.80			0.003	0.011	0.008	0.02	7.55	6.1	70	0.85	0.03	7.35	0.02	17.20
N578340		3.54			0.005	0.011	0.015	0.02	7.59	13.9	100	0.61	0.04	6.94	0.02	17.60
N578341		3.56		93.8	0.005	0.010	0.012	0.02	7.14	24.0	90	0.82	0.04	6.60	0.02	20.2
N578342		3.58	70.3	91.8	0.002	0.005	0.008	0.01	7.39	13.1	70	0.92	0.03	6.77	0.02	22.3

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To: **RUMBLE RESOURCES LTD**
SUITE 5, 26 RAILWAY ROAD
PO BOX 1905
SUBIACO WA 6005
AUSTRALIA

Finalized Date: 25-OCT-2019
Account: RRLBMAFB

CERTIFICATE OF ANALYSIS SD19244406

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOD	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05
N578303		9.4	44	0.07	5.4	3.66	1.68	0.06	0.2	0.009	0.03	2.9	1.2	11.00	964	0.12
N578304		6.8	46	0.06	6.9	3.14	5.62	0.07	0.6	0.006	0.04	12.0	1.0	8.87	860	0.16
N578305		52.7	2610	3.48	273	6.70	17.70	0.12	1.5	0.041	1.15	18.5	11.1	4.96	1150	1.27
N578306		25.1	276	1.25	63.1	3.35	14.05	0.08	2.2	0.026	0.52	10.6	4.5	4.33	243	0.98
N578307		30.8	183	0.56	104.0	3.16	15.25	0.29	1.7	0.013	0.32	123.0	1.9	3.68	493	2.04
N578308		31.1	154	1.16	62.0	4.13	12.50	0.09	1.4	0.022	0.59	13.8	3.2	4.19	362	0.42
N578309		29.6	207	0.98	93.5	4.00	13.90	0.13	2.1	0.038	0.43	34.5	3.1	4.31	327	0.86
N578310		16.4	218	0.70	29.6	2.42	15.15	0.14	2.3	0.010	0.35	59.5	2.1	3.78	483	4.81
N578311		32.1	167	1.11	53.2	4.48	14.75	0.10	1.9	0.039	0.59	13.2	4.5	4.27	288	0.65
N578312		26.2	61	1.23	29.0	4.83	16.70	0.10	2.3	0.039	0.71	16.9	5.6	3.47	331	0.78
N578313		29.0	109	1.04	21.5	5.27	17.40	0.10	2.1	0.041	0.60	13.2	5.7	3.83	341	0.49
N578314		59.6	53	1.48	68.9	4.89	15.00	0.12	1.9	0.024	0.73	16.1	5.3	3.28	298	0.38
N578315		34.0	204	1.67	70.5	5.38	13.90	0.09	1.5	0.050	0.87	11.2	4.6	5.23	379	0.56
N578316		26.6	149	1.33	39.7	4.32	15.90	0.12	1.4	0.024	0.91	24.1	10.8	4.77	504	0.50
N578317		372	68	0.08	1500	13.40	8.32	0.16	1.2	0.009	0.10	17.3	3.3	4.09	546	0.70
N578318		171.0	62	0.06	307	5.35	9.29	0.10	1.4	0.007	0.08	16.0	1.7	2.84	448	1.18
N578319		153.5	69	0.05	400	6.02	9.19	0.08	1.4	0.009	0.07	15.0	1.3	4.31	610	3.14
N578320		26.1	54	1.21	17.9	4.88	16.05	0.11	1.7	0.032	0.88	15.3	8.9	5.39	802	0.70
N578321		56.4	62	0.75	180.5	5.26	12.15	0.10	1.4	0.017	0.49	12.4	3.5	4.27	711	0.61
N578322		162.5	69	0.12	276	6.54	4.84	0.09	0.5	0.008	0.12	7.1	2.1	4.55	595	0.84
N578323		46.7	115	0.64	53.2	4.15	10.75	0.08	1.0	0.016	0.42	8.2	4.4	4.96	493	0.63
N578324		98.5	69	0.14	81.3	2.17	4.08	0.05	0.4	0.006	0.08	5.6	1.5	2.82	414	2.91
N578325		0.5	26	0.16	2.1	0.39	0.44	<0.05	0.8	<0.005	0.04	2.5	6.0	0.02	42	1.46
N578326		40.6	39	0.81	56.9	4.24	15.65	0.09	2.2	0.025	0.49	10.7	7.9	4.15	554	0.56
N578327		329	1490	4.06	9430	11.85	15.90	0.20	1.5	0.132	1.24	20.0	12.6	3.64	1210	1.81
N578328		36.4	26	0.38	30.1	4.26	16.20	0.09	2.4	0.020	0.24	12.2	5.6	3.62	559	0.63
N578329		27.7	20	0.73	85.9	5.97	16.60	0.08	2.7	0.042	0.45	11.5	5.6	3.14	582	0.71
N578330		50.4	21	1.59	100.5	8.07	17.65	0.10	2.1	0.070	0.68	12.1	6.8	3.05	769	0.75
N578331		44.7	15	1.06	100.0	7.90	18.30	0.11	2.8	0.074	0.63	15.0	5.7	2.98	724	0.78
N578332		47.4	17	1.41	103.0	8.57	19.25	0.10	2.6	0.086	0.72	14.6	6.0	3.22	684	0.70
N578333		38.6	24	0.70	81.7	6.09	16.70	0.09	1.7	0.037	0.33	9.0	4.9	3.49	677	0.43
N578334		43.5	13	1.26	128.5	8.05	17.70	0.08	2.4	0.066	0.64	12.4	5.3	3.12	770	0.88
N578335		50.7	10	0.90	94.7	8.52	18.55	0.09	2.0	0.060	0.56	10.3	5.2	3.37	803	0.60
N578336		51.5	11	0.55	277	8.14	19.10	0.11	3.1	0.080	0.46	16.5	5.0	2.78	819	0.93
N578337		51.7	11	0.87	138.0	8.36	18.05	0.09	2.6	0.073	0.54	13.8	5.0	3.22	866	1.37
N578338		27.6	13	0.48	26.7	5.31	16.45	0.22	1.9	0.029	0.32	7.1	6.5	3.56	681	0.70
N578339		35.0	19	0.73	93.1	6.35	16.25	0.18	1.5	0.041	0.36	7.7	7.0	3.91	786	0.56
N578340		46.5	20	1.09	107.0	7.50	16.00	0.16	1.4	0.062	0.53	7.7	5.5	3.85	807	0.46
N578341		37.5	16	1.06	75.6	5.55	16.05	0.16	1.9	0.047	0.53	9.0	6.3	3.24	690	0.53
N578342		33.9	18	0.82	39.2	5.40	16.80	0.16	1.9	0.033	0.48	10.1	5.1	3.56	646	0.62

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CERTIFICATE OF ANALYSIS SD19244406

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05
N578303		0.51	0.1	33.2	60	0.6	0.7	<0.002	0.02	0.15	48.2	1	<0.2	50.5	<0.05	<0.05
N578304		1.88	0.4	29.4	410	0.6	0.7	<0.002	0.06	0.83	39.8	<1	<0.2	48.7	<0.05	<0.05
N578305		1.58	5.4	610	1280	8.3	56.2	0.003	0.12	0.21	24.4	1	1.6	501	0.35	0.19
N578306		4.83	1.1	244	270	0.7	22.2	0.004	0.44	0.17	30.2	1	0.7	42.7	0.13	0.17
N578307		5.29	0.8	281	420	1.0	11.8	0.011	0.65	0.12	16.2	2	0.4	38.3	0.09	0.65
N578308		4.53	1.8	304	260	0.6	24.9	0.004	0.59	0.14	27.2	2	0.6	35.8	0.18	0.14
N578309		4.60	3.4	255	350	0.6	18.3	0.006	0.41	0.18	29.3	1	0.8	43.2	0.32	0.24
N578310		5.25	1.1	68.9	910	0.7	14.2	0.005	0.17	0.09	17.8	1	0.4	38.2	0.09	0.21
N578311		4.43	3.6	173.0	320	0.7	26.9	0.002	0.31	0.20	38.2	1	1.0	53.5	0.31	0.08
N578312		4.52	4.5	91.0	420	0.6	30.9	0.002	0.15	0.17	36.1	1	0.8	69.4	0.36	0.05
N578313		4.13	4.3	78.5	350	0.5	23.7	<0.002	0.12	0.14	37.5	<1	1.1	73.0	0.35	0.06
N578314		4.44	3.0	206	210	1.1	34.0	0.004	0.89	0.18	33.9	2	0.6	64.3	0.27	0.17
N578315		3.59	2.6	258	240	0.5	40.4	0.008	0.56	0.17	37.8	2	0.9	47.5	0.24	0.17
N578316		4.06	1.1	112.5	210	0.6	35.4	0.002	0.31	0.10	31.9	1	0.4	47.8	0.12	0.08
N578317		2.81	0.8	1495	670	4.1	1.8	0.002	6.00	0.26	30.6	11	0.2	37.6	0.08	2.04
N578318		2.89	1.3	552	810	2.8	1.2	<0.002	2.47	0.20	24.6	4	0.3	29.4	0.12	0.54
N578319		2.69	1.6	533	770	1.8	0.9	<0.002	1.99	0.13	35.1	5	0.2	36.3	0.12	0.66
N578320		3.51	2.6	96.5	330	0.8	31.3	<0.002	0.23	0.08	35.1	<1	0.5	47.7	0.21	<0.05
N578321		3.76	1.4	329	310	2.0	17.1	<0.002	1.37	0.19	40.0	3	0.5	45.7	0.13	0.21
N578322		1.61	0.5	553	200	1.6	3.0	<0.002	2.27	0.20	39.8	5	<0.2	36.6	<0.05	0.44
N578323		3.69	0.8	198.5	310	0.5	16.0	<0.002	0.67	0.11	35.9	1	0.4	46.0	0.07	0.13
N578324		1.16	0.4	117.5	230	1.1	2.3	<0.002	0.38	0.16	22.8	1	0.2	31.6	<0.05	0.15
N578325		0.04	0.6	2.0	10	1.5	1.8	<0.002	0.01	0.19	0.4	1	<0.2	2.6	0.08	<0.05
N578326		3.80	2.1	216	420	2.5	18.5	<0.002	0.95	0.17	39.9	2	0.7	82.4	0.17	0.20
N578327		1.44	5.9	>10000	1360	2650	73.4	0.003	5.32	20.4	23.1	5	2.0	453	0.39	0.76
N578328		3.66	3.3	118.0	480	1.9	8.3	<0.002	0.40	0.16	34.1	1	0.4	69.9	0.28	0.16
N578329		3.66	4.8	70.4	430	1.2	19.4	<0.002	0.10	0.28	34.2	1	0.9	119.5	0.41	0.06
N578330		2.54	4.2	79.8	400	1.3	32.2	<0.002	0.11	0.36	35.6	1	1.2	150.5	0.34	<0.05
N578331		3.22	4.8	76.6	480	1.5	24.0	<0.002	0.13	0.41	34.5	<1	1.3	138.0	0.39	<0.05
N578332		3.29	4.8	78.6	430	1.4	33.6	0.002	0.07	0.58	38.0	1	1.5	158.5	0.36	<0.05
N578333		3.37	3.2	88.0	300	1.3	12.7	<0.002	0.14	0.30	38.8	1	0.8	133.5	0.26	0.05
N578334		2.85	4.8	69.7	450	2.1	27.3	<0.002	0.09	0.41	39.3	1	1.1	158.0	0.37	<0.05
N578335		2.78	3.6	75.2	350	1.7	20.6	<0.002	0.05	0.56	40.9	1	1.1	177.0	0.28	<0.05
N578336		3.19	5.7	88.9	570	2.3	14.1	<0.002	0.22	0.55	40.3	1	1.5	136.5	0.44	0.05
N578337		2.92	4.7	81.7	480	2.2	19.8	0.003	0.08	0.69	39.9	1	1.2	158.5	0.36	<0.05
N578338		3.44	3.7	61.6	400	2.8	12.5	<0.002	0.06	0.43	32.8	1	0.7	139.0	0.29	<0.05
N578339		2.55	2.8	63.1	270	1.5	14.0	<0.002	0.05	0.43	33.0	1	0.6	137.5	0.22	<0.05
N578340		2.50	2.7	96.8	240	1.7	23.1	<0.002	0.06	0.58	36.1	1	0.9	168.5	0.21	<0.05
N578341		3.48	3.5	77.2	330	1.8	24.1	<0.002	0.10	0.39	31.6	1	0.8	124.5	0.27	<0.05
N578342		3.42	3.6	87.4	370	2.2	17.4	<0.002	0.09	0.25	34.2	1	0.5	134.0	0.27	<0.05

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RUMBLE RESOURCES LTD**
SUITE 5, 26 RAILWAY ROAD
PO BOX 1905
SUBIACO WA 6005
AUSTRALIA

Finalized Date: 25-OCT-2019
Account: RRLBMAFB

CERTIFICATE OF ANALYSIS SD19244406

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ni-OG62	S-IR08
	Analyte	Th	Ti	Tl	U	V	W	Y	Zn	Zr	Ni	S
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOD	0.01	0.005	0.02	0.1	1	0.1	0.1	2	0.5	0.001	0.01
N578303		0.11	0.007	<0.02	0.1	37	0.2	11.6	3	6.1		0.02
N578304		2.14	0.026	<0.02	0.2	38	1.0	11.3	2	19.6		0.05
N578305		5.37	0.505	0.16	1.2	228	1.1	16.2	87	54.3		0.10
N578306		4.25	0.129	0.08	1.5	212	1.3	9.6	5	82.3		0.42
N578307		14.95	0.077	0.03	1.7	127	1.5	11.2	2	70.0		0.67
N578308		2.85	0.266	0.06	0.9	185	1.1	6.9	4	52.4		0.62
N578309		4.00	0.410	0.04	1.5	199	1.6	9.8	5	73.3		0.40
N578310		4.47	0.113	0.04	1.4	108	1.6	8.4	3	87.8		0.16
N578311		3.36	0.533	0.07	1.4	264	1.6	15.6	5	69.7		0.31
N578312		3.91	0.522	0.09	1.5	217	2.6	14.4	11	85.9		0.14
N578313		3.63	0.535	0.05	1.3	277	1.0	18.2	8	74.3		0.12
N578314		3.17	0.479	0.07	1.4	207	2.4	9.6	5	69.2		0.92
N578315		2.65	0.422	0.09	0.9	237	0.3	10.4	7	55.9		0.54
N578316		4.49	0.159	0.07	1.1	180	0.3	8.8	6	51.4		0.27
N578317		2.76	0.077	0.16	0.7	79	4.0	8.9	<2	45.5		8.09
N578318		2.21	0.117	0.04	0.6	76	3.2	7.1	<2	49.8		3.04
N578319		3.57	0.114	0.03	0.9	70	2.7	9.9	<2	51.4		2.79
N578320		2.32	0.369	0.06	0.8	206	0.7	9.8	6	62.2		0.19
N578321		2.05	0.206	0.06	0.7	148	1.4	9.4	3	52.6		1.58
N578322		1.17	0.057	0.02	0.3	68	0.6	8.1	2	20.7		2.94
N578323		1.41	0.127	0.04	0.6	149	1.1	8.5	4	40.2		0.74
N578324		0.87	0.048	<0.02	0.2	54	0.8	6.0	4	16.1		0.40
N578325		1.28	0.011	0.02	0.4	2	0.1	1.4	<2	21.4		0.01
N578326		2.71	0.290	0.17	1.0	182	1.4	12.2	6	81.7		0.86
N578327		7.00	0.527	0.48	1.4	222	1.6	17.2	2350	57.5	2.06	5.24
N578328		3.17	0.458	0.07	1.1	202	2.0	12.0	11	88.5		0.36
N578329		3.36	0.661	0.05	1.1	238	0.7	18.6	19	97.5		0.09
N578330		3.10	0.567	0.11	0.9	235	1.1	19.6	27	82.0		0.12
N578331		3.66	0.654	0.07	1.3	241	0.9	21.0	25	108.0		0.11
N578332		3.35	0.626	0.10	1.1	245	0.7	22.0	24	97.2		0.06
N578333		2.76	0.462	0.05	0.8	277	0.7	14.9	20	65.9		0.14
N578334		3.01	0.730	0.09	1.0	304	0.6	18.7	27	83.8		0.09
N578335		2.56	0.583	0.05	0.8	291	0.5	18.0	31	78.0		0.05
N578336		4.41	0.896	0.07	1.3	356	1.5	23.7	29	118.5		0.19
N578337		3.52	0.638	0.06	1.0	262	0.6	19.5	31	109.0		0.07
N578338		2.87	0.485	0.05	0.8	233	1.6	13.8	27	70.9		0.06
N578339		1.72	0.425	0.06	0.6	209	3.5	12.8	30	53.0		0.05
N578340		1.69	0.419	0.07	0.5	238	0.6	14.1	34	49.6		0.06
N578341		2.19	0.481	0.07	0.8	210	1.3	13.9	24	71.5		0.10
N578342		2.47	0.469	0.07	0.8	222	0.9	12.9	28	69.2		0.09

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PO BOX 1905
SUBIACO WA 6005
AUSTRALIA

Finalized Date: 25-OCT-2019
Account: RRLBMAFB

CERTIFICATE OF ANALYSIS SD19244406

Sample Description	Method	WEI-21	CRU-QC	PUL-QC	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Pass2mm	Pass75um	Au	Pt	Pd	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce
	Units	kg	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.02	0.01	0.01	0.001	0.005	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01
N578343		2.52			0.005	0.022	0.017	0.01	7.96	6.7	60	1.02	0.04	6.53	0.02	22.3
N578344		0.06			0.074	0.855	0.446	0.12	8.79	1.4	380	1.35	0.09	6.44	0.05	34.7
N578345		1.54			0.003	0.020	0.013	0.02	7.73	4.2	80	0.65	0.03	6.50	0.02	14.80

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOD	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05
N578343		26.6	23	0.56	25.9	4.83	16.05	0.17	1.5	0.032	0.41	10.3	4.8	3.58	565	0.43
N578344		48.4	2730	3.26	267	6.61	16.75	0.18	1.5	0.034	1.14	16.5	11.5	4.91	1130	1.32
N578345		36.8	25	0.68	27.3	6.13	15.50	0.13	1.3	0.046	0.49	6.3	4.2	3.84	603	0.34

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05
N578343		3.80	3.0	77.8	220	2.3	17.3	<0.002	0.04	0.33	29.4	1	0.5	137.5	0.21	<0.05
N578344		1.55	5.2	593	1250	8.2	59.9	0.002	0.11	0.24	22.4	1	1.5	489	0.37	0.19
N578345		3.39	2.4	96.1	250	2.3	17.6	<0.002	0.05	0.41	35.0	1	0.7	163.0	0.19	<0.05

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ni-OG62	S-IR08
	Analyte	Th	Ti	Tl	U	V	W	Y	Zn	Zr	Ni	S
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOD	0.01	0.005	0.02	0.1	1	0.1	0.1	2	0.5	0.001	0.01
N578343		1.72	0.373	0.06	0.6	204	1.1	10.2	27	56.5		0.05
N578344		5.04	0.498	0.14	1.2	223	1.0	14.8	85	52.5		0.11
N578345		1.62	0.388	0.07	0.5	231	0.4	12.2	33	49.2		0.05

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AUSTRALIA

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CERTIFICATE OF ANALYSIS SD19244406

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.

CRU-21	CRU-31	CRU-QC	LOG-22
LOG-23	PUL-31	PUL-QC	SPL-21
WEI-21			

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

ME-MS61	ME-OG62	Ni-OG62	PGM-ICP23
S-IR08			

Lac Panache Exploration Costs (CAD) With HST Excluded
Diamond Drilling, Mapping, Sampling, Assays.

Ronacher McKenzie Geologists RRP.19-01-Retainer		$ 15,000.00
Wolf Mountain Diamond Drilling #1 Invoice-Retainer		$ 50,000.00
Ronacher McKenzie Geologists RRP.19.01-001		$ 4,690.52
Wolf Mountain Diamond Drilling #2 Invoice		$ 16,946.02
Ronacher McKenzie Geologists RRP.19.01-002		$ 16,290.81
Ronacher McKenzie Geologists RRP.19.01-003		$ 22,485.51
ALS Canada Ltd. Core & Sample Assays. Inv.4903628		$ 13,577.75
Ronacher McKenzie Geologists RRP.19.01-001a	HST	n/a
Ronacher McKenzie Geologists RRP.19.01-002a	HST	n/a
Ronacher McKenzie Geologists RRP.19.01-003a	HST	n/a
Ronacher McKenzie Geologists RRP.19.01-004		$ 425.00
Ronacher McKenzie Geologists GSP.21.01-001		$ 2,150.00
	Total Costs	**$ 141,565.61**

Gordon Salo
2005 Northshore Road
Whitefish, Ontario
P0M 3E0

Claim	Number of Samples
137286	11
141671	1
145655	3
218637	5
254095	3
291295	12
316080	6

photos | **Outcrops** | **Grab Samples**

Photo_P9110_	X	Y	Date	Area	Sample	ROCKTYPE	Description	Feature	Strike
143	466678	5118404	11/Sep/2019	B	107401	QV	Py in quartz vein, old channel sampling		
144	466678	5118404	11/Sep/2019	B	107401	QV	Py in quartz vein, old channel sampling		
145	466678	5118404	11/Sep/2019	B	107401	QV	Rusty quartz vein with old channel sampling		
146	466678	5118404	11/Sep/2019	B		QV	Rusty quartz vein with holes left by weathered sulphides (py)		
147	466694	5118411	11/Sep/2019	B	107403	UNKNOWN	no data		
147	466689	5118417	11/Sep/2019	B	107402	GAB	Rusty gabbro near contact with quartz vein, barely visible in the photo background. Trench PSL-00-64 of Jobin-Bevans and Lyon (2001).		
148	466683	5118401	11/Sep/2019	B		SED	Metasediment, southern part of Trench PSL-00-64		
150	466690	5118417	11/Sep/2019	B		SED	Folded metasediments		
151	466690	5118417	11/Sep/2019	B		SED	Folded metasediments		
156	466516	5118520	11/Sep/2019	B		SED	Layered metasediments, sandstone.		
157	466527	5118541	11/Sep/2019	B	107404	SED	Pink quartzite with minor fuchsite in small pit.		
157	466530	5118545	11/Sep/2019	B	107405	SED	Pink quartzite with minor erythrite in small pit		
158	466516	5118520	11/Sep/2019	B		SED	Contact between massive pink quartzite (left) and weakly layered darker sandstone (right).		
164	463896	5119762	12/Sep/2019	A	107408	QV	Pit #1: Massive po and py in quartz vein, po>>py		
165	463833	5119744	12/Sep/2019	A	107409	QV	Between pit #2 and pit #3: massive po and py in quartz vein and siliceous metasediment, po>>py		
166	463833	5119770	12/Sep/2019	A	107410	SED	Metasedimentary breccia? With quartz matrix, no visible metallic minerals, near pits #2 and #3		
167	463833	5119770	12/Sep/2019	A	107410	SED	Metasedimentary breccia? With quartz matrix, no visible metallic minerals, near pits #2 and #3		
168	464013	5119782	12/Sep/2019	A	107411	GAB	Nipissing gabbro with 3% diss py. Outcrop cliff 4mX3m on the north side of the ATV trail, next to it.		
169	466534	5118533	13/Sep/2019	B	107406	SED	Quartzite with fuchsite and pyrite.		
170	466561	5118701	13/Sep/2019	B		GAB	Picket BL0/0+00 of Jobin-Bevans and Lyon (2001) in Main Trench		
171	466561	5118701	13/Sep/2019	B		GAB	Picket BL0/0+00 of Jobin-Bevans and Lyon (2001) in Main Trench		
172	466561	5118701	13/Sep/2019	B		GAB	Picket BL0/0+00 of Jobin-Bevans and Lyon (2001) in Main Trench		
173	466561	5118701	13/Sep/2019	B		GAB	Picket BL0/0+00 of Jobin-Bevans and Lyon (2001) in Main Trench		
174	466561	5118701	13/Sep/2019	B		GAB	Picket BL0/0+00 of Jobin-Bevans and Lyon (2001) in Main Trench		
175	466586	5118709	13/Sep/2019	B	107413	GAB	Main Trench, gabbro with 1% diss sulphides. Northern part of the overgrown trench. Looking north.		
176	466567	5118711	13/Sep/2019	B	107412	GAB	Small pit in Main Trench, gabbro with 3% diss po, py, cp, and co		
177	466567	5118711	13/Sep/2019	B	107412	GAB	Small pit in Main Trench, gabbro with 3% diss po, py, cp, and co		
178	466566	5118702	13/Sep/2019	B	107414	GAB	Nipissing gabbro with 1% diss sulphides, in Main Trench.		
179	466532	5118746	13/Sep/2019	B	107415	GAB	Rusty gabbro?		
180	466524	5118759	13/Sep/2019	B	107416	GAB	Gabbro mgr-cgr with 3% diss cp, po, py		
181	466602	5118677	13/Sep/2019	B	107417	GAB	Gabbro mgr with rutile?		
182	466601	5118680	13/Sep/2019	B		UNKNOWN	Small pond or creek between picket BL0/0+00 and picket BL0/0+75mE. Looking north.		
183	466615	5118649	13/Sep/2019	B		GAB	Picket BL0/0+75mE of Jobin-Bevans and Lyon (2001)		
184	466615	5118649	13/Sep/2019	B		GAB	Picket BL0/0+75mE of Jobin-Bevans and Lyon (2001)		
185	466615	5118649	13/Sep/2019	B		GAB	Picket BL0/0+75mE of Jobin-Bevans and Lyon (2001)		
186	466615	5118649	13/Sep/2019	B		GAB	Picket BL0/0+75mE of Jobin-Bevans and Lyon (2001)		
187	466615	5118649	13/Sep/2019	B		GAB	Picket BL0/0+75mE of Jobin-Bevans and Lyon (2001)		
188	466615	5118649	13/Sep/2019	B		GAB	Picket BL0/0+75mE of Jobin-Bevans and Lyon (2001)		
189	466615	5118649	13/Sep/2019	B		GAB	Picket BL0/0+75mE of Jobin-Bevans and Lyon (2001)		
190	466620	5118649	13/Sep/2019	B		GAB	Variation of texture in the mgr-cgr gabbro		
191	466611	5118646	13/Sep/2019	B	107418	GAB	Gabbro mgr with 1% diss py and co		
192	466620	5118649	13/Sep/2019	B		GAB	Gabbro mgr with possible holes left by the weathering of sulphides		
193	466620	5118649	13/Sep/2019	B		GAB	Gabbro mgr with 1% diss cp and py		
194	466620	5118649	13/Sep/2019	B	107419	GAB	Gabbro mgr with 1% diss cp and py		
195	466623	5118655	13/Sep/2019	B	107420	GAB	Gabbro mgrwith 1% diss py? And traces of apy or co		
196	466496	5118668	13/Sep/2019	B	107421	GAB	Pit: gabbro fgr-mgr with 40% sulphides (almost massive), po>>cp, py		
197	466509	5118661	13/Sep/2019	B	107422	GAB	Gabbro? Or metasediment? with 3% diss py		
198	466496	5118668	13/Sep/2019	B	107421	GAB	Pit in the foreground: gabbro fgr-mgr with 40% sulphides (almost massive), po>>cp, py. Looking east.		
199	464032	5119766	15/Sep/2019	A	107423	GAB	Melagabbro with 1% diss py (cubes), weakly magnetic, outcrop 1mX4m		
200	464077	5119797	15/Sep/2019	A	107424	QV	15 m thick quartz vein, white quartz, no visible sulphides, outcrop 15mX2m		
201	464095	5119804	15/Sep/2019	A		SED	Siliceous sandstone beige-pink-white and pink quartzite, not magnetic, layering/bedding 132/58, outcrop cliff 5mX5m	LAY	132
202	464080	5119830	15/Sep/2019	A		SED	Siliceous feldspathic sandstone, not magnetic, outcrop cliff H=3m and L=20m. From 464080E 5119830N to 464108E 5119866N it is a continuous cliff of quartz-rich sandstone and quartzite, not magnetic		
203	464107	5119756	15/Sep/2019	A		UNKNOWN	Swamp/lake, looking east		

204	464107	5119761	15/Sep/2019	A	107425	SED	Dark gray sed fgr (wacke?), not magnetic, outcrop 1mX2m		
205	464128	5119772	15/Sep/2019	A		SED	Quartz sandstone, quartzofeldspathic sandstone, and greywacke, layering or bedding 190/77, layers 1m-cm thick	LAY	190
206	464128	5119772	15/Sep/2019	A		SED	Quartz sandstone, quartzofeldspathic sandstone, and greywacke, layering or bedding 190/77, layers 1m-cm thick		
207	464128	5119772	15/Sep/2019	A		SED	Quartz sandstone, quartzofeldspathic sandstone, and greywacke, layering or bedding 190/77, layers 1m-cm thick		
208	464147	5119785	15/Sep/2019	A	107426	SED	Sandstone, quartz-rich, weakly layered, fgr, not magnetic, <1% diss py, outcrop 10mX10m		
210	464050	5119722	15/Sep/2019	A	107427	GAB	Melagabbro, mgr, massive, 1% diss py, very slightly magnetic, uprooted tree, outcrop 1mX1m		
211	464054	5119698	15/Sep/2019	A	107428	GAB	Melagabbro, mgr, massive, no sulphides, very weakly magnetic, outcrop 2mX2m		
212	464094	5119631	15/Sep/2019	A	107429	GAB	Melagabbro, fgr, massive, 1% diss py, not magnetic, outcrop 1mX2m		
213	464130	5119567	15/Sep/2019	A	107430	GAB	Melagabbro, mgr, massive, weakly magnetic, no sulphides, cliff outcrop 3mX2m		
214	464146	5119537	15/Sep/2019	A	107431	SED	Metasandstone? Layered, 1% diss py, not magnetic, outcrop 1mX2m		
215	464146	5119537	15/Sep/2019	A	107431	SED	Metasandstone? Layered, 1% diss py, not magnetic, outcrop 1mX2m		
216	464125	5119525	15/Sep/2019	A	107432	SED	Metasandstone? Medium gray, fgr, massive to weakly layered, <1% py, not magnetic		
217	464125	5119525	15/Sep/2019	A	107432	SED	Metasandstone? Medium gray, fgr, massive to weakly layered, <1% py, not magnetic		
218	464153	5119564	15/Sep/2019	A		SED	Dark siliceous metasandstone, not magnetic		
222	464157	5119954	16/Sep/2019	A		QV	Pit #5: 3mX2m, depth 1m, rectangular trench on the east side of the ATV trail		
223	463936	5119757	16/Sep/2019	A	107407	QV	Pit #10: large quartz crystals up to 15-20cm in diameter		
224	463908	5119773	16/Sep/2019	A	107408	QV	Pit #1: massive po		
226	463730	5119836	16/Sep/2019	A	107433	SED	Pit #4: 1.5mX2.5m, depth 2.5m. Pink quartzite with 3% diss py, not magnetic.		
227	463730	5119836	16/Sep/2019	A	107433	SED	Pit #4: 1.5mX2.5m, depth 2.5m. Pink quartzite with 3% diss py, not magnetic.		
228	463730	5119836	16/Sep/2019	A	107433	SED	Pit #4: 1.5mX2.5m, depth 2.5m. Pink quartzite with 3% diss py, not magnetic.		
229	463841	5119734	16/Sep/2019	A		SED	Pit #2: 3mX2m, depth 1.5-2.0m. 10cm thick quartz vein in metasediment.		
230	463834	5119750	16/Sep/2019	A		SED	Pit #3: 2mX1.5m, depth 1.0-1.5m. Metasediment		
231	463834	5119750	16/Sep/2019	A		SED	Pit #3: 2mX1.5m, depth 1.0-1.5m. Metasediment		
232	463936	5119757	16/Sep/2019	A	107407	QV	Pit #10: large quartz crystals up to 15-20cm in diameter		
233	464157	5119954	16/Sep/2019	A		QV	Pit #5: 3mX2m, depth 1m, rectangular trench on the east side of the ATV trail		
239	466700	5118294	17/Sep/2019	B		SED	Layered metasediments (sandstone and wacke). Dark-gray, black and white layers (<1cm thick; 113/62). Outcrop cliff 2mX7m.	LAY	113
240	466700	5118294	17/Sep/2019	B		SED	Layered metasediments (sandstone and wacke). Dark-gray, black and white layers (<1cm thick; 113/62). Outcrop cliff 2mX7m.		
241	466826	5118316	17/Sep/2019	B		SED	White to pink layered metasediments (sandstone, arkose), some very coartse layers. Not magnetic, traces of py. Outcrop flat 2mX5m.		
242	466826	5118316	17/Sep/2019	B		SED	White to pink layered metasediments (sandstone, arkose), some very coartse layers. Not magnetic, traces of py. Outcrop flat 2mX5m.		
243	466858	5118330	17/Sep/2019	B		SED	Metasediments in Beaver Dam trench. White to pink feldspathic sandstone with tiny rusty voids indicating former 1% sulphides, layered (182/68). The trench is severely overgrown. Looking south.	LAY	182
244	466858	5118337	17/Sep/2019	B	107434	GAB	Gabbro in the Beaver Dam trench, fgr-mgr, no sulphides, not magnetic.		
245	466858	5118337	17/Sep/2019	B	107434	GAB	Gabbro in the Beaver Dam trench, fgr-mgr, no sulphides, not magnetic.		
246	466858	5118337	17/Sep/2019	B	107434	GAB	Gabbro in the Beaver Dam trench, fgr-mgr, no sulphides, not magnetic.		
247	466858	5118337	17/Sep/2019	B		GAB	Gabbro in the Beaver Dam trench, cgr, no sulphides, not magnetic.		
248	466885	5118362	17/Sep/2019	B		GAB	Beaver Dam trench. Looking south from the NE end of trench.		
249	477018	5118288	17/Sep/2019	B		QV	Striped NW-SE outcrop, mainly quartz vein (in the foreground) and metasediments. Looking east.		
253	467015	5118284	17/Sep/2019	B	107435	SED	Metasediment invaded by large quartz vein. Traces of diss py.		
254	467143	5118249	17/Sep/2019	B	107436	SED	Dark fgr-mgr sediment (sandstone) and rusty sediment, folded, 1% diss py+cp		
255	467143	5118249	17/Sep/2019	B	107436	SED	Dark fgr-mgr sediment (sandstone) and rusty sediment, folded, 1% diss py+cp		
256	467143	5118249	17/Sep/2019	B	107436	SED	Dark fgr-mgr sediment (sandstone) and rusty sediment. Looking west.		
257	467143	5118249	17/Sep/2019	B	107436	SED	Dark fgr-mgr sediment (sandstone) .		
258	467130	5118247	17/Sep/2019	B	107437	QV	Pyrite-rich quartz vein. The quartz vein is py-rich from 467109E-5118264N to 467157E-5118243N or about 50m		
259	467130	5118247	17/Sep/2019	B	107437	QV	Pyrite-rich quartz vein. The quartz vein is py-rich from 467109E-5118264N to 467157E-5118243N or about 50m		
260	467123	5118257	17/Sep/2019	B	107438	SED	Rusty zones in dark sandstone. Too altered to be identified.		
261	467123	5118257	17/Sep/2019	B	107438	SED	Rusty zones in dark sandstone. Too altered to be identified.		
277	467412	5118092	18/Sep/2019	B		SED	Large striped outcrop (west side of the ATV trail). Steep contact (Az 255) between two metasedimentary packages: dark sandstone (plagioclase rich) and white to pink sandstone, both well layered (265/67)	LAY	265
277	467412	5118092	18/Sep/2019	B		SED	Large striped outcrop (west side of the ATV trail). Steep contact (Az 255) between two metasedimentary packages: dark sandstone (plagioclase rich) and white to pink sandstone, both well layered (265/67)	CNT	255
278	467411	5118092	18/Sep/2019	B		SED	Large striped outcrop (west side of the ATV trail). Dark sandstone (plagioclase rich), layered and folded. Some bed are rather thick (nearly 75cm thick) and massive.		
279	467411	5118092	18/Sep/2019	B		SED	Large striped outcrop (west side of the ATV trail). Dark sandstone (plagioclase rich), layered and folded. Some bed are rather thick (nearly 75cm thick) and massive.		
280	467411	5118092	18/Sep/2019	B		SED	Large striped outcrop (west side of the ATV trail). Dark sandstone (plagioclase rich), layered and folded. Some bed are rather thick (nearly 75cm thick) and massive.		
281	467411	5118092	18/Sep/2019	B		SED	Large striped outcrop (west side of the ATV trail). Dark sandstone (plagioclase rich), layered and folded. Some bed are rather thick (nearly 75cm thick) and massive.		

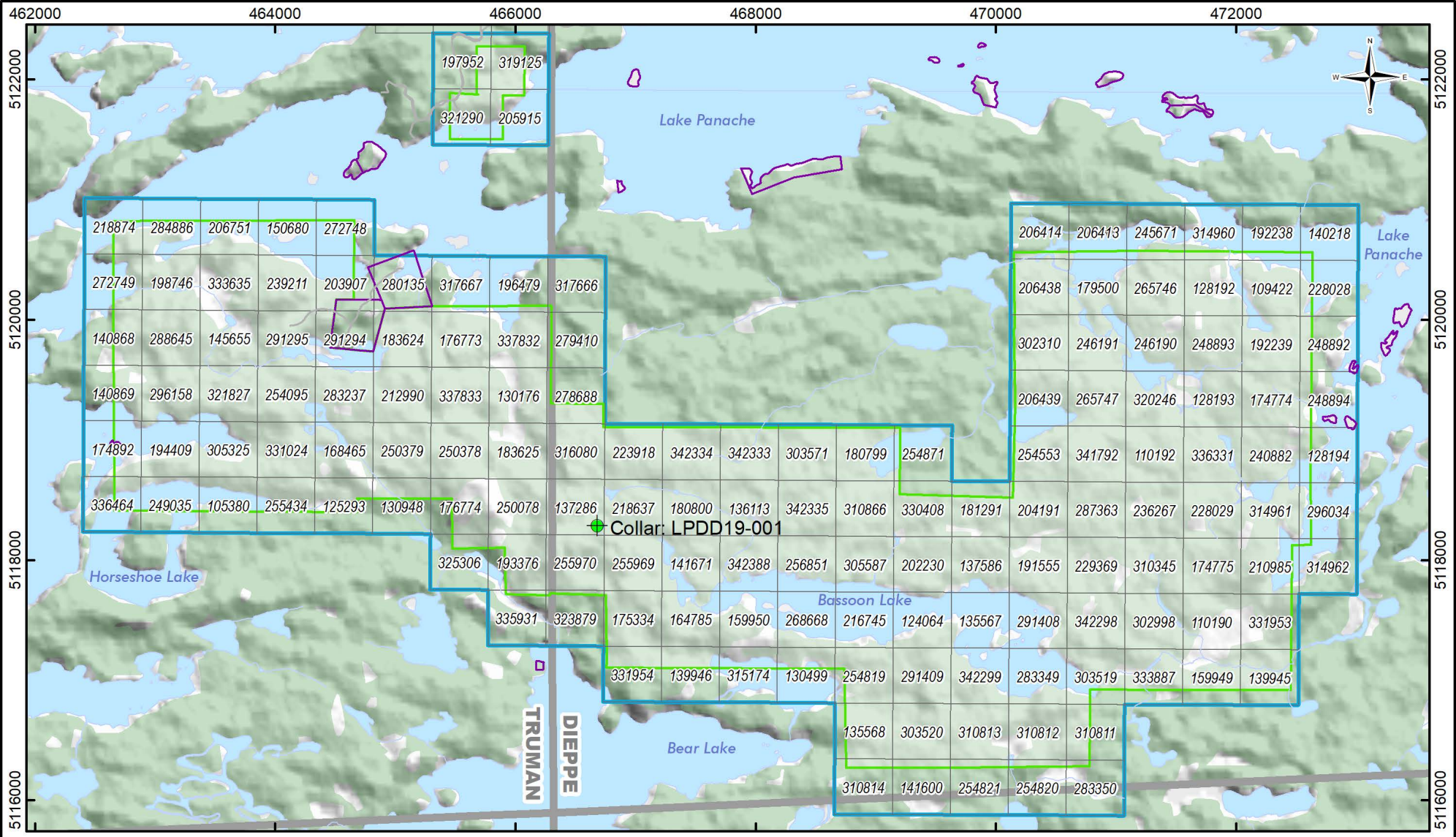
282	467412	5118092	18/Sep/2019	B		SED	Large striped outcrop (west side of the ATV trail). Well layered (0.1-1cm in thickness) white to light gray sandstone. Mixture of quartz-rich sandstone and feldspathic sandstone. Layering 261/79.	LAY	261
283	467387	5118052	18/Sep/2019	B		DIKE	Felsic dike in massive mgr-cgr gabbro.		
284	467387	5118052	18/Sep/2019	B		DIKE	Felsic dike in massive mgr-cgr gabbro.		
285	467412	5118095	18/Sep/2019	B		SED	Large striped outcrop (west side of the ATV trail). Folded dark sandstone FA 024/37, AP 001/86.	FA	24
285	467412	5118095	18/Sep/2019	B		SED	Large striped outcrop (west side of the ATV trail). Folded dark sandstone FA 024/37, AP 001/86.	AP	1
286	467466	5118096	18/Sep/2019	B		GAB	Large striped outcrop (east side of the ATV trail), looking east. Massive cgr gabbro, no quartz veins and no dikes. Sample 107439 was taken in the background.		
287	467513	5118086	18/Sep/2019	B	107439	GAB	Gabbro, cgr, no sulphides, not magnetic. The entire large striped outcrop east of the ATV trail seems to be sulphide-free.		
288	467412	5118092	18/Sep/2019	B		SED	Large striped outcrop (west side of the ATV trail). Cross bedding in white to light gray sandstone.		
289	467491	5117987	18/Sep/2019	B		SED	Siliceous sandstone, fgr, layered, outcrop 5mX4m	LAY	127
290	467475	5117902	18/Sep/2019	B		SED	Siliceous feldspathic sandstone (arkose), outcrop cliff 15mX3m		
291	467474	5118021	18/Sep/2019	B		GAB	Massive cgr gabbro, outcrop 3mX3m		
292	467391	5118066	18/Sep/2019	B		SED	Photo of large striped outcrop (north half) west side of the ATV trail, looking west.The contact GAB-SED is steep (not measured) and striking approximately NW (Az 295-315)	CNT	305
293	467386	5118046	18/Sep/2019	B		GAB	West side outcrop striped area, looking north from the gabbro south end		
294	467001	5118302	18/Sep/2019	B		GAB	Gabbro, cgr, massive, outcrop roadcut 1mX2m		
304	464034	5119893	19/Sep/2019	A		SED	Pit #8: 2mX1.5m, depth 1.5m		
305	464034	5119893	19/Sep/2019	A		SED	Pit #8: 2mX1.5m, depth 1.5m		
313	463897	5119835	19/Sep/2019	A	107441	GAB	Pit magnetic anomaly 814: 3mX2m, depth 2.5m. Gabbro, mgr, massive, tr cp, tr py, 1% cobaltite or apy		
314	463897	5119835	19/Sep/2019	A	107441	GAB	Pit magnetic anomaly 814: 3mX2m, depth 2.5m. Gabbro, mgr, massive, tr cp, tr py, 1% cobaltite or apy		
339	463926	5119788	24/Sep/2019	A	107442	GAB	Gabbro, mgr, massive, 1% py and cobaltite or apy, outcrop 2.5mX1.5m		
340	463923	5120058	24/Sep/2019	A		SED	Pit: unregistered pit		

Field photos | Outcrops | **Grab Samples**

Photo_P9110_	Easting_NAD83	Northing_NAD83	Date	Area	Sample	ROCKTYPE	Description
143	466678	5118404	11/Sep/2019	B	107401	QV	Py in quartz vein, old channel sampling
144	466678	5118404	11/Sep/2019	B	107401	QV	Py in quartz vein, old channel sampling
145	466678	5118404	11/Sep/2019	B	107401	QV	Rusty quartz vein with old channel sampling
147	466689	5118417	11/Sep/2019	B	107402	GAB	Rusty gabbro near contact with quartz vein, barely visible in the photo background. Trench PSL-00-64 of Jobin-Bevans and Lyon (2001).
147	466694	5118411	11/Sep/2019	B	107403	UNKNOWN	no data
157	466527	5118541	11/Sep/2019	B	107404	SED	Pink quartzite with minor fuchsite in small pit.
157	466530	5118545	11/Sep/2019	B	107405	SED	Pink quartzite with minor erythrite in small pit
169	466534	5118533	13/Sep/2019	B	107406	SED	Quartzite with fuchsite and pyrite.
223	463936	5119757	16/Sep/2019	A	107407	QV	Pit #10: large quartz crystals up to 15-20cm in diameter
232	463936	5119757	16/Sep/2019	A	107407	QV	Pit #10: large quartz crystals up to 15-20cm in diameter
164	463896	5119762	12/Sep/2019	A	107408	QV	Pit #1: Massive po and py in quartz vein, po>>py
224	463908	5119773	16/Sep/2019	A	107408	QV	Pit #1: massive po
165	463833	5119744	12/Sep/2019	A	107409	QV	Between pit #2 and pit #3: massive po and py in quartz vein and siliceous metasediment, po>>py
166	463833	5119770	12/Sep/2019	A	107410	SED	Metasedimentary breccia? With quartz matrix, no visible metallic minerals, near pits #2 and #3
167	463833	5119770	12/Sep/2019	A	107410	SED	Metasedimentary breccia? With quartz matrix, no visible metallic minerals, near pits #2 and #3
168	464013	5119782	12/Sep/2019	A	107411	GAB	Nipissing gabbro with 3% diss py. Outcrop cliff 4mX3m on the north side of the ATV trail, next to it.
176	466567	5118711	13/Sep/2019	B	107412	GAB	Small pit in Main Trench, gabbro with 3% diss po, py, cp, and co
177	466567	5118711	13/Sep/2019	B	107412	GAB	Small pit in Main Trench, gabbro with 3% diss po, py, cp, and co
175	466586	5118709	13/Sep/2019	B	107413	GAB	Main Trench, gabbro with 1% diss sulphides. Northern part of the overgrown trench. Looking north.
178	466566	5118702	13/Sep/2019	B	107414	GAB	Nipissing gabbro with 1% diss sulphides, in Main Trench.
179	466532	5118746	13/Sep/2019	B	107415	GAB	Rusty gabbro?
180	466524	5118759	13/Sep/2019	B	107416	GAB	Gabbro mgr-cgr with 3% diss cp, po, py
181	466602	5118677	13/Sep/2019	B	107417	GAB	Gabbro mgr with rutile?
191	466611	5118646	13/Sep/2019	B	107418	GAB	Gabbro mgr with 1% diss py and co
194	466620	5118649	13/Sep/2019	B	107419	GAB	Gabbro mgr with 1% diss cp and py
195	466623	5118655	13/Sep/2019	B	107420	GAB	Gabbro mgrwith 1% diss py? And traces of apy or co
196	466496	5118668	13/Sep/2019	B	107421	GAB	Pit: gabbro fgr-mgr with 40% sulphides (almost massive), po>>cp, py
198	466496	5118668	13/Sep/2019	B	107421	GAB	Pit in the foreground: gabbro fgr-mgr with 40% sulphides (almost massive), po>>cp, py. Looking east.
197	466509	5118661	13/Sep/2019	B	107422	GAB	Gabbro? Or metasediment? with 3% diss py
199	464032	5119766	15/Sep/2019	A	107423	GAB	Melagabbro with 1% diss py (cubes), weakly magnetic, outcrop 1mX4m
200	464077	5119797	15/Sep/2019	A	107424	QV	15 m thick quartz vein, white quartz, no visible sulphides, outcrop 15mX2m
204	464107	5119761	15/Sep/2019	A	107425	SED	Dark gray sed fgr (wacke?), not magnetic, outcrop 1mX2m
208	464147	5119785	15/Sep/2019	A	107426	SED	Sandstone, quartz-rich, weakly layered, fgr, not magnetic, <1% diss py, outcrop 10mX10m
210	464050	5119722	15/Sep/2019	A	107427	GAB	Melagabbro, mgr, massive, 1% diss py, very slightly magnetic, uprooted tree, outcrop 1mX1m
211	464054	5119698	15/Sep/2019	A	107428	GAB	Melagabbro, mgr, massive, no sulphides, very weakly magnetic, outcrop 2mX2m
212	464094	5119631	15/Sep/2019	A	107429	GAB	Melagabbro, fgr, massive, 1% diss py, not magnetic, outcrop 1mX2m
213	464130	5119567	15/Sep/2019	A	107430	GAB	Melagabbro, mgr, massive, weakly magnetic, no sulphides, cliff outcrop 3mX2m
214	464146	5119537	15/Sep/2019	A	107431	SED	Metasandstone? Layered, 1% diss py, not magnetic, outcrop 1mX2m
215	464146	5119537	15/Sep/2019	A	107431	SED	Metasandstone? Layered, 1% diss py, not magnetic, outcrop 1mX2m
216	464125	5119525	15/Sep/2019	A	107432	SED	Metasandstone? Medium gray, fgr, massive to weakly layered, <1% py, not magnetic
217	464125	5119525	15/Sep/2019	A	107432	SED	Metasandstone? Medium gray, fgr, massive to weakly layered, <1% py, not magnetic
226	463730	5119836	16/Sep/2019	A	107433	SED	Pit #4: 1.5mX2.5m, depth 2.5m. Pink quartzite with 3% diss py, not magnetic.
227	463730	5119836	16/Sep/2019	A	107433	SED	Pit #4: 1.5mX2.5m, depth 2.5m. Pink quartzite with 3% diss py, not magnetic.
228	463730	5119836	16/Sep/2019	A	107433	SED	Pit #4: 1.5mX2.5m, depth 2.5m. Pink quartzite with 3% diss py, not magnetic.
244	466858	5118337	17/Sep/2019	B	107434	GAB	Gabbro in the Beaver Dam trench, fgr-mgr, no sulphides, not magnetic.
245	466858	5118337	17/Sep/2019	B	107434	GAB	Gabbro in the Beaver Dam trench, fgr-mgr, no sulphides, not magnetic.
246	466858	5118337	17/Sep/2019	B	107434	GAB	Gabbro in the Beaver Dam trench, fgr-mgr, no sulphides, not magnetic.
253	467015	5118284	17/Sep/2019	B	107435	SED	Metasediment invaded by large quartz vein. Traces of diss py.
254	467143	5118249	17/Sep/2019	B	107436	SED	Dark fgr-mgr sediment (sandstone) and rusty sediment, folded, 1% diss py+cp
255	467143	5118249	17/Sep/2019	B	107436	SED	Dark fgr-mgr sediment (sandstone) and rusty sediment, folded, 1% diss py+cp
256	467143	5118249	17/Sep/2019	B	107436	SED	Dark fgr-mgr sediment (sandstone) and rusty sediment. Looking west.
257	467143	5118249	17/Sep/2019	B	107436	SED	Dark fgr-mgr sediment (sandstone) .
258	467130	5118247	17/Sep/2019	B	107437	QV	Pyrite-rich quartz vein. The quartz vein is py-rich from 467109E-5118264N to 467157E-5118243N or about 50m
259	467130	5118247	17/Sep/2019	B	107437	QV	Pyrite-rich quartz vein. The quartz vein is py-rich from 467109E-5118264N to 467157E-5118243N or about 50m
260	467123	5118257	17/Sep/2019	B	107438	SED	Rusty zones in dark sandstone. Too altered to be identified.
261	467123	5118257	17/Sep/2019	B	107438	SED	Rusty zones in dark sandstone. Too altered to be identified.
287	467513	5118086	18/Sep/2019	B	107439	GAB	Gabbro, cgr, no sulphides, not magnetic. The entire large striped outcrop east of the ATV trail seems to be sulphide-free.
313	463897	5119835	19/Sep/2019	A	107441	GAB	Pit magnetic anomaly 814: 3mX2m, depth 2.5m. Gabbro, mgr, massive, tr cp, tr py, 1% cobaltite or apy
314	463897	5119835	19/Sep/2019	A	107441	GAB	Pit magnetic anomaly 814: 3mX2m, depth 2.5m. Gabbro, mgr, massive, tr cp, tr py, 1% cobaltite or apy
339	463926	5119788	24/Sep/2019	A	107442	GAB	Gabbro, mgr, massive, 1% py and cobaltite or apy, outcrop 2.5mX1.5m
					107440	OREAS 680	
					107443	blank	

Field photos | **Outcrops** | Grab Samples

Main outcrops/trenches/striped areas	From_Easting	From_Northing	To_Easting	To_Northing	Description/Comment
Trench PSL-00-64 of Jobin-Bevans and Lyon	466684	5118401	466692	5118421	N-S trench (L= 22m, W= 2-4m) where metasediments, quartz vein, and gabbro are exposed. The quartz vein is 12m thick and pyrite-rich. About 8-10m of metasediments are still exposed in 2019.
Beaver Dam Trench	466841	5118301	466885	5118362	SW-NE Trench (L= 70m, W= 4m) near a beaver dam, south of the ATV trail. The metasediments (sandstone) and gabbro are exposed in the trench. Gabbro is fgr-mgr, no sulphides, not magnetic. White to pink feldspathic sandstone with tiny rusty voids indicating former 1% sulphides, layered (182/68). The contact GAB-SED is at 466858E/5118335N (strike and dip not measured). The trench is severely overgrown.
Boomerang Trench	467013	5118289	467163	5118242	NW-SE striped outcrop (L=160m, W=10m), south of the ATV trail. Quartz vein (55%), metasediments (40%), and gabbro (5%) are exposed by the striping. Pyrite-rich quartz vein from 467109E/5118264N to 467157E/5118243N, the cubic sulphide has been removed by weathering, leaving rusty squared/cubic holes. The metasediments are layered sandstone (white-pink and dark sandstone: siliceous to feldspathic sandstone). Massive gabbro? At 467124E/5118257N. No evidence of channel sampling.
West Side striped outcrop	467377	5118034	467418	5118092	Large N-S striped outcrop (L= 75m, W= 20m) west side of the ATV trail. The gabbro (massive mgr; southern half of the outcrop) and two distinct sedimentary packages (northern half of the outcrop) are exposed. The contact GAB-SED is at 467391E/5118066N trending Az 295-315. The contact (Az 255) between the two metasedimentary packages is steep: dark sandstone (plagioclase-rich) and white to pink sandstone, both well layered (265/67) and folded (FA 024/37, AP 001/86).
East Side striped outcrop	467445	5118080	467518	5118089	Large E-W striped outcrop (L= 75m, W= 20m) east of the ATV trail where only massive cgr gabbro is exposed. The outcrop shows no remarkable feature of any kind: no dike, no quartz vein, no contact with other rock types, no evidence of channel sampling.



Legend

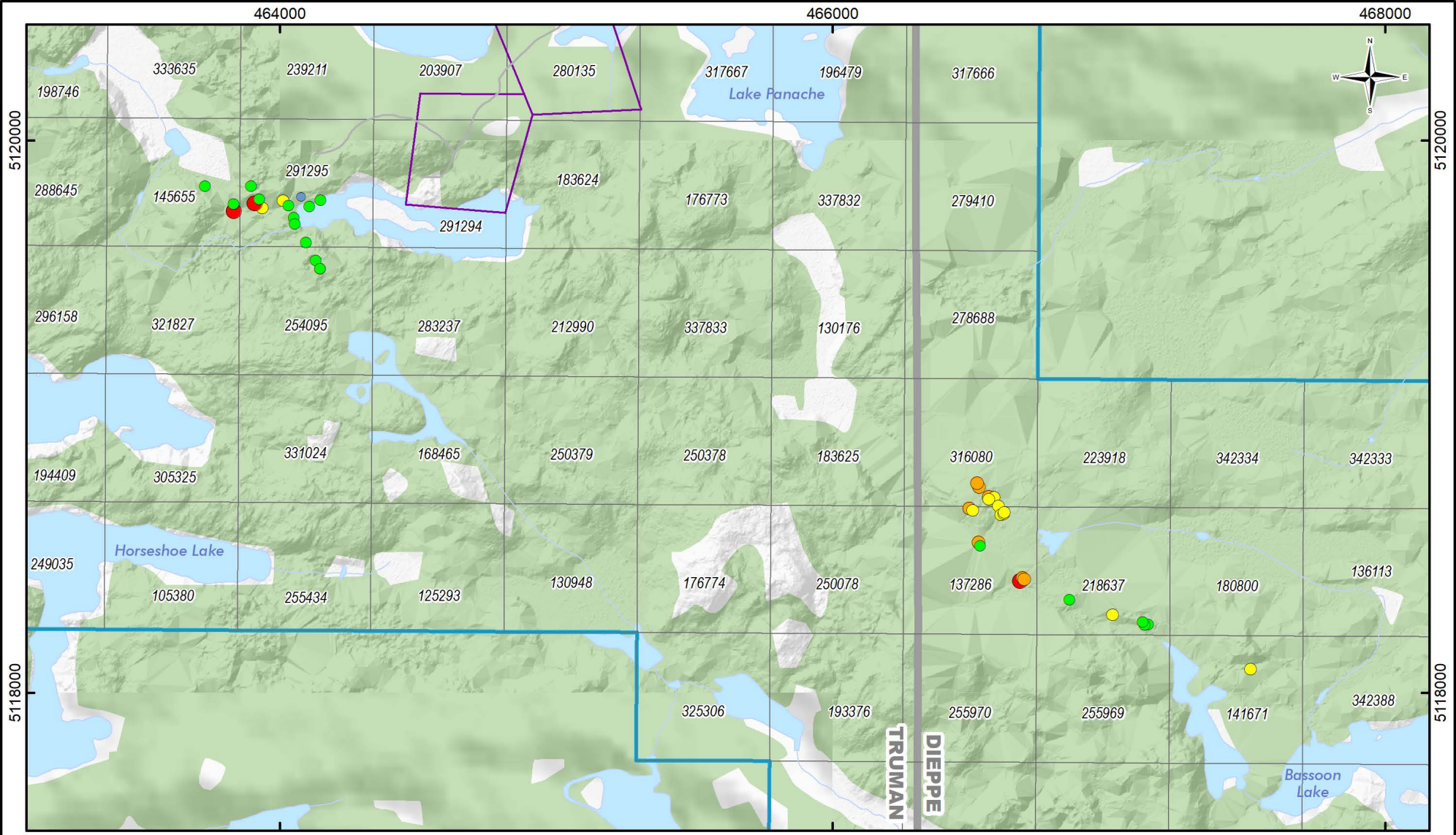
- Watercourse
- Waterbody
- Claim Cell
- Legacy Claim area
- Panache Project
- Patent land

RONACHER MCKENZIE GEOSCIENCE

TENEMENT
Gordon Salo - Panache Property
Dieppe/Truman Twps, Ontario

June 18, 2021 | NAD83, zone 17N

0 1 2 km



Legend

Sample Assay (Ni ppm)

- 2500.1 - 5300.0
- 500.1 - 2500.0
- 100.1 - 500.0
- 5.1 - 100.0
- 2.4 - 5.0

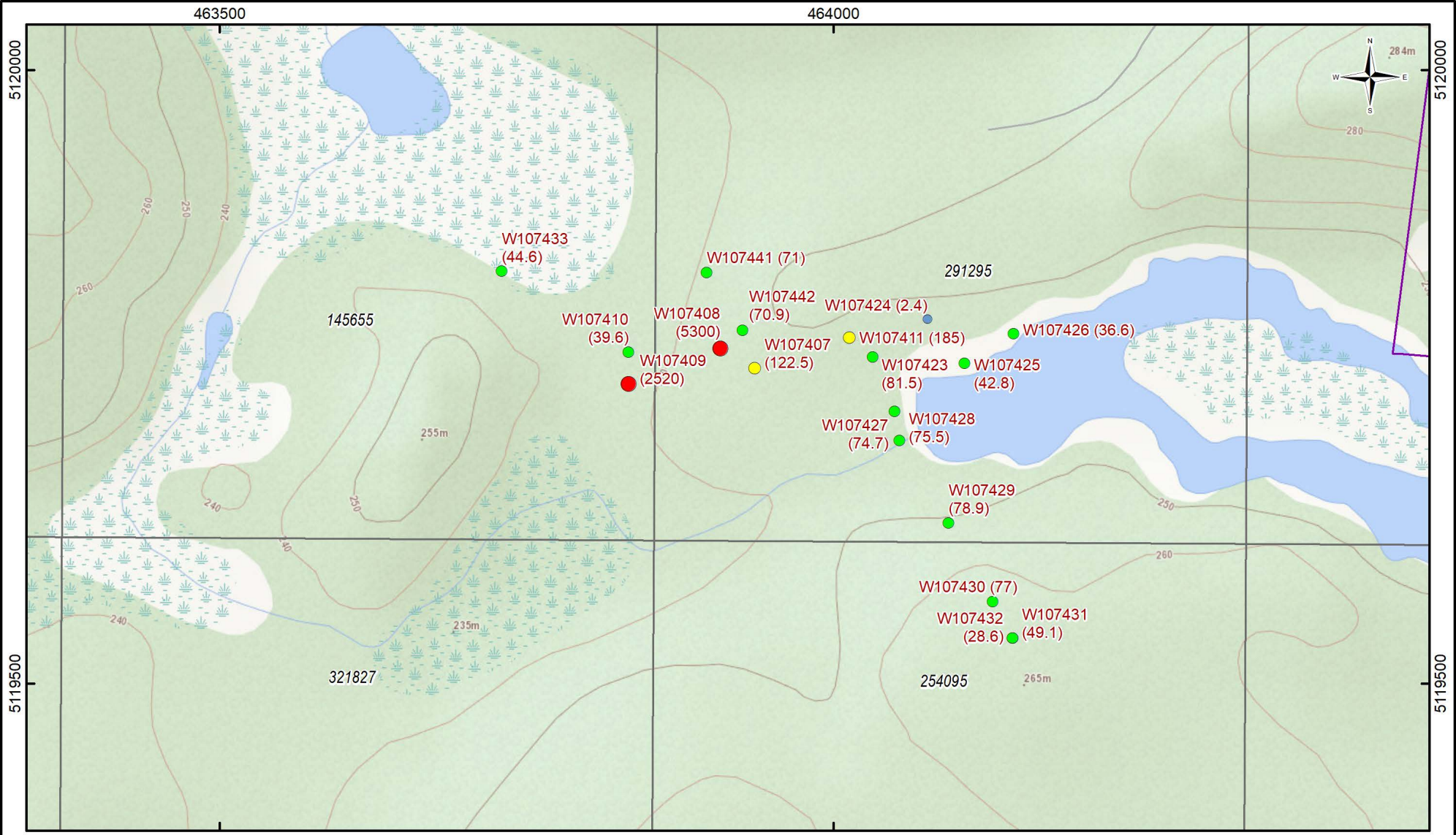
- Claim Cell
- Panache Project
- Patent land
- Watercourse
- Waterbody

RONACHER MCKENZIE GEOSCIENCE

GRAB SAMPLES
Gordon Salo - Panache Property
Dieppe / Truman Twps, Ontario

June 18, 2021 | *NAD83, zone 17N*

0 — 1 km



Legend

Sample Assay (Ni ppm)

- 2500.1 - 5300.0
- 500.1 - 2500.0
- 100.1 - 500.0
- 5.1 - 100.0
- 2.4 - 5.0

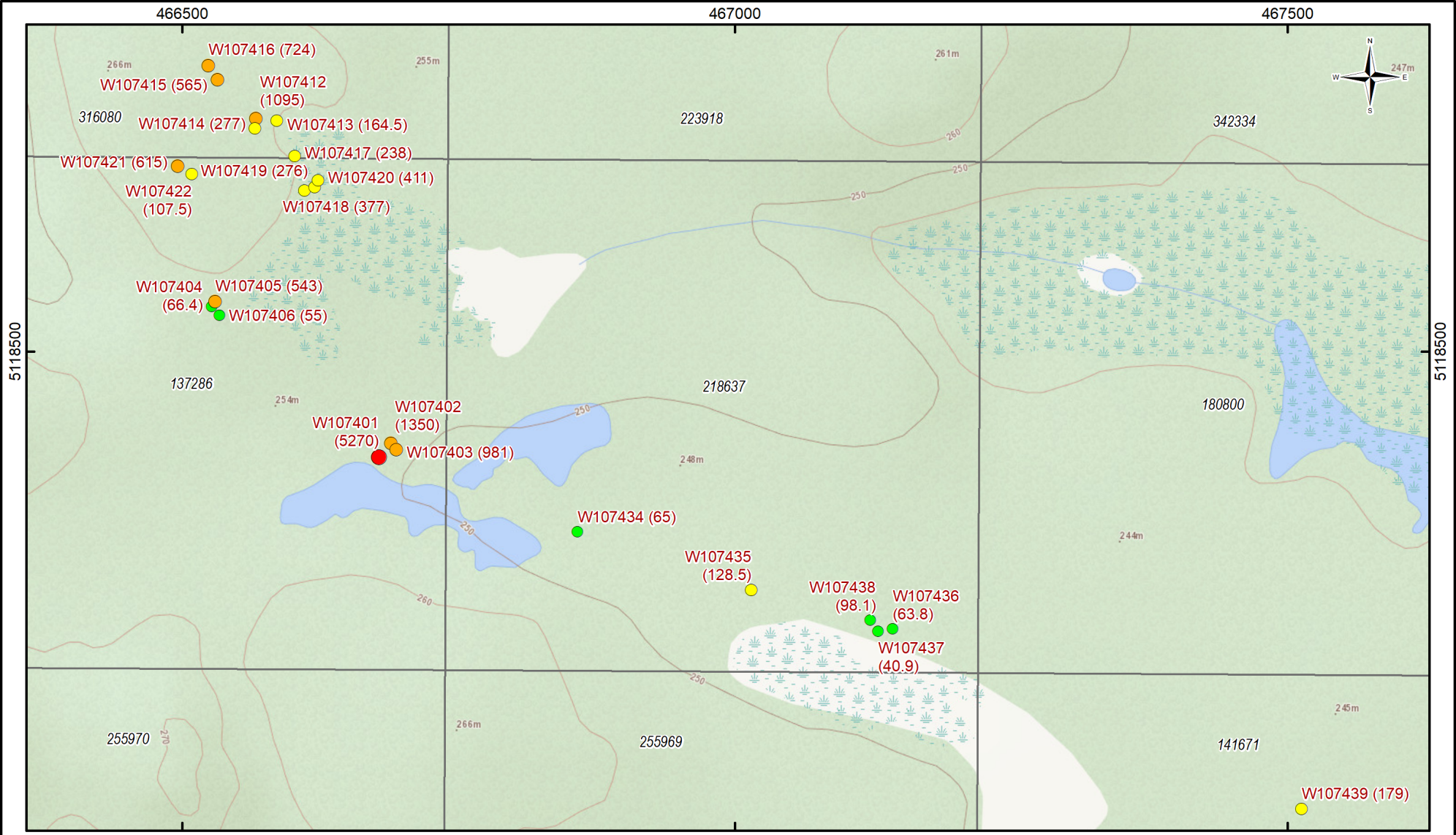
- Claim Cell
- Patent land

RONACHER MCKENZIE GEOSCIENCE

GRAB SAMPLES East (Truman Twp)
Gordon Salo - Panache Property
Dieppe / Truman Twps, Ontario

June 18, 2021 | *NAD83, zone 17N*

0 — 200 m



Legend

Sample Assay (Ni ppm) ☐ Claim Cell

- 2500.1 - 5300.0
- 500.1 - 2500.0
- 100.1 - 500.0
- 5.1 - 100.0
- 2.4 - 5.0

RONACHER MCKENZIE GEOSCIENCE

GRAB SAMPLES West (Dieppe Twp)
Gordon Salo - Panache Property
Dieppe / Truman Twps, Ontario

June 18, 2021 | *NAD83, zone 17N*

0 200 m