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Geological Mapping, Prospecting and Sampling of Pacton Gold's Gullrock Lake Property, NW Ontario.

November 3, 2020

Presented to:

Pacton Gold Inc.

Presented By:

Andrew Tims, PGO

for

GoldSpot Discoveries Corp.

69 Yonge St, Suite 1010 Toronto, ON M5E 1K3

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Introduction

GoldSpot Discoveries Corp. (GoldSpot) of Toronto, Ontario, was contracted by Pacton Gold Inc. (Pacton) of Vancouver, British Columbia, to perform prospecting on the mineral occurrences on Pacton's Gullrock Lake Property (Figure 1). Mr. Andrew Tims (PGO) was engaged to fulfill the role of field lead on this project.

The claims are underlain by a sequence of east to east-southeast trending massive to foliated mafic flows as mapped by Pirie, 1981. Interflow chemical and clastic metasedimentary rocks have been intersected in drill holes but outcrop is scarce. Rocks encountered historically consist of minor silicate, oxide and sulphide iron formation, greywacke, and mafic volcaniclastic varying in thickness from less than 1.0 m to 150 m, interbedded with mafic volcanic flow lithologies. A major structure crossing the property in an east-southeast to southeast direction and dips to the south between 60° and 85°.

The work program was carried by Andrew Tims, P.Geo and Kacper Halama with assistance by Nina Buchanan.

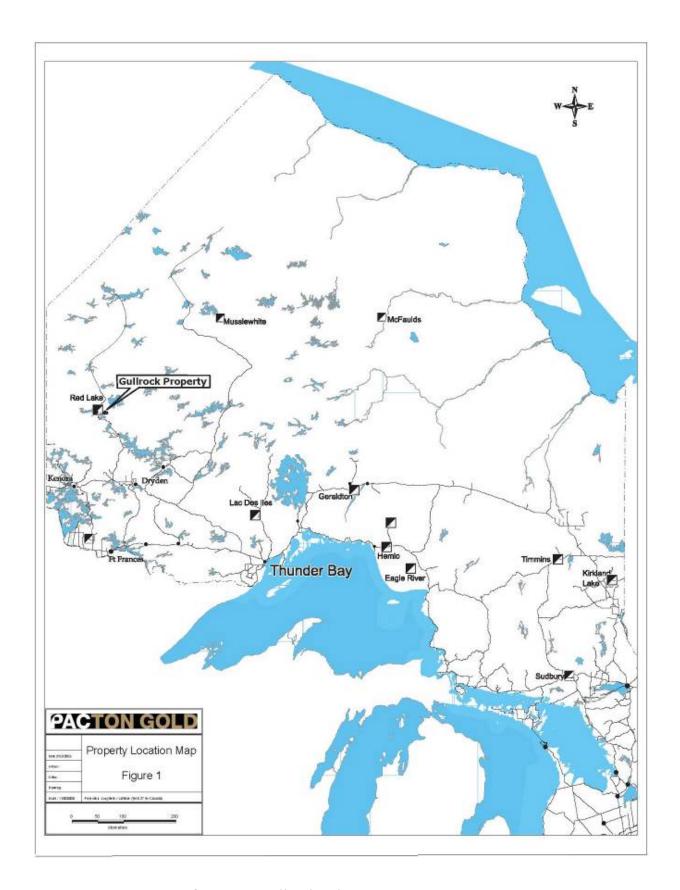


Figure 1 - Location of Pacton's Gullrock Lake Property

1 Location and Access

The Gullrock Lake property is located 15 kilometers east of the town of Red Lake, Ontario on NTS map sheets 52K13 and 52N04, centered at UTM 460600 mN and 5651000 mN (NAD83 zone 15) in the Ranger and Willans townships of the Red Lake Mining District. The property is located approximately 14 kilometres southeast of Red Lake with vehicle access via the Chukuni River forestry road which connects to Highway 105 (Figure 1). Unfortunately, two key bridges have been removed making success from the east problematic. The northern and eastern portions of the property are crossed by wide streams complicating access without the bridge access. Boat access from the western side of the property from Gullrock Lake is more time efficient.

2 Claims and Ownership

Pacton Gold Corp acquired the Gullrock Lake Property from Alexandria Minerals Corp. on the 31st of October 2019. The Gullrock Lake property consists of 128 single cell and 78 boundary cell claims in Ranger and Willans townships (Figure 2). All the claims are in one contiguous block and are 100% owned by Pacton Gold Inc. All claims are in good standing until at least January 2021.

A list of the claims can be found in Table 1 below.

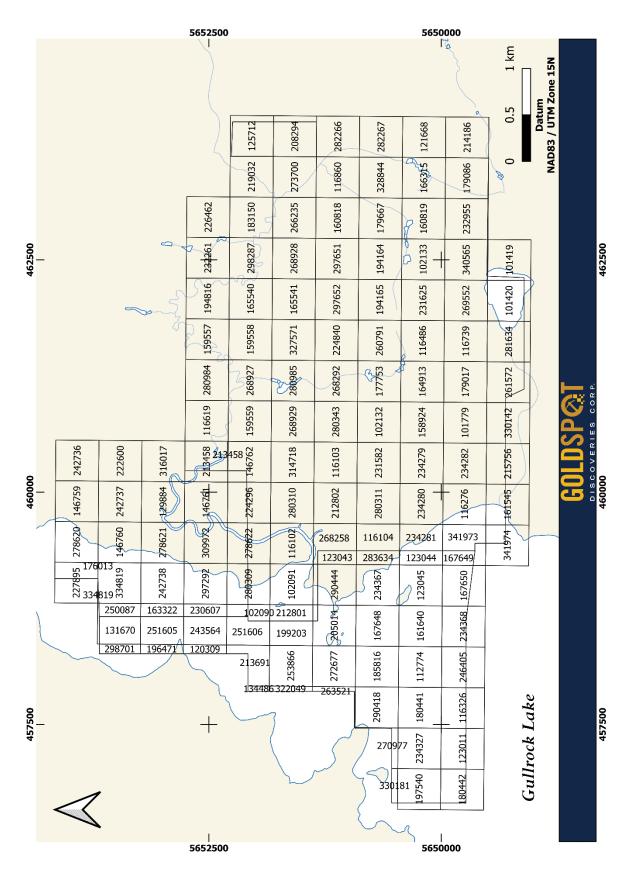


Figure 2 - Gullrock Lake Property Claims including the boundary cells.

Table 1 - Claim status data for Pacton's Gullrock Lake Property

Tenure ID	Township	Tenure Type	Anniversary	Work Due	Reserve
105984	RANGER	Single Cell Mining Claim	2021-01-19	400	0
116619	RANGER	Single Cell Mining Claim	2021-03-04	400	400
120309	RANGER	Boundary Mining Claim	2021-08-05	200	0
126597	RANGER	Single Cell Mining Claim	2021-01-19	400	0
126598	RANGER	Single Cell Mining Claim	2021-01-19	400	0
128685	RANGER	Single Cell Mining Claim	2021-01-19	400	0
129884	RANGER	Single Cell Mining Claim	2021-09-05	400	0
131485	RANGER	Single Cell Mining Claim	2021-01-19	400	0
131486	RANGER	Single Cell Mining Claim	2021-01-19	400	0
131670	RANGER	Boundary Mining Claim	2021-08-05	200	0
138070	RANGER	Single Cell Mining Claim	2021-01-19	400	0
146082	RANGER	Single Cell Mining Claim	2021-01-19	400	0
146759	RANGER	Single Cell Mining Claim	2021-09-05	400	0
146760	RANGER	Single Cell Mining Claim	2021-09-05	400	0
146761	RANGER	Single Cell Mining Claim	2021-09-05	400	0
155147	RANGER	Single Cell Mining Claim	2021-01-19	400	0
157984	RANGER	Boundary Mining Claim	2021-01-19	200	0
157985	RANGER	Boundary Mining Claim	2021-01-19	200	0
159557	RANGER	Single Cell Mining Claim	2021-03-04	400	400
162634	RANGER	Single Cell Mining Claim	2021-01-19	400	0
163322	RANGER	Boundary Mining Claim	2021-09-05	200	0
165213	RANGER	Single Cell Mining Claim	2021-01-19	400	0
165214	RANGER	Single Cell Mining Claim	2021-01-19	400	0
165215	RANGER	Single Cell Mining Claim	2021-01-19	400	0
176013	RANGER	Boundary Mining Claim	2021-09-05	200	0
190614	RANGER	Single Cell Mining Claim	2021-01-19	400	0
192010	RANGER	Single Cell Mining Claim	2021-01-19	400	0
192685	RANGER	Single Cell Mining Claim	2021-01-19	400	0
194816	RANGER	Single Cell Mining Claim	2021-03-04	400	400
196471	RANGER	Boundary Mining Claim	2021-08-05	200	0
210635	RANGER	Single Cell Mining Claim	2021-01-19	400	0
213458	RANGER	Boundary Mining Claim	2021-03-04	200	800
222600	RANGER	Single Cell Mining Claim	2021-09-05	400	0
223313	RANGER	Single Cell Mining Claim	2021-01-19	400	0
223314	RANGER	Single Cell Mining Claim	2021-01-19	400	0
226462	RANGER	Single Cell Mining Claim	2021-02-12	400	0
227876	RANGER	Single Cell Mining Claim	2021-01-19	400	0
227895	RANGER	Boundary Mining Claim	2021-01-19	200	0
227896	RANGER	Boundary Mining Claim	2021-01-19	200	0
229240	RANGER	Single Cell Mining Claim	2021-01-19	400	0

229902	RANGER	Single Cell Mining Claim	2021-01-19	400	0
229927	RANGER	Single Cell Mining Claim	2021-01-19	400	0
229928	RANGER	Single Cell Mining Claim	2021-01-19	400	0
230607	RANGER	Boundary Mining Claim	2021-09-05	200	0
231353	RANGER	Single Cell Mining Claim	2021-01-19	400	0
232261	RANGER	Single Cell Mining Claim	2021-03-04	400	400
240009	RANGER	Boundary Mining Claim	2021-01-19	200	0
240010	RANGER	Single Cell Mining Claim	2021-01-19	400	172
242736	RANGER	Single Cell Mining Claim	2021-09-05	400	0
242737	RANGER	Single Cell Mining Claim	2021-09-05	400	0
242738	RANGER	Single Cell Mining Claim	2021-09-05	400	0
243564	RANGER	Boundary Mining Claim	2021-08-05	200	0
250087	RANGER	Boundary Mining Claim	2021-09-05	200	0
251605	RANGER	Boundary Mining Claim	2021-08-05	200	0
257277	RANGER	Single Cell Mining Claim	2021-01-19	400	0
258644	RANGER	Single Cell Mining Claim	2021-01-19	400	0
258645	RANGER	Boundary Mining Claim	2021-01-19	200	0
276603	RANGER	Single Cell Mining Claim	2021-01-19	400	0
278620	RANGER	Single Cell Mining Claim	2021-09-05	400	0
278621	RANGER	Single Cell Mining Claim	2021-09-05	400	1233
279347	RANGER	Single Cell Mining Claim	2021-01-19	400	0
279348	RANGER	Single Cell Mining Claim	2021-01-19	400	0
280984	RANGER	Single Cell Mining Claim	2021-03-04	400	400
285906	RANGER	Single Cell Mining Claim	2021-01-19	400	0
285907	RANGER	Boundary Mining Claim	2021-01-19	200	0
288497	RANGER	Single Cell Mining Claim	2021-01-19	400	0
288498	RANGER	Single Cell Mining Claim	2021-01-19	400	0
294525	RANGER	Single Cell Mining Claim	2021-01-19	400	0
294543	RANGER	Boundary Mining Claim	2021-01-19	200	0
297291	RANGER	Boundary Mining Claim	2021-09-05	200	0
297292	RANGER	Single Cell Mining Claim	2021-09-05	400	0
298535	RANGER	Single Cell Mining Claim	2021-01-19	400	0
298701	RANGER	Boundary Mining Claim	2021-08-05	200	0
306623	RANGER	Boundary Mining Claim	2021-01-19	200	0
306624	RANGER	Boundary Mining Claim	2021-01-19	200	0
306625	RANGER	Boundary Mining Claim	2021-01-19	200	0
308767	RANGER	Single Cell Mining Claim	2021-01-19	400	0
308768	RANGER	Single Cell Mining Claim	2021-01-19	400	0
309972	RANGER	Single Cell Mining Claim	2021-09-05	400	0
313214	RANGER	Single Cell Mining Claim	2021-01-19	400	0
316016	RANGER	Boundary Mining Claim	2021-09-05	200	0
316017	RANGER	Single Cell Mining Claim	2021-09-05	400	0
323148	RANGER	Single Cell Mining Claim	2021-01-19	400	0

323149	RANGER	Single Cell Mining Claim	2021-01-19	400	0
323172	RANGER	Boundary Mining Claim	2021-01-19	200	0
331486	RANGER	Single Cell Mining Claim	2021-01-19	400	0
334819	RANGER	Boundary Mining Claim	2021-01-19	200	0
336198	RANGER	Single Cell Mining Claim	2021-01-19	400	0
336199	RANGER	Single Cell Mining Claim	2021-01-19	400	0
102090	RANGER, WILLANS	Boundary Mining Claim	2021-01-28	200	0
125712	RANGER, WILLANS	Boundary Mining Claim	2021-02-12	200	0
134486	RANGER, WILLANS	Boundary Mining Claim	2021-08-05	200	0
146762	RANGER, WILLANS	Boundary Mining Claim	2021-09-05	200	0
159558	RANGER, WILLANS	Single Cell Mining Claim	2021-03-04	400	400
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183150	RANGER, WILLANS	Single Cell Mining Claim	2021-02-12	400	0
193379	RANGER, WILLANS	Boundary Mining Claim	2021-09-05	200	0
193380	RANGER, WILLANS	Boundary Mining Claim	2021-09-05	200	0
204177	RANGER, WILLANS	Boundary Mining Claim	2021-01-28	200	0
213691	RANGER, WILLANS	Boundary Mining Claim	2021-08-05	200	0
219032	RANGER, WILLANS	Single Cell Mining Claim	2021-02-12	400	0
224296	RANGER, WILLANS	Boundary Mining Claim	2021-01-28	200	0
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268927	RANGER, WILLANS	Single Cell Mining Claim	2021-03-04	400	400
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280308	RANGER, WILLANS	Boundary Mining Claim	2021-03-04	200	800
280309	RANGER, WILLANS	Boundary Mining Claim	2021-01-28	200	0
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101419	WILLANS	Boundary Mining Claim	2021-09-29	200	0
101420	WILLANS	Boundary Mining Claim	2021-09-29	200	0
101779	WILLANS	Single Cell Mining Claim	2021-04-21	400	0
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102132	WILLANS	Single Cell Mining Claim	2021-04-21	400	3396
102133	WILLANS	Single Cell Mining Claim	2021-09-29	400	3600
112774	WILLANS	Single Cell Mining Claim	2021-08-05	400	0
116102	WILLANS	Single Cell Mining Claim	2021-01-28	400	5627
116103	WILLANS	Single Cell Mining Claim	2021-04-21	400	400
116104	WILLANS	Boundary Mining Claim	2021-04-21	200	0
116276	WILLANS	Single Cell Mining Claim	2021-04-21	400	0
116326	WILLANS	Boundary Mining Claim	2021-08-05	200	0
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116739	WILLANS	Single Cell Mining Claim	2021-09-29	400	0
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121668	WILLANS	Single Cell Mining Claim	2021-03-04	400	4900

123011	WILLANS	Boundary Mining Claim	2021-08-05	200	0
123043	WILLANS	Boundary Mining Claim	2021-08-05	200	0
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158924	WILLANS	Single Cell Mining Claim	2021-04-21	400	5286
160818	WILLANS	Single Cell Mining Claim	2021-03-04	400	4700
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161545	WILLANS	Boundary Mining Claim	2021-04-21	200	0
161640	WILLANS	Single Cell Mining Claim	2021-08-05	400	0
164913	WILLANS	Single Cell Mining Claim	2021-09-29	400	2600
165541	WILLANS	Single Cell Mining Claim	2021-03-04	400	400
166315	WILLANS	Single Cell Mining Claim	2021-03-04	400	4700
167648	WILLANS	Single Cell Mining Claim	2021-08-05	400	0
167649	WILLANS	Boundary Mining Claim	2021-08-05	200	0
167650	WILLANS	Boundary Mining Claim	2021-08-05	200	0
177753	WILLANS	Single Cell Mining Claim	2021-04-21	400	2000
179017	WILLANS	Single Cell Mining Claim	2021-09-29	400	0
179086	WILLANS	Boundary Mining Claim	2021-03-04	200	5100
179667	WILLANS	Single Cell Mining Claim	2021-03-04	400	4788
180441	WILLANS	Single Cell Mining Claim	2021-08-05	400	0
180442	WILLANS	Boundary Mining Claim	2021-08-05	200	0
185816	WILLANS	Single Cell Mining Claim	2021-08-05	400	0
194164	WILLANS	Single Cell Mining Claim	2021-04-21	400	10600
194165	WILLANS	Single Cell Mining Claim	2021-04-21	400	10200
197540	WILLANS	Boundary C Mining Claim	2021-08-05	200	0
199203	WILLANS	Boundary Mining Claim	2021-08-05	200	0
205014	WILLANS	Boundary Mining Claim	2021-08-05	200	0
208294	WILLANS	Boundary Mining Claim	2021-02-12	200	0
212801	WILLANS	Boundary Mining Claim	2021-01-28	200	0
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214186	WILLANS	Single Cell Mining Claim	2021-03-04	400	4900
215756	WILLANS	Boundary Mining Claim	2021-04-21	200	0
224840	WILLANS	Single Cell Mining Claim	2021-04-21	400	8600
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231582	WILLANS	Single Cell Mining Claim	2021-04-21	400	0
231625	WILLANS	Single Cell Mining Claim	2021-09-29	400	5000
232955	WILLANS	Boundary Mining Claim	2021-03-04	200	5100
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234327	WILLANS	Single Cell Mining Claim	2021-08-05	400	0
234367	WILLANS	Single Cell Mining Claim	2021-08-05	400	0

246405 WILLANS Boundary Mining Claim 2021-08-05 200 0 253866 WILLANS Single Cell Mining Claim 2021-08-05 400 0 260791 WILLANS Single Cell Mining Claim 2021-04-21 400 10465 261572 WILLANS Boundary Mining Claim 2021-09-29 200 0 263521 WILLANS Boundary Mining Claim 2021-02-12 400 0 266235 WILLANS Single Cell Mining Claim 2021-01-28 200 0 268258 WILLANS Single Cell Mining Claim 2021-01-28 200 0 268292 WILLANS Single Cell Mining Claim 2021-03-04 400 400 268929 WILLANS Single Cell Mining Claim 2021-03-04 400 400 269552 WILLANS Single Cell Mining Claim 2021-03-04 400 0 270977 WILLANS Boundary Mining Claim 2021-08-05 200 0 277677 WILLANS Single Cell Mining C	234368	WILLANS	Boundary Mining Claim	2021-08-05	200	0
260791 WILLANS Single Cell Mining Claim 2021-04-21 400 10465	246405	WILLANS	Boundary Mining Claim	2021-08-05	200	0
261572 WILLANS Boundary Mining Claim 2021-09-29 200 0 263521 WILLANS Boundary Mining Claim 2021-08-05 200 0 266235 WILLANS Single Cell Mining Claim 2021-02-12 400 0 268258 WILLANS Boundary Mining Claim 2021-01-28 200 0 268292 WILLANS Single Cell Mining Claim 2021-03-04 400 400 268928 WILLANS Single Cell Mining Claim 2021-03-04 400 400 268929 WILLANS Single Cell Mining Claim 2021-03-04 400 400 269952 WILLANS Single Cell Mining Claim 2021-03-04 400 400 270976 WILLANS Boundary Mining Claim 2021-09-29 400 0 270977 WILLANS Boundary Mining Claim 2021-08-05 200 0 272677 WILLANS Single Cell Mining Claim 2021-08-05 400 0 280310 WILLANS Single Cell Mining Clai	253866	WILLANS	Single Cell Mining Claim	2021-08-05	400	0
263521 WILLANS Boundary Mining Claim 2021-08-05 200 0 266235 WILLANS Single Cell Mining Claim 2021-02-12 400 0 268258 WILLANS Boundary Mining Claim 2021-01-28 200 0 268292 WILLANS Single Cell Mining Claim 2021-04-21 400 9600 268928 WILLANS Single Cell Mining Claim 2021-03-04 400 400 268929 WILLANS Single Cell Mining Claim 2021-03-04 400 400 268952 WILLANS Single Cell Mining Claim 2021-03-04 400 400 269552 WILLANS Single Cell Mining Claim 2021-08-05 200 0 270976 WILLANS Boundary Mining Claim 2021-08-05 200 0 272677 WILLANS Single Cell Mining Claim 2021-08-05 400 0 2727670 WILLANS Single Cell Mining Claim 2021-01-28 400 0 280311 WILLANS Single Cell Min	260791	WILLANS	Single Cell Mining Claim	2021-04-21	400	10465
266235 WILLANS Single Cell Mining Claim 2021-02-12 400 0 268258 WILLANS Boundary Mining Claim 2021-01-28 200 0 268292 WILLANS Single Cell Mining Claim 2021-03-04 400 9600 268928 WILLANS Single Cell Mining Claim 2021-03-04 400 400 268929 WILLANS Single Cell Mining Claim 2021-09-29 400 0 269552 WILLANS Boundary Mining Claim 2021-08-05 200 0 270976 WILLANS Boundary Mining Claim 2021-08-05 200 0 270977 WILLANS Single Cell Mining Claim 2021-08-05 200 0 273700 WILLANS Single Cell Mining Claim 2021-08-05 400 0 280310 WILLANS Single Cell Mining Claim 2021-01-28 400 0 280311 WILLANS Single Cell Mining Claim 2021-01-24 400 0 280985 WILLANS Single Cell Mining C	261572	WILLANS	Boundary Mining Claim	2021-09-29	200	0
268258 WILLANS Boundary Mining Claim 2021-01-28 200 0 268292 WILLANS Single Cell Mining Claim 2021-04-21 400 9600 268928 WILLANS Single Cell Mining Claim 2021-03-04 400 400 269529 WILLANS Single Cell Mining Claim 2021-03-04 400 0 269552 WILLANS Single Cell Mining Claim 2021-09-29 400 0 270976 WILLANS Boundary Mining Claim 2021-08-05 200 0 270977 WILLANS Boundary Mining Claim 2021-08-05 200 0 272677 WILLANS Single Cell Mining Claim 2021-08-05 400 0 280310 WILLANS Single Cell Mining Claim 2021-01-28 400 0 280311 WILLANS Single Cell Mining Claim 2021-04-21 400 0 280343 WILLANS Single Cell Mining Claim 2021-04-21 400 9600 280985 WILLANS Single Cell Minin	263521	WILLANS	Boundary Mining Claim	2021-08-05	200	0
268292 WILLANS Single Cell Mining Claim 2021-04-21 400 9600 268928 WILLANS Single Cell Mining Claim 2021-03-04 400 400 268929 WILLANS Single Cell Mining Claim 2021-03-04 400 400 269552 WILLANS Single Cell Mining Claim 2021-09-29 400 0 270976 WILLANS Boundary Mining Claim 2021-08-05 200 0 270977 WILLANS Boundary Mining Claim 2021-08-05 200 0 272677 WILLANS Single Cell Mining Claim 2021-08-05 400 0 273700 WILLANS Single Cell Mining Claim 2021-02-12 400 0 280310 WILLANS Single Cell Mining Claim 2021-02-12 400 0 280311 WILLANS Single Cell Mining Claim 2021-04-21 400 0 280343 WILLANS Single Cell Mining Claim 2021-04-21 400 4728 281634 WILLANS Single Cell	266235	WILLANS	Single Cell Mining Claim	2021-02-12	400	0
268928 WILLANS Single Cell Mining Claim 2021-03-04 400 400 268929 WILLANS Single Cell Mining Claim 2021-03-04 400 400 269552 WILLANS Single Cell Mining Claim 2021-09-29 400 0 270976 WILLANS Boundary Mining Claim 2021-08-05 200 0 270977 WILLANS Boundary Mining Claim 2021-08-05 200 0 272677 WILLANS Single Cell Mining Claim 2021-08-05 400 0 273700 WILLANS Single Cell Mining Claim 2021-08-05 400 0 280311 WILLANS Single Cell Mining Claim 2021-01-28 400 0 280343 WILLANS Single Cell Mining Claim 2021-04-21 400 9600 280985 WILLANS Single Cell Mining Claim 2021-03-04 400 4728 281634 WILLANS Boundary Mining Claim 2021-09-29 200 0 282266 WILLANS Single Cell Min	268258	WILLANS	Boundary Mining Claim	2021-01-28	200	0
268929 WILLANS Single Cell Mining Claim 2021-03-04 400 400 269552 WILLANS Single Cell Mining Claim 2021-09-29 400 0 270976 WILLANS Boundary Mining Claim 2021-08-05 200 0 270977 WILLANS Boundary Mining Claim 2021-08-05 200 0 272677 WILLANS Single Cell Mining Claim 2021-08-05 400 0 273700 WILLANS Single Cell Mining Claim 2021-02-12 400 0 280310 WILLANS Single Cell Mining Claim 2021-01-28 400 0 280311 WILLANS Single Cell Mining Claim 2021-04-21 400 960 280343 WILLANS Single Cell Mining Claim 2021-04-21 400 960 280985 WILLANS Single Cell Mining Claim 2021-03-04 400 4728 281634 WILLANS Single Cell Mining Claim 2021-03-04 400 4900 282266 WILLANS Single Cel	268292	WILLANS	Single Cell Mining Claim	2021-04-21	400	9600
269552 WILLANS Single Cell Mining Claim 2021-09-29 400 0 270976 WILLANS Boundary Mining Claim 2021-08-05 200 0 270977 WILLANS Boundary Mining Claim 2021-08-05 200 0 272677 WILLANS Single Cell Mining Claim 2021-08-05 400 0 273700 WILLANS Single Cell Mining Claim 2021-02-12 400 0 280310 WILLANS Single Cell Mining Claim 2021-01-28 400 0 280311 WILLANS Single Cell Mining Claim 2021-04-21 400 9 280343 WILLANS Single Cell Mining Claim 2021-04-21 400 9600 280985 WILLANS Single Cell Mining Claim 2021-03-04 400 4728 281634 WILLANS Boundary Mining Claim 2021-03-04 400 4900 282267 WILLANS Single Cell Mining Claim 2021-08-05 200 0 283634 WILLANS Boundary Mining	268928	WILLANS	Single Cell Mining Claim	2021-03-04	400	400
270976 WILLANS Boundary Mining Claim 2021-08-05 200 0 270977 WILLANS Boundary Mining Claim 2021-08-05 200 0 272677 WILLANS Single Cell Mining Claim 2021-08-05 400 0 273700 WILLANS Single Cell Mining Claim 2021-02-12 400 0 280310 WILLANS Single Cell Mining Claim 2021-04-21 400 0 280311 WILLANS Single Cell Mining Claim 2021-04-21 400 0 280343 WILLANS Single Cell Mining Claim 2021-04-21 400 9600 280985 WILLANS Single Cell Mining Claim 2021-03-04 400 4728 281634 WILLANS Boundary Mining Claim 2021-03-04 400 4900 282266 WILLANS Single Cell Mining Claim 2021-03-04 400 4900 283634 WILLANS Boundary Mining Claim 2021-08-05 200 0 290418 WILLANS Single Mining Cl	268929	WILLANS	Single Cell Mining Claim	2021-03-04	400	400
270977 WILLANS Boundary Mining Claim 2021-08-05 200 0 272677 WILLANS Single Cell Mining Claim 2021-08-05 400 0 273700 WILLANS Single Cell Mining Claim 2021-02-12 400 0 280310 WILLANS Single Cell Mining Claim 2021-01-28 400 0 280311 WILLANS Single Cell Mining Claim 2021-04-21 400 9 280343 WILLANS Single Cell Mining Claim 2021-04-21 400 9600 280985 WILLANS Single Cell Mining Claim 2021-03-04 400 4728 281634 WILLANS Boundary Mining Claim 2021-09-29 200 0 282266 WILLANS Single Cell Mining Claim 2021-03-04 400 4900 283634 WILLANS Bingle Mining Claim 2021-08-05 200 0 290418 WILLANS Boundary Mining Claim 2021-08-05 200 0 297650 WILLANS Boundary Mining Claim	269552	WILLANS	Single Cell Mining Claim	2021-09-29	400	0
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	341974	WILLANS	Boundary Mining Claim	2021-04-21	200	0

3 Previous Work

A summary of the Ontario Geological Survey Mineral Deposit Inventory (MDI) points for the Gullrock Lake property is included in Table 2. A chronologic review of the assessment work performed on the property follows.

Table 2 - MDI points for the Gullrock Lake property. Figure 4 shows the locations of these MDI points.

Map #	Category	MDI Name	Commodity	Geology	Work done	Notes
1	occurrence	MDI52N04SE00137 Fox Farm West	Au, Ag	Balmer tholeiitic basalts, sulphide facies iron formation and quartz-carb veins	8 holes totalling 204.3 m drilled 1947-1949; MMI; airborne magnetics; ground HLEM, VLF, IP	Anomalous Ag, quartz-carbonate alteration and primary layering controlled massive to semi-massive sulphides
2	occurrence	MDI52N04SE00175 Ashford-Sanden	U	Foliated granodiorite- granite	prospecting	grab -1.5% U2O8 - autenite & torbernite tentatively ID'd
3	discretionary occurrence	MDI52N04SE00004 Northold	Au	Balmer tholeiitic basalts & quartz- carb veins; several sulphide species noted	2 short holes no values, pit	quartz-carbonate alteration and primary layering controlled massive to semi-massive sulphides
4	occurrence	MDI52K13NE00003 Fox Farm Occurrence	Au	Amphibolitized mafic metavolcanic rocks with quartz and quartz-carbonate veins up to 2m wide	15 holes totalling 925.1 m in 1960 & 1965, trenching, Mag, HLEM. EM	no assays recorded, however significant quartz and quartz- carbonate veins reported

The earliest work completed, by J.Gordon, on the Gullrock Lake property were three drill holes, W1-1 to W1-3 on the east shore of Gullrock Lake in 1947. The holes intersected volcanic rocks, locally containing pyrite, pyrrhotite and chalcopyrite. Silicification is reported at the bottom of Hole W1-3. Two follow-up holes, (W2-1, W2-2) intersected mafic volcanic and greywacke lithologies. No gold values are reported in the logs (Gordon, 1947).

Conquest Exploration Limited completed 12 hand dug trenches and 10 drill holes (587 m) in 1960 on the cells 280311 and 231582 at the Fox Farm occurrence. No results reported (Conquest Exploration ltd, 1960).

Gullrock Mining Corporation, in 1965, carried out a ground magnetometer and max-min survey that covered the south western portion of the property (Clark, 2006).

The International Nickel Company drilled and airborne conductor on cell 281634 in 1966. A mix of sedimentary and granitic rocks were intersected with no assay data reported (The International Nickel Co. of Canada Ltd., 1966).

Northholt Mining Corporation drilled three holes in 1966. No significant results (Northolt Mining Corp., 1966).

Selco Mining Corporation drilled a single drill hole to test a VLF conductor in the same area as the Northholt 1966 drilling. No significant results reported (Selco Mining Corp., 1980).

Dome Exploration (Canada) Ltd. carried out electromagnetic and magnetometer surveys over the southeastern part of the current property in 1979. Four holes, (W17 series) were drilled to test conductors with coincident magnetic anomalies. No economically significant mineralization is reported (Dome Exploration Ltd., 1980).

Hemlo Gold Mines Ltd. carried out geological mapping, soil geochemistry, and magnetic surveys over the northeastern half of the property in 1993. There is a weak arsenic anomaly with no follow-up was carried out (McDougall, 1993).

Lucero Resource Corp. completed conducted 76.3 kilometers of line cutting and 56.8 kilometers of grid mapping and sampling plus VLF-EM, magnetometer survey

and 18 km of dipole-dipole IP suveys were carried out. No significant assay values were obtained (Roach, 1997).

In December 2003 Terraquest Ltd., on behalf of Crossroads Exploration Inc., flew a fixed wing, 306 line-km airborne magnetic survey (Nelson, 2005). This was followed by 310 hole small diameter overburden drill programs (1195 m) to test for gold grain in the basal till and to sample the bedrock in the south eastern corner of the property in 2004 (Busch, 2004). No significant gold results were obtained. Prospecting was undertaken again in 2006 over airborne conductors on the east side of the property (Clark, 2006).

Rupert Resources Ltd. completed a ground magnetic survey (58 km) and two diamond drill holes (343 m) over Gullrock Lake on the western side of the property on cells 272677, 205014, 123045 and 234367. Sulphide iron formation plus zones of moderate alteration silicification, and seritization were encountered (Kowalski, 2005).

Murgor Resources Inc. contracted AeroQuest to fly a 420 line-km gradient magnetic survey over the property in 2010 (AeroQuest, 2010). This was followed by a 40-line kilometer IP survey, in the northwestern portion of the property (Dubois, 2010). A prospecting program followed to investigate IP anomalies (Salo et al., 2012).

Alexandria Minerals Corporation completed a 4-hole diamond drill program (totalling 1308 m) to evaluate IP anomalies in 2012. Interesting alteration and structures were encountered but no significant gold assays (Clark, 2017).

Table 3 - Gold production in the Red Lake District to September 30, 2019. (Paterson, 2020).

MINE	PERIOD	TONS	TROY OUNCES	GRADE GPT
Red Lake Gold Mines	2006–present	10,093,122	6 194 290	21. 84
Campbell Mine	1949–2006	19,944,241	11 216 443	17.49
Goldcorp (Dickenson)	1948–2006	8,715,228	5 962 948	21.28
Madsen	1938 - 76, 1997_99	7,872,679	2 452 388	9.69
Cochenour-Willans	1939–1971	2,096,654	1 244 279	18.46
McKenzie Red Lake	1935–1966	2,135,361	651 156	9.48
Howey	1930–1941, 1957	4,200,972	421 592	3.12
Hasaga	1938–1952	1,374,641	218 213	4.94
Starratt Olsen	1948–1956	823,554	163 990	6.19
Berens River	1939–1948	508,574	157 341	9.62
Uchi	1939–1943	686,806	114 467	5.18
Jason (Argosy)	1934–1952	250,903	101 875	12.63
H.G. Young	1960–1963	261,432	55 244	6.57
Sachigo River	1938–1941	42,145	52 560	38.79
McMarmac	1940–1948	138,779	45 246	10.14
Gold Eagle	1937–1941	163,379	40 204	7.65
Jackson Manion	1934–1940	95,578	27 142	8.83
Red Lake Gold Shore	1936–1938	78,320	21 100	8.38
Phoenix	2015	57,793	4906	2.64
Hudson Patricia	1936–1937	10,186	1857	5.67
Buffalo	1981–1982	29,017	1656	1.78
Abino	1985–1986	2,479	1397	17.53
Lake Rowan	1986–1988	11,814	1298	3.42
Kostynuk Brothers	1963–1966	577	1126	60.70
Mount Jamie	1976	882	377	13.30
Bobjo	1929	N/A	362 (10)	N/A
Bathurst	1927–1937	510	307	18.73
Red Summit	1935–1936	536	277	16.07
Sol d'Or	1933–1936	415	258	19.31
TOTALS		58,324,578	29 153 937	15.55

4 Regional Geology

The Gullrock Lake property is located within the Red Lake Greenstone Belt (RLGB) of the Archean Superior Province craton of the Canadian Shield. The RLGB is approximately 50 km by 40 km and comprises 2.99-2.70 Ga deformed and metamorphosed supracrustal (volcanic and sedimentary) rocks surrounded by three main granitoid batholiths (Figure 3).

The RLGB is consists of three major volcanic assemblages: the Balmer, Woman and Confederation. The Balmer Assemblage hosts all the major producing and past-producing gold mines in the Red Lake area. It consists mainly of tholeitic to komatiitic flows, sills and sub-volcanic intrusions, with lesser abundance of iron formation, rhyolitic flows and associated pyroclastic, and clastic sedimentary rock. The supracrustal rocks have been intruded by a number of intrusive bodies including serpentinized peridotite, gabbro, diabase, and small felsic dykes and stocks, eg; Dome and Mackenzie stocks.

The younger (2.74-2.71 Ga), calc-alkaline sequence Confederation Assemblage unconformably overlies the Balmer Assemblage. Recently, the gold-bearing potential of the Confederation Assemblage rocks has been illustrated by Great Bear's Dixie discoveries.

Deformation plays a central role in the localization of gold in both the Balmer and Confederation rock packages. Second generation folds in the Balmer Group equate to first generation folds in the Confederation Assemblage and closures of these folds have been shown to have a strong spatial/temporal relationship to gold mineralization (Dubé et al. 2004) in both environments, though earlier mineralization has also been documented in the Balmer Group at the Madsen. The intersection of the Cochenour-Gullrock and East Bay deformation zones is the locus of intense carbonate and quartz-carbonate alteration associated with gold mineralization at the Campbell, Red Lake and Cochenour-Willans mines. Mineralization in the Confederation Assemblage hosting Dixie property is associated with both a fold closure (Hinge Zone) and with a broad, deep-seated deformation zone, the LP Fault.

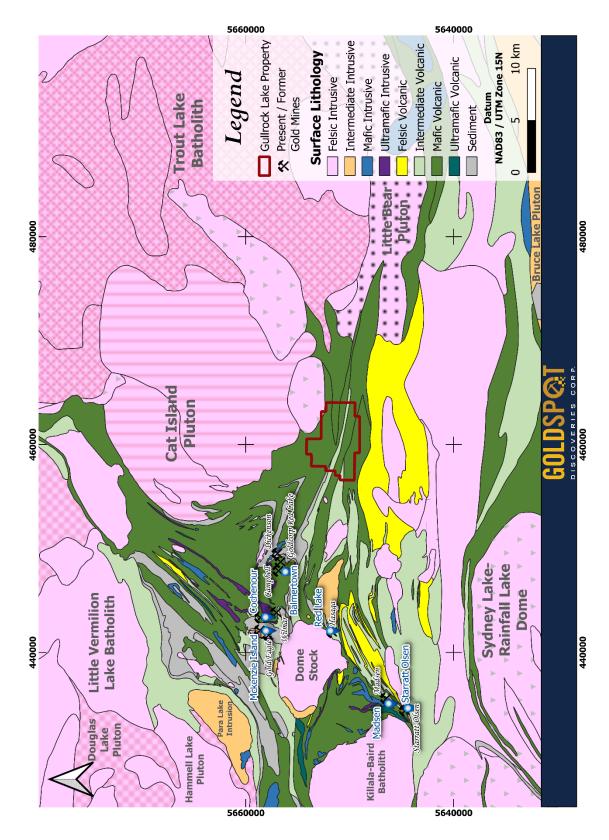


Figure 3 - Regional Geology of the Gullrock Lake Property (red outline). After Sanborn-Barrie et al. (2004)

5 Property Geology

The Gullrock Lake property is underlain by massive to pillowed, locally variolitic basaltic flows (Figure 4, Figure 5). Outcrop is scarce on the northern part of the Gullrock Lake property. Chemical and clastic metasedimentary rocks have been intersected in drill holes with rare outcrops. They consist of minor silicate, oxide and sulphide iron formation, greywacke, and mafic volcaniclastic horizons varying in thickness from less than 1.0 m to 150 m, interbedded with the mafic volcanic flow lithologies. These units have been extensively intruded by concordant to sub-concordant massive to weakly foliated, locally schistose gabbroic sills. Meter-scale feldspar +/- quartz dykes have also been noted in outcrop. Dubé et al (2004) trace the regional unconformity through the southern portion of the property inferring that the Balmer Assemblage, which hosts the ore of the Red Lake gold mines, is present on the property.

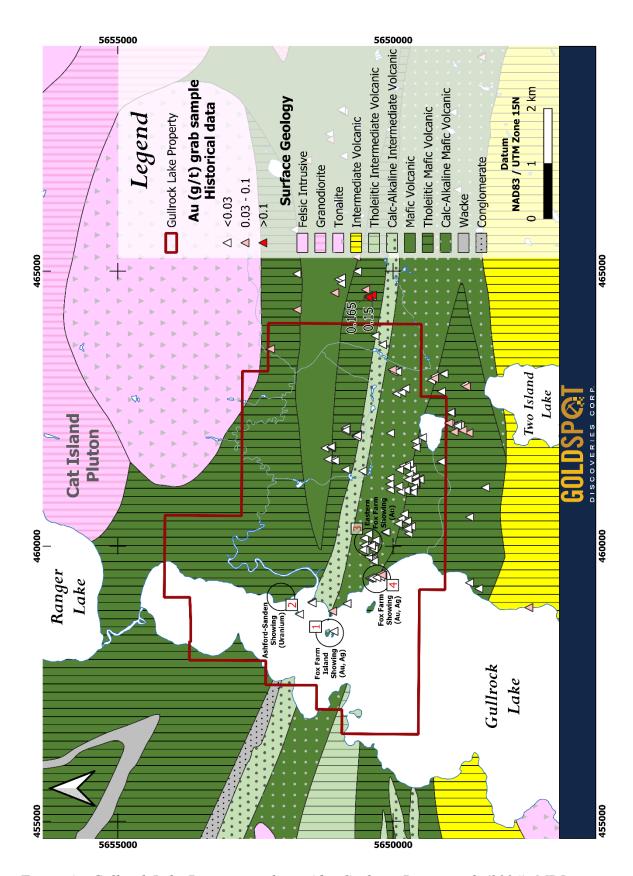


Figure 4 – Gullrock Lake Property geology. After Sanborn-Barrie et al. (2004). MDI points named and numbered as in Table 3-1.

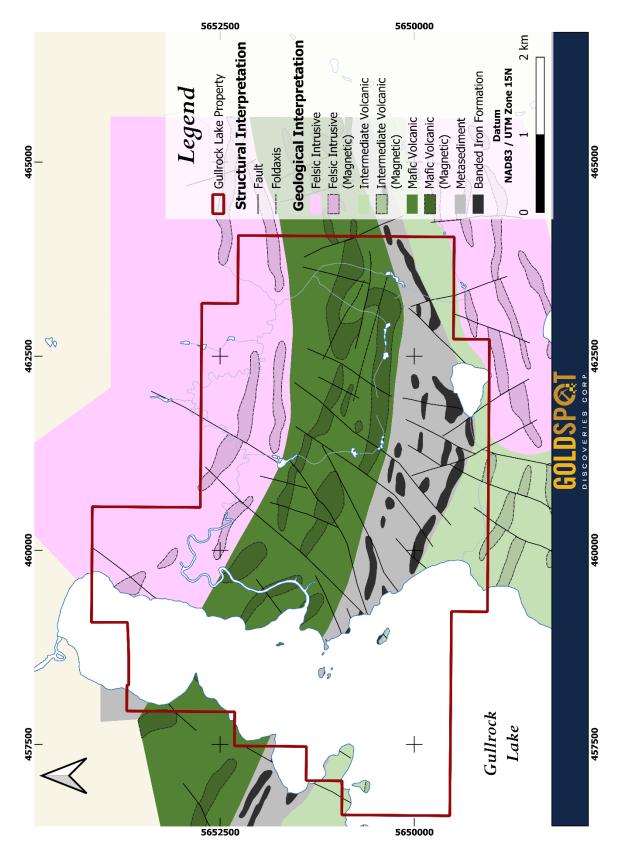


Figure 5 - Geological Interpretation from GoldSpot's geophysicist based on Pacton's 2020 Geophysical Survey

6 Work Program

During the period from August 18th to 23rd, a field mapping and prospecting program was initiated on the Gullrock Lake property. The goals of the work program were to locate known mineral occurrences and map any outcrops encountered, confirming, or updating previous mapping performed in the area, and to collect grab samples for geochemical analysis.

The property was accessed primarily by boat as key stream crossings on forestry roads to the east of the property were absent. Traverses were pre-planned the day before using satellite imagery and compiled historic data. Outcrops were mapped for lithology, alteration, mineralization, and structure.

Geotools were used where necessary to strip moss from outcrop and hammer and chisel to collect grab samples. Field observations were made and recorded in field books and a rugged tablet. Results are included in 2 maps in Appendix 1. Analytical certificates and outcrop data can be found in Appendix 2 & 3 respectively.

A total of 17 samples (Table 4) were collected and submitted SGS Laboratories in Red Lake, Ontario for geochemical analysis. Analyses included:

- 30 g Au Fire Assay with an Atomic Absorption finish;
- Gravimetric re-assay for assays greater than 10 g Au in FAA;
- 34 multi-element ICP-OES analysis.

Daily Field Log

August 17, 2020

Mobilization of team of 3 people (A. Tims, K. Halama, N. Buchanan) from Thunder Bay to Red Lake Ontario. The team had been previously evacuated to Thunder Bay as the result of the 2020 forest fire 049.

August 18, 2020

Boated from Five Lakes Lodge to Fox Farm West showing on an island in Gullrock Lake on claim 205014. Located evidence of a drill setup and a cut line. Mapped outcrops around the island noting massive and pillowed mafic volcanic rocks. Identified centimetre-scale quartz

veinlets (sample 253425 submitted for assay). Boated north to the Ashford-Sanden occurrence where unaltered massive granite outcrops were mapped. This observation is more consistent with the interpreted geology from geophysics shown in Figure 5 than in the regional mapping shown in Figure 4. Cruised south noting the low swampy terrain and lack of outcrop. Landed on beach near the Fox Farm occurrence and traversed to the MDI plot point. No evidence of outcrop seen but 34 m to the west a 'T' shaped trench was located on cell 234481. A 3 cm wide cross cutting quartz vein with a 50 cm wide sericite-garnet-diopside halo was sampled (samples 253426, 253427 & 253428).

August 20, 2020

Boated from Five Lakes Lodge to beach near the Fox Farm East occurrence. The traverse on cell 234280 passed over a 60 m wide strong magnetic high shown to have been tested by two drill holes from 1966 era. The magnetic high was cover by overburden in an open birch forest. Two piles of collapsed drill core stacks (Photo 1) were encountered and sampled (253422 & 253423) as well as a chlorite altered mafic tuff (253432) cut by quartz-ankerite veinlets.



Photo 1 – Piles of collapsed drill core stacks from 1966 era.

Traverse continued to Fox Farm East occurrence. The MDI location was devoid of any mineralization. An ankeritized shear zone or possible interflow-sedimentary rock (Photo 2), was located 80 m to the southwest. Three samples were taken (253424, 253430 & 253433) on claim cell 234279.



Photo 2 - Interflow sedimentary rock interbedded with mafic volcanic flow.

The return leg of the traverse utilized a cutline, 101E, to access the area of the Northolt occurrence also on claim cell 234279. The Northholt area is highlight by an easily recognizable drill trail, pit and trenches and a drill collar. One pit with accessible outcrop exposes a 145 cm polyphase quartz vein with a silica halo greater than 20 cm. The vein hosted 1-2% disseminated pyrite, trace galena and chalcopyrite. All other historic excavations have degraded and are buried under blow-down, with no bedrock exposed.

August 21, 2020

Boated from Five Lakes Lodge to near the southern boundary of the property and traversed east for 650 m through very low swampy ground before encountering the first outcrop on claim cell 234282. A trench was located on claim cell 179017 exposing sulphide iron formation and associated greywacke and argillite. A chip sample was taken from along the outcrop in the trench (253435).

August 22, 2020

Halama and Buchanan accessed the property from the east along the Chukuni River forestry road. Trails from the road into the property were in good shape but end on both the north and south splits at stream crossings where the bridges had been removed. The width and flow of water prevented crossing the stream by ATV or by foot. Prospecting was done on either side of the access route. Primarily mafic volcanic lithologies were encountered with one felsic

volcanic outcrop and one of medium-grained intermediate granodiorite outcrop mapped. Three samples were taken (253291, 253292, 253293) for assay (Photo 3).



Photo 3 - Sampling a quartz vein in mafic volcanic outcrop.

August 23, 2020

Halama and Buchanan boated from Five Lakes Lodge to the northern portion of the property and up the meandering stream entering Gullrock Lake from the northeast. A travers was made over a topographic high to check for outcrop. No outcrops were located.

August 25, 2020

Halama and Buchanan retrieved the ATV's from the Chukuni River road and delivered samples to SGS Laboratories. Demobilization from Red Lake to Thunder Bay for all three crew members.

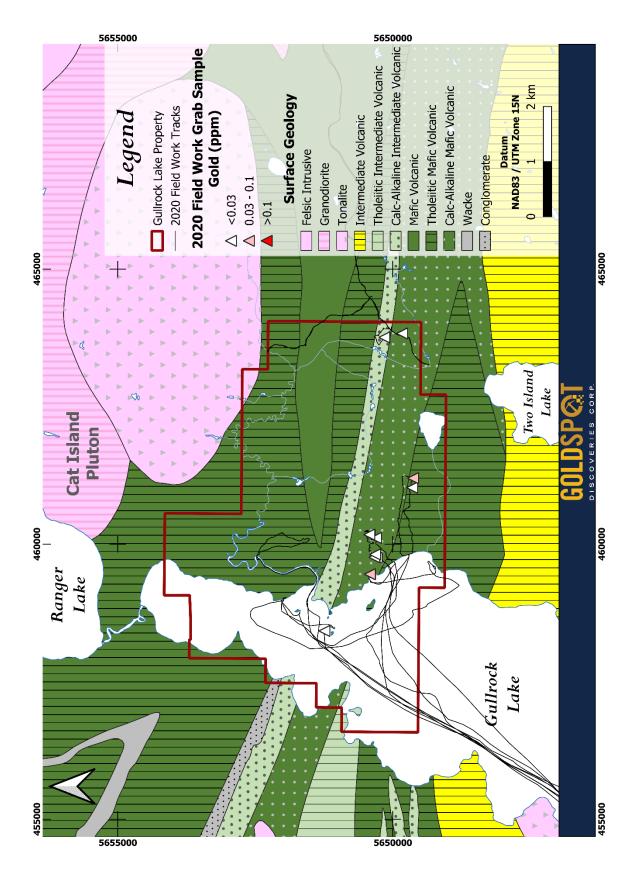


Figure 6 - 2020 GPS tracks from field work and rock samples of Gullrock Lake Property. Geology after Sanborn-Barrie et al. (2004).

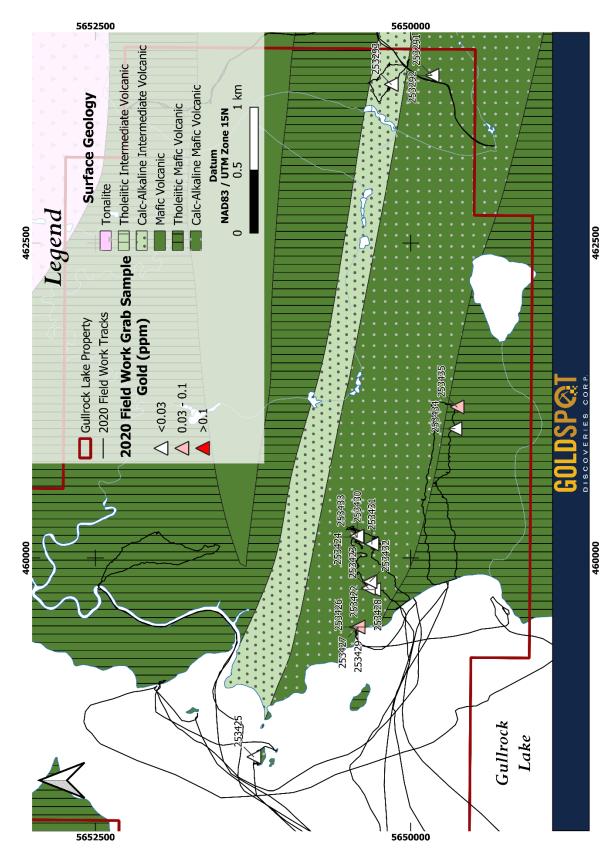


Figure 7 - Rock sample IDs of Gullrock Lake Property. Geology after Sanborn-Barrie et al. (2004).

Table 4 - Sample descriptions, location and assay results for gold.

Date	Station_ID	UTM_E	UTM_N	Rock_type	SampleID	Au (ppm)	Showing	Comments
2020-08-22	GR502A	463829	5649831	Felsic tuf	253291	<0.005		Pinkish coloured weathered surface. Mm-scale laminations. High quartz content, primary. Blebby py <0.5%. Moderately foliated.
2020-08-22	GR502B	463829	5649831	Mafic tuf	253292	<0.005		Dk green-grey weathered surface. Cm-scale banding with interbeds of mm-scale layers of 502A rock. Some layers are more erosional than others, higher BI content. Moderately foliated. Sulphides within felsic layers.
2020-08-22	GR503	463758	5650154	Mafic volc	253293	< 0.005		Weakly foliated, wk-tr Fe staining on surface.
2020-08-20	Corel	459750	5650293	Mafic volc	253422	0.006		Sampled pile of DDH core. Banded mafic tuff with rare qz-ank veinlets, tr-1/2 Py, centimetre-scale Bi rich bands
2020-08-20	Core2	459761	5650336	Mafic volc	253423	<0.005		Sampled pile of DDH core, Banded mafic tuff with rare qz-ank veinlets, tr-1/2 Py
2020-08-20	GR007a	460167	5650422	Mafic tuf	253424	<0.005	Eastern Fox Farm Showing	Hanging wall Mv
2020-08-18	GR001	458422	5651244	Mafic volc	253425	0.006	Fox Farm Island Showing,	Centimetre-scale Qv,DDH intercept under lake
2020-08-18	GR004	459453	5650417	Mafic volc	253426	<0.005	Fox Farm Showing	Hanging wall, to historical trench, unaltered mafic tuff,adjacent to granite dyke
2020-08-18	GR004	459453	5650417	Mafic volc	253427	0.008	Fox Farm Showing	35 cm wide, strong sericite, limonitic staining. 3-5% py
2020-08-18	GR004	459453	5650417	Mafic volc	253428	< 0.005	Fox Farm Showing	2-3 cm wide boudin grey qv, 1-2% py in host sericite schist
2020-08-18	GR004	459453	5650417	Mafic volc	253429	0.041	Fox Farm Showing	15-20 cm skarn-like alteration, garnet, tremolite, diopside
2020-08-20	GR007b	460171	5650423	Mafic tuf	253430	0.008	Eastern Fox Farm Showing	10 m Shear Zone, 2-5% dissemianted Py with weak Ank, bulk of shear is buried between 2 o/c
2020-08-20	GR008	460112	5650308	Quartz vein	253431	<0.005	NorthHolt Occurrence	Light Grey Qv, numerous pits, ddh casings@028°/44°, deep ovb, 2-3% dis Py, tr Gn
2020-08-20	GR005	459813	5650323	Mafic tuf	253432	0.007		

Date	Station_ID	UTM_E	UTM_N	Rock_type	SampleID	Au (ppm)	Showing	Comments
2020-08-20	GR007c	460173	5650428	Sediment	253433	0.005	Eastern Fox Farm Showing	Fine-grained, weakly bleached footwall sediments
2020-08-21	GR011	461026	5649649	Mafic tuff	253434	0.011		Series of metre-scale granodiorite dykes @ 248°/46°, trace-1/2% diss Py in Mv
2020-08-21	GR013	461199	5649632	Iron Form	253435	0.038		Sericitic alt th-o, Wacke w 2-3% Py, Argillite 5-6Py, tr Po, SMS 20% Po& 10% Py

7 CONCLUSION AND RECOMMENDATIONS

The work program located and sampled the known showings. Gold assay results were unremarkable. This is mirrored by the absence of quartz-ankerite alteration, arsenopyrite mineralization and ultramafic lithologies observed during the traverses. The interpreted trend of the regional unconformity that is spatially associated with gold mineralization in the Red Lake camp is to the north of where this work program focused. If the interpretation is correct this work program focused primarily on the Confederation Assemblage. The more prospective Balmer Assemblage is in the northern portion of the property under substantial glacial and glacial-fluvial cover. Historical work has highlighted geochemical anomalies both in soils and rock samples in the area north of Orie Lake. This target area requires further investigation. The deep overburden in the northwest portion of the property will present challenges in delineating the mineral potential.

Proposed Budget

Prospecting

TOTAL	\$306,900
Contingency (10%)	27,900
IP target coverage -infill to 25 m	22,000
Blanket coverage @ 50m	45,000
MMI Soil Survey over grid	
Deep 3D IP – 23 line km	138,000
Grid 200 X1500 m X $16 = 34$ km	64,000
Geophysical Survey	
Two person crew – 5 days	10,000
Tospecing	

8 SUMMARY OF EXPENSES

A summary of expenses for the work included in this assessment report is included in Table 4.

Table 5 - Summary of Expenses

Туре	Expense
Geological Consultants (20 man days x 1000\$ per day)	\$20,000.00
Supplies and Equipment Rental	\$702.17
Food and Lodging	\$465.26
Transportation to/from Mining Lands	\$1,482.62
Geochemical Analysis	\$589.05
Total	\$23,239.10

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10 STATEMENT OF QUALIFICATIONS

I, Andrew A. B. Tims, of 317 Sillesdale Cr., Thunder Bay Ontario hereby certify that:

- 1.) I am the co-author of this report.
- 2.) I graduated from Carleton University, in Ottawa, with a Bachelor of Science Degree in Geology (1989).
- 3.) I possess a lifetime prospector's license and have been practising my profession in mineral exploration industry for the past 35 years.
- 4.) I am a practicing member of the Association of Professional Geoscientist of Ontario as well as a Fellow of the Geological Association of Canada.

Thunder Bay, Ontario

Andrew Tims, P.Geo

Andreline

January 15, 2021

Northern Mineral Exploration Services

- I, Kacper Halama, of 44 Jameson Cres., Brampton Ontario hereby certify that:
- 1.) I am the co-author of this report.
- 2.) I graduated from Acadia University, in Wolfville Nova Scotia, with a Bachelor of Science Degree in Geology (2012).

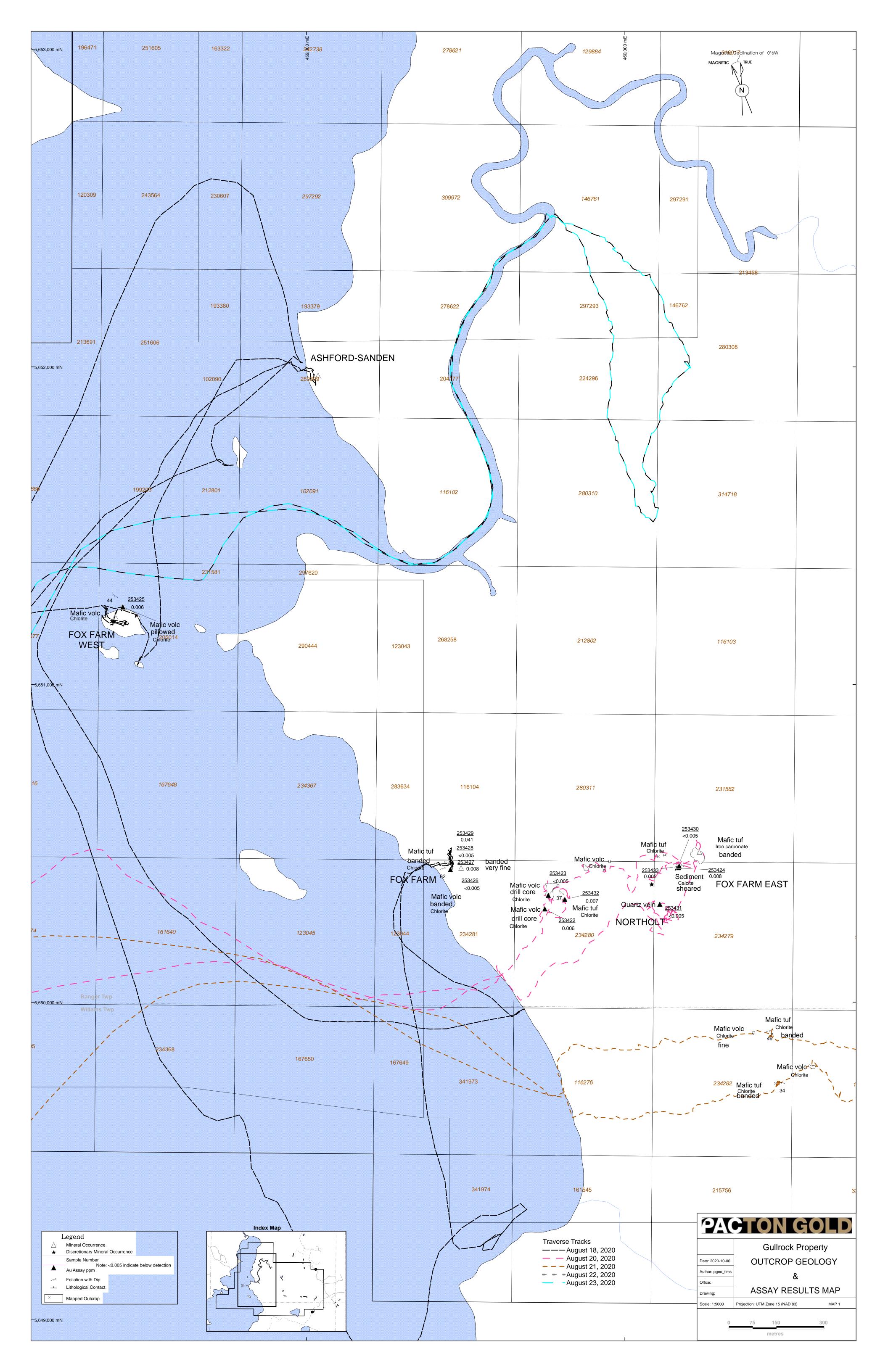
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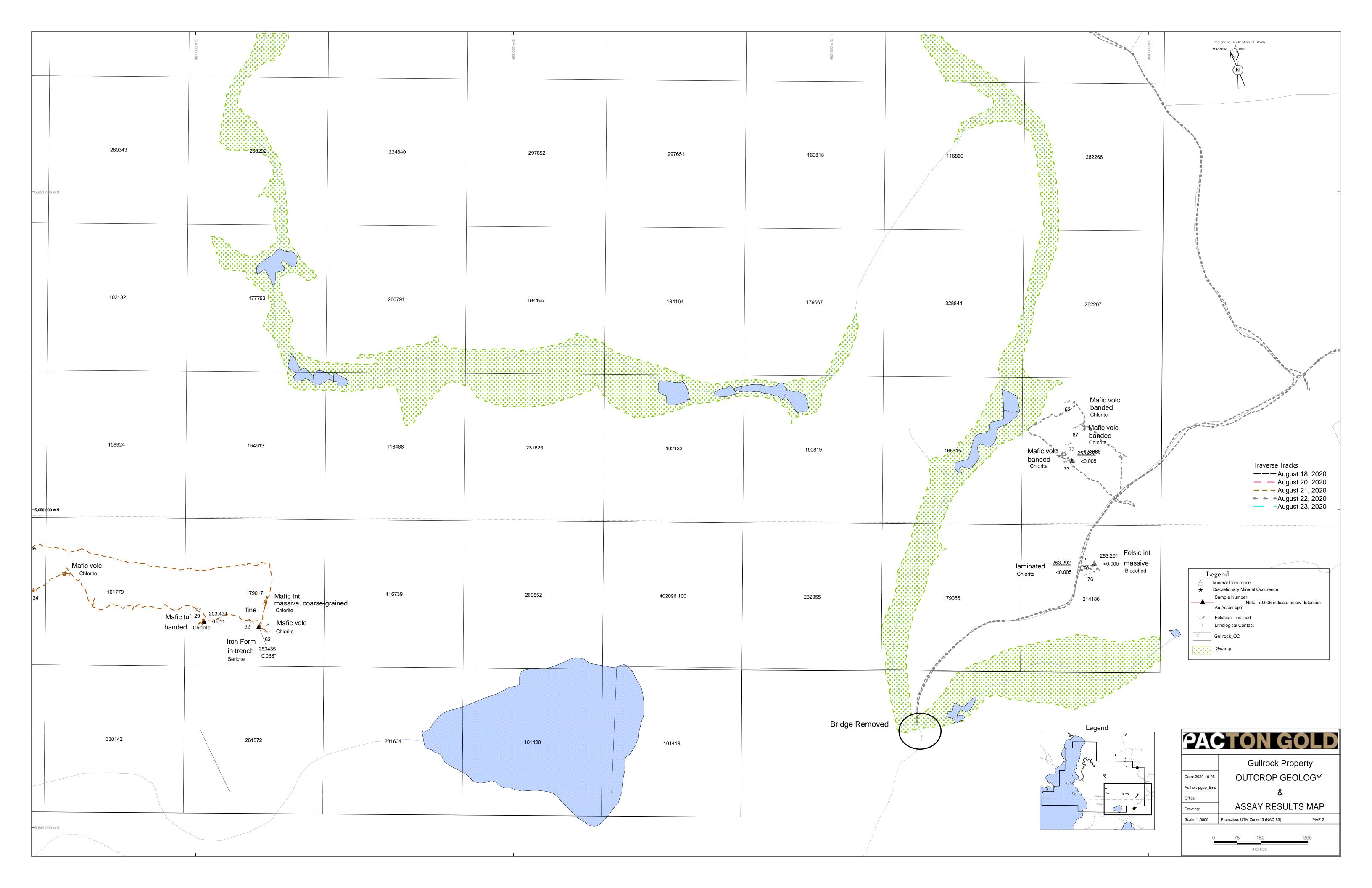
Brampton, Ontario September 14, 2020 Kacper Halama

APPENDIX 1 – Outcrop Geology and Assay Maps

Lithology Map Codes

Mafic Flow, pillowed	1a
Mafic Flow, massive	1b
Mafic Tuff	1c
Intermediate Flow, massive	2a
Intermediate Tuff	2c
Felsic Flow, massive	3a
Felsic Tuff	3c
Sediment, siltstone or wacke	4
Conglomerate	4c
Granite to Granodiorite	6
Quartz Vein	10





APPENDIX 2 – Analytical Certificates



ANALYSIS REPORT YRL20-00199

PACTON GOLD INC KARLY OLIVER 1680-200 BURRARD ST VANCOUVER V6C 3L6

BC **CANADA**

Submission Number Gullrock / Swain 08252020

Date Received

25-Aug-2020

23

Date Analysed **Date Completed**

SGS Order Number

25-Aug-2020 - 27-Aug-2020

27-Aug-2020 YRL20-00199

Methods Summary

23

23

Number of Samples

Number of Sample Method Code

G_WGH_KG

Description

GE_FAA30V5

Weight of samples received Au, FAS, exploration grade, AAS, 30g-5ml

Authorised Signatory

Dennis Dykin **Operations Manager**

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> - not analysed -- element not determined I.S. insufficient sample L.N.R. listed not received

28-Aug-2020 3:20PM YRL_U0003368708 Page 1 of 3 MIN-M_COA_ROW-Last Modified Date: 05-Nov-2019



Gullrock / Swain 08252020 23

ANALYSIS REPORT YRL20-00199

Element Method	Wtkg G_WGH_KG	@Au GE_FAA30V5
Lower Limit	0.01	0.005
Upper Limit		10,000
Unit	kg	ppm m / m
253422	9.02	0.006
253423	3.00	<0.005
253424	1.77	<0.005
253425	0.53	0.006
253426	2.29	<0.005
253427	0.78	0.008
253428	2.19	<0.005
253429	2.71	0.041
253430	1.03	0.008
253431	2.21	<0.005
253432	1.59	0.007
253433	2.52	0.005
253434	1.88	0.011
253435	1.74	0.009
253291	2.20	<0.005
253292	1.78	<0.005
253293	1.98	<0.005
253435	1.58	0.067
253436	0.54	<0.005
253437	1.55	<0.005
253438	1.12	<0.005
253439	1.53	<0.005
253440	1.72	0.012
*BIk BLANK	-	<0.005
*Std OREAS222	-	1.228
*Rep 253435	-	0.012
*Std OREAS221	-	1.085

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Submission Number

Gullrock / Swain 08252020

ANALYSIS REPORT YRL20-00199

Number of Samples 23

SGS Canada Minerals Redlake conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at https://www.scc.ca/en/search/laboratories/sgs

Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

Page 3 of 3 28-Aug-2020 3:20PM YRL_U0003368708 MIN-M_COA_ROW-Last Modified Date: 05-Nov-2019



ANALYSIS REPORT YRL20-00199

PACTON GOLD INC

KRIS RAFFLE-RED LAKE PROJECT 1680-200 BURRARD ST VANCOUVER V6C 3L6

BC

CANADA

Project Red Lake

BBY Gullrock + Swain/ 23 Rocks Submission Number

Number of Samples

Date Received 25-Aug-2020

21-Sep-2020 - 24-Sep-2020 Date Analysed

Date Completed 24-Sep-2020 SGS Order Number YRL20-00199

Methods Summary

Number of Sample Method Code Description

> GE_ICP90A50 23 Na2O2 Fusion, ICPAES, 0.1g-50ml

Comments

Preparation of samples was performed at the SGS Red Lake

Analysis of samples was performed at the SGS Burnaby site.

Authorised Signatory

John Chiang

Laboratory Operations

Manager

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> - not analysed -- element not determined I.S. insufficient sample L.N.R. listed not received

24-Sep-2020 9:32PM BBM_U0003790293 Page 1 of 6 MIN-M_COA_ROW-Last Modified Date: 05-Nov-2019



Red Lake

BBY Gullrock + Swain/ 23 Rocks

23

ANALYSIS REPORT YRL20-00199

Element	Al	As	Ва	Ве	Ca	Cd
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	30	10	5	0.1	10
Upper Limit	25	100,000	50,000	25,000	25	50,000
Unit	%	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m
253422	5.88	<30	196	<5	6.8	<10
253423	7.03	<30	134	<5	8.8	<10
253424	7.34	<30	85	<5	11.7	<10
253425	4.21	<30	16	7	0.9	<10
253426	10.81	<30	878	<5	2.7	<10
253427	2.19	<30	<10	<5	4.4	<10
253428	0.17	<30	<10	<5	1.6	<10
253429	2.35	<30	<10	5	7.8	<10
253430	7.31	<30	152	<5	11.0	<10
253431	0.84	<30	<10	<5	0.4	<10
253432	6.14	<30	28	<5	14.2	<10
253433	6.33	<30	27	<5	15.6	<10
253434	8.04	<30	355	<5	13.3	<10
253435	7.00	<30	167	<5	2.5	<10
253291	7.68	<30	4134	<5	1.9	<10
253292	9.60	<30	414	<5	5.2	<10
253293	7.63	<30	25	<5	15.8	<10
253435a	8.86	87	43	<5	3.4	<10
253436	7.76	<30	14	<5	6.6	<10
253437	8.10	49	<10	<5	11.0	<10
253438	8.69	<30	353	<5	6.3	<10
253439	9.32	<30	74	<5	9.3	<10
253440	8.11	33	701	<5	2.4	<10
*BIk BLANK	<0.01	<30	<10	<5	<0.1	<10
*Rep 253430	7.20	<30	152	<5	10.8	<10
*Std OREAS 623	4.85	83	1241	<5	1.3	40
*Std MP-2a	6.19	5140	12	<5	3.2	1
*Std OREAS 927	6.72	<30	298	<5	0.4	<10

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Red Lake

BBY Gullrock + Swain/ 23 Rocks

23

ANALYSIS REPORT YRL20-00199

Element	Co	Cr	Cu	Fe	K	La
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	10	10	10	0.01	0.1	10
Upper Limit	50,000	50,000	50,000	25	25	50,000
Unit	ppm m / m	ppm m / m	ppm m / m	%	%	ppm m / m
253422	39	86	183	12.33	0.5	<10
253423	42	117	228	10.91	0.4	<10
253424	38	81	201	10.28	0.3	<10
253425	<10	70	11	0.78	0.1	<10
253426	72	230	228	5.03	4.5	<10
253427	<10	48	139	16.59	0.1	<10
253428	<10	44	27	7.99	<0.1	<10
253429	<10	22	286	13.49	<0.1	<10
253430	36	152	111	9.28	1.0	<10
253431	10	50	92	0.99	<0.1	<10
253432	28	29	76	11.21	0.1	<10
253433	41	184	<10	7.90	<0.1	<10
253434	51	146	94	7.97	0.3	<10
253435	28	117	246	7.23	1.2	11
253291	<10	21	13	1.58	2.2	25
253292	25	66	<10	4.12	1.6	<10
253293	41	278	28	6.49	<0.1	<10
253435a	43	130	535	11.70	0.2	<10
253436	34	184	43	9.01	<0.1	<10
253437	38	121	<10	6.10	<0.1	<10
253438	39	127	<10	6.23	1.2	<10
253439	47	141	<10	6.09	0.3	<10
253440	19	144	36	4.34	2.1	23
*BIk BLANK	<10	<10	<10	<0.01	<0.1	<10
*Rep 253430	36	147	111	9.17	1.0	<10
*Std OREAS 623	215	29	16602	12.85	1.4	23
*Std MP-2a	<10	142	479	4.94	1.3	150
*Std OREAS 927	28	63	10553	8.52	1.9	33

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

24-Sep-2020 9:32PM BBM_U0003790293

Page 3 of 6



Red Lake

BBY Gullrock + Swain/ 23 Rocks

23

ANALYSIS REPORT YRL20-00199

Element	Li	Mg	Mn	Мо	Ni	Р
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	10	0.01	10	10	10	0.01
Upper Limit	50,000	25	100,000	50,000	100,000	25
Unit	ppm m / m	%	ppm m / m	ppm m/m	ppm m/m	%
253422	36	2.24	3648	<10	44	0.06
253423	32	3.26	3289	<10	62	0.05
253424	31	2.34	3432	<10	35	0.05
253425	11	0.10	552	<10	<10	<0.01
253426	146	1.36	1047	<10	141	0.05
253427	<10	2.19	15595	<10	<10	0.02
253428	<10	0.82	4002	<10	<10	<0.01
253429	<10	0.85	11075	<10	<10	0.02
253430	27	2.24	3267	<10	66	0.04
253431	23	0.15	159	<10	<10	<0.0
253432	12	2.53	5112	<10	14	0.05
253433	12	1.73	4443	<10	77	0.03
253434	45	2.07	4919	<10	77	0.04
253435	94	1.24	1196	<10	46	0.04
253291	42	0.39	509	<10	<10	0.03
253292	58	2.19	840	<10	60	0.04
253293	25	2.05	3393	<10	124	0.03
253435a	29	1.79	1199	<10	83	0.03
253436	36	7.04	1506	<10	130	0.03
253437	<10	3.12	1231	<10	191	0.02
253438	17	6.02	1266	<10	199	0.02
253439	15	3.28	1135	<10	227	0.02
253440	37	1.44	622	<10	28	0.06
*BIk BLANK	<10	<0.01	<10	<10	<10	<0.01
*Rep 253430	26	2.21	3198	<10	57	0.04
*Std OREAS 623	15	1.16	625	10	11	0.05
*Std MP-2a	91	0.09	1006	1447	<10	0.02
*Std OREAS 927	36	2.20	1144	<10	25	0.06

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Red Lake

BBY Gullrock + Swain/ 23 Rocks

23

ANALYSIS REPORT YRL20-00199

Element	Pb	Sb	Sc	Si	Sn	Sr
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	20	50	5	0.1	50	10
Upper Limit	100,000	100,000	50,000	30	50,000	5,000
Unit	ppm m / m	ppm m / m	ppm m / m	%	ppm m/m	ppm m / m
253422	<20	<50	27	25.5	<50	131
253423	<20	<50	34	22.8	<50	103
253424	<20	<50	35	23.1	<50	111
253425	<20	<50	<5	>30.0	<50	53
253426	<20	<50	44	26.2	<50	90
253427	<20	<50	8	27.3	<50	16
253428	<20	<50	<5	>30.0	<50	<10
253429	<20	<50	<5	28.3	<50	16
253430	<20	<50	32	21.6	<50	87
253431	96	<50	<5	>30.0	<50	<10
253432	<20	<50	32	21.5	<50	150
253433	<20	<50	31	20.2	<50	70
253434	<20	<50	39	21.4	<50	158
253435	<20	<50	19	27.1	<50	207
253291	<20	<50	<5	>30.0	<50	225
253292	<20	<50	12	25.7	<50	168
253293	<20	<50	32	19.9	<50	124
253435a	<20	<50	19	18.2	<50	160
253436	<20	<50	22	18.8	<50	220
253437	<20	<50	18	19.1	<50	186
253438	<20	<50	19	19.8	<50	125
253439	<20	<50	21	20.7	<50	306
253440	<20	<50	15	26.2	<50	378
*BIk BLANK	<20	<50	<5	<0.1	<50	<10
*Rep 253430	<20	<50	33	21.2	<50	86
*Std OREAS 623	2230	<50	7	22.9	<50	85
*Std MP-2a	2658	<50	<5	29.6	518	16
*Std OREAS 927	202	<50	10	28.1	<50	32

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Red Lake

BBY Gullrock + Swain/ 23 Rocks

23

ANALYSIS REPORT YRL20-00199

Element	Ti	V	W	Υ	Zn
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	10	50	5	10
Upper Limit	25	50,000	40,000	25,000	50,000
Unit	%	ppm m / m			
253422	0.56	237	<50	20	162
253423	0.64	281	<50	23	141
253424	0.80	295	<50	24	119
253425	0.02	<10	<50	17	21
253426	0.82	355	<50	16	243
253427	0.08	45	<50	16	244
253428	<0.01	<10	<50	<5	86
253429	0.04	45	<50	19	162
253430	0.61	274	<50	18	117
253431	0.02	11	<50	<5	117
253432	0.71	294	<50	22	101
253433	0.50	224	<50	20	116
253434	0.51	248	<50	18	114
253435	0.31	114	<50	15	104
253291	0.16	<10	<50	7	71
253292	0.28	77	<50	7	151
253293	0.45	211	<50	16	100
253435a	0.39	150	<50	7	50
253436	0.51	205	<50	12	91
253437	0.35	146	<50	7	57
253438	0.37	158	<50	8	64
253439	0.40	173	<50	9	50
253440	0.27	126	<50	11	61
*BIk BLANK	<0.01	<10	<50	<5	<10
*Rep 253430	0.60	275	<50	18	116
*Std OREAS 623	0.14	26	<50	15	9844
*Std MP-2a	0.03	<10	3159	212	5564
*Std OREAS 927	0.34	72	<50	20	725

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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APPENDIX 3 – Outcrop Data Spread

Date	Project Name	Station_ID	Logger	DATUM	UTM_E	UTM_N	Ele	Rock_type	GrainSize
18-Aug-20	GullRock	GR001	Andrew Tims	15 U	458422	5651244	361	Mafic volc	Fine-Medium
18-Aug-20	GullRock	GR001a	Andrew Tims	15 U	458420	5651241	362	Mafic volc	
									Fine-Medium
18-Aug-20	GullRock	GR002	Andrew Tims	15 U	459449	5650451	389	Mafic tuf	Fine-Medium
18-Aug-20	GullRock	GR003	Andrew Tims	15 U	459454	5650413	379	Mafic volc	Fine-Medium
	1	I		I	1				
18-Aug-20	GullRock	GR004	Andrew Tims	15 U	459453	5650417	378	Mafic volc	Fine-Medium
10 / 10 20	Guintock	0.100 1	/ marcw mms	15 0	.55 .55	3030 117	570	mane voic	i inc ivicalani
40.4 00	G 115 1	CD004			450450	5550447	270		5' A A I'
18-Aug-20	GullRock	GR004	Andrew Tims	15 U	459453	5650417	378	Mafic volc	Fine-Medium
18-Aug-20	GullRock	GR004	Andrew Tims	15 U	459453	5650417	378	Mafic volc	Fine-Medium
18-Aug-20	GullRock	GR004	Andrew Tims	15 U	459453	5650417	378	Mafic volc	Fine-Medium
20.4 20	G 115 1				450750	5550000	200		5' A4 I'
20-Aug-20	GullRock	Core1	Andrew Tims	15 U	459750	5650293	388	Mafic volc	Fine-Medium
20-Aug-20	GullRock	Core2	Andrew Tims	15 U	459761	5650336	388	Mafic volc	Fine-Medium
20-Aug-20	GullRock	GR005	Andrew Tims	15 U	459813	5650323	389	Mafic tuf	Fine-Medium
20-Aug-20		GR005a	Andrew Tims	15 U	459811	5650324	389	Mafic tuf	Fine-Medium
		GR005b	Andrew Tims	15 U	459954	5650442	389	Mafic volc	Fine-Medium
20-Aug-20									
	GullRock	GR005c	Andrew Tims	15 U	459937	5650416	391	Mafic volc	Fine-Medium
20-Aug-20	GullRock	GR006	Andrew Tims	15 U	460107	5650458	386	Mafic tuf	Fine-Medium
20-Aug-20	GullRock	GR006a	Andrew Tims	15 U	460129	5650463	386	Mafic tuf	Fine-Medium
20-Aug-20	GullRock	GR007a	Andrew Tims	15 U	460231	5650461	397	Mafic tuf	Fine-Medium
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20-Aug-20	GullRock	GR007b	Andrew Tims	15 U	460176	5650430	397	Mafic tuf	Fine-Medium
20-Aug-20	GullRock	GR007c	Andrew Tims	15 U	460167	5650422	397	Sedimentary (clastic)	very fine
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20 :	C. IIDI.	CDOOR	A d T'	las	460443	F.CF.03.00	207	0	
20-Aug-20		GR008	Andrew Tims	15 U	460112	5650308	397	Quartz vein	
21-Aug-20		GR009	Andrew Tims	15 U	460476	5649744	381	Mafic tuf	Fine-Medium
21-Aug-20	GullRock	GR010	Andrew Tims	15 U	460590	5649798	394	Mafic volc	Fine-Medium
		l		l					
21-Aug-20	GullBock	GR011	Andrew Tims	15 U	461026	5649649	399	Mafic tuf	Fine-Medium
									i iiic-ivicuidili
21-Aug-20		GR011a	Andrew Tims	15 U	461024	5649648	399	Mafic tuf	c
21-Aug-20	GullRock	GR012	Andrew Tims	15 U	461228	5649639	405	Mafic volc	fine
1	1	I		1	1		_		
		l		l					
21-Δ119-20	GullRock	GR013	Andrew Tims	15 U	461199	5649632	423	Iron Form	
/ null 201									
22 Aug 20		GROIS	, and ear mins						
LI Flug 20		GNOIS	Tillaren Tills						
22 Aug 20		diois	, and ever mins						
21-Aug-20	GullRock	GR014	Andrew Tims	15 U	461218	5649708	403	Mafic Int	coarse
	GullRock				461218 461224		403 399	Mafic Int Mafic tuf	coarse Fine-Medium
21-Aug-20	GullRock	GR014	Andrew Tims	15 U		5649708			
21-Aug-20 21-Aug-20	GullRock GullRock	GR014 GR015	Andrew Tims Andrew Tims	15 U 15 U	461224	5649708 5649723	399	Mafic tuf	Fine-Medium
21-Aug-20 21-Aug-20 21-Aug-20	GullRock GullRock GullRock	GR014 GR015 GR016	Andrew Tims Andrew Tims Andrew Tims	15 U 15 U 15 U	461224 460464	5649708 5649723 5649899		Mafic tuf Mafic tuf	Fine-Medium Fine-Medium
21-Aug-20 21-Aug-20	GullRock GullRock GullRock	GR014 GR015	Andrew Tims Andrew Tims	15 U 15 U	461224	5649708 5649723	399	Mafic tuf	Fine-Medium
21-Aug-20 21-Aug-20 21-Aug-20	GullRock GullRock GullRock	GR014 GR015 GR016	Andrew Tims Andrew Tims Andrew Tims	15 U 15 U 15 U	461224 460464	5649708 5649723 5649899	399	Mafic tuf Mafic tuf	Fine-Medium Fine-Medium
21-Aug-20 21-Aug-20 21-Aug-20	GullRock GullRock GullRock	GR014 GR015 GR016	Andrew Tims Andrew Tims Andrew Tims	15 U 15 U 15 U	461224 460464	5649708 5649723 5649899	399	Mafic tuf Mafic tuf	Fine-Medium Fine-Medium
21-Aug-20 21-Aug-20 21-Aug-20	GullRock GullRock GullRock	GR014 GR015 GR016	Andrew Tims Andrew Tims Andrew Tims	15 U 15 U 15 U	461224 460464	5649708 5649723 5649899	399	Mafic tuf Mafic tuf	Fine-Medium Fine-Medium
21-Aug-20 21-Aug-20 21-Aug-20	GullRock GullRock GullRock	GR014 GR015 GR016	Andrew Tims Andrew Tims Andrew Tims	15 U 15 U 15 U	461224 460464	5649708 5649723 5649899	399	Mafic tuf Mafic tuf	Fine-Medium Fine-Medium
21-Aug-20 21-Aug-20 21-Aug-20	GullRock GullRock GullRock GullRock	GR014 GR015 GR016	Andrew Tims Andrew Tims Andrew Tims	15 U 15 U 15 U	461224 460464	5649708 5649723 5649899	399	Mafic tuf Mafic tuf	Fine-Medium Fine-Medium
21-Aug-20 21-Aug-20 21-Aug-20 21-Aug-20	GullRock GullRock GullRock GullRock	GR014 GR015 GR016 GR017	Andrew Tims Andrew Tims Andrew Tims Andrew Tims	15 U 15 U 15 U 15 U	461224 460464 460406	5649708 5649723 5649899 5649904	399 405	Mafic tuf Mafic tuf Mafic volc	Fine-Medium Fine-Medium Fine-Medium
21-Aug-20 21-Aug-20 21-Aug-20 21-Aug-20	GullRock GullRock GullRock GullRock	GR014 GR015 GR016 GR017	Andrew Tims Andrew Tims Andrew Tims Andrew Tims	15 U 15 U 15 U 15 U	461224 460464 460406	5649708 5649723 5649899 5649904	399 405	Mafic tuf Mafic tuf Mafic volc	Fine-Medium Fine-Medium Fine-Medium
21-Aug-20 21-Aug-20 21-Aug-20 21-Aug-20	GullRock GullRock GullRock GullRock	GR014 GR015 GR016 GR017	Andrew Tims Andrew Tims Andrew Tims Andrew Tims	15 U 15 U 15 U 15 U	461224 460464 460406	5649708 5649723 5649899 5649904	399 405	Mafic tuf Mafic tuf Mafic volc	Fine-Medium Fine-Medium Fine-Medium
21-Aug-20 21-Aug-20 21-Aug-20 21-Aug-20	GullRock GullRock GullRock GullRock	GR014 GR015 GR016 GR017	Andrew Tims Andrew Tims Andrew Tims Andrew Tims	15 U 15 U 15 U 15 U	461224 460464 460406	5649708 5649723 5649899 5649904	399 405	Mafic tuf Mafic tuf Mafic volc	Fine-Medium Fine-Medium Fine-Medium
21-Aug-20 21-Aug-20 21-Aug-20 21-Aug-20	GullRock GullRock GullRock GullRock	GR014 GR015 GR016 GR017	Andrew Tims Andrew Tims Andrew Tims Andrew Tims	15 U 15 U 15 U 15 U	461224 460464 460406	5649708 5649723 5649899 5649904	399 405	Mafic tuf Mafic tuf Mafic volc	Fine-Medium Fine-Medium Fine-Medium
21-Aug-20 21-Aug-20 21-Aug-20 21-Aug-20	GullRock GullRock GullRock GullRock	GR014 GR015 GR016 GR017	Andrew Tims Andrew Tims Andrew Tims Andrew Tims	15 U 15 U 15 U 15 U	461224 460464 460406	5649708 5649723 5649899 5649904	399 405	Mafic tuf Mafic tuf Mafic volc	Fine-Medium Fine-Medium Fine-Medium
21-Aug-20 21-Aug-20 21-Aug-20 21-Aug-20	GullRock GullRock GullRock GullRock	GR014 GR015 GR016 GR017	Andrew Tims Andrew Tims Andrew Tims Andrew Tims	15 U 15 U 15 U 15 U	461224 460464 460406	5649708 5649723 5649899 5649904	399 405	Mafic tuf Mafic tuf Mafic volc	Fine-Medium Fine-Medium Fine-Medium
21-Aug-20 21-Aug-20 21-Aug-20 21-Aug-20	GullRock GullRock GullRock GullRock	GR014 GR015 GR016 GR017	Andrew Tims Andrew Tims Andrew Tims Andrew Tims	15 U 15 U 15 U 15 U	461224 460464 460406	5649708 5649723 5649899 5649904	399 405	Mafic tuf Mafic tuf Mafic volc	Fine-Medium Fine-Medium Fine-Medium
21-Aug-20 21-Aug-20 21-Aug-20 21-Aug-20 22-Aug-20	GullRock GullRock GullRock GullRock	GR014 GR015 GR016 GR017 GR502A	Andrew Tims Andrew Tims Andrew Tims Andrew Tims Kacper Halama	15 U 15 U 15 U 15 U	461224 460464 460406 463829	5649708 5649723 5649899 5649904	399 405 386	Mafic tuf Mafic volc Felsic tuf	Fine-Medium Fine-Medium Fine-Medium aphanitic
21-Aug-20 21-Aug-20 21-Aug-20 21-Aug-20	GullRock GullRock GullRock GullRock	GR014 GR015 GR016 GR017	Andrew Tims Andrew Tims Andrew Tims Andrew Tims	15 U 15 U 15 U 15 U	461224 460464 460406	5649708 5649723 5649899 5649904	399 405 386	Mafic tuf Mafic tuf Mafic volc	Fine-Medium Fine-Medium Fine-Medium
21-Aug-20 21-Aug-20 21-Aug-20 21-Aug-20 22-Aug-20	GullRock GullRock GullRock GullRock	GR014 GR015 GR016 GR017 GR502A	Andrew Tims Andrew Tims Andrew Tims Andrew Tims Kacper Halama	15 U 15 U 15 U 15 U	461224 460464 460406 463829	5649708 5649723 5649899 5649904	399 405 386	Mafic tuf Mafic volc Felsic tuf	Fine-Medium Fine-Medium Fine-Medium aphanitic
21-Aug-20 21-Aug-20 21-Aug-20 21-Aug-20 22-Aug-20	GullRock GullRock GullRock GullRock	GR014 GR015 GR016 GR017 GR502A	Andrew Tims Andrew Tims Andrew Tims Andrew Tims Kacper Halama	15 U 15 U 15 U 15 U	461224 460464 460406 463829	5649708 5649723 5649899 5649904	399 405 386	Mafic tuf Mafic volc Felsic tuf	Fine-Medium Fine-Medium Fine-Medium aphanitic
21-Aug-20 21-Aug-20 21-Aug-20 21-Aug-20 22-Aug-20 22-Aug-20	GullRock GullRock GullRock GullRock GullRock GullRock	GR014 GR015 GR016 GR017 GR502A	Andrew Tims Andrew Tims Andrew Tims Andrew Tims Kacper Halama	15 U 15 U 15 U 15 U	461224 460464 460406 463829	5649708 5649723 5649899 5649904 5649831	399 405 386	Mafic tuf Mafic volc Felsic tuf Mafic tuf	Fine-Medium Fine-Medium aphanitic very fine
21-Aug-20 21-Aug-20 21-Aug-20 21-Aug-20 22-Aug-20	GullRock GullRock GullRock GullRock GullRock GullRock	GR014 GR015 GR016 GR017 GR502A	Andrew Tims Andrew Tims Andrew Tims Andrew Tims Kacper Halama	15 U 15 U 15 U 15 U	461224 460464 460406 463829	5649708 5649723 5649899 5649904	399 405 386	Mafic tuf Mafic volc Felsic tuf	Fine-Medium Fine-Medium Fine-Medium aphanitic
21-Aug-20 21-Aug-20 21-Aug-20 21-Aug-20 22-Aug-20 22-Aug-20	GullRock GullRock GullRock GullRock GullRock GullRock	GR014 GR015 GR016 GR017 GR502A	Andrew Tims Andrew Tims Andrew Tims Andrew Tims Kacper Halama	15 U 15 U 15 U 15 U	461224 460464 460406 463829	5649708 5649723 5649899 5649904 5649831	399 405 386	Mafic tuf Mafic volc Felsic tuf Mafic tuf	Fine-Medium Fine-Medium aphanitic very fine
21-Aug-20 21-Aug-20 21-Aug-20 21-Aug-20 22-Aug-20 22-Aug-20	GullRock GullRock GullRock GullRock GullRock GullRock GullRock	GR014 GR015 GR016 GR017 GR502A GR502B	Andrew Tims Andrew Tims Andrew Tims Andrew Tims Kacper Halama Kacper Halama	15 U 15 U 15 U 15 U	461224 460464 460406 463829 463829	5649708 5649723 5649899 5649904 5649831	399 405 386 384	Mafic tuf Mafic volc Felsic tuf Mafic tuf	Fine-Medium Fine-Medium Fine-Medium aphanitic very fine Medium-Coarse
21-Aug-20 21-Aug-20 21-Aug-20 21-Aug-20 22-Aug-20 22-Aug-20 22-Aug-20	GullRock GullRock GullRock GullRock GullRock GullRock GullRock	GR014 GR015 GR016 GR017 GR502A GR502B GR502C GR503	Andrew Tims Andrew Tims Andrew Tims Andrew Tims Kacper Halama Kacper Halama Kacper Halama	15 U 15 U 15 U 15 U 15 U	461224 460464 460406 463829 463829 463829	5649708 5649723 5649899 5649904 5649831 5649831 5649831	399 405 386 384 390 395	Mafic tuf Mafic volc Felsic tuf Mafic tuf Mafic tuf Felsic int Mafic volc	Fine-Medium Fine-Medium Aphanitic very fine Medium-Coarse very fine
21-Aug-20 21-Aug-20 21-Aug-20 21-Aug-20 22-Aug-20 22-Aug-20	GullRock GullRock GullRock GullRock GullRock GullRock GullRock	GR014 GR015 GR016 GR017 GR502A GR502B	Andrew Tims Andrew Tims Andrew Tims Andrew Tims Kacper Halama Kacper Halama	15 U 15 U 15 U 15 U	461224 460464 460406 463829 463829	5649708 5649723 5649899 5649904 5649831	399 405 386 384	Mafic tuf Mafic volc Felsic tuf Mafic tuf	Fine-Medium Fine-Medium Fine-Medium aphanitic very fine Medium-Coarse
21-Aug-20 21-Aug-20 21-Aug-20 21-Aug-20 22-Aug-20 22-Aug-20 22-Aug-20	GullRock GullRock GullRock GullRock GullRock GullRock GullRock	GR014 GR015 GR016 GR017 GR502A GR502B GR502C GR503	Andrew Tims Andrew Tims Andrew Tims Andrew Tims Kacper Halama Kacper Halama Kacper Halama	15 U 15 U 15 U 15 U 15 U	461224 460464 460406 463829 463829 463829	5649708 5649723 5649899 5649904 5649831 5649831 5649831	399 405 386 384 390 395	Mafic tuf Mafic volc Felsic tuf Mafic tuf Mafic tuf Felsic int Mafic volc	Fine-Medium Fine-Medium Fine-Medium aphanitic very fine Medium-Coarse very fine
21-Aug-20 21-Aug-20 21-Aug-20 21-Aug-20 22-Aug-20 22-Aug-20 22-Aug-20 22-Aug-20 22-Aug-20	GullRock GullRock GullRock GullRock GullRock GullRock GullRock GullRock GullRock	GR014 GR015 GR016 GR017 GR502A GR502B GR502C GR503 GR504	Andrew Tims Andrew Tims Andrew Tims Andrew Tims Kacper Halama Kacper Halama Kacper Halama Kacper Halama	15 U 15 U 15 U 15 U 15 U 15 U	461224 460464 460406 463829 463829 463758 463747	5649708 5649723 5649899 5649904 5649831 5649831 5649831 5650154 5650162	384 384 390 395 384	Mafic tuf Mafic volc Felsic tuf Mafic tuf Mafic tuf Mafic tuf Felsic int Mafic volc Mafic volc	Fine-Medium Fine-Medium Fine-Medium aphanitic very fine Medium-Coarse very fine very fine
21-Aug-20 21-Aug-20 21-Aug-20 21-Aug-20 22-Aug-20 22-Aug-20 22-Aug-20	GullRock GullRock GullRock GullRock GullRock GullRock GullRock GullRock GullRock	GR014 GR015 GR016 GR017 GR502A GR502B GR502C GR503	Andrew Tims Andrew Tims Andrew Tims Andrew Tims Kacper Halama Kacper Halama Kacper Halama	15 U 15 U 15 U 15 U 15 U	461224 460464 460406 463829 463829 463829	5649708 5649723 5649899 5649904 5649831 5649831 5649831	399 405 386 384 390 395	Mafic tuf Mafic volc Felsic tuf Mafic tuf Mafic tuf Felsic int Mafic volc	Fine-Medium Fine-Medium Fine-Medium aphanitic very fine Medium-Coarse very fine
21-Aug-20 21-Aug-20 21-Aug-20 21-Aug-20 22-Aug-20 22-Aug-20 22-Aug-20 22-Aug-20 22-Aug-20	GullRock GullRock GullRock GullRock GullRock GullRock GullRock GullRock GullRock	GR014 GR015 GR016 GR017 GR502A GR502B GR502C GR503 GR504	Andrew Tims Andrew Tims Andrew Tims Andrew Tims Kacper Halama Kacper Halama Kacper Halama Kacper Halama	15 U 15 U 15 U 15 U 15 U 15 U	461224 460464 460406 463829 463829 463758 463747	5649708 5649723 5649899 5649904 5649831 5649831 5650154 5650162	384 384 390 395 384	Mafic tuf Mafic volc Felsic tuf Mafic tuf Mafic tuf Mafic tuf Felsic int Mafic volc Mafic volc	Fine-Medium Fine-Medium Fine-Medium aphanitic very fine Medium-Coarse very fine very fine
21-Aug-20 21-Aug-20 21-Aug-20 21-Aug-20 22-Aug-20 22-Aug-20 22-Aug-20 22-Aug-20 22-Aug-20	GullRock GullRock GullRock GullRock GullRock GullRock GullRock GullRock GullRock	GR014 GR015 GR016 GR017 GR502A GR502B GR502C GR503 GR504	Andrew Tims Andrew Tims Andrew Tims Andrew Tims Kacper Halama Kacper Halama Kacper Halama Kacper Halama	15 U 15 U 15 U 15 U 15 U 15 U	461224 460464 460406 463829 463829 463758 463747	5649708 5649723 5649899 5649904 5649831 5649831 5650154 5650162	384 384 390 395 384	Mafic tuf Mafic volc Felsic tuf Mafic tuf Mafic tuf Mafic tuf Felsic int Mafic volc Mafic volc	Fine-Medium Fine-Medium Fine-Medium aphanitic very fine Medium-Coarse very fine very fine
21-Aug-20 21-Aug-20 21-Aug-20 21-Aug-20 22-Aug-20 22-Aug-20 22-Aug-20 22-Aug-20 22-Aug-20	Guilrock	GR014 GR015 GR016 GR017 GR502A GR502B GR502C GR503 GR504 GR505	Andrew Tims Andrew Tims Andrew Tims Andrew Tims Kacper Halama Kacper Halama Kacper Halama Kacper Halama Kacper Halama	15 U	461224 460464 460406 463829 463829 463758 463747 463734	5649708 5649723 5649899 5649904 5649831 5649831 5650154 5650162 5650179	386 386 384 390 395 384	Mafic tuf Mafic volc Felsic tuf Mafic tuf Mafic tuf Mafic tuf Felsic int Mafic volc Mafic volc Mafic volc	Fine-Medium Fine-Medium Fine-Medium aphanitic very fine Medium-Coarse very fine very fine very fine
21-Aug-20 21-Aug-20 21-Aug-20 21-Aug-20 22-Aug-20 22-Aug-20 22-Aug-20 22-Aug-20 22-Aug-20	Guilrock	GR014 GR015 GR016 GR017 GR502A GR502B GR502C GR503 GR504	Andrew Tims Andrew Tims Andrew Tims Andrew Tims Kacper Halama Kacper Halama Kacper Halama Kacper Halama	15 U 15 U 15 U 15 U 15 U 15 U	461224 460464 460406 463829 463829 463758 463747	5649708 5649723 5649899 5649904 5649831 5649831 5650154 5650162	384 384 390 395 384	Mafic tuf Mafic volc Felsic tuf Mafic tuf Mafic tuf Mafic tuf Felsic int Mafic volc Mafic volc	Fine-Medium Fine-Medium Fine-Medium aphanitic very fine Medium-Coarse very fine very fine
21-Aug-20 21-Aug-20 21-Aug-20 21-Aug-20 22-Aug-20 22-Aug-20 22-Aug-20 22-Aug-20 22-Aug-20	Guilrock	GR014 GR015 GR016 GR017 GR502A GR502B GR502C GR503 GR504 GR505	Andrew Tims Andrew Tims Andrew Tims Andrew Tims Kacper Halama Kacper Halama Kacper Halama Kacper Halama Kacper Halama	15 U	461224 460464 460406 463829 463829 463758 463747 463734	5649708 5649723 5649899 5649904 5649831 5649831 5650154 5650162 5650179	386 386 384 390 395 384	Mafic tuf Mafic volc Felsic tuf Mafic tuf Mafic tuf Mafic tuf Felsic int Mafic volc Mafic volc Mafic volc	Fine-Medium Fine-Medium Fine-Medium aphanitic very fine Medium-Coarse very fine very fine very fine
21-Aug-20 21-Aug-20 21-Aug-20 21-Aug-20 22-Aug-20 22-Aug-20 22-Aug-20 22-Aug-20 22-Aug-20	Guilrock	GR014 GR015 GR016 GR017 GR502A GR502B GR502C GR503 GR504 GR505	Andrew Tims Andrew Tims Andrew Tims Andrew Tims Kacper Halama Kacper Halama Kacper Halama Kacper Halama Kacper Halama	15 U	461224 460464 460406 463829 463829 463758 463747 463734	5649708 5649723 5649899 5649904 5649831 5649831 5650154 5650162 5650179	386 386 384 390 395 384	Mafic tuf Mafic volc Felsic tuf Mafic tuf Mafic tuf Mafic tuf Felsic int Mafic volc Mafic volc Mafic volc	Fine-Medium Fine-Medium Fine-Medium aphanitic very fine Medium-Coarse very fine very fine very fine
21-Aug-20 21-Aug-20 21-Aug-20 21-Aug-20 22-Aug-20 22-Aug-20 22-Aug-20 22-Aug-20 22-Aug-20	GullRock	GR014 GR015 GR016 GR017 GR502A GR502B GR502C GR503 GR504 GR505	Andrew Tims Andrew Tims Andrew Tims Andrew Tims Kacper Halama Kacper Halama Kacper Halama Kacper Halama Kacper Halama	15 U	461224 460464 460406 463829 463829 463758 463747 463734	5649708 5649723 5649899 5649904 5649831 5649831 5650154 5650162 5650179	386 386 384 390 395 384	Mafic tuf Mafic volc Felsic tuf Mafic tuf Mafic tuf Mafic tuf Felsic int Mafic volc Mafic volc Mafic volc	Fine-Medium Fine-Medium Fine-Medium aphanitic very fine Medium-Coarse very fine very fine very fine

	Station_ID	Rock_alternative	Alt_type	Alt_intensity	Alt_distrib	Silicification	Magnetism	Vein_Type	Vein_Proportion
	GR001				-			quartz	
	GR001a					Weak	None		
Colored Calorie Weak									
	GR003	banded	Chlorite	Weak	pervasive	Weak	None		
	CP004	handad	Chlorito	Wook	norvacivo	Modorato	None		
Care	GR004	banded	Chlorite	vveak	pervasive	Moderate	None		
Care	GR004	banded	Bleached	Strong	pervasive	Weak	None		
Description					p 0				
Colorida	GR004	banded	Bleached	Strong	pervasive	Weak	None	quartz	
Colorida									
Control	GR004	very fine	Bleached	Strong	pervasive	Moderate	None		
Control									
Control	C1		Chila vita				Na.		
SERIOS Danded	Corei		Chiorite	weak	pervasive		None	-	
SERIOS Danded	Core?		Chlorite	weak	nervasive		None		
Chloride		handed			T				
Chlorite									
Charte	GR005b								
SEGOS Danneled Chlorite week pervasive None	GR005c								
SRIOGA Danied Chlorite week pervasive None	GR006	banded							
SR0072 banded Iron carbonate weak pervasive Weak None	GR006a								
SR007C Calicite Moderate pervasive Moderate None SR008 None quartz-sulph SR009 Danded Chlorite Weak pervasive None SR010 Chlorite Weak pervasive None SR011 Danded Chlorite weak pervasive Weak None SR012 Chlorite Weak pervasive Weak None SR013 Danded Chlorite weak pervasive Strong None SR013 Danded Chlorite Weak pervasive None SR013 Danded Sericite Very strong pervasive Strong Noderate SR015 Fine Chlorite Weak pervasive None SR016 Danded Chlorite weak pervasive None SR017 None SR017 None SR017 None SR018 Danded Chlorite Weak pervasive None SR017 None SR018 Danded Chlorite Weak pervasive None SR017 None SR018 Danded Chlorite Weak pervasive None SR019 Danded Chlorite Weak pervasive None SR017 None SR018 Danded Chlorite Weak pervasive None	GR007a	banded	Iron carbonate	weak	pervasive	Weak	None		
SR007C Calicite Moderate pervasive Moderate None SR008 None quartz-sulph SR009 Danded Chlorite Weak pervasive None SR010 Chlorite Weak pervasive None SR011 Danded Chlorite weak pervasive Weak None SR012 Chlorite Weak pervasive Weak None SR013 Danded Chlorite weak pervasive Strong None SR013 Danded Chlorite Weak pervasive None SR013 Danded Sericite Very strong pervasive Strong Noderate SR015 Fine Chlorite Weak pervasive None SR016 Danded Chlorite weak pervasive None SR017 None SR017 None SR017 None SR018 Danded Chlorite Weak pervasive None SR017 None SR018 Danded Chlorite Weak pervasive None SR017 None SR018 Danded Chlorite Weak pervasive None SR019 Danded Chlorite Weak pervasive None SR017 None SR018 Danded Chlorite Weak pervasive None									
SR007C Calicite Moderate pervasive Moderate None SR008 None quartz-sulph SR009 Danded Chlorite Weak pervasive None SR010 Chlorite Weak pervasive None SR011 Danded Chlorite weak pervasive Weak None SR012 Chlorite Weak pervasive Weak None SR013 Danded Chlorite weak pervasive Strong None SR013 Danded Chlorite Weak pervasive None SR013 Danded Sericite Very strong pervasive Strong Noderate SR015 Fine Chlorite Weak pervasive None SR016 Danded Chlorite weak pervasive None SR017 None SR017 None SR017 None SR018 Danded Chlorite Weak pervasive None SR017 None SR018 Danded Chlorite Weak pervasive None SR017 None SR018 Danded Chlorite Weak pervasive None SR019 Danded Chlorite Weak pervasive None SR017 None SR018 Danded Chlorite Weak pervasive None					1	1	ĺ	l	
SR007C Calicite Moderate pervasive Moderate None SR008 None quartz-sulph SR009 Danded Chlorite Weak pervasive None SR010 Chlorite Weak pervasive None SR011 Danded Chlorite weak pervasive Weak None SR012 Chlorite Weak pervasive Weak None SR013 Danded Chlorite weak pervasive Strong None SR013 Danded Chlorite Weak pervasive None SR013 Danded Sericite Very strong pervasive Strong Noderate SR015 Fine Chlorite Weak pervasive None SR016 Danded Chlorite weak pervasive None SR017 None SR017 None SR017 None SR018 Danded Chlorite Weak pervasive None SR017 None SR018 Danded Chlorite Weak pervasive None SR017 None SR018 Danded Chlorite Weak pervasive None SR019 Danded Chlorite Weak pervasive None SR017 None SR018 Danded Chlorite Weak pervasive None									
GR008 None Quartz-sulph GR009 Danded Chlorite Weak Dervasive None GR011 Danded Chlorite Weak Dervasive None GR012 Danded Chlorite Weak Dervasive None GR013 Danded Chlorite Weak Dervasive None GR014 RR013 Danded Chlorite Weak Dervasive None GR015 GR016 Group Group Group GR017 Group Group Group Group Group GR017 Group Group Group GR017 Group Group Group GR018 Danded Chlorite Weak Dervasive None GR019 Group Group GR017 Group Group Group GR018 Group Group Group GR019 Group Group Group GR019 Group Group Group GR010 Group Group Group GR010 Group Group Group GR011 Group Group Group GR011 Group Group Group GR012 Group Group Group GR013 Group Group Group GR014 Group Group Group GR015 Group Group Group GR016 Group Group Group GR017 Group Group Group GR017 Group Group Group GR018 Group Group Group GR018 Group Group Group GR019 Group Group Group GR019 Group Group Group GR010 Group Group Group GR010 Group Group Group GR011 Group Group Group GR011 Group Group Group GR012 Group Group Group GR013 Group Group Group GR014 Group Group Group GR015 Group Group Group GR016 Group Group Group GR017 Group Group Group Group GR018 Group Group Group Group GR019 Group Group Group Group GR010 Group Group Group Group Group GR010 Group Group Group Group Group Group GR011 Group Group Group Group Group Group Group Grou	GR007b	banded	Iron carbonate	Moderate	pervasive	Weak	None	ļ	
GR008 None Quartz-sulph GR009 Danded Chlorite Weak Dervasive None GR011 Danded Chlorite Weak Dervasive None GR012 Danded Chlorite Weak Dervasive None GR013 Danded Chlorite Weak Dervasive None GR014 RR013 Danded Chlorite Weak Dervasive None GR015 GR016 Group Group Group GR017 Group Group Group Group Group GR017 Group Group Group GR017 Group Group Group GR018 Danded Chlorite Weak Dervasive None GR019 Group Group GR017 Group Group Group GR018 Group Group Group GR019 Group Group Group GR019 Group Group Group GR010 Group Group Group GR010 Group Group Group GR011 Group Group Group GR011 Group Group Group GR012 Group Group Group GR013 Group Group Group GR014 Group Group Group GR015 Group Group Group GR016 Group Group Group GR017 Group Group Group GR017 Group Group Group GR018 Group Group Group GR018 Group Group Group GR019 Group Group Group GR019 Group Group Group GR010 Group Group Group GR010 Group Group Group GR011 Group Group Group GR011 Group Group Group GR012 Group Group Group GR013 Group Group Group GR014 Group Group Group GR015 Group Group Group GR016 Group Group Group GR017 Group Group Group Group GR018 Group Group Group Group GR019 Group Group Group Group GR010 Group Group Group Group Group GR010 Group Group Group Group Group Group GR011 Group Group Group Group Group Group Group Grou	CD007-		C-1-it-	NA - d - u-t -		Madauta	Na.		
SR090	GR007c		Calcite	Moderate	pervasive	Moderate	None		
SR090									
SR090	GRUUS						None	guartz-culph	
GR011 banded Chlorite weak pervasive Weak None GR011a banded Chlorite weak pervasive Weak None GR011a banded Chlorite weak pervasive Weak None GR012 Chlorite weak pervasive Strong Moderate GR013 banded Sericite Very strong pervasive Strong Moderate GR014 massive Chlorite Weak penvasive Mone GR015 fine Chlorite weak penvasive None GR016 banded Chlorite weak penvasive None GR017 Rive Chlorite weak penvasive None GR017 Rive Chlorite weak penvasive None GR018 banded Chlorite weak penvasive None GR019 No		handed	Chlorite	Weak	nervasive			quai tz-suipii	
SR011 banded Chlorite weak pervasive Weak None SR012 Chlorite weak pervasive None SR013 banded Sericite Very strong pervasive Strong Moderate SR013 banded Sericite Very strong pervasive Strong Moderate SR013 Danded Sericite Very strong pervasive Strong Moderate SR014 massive Chlorite Weak pervasive None SR015 fine Chlorite weak pervasive None SR017 fine Chlorite weak pervasive None SR018 Danded Chlorite weak pervasive None None SR018 Danded Chlorite weak pervasive None SR018 Danded Chlorite Weak pervasive None Quartz 0.5 SR0502A Danded Chlorite Weak pervasive Weak None SR0504 Danded Chlorite weak pervasive None None SR0505 Danded Chlorite weak pervasive None None SR0505 Danded Chlorite weak pervasive None None None OL1		banded							
R8011a banded	01.010		Cilionice	reak	pervasive		110110		
R8011a banded									
SR013 banded Sericite Very strong pervasive Strong Moderate SR014 massive Chlorite Weak pervasive Weak SR015 fine Chlorite weak pervasive None SR016 banded Chlorite weak pervasive None SR017 fine Chlorite weak pervasive None SR018 fine Chlorite weak pervasive None SR018 banded Chlorite weak pervasive None SR019 fine None SR019 banded Chlorite Moderate pervasive Weak None quartz SR019 fine SR019 fine None SR019 banded Chlorite weak pervasive Weak None SR019 banded Chlorite weak pervasive None	GR011	banded	Chlorite	weak	pervasive	Weak	None		
SR013 banded Sericite Verystrong pervasive Strong Moderate GR014 massive Chlorite Weak pervasive Weak GR015 fine Chlorite weak pervasive None GR016 banded Chlorite weak pervasive None GR017 fine Chlorite weak pervasive None GR017 fine Chlorite weak pervasive None GR018 banded Chlorite Weak pervasive None GR019 fine Chlorite Weak pervasive None GR019 fine Chlorite Weak Pervasive None GR019 Moderate None Quartz GR019 SR02A Banded Chlorite Weak Pervasive Weak None Quartz GR019 SR02B banded Chlorite Weak Pervasive Weak None GR019 SR02B SR	GR011a	banded					None		
GR014 massive Chlorite Weak pervasive Weak GR015 fine Chlorite weak pervasive None GR016 banded Chlorite weak pervasive None GR017 fine Chlorite weak pervasive None GR017 fine Chlorite weak pervasive None GR02A laminated Bleached Moderate pervasive Moderate None quartz 0.5 GR502A banded Chlorite Moderate pervasive Weak None quartz 1 GR502B banded Chlorite weak pervasive Weak None GR503 banded Chlorite weak pervasive Weak None GR503 banded Chlorite weak pervasive None GR504 banded Chlorite weak pervasive None GR505 banded Chlorite weak pervasive None GR506 banded Chlorite weak pervasive None O.1	GR012		Chlorite	weak	pervasive		None		
GR014 massive Chlorite Weak pervasive Weak GR015 fine Chlorite weak pervasive None GR016 banded Chlorite weak pervasive None GR017 fine Chlorite weak pervasive None GR017 fine Chlorite weak pervasive None GR02A laminated Bleached Moderate pervasive Moderate None quartz 0.5 GR502A banded Chlorite Moderate pervasive Weak None quartz 1 GR502B banded Chlorite weak pervasive Weak None GR503 banded Chlorite weak pervasive Weak None GR503 banded Chlorite weak pervasive None GR504 banded Chlorite weak pervasive None GR505 banded Chlorite weak pervasive None GR506 banded Chlorite weak pervasive None O.1									
GR014 massive Chlorite Weak pervasive Weak GR015 fine Chlorite weak pervasive None GR016 banded Chlorite weak pervasive None GR017 fine Chlorite weak pervasive None GR017 fine Chlorite weak pervasive None GR02A laminated Bleached Moderate pervasive Moderate None quartz 0.5 GR502A banded Chlorite Moderate pervasive Weak None quartz 1 GR502B banded Chlorite weak pervasive Weak None GR503 banded Chlorite weak pervasive Weak None GR503 banded Chlorite weak pervasive None GR504 banded Chlorite weak pervasive None GR505 banded Chlorite weak pervasive None GR506 banded Chlorite weak pervasive None O.1									
GR015 fine Chlorite weak pervasive None GR016 banded Chlorite weak pervasive None RR017 fine Chlorite Weak pervasive Moderate None Quartz 0.3 fine RR02A laminated Bleached Moderate pervasive Weak None Quartz 1 fine RR02C massive None RR03C massive None RR03C weak pervasive Weak None RR03C banded Chlorite weak pervasive None None RR03C banded Chlorite weak pervasive None None RR03C banded Chlorite weak pervasive None None O.1	GR013	banded	Sericite	Very strong	pervasive	Strong	Moderate		
GR015 fine Chlorite weak pervasive None GR016 banded Chlorite weak pervasive None RR017 fine Chlorite Weak pervasive Moderate None Quartz 0.3 fine RR02A laminated Bleached Moderate pervasive Weak None Quartz 1 fine RR02C massive None RR03C massive None RR03C weak pervasive Weak None RR03C banded Chlorite weak pervasive None None RR03C banded Chlorite weak pervasive None None RR03C banded Chlorite weak pervasive None None O.1									
GR015 fine Chlorite weak pervasive None GR016 banded Chlorite weak pervasive None RR017 fine Chlorite Weak pervasive Moderate None Quartz 0.3 fine RR02A laminated Bleached Moderate pervasive Weak None Quartz 1 fine RR02C massive None RR03C massive None RR03C weak pervasive Weak None RR03C banded Chlorite weak pervasive None None RR03C banded Chlorite weak pervasive None None RR03C banded Chlorite weak pervasive None None O.1									
GR015 fine Chlorite weak pervasive None GR016 banded Chlorite weak pervasive None RR017 fine Chlorite Weak pervasive Moderate None Quartz 0.3 fine RR02A laminated Bleached Moderate pervasive Weak None Quartz 1 fine RR02C massive None RR03C massive None RR03C weak pervasive Weak None RR03C banded Chlorite weak pervasive None None RR03C banded Chlorite weak pervasive None None RR03C banded Chlorite weak pervasive None None O.1	GR014	massive	Chlorite	Weak	nervasive		Weak		
GR016 banded Chlorite weak pervasive None GR017 fine Chlorite weak pervasive None GR502A laminated Bleached Moderate pervasive Moderate None quartz 0.5 GR502B banded Chlorite Moderate pervasive Weak None quartz 1 GR502C massive None GR503 banded Chlorite weak pervasive Weak None GR504 banded Chlorite weak pervasive None GR505 banded Chlorite weak pervasive None GR505 banded Chlorite weak pervasive None GR505 banded Chlorite weak pervasive None GR506 banded Chlorite weak pervasive None GR507 None GR508 Danded Chlorite weak pervasive None GR509 None None									
GR502A laminated Bleached Moderate pervasive Moderate None quartz 0.5 GR502B banded Chlorite Moderate pervasive Weak None quartz 1 GR502C massive None SR503 banded Chlorite weak pervasive Weak None GR504 banded Chlorite weak pervasive None SR504 banded Chlorite weak pervasive None SR505 banded Chlorite weak pervasive None None SR505 banded Chlorite weak pervasive None None SR505 banded Chlorite weak pervasive None None O.1	011013		Cilionice	Wedn	pervasive		110110		
GR502A laminated Bleached Moderate pervasive Moderate None quartz 0.5 GR502B banded Chlorite Moderate pervasive Weak None quartz 1 GR502C massive None SR503 banded Chlorite weak pervasive Weak None GR504 banded Chlorite weak pervasive None SR504 banded Chlorite weak pervasive None SR505 banded Chlorite weak pervasive None None GR505 banded Chlorite weak pervasive None None SR505 banded Chlorite weak pervasive None None O.1	GR016	banded	Chlorite	weak	pervasive		None		
GR502B banded Chlorite Moderate pervasive Weak None quartz 1 GR502C massive None GR503 banded Chlorite weak pervasive Weak None GR504 banded Chlorite weak pervasive None GR505 banded Chlorite weak pervasive None GR505 banded Chlorite weak pervasive None GR506 banded Chlorite weak pervasive None O.1	GR017								
GR502B banded Chlorite Moderate pervasive Weak None quartz 1 GR502C massive None GR503 banded Chlorite weak pervasive Weak None GR504 banded Chlorite weak pervasive None GR505 banded Chlorite weak pervasive None GR505 banded Chlorite weak pervasive None GR506 banded Chlorite weak pervasive None O.1									
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GR502C massive None GR503 banded Chlorite weak pervasive Weak None GR504 banded Chlorite weak pervasive None GR505 banded Chlorite weak pervasive None GR506 banded Chlorite weak pervasive None GR506 banded Chlorite weak pervasive None O.1					1	1	ĺ	l	
GR502C massive None GR503 banded Chlorite weak pervasive Weak None GR504 banded Chlorite weak pervasive None GR505 banded Chlorite weak pervasive None GR506 banded Chlorite weak pervasive None GR506 banded Chlorite weak pervasive None O.1									
GR502C massive None GR503 banded Chlorite weak pervasive Weak None GR504 banded Chlorite weak pervasive None GR505 banded Chlorite weak pervasive None GR506 banded Chlorite weak pervasive None GR506 banded Chlorite weak pervasive None O.1									
GR502C massive None GR503 banded Chlorite weak pervasive Weak None GR504 banded Chlorite weak pervasive None GR505 banded Chlorite weak pervasive None GR506 banded Chlorite weak pervasive None GR506 banded Chlorite weak pervasive None O.1]			l	
GR502C massive None GR503 banded Chlorite weak pervasive Weak None GR504 banded Chlorite weak pervasive None GR505 banded Chlorite weak pervasive None GR506 banded Chlorite weak pervasive None GR506 banded Chlorite weak pervasive None O.1					1		1	l	
GR502C massive None GR503 banded Chlorite weak pervasive Weak None GR504 banded Chlorite weak pervasive None GR505 banded Chlorite weak pervasive None GR506 banded Chlorite weak pervasive None GR506 banded Chlorite weak pervasive None O.1					1	1	ĺ	l	
GR502C massive None GR503 banded Chlorite weak pervasive Weak None GR504 banded Chlorite weak pervasive None GR505 banded Chlorite weak pervasive None GR506 banded Chlorite weak pervasive None GR506 banded Chlorite weak pervasive None O.1	GR502B	banded	Chlorite	Moderate	pervasive	Weak	None	quartz	1
GR503 banded Chlorite weak pervasive Weak None GR504 banded Chlorite weak pervasive None GR505 banded Chlorite weak pervasive None GR506 banded Chlorite weak pervasive None GR506 banded Chlorite weak pervasive None 0.1									
GR503 banded Chlorite weak pervasive Weak None GR504 banded Chlorite weak pervasive None GR505 banded Chlorite weak pervasive None GR506 banded Chlorite weak pervasive None GR506 banded Chlorite weak pervasive None 0.1]			l	
GR503 banded Chlorite weak pervasive Weak None GR504 banded Chlorite weak pervasive None GR505 banded Chlorite weak pervasive None GR506 banded Chlorite weak pervasive None GR506 banded Chlorite weak pervasive None 0.1]			l	
GR504 banded Chlorite weak pervasive None GR505 banded Chlorite weak pervasive None GR506 banded Chlorite weak pervasive None O.1	GR502C	massive					None	ļ	
GR504 banded Chlorite weak pervasive None GR505 banded Chlorite weak pervasive None GR506 banded Chlorite weak pervasive None O.1	l		L		l .	l	l	l	
GR505 banded Chlorite weak pervasive None GR506 banded Chlorite weak pervasive None 0.1	GR503					Weak		.	
GR506 banded Chlorite weak pervasive None 0.1	GK5U4	D4110E0	Chlorité	weak	pervasive		ivone		
GR506 banded Chlorite weak pervasive None 0.1]]	
GR506 banded Chlorite weak pervasive None 0.1	GR505	banded	Chlorite	weak	pervasive		None]	
							22		
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GR507 banded Chlorite weak pervasive None 0.5	GR506	banded	Chlorite	weak	pervasive		None	<u></u>	0.1
GR507 banded Chlorite weak pervasive None 0.5									
GR507 banded Chlorite weak pervasive None 0.5					1		1	l	
	GR507	banded	Chlorite	weak	pervasive		None		0.5

Station_ID	Vein_Text	Vein_Morp	Vein_width_cm	Mineralization	Min_percent	2_Mineralization	2_Min_percent
GR001 GR001a	V_lam	V_straight	1				
GR002							
GR003							
GR004				pyrite	0.5		
GR004				pyrite	5		
GR004	V_Sacc	V_boud	2	pyrite	2		
	_=====		2				
GR004				pyrite	1		
Cove1							
Core1							
Core2		ļ		aveita	2.5		
GR005 GR005a				pyrite	0.5		
GR005b							
GR005c							
GR006							
GR006a GR007a				pyrite	1		
5.10074				p ₁ c	<u> </u>		
GR007b				pyrite	4		
				.,			
GR007c							
GR008	V_Sacc	V_straight	45	Pyrite	3	Galena	0.5
GR009			43	,			0.3
GR010							
GR011							
GR011a							
GR012							
GR013				Pyrrhotite	8	Pyrite	5
GR014							
GR015							
GP016							
GR016 GR017							
					ĺ		
GR502A	V_Sacc	V_straight	1	pyrite	0.5		
GR502B	V_Sacc	V_straight	1	pyrite	0.1		
	_						
GR502C	<u> </u>				<u></u>		
GR503 GR504							
GR505							
GV303							
GR506	v_sacc	v_straight	1				
311300	3000	struigHt	1				
GP507	v sacc	v strajaht	4				
GR507	v_sacc	v_straight	1		l		

r	T				1-	I	T	Ta .
Station_ID	Planar_structure	Az	Dip	sample_ID	Au_ppm	Analysis	sample_descr	Comments
								Centimetre-scale Qv,DDH intercept
GR001	foliation	128	44	253425	0.006	FA, ICP	Fox Farm Island Showing,	under lake
GR001a								
GR002								
GR003	foliation	80	62					
								Hanging wall, to historical trench,
								unaltered mafic tuff,adjacent to granite
GR004	foliation	320	54	253426	<0.005	FA, ICP	Fox Farm Showing	dyke
								35 cm wide, strong sericite, limonitic
GR004				253427	0.008	FA, ICP	Fox Farm Showing	staining. 3-5% py
							Ĭ	2-3 cm wide boudin grey qv, 1-2% py in
GR004				253428	<0.005	FA, ICP	Fox Farm Showing	host sericite schist
CHOO!				255 126	10.003	17,9101	1 GAT GITT SHEWING	15-20 cm skarn-like alteration, garnet,
GR004				253429	0.041	FA, ICP	Fox Farm Showing	tremolite,diopside
GROOT				233423	0.041	TA, ICI	TOXTUINISHOWING	Banded mafic tuff with rare qz-ank
								veinlets, tr-1/2 Py, centimetre-scale Bi
Core1				253422	0.006	FA, ICP	Sampled pile of DDH core	rich bands
Corei	_	_	-	233422	0.000	ra, icr	Sampled pile of DDH core	Banded mafic tuff with rare qz-ank
				252422		F. 100	6 1 1 1 6 6 6 6 1	
Core2		-		253423	<0.005	FA, ICP	Sampled pile of DDH core	veinlets, tr-1/2 Py
GR005	foliation	137	37	253432	0.007	FA, ICP		
GR005a								
GR005b								
GR005c				ļ	<u> </u>	<u> </u>		
GR006								
GR006a								
GR007a				253424	<0.005	FA, ICP	Eastern Fox Farm Showing	Hanging wall Mv
								10 m Shear Zone, 2-5% dissemianted Py
								with weak Ank, bulk of shear is buried
GR007b				253430	0.008	FA, ICP	Eastern Fox Farm Showing	between 2 o/c
0110075				255 150	0.000	17,9101	zastem ox ram snowing	Fine-grained, weakly bleached footwall
GR007c				253433	0.005	FA, ICP	Eastern Fox Farm Showing	sediments
GROOPE				233433	0.003	TA, ICI	Lasterii i ox i ariii Silowing	Light Grey Qv, numerous pits, ddh
								casings@028°/44°, deep ovb, 2-3% dis
GR008	16.11			253431	<0.005	FA, ICP	NorthHolt Occurrence	Py, tr Gn
GR009	foliation	108	34		ļ			
GR010								
								Series of metre-scale granodiorite dykes
GR011	foliation	108	29	253434	0.011	FA, ICP	Diss Py within Mv	@ 248°/46°, trace-1/2% diss Py in Mv
GR011a								
GR012	foliation	102	62					
								Sericitic alt th-o, Wacke w 2-3% Py,
								Argillite 5-6Py, tr Po, SMS 20% Po& 10%
GR013	Bedding	130	62	253435	0.038	FA, ICP	Chip sample across IF	Py
								Massive, coarse-grained intrusive
								composed of ampiboles morphing
GR014								original olivine xtal
GR015								Ü
					1	1	1	
GR016	foliation	79	46					Banding defined by varying Bi content
GR017	Tonacion	,,,			1	1		burianing definited by varying broomtene
GROIT					1			
								Pinkish coloured weathered surface.
								Mm-scale laminations. High quartz
								•
CDEO34	foliation			252264	40.00F	EA JOB	Ou with to St	content, primary. Blebby py <0.5%.
GR502A	foliation	72	/6	253291	<0.005	FA, ICP	Qv with tr Py	Moderately foliated.
								Di
								Dk green-grey weathered surface. Cm-
								scale banding with interbeds of mm-
				ĺ				scale layers of 502A rock. Some layers
				ĺ				are more erosional than others, higher
	I			1			1	BI content. Moderately foliated.
GR502B			L	253292	<0.005	FA, ICP	Qv with tr Py	Sulphides within felsic layers.
				ĺ				Irregular contact (278/56 & 265/81),
	1			ĺ				dominating ridge and outcrop to the
			70					NW. Very weakly foliated.
GR502C	contact	270	70			1	1	
GR502C	contact	270	70					Weakly foliated, wk-tr Fe staining on
					<0.005	FA, ICP	Fe stained Mv	• · · · · · · · · · · · · · · · · · · ·
GR503	foliation	270 78		253293	<0.005	FA, ICP	Fe stained Mv	surface.
					<0.005	FA, ICP	Fe stained Mv	• · · · · · · · · · · · · · · · · · · ·
GR503					<0.005	FA, ICP	Fe stained Mv	surface. Ser? Altered bands.
GR503 GR504	foliation	78	73		<0.005	FA, ICP	Fe stained Mv	surface. Ser? Altered bands. Ser? Altered bands, sometimes
GR503					<0.005	FA, ICP	Fe stained Mv	surface. Ser? Altered bands. Ser? Altered bands, sometimes xcutting/bleeding across foliation.
GR503 GR504	foliation	78	73		<0.005	FA, ICP	Fe stained Mv	surface. Ser? Altered bands. Ser? Altered bands, sometimes xcutting/bleeding across foliation. Discontinous veining, with ser altered
GR503 GR504 GR505	foliation	78	73		<0.005	FA, ICP	Fe stained Mv	surface. Ser? Altered bands. Ser? Altered bands, sometimes xcutting/bleeding across foliation. Discontinous veining, with ser altered bleeding into host rock. Less ser alt than
GR503 GR504	foliation	78	73		<0.005	FA, ICP	Fe stained Mv	surface. Ser? Altered bands. Ser? Altered bands, sometimes xcutting/bleeding across foliation. Discontinous veining, with ser altered
GR503 GR504 GR505	foliation	78	73		<0.005	FA, ICP	Fe stained Mv	surface. Ser? Altered bands. Ser? Altered bands, sometimes xcutting/bleeding across foliation. Discontinous veining, with ser altered bleeding into host rock. Less ser alt than 505.
GR503 GR504 GR505	foliation	78	73	253293	<0.005	FA, ICP	Fe stained Mv	surface. Ser? Altered bands. Ser? Altered bands, sometimes xcutting/bleeding across foliation. Discontinous veining, with ser altered bleeding into host rock. Less ser alt than