2022 YUKON MINERAL EXPLORATION PROGRAM (YMEP) REPORT AND GEOLOGICAL AND GEOCHEMICAL ASSESSMENT REPORT ON THE CLIFF PROJECT

2022 Yukon Mineral Exploration Program
Hard Rock: Target Evaluation
Project #22-033

With work performed on:

Claim Names	Grant Numbers
CLIFF 27	YD125169
CLIFF 59	YD125201
CLIFF 61	YE51181
CLIFF 62	YE51182
CLIFF 63	YE51183
CLIFF 64	YE51184
CLIFF 88	YE51308
CLIFF 90	YE51310
CLIFF 92	YE51312

NTS Map Sheet: 115H04
Latitude 61.156742° N, Longitude 137.645233° W

Located in the
Whitehorse Mining District, Yukon Territory

Prepared by:
Shane Carlos, B.Sc.

Claims owned by:
Senoa Gold Corp. 100%

Work Carried out by:

SNOWLINE GOLD CORP.

Work performed:
August 29th to September 2nd, 2022.

Date Submitted: April 3rd, 2023.

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1 Summary

The Cliff Property is located North of the town of Haines Junction beside Killermun Lake in the Whitehorse Mining District and is accessible by helicopter or float plane. The project constitutes an orogenic gold bearing target, hosted in Kluane schist and gneiss. The claim block consists of 131 claims but the majority of the work was conducted on three claims with the aim of advancing an historical gold in soils anomaly and single rock float sample with 7.3g/t Au. The 2022 exploration program lasted four days in late August with a crew of two geologists and two prospectors gathering 53 rock samples, 4 soils and producing a geologic map. A new gold mineralized trend was discovered with an exposed strike length of 210 m and a width of approximately 40 m. Within this approximately defined and interpreted area, are newly mapped, narrow, sheeted, quartz-arsenopyrite veins and parallel rusty joint surfaces hosted entirely within gneiss. The further defined mineralized area does explain the significant presence of the historical gold in soils anomaly and may warrant drill testing and/or channel sampling.

2 Introduction

This report has been prepared for the joint purpose of fulfilling the requirements of the Yukon Mineral Exploration Program (YMEP) funding and the requirements of the Certificate of Work filings for work conducted in 2022 on the Cliff Property.

Snowline Gold Corp. employees left Whitehorse on the morning of August 29th, 2022, driving to the town of Haines Junction, Yukon for a helicopter departure from the local airport. Employees, Emily Mervyn, Connor O'Donovan, Jean Pautler and Shane Carlos loaded and transported supplies and ourselves via helicopter in two trips to the Cliff Property some 41.3 kilometers away at a bearing of 352 Azimuth.

Camp was set-up that morning in the valley below the mountainside of interest with wired poles from the nearby forest and plastic tents set-up for sleeping. The location of the camp is at an elevation of 1026 meters above sea level and at coordinates 358043E, 6783909N in NAD83 Zone 8. Much of the area around camp is marshy and only suitable for a landing that remained under engine power.

That morning and through to the 31st of August personal hiked a minimum of 175 meters and a minimum 300 meters of vertical elevation gain to the base of the rock exposure for rock sampling, prospecting, minor soil sampling, and geological mapping. The area targeted was the highest gold value core of a 1.7 kilometer long historical gold in soil anomaly and a single 7.3 g/t Au rock float sample. The area is referred to as the Cliff Main Zone in the associated YMEP application (Burdahl 2022).

On the 31st of August one of the personal had an injury and requested to be helicoptered out early on September 1st and the majority of rock samples and some camp gear was flown out at the same time. On the 2nd of September a planned morning departure was delayed to the

afternoon and this time was used to begin organizing samples and data. A single trip was required to load the remainder of samples and three remaining personal in the return flight to Haines Junction and then a drive back into Whitehorse.

3 Property Description and Location

3.1 Location and Access

Figure 1 below shows the property location in relation to the Yukon boundary, roads and human settlements. The property is located immediately to the East along the long axis of the strike of Killermun and Shutdunmun Lakes (see Figure 2) about 40km north of the town of Haines Junction, Yukon. The location by latitude and longitude for the claims is, 61.156742° N, 137.645233° W.



Additionally, there appears to be trail access to within approximately 20km due west of the property at an historical placer workings near to Big Joe Lake on the Fourth of July Creek as well as the Twelfth of July airstrip, roughly 17 km west of the property.

There is an outfitter's cabin on Killermun Lake with horse trails around the property. Killermun and Shutdunmun Lakes are large enough for float plane access.

The location of the new camp for this past season is at an elevation of 1026 meters above sea level and at coordinates 358043E, 6783909N in NAD83 Zone 8. The camp used during this work program was accessed via helicopter.

Figure 1. Cliff Property Location. The yellow star indicates the location of the Cliff Property in relation to Yukon roads and settlements.

3.2 Claim tenure

The Cliff Property includes 131 contiguous quartz claims covering 2,738 ha. The claim ownership is listed as Senoa Gold Corp which is a subdiary of Snowline Gold Corp. A complete list of active claims is provided in Table 1 and shown graphically in Figure 2.

Nearby competitors are Archer Cathro and Associates which hold claims to the northwest of the northwestern edge of the property but not in immediate contact.

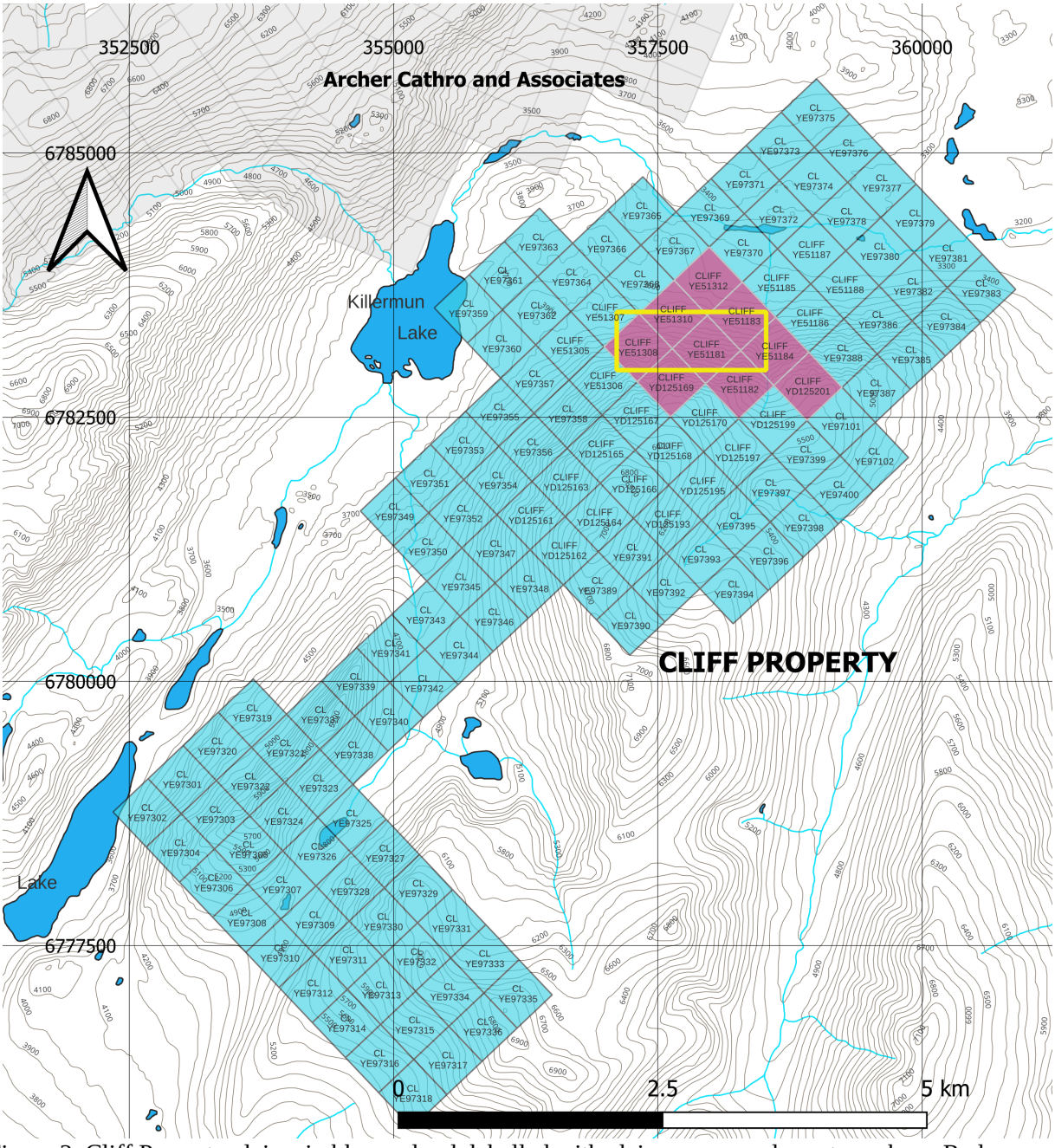


Figure 2. Cliff Property claims in blue and red, labelled with claim names and grant numbers. Red indicates the claims upon which work was conducted and referenced for this report. Competitor claims are shown in grey. Grid system is in meters, NAD83 Z8 UTM and elevations are labelled in feet above sea level. The yellow outline indicates the area of 1:2000 mapping.

Table 1. List of Cliff Property Claims.

Count	GRANT_NUM	TENURE	STATUS	LABEL	CLAIM_NAME	CLAIM_NUM	OWNER	Operator
1	YD125161	Quartz	Active	CLIFF 19	CLIFF	19	Senoa Gold Corp - 100%	Snowline Gold Corp
2	YD125162	Quartz	Active	CLIFF 20	CLIFF	20	Senoa Gold Corp - 100%	Snowline Gold Corp
3	YD125163	Quartz	Active	CLIFF 21	CLIFF	21	Senoa Gold Corp - 100%	Snowline Gold Corp
4	YD125164	Quartz	Active	CLIFF 22	CLIFF	22	Senoa Gold Corp - 100%	Snowline Gold Corp
5	YD125165	Quartz	Active	CLIFF 23	CLIFF	23	Senoa Gold Corp - 100%	Snowline Gold Corp
6	YD125166	Quartz	Active	CLIFF 24	CLIFF	24	Senoa Gold Corp - 100%	Snowline Gold Corp
7	YD125167	Quartz	Active	CLIFF 25	CLIFF	25	Senoa Gold Corp - 100%	Snowline Gold Corp
8	YD125168	Quartz	Active	CLIFF 26	CLIFF	26	Senoa Gold Corp - 100%	Snowline Gold Corp
9	YD125169	Quartz	Active	CLIFF 27	CLIFF	27	Senoa Gold Corp - 100%	Snowline Gold Corp
10	YD125170	Quartz	Active	CLIFF 28	CLIFF	28	Senoa Gold Corp - 100%	Snowline Gold Corp
11	YD125193	Quartz	Active	CLIFF 51	CLIFF	51	Senoa Gold Corp - 100%	Snowline Gold Corp
12	YD125195	Quartz	Active	CLIFF 53	CLIFF	53	Senoa Gold Corp - 100%	Snowline Gold Corp
13	YD125197	Quartz	Active	CLIFF 55	CLIFF	55	Senoa Gold Corp - 100%	Snowline Gold Corp
14	YD125199	Quartz	Active	CLIFF 57	CLIFF	57	Senoa Gold Corp - 100%	Snowline Gold Corp
15	YD125201	Quartz	Active	CLIFF 59	CLIFF	59	Senoa Gold Corp - 100%	Snowline Gold Corp
16	YE51181	Quartz	Active	CLIFF 61	CLIFF	61	Senoa Gold Corp - 100%	Snowline Gold Corp
17	YE51182	Quartz	Active	CLIFF 62	CLIFF	62	Senoa Gold Corp - 100%	Snowline Gold Corp
18	YE51183	Quartz	Active	CLIFF 63	CLIFF	63	Senoa Gold Corp - 100%	Snowline Gold Corp
19	YE51184	Quartz	Active	CLIFF 64	CLIFF	64	Senoa Gold Corp - 100%	Snowline Gold Corp
20	YE51185	Quartz	Active	CLIFF 65	CLIFF	65	Senoa Gold Corp - 100%	Snowline Gold Corp
21	YE51186	Quartz	Active	CLIFF 66	CLIFF	66	Senoa Gold Corp - 100%	Snowline Gold Corp
22	YE51187	Quartz	Active	CLIFF 67	CLIFF	67	Senoa Gold Corp - 100%	Snowline Gold Corp
23	YE51188	Quartz	Active	CLIFF 68	CLIFF	68	Senoa Gold Corp - 100%	Snowline Gold Corp
24	YE51305	Quartz	Active	CLIFF 85	CLIFF	85	Senoa Gold Corp - 100%	Snowline Gold Corp
25	YE51306	Quartz	Active	CLIFF 86	CLIFF	86	Senoa Gold Corp - 100%	Snowline Gold Corp
26	YE51307	Quartz	Active	CLIFF 87	CLIFF	87	Senoa Gold Corp - 100%	Snowline Gold Corp
27	YE51308	Quartz	Active	CLIFF 88	CLIFF	88	Senoa Gold Corp - 100%	Snowline Gold Corp
28	YE51310	Quartz	Active	CLIFF 90	CLIFF	90	Senoa Gold Corp - 100%	Snowline Gold Corp
29	YE51312	Quartz	Active	CLIFF 92	CLIFF	92	Senoa Gold Corp - 100%	Snowline Gold Corp
30	YE97101	Quartz	Active	CL 101	CL	101	Senoa Gold Corp - 100%	Snowline Gold Corp
31	YE97102	Quartz	Active	CL 102	CL	102	Senoa Gold Corp - 100%	Snowline Gold Corp
32	YE97301	Quartz	Active	CL 1	CL	1	Senoa Gold Corp - 100%	Snowline Gold Corp

Count	GRANT_NUM	TENURE	STATUS	LABEL	CLAIM_NAME	CLAIM_NUM	OWNER	Operator
33	YE97302	Quartz	Active	CL 2	CL	2	Senoa Gold Corp - 100%	Snowline Gold Corp
34	YE97303	Quartz	Active	CL 3	CL	3	Senoa Gold Corp - 100%	Snowline Gold Corp
35	YE97304	Quartz	Active	CL 4	CL	4	Senoa Gold Corp - 100%	Snowline Gold Corp
36	YE97305	Quartz	Active	CL 5	CL	5	Senoa Gold Corp - 100%	Snowline Gold Corp
37	YE97306	Quartz	Active	CL 6	CL	6	Senoa Gold Corp - 100%	Snowline Gold Corp
38	YE97307	Quartz	Active	CL 7	CL	7	Senoa Gold Corp - 100%	Snowline Gold Corp
39	YE97308	Quartz	Active	CL 8	CL	8	Senoa Gold Corp - 100%	Snowline Gold Corp
40	YE97309	Quartz	Active	CL 9	CL	9	Senoa Gold Corp - 100%	Snowline Gold Corp
41	YE97310	Quartz	Active	CL 10	CL	10	Senoa Gold Corp - 100%	Snowline Gold Corp
42	YE97311	Quartz	Active	CL 11	CL	11	Senoa Gold Corp - 100%	Snowline Gold Corp
43	YE97312	Quartz	Active	CL 12	CL	12	Senoa Gold Corp - 100%	Snowline Gold Corp
44	YE97313	Quartz	Active	CL 13	CL	13	Senoa Gold Corp - 100%	Snowline Gold Corp
45	YE97314	Quartz	Active	CL 14	CL	14	Senoa Gold Corp - 100%	Snowline Gold Corp
46	YE97315	Quartz	Active	CL 15	CL	15	Senoa Gold Corp - 100%	Snowline Gold Corp
47	YE97316	Quartz	Active	CL 16	CL	16	Senoa Gold Corp - 100%	Snowline Gold Corp
48	YE97317	Quartz	Active	CL 17	CL	17	Senoa Gold Corp - 100%	Snowline Gold Corp
49	YE97318	Quartz	Active	CL 18	CL	18	Senoa Gold Corp - 100%	Snowline Gold Corp
50	YE97319	Quartz	Active	CL 19	CL	19	Senoa Gold Corp - 100%	Snowline Gold Corp
51	YE97320	Quartz	Active	CL 20	CL	20	Senoa Gold Corp - 100%	Snowline Gold Corp
52	YE97321	Quartz	Active	CL 21	CL	21	Senoa Gold Corp - 100%	Snowline Gold Corp
53	YE97322	Quartz	Active	CL 22	CL	22	Senoa Gold Corp - 100%	Snowline Gold Corp
54	YE97323	Quartz	Active	CL 23	CL	23	Senoa Gold Corp - 100%	Snowline Gold Corp
55	YE97324	Quartz	Active	CL 24	CL	24	Senoa Gold Corp - 100%	Snowline Gold Corp
56	YE97325	Quartz	Active	CL 25	CL	25	Senoa Gold Corp - 100%	Snowline Gold Corp
57	YE97326	Quartz	Active	CL 26	CL	26	Senoa Gold Corp - 100%	Snowline Gold Corp
58	YE97327	Quartz	Active	CL 27	CL	27	Senoa Gold Corp - 100%	Snowline Gold Corp
59	YE97328	Quartz	Active	CL 28	CL	28	Senoa Gold Corp - 100%	Snowline Gold Corp
60	YE97329	Quartz	Active	CL 29	CL	29	Senoa Gold Corp - 100%	Snowline Gold Corp
61	YE97330	Quartz	Active	CL 30	CL	30	Senoa Gold Corp - 100%	Snowline Gold Corp
62	YE97331	Quartz	Active	CL 31	CL	31	Senoa Gold Corp - 100%	Snowline Gold Corp
63	YE97332	Quartz	Active	CL 32	CL	32	Senoa Gold Corp - 100%	Snowline Gold Corp
64	YE97333	Quartz	Active	CL 33	CL	33	Senoa Gold Corp - 100%	Snowline Gold Corp
65	YE97334	Quartz	Active	CL 34	CL	34	Senoa Gold Corp - 100%	Snowline Gold Corp
66	YE97335	Quartz	Active	CL 35	CL	35	Senoa Gold	Snowline Gold

Count	GRANT_NUM	TENURE	STATUS	LABEL	CLAIM_NAME	CLAIM_NUM	OWNER	Operator
							Corp - 100%	Corp
67	YE97336	Quartz	Active	CL 36	CL	36	Senoa Gold Corp - 100%	Snowline Gold Corp
68	YE97337	Quartz	Active	CL 37	CL	37	Senoa Gold Corp - 100%	Snowline Gold Corp
69	YE97338	Quartz	Active	CL 38	CL	38	Senoa Gold Corp - 100%	Snowline Gold Corp
70	YE97339	Quartz	Active	CL 39	CL	39	Senoa Gold Corp - 100%	Snowline Gold Corp
71	YE97340	Quartz	Active	CL 40	CL	40	Senoa Gold Corp - 100%	Snowline Gold Corp
72	YE97341	Quartz	Active	CL 41	CL	41	Senoa Gold Corp - 100%	Snowline Gold Corp
73	YE97342	Quartz	Active	CL 42	CL	42	Senoa Gold Corp - 100%	Snowline Gold Corp
74	YE97343	Quartz	Active	CL 43	CL	43	Senoa Gold Corp - 100%	Snowline Gold Corp
75	YE97344	Quartz	Active	CL 44	CL	44	Senoa Gold Corp - 100%	Snowline Gold Corp
76	YE97345	Quartz	Active	CL 45	CL	45	Senoa Gold Corp - 100%	Snowline Gold Corp
77	YE97346	Quartz	Active	CL 46	CL	46	Senoa Gold Corp - 100%	Snowline Gold Corp
78	YE97347	Quartz	Active	CL 47	CL	47	Senoa Gold Corp - 100%	Snowline Gold Corp
79	YE97348	Quartz	Active	CL 48	CL	48	Senoa Gold Corp - 100%	Snowline Gold Corp
80	YE97349	Quartz	Active	CL 49	CL	49	Senoa Gold Corp - 100%	Snowline Gold Corp
81	YE97350	Quartz	Active	CL 50	CL	50	Senoa Gold Corp - 100%	Snowline Gold Corp
82	YE97351	Quartz	Active	CL 51	CL	51	Senoa Gold Corp - 100%	Snowline Gold Corp
83	YE97352	Quartz	Active	CL 52	CL	52	Senoa Gold Corp - 100%	Snowline Gold Corp
84	YE97353	Quartz	Active	CL 53	CL	53	Senoa Gold Corp - 100%	Snowline Gold Corp
85	YE97354	Quartz	Active	CL 54	CL	54	Senoa Gold Corp - 100%	Snowline Gold Corp
86	YE97355	Quartz	Active	CL 55	CL	55	Senoa Gold Corp - 100%	Snowline Gold Corp
87	YE97356	Quartz	Active	CL 56	CL	56	Senoa Gold Corp - 100%	Snowline Gold Corp
88	YE97357	Quartz	Active	CL 57	CL	57	Senoa Gold Corp - 100%	Snowline Gold Corp
89	YE97358	Quartz	Active	CL 58	CL	58	Senoa Gold Corp - 100%	Snowline Gold Corp
90	YE97359	Quartz	Active	CL 59	CL	59	Senoa Gold Corp - 100%	Snowline Gold Corp
91	YE97360	Quartz	Active	CL 60	CL	60	Senoa Gold Corp - 100%	Snowline Gold Corp
92	YE97361	Quartz	Active	CL 61	CL	61	Senoa Gold Corp - 100%	Snowline Gold Corp
93	YE97362	Quartz	Active	CL 62	CL	62	Senoa Gold Corp - 100%	Snowline Gold Corp
94	YE97363	Quartz	Active	CL 63	CL	63	Senoa Gold Corp - 100%	Snowline Gold Corp
95	YE97364	Quartz	Active	CL 64	CL	64	Senoa Gold Corp - 100%	Snowline Gold Corp
96	YE97365	Quartz	Active	CL 65	CL	65	Senoa Gold Corp - 100%	Snowline Gold Corp
97	YE97366	Quartz	Active	CL 66	CL	66	Senoa Gold Corp - 100%	Snowline Gold Corp
98	YE97367	Quartz	Active	CL 67	CL	67	Senoa Gold Corp - 100%	Snowline Gold Corp
99	YE97368	Quartz	Active	CL 68	CL	68	Senoa Gold Corp - 100%	Snowline Gold Corp

Count	GRANT_NUM	TENURE	STATUS	LABEL	CLAIM_NAME	CLAIM_NUM	OWNER	Operator
100	YE97369	Quartz	Active	CL 69	CL	69	Senoa Gold Corp - 100%	Snowline Gold Corp
101	YE97370	Quartz	Active	CL 70	CL	70	Senoa Gold Corp - 100%	Snowline Gold Corp
102	YE97371	Quartz	Active	CL 71	CL	71	Senoa Gold Corp - 100%	Snowline Gold Corp
103	YE97372	Quartz	Active	CL 72	CL	72	Senoa Gold Corp - 100%	Snowline Gold Corp
104	YE97373	Quartz	Active	CL 73	CL	73	Senoa Gold Corp - 100%	Snowline Gold Corp
105	YE97374	Quartz	Active	CL 74	CL	74	Senoa Gold Corp - 100%	Snowline Gold Corp
106	YE97375	Quartz	Active	CL 75	CL	75	Senoa Gold Corp - 100%	Snowline Gold Corp
107	YE97376	Quartz	Active	CL 76	CL	76	Senoa Gold Corp - 100%	Snowline Gold Corp
108	YE97377	Quartz	Active	CL 77	CL	77	Senoa Gold Corp - 100%	Snowline Gold Corp
109	YE97378	Quartz	Active	CL 78	CL	78	Senoa Gold Corp - 100%	Snowline Gold Corp
110	YE97379	Quartz	Active	CL 79	CL	79	Senoa Gold Corp - 100%	Snowline Gold Corp
111	YE97380	Quartz	Active	CL 80	CL	80	Senoa Gold Corp - 100%	Snowline Gold Corp
112	YE97381	Quartz	Active	CL 81	CL	81	Senoa Gold Corp - 100%	Snowline Gold Corp
113	YE97382	Quartz	Active	CL 82	CL	82	Senoa Gold Corp - 100%	Snowline Gold Corp
114	YE97383	Quartz	Active	CL 83	CL	83	Senoa Gold Corp - 100%	Snowline Gold Corp
115	YE97384	Quartz	Active	CL 84	CL	84	Senoa Gold Corp - 100%	Snowline Gold Corp
116	YE97385	Quartz	Active	CL 85	CL	85	Senoa Gold Corp - 100%	Snowline Gold Corp
117	YE97386	Quartz	Active	CL 86	CL	86	Senoa Gold Corp - 100%	Snowline Gold Corp
118	YE97387	Quartz	Active	CL 87	CL	87	Senoa Gold Corp - 100%	Snowline Gold Corp
119	YE97388	Quartz	Active	CL 88	CL	88	Senoa Gold Corp - 100%	Snowline Gold Corp
120	YE97389	Quartz	Active	CL 89	CL	89	Senoa Gold Corp - 100%	Snowline Gold Corp
121	YE97390	Quartz	Active	CL 90	CL	90	Senoa Gold Corp - 100%	Snowline Gold Corp
122	YE97391	Quartz	Active	CL 91	CL	91	Senoa Gold Corp - 100%	Snowline Gold Corp
123	YE97392	Quartz	Active	CL 92	CL	92	Senoa Gold Corp - 100%	Snowline Gold Corp
124	YE97393	Quartz	Active	CL 93	CL	93	Senoa Gold Corp - 100%	Snowline Gold Corp
125	YE97394	Quartz	Active	CL 94	CL	94	Senoa Gold Corp - 100%	Snowline Gold Corp
126	YE97395	Quartz	Active	CL 95	CL	95	Senoa Gold Corp - 100%	Snowline Gold Corp
127	YE97396	Quartz	Active	CL 96	CL	96	Senoa Gold Corp - 100%	Snowline Gold Corp
128	YE97397	Quartz	Active	CL 97	CL	97	Senoa Gold Corp - 100%	Snowline Gold Corp
129	YE97398	Quartz	Active	CL 98	CL	98	Senoa Gold Corp - 100%	Snowline Gold Corp
130	YE97399	Quartz	Active	CL 99	CL	99	Senoa Gold Corp - 100%	Snowline Gold Corp
131	YE97400	Quartz	Active	CL 100	CL	100	Senoa Gold Corp - 100%	Snowline Gold Corp

3.3 Physiography and Vegetation

The following physiographical description in quotations is taken from Scott Berdhal's 2012 Assessment Report on the Cliff Property:

"The Cliff Property is located in the Ruby Range, a region of rounded and glacially incised mountains to the east of Kluane Lake. The Cliff Property stretches along the eastern flank of the broad, northeast-southwest trending glacial valley housing Killermun and Shutdunmun lakes, covering a 2130 m (7000 ft) mountain plateau along its north end and a hanging tributary valley towards the southern end of the property, as well as a steep 1830 m (6000 ft) ridge separating the tributary valley from Shutdumun Lake (Figure 2). Along its north and west sides, the mountain plateau drops sharply some 1000 m (3280 ft) into the Killermun-Shutdunmun valley, lending the property its name."

"Vegetation on the Cliff Property is dominantly alpine grasses and mosses, though dwarf birch, willow and black spruce are present in the lower elevations of the hanging valley. Overburden ranges from felsenmeer frost boils at high altitudes through talus on steeper slopes and glacial till in the hanging valley, with minor permafrost concentrated on north-facing slopes."

3.4 Climate

The following climate description in quotations is taken from Scott Berdhal's 2012 Assessment Report on the Cliff Property:

"The local climate is relatively dry, with nearby Haines Junction receiving roughly 30 cm of precipitation annually. Temperatures range from daily highs of 10 to 30°C in the summer months (May to August) and can drop as low as -40 to -50°C in the winter, with a high degree of variability at any time of year. The region is accessible for regular surface exploration from late May/early June through to September, though snows can linger on north facing slopes well into the summer, and the first winter snows can begin at high altitude as early as late August. Streams generally freeze up around October."

During the period of work in late August to early September conditions were favourable though we experienced very strong wind gusts which required the camp to be very securely fastened. Haines Junction is known for high winds off of the Kluane Mountains so the wind gusts experienced were not surprising.

4 Exploration History

4.1 Prior to 2022

The following exploration history in quotations is taken from Snowline Gold Corp.'s 2022 YMEP Application with minor additions in brackets (ie. [ ])by the author:

"Placer gold was discovered on Ruby Creek in June of 1903 by Skookum Jim Mason and Dawson Charlie, discoverers of the Klondike gold fields, along with Jim Boss. That summer saw a stampede of over 500 prospectors to the region, with placer claims staked on Fourth of July, Twelfth of July and surrounding creeks. Gold production soon commenced on these creeks and spread northwest to Gladstone, Cultus, Cyr and Swanson creeks."

"Regional geochemical survey (RGS) steam sediment data collected by the Geological Survey of Canada returned several drainages anomalous for gold and arsenic in the vicinity of the current project area."

"Prospector JP Ross conducted grassroots sampling in the area in the late 1980s, as did Silverquest Resources Ltd., altogether leading to the discovery of what is now Rockhaven Resource's Kluane project north of Killermun Lake." [Note: The Kluane Project is not listed on Rockhaven's website but the underlying claim ownership is listed as Archer Cathro and Associates.]

"On the present-day Cliff Property, Ross's stream sediment sampling returned values as high as 480 and 460 ppb Au in silts, and towards its southern edge he located a soil anomaly near a NNW trending linear feature that ran up to 850 ppb Au in soils (Ross, 1987a; Ross, 1987b). On behalf of Noranda Mines, geologists Ken Galambos and G. McKay spent one day investigating that soil anomaly, but dismissed it as likely glacial in origin (Galambos, 1989)."

"18526 Yukon Inc. staked the area as the "Cliff" property in 2010, and during the 2011 and 2012 field seasons conducted reconnaissance contour soil sampling across parts of the property, as well as limited stream sediment sampling. These surveys revealed multiple broad zones of anomalous gold and arsenic in soils (Berdahl, 2011; Berdahl, 2012)."

"Targeted follow up soil sampling in 2013 revealed large gold in soil anomalies over Cliff Main Zone and the HI target [see Figure 3 for locations], with a 1.3 km stretch of the Cliff Main Zone mountainside highly anomalous in Au and As, to 3.1 g/t Au in soils. Also at Cliff Main Zone, an angular float specimen of arsenopyrite bearing quartz ran 7.3 g/t Au, the first definitively orogenic type, local, hard rock mineralization found on the property to date (Berdahl, 2013)."

"At the HI target, anomalous values to 6.73 g/t Au were encountered but with little accompanying As or other common pathfinders. Nonetheless, a sample of altered granodiorite returned 0.78 g/t Au, and analysis of the sample distribution in context of surficial geology suggests that it is locally sourced (personal communication with Jeff Bond, 2014), and not glacial, as previously assumed."

“A small magnetic survey was also performed in 2013, but it did not yield obviously useful results. As most of the Main Cliff and HI target areas are quite steep, additional ground magnetic surveying is not practical.”

“In 2019, Drone North (Venessa Bennett) flew a high-resolution orthophotography and DEM survey over much of the Cliff Main Zone. Analysis of the detailed elevation data from this survey picked up on two prominent structural trends, one comprising NNW-SSE trending linear features, the other WNW-ESE trending linear features.”

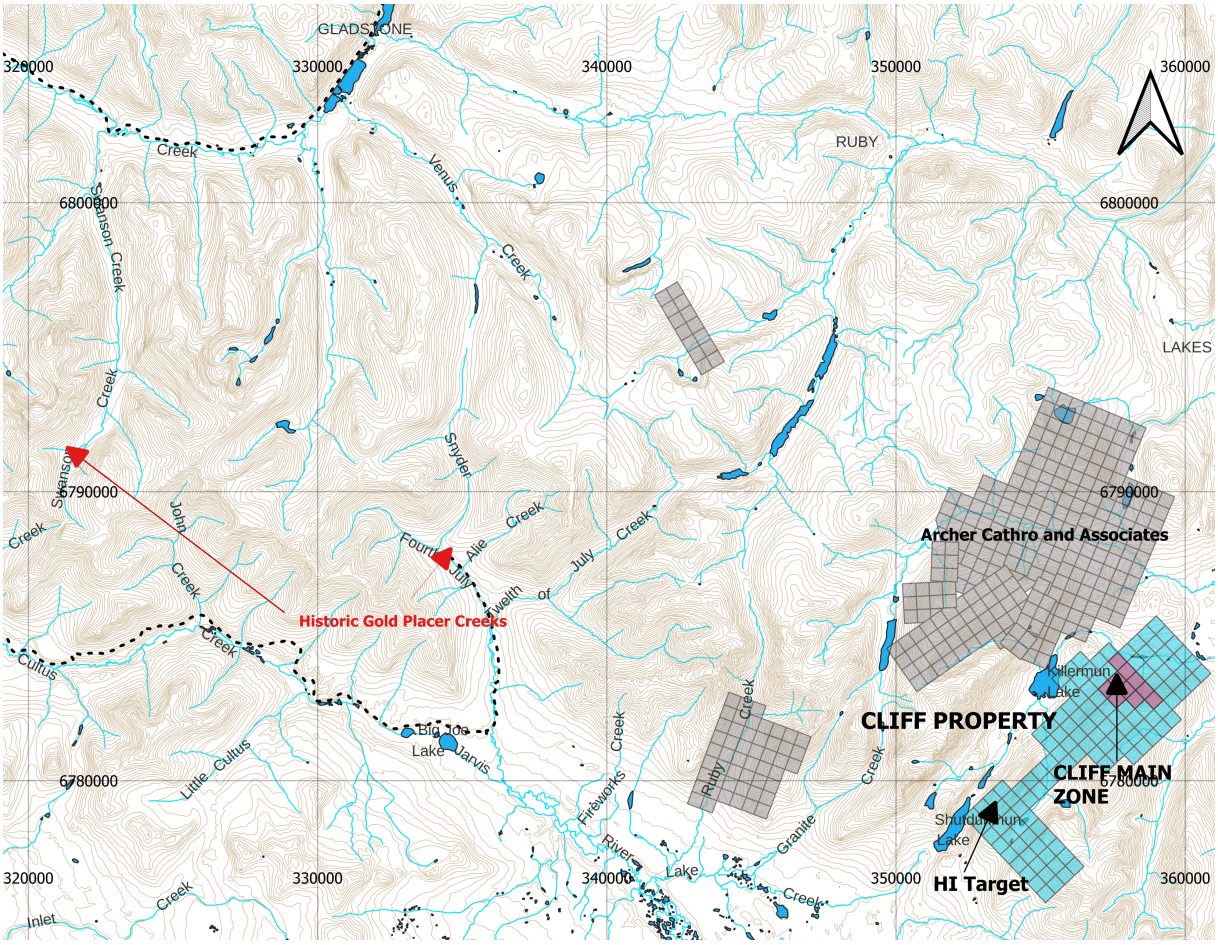


Figure 3. Work Reference Areas. Areas referenced in the text such as historic work history and property access. Note the Cliff Main Zone and HI Target some of the historic placer creeks. Grid system is in NAD83 Z8 UTM.

4.2 Current 2022 Program - Snowline Gold Corp.

The 2022 field work was focused at the Cliff Main Zone historic Au in soil anomaly. Fifty-three rock samples were taken and four soil samples. A detailed 1:2000 scale map was produced in the field by Shane Carlos with some point data additions from Jean Pautler at a later date. A total of 176 structural measurements were taken.

Soils were collected in small paper 4” by 6” bags and rock samples were placed in tough plastic sampling bags and tied off with ribbon or zip-ties. Samples were organized in camp and placed into larger white ‘rice’ bags and sent to Whitehorse for initial storage at the author’s home at 57 Teslin Rd. Samples were stored securely with security ‘breakable’ zip ties placed on the rice bags until later being dropped off at the ALS prep lab in Whitehorse.

Rock samples were sourced from outcrop and float and restricted to select grabs reflecting the narrowness of veins and tightness of the rock. The samples of veins were representative of a cross-section across the vein but because of the wide spacing on veins and the hardness of the rock only one channel sample beyond 6cm was taken. Veins would chip out of the outcrop but not much additional wallrock so the definition between a chip channel and grab sample in Appendix E-Sample Descriptions is similar in this situation.

A 1400m by 550m approximate area was traversed and prospected which encompasses the majority distribution of the rock and soil samples taken (yellow outline from Figure 2). The main focus of the rock sampling however was more restricted to the best gold in soil locations and make up an area of about 650m by 600m. Outside of the 1400m by 550m area four soils and one rock were taken across a drainage to the east following up on historic gold in soil results and a rock sample was taken at camp.

Two 11*17 inch map sheets (C1 and C2) were worked on using polyester transparencies overlayed on a paper base map. The base map had 2m contours generated from the digital elevation model (DEM) (produced by Venessa Bennett’s photogrammetry in 2019) and historic gold in soils. Two polyester transparencies were used: one for the raw data collection and interpretation and one for an additional layer of interpretation and simplification of the important geological structures.

With a scale of 1:2000 the area of each map sheet covered about 800m by 530m though not all the area was mapped. In total about 1000m by 400m was actually visited by traverses and has data recorded for it on the map. Coloured pencils and Sakura Micron 005 Archival Ink pens were used for map data recording.

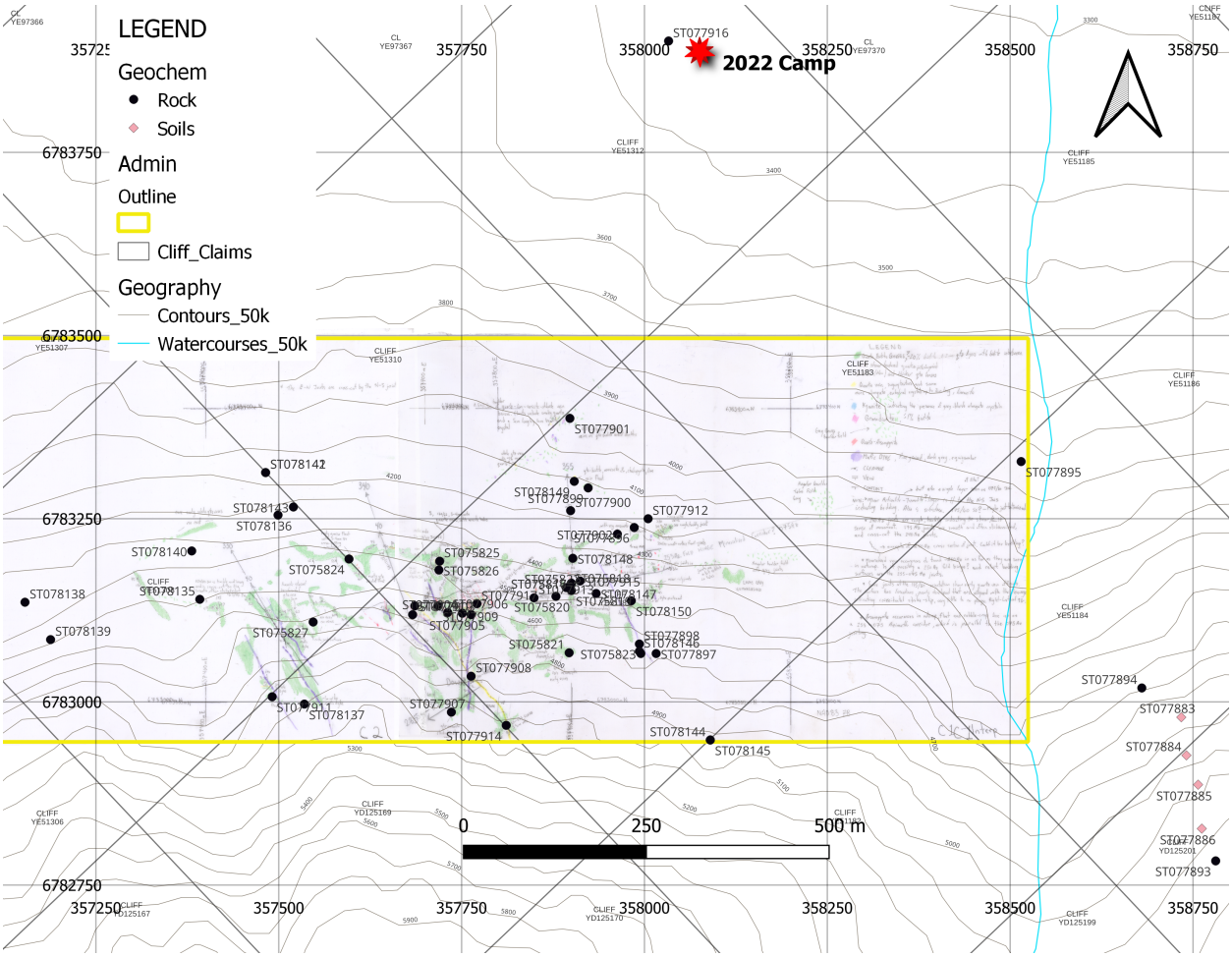


Figure 4. Location of Map Sheets C1 and C2 and rock and soil sample locations. Soils are marked with diamond shapes and rocks with black circles. Grid system is labelled in meters and is in NAD83Z8 UTM. Locations of the worked claims labelled with name and grant number are also provided in the background for reference.

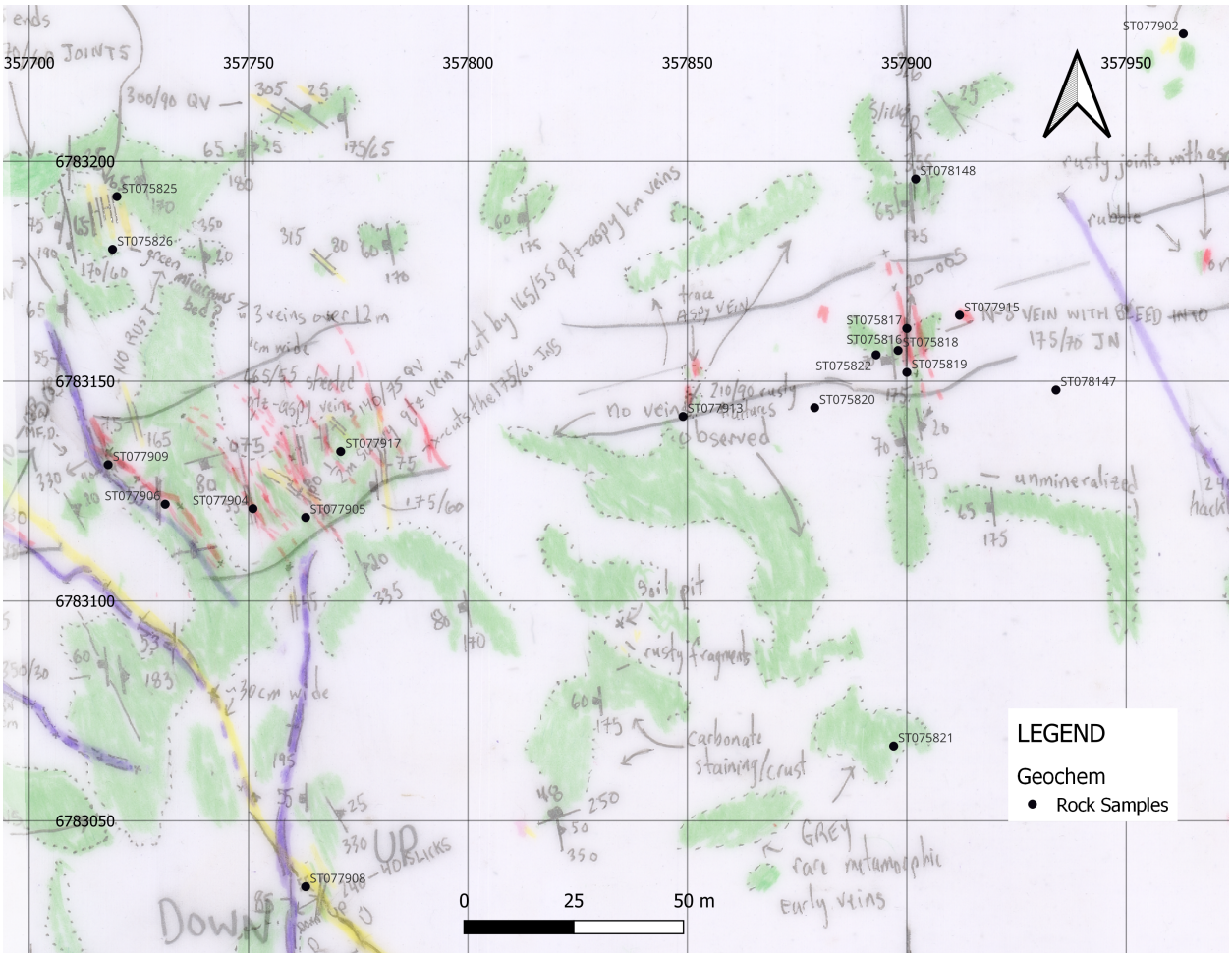


Figure 5. Zoom in, legible view of locations of rock samples from Figure 4. Grid system is labelled in meters and is in NAD83Z8 UTM. The base map is from the C1 field map and has the C1 interpretation layer overlayed. Red lines are quartz-arsenopyrite, yellow is quartz veins, green is quartz-biotite gneiss and purple is for mafic dykes.

Handheld GPS units were used for all location data on the map and sample sites. Locations were recorded in the GPS units as well as in notebooks or assay tag books. Location data on the map was assisted by the high resolution DEM when features could be identified, however most of the data would be handheld GPS accuracy which is in theory plus or minus 3m. Though the data was collected on a steep cliff face there was a clear view to the North with a broad valley allowing for excellent satellite reception.

Rock and soil samples were sent to ALS Minerals sample preparation lab in Whitehorse and analyzed for gold and a 48 element suite. Samples were prepared by crushing and by a 30g fire assay digestion followed with atomic absorption spectroscopy. Samples with a greater than ten ppm overlimit on gold were re-analyzed with a gravimetric finish. For the multi-element suite, the samples were crushed and then digested with 4-acids and an induced coupled plasma was analyzed using mass spectroscopy. The codes used can be referenced in Appendix F-Assay Certificates.

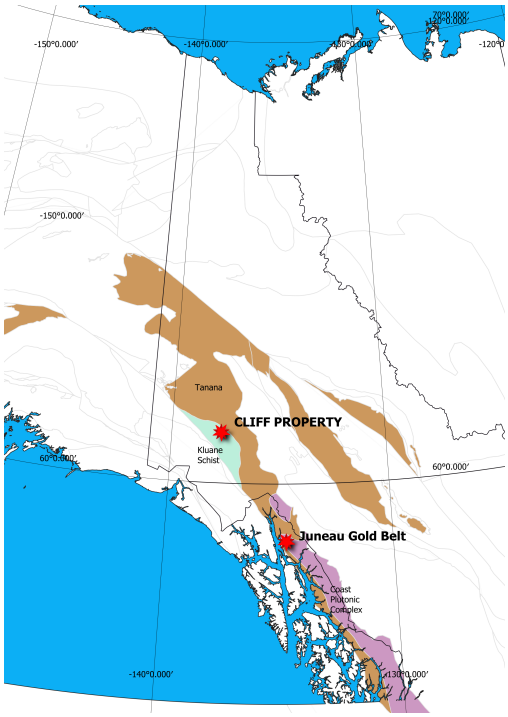
No standard and blank insertion into the sample sequence was done besides the internal laboratory insertions.

5 Geology

5.1 Regional Geology and Mineralization

5.1.1 Regional Geology

The following geology section in quotations is taken from Scott Berdhal's 2022 YMEP Application with minor additions by the author. Figure 6, below shows the tectonic affinity between the Cliff Property and the Juneau Gold Belt.



"This tectonic framework of the Kluane Schist bears striking similarities to the Taku terrane of the Juneau Gold Belt [see Figure 5 for location map], including ages, terrane affinities, structural juxtapositions and timing (Israel et al., 2011). The Taku terrane—host to significant orogenic gold deposits in southeast Alaska—was emplaced beneath rocks correlative with the Yukon Tanana terrane, while intrusions of the Coastal Plutonic Complex exploited this contact during deformation (McLelland and Mattinson, 2000; Israel et al., 2011)."

The author couldn't find the appropriate Taku terrain polygon but it basically covers components of the Tanana and the Kluane schist.

Figure 6. Location Map to terrains related to the Juneau Gold Belt

"[Figure 7] (modified from Israel et al., 2011) shows the geological setting of the project area. Much of the Cliff Property is underlain by the Kluane Schist, a metapelitic quartz-mica schist unit with minor carbonate and ultramafic inclusions. The Kluane Schist presently sits at the base of a northeast-dipping, structurally stacked crustal cross section, beneath the Ruby Range batholith and the Lower Carboniferous Yukon-Tanana terrane. Zircon dating and structural observations indicate that the Kluane Schist was deposited and subsequently emplaced beneath the Yukon Tanana terrane during a brief (>25 My) window in the late Cretaceous, prior to the bulk of intrusions associated with the Ruby Range batholith (Israel, 2011). Syn-to-post kinematic magmatic episodes exploited the structural corridor between the Kluane Schist and

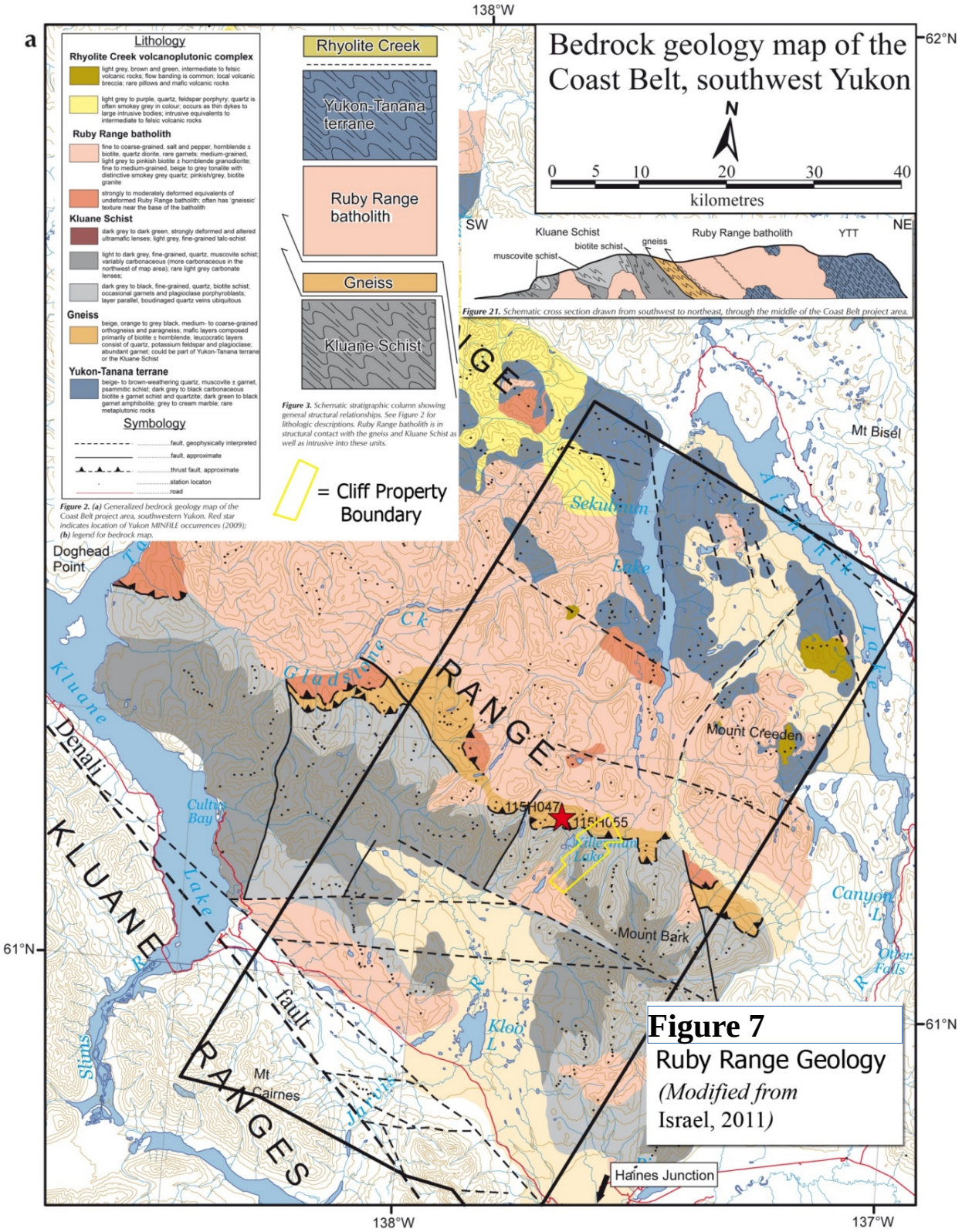


Figure 7. Ruby Range Geology. Note that the claim outline in yellow is not up to date on this map as some claims have been dropped from the grouping but gives the approximate location.

Yukon Tanana terrane, overprinting the original contact and forming the remainder of the batholith's mass (ibid.). Thin, isolated ultramafic units also occur within the schists, and are thought to be fragments of oceanic crust interleaved with the Kluane Schist during accretion (Mezger, 2000)."

5.1.2 Regional Mineralization

The Kensington Gold Mine operated by Couer Mining is an example of an orogenic gold deposit within the Taku Terane that has some similar features to the Cliff Property. For example gold bearing veins in sheeted extension arrays and association with tellurium (Kensington Mine Southeast Alaska, U.S.A. NI 43-101 Technical Report April 25, 2018) as two notable similarities to be discussed in Section 6.

The adjacent Kluane Property (Archer, Cathro and Associates) to the immediate north of the property has an extensive gold exploration history. High temperature metamorphic veins oriented at 110 Az, gold poor and NNW trending veins and soil geochemistry trends (Becker, 1996) similar to what was seen in the mapped area on the Cliff Property in 2022.

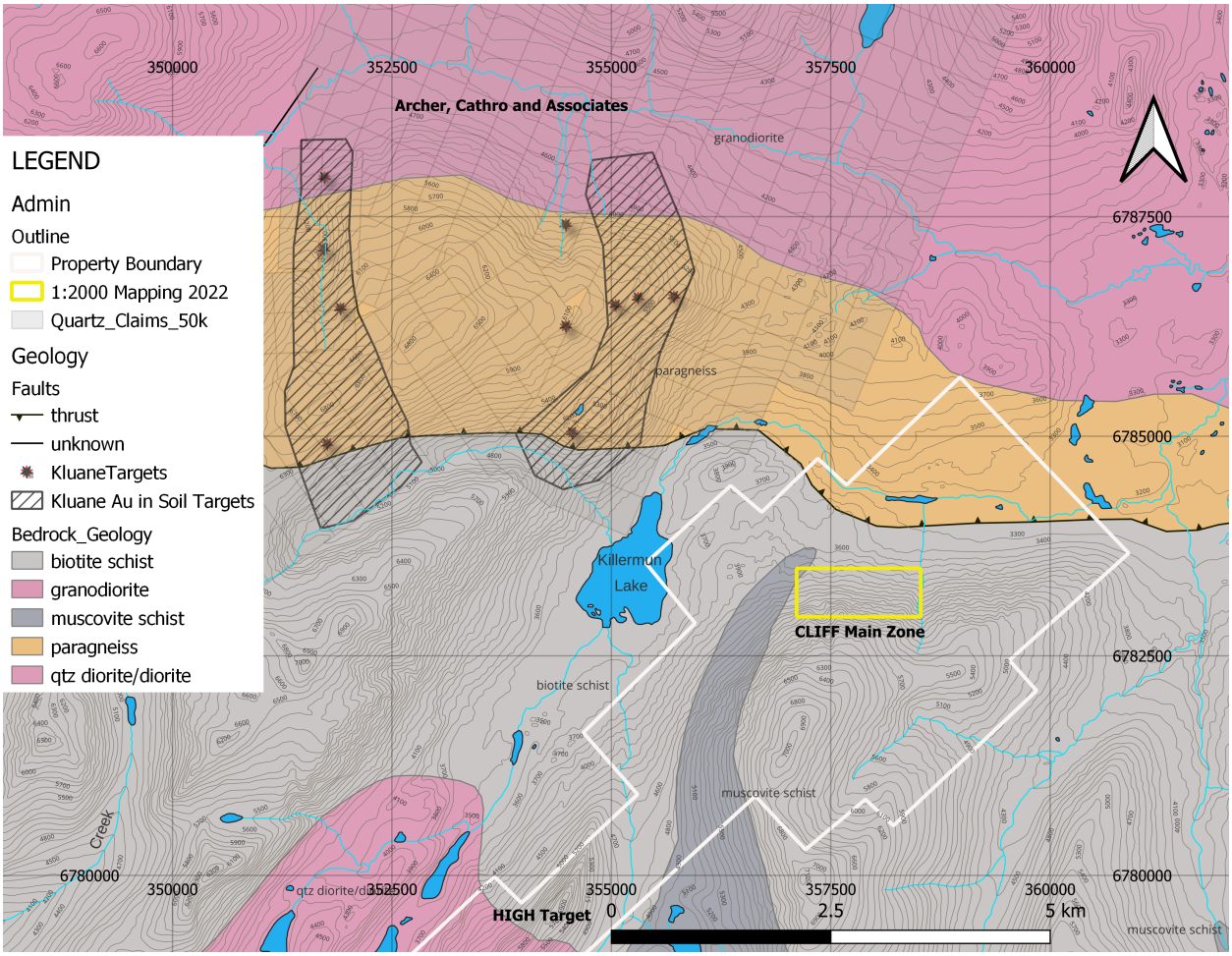


Figure 8. Regional Mineralization. The adjacent Kluane property is shown with target areas and geochemistry trends in cross-hatch pattern.

5.2 Property Geology and Mineralization

5.2.1 Property Geology

The following geology section in quotations is taken from Snowline Gold Corp.'s 2022 YMEP Application:

"The Kluane Schist comprises two main units—a light to dark grey, fine-grained muscovite schist and a higher-grade, dark grey to black biotite schist with occasional garnets and plagioclase porphyroblasts (Israel et al., 2011). Both are present on the Cliff Property."

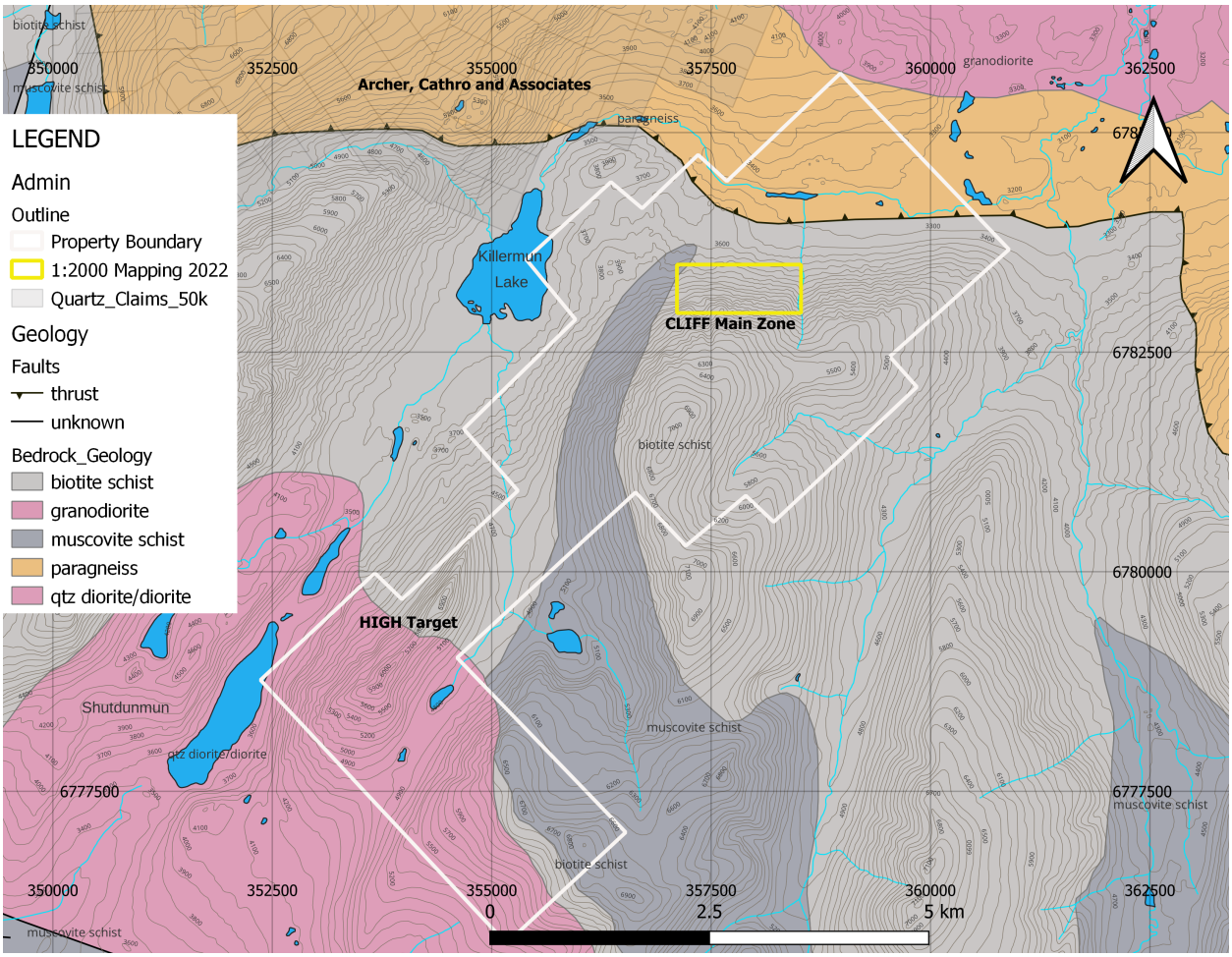


Figure 9. Cliff Property geology map taken from the Yukon Land Viewer online resource. Rock types are labelled on the map including muscovite schist, biotite schist, paragneiss, granodiorite and quartz diorite/diorite. The yellow outline indicates the current year mapping.

"Towards the north end of the Cliff Property a prominent north-dipping thrust fault puts the gneissic unit (described in Israel, 2011) overtop of the Kluane Schist. This fault, which trends east-west across the property, is clearly visible in aerial and satellite imagery as it defines a ~4 km linear stretch of small lakes along the outlet creek to Killermun Lake."

"At the south end of the property a granodiorite plug, perhaps 5 to 6 km in diameter, intrudes the Kluane Schist and is exposed on surface. At least one north-northwest trending linear feature

cuts this granodiorite body and extends into the surrounding schists (Templeman-Kluit, 1974; Galambos, 1989).”

5.2.1 Property Mineralization

At the Cliff Main Zone, ‘an angular float specimen of arsenopyrite bearing quartz ran 7.3 g/t Au which is the first definitively orogenic type, local, hard rock mineralization found on the property to date’ (Berdahl, 2013). New property mineralization will be mentioned in the results section that follows.

6 Results

6.1 Geological Mapping

Rock types encountered included a quartz-biotite gneiss and aphanitic mafic dykes. The gneiss has about 20% biotite occurring in a schistosity with layers of 2mm wide quartz grains. The mafic dykes are fine grained, dark grey and equigranular.

Veins vary in orientation but there are at least three different vein types by orientation and/or composition, including quartz-arsenopyrite-sulphosalt, quartz only and quartz-muscovite-kyanite(?)-rhodochrosite(?).

Table 2. Lithology and Veins

#	LITHOLOGY and VEINS	DESCRIPTION
1	Quartz-Bioite Gneiss	>or= 20% biotite thin layers , alternating with 2mm quartz layers
2	Mafic Dyke	Fine grained, dark grey, equigranular
3	Quartz-Arsenopyrite-Sulphosalt(?) Vein	Several laminations, sometimes visibly sheared
4	Quartz-Shear Vein	Shear laminated quartz vein traceable for over a hundred meters in outcrop
5	Quartz Vein	White quartz
6	Quartz-Muscovite-Kyanite?)-Rhodochrosite(?) Vein	Coarse grained-pegmatitic

The quartz-arsenopyrite-sulphosalt veins have higher grade gold, are sheeted and occur only in the average 073/66 orientation (dipping to the southwest).

Quartz only veins (by naked eye) are of at least two types: 1) a higher grade gold bearing, laminated, sheared, white vein trending on the 173/66 orientation and 2) various orientations of an earlier metamorphic white quartz vein that is non gold bearing.

The quartz-muscovite-kyanite-rhodochrosite(?) veins occasionally have a low level of detectable gold up to around 50 ppb and occur at various orientations including at 270/70.

The outcropping distribution of the strongly gold mineralized veins has an interpreted trend of 255 and 075 Az which encapsulates at least four subtle topographic segments which are

separated by erosional gullies (see Figure 10). This trend is distinct in that the exposure is about 40m wide, the veins are sheeted within it, arsenopyrite bearing and generally rusty weathering.

One caveat to consider is that the eastern most segment of veins are only in rubblecrop but attempts to find these veins and most of the other mineralized veins upslope failed which is why the general 255Az interpretation is currently the best fit.

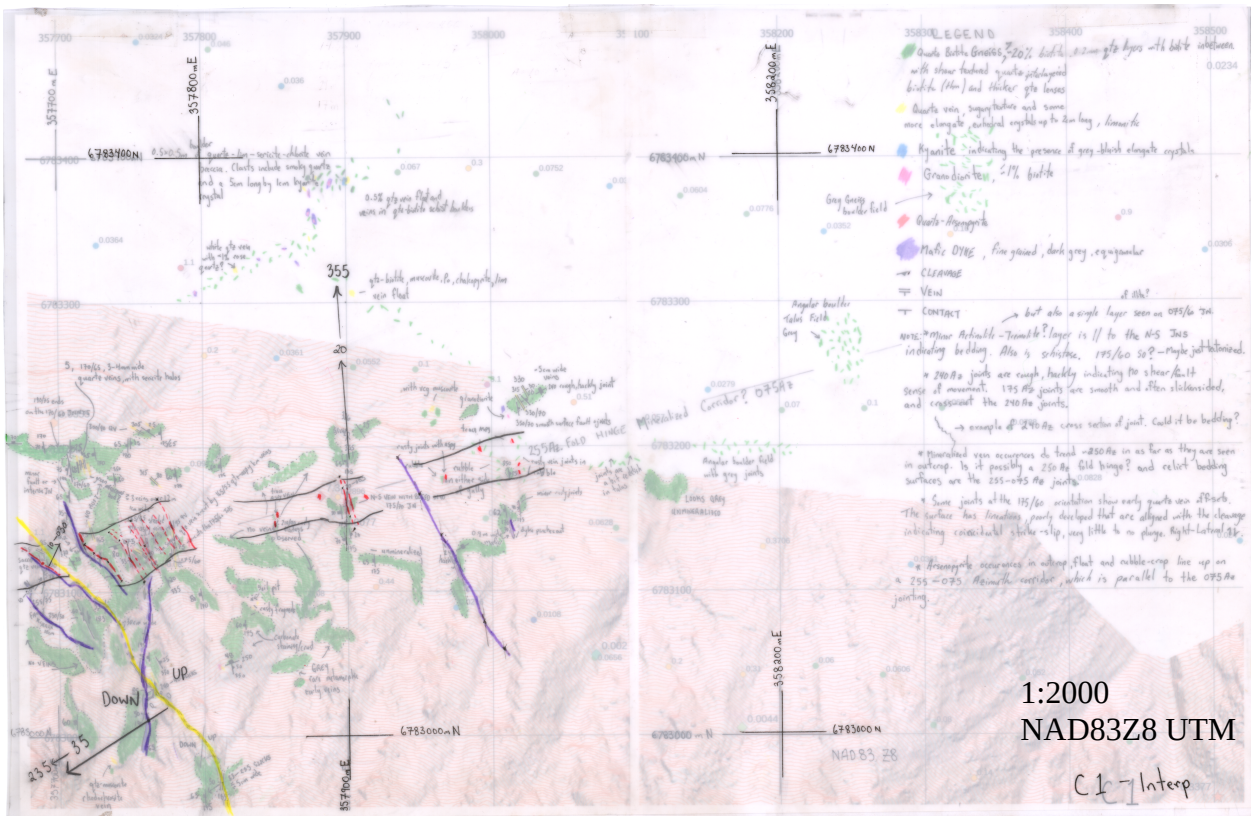


Figure 10. C1 Maps, with base map, field map and interpretative layer overlayed. Note the 255-075 Az trend as defined by the pencilled line around the clusters of red line work representing quartz-arsenopyrite veins. There appear to be four segments as interpreted which are outlined by gray pencil lines surrounding clusters of red colour for veins. The long yellow line is a sulphide/sulphosalt poor quartz vein that runs at 6.36 and 5.65 g/t Au from two samples (see Figure 14 in the section on geochemical results).

Work done to follow the zone along strike of the veins, (ie. perpendicular to the 255-075 Az trend) did reveal similarly oriented sheeted quartz veins in two instances. The veins were different in the absence of any significant arsenopyrite or any other accessory sulphide or sulphosalt minerals. The quartz in one case was also distinctly shear banded with a sense of motion to 235-35 top down. These gold bearing vein extensions, outside of the 255-075 Az trend were only seen in two locations: one to the south along a 6cm wide quartz vein that extended over 100m horizontally and a small zone of sheeted white quartz some 50m to the north of the main vein concentrations.

Table 3 and Figure 12 on the following pages are two separate attempts to display and find average values for particular structural features such as veins, bedding, joints, foliation, dykes,

etc. The values will be slightly different because of the limitations of each graphic. For example the stereonet does not distinguish the slight difference in strike of the mafic dykes versus the mineralized veins

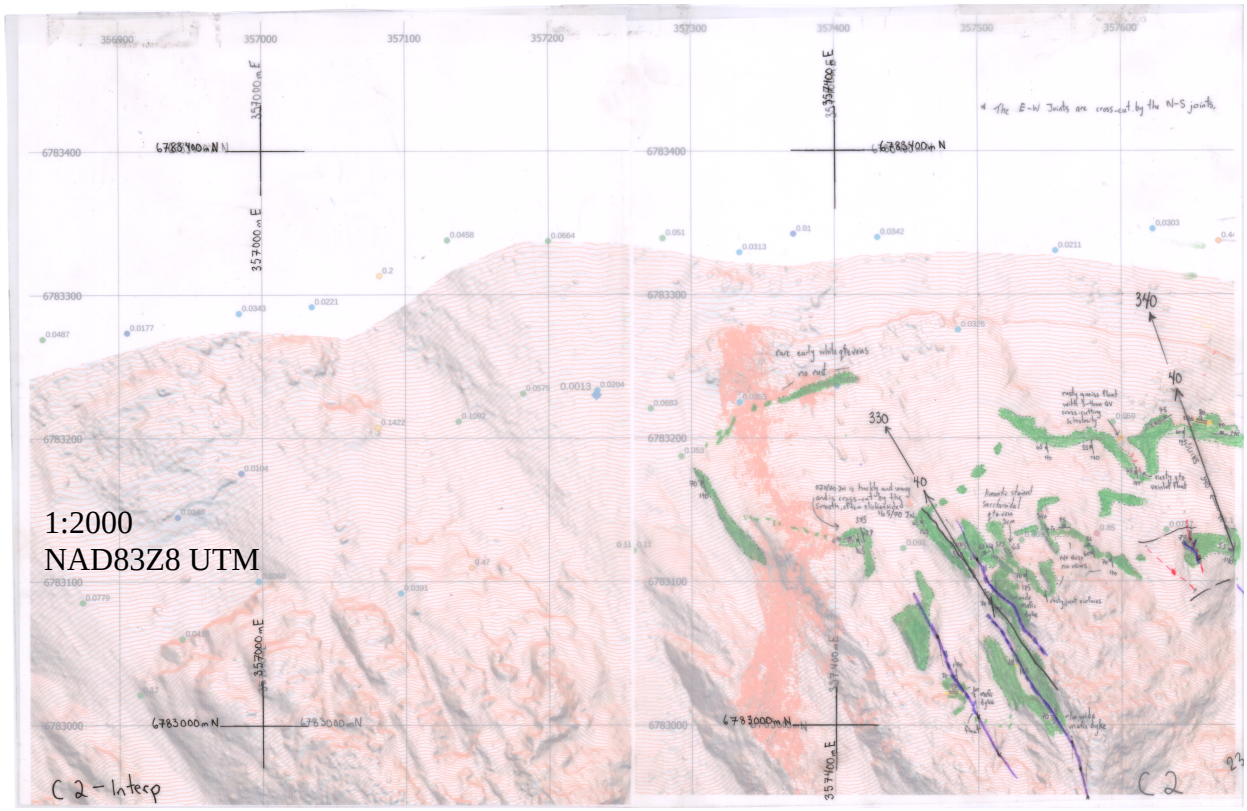


Figure 11. C2 Maps, with base map, field map and interpretative layer overlayed. See Figure 10 above for legend.

Table 3. Summary of Averaged Strikes/Dips of Structural Features. The dip is always to the right when facing in the strike direction.

Structural Feature	Average Strike RH rule	Average Dip	Count	Sense of Motion
Quartz-Arsenopyrite-Sulphosalt(?)-Gold Vein and Quartz Shear Vein	173	66	11	Some known at 235-35 and 355-20
Mafic Dykes	180	69	11	
Joints NS--smooth surface	171	66	65	
Joints NE--rough surface	250	83	18	
Quartz Vein NE	049	88	4	
Quartz Vein NW	313	77	10	
Quartz Vein EW	270	70	3	

Structural Feature	Average Strike RH rule	Average Dip	Count	Sense of Motion
Foliation	352	24	19	
Faults	344	89	7	
Bedding	280	69	3	

A total of 176 structural measurements were taken by the author and geologist Jean Pautler and are summarized in stereonet as poles to planes in Figure 12 below.

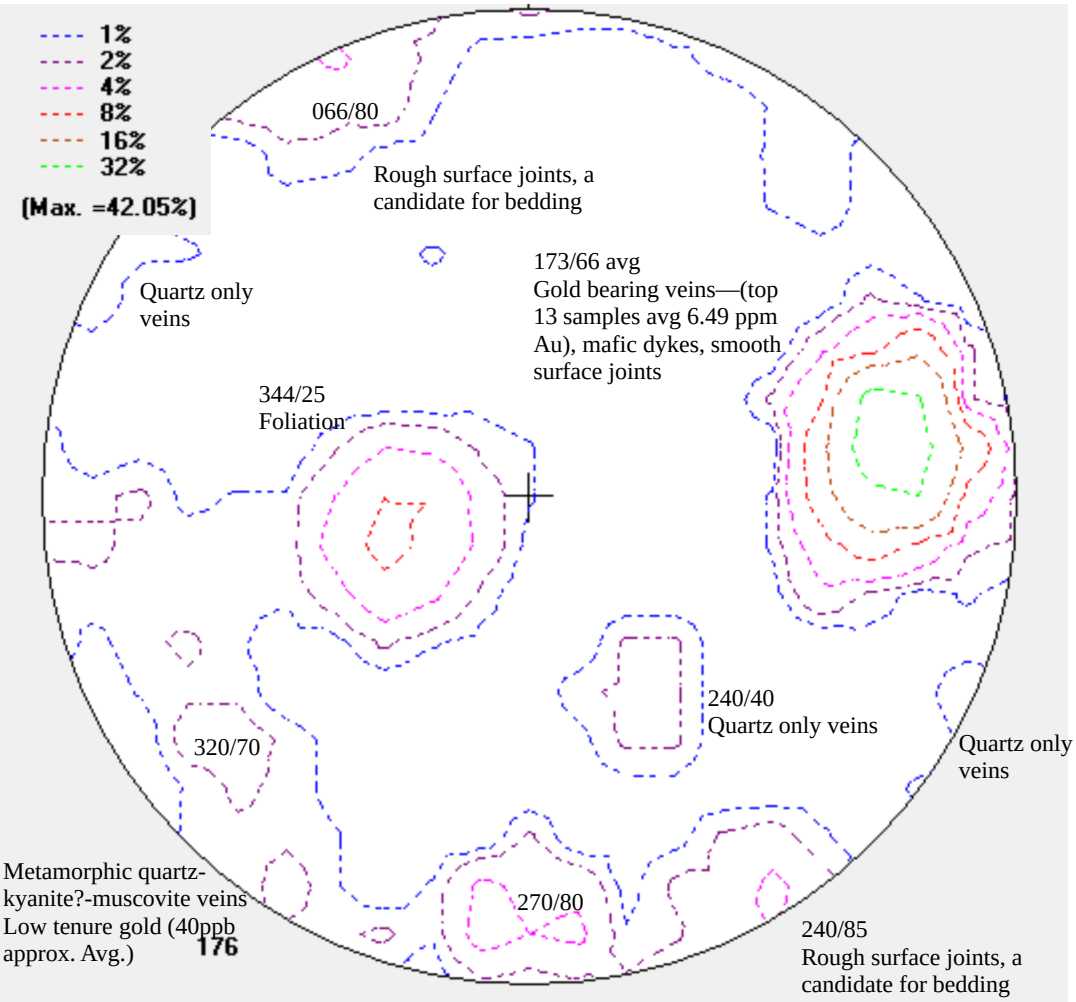


Figure 12. Contoured poles to planes stereonet plot of all 176 structural data points collected from the 2022 season. Annotation is the strike and dip using the right-hand rule convention (ie. dips to the right side of the strike) and are the great circles to the poles plotted. Data density is shown by coloured contours and defined in the legend.

6.2 Geochemical Sampling

6.2.1 Rock samples

All rock samples with gold values are plotted in Figure 13 below. Soil sample locations are shown by diamond shapes with no significant results.

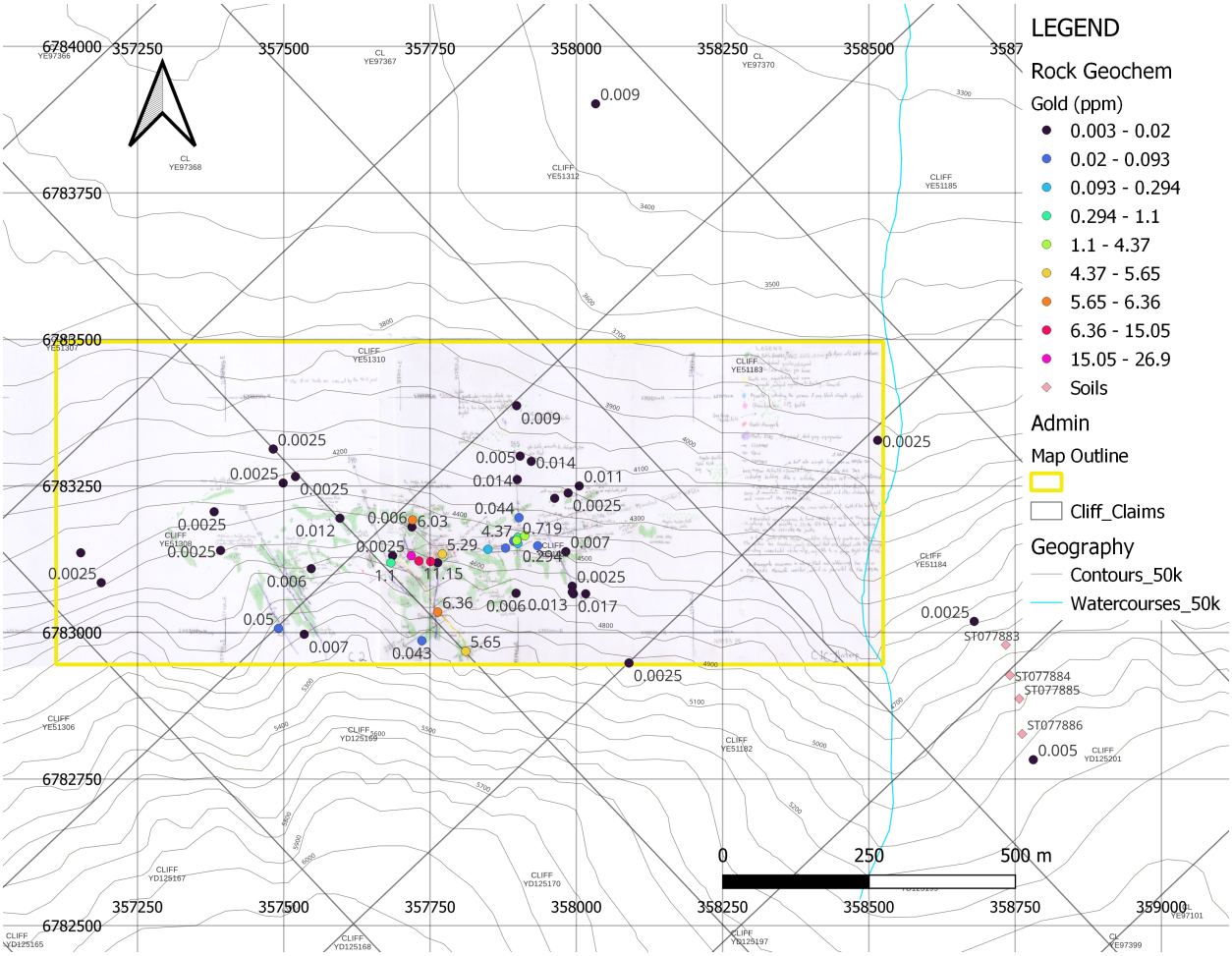


Figure 13. Gold in rock samples and locations in relationship to the property claims.

Of the 53 rock samples collected 15 were above 79 ppb gold up to a maximum of 26.9 ppm Au and 10 are ≥ 1.1 ppm Au. See Figure 14 below for a zoomed-in view of the area showing these top gold bearing samples and their relationship to geological structures.

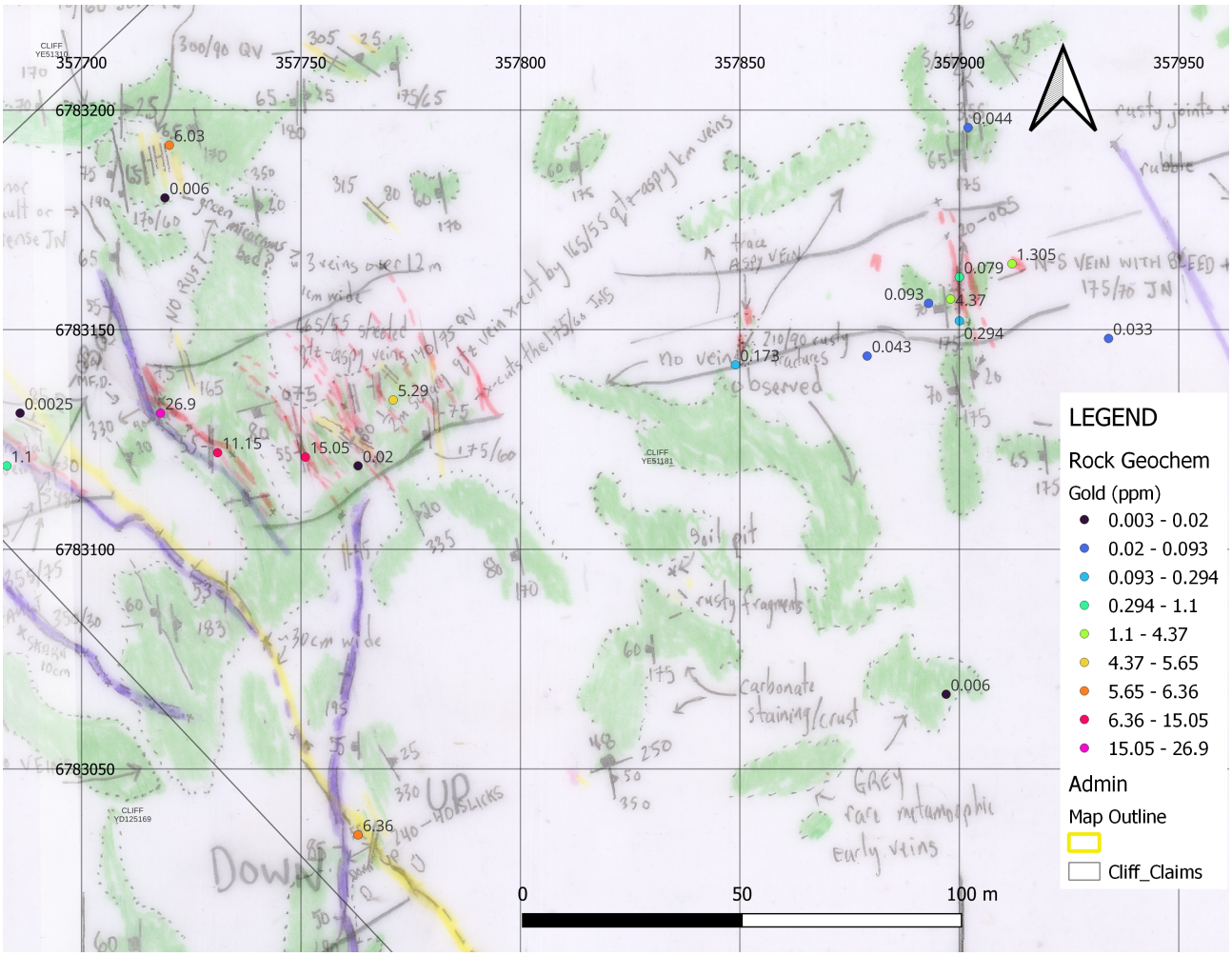


Figure 14. Zoomed-in, legible scale view of significant gold bearing samples save one (ie. a 5.65ppm Au sample is shown in Figure 13 but off page to the south in this image). Gold reported in ppm. The C1 field map is displayed with the C1 interpretation layer overlayed. Red lines are quartz-arsenopyrite veins, yellow is quartz veins, green is quartz-biotite gneiss and purple is for mafic dykes.

There is also a fairly close correlation between gold, arsenic, bismuth, antimony, tungsten and tellurium as tabulated in Table 3 below.

Table 4. Rock Sample Highlights

SampleID	Source	Method	Structure	Az	Dip	Au (ppm)	Bi (ppm)	As (ppm)	Sb (ppm)	W (ppm)	Te (ppm)
ST075817	Outcrop	Grab	joints/veins			0.72	0.97	>10000	13.25	22.4	0.24
ST075818	Outcrop	0.06 m chip	Quartz vein	170	90	4.37	7.01	>10000	11.25	7.08	0.36
ST075819	Outcrop	0.1 m chip	vein wallrock			0.29	1.22	9010	6.99	19.25	0.13
ST075825	Outcrop	grab	quartz veinlets	170	67	6.03	2.34	368	0.41	0.64	0.76
ST077904	Outcrop	Composite Select Chip	Quartz-aspy vein	175	55	15.05	3.09	>10000	7.09	8.74	0.93
ST077906	Outcrop	Chip	Quartz-aspy vein	175	55	11.15	35.1	5820	2.88	3.45	6.18
ST077908	Outcrop	Grab	Quartz vein	185	65	6.36	14.35	426	0.26	0.23	2.92
ST077909	Outcrop	Grab	Quartz-aspy	190	60	26.9	20.1	>10000	3.12	1.79	5.07

SampleID	Source	Method	Structure	Az	Dip	Au (ppm)	Bi (ppm)	As (ppm)	Sb (ppm)	W (ppm)	Te (ppm)
			Vein								
ST077910	Outcrop	Grab	Quartz-aspy vein			1.1	2.09	4500	4.82	13.7	0.53
ST077913	Outcrop	Grab	Fault	210	90	0.17	0.37	3360	3.99	25.4	0.1
ST077914	Outcrop	Grab	Quartz vein	185	50	5.65	7.28	85.7	0.42	0.09	1.84
ST077915	Subcrop	Composite Select Chip	Rusty joints			1.31	2.46	10000	9.64	16.9	0.4
ST077917	Outcrop	Composite Select Chip		173	66	5.29	1.66	9810	6.02	7.59	0.67

Rock sample ST077909 was the best gold result from the quartz-arsenopyrite-sulphosalt veins with a value of 26.9 ppm. The lamination surfaces in the vein shown in Figure 15 below are sometimes sheared.



Figure 15. Photograph of the 26.9 ppm Au vein sample.

6.2.2 Soil samples

Only four soil samples were taken down-slope of an 800ppb historic gold in soil anomaly in an attempt to reproduce some additional gold values. The samples are listed above in Figure 13 as pinkish diamond shapes. No significant geochemistry results were attained from the four soil samples taken. Refer to Appendix H—Maps for a more detailed location map.

7 Discussion and Interpretation

The regional maps by Steve Israel place the gneiss further to the north from the area mapped and instead indicate quartz-biotite schist. Descriptions between these units is similar and Steve Israel mentions that the gneiss may be part of the Kluane Schist (see the legend descriptions from his map reference in Figure 7). Some of the metamorphic veins that were seen in float at the base of the Cliff Main Zone had large blue kyanite crystals indicating a higher metamorphic grade. At any rate, our mapping doesn't have any personal outside perspective so it is proposed here that the thrust fault contact may need to be migrated south or for a further metamorphic grade division, as Jean Pautler and the author classify the cliff rocks as gneiss.

Extrapolated and interpreted geological line work is placed on the images below. The dashed white line shows the approximate outline of outcrops that were visited. Figure 17 shows the most interpretive feature which is that the red line work gold veins are restricted somehow along their strike by the thicker black lines representing joint trends and or fold hinges.

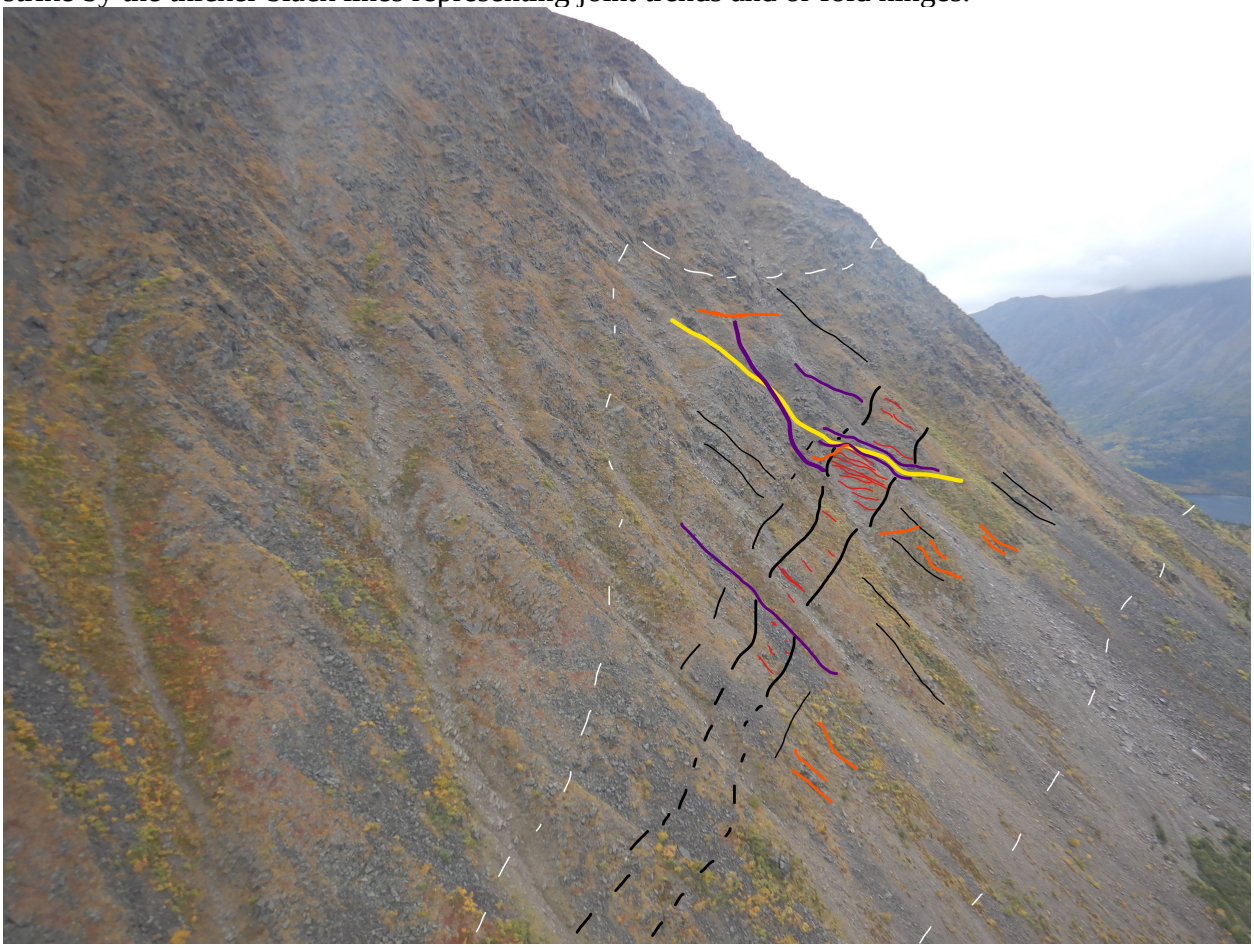


Figure 16. Outline of outcrops visited. White dashed line indicates the areas visited. Geological interpretation layers are transposed over an aerial view looking to about 220Az. Red lines indicate gold bearing veins, yellow line=sheared gold vein, orange=other quartz veins, purple=mafic dykes, thin black=joints, thick black=interpreted trend of mineralization and rough joints.

Some correlations with the 255Az-075Az mineralized trend are the coarse surface joints that are oriented on average at 250/83 and the sense of motion of -35 towards 235Az (top down) on the laminated quartz shear vein (in yellow in Figure 17). The rough surface joints seem to be the best candidate for a relict bedding surface so maybe some potential fold axis is controlling the 255Az-075 Az trend.

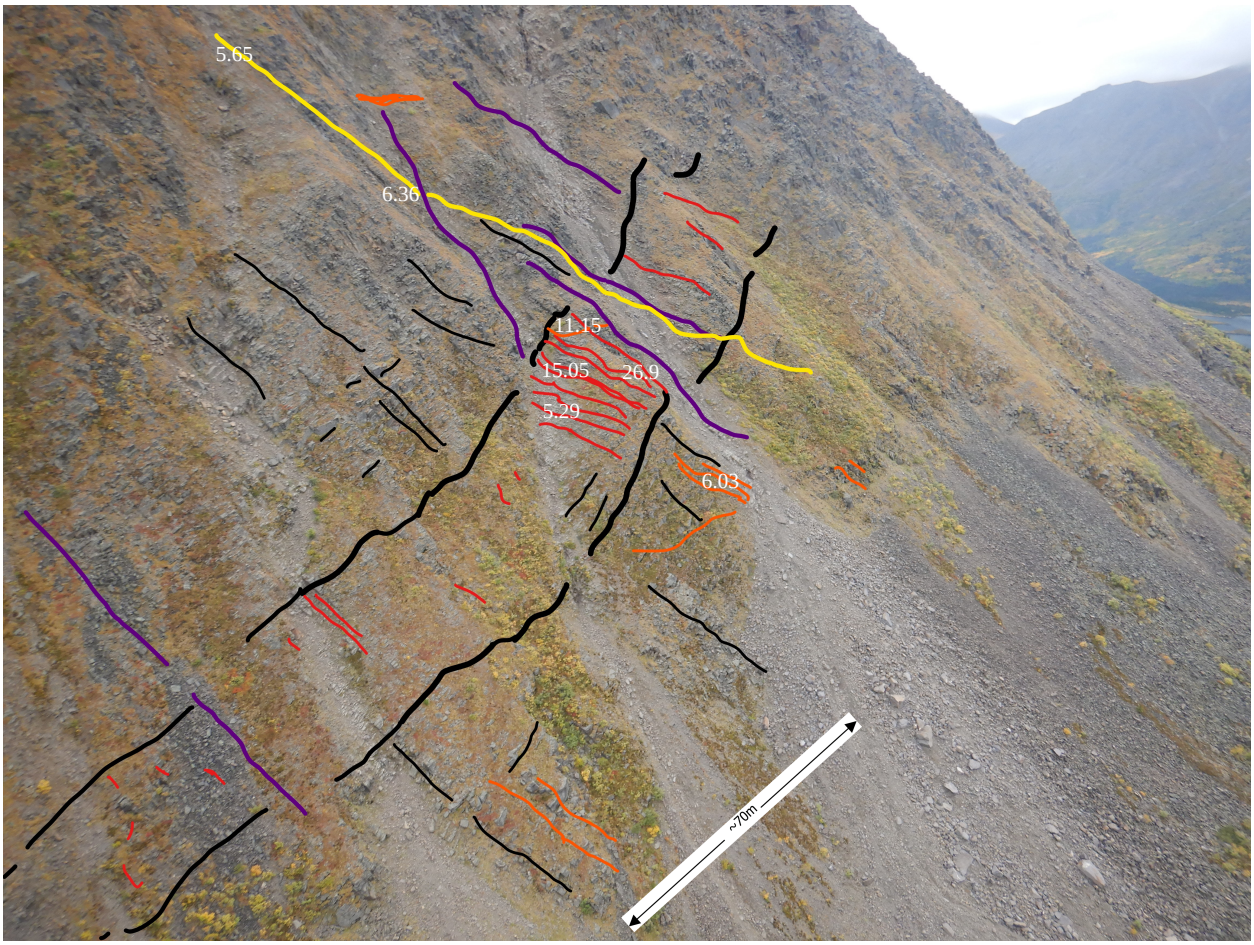


Figure 17. Map interpretation layers and gold assays transposed over an aerial view looking to about 220Az. Red lines indicate gold bearing veins, yellow line=sheared gold vein, orange=other quartz veins, purple=mafic dykes, thin black=joints, thick black=interpreted trend of mineralization and rough joints.

In Figure 18 below, the poles to planes for the NE-SW trending rough surface joint set that the author believes to be the relict bedding surface are plotted. The pole (beta axis) to the best fit for the joint measurements indicates a fold axis that is trending 065 with a plunge of 41 degrees. Two additional measurements of bedding are not plotted as they indicate the known fold axis that trend NW-SE.

These rotations in the fold axis place the extensional 170 Az faults into a near perfect parallel orientation to the local maximum compression or perpendicular to fold axis. Locally the paragneiss map pattern can be seen to trend North then to EW and even over to 240 Az and may be much more than just an erosional pattern due to topography (see Figure 7).

This somewhat commom 240 fold axis could be of importance locally but further work would need to be done to confirm this hypothesis and its existence on the property.

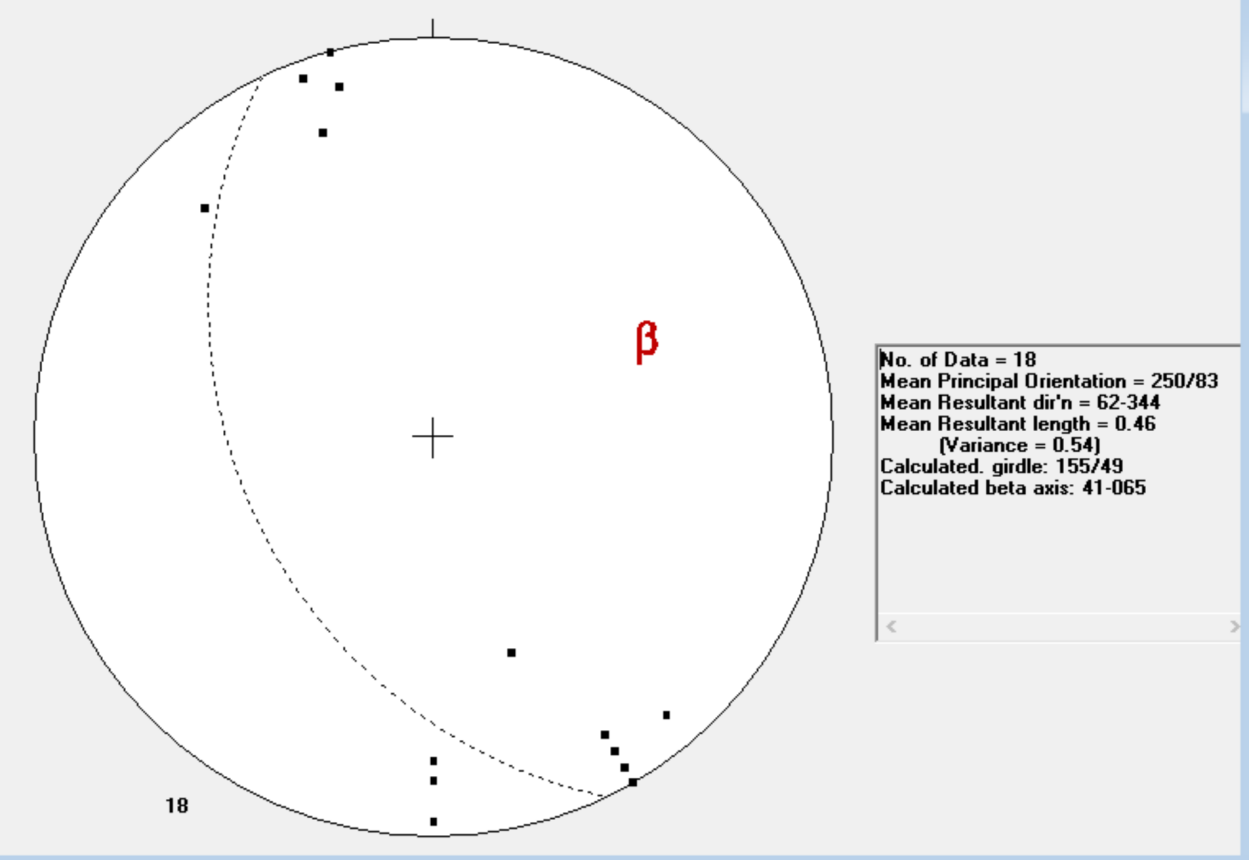


Figure 18. Stereonet plot of the poles to planes of the rough surface joint set. The pole to the best fit great circle of the joint set indicates a trend and plunge to the intersection of these variably dipping surfaces of 41-065Az.

Further afield, to about 24km to the northwest and 120km to the west there are some 245 Az trending fold axis' that show up on the GeoYukon website land viewer (1). In the accompanying paper (Israel, 2011) there are three fold deformation events through the paragneiss and Kluane schist. In studying the regional fold trends there occurs occasional rotations of the fold axis' from the dominant NW-SE trend over to the 240Az trend. Perhaps we are witnessing these important fold changes in this area.

The DEM from Venessa Bennett, referenced in the 2022 YMEP application has a structural interpretation from the report accompanying the application. The image from the report is shown below in Figure 19, with the two interpreted structures in red and yellow ink. Since the structures are drawn over the top of the mountain the strikes shouldn't be too distorted due to topographic concerns so measuring the strikes directly gives a 170 Az trend and an 110Az trend.

1 https://mapservices.gov.yk.ca/GeoYukon/

The best candidates for these structures would be the low gold tenure metamorphic quartz-kyanite(?)-muscovite veins with a spread from around 280Az to 330 Az and the higher grade, shear-laminated, extensional, quartz-arsenopyrite veins at the average of 173/66.

These structural features do match the two structures mentioned which is a nice field confirmation but the 255Az-075Az trend is not represented probably because it is not the same area (more to the east from the 2022 work) and is not an eroded fault.

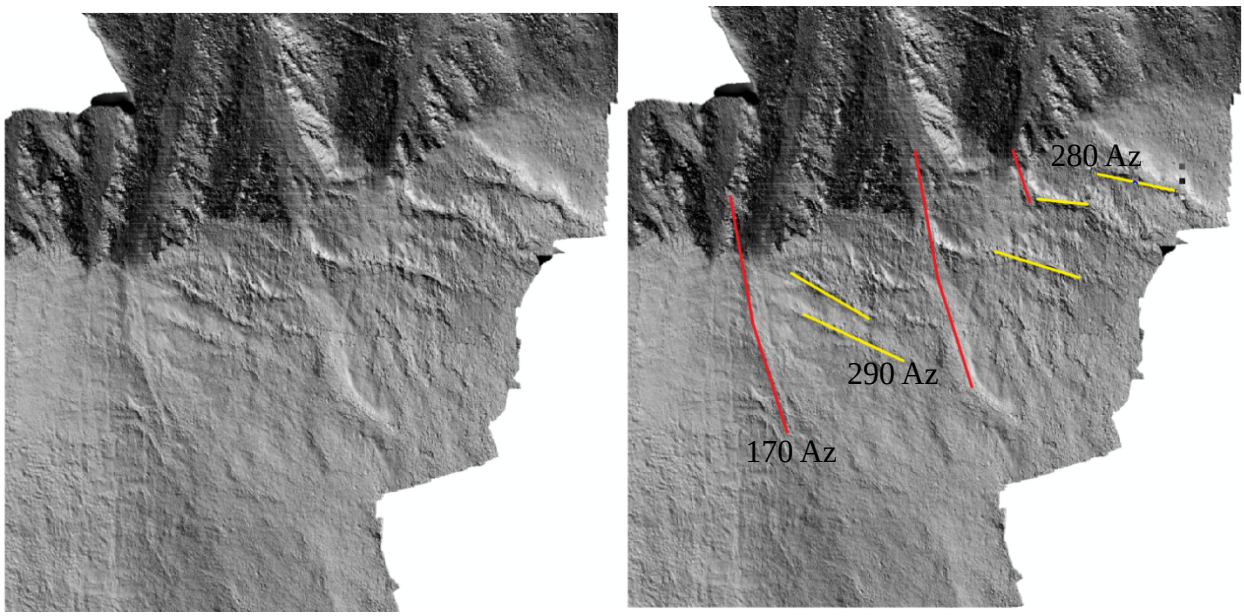


Figure 19. Structural Interpretation from the 2022 YMEP Application with the DEM (Digitial elevation surface model) base map Two structural trends were confirmed with surface mapping.

8 Conclusions and Recommendations

The program was successful in delineating gold mineralization in outcrop which was the primary objective.
Additional work that could be done would be to bring a portable diamond saw and cut a channel sample across the sheeted veins in the hopes additional gold bearing fractures might yield a continuous mineable grade. It was not possible to sample the rock between the sheeted veins because it was too tough to break off so it might be possible to find additional grade between the high-grade veins along tight fractures with minor rust. In total, an 80 meter long cut channel is proposed to fully classify this section of rock for gold mineralization.

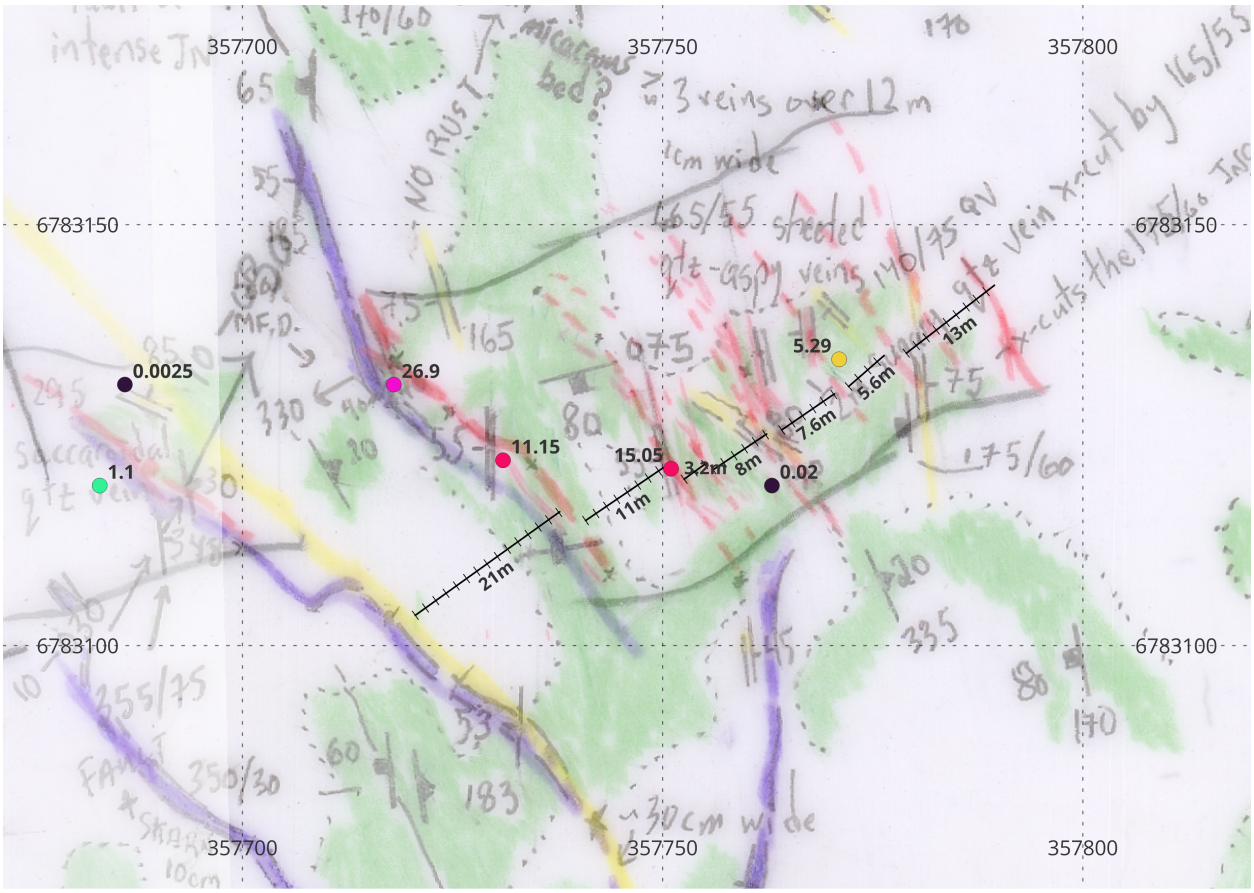


Figure 20. Proposed cut-channel sampling program. Cross-hatched lines indicate approximate segments of unsampled rock between high grade, narrow sheeted veins. The 15 g/t Au sample above was taken from three source veins separated by the indicated segments of 3.2m and 8m above. The 5.2g/t Au sample was sourced from three, 1cm veins separated by 2m sections of rock. The middle vein for this 5.2 g/t Au sample is not drawn on the map but it should sit in the middle of that 5.6m cross-hatched line segment.

1. Appendix A - References

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2. Appendix B- Statement of Expenditures

Statement of Expenditures - Cliff		August 29 to September 2, 2022	CAD Dollar Amount
Wages	Exploration Manager	0.25 days @ $800 (Planning)	$200.00
	Geologist	7.5 days @ $700 (5 field, 2.5 office)	$5,250.00
	Geologist	5 days @ $500	$2,500.00
	Geological Assistant	5 days @ $575	$2,875.00
	Geological Assistant	5 days @ $300	$1,500.00
Heli		2.1 hours @ $1810/hr; 2.7 hours @ $1215/hr	$7,081.50
Jet Fuel		Various costs/litre - 643.8 L	$1,547.94
Assays		57 samples @ ~$76.46/sample	$4358.22
Yukon Travel		374 km travelled @ $0.83; 310 km @ $0.605	$437.47
Supplies		Groceries, etc	$484.36
Report		Estimated	$2,500.00
Total			**$28,734.49**

3. Appendix C - Statement of Qualifications

I, SHANE ALLEN CARLOS, hereby certify that:

1. I am a geologist contracted by Snowline Gold Corporation.

2. I am a graduate of the University of British Columbia, with a degree in Earth and Ocean Sciences (B.Sc., 2009).

3. I have been employed in mineral exploration, as a geologist, seasonally since 2009.

4. I participated in the mapping and geochemical sampling.

5. The data contained herein is true and correct to the best of my knowledge.

April 3rd, 2023.

4. Appendix D- Table of Structural Measurements

Type	Strike	Dip	Easting NAD83Z8	Northing NAD83Z8	Geologist	Additional Comments
Bedding	250	67	357903	6783623	Jean P	suitable small camp site, can land with heli
Bedding	310	63	357547	6783109	Jean P	local zone of more jointing
Bedding	280	80	357719	6783180	Jean P	light green to buff to locally rusty weathered bed or vein with pale green to greyish mica or low V illite? … cutting foliation in gneiss
Fault	175	65	357901.23	6783189.95	Shane C	
Fault	355	75	357690.29	6783112.66	Shane C	
Fault	190	55	357677.22	6783119.81	Shane C	
Fault	170	70	357508.14	6783083.48	Shane C	
Fault	305	77	358045	6783926	Jean P	HELIPAD
Fault	330	70	357917	6783385	Jean P	boulder field, gneiss some rusty and hornfelsed, glassy veins crosscutting foliation
Fault	345	57	357905	6783302	Jean P	pegmatite - quartz-feldspar-biotite-muscovite-chlorite boulder, with local strong sericite, clots of coarse biotite with with chalcopyrite, pyrrhotite and pyrrhotite along margins; EM sample on Aug 30
Foliation	350	15	358013.05	6783181.28	Shane C	
Foliation	315	70	358024.75	6783231.9	Shane C	
Foliation	326	25	357910.25	6783211.49	Shane C	
Foliation	355	20	357903.13	6783139.95	Shane C	
Foliation	350	50	357820.96	6783047.73	Shane C	
Foliation	0	25	357751.17	6783203.33	Shane C	
Foliation	0	25	357709.38	6783200.37	Shane C	
Foliation	330	20	357710.62	6783120.9	Shane C	
Foliation	335	20	357776.29	6783107.64	Shane C	
Foliation	330	25	357770.61	6783051.15	Shane C	
Foliation	350	30	357721.43	6783083.15	Shane C	
Foliation	348	30	357693.55	6783119.04	Shane C	
Foliation	340	20	357547.33	6783135.05	Shane C	
Foliation	10	15	357586	6783921	Shane C	
Foliation	345	27	357418.72	6783132.33	Shane C	
Foliation	54	40	357905	6783062	Jean P	
Foliation	0	25	357905	6783216	Jean P	biotite-quartz-feldspar gneiss outcrop
Foliation	330	15	357907	6783176	Jean P	biotite-quartz-feldspar gneiss outcrop
Foliation & quartz sweat	82	40	357904	6783200	Jean P	biotite-quartz-feldspar gneiss outcrop with foliation parallel metamorphic looking, glassy quartz sweat, blows out to 1.1m wide, locally limonite stained; EM sample

Type	Strike	Dip	Easting NAD83Z8	Northing NAD83Z8	Geologist	Additional Comments
						on Aug 30
Fractures	260	86	357907	6783176	Jean P	rusty coated
Fractures	240	90	357907	6783176	Jean P	calcite coated
Fractures	170	70	357879	6783114	Jean P	rusty fractures in biotite-quartz-feldspar gneiss outcrop
Fractures	160	70	357893	6783156	Jean P	rusty gneiss wallrock, heavy, with minor arsenopyrite? along 160/70 fracture surfaces
Fractures Rusty	210	90	357851.02	6783145.4	Shane C	
Granodiorite Dyke	295	90	357586	6783930	Shane C	
Joint	175	70	357896.87	6783154.84	Shane C	
Joint	175	70	357899.71	6783159.08	Shane C	
Joint	175	70	357899.48	6783136.57	Shane C	
Joint	175	65	357919.66	6783121.43	Shane C	
Joint	250	48	357820.15	6783051.19	Shane C	
Joint	175	60	357830.18	6783077.16	Shane C	
Joint	175	60	357813.44	6783187.17	Shane C	
Joint	170	60	357782.08	6783181.09	Shane C	
Joint	175	65	357772.01	6783210.13	Shane C	
Joint	180	65	357748.88	6783201.73	Shane C	
Joint	170	65	357726.21	6783195.75	Shane C	
Joint	170	70	357691.03	6783200.29	Shane C	
Joint	270	70	357669.95	6783203.33	Shane C	
Joint	175	60	357642.58	6783202.39	Shane C	
Joint	240	75	357629.99	6783212.42	Shane C	
Joint	170	65	357609.85	6783174.63	Shane C	
Joint	190	75	357707.32	6783184.94	Shane C	
Joint	170	60	357710.08	6783180.82	Shane C	
Joint	180	65	357708.17	6783166.31	Shane C	
Joint	75	80	357739.51	6783132.37	Shane C	
Joint	75	90	357737.53	6783111.42	Shane C	
Joint	170	80	357799.85	6783098.62	Shane C	
Joint	175	60	357778.93	6783126.23	Shane C	
Joint	180	55	357763.3	6783055.23	Shane C	
Joint	175	60	357717.54	6783085.09	Shane C	
Joint	180	60	357713.11	6783009.55	Shane C	
Joint	175	65	357801.76	6782959.01	Shane C	
Joint	170	55	357577.89	6783198.82	Shane C	
Joint	170	65	357546.71	6783195.08	Shane C	
Joint	270	75	357559.38	6783136.49	Shane C	
Joint	270	86	357575.9	6783123.93	Shane C	
Joint	170	70	357592.04	6783114.02	Shane C	
Joint	170	60	357580.18	6783119.19	Shane C	

Type	Strike	Dip	Easting NAD83Z8	Northing NAD83Z8	Geologist	Additional Comments
Joint	170	70	357308.06	6783168.69	Shane C	
Joint	165	70	357415.88	6783128.1	Shane C	
Joint	165	65	357460.43	6783140.54	Shane C	
Joint	165	68	357527.17	6783044.82	Shane C	
Joint	240	85	357503.92	6783118.36	Shane C	
Joint	170	65	357509.44	6783121.33	Shane C	
Joint	175	70	357533.06	6783103.25	Shane C	
Joint	170	70	357547.13	6783089.1	Shane C	
Joint	165	65	357596	6783195	Shane C	
Joint	160	65	357905	6783216	Jean P	biotite-quartz-feldspar gneiss outcrop with 8 joints/4m
Joint	240	80	357893	6783222	Jean P	biotite-quartz-feldspar gneiss outcrop; may be slightly slumped?
Joint	170	65	357897	6783203	Jean P	
Joint	45	70	357879	6783108	Jean P	with some black tourmaline
Joint	70	85	357880	6783109	Jean P	bit curved joint - folding??
Joint	165	62	357890	6783064	Jean P	6 per 7m
Joint	270	75	357771	6783132	Jean P	few metres apart, in area of sheeted quartz veinlets ±arsenopyrite
Joint	170	65	357794	6783137	Jean P	rusty joints on E side of gully
Joint	160	70	357926	6783118	Jean P	7 per 5m, one with minor quartz
Joint	170	67	357932	6783105	Jean P	
Joint	170	63	358010	6783085	Jean P	strong joint set on E side minor rust but no quartz veins
Joint	170	65	358199	6783100	Jean P	few joints cross gully (all soil highs in this area are in the gullies)
Joint	130	75	357771	6783219	Jean P	at bottom of cliffy outcrop
Joint	170	63	357777	6783218	Jean P	5 per 4m but not rusty
Joint	170	65	357760	6783206	Jean P	5 per 4m joints but not rusty, 5 cm 140/90 weakly rusty quartz vein
Joint	170	67	357728	6783199	Jean P	start of zone with 3-4 mm quartz veinlets along joint surfaces, with some mm sized internally, with sericite haloes (total 1 cm) but close to joint surfaces
Joint	170	70	357722	6783195	Jean P	another 3-4mm sheeted vein
Joint	170	70	357719	6783194	Jean P	another 3-4mm sheeted vein
Joint	170	70	357718	6783190	Jean P	another 3-4mm sheeted vein
Joint	230	80	357715	6783186	Jean P	this joint set is cut by 170/65 set
Joint	170	65	357703	6783203	Jean P	outcrop still with favourable jointing
Joint	170	65	357692	6783200	Jean P	some rust along joints
Joint	270	70	357681	6783203	Jean P	
Joint	180	65	357661	6783210	Jean P	few joints
Joint	170	65	357647	6783207	Jean P	no rust
Joint	240	75	357636	6783210	Jean P	
Joint	170	55	357606	6783199	Jean P	
Joint	170	65	357612	6783179	Jean P	bit of minor gully

Type	Strike	Dip	Easting NAD83Z8	Northing NAD83Z8	Geologist	Additional Comments
Joint	170	55	357582	6783190	Jean P	
Joint	170	65	357548	6783197	Jean P	fewer joints
Joint	165	65	357459	6783148	Jean P	3m zone of strong jointing
Joint	165	65	357476	6783130	Jean P	fewer joints below here
Joint	170	65	357502	6783133	Jean P	local zone of more jointing
Joint	170	65	357507	6783115	Jean P	local zone of more jointing
Joint Hackly	240	90	358035.4	6783238.4	Shane C	
Joint Hackly	240	90	357980.78	6783130.43	Shane C	
Joint Hackly	70	70	357409.81	6783130	Shane C	
Joint Rusty	175	70	358020.28	6783157.45	Shane C	
Joint Smooth	350	70	358019.11	6783226.38	Shane C	
Joints Rusty	165	70	357547	6783109	Shane C	
Joints Rusty	165	70	357547	6783109		composite grab of rusty 165/70 joints in gneiss near 851 ppb Au soil
Mafic Dyke	170	62	358010.52	6783156.09	Shane C	
Mafic Dyke	185	55	357706.77	6783155.16	Shane C	
Mafic Dyke	180	55	357714.16	6783132.06	Shane C	
Mafic Dyke	195	90	357759.88	6783071.53	Shane C	
Mafic Dyke	180	53	357732.94	6783090.15	Shane C	
Mafic Dyke	180	85	357759.65	6783032.26	Shane C	
Mafic Dyke	190	50	357759.65	6783015.54	Shane C	
Mafic Dyke	5	65	357760.74	6782993.26	Shane C	
Mafic Dyke	170	70	357482.75	6783032.26	Shane C	
Mafic Dyke	180	70	357552.44	6783005.7	Shane C	
Mafic Dyke	170	70	357511.91	6783091.41	Shane C	
Quartz Vein	30	85	357586	6783939	Shane C	
Slickenlines	240	40	357713.19	6783131.98	Shane C	recorded as trend and plunge
Slickenlines	30	10	357690.6	6783113.63	Shane C	recorded as trend and plunge
Slickenlines	340	30	357676.76	6783120.94	Shane C	recorded as trend and plunge
Slickenlines	240	40	357765.56	6783032.18	Shane C	recorded as trend and plunge
Slickenlines	235	35	357811.71	6782967.1	Shane C	recorded as trend and plunge
Slickenlines	330	40	357507.26	6783084.41	Shane C	recorded as trend and plunge
Slickenlines	240	40	357718	6783131	Shane C	recorded as trend and plunge
Slickenlines	355	5	357995	6783066	Shane C	recorded as trend and plunge
Slickenlines	355	20	357901.27	6783189.95	Shane C	recorded as trend and plunge
Slickenlines	5	20	357899.36	6783161.57	Shane C	recorded as trend and plunge
Vein Quartz-As	0	90	357900.1	6783155.74	Shane C	
Vein Quartz-As	180	55	357729.25	6783123.51	Shane C	
Vein Quartz-As	165	55	357750.16	6783122.3	Shane C	
Vein Quartz-As	165	75	357754.36	6783122.57	Shane C	
Vein Quartz-As	175	55	357767.15	6783137.12	Shane C	
Vein Quartz-As	165	55	357761.63	6783134.51	Shane C	
Vein Quartz-As	165	55	357759.77	6783130.7	Shane C	

Type	Strike	Dip	Easting NAD83Z8	Northing NAD83Z8	Geologist	Additional Comments
Vein Quartz-As	180	77	357647.09	6783129.11	Shane C	
Vein Quartz-As	190	60	357718	6783131	Shane C	
Vein Quartz-As	170	65	357900	6783162	Jean P	chip across 40 cm sheeted qtz veinlet zone between a 170°/70°joint plane on E side and a 182°/80° fault surface with slickenlines plunging 25° at 002° with W side S compared to E side; 2 cm quartz vein on W side with 1% arsenopyrite in rusty joint; entire zone is rusty with aspy in gneiss wallrock; irregular veining (50% qtz in zone) separated by wallrock intervals; main mineralized trend 170°/65-70, 90°; NB 090/63° and 085/65° cut the 165-170° structures
Vein Quartz-As	170	90	357898	6783157	Jean P	rusty weathering 2 cm quartz vein, +/- vuggy and drusy, trending 170/90, with <1% arsenopyrite with 2 cm rusty gneiss wallrock with arsenopyrite on each side; on trend of ST075816 vein; slickensided surface evident with 3 sets of slickenlines, plunging 20, 40 and 50° to 350°
Vein Quartz	330	30	358024.67	6783237.77	Shane C	
Vein Quartz	330	70	358021.68	6783230.62	Shane C	
Vein Quartz	315	80	357767.19	6783176.85	Shane C	
Vein Quartz	305	25	357763.46	6783210.91	Shane C	
Vein Quartz	300	90	357757.12	6783210.67	Shane C	
Vein Quartz	280	80	357655.02	6783210.01	Shane C	
Vein Quartz	165	75	357724.15	6783140.93	Shane C	
Vein Quartz	310	80	357761.4	6783124.05	Shane C	
Vein Quartz	140	75	357770.19	6783139.6	Shane C	
Vein Quartz	355	45	357760.43	6783098.66	Shane C	
Vein Quartz	355	75	357781.11	6783130.74	Shane C	
Vein Quartz	295	85	357688.5	6783128.6	Shane C	
Vein Quartz	270	70	357481.82	6783022.07	Shane C	
Vein Quartz	325	65	357520.02	6783119.33	Shane C	
Vein Quartz	65	80	357897	6783067	Shane C	
Vein Quartz	165	55	357763	6783119	Shane C	
Vein Quartz	213	72	357902	6783172	Jean P	glassy looking, bit rusty 5 cm quartz vein crosscutting gneiss
Vein Quartz	130	75	357766	6783212	Jean P	irregular 10 cm glassy quartz vein, some coarse quartz crystals, patchy clay-sericite alteration along brecciated margins, short break in outcrop
Vein Quartz	65	80	357897	6783067	Jean P	10-20 cm weakly limonitic glassy veins, some grey quartz, at 45 to foliation, from outcrop and large boulders; trend 065/80
Vein Quartz	270	70	357995	6783066	Jean P	glassy quartz vein in shear trending 270/70 with rusty pockets, local brecciated margins, especially on hanging wall; cut? by 175/70 fracture set locally with slickenlines plunging 05° to 355°

Type	Strike	Dip	Easting NAD83Z8	Northing NAD83Z8	Geologist	Additional Comments
Vein Quartz	170	65	357718.83	6783189.45	Shane C	
Vein Quartz	170	65	357716.3	6783188.82	Shane C	
Vein Quartz-Fault	190	55	357766.3	6783032.84	Shane C	
Vein Quartz-Fault	185	50	357813.26	6782968.26	Shane C	
Vein Quartz Rusty	170	67	357720	6783192	Jean P	composite grab of 5 sheete quartz veinlets ranging from a few mm to 0.4cm thick along 170/67 rusty joints, plus more mm size veins internally with sericite-chlorite haloes to 1 cm with mm vein in centre

5. Appendix E – Table of Sample Descriptions

Type	Sampler	SampleID	DATUM	Zone	Easting	Northing	Source	Method	Description	Au (ppm)
Rock	JeanP	ST075816	NAD83	8V	357900	6783162	Outcrop	0.4m chip	chip across 40 cm sheeted qtz veinlet zone between a 170°/70°joint plane on E side and a 182°/80° fault surface with slickenlines plunging 25° at 002° with W side S compared to E side; 2 cm quartz vein on W side with 1% arsenopyrite in rusty joint; entire zone is rusty with aspy in gneiss wallrock; irregular veining (50% qtz in zone) separated by wallrock intervals; main mineralized trend 170°/65-70, 90°; NB 090/63° and 085/65° cut the 165-170° structures	0.079
Rock	JeanP	ST075817	NAD83	8V	357900	6783162	Outcrop Grab	Grab	grab of 3 rusty joint surfaces and adjoining wallrock +/- minor arsenopyrite through biotite-quartz-feldspar gneiss wallrock to ST075816 over a 1.5m interval; these continue over 3m with 1/0.4m	0.719
Rock	JeanP	ST075818	NAD83	8V	357898	6783157	Outcrop	0.06 chip	rusty weathering 2 cm quartz vein, +/- vuggy and drusy, trending 170/90, with <1% arsenopyrite with 2 cm rusty gneiss wallrock with arsenopyrite on each side; on trend of ST075816 vein; slickensided surface evident with 3 sets of slickenlines, plunging 20, 40 and 50° to 350°	4.37
Rock	JeanP	ST075819	NAD83	8V	357900	6783152	Outcrop	0.1 chip	rusty wallrock extending from joint surface with ST075818 vein with 5 cm of rusty gneiss wallrock with minor arsenopyrite from both sides	0.294
Rock	JeanP	ST075820	NAD83	8V	357879	6783144	Outcrop	Grab	rusty float of magnetic gneiss with 5% disseminated pyrrhotite, trace chalcopyrite, minor arsenopyrite on rusty margins - hornfelsed	0.043
Rock	JeanP	ST075821	NAD83	8V	357897	6783067	Outcrop	Grab	10-20 cm weakly limonitic glassy veins, some grey quartz, at 45 to foliation, from outcrop and large boulders; trend 065/80	0.006
Rock	JeanP	ST075822	NAD83	8V	357893	6783156	Outcrop	Grab	rusty gneiss wallrock, heavy, with minor arsenopyrite? along 160/70 fracture surfaces	0.093
Rock	JeanP	ST075823	NAD83	8V	357995	6783066	Outcrop	Grab	glassy quartz vein in shear trending 270/70 with rusty pockets, local brecciated margins, especially on hanging wall; cut? by 175/70 fracture set locally with slickenlines plunging 05° to 355°	0.017
Rock	JeanP	ST075824	NAD83	8V	357596	6783195	Outcrop	Grab	composite grab of rusty gneiss with minor 3 mm quartz veins, no visible sulphide but near 3m zone of 165/65 joints, from cliffy area	0.012
Rock	JeanP	ST075825	NAD83	8V	357720	6783192	Outcrop	Grab	composite grab of 5 sheeted quartz veinlets ranging from a few mm to 0.4cm thick along 170/67 rusty joints, plus more mm size veins internally with sericite-chlorite haloes to 1 cm with mm vein in centre	6.03
Rock	JeanP	ST075826	NAD83	8V	357719	6783180	Outcrop	Grab	light green to buff to locally rusty weathered bed or vein with pale green to greyish mica or low V illite? … cutting foliation in gneiss	0.006
Rock	JeanP	ST075827	NAD83	8V	357547	6783109	Outcrop Grab	Grab	composite grab of rusty 165/70 joints in gneiss near 851 ppb Au soil	0.006
Rock	Connor	ST077893	NAD83	8V	358781	6782783	Float	Grab	gneiss, looks dead	0.005
Rock	Connor	ST077894	NAD83	8V	358680	6783019	Float	Grab	Quartz-muscovite-limonite-pyrite vein	0.0025
Rock	Connor	ST077895	NAD83	8V	358515	6783328	Float	Grab	minor quartz veins in 98% limonitic biotite-quartz gneiss	0.0025
Rock	Connor	ST077896	NAD83	8V	357986	6783238	Float	Grab	Lim-quartz vein, coarse grained, metamprhic quartz	0.0025
Rock	Connor	ST077897	NAD83	8V	358016	6783066	Float	Grab	rusty quartz vein, coarse graineed bull quartz	0.0025
Rock	Connor	ST077898	NAD83	8V	357993	6783079	Float	Grab	trace limonite on gneiss	0.0025

Type	Sampler	SampleID	DATUM	Zone	Easting	Northing	Source	Method	Description	Au (ppm)
Rock	Connor	ST077899	NAD83	8V	357923	6783292	Float	Grab	trace limonite on gneiss with minor white quartz vein	0.014
Rock	Connor	ST077900	NAD83	8V	357899	6783261	Float	Grab	limonitic fractures in gneiss	0.014
Rock	ShaneC	ST077901	NAD83	8V	357898	6783387	Float	Grab	Quartz-limonite-chlorite-muscovite-kyanite breccia vein	0.009
Rock	ShaneC	ST077902	NAD83	8V	357963	6783229	Rubblecrop	Chip	Quartz-muscovite-limonite vein, 10cm width,in quartz biotite gneiss	0.0025
Rock	ShaneC	ST077903	NAD83	8V	357686	6783131	Outcrop	Composite Select Chip	295/85, 5cm thick quartz-limonite vein cross-cutting foliation, with saccharoidal texture	0.0025
Rock	ShaneC	ST077904	NAD83	8V	357751	6783121	Outcrop	Composite Select Chip	Sampled 3 laminated quartz veins with 1-2% aspy, 1cm widths and 4m spacing then 8m spacing, oriented at 175/55	15.05
Rock	ShaneC	ST077905	NAD83	8V	357763	6783119	Outcrop	Chip	165/55, 1/2m wide quartz vein, saccharoidal, x-cut by N-S veins, not included in sample	0.02
Rock	ShaneC	ST077906	NAD83	8V	357731	6783122	Outcrop	Chip	175/50, less than or equal to 5cm width qtz-lin-aspy(1%) vein	11.15
Rock	ShaneC	ST077907	NAD83	8V	357736	6782986	Subcrop	Grab	qtz muscovite-rhodochrosite vein	0.043
Rock	ShaneC	ST077908	NAD83	8V	357763	6783035	Outcrop	Grab	185/65, 2cm thick quartz vein, sheared with slicks plunging 40 to 240Az	6.36
Rock	ShaneC	ST077909	NAD83	8V	357718	6783131	Outcrop	Grab	5cm wide qtz-arspenopyrite vein, with 3 or 4 shear bands, at 190/60, slick plunging 40–240Az	26.9
Rock	ShaneC	ST077910	NAD83	8V	357683	6783119	Outcrop	Grab	two, 2mm qtz-aspy veinlets and parallel mafic dyke	1.1
Rock	ShaneC	ST077911	NAD83	8V	357491	6783007	Outcrop	Grab	Qtz-limonite-rhodochrosite saccharoidal vein, 1cm wide 270/75	0.05
Rock	ShaneC	ST077912	NAD83	8V	358005	6783250	Float	Grab	Gneissic, 10% manganese? With green, soft illite layer with trace Po and Chalcopyrite	0.011
Rock	ShaneC	ST077913	NAD83	8V	357849	6783142	Outcrop	Grab	210/90 faulting of gneiss with very rusty shear planes	0.173
Rock	ShaneC	ST077914	NAD83	8V	357811	6782968	Outcrop	Grab	185/50 5cm quartz vein with slickenlines plunging 35 towards 235Az. Is a normal fault based on slick edges	5.65
Rock	ShaneC	ST077915	NAD83	8V	357912	6783165	Rubblecrop	Composite Select Chip	not flagged in field. Trace rusty quartz-aspy veins and rusty joints, very thin veins up to 4mm wide	1.305
Rock	ShaneC	ST077916	NAD83	8V	358033	6783902	Float	Grab	5by5by5m boulder with 50ft ploughed trough through the moss.Apparently fallen from active scarp on mountain that shows up as white in the airphoto. Sampled quartz-limonite-pyrite vein in biotite-quartz gneiss.	0.009
Rock	ShaneC	ST077917	NAD83	8V	357771	6783134	Outcrop	Composite Select Chip	Sampled three little veins, 1/2cm widths with about 2m spacing.	5.29
Rock	Emily	ST078135	NAD83	8V	357392	6783140	Outcrop	Grab	qtz vein in outcrop, gneiss wall rock, rusted margins and fractures within vein, some green mineral or alteration in Qtz. Dip 85 to NE	0.0025
Rock	Emily	ST078136	NAD83	8V	357499	6783255	Outcrop	Grab	Qtz vein in outcrop, wall rock gneiss wiht thick rusty qtz, clear to deep red. Dip 70 to NE	0.0025
Rock	Emily	ST078137	NAD83	8V	357535	6782997	Subcrop	Grab	qtz vein in subcrop of gneiss with thick qtz foliation. Lots of rusted out holes in qtz, some biotite and muscovite swirls near margin, mostly orange qtz crystals. Light pink qtz (?) and green mineral. One sheet of black/silver cubic mineral (Pyrite?|) dip approx 75 to NE	0.007
Rock	Emily	ST078138	NAD83	8V	357153	6783136	Float	Grab	Qtz vein in big chunkks of float, 8 in thick vein. Wall rock only slightly downslope of outcrop. White qtz but very rusted and sulfur smelling at patches in the margin. Rust is deep red to light orange. Biotite sheet between vein and wall rock. Swirls of muscivite	0.0025

Type	Sampler	SampleID	DATUM	Zone	Easting	Northing	Source	Method	Description	Au (ppm)
									within qtz. Large tourmaline pegmatites in some sections. A few arsenopyrite (?) grains in qtz close to biotite walls. Wall rock is gneiss wiht large rusted qtz foliation	
Rock	Emily	ST078139	NAD83	8V	357188	6783085	Outcrop	Grab	Qtz vein. Rusty qtz smelled very sulfidey when broken, large swirls of mica, qtz crystals near headwall very well developed, a few large tourmaline pegmatites between vein and footwall. Some small cp flecks. Dip 50 to N strike 280. smaller qtz vein cross cutsa structure at 90, dips 70 to NE. Fracture beside vein had running water and rock had stalactite looking features growing off it	0.0025
Rock	Emily	ST078140	NAD83	8V	357381	6783206	Outcrop	Grab	qtz vein in qtz rich gneiss, qtz filled layres 0.1-1 cm thick running parallel to foliation. Very rusted qtz with unidentified bronze/golden flecks. Main gneiss is dark biotite clumps. Vein is cloudy and orange. Vein dip 70 to NE strike 48 foliation dips 20	0.0025
Rock	Emily	ST078141	NAD83	8V	357482	6783313	Outcrop	Grab	wall rock beside qtz sheet. Some flecks of CP (?) qtz layres in foliation are very orange and rusted	0.0025
Rock	Emily	ST078142	NAD83	8V	357482	6783313	Outcrop	Grab	Qtz rich gneiss that blows out into large qtz veins/sheetts of qtz.Vein rusty in section	0.0025
Rock	Emily	ST078143	NAD83	8V	357520	6783266	Outcrop	Grab	qtz vein, gneiss wall rock, flecks of arsenopyrite (?) rusted alteration near wall rock and in fractures within white qtz. Dip 75 to NE strike 60	0.0025
Rock	Emily	ST078144	NAD83	8V	358090	6782948	Outcrop	Grab	wall rock beside qtz outcrop. Gneiss with qtz fingers verryy rusty and limonitic weathering. Sheets of mica. Dip 70 strike 325	0.0025
Rock	Emily	ST078145	NAD83	8V	358090	6782948	Outcrop	Grab	qtz outcrop face, patches of yellow rust qtz. Pink mineralizewd patches and patches of green mineral. Dip 70 strike 326	0.0025
Rock	Emily	ST078146	NAD83	8V	357993	6783069	Outcrop	Chip	qtz vein chip sample rusted and blue tinged qtz, thin vein, dip 65 strike 350	0.013
Rock	Emily	ST078147	NAD83	8V	357934	6783148	Outcrop	Chip	qtz vein chip sample. Thin vein, very rusty. Possible arseno in wall rock, dip 80 to NE strike 40	0.033
Rock	Emily	ST078148	NAD83	8V	357902	6783196	Outcrop	Chip	qtz vein chip sample with extra rusty qtz samples. Dip 45 to NE strike 20	0.044
Rock	Emily	ST078149	NAD83	8V	357904	6783301	Float		in coarse tallus slope, qtz with pegamties within, biotite and CP. Orange liminetic weathering	0.005
Rock	Emily	ST078150	NAD83	8V	357982	6783138	Float		Float in coarse tallus slope. Green amygdoloidal bassalt, magnetic, calcite filling amygs, trace specs of cp, minor disseminated po, epidote in frx fillings	0.007
Soil	Connor	ST077883	NAD83	8V	358734	6782979	B/C			0.005
Soil	Connor	ST077884	NAD83	8V	358741	6782927	B/C	Talus Fines	60% clay, 40% talus fines, slope 65 deg, brush/talus/boulders45B/Cbrown	0.003
Soil	Connor	ST077885	NAD83	8V	358757	6782887	B/C	Talus Fines	60% talus fines, 40% clay30B/Cbrown	0.01
Soil	Connor	ST077886	NAD83	8V	358762	6782827	B/C	Talus Fines	50% talus fines, 50% clay/sand30B/Cmed brown	0.015

6. Appendix F - Assay Tables for Plotting

APPENDIX F—ASSAY TABLES—FOR PLOTTING—values with < symbols have been divided by two, > symbols are removed, 0-values are values rounded to zero where < values/2 that have more than two zero place holders after the decimal point

Type	Sampler	SampleID	Gold ppm	Bippm	Asppm	Sbppm	Wppm	Teppm	Agppm	Al%	Bappm	Beppm	Ca%	Cdppm	Ceppm	Coppm	Crppm	Csppm	Cuppm	Fe%	Gappm	Geppm	Hfppm	Inppm	K%	Lappm	Lippm
Rock	JeanP	ST075816	0.08	0.23	2490	2.58	3.28	0.07	0.13	3.23	214	1.17	0.24	0.07	9.63	2.08	41.1	1.14	11.5	1.58	6.49	0.07	0.03	0.02	0.79	4.03	18.1
Rock	JeanP	ST075817	0.72	0.97	10000	13.25	22.4	0.24	0.28	5.46	690	1.07	0.63	0.39	33.7	8.98	77.5	1.41	23	3.43	13.05	0.14	0.13	0.04	1.3	13.8	25.3
Rock	JeanP	ST075818	4.37	7.01	10000	11.25	7.08	0.36	4.26	3.2	382	0.69	0.16	3.31	13.6	8.13	46.1	0.78	13.95	2.72	7.24	0.1	0.06	0.71	0.78	5.74	15.6
Rock	JeanP	ST075819	0.29	1.22	9010	6.99	19.25	0.13	0.31	6.59	700	1.23	0.56	2.24	39.7	10.05	101.5	1.72	35.2	4.14	16.05	0.16	0.13	0.08	1.6	16.15	32.4
Rock	JeanP	ST075820	0.04	0.68	893	2.01	15	0.04	0.28	7.28	660	1.43	0.81	3.64	46.1	17.05	110.5	1.84	65.9	4.24	17.2	0.17	0.1	0.07	1.57	19.05	32.3
Rock	JeanP	ST075821	0.01	0.06	40	0.08	0.37	0.04	0.06	3.48	191	0.53	0.44	0.05	19.7	4.92	46.8	1.13	39.2	1.82	6.64	0.1	0.06	0.02	0.49	8.24	22.1
Rock	JeanP	ST075822	0.09	0.48	1130	1.76	10.05	0.09	0.28	9.25	960	1.59	0.96	0.13	60.9	10.35	130	3.52	48.9	4.72	22.6	0.2	0.18	0.08	2.19	24.3	53.3
Rock	JeanP	ST075823	0.02	0.13	44.1	0.4	0.34	0.06	0.12	6.08	338	3.35	0.62	0.11	27.4	6.3	62.2	1.49	38.7	2.51	12.6	0.13	0.07	0.02	0.95	11.15	58.9
Rock	JeanP	ST075824	0.01	0.2	70.3	0.08	0.31	0.13	0.28	7.19	530	1.17	1.93	0.13	43.9	12.4	84.2	4.5	32.7	4.15	16.3	0.19	0.11	0.06	1.57	17.75	25.7
Rock	JeanP	ST075825	6.03	2.34	368	0.41	0.64	0.76	0.41	5.88	500	0.95	1.06	0.19	34.5	9.79	84.6	2.21	22.6	3.81	14.2	0.17	0.11	0.05	1.23	14.45	39.2
Rock	JeanP	ST075826	0.01	0.06	22.3	0.26	0.08	0.06	0.29	12	298	5.67	0.27	0.06	2.75	11.75	32.3	2.37	90	5.59	32.5	0.17	0.02	0.01	2.06	0.86	365
Rock	JeanP	ST075827	0.01	0.19	16.75	0.34	0.52	0.09	0.29	8.19	910	1.64	1.11	0.17	50.4	16.35	120.5	4.73	48.2	5	19.9	0.21	0.14	0.06	2.07	20.4	44.9
Rock	Connor	ST077893	0.01	0.18	8.27	0.11	0.71	0.07	0.23	8.6	1010	1.38	1.25	0.14	57.1	18.6	109.5	4.43	38.4	4.94	21.6	0.23	0.16	0.08	2.15	23.2	36
Rock	Connor	ST077894	0	0.03	6.32	0.07	0.17	0.02	0.04	2.3	274	0.4	0.42	0.04	19.6	4.99	43.8	1.33	15.4	1.84	5.7	0.13	0.05	0.02	0.57	8.25	16.8
Rock	Connor	ST077895	0	0.13	3.93	0.01	0.41	0.05	0.13	7.17	600	0.99	1.66	0.14	44.4	14.5	92.4	4.32	38.9	4.35	15.7	0.2	0.1	0.07	1.69	17.85	30.6
Rock	Connor	ST077896	0	0.05	5.46	0.08	0.1	0.04	0.09	3.06	137	0.81	0.41	0.04	13.6	3.45	45.1	0.73	40.2	1.78	5.94	0.03	0.05	0.01	0.36	6.45	24.4
Rock	Connor	ST077897	0	0.01	2.53	0.02	0.05	0	0	0.37	8	0.36	0.02	0.01	0.21	0.63	15.8	0.04	4.74	0.44	0.77	0.03	0	0	0.03	0.1	6.2
Rock	Connor	ST077898	0	0.22	6.15	0.09	0.44	0.13	0.31	9.73	900	1.86	1.24	0.17	56.8	20.3	150.5	3.24	120.5	4.87	26.1	0.16	0.16	0.06	1.71	25.7	88
Rock	Connor	ST077899	0.01	0.07	114.5	0.63	0.41	0.07	0.24	11.1	440	2.65	0.93	0.11	48.9	18.1	136.5	1.96	64	5.39	23.3	0.16	0.09	0.03	1.5	21.4	105
Rock	Connor	ST077900	0.01	0.44	413	0.54	3.36	0.23	0.48	7.89	420	1.15	3.74	0.49	34.3	22.7	94.1	3.49	184.5	4.72	19.7	0.14	0.09	0.06	1.56	14.9	31.4
Rock	ShaneC	ST077901	0.01	0.03	9.77	0.15	0.24	0.02	0.06	7.25	240	5.95	0.7	0.05	22.7	6.46	43.3	0.91	19.25	3.37	15.35	0.14	0.06	0.02	0.59	9.37	75.9
Rock	ShaneC	ST077902	0	0.07	13.25	0.16	0.26	0.05	0.22	7.94	460	2.28	1.71	0.13	31.4	10.7	80.7	3.29	39.4	3.6	14.15	0.17	0.09	0.05	1.35	12.15	27.1
Rock	ShaneC	ST077903	0	0	19.45	0.03	0.03	0	0.01	0.15	13	0.08	0.02	0.01	0.2	0.4	15.6	0.06	3.96	0.34	0.38	0.05	0	0	0.01	0.08	4.8
Rock	ShaneC	ST077904	15.05	3.09	10000	7.09	8.74	0.93	3.11	3.23	421	0.69	0.45	5.33	19.25	7.62	50.9	0.98	21.3	2.47	7.87	0.12	0.06	0.18	0.87	8.08	15.9
Rock	ShaneC	ST077905	0.02	0.07	111	0.15	0.65	0.01	0.04	0.47	45	0.1	0.05	0.03	3.04	0.55	26.7	0.11	5.17	0.45	1.07	0.05	0.01	0.01	0.1	1.31	4.2
Rock	ShaneC	ST077906	11.15	35.1	5820	2.88	3.45	6.18	4.4	1.68	132	0.31	0.21	0.79	9.3	3.11	41.6	0.25	11.35	1.57	3.77	0.08	0.05	0.02	0.27	3.87	9.1
Rock	ShaneC	ST077907	0.04	0.06	76.6	0.12	0.17	0.05	0.02	6.8	49	3.69	0.27	0.05	7.84	4.49	36.8	0.18	4.39	0.83	11.1	0.06	0.03	0.01	0.23	3.09	33.1
Rock	ShaneC	ST077908	6.36	14.35	426	0.26	0.23	2.92	1.12	1.9	197	0.33	0.35	0.04	9.7	3	39.1	0.88	7.64	1.2	3.92	0.06	0.04	0.01	0.36	4.15	17.1
Rock	ShaneC	ST077909	26.9	20.1	10000	3.12	1.79	5.07	8.63	0.5	48	0.14	0.16	0.13	2.99	2.74	20	0.09	1.5	1.25	1.1	0.06	0.01	0	0.08	1.33	3
Rock	ShaneC	ST077910	1.1	2.09	4500	4.82	13.7	0.53	1.62	7.24	760	1.36	0.77	1.03	42.4	8.38	97.9	2	49.9	4.33	17.1	0.15	0.17	0.09	1.73	17	34.3
Rock	ShaneC	ST077911	0.05	0.23	30.4	0.04	0.31	0.08	0.18	7.4	630	1.94	1.42	0.15	44	14.15	95.9	4.22	64.9	4.16	15.8	0.18	0.12	0.04	1.45	17.85	53.4
Rock	ShaneC	ST077912	0.01	0.1	43.2	0.55	0.31	0.11	0.36	11.15	510	3.59	1.1	0.15	40.4	15.95	104	2.65	122	5.36	27	0.2	0.12	0.03	1.92	15.35	182.5
Rock	ShaneC	ST077913	0.17	0.37	3360	3.99	25.4	0.1	0.44	8.07	980	1.71	0.51	0.51	49.4	8.67	107	2.66	40.3	4.61	20.4	0.22	0.15	0.09	2.38	19.85	37.7
Rock	ShaneC	ST077914	5.65	7.28	85.7	0.42	0.09	1.84	0.5	0.49	32	0.16	0.06	0.03	1.13	4.34	22.1	0.13	3.2	0.38	0.92	0.05	0.01	0	0.05	0.47	6.8
Rock	ShaneC	ST077915	1.31	2.46	10000	9.64	16.9	0.4	1.31	5.82	780	1.41	0.73	2.77	32.8	11.85	78.1	1.39	48.7	4.18	14.05	0.16	0.13	0.12	1.29	13.35	28.4

APPENDIX F—ASSAY TABLES—FOR PLOTTING—values with < symbols have been divided by two, > symbols are removed, 0-values are values rounded to zero where < values/2 that have more than two zero place holders after the decimal point

Type	Sampler	SampleID	Gold ppm	Bippm	Asppm	Sbppm	Wppm	Teppm	Agppm	Al%	Bappm	Beppm	Ca%	Cdppm	Ceppm	Coppm	Crppm	Csppm	Cuppm	Fe%	Gappm	Geppm	Hfppm	Inppm	K%	Lappm	Lippm
Rock	ShaneC	ST077916	0.01	0.15	10.95	0.03	0.2	0.07	0.15	7.85	374	0.81	0.81	0.09	23.7	7.94	63.4	1.83	39.6	2.92	19.1	0.12	0.1	0.03	0.9	9.86	44.6
Rock	ShaneC	ST077917	5.29	1.66	9810	6.02	7.59	0.67	1.23	2.58	280	0.64	0.53	0.15	28.9	5.84	29.7	0.39	14.9	2.06	5.81	0.11	0.05	0.02	0.41	12.1	15.3
Rock	Emily	ST078135	0	0.05	18.2	0.06	0.12	0.04	0.08	3.19	105	1.37	0.33	0.05	8.27	3.74	36.5	0.27	25.1	1.24	6.02	0.08	0.03	0.01	0.3	3.44	23.2
Rock	Emily	ST078136	0	0.11	9.5	0.11	0.26	0.05	0.14	6.96	510	1.71	1.49	0.13	32.1	9.91	73.3	2.99	31.6	3.25	14.2	0.17	0.12	0.04	1.22	13	37.1
Rock	Emily	ST078137	0.01	0.23	20.7	0.33	0.27	0.18	0.43	10.85	436	2.64	0.97	0.15	43.4	8.25	92.9	1.63	115.5	3.76	24.7	0.19	0.11	0.03	1.4	16.3	74.9
Rock	Emily	ST078138	0	0.08	5.03	0.05	0.2	0.05	0.11	4.02	264	1.32	1.77	0.14	17.5	7.41	45	1.87	46	2.3	8.04	0.13	0.05	0.03	0.78	8.31	17.6
Rock	Emily	ST078139	0	0.07	5.8	0.1	0.09	0.03	0.1	4.58	197	2.99	0.47	0.06	11.6	4.97	33.6	0.66	18	1.86	7.5	0.11	0.04	0.01	0.47	5.77	52.5
Rock	Emily	ST078140	0	0.14	2.6	0.03	0.32	0.05	0.08	6.3	700	1.21	0.85	0.09	34.2	10.4	77.9	3.24	31.8	3.65	12.85	0.16	0.12	0.05	1.35	15.85	40.6
Rock	Emily	ST078141	0	0.29	4.25	0.22	0.51	0.09	0.14	8.81	980	1.53	1.18	0.1	55.6	13.7	110	5.12	43.8	5.26	20.5	0.21	0.2	0.07	2.22	25.4	48.9
Rock	Emily	ST078142	0	0.02	2.08	0.02	0.04	0.01	0.02	0.88	39	0.13	0.07	0.01	1.38	0.57	17.2	0.11	3.54	0.45	1.51	0.06	0.01	0	0.05	0.62	5.2
Rock	Emily	ST078143	0	0.05	3.56	0.02	0.13	0.02	0.03	1.9	193	0.62	0.23	0.02	9.96	3.45	32.7	0.97	13	1.24	4.15	0.07	0.05	0.02	0.42	4.8	13.7
Rock	Emily	ST078144	0	0.13	18.35	0.33	0.43	0.14	0.28	10.35	750	3.3	1.69	0.18	61.1	13.6	128.5	2.1	101.5	5.69	25.9	0.25	0.18	0.06	1.35	25.7	141.5
Rock	Emily	ST078145	0	0.03	7.56	0.11	0.09	0.03	0.05	3.1	95	1.08	0.22	0.03	9.01	1.94	25.2	0.32	12.35	1.17	5.77	0.07	0.03	0.01	0.22	4.42	31.2
Rock	Emily	ST078146	0.01	0.17	22.9	0.83	0.25	0.08	0.18	6.15	333	2.7	0.65	0.09	29.5	4.61	60.7	1.58	38.2	2.6	12.05	0.14	0.07	0.02	1.26	13.9	49.9
Rock	Emily	ST078147	0.03	0.13	197	0.6	2.46	0.06	0.18	7.09	411	1.51	0.75	0.12	21.5	6.31	63.7	1.35	21.1	2.65	13.25	0.14	0.07	0.03	1.03	10.2	41.7
Rock	Emily	ST078148	0.04	0.1	92	0.21	13.1	0.06	0.12	1.69	42	0.36	1.27	0.08	1.91	4.26	19.4	0.24	28	1.66	3.16	0.07	0.01	0.07	0.1	0.88	5.8
Rock	Emily	ST078149	0.01	0.06	21.6	0.2	0.33	0.07	0.15	8.51	259	1.15	0.94	0.1	25.3	10.45	72.5	0.99	55	2.52	12.2	0.13	0.06	0.02	0.73	11.7	44.5
Rock	Emily	ST078150	0.01	0.02	1.46	0.43	0.57	0.02	0.39	7.12	305	0.85	9.66	0.11	52.6	24.6	10.2	0.27	674	6.66	18.5	0.25	1.93	0.08	0.68	22.6	7.4
Soil	Connor	ST077883	0.01	0.17	91.1	0.23	4.69	0.08	0.21	9.12	750	2.27	1.8	0.2	53.9	25.4	124	5.41	77.1	6.58	19.55	0.23	0.18	0.08	2.08	25.3	79.2
Soil	Connor	ST077884	0	0.16	66.3	0.22	2.09	0.08	0.17	8.39	590	1.92	1.96	0.23	44.5	25.6	124	5.31	76.5	6.32	18.55	0.23	0.27	0.09	1.87	18.55	68.5
Soil	Connor	ST077885	0.01	0.18	43.8	0.79	0.83	0.07	0.23	8.08	660	2.13	1.83	0.32	45.3	24	106.5	4.39	62.4	5.75	15.35	0.19	0.87	0.07	1.38	20.4	63.9
Soil	Connor	ST077886	0.02	0.18	44.7	0.55	0.77	0.06	0.22	8	600	1.73	1.59	0.17	46.9	20.8	100	4.38	61.5	5.15	15.75	0.19	0.61	0.07	1.44	21.3	58.9

APPENDIX F—ASSAY TABLES—FOR PLOTTING—values with < symbols have been divided by two, > symbols are removed, 0-values are values rounded to zero where < values/2 that have more than two zero place holders after the decimal point

Type	Sampler	SampleID	Mg%	Mnppm	Moppm	Na%	Nbppm	Nippm	P%	Pbppm	Rbppm	Reppm	S%	Scppm	Seppm	Snppm	Srppm	Tappm	Thppm	Ti%	Tlppm	Uppm	Vppm	Yppm	Znppm	Zrppm
Rock	JeanP	ST075816	0.46	270	0.41	0.42	1.44	4.91	0.02	3.45	27.6	0	0.11	3.63	0.37	0.38	55.8	0.1	1.33	0.08	0.13	0.36	32.1	2.46	21.1	1.2
Rock	JeanP	ST075817	0.87	433	0.7	0.99	5.6	22.6	0.08	4.7	51.5	0	0.67	12.4	1.45	1.52	122	0.35	4.42	0.27	0.21	1.18	111	12.1	47.4	4.3
Rock	JeanP	ST075818	0.43	213	0.5	0.73	2.7	16.3	0.03	8.07	30.4	0	0.58	6.12	1.3	1.52	67.1	0.17	1.61	0.14	0.13	0.52	56	5.51	56.1	2.1
Rock	JeanP	ST075819	1.14	594	0.73	1.43	6.96	36.1	0.08	6.26	63	0	0.45	15.5	0.87	2.21	152.5	0.44	4.99	0.34	0.27	1.26	141	12.95	84.5	4
Rock	JeanP	ST075820	1.36	771	0.83	1.64	8.28	58.6	0.1	7.26	63	0	0.56	17.75	0.49	1.61	217	0.51	5.65	0.39	0.26	1.62	150	14.5	141	4
Rock	JeanP	ST075821	0.38	330	16.05	0.61	4.05	15.3	0.02	5.39	19.15	0.01	0.02	4.54	0.37	0.37	88.7	0.33	2.78	0.27	0.11	0.63	39	3.07	28.2	2.2
Rock	JeanP	ST075822	1.56	753	1.08	1.83	9.95	36	0.11	12.9	79.1	0	0.09	20.2	0.74	2.19	255	0.7	7.75	0.52	0.39	2	178	11.3	98.5	6.6
Rock	JeanP	ST075823	0.89	576	0.88	0.57	3.28	25.5	0.18	4.73	34.9	0	0.02	4.8	0.38	0.42	80.3	0.27	3.12	0.22	0.21	1.07	44	10.9	44.4	2.4
Rock	JeanP	ST075824	1.19	773	0.8	2.08	8.32	19.8	0.09	18.25	62.9	0	0.29	16.65	0.67	1.18	252	0.5	4.52	0.42	0.36	1.12	133	9.39	97.8	4.1
Rock	JeanP	ST075825	1.11	678	0.61	1.2	7.31	35.8	0.14	11.85	46.6	0	0.01	14.05	0.23	1.04	172	0.45	4.26	0.35	0.25	1.08	126	9.05	92	3.8
Rock	JeanP	ST075826	2.6	1770	0.24	0.77	1.57	53.6	0.02	6.38	26.9	0	0.03	2.49	0.47	0.46	84.8	0.13	0.51	0.11	0.29	0.31	25.3	0.97	109	0.9
Rock	JeanP	ST075827	1.52	783	0.95	1.54	9.51	40.6	0.09	16.7	78.1	0	0.01	20.5	0.61	1.43	224	0.6	6.15	0.49	0.46	1.68	180.5	8.15	118	5.5
Rock	Connor	ST077893	1.34	746	1.1	1.67	11.1	54	0.1	15.15	88.3	0	0.01	21.9	0.3	1.94	269	0.7	7.51	0.49	0.51	1.81	183	9.61	122	6
Rock	Connor	ST077894	0.42	264	0.28	0.52	4.28	13.2	0.05	4.26	23.1	0	0.02	5.63	0.21	0.46	73.4	0.3	2.54	0.26	0.14	0.65	58.9	5.59	48.6	1.9
Rock	Connor	ST077895	1.12	869	1.02	1.8	8.77	37.6	0.11	14.8	71.9	0	0.01	15.6	0.31	1.47	263	0.56	5.25	0.41	0.39	1.4	139	9.31	91.2	3.6
Rock	Connor	ST077896	0.37	302	0.69	0.6	2.22	13.6	0.03	4.52	12.75	0	0.03	3.59	0.69	0.19	86.4	0.18	1.84	0.15	0.07	0.49	25.6	2.87	21.7	1.4
Rock	Connor	ST077897	0.05	61.8	0.16	0.03	0.05	3.16	0	0.23	0.67	0	0.01	0.12	0.04	0.05	3.71	0.01	0.03	0	0	0.01	1.1	0.12	3	0.1
Rock	Connor	ST077898	1.59	883	1.64	2.03	11.8	56.7	0.1	15.05	61.7	0	0.16	19.7	1.2	1.39	267	0.78	7.36	0.57	0.36	1.96	175	7.45	123	6.2
Rock	Connor	ST077899	1.56	1025	0.56	1.83	9.49	77.5	0.08	12.9	48.8	0	0.01	12.45	0.38	0.58	223	0.79	6.39	0.6	0.27	1.75	74	7.64	75.6	3.6
Rock	Connor	ST077900	1.33	1540	1.52	1.33	8.42	35.1	0.52	9.57	68.4	0	0.73	16.9	2.08	1.04	249	0.49	3.94	0.43	0.36	1.35	168.5	28	81.2	3.5
Rock	ShaneC	ST077901	1.53	996	0.93	1.05	2.53	16.05	0.08	7.02	19.2	0	0.02	4.6	0.21	0.35	108.5	0.21	2.96	0.17	0.1	0.88	31.5	5.8	58.8	2.3
Rock	ShaneC	ST077902	1.06	559	0.73	2.63	7.11	29.5	0.05	21.4	50.1	0	0.05	13.2	0.45	1.18	414	0.44	4.09	0.33	0.3	1.09	122	6	62.3	3.3
Rock	ShaneC	ST077903	0.02	39	0.12	0.01	0.04	2.34	0	0.26	0.32	0	0.01	0.05	0.03	0.02	1.96	0.01	0.02	0	0	0.02	1.2	0.18	1.9	0.2
Rock	ShaneC	ST077904	0.52	266	1.54	0.46	3.22	19.2	0.07	12.75	32	0	0.49	6.92	1.4	1.32	56.7	0.2	2.35	0.16	0.15	0.69	64.3	7.51	134.5	2.3
Rock	ShaneC	ST077905	0.05	56.4	0.16	0.09	0.38	1.97	0	0.82	3.23	0	0.01	0.96	0.09	0.11	11.3	0.02	0.41	0.02	0.02	0.09	8	0.72	3.9	0.4
Rock	ShaneC	ST077906	0.28	174.5	2.14	0.48	1.66	7.73	0.02	38.3	8.57	0	0.22	3.4	0.95	0.6	44.7	0.11	1.17	0.08	0.04	0.31	32.1	3.32	22.6	1.5
Rock	ShaneC	ST077907	0.23	240	0.18	0.23	0.95	12.1	0.08	1.98	5.38	0	0.01	1.16	0.03	0.18	19.25	0.09	0.79	0.08	0.02	0.39	26.2	4.44	11	1.3
Rock	ShaneC	ST077908	0.29	175.5	0.34	0.59	1.85	8.74	0.03	4.99	13.6	0	0.01	3.21	0.07	0.25	62.8	0.12	1.2	0.09	0.08	0.41	30.4	2.88	24.1	1.7
Rock	ShaneC	ST077909	0.06	67.4	0.8	0.2	0.31	3.25	0	27.6	3.07	0	0.33	0.78	1.52	0.11	25	0.02	0.25	0.02	0.02	0.12	7.5	1.03	4.8	0.6
Rock	ShaneC	ST077910	1.29	622	1.15	1.24	7.72	25.8	0.1	9.11	64.7	0	0.36	16.5	1.02	1.96	179.5	0.49	5.26	0.36	0.3	1.41	154	12.75	93.4	6.1
Rock	ShaneC	ST077911	1.21	743	0.79	1.47	8.23	41.4	0.15	11.65	54.4	0	0.16	16.45	0.5	1.08	232	0.53	5.26	0.41	0.31	1.49	140	9.64	83.9	4.3
Rock	ShaneC	ST077912	2.11	1510	1.16	2.1	8.11	34.7	0.1	16.2	51.6	0	0.18	10.7	1	0.75	253	0.71	5.65	0.58	0.31	1.55	71	8.19	102.5	4.6
Rock	ShaneC	ST077913	1.43	675	1.41	1.16	8.7	24.3	0.09	19.8	92.1	0	0.36	20.7	0.63	1.77	152.5	0.57	6.56	0.4	0.41	1.56	169.5	10.75	89.6	5.6
Rock	ShaneC	ST077914	0.04	109	0.23	0.23	0.21	4.49	0	2.14	1.89	0	0.01	0.42	0.02	0.06	15.15	0.01	0.13	0.01	0.01	0.06	5.1	0.37	4.6	0.3

APPENDIX F—ASSAY TABLES—FOR PLOTTING—values with < symbols have been divided by two, > symbols are removed, 0-values are values rounded to zero where < values/2 that have more than two zero place holders after the decimal point

Type	Sampler	SampleID	Mg%	Mnppm	Moppm	Na%	Nbppm	Nippm	P%	Pbppm	Rbppm	Reppm	S%	Scppm	Seppm	Snppm	Srppm	Tappm	Thppm	Ti%	Tlppm	Uppm	Vppm	Yppm	Znppm	Zrppm
Rock	ShaneC	ST077915	0.96	518	1.36	1.14	6.68	26.8	0.03	12.85	48.7	0	0.63	13.15	1.25	1.77	169.5	0.42	4.08	0.3	0.23	1.19	124.5	11.25	93.4	4.7
Rock	ShaneC	ST077916	0.73	484	0.78	0.76	4.65	19.25	0.17	6.9	31.3	0	0.08	9.74	0.42	0.65	124.5	0.3	2.93	0.25	0.18	0.89	109.5	8.87	119.5	3.8
Rock	ShaneC	ST077917	0.33	198.5	0.71	0.58	2.02	21.3	0.06	4.84	16.5	0	0.35	5.04	0.84	0.71	69.7	0.13	1.32	0.11	0.07	0.52	40.2	7.01	26.8	1.5
Rock	Emily	ST078135	0.33	336	0.59	0.33	1.38	15.05	0.07	2.79	7.72	0	0.01	1.66	0.24	0.23	44.2	0.12	1.02	0.1	0.03	0.4	16.4	2.98	18.2	1.1
Rock	Emily	ST078136	0.87	680	0.84	1.83	6.5	28.4	0.09	16.95	50.7	0	0.04	12.75	0.47	1.13	298	0.44	4.28	0.32	0.28	1.01	99.2	7.1	70.5	4.4
Rock	Emily	ST078137	1.13	844	2.42	0.81	5.53	23.9	0.3	9.03	40.3	0	0.14	11.95	1.25	0.89	121	0.46	5.42	0.37	0.2	1.74	103	17.45	66.1	4.1
Rock	Emily	ST078138	0.61	563	0.36	0.8	4.01	22.8	0.04	8.26	34.8	0	0.13	7.14	0.39	1.17	305	0.25	2.38	0.18	0.19	0.52	65.8	4.51	43.7	2.3
Rock	Emily	ST078139	0.68	508	1.02	0.67	2.28	20	0.01	5.19	14.5	0	0.03	3.52	0.22	0.26	89.5	0.16	1.53	0.13	0.07	0.41	39	1.7	37.6	1.5
Rock	Emily	ST078140	0.95	554	0.73	0.94	7.6	37.6	0.08	9.26	58.7	0	0.03	12.9	0.27	1.28	155	0.46	4.4	0.35	0.31	1.03	125.5	5.85	66.6	4
Rock	Emily	ST078141	1.49	844	1.36	1.38	12.15	39.7	0.14	14.45	95.9	0	0.07	20.7	0.46	1.87	236	0.75	7.22	0.52	0.5	1.7	194	11.05	117	6.9
Rock	Emily	ST078142	0.05	64.5	0.17	0.04	0.28	2.11	0.02	0.39	1.81	0	0.01	0.42	0.03	0.09	5.76	0.02	0.15	0.02	0.01	0.06	6.6	0.91	4	0.5
Rock	Emily	ST078143	0.29	209	0.69	0.27	2.28	12.85	0.03	3.05	17.85	0	0.02	3.71	0.08	0.4	46.1	0.14	1.36	0.11	0.1	0.33	38.5	2.07	27.5	1.3
Rock	Emily	ST078144	1.82	1330	1.48	2.07	12.15	39.9	0.3	16.85	35.8	0	0.1	17.05	0.95	1.21	288	0.92	8.19	0.67	0.27	2.33	149	18.3	110	6.1
Rock	Emily	ST078145	0.34	317	0.25	0.32	1.22	15.5	0.03	2.2	7.34	0	0.01	1.28	0.14	0.15	37.2	0.11	1.18	0.09	0.03	0.33	15.4	2.46	15.6	0.9
Rock	Emily	ST078146	0.86	535	1.12	0.59	3.38	18.9	0.2	5.04	49.3	0	0.03	3.2	0.59	0.46	80.1	0.3	3.33	0.26	0.25	1.12	29.9	11.85	40.5	2.4
Rock	Emily	ST078147	0.82	505	0.62	0.93	4.45	23.2	0.12	7.48	38.8	0	0.02	7.66	0.27	0.72	146	0.29	2.6	0.23	0.17	0.86	87	7.8	57	2.1
Rock	Emily	ST078148	0.17	626	0.15	0.5	0.79	6.73	0.04	3.48	3.83	0	0.03	3.71	0.24	0.51	135	0.04	0.15	0.03	0.02	0.14	13.4	5.72	29.9	0.2
Rock	Emily	ST078149	0.87	471	0.73	2.6	3.83	36.7	0.05	21	21.9	0	0.08	5.87	0.54	0.47	266	0.3	3.21	0.19	0.11	0.94	66.1	4.93	42	2.1
Rock	Emily	ST078150	2.02	938	0.43	3.08	13.55	67.2	0.24	3.64	11.65	0	0.1	36.2	0.25	1.34	226	0.75	2.8	0.87	0.05	2.19	261	38.4	123.5	58.5
Soil	Connor	ST077883	1.8	1745	1.46	1.62	11.65	66.7	0.13	14.55	94.5	0	0.02	21.1	0.26	1.64	300	0.75	7.46	0.62	0.55	1.97	203	10.65	144.5	6.8
Soil	Connor	ST077884	1.79	1450	1.36	1.56	11.1	63.9	0.12	13.25	89.6	0	0.04	20.3	0.3	1.48	324	0.69	5.56	0.62	0.51	1.61	196	9.65	136	10
Soil	Connor	ST077885	1.57	1295	1.82	1.64	10.35	55	0.13	13.55	74.5	0	0.06	17.35	0.42	1.44	297	0.67	5.43	0.56	0.45	1.88	178	12.85	119	33.2
Soil	Connor	ST077886	1.49	963	1.24	1.54	10.2	55.1	0.13	13.1	72.7	0	0.04	16.65	0.36	1.3	271	0.65	5.94	0.55	0.45	1.7	165	10.6	109.5	22.3

7. Appendix G – Assay Certificates

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

To: SENOA GOLD CORP.
1201 - 1166 ALBERNI STREET
VANCOUVER BC V6E 3Z3

Finalized Date: 17-FEB-2023
This copy reported on
6-MAR-2023
Account: SNOLIGO

WH22283770

Project: Cliff

P.O. No.: SGD-22-SC_20221004_R

This report is for 53 samples of Rock submitted to our lab in Whitehorse, YT, Canada on 4-OCT-2022.

The following have access to data associated with this certificate:

SCOTT BERDAHL ZOE GOODYEAR	THOMAS BRANSON ANDREW TURNER	SERGIO GAMONAL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
SOR-01	Additional sorting of samples
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-MS61L	Super Trace Lowest DL 4A by ICP-MS	

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

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

Signature:



Saa Traxler, Director, North Vancouver Operations

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

To: SENOA GOLD CORP.
1201 - 1166 ALBERNI STREET
VANCOUVER BC V6E 3Z3

Finalized Date: 17-FEB-2023
Account: SNOLIGO

Project: Cliff

CERTIFICATE OF ANALYSIS WH22283770

Sample Description	Method	WEI-21	Au-AA23	Au-GRA21	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.05	0.002	0.01	0.02	1	0.02	0.002	0.01	0.005	0.01	0.005	0.3	0.01
ST078138		2.81	<0.005		0.110	4.02	5.03	264	1.32	0.084	1.77	0.135	17.50	7.41	45.0	1.87
ST078139		3.19	<0.005		0.100	4.58	5.80	197	2.99	0.066	0.47	0.057	11.60	4.97	33.6	0.66
ST078140		1.26	<0.005		0.082	6.30	2.60	700	1.21	0.144	0.85	0.088	34.2	10.40	77.9	3.24
ST078141		1.76	<0.005		0.144	8.81	4.25	980	1.53	0.290	1.18	0.102	55.6	13.70	110.0	5.12
ST078142		1.25	<0.005		0.019	0.88	2.08	39	0.13	0.023	0.07	0.008	1.38	0.570	17.2	0.11
ST078143		1.55	<0.005		0.026	1.90	3.56	193	0.62	0.052	0.23	0.023	9.96	3.45	32.7	0.97
ST078144		1.70	<0.005		0.282	10.35	18.35	750	3.30	0.134	1.69	0.176	61.1	13.60	128.5	2.10
ST078145		2.06	<0.005		0.050	3.10	7.56	95	1.08	0.030	0.22	0.032	9.01	1.935	25.2	0.32
ST078146		2.10	0.013		0.183	6.15	22.9	333	2.70	0.166	0.65	0.091	29.5	4.61	60.7	1.58
ST078147		1.86	0.033		0.175	7.09	197.0	411	1.51	0.129	0.75	0.116	21.5	6.31	63.7	1.35
ST078148		1.03	0.044		0.119	1.69	92.0	42	0.36	0.098	1.27	0.080	1.91	4.26	19.4	0.24
ST078149		2.53	0.005		0.149	8.51	21.6	259	1.15	0.063	0.94	0.102	25.3	10.45	72.5	0.99
ST078150		1.41	0.007		0.393	7.12	1.46	305	0.85	0.022	9.66	0.110	52.6	24.6	10.2	0.27
ST077901		2.16	0.009		0.057	7.25	9.77	240	5.95	0.025	0.70	0.054	22.7	6.46	43.3	0.91
ST077902		1.88	<0.005		0.215	7.94	13.25	460	2.28	0.074	1.71	0.125	31.4	10.70	80.7	3.29
ST077903		1.09	<0.005		0.007	0.15	19.45	13	0.08	0.004	0.02	0.013	0.20	0.403	15.6	0.06
ST077904		1.63	>10.0	15.05	3.11	3.23	>10000	421	0.69	3.09	0.45	5.33	19.25	7.62	50.9	0.98
ST077905		1.92	0.020		0.035	0.47	111.0	45	0.10	0.069	0.05	0.030	3.04	0.546	26.7	0.11
ST077906		1.64	>10.0	11.15	4.40	1.68	5820	132	0.31	35.1	0.21	0.787	9.30	3.11	41.6	0.25
ST077907		1.63	0.043		0.022	6.80	76.6	49	3.69	0.055	0.27	0.047	7.84	4.49	36.8	0.18
ST077908		1.01	6.36		1.120	1.90	426	197	0.33	14.35	0.35	0.037	9.70	3.00	39.1	0.88
ST077909		1.35	>10.0	26.9	8.63	0.50	>10000	48	0.14	20.1	0.16	0.129	2.99	2.74	20.0	0.09
ST077910		1.62	1.100		1.615	7.24	4500	760	1.36	2.09	0.77	1.025	42.4	8.38	97.9	2.00
ST077911		0.67	0.050		0.180	7.40	30.4	630	1.94	0.228	1.42	0.154	44.0	14.15	95.9	4.22
ST077912		1.27	0.011		0.357	11.15	43.2	510	3.59	0.103	1.10	0.147	40.4	15.95	104.0	2.65
ST077913		1.21	0.173		0.444	8.07	3360	980	1.71	0.369	0.51	0.513	49.4	8.67	107.0	2.66
ST077914		1.43	5.65		0.501	0.49	85.7	32	0.16	7.28	0.06	0.029	1.13	4.34	22.1	0.13
ST077915		0.35	1.305		1.305	5.82	>10000	780	1.41	2.46	0.73	2.77	32.8	11.85	78.1	1.39
ST077916		0.82	0.009		0.147	7.85	10.95	374	0.81	0.152	0.81	0.085	23.7	7.94	63.4	1.83
ST077917		0.21	5.29		1.225	2.58	9810	280	0.64	1.655	0.53	0.154	28.9	5.84	29.7	0.39
ST075816		2.23	0.079		0.128	3.23	2490	214	1.17	0.229	0.24	0.069	9.63	2.08	41.1	1.14
ST075817		0.57	0.719		0.281	5.46	>10000	690	1.07	0.966	0.63	0.390	33.7	8.98	77.5	1.41
ST075818		0.91	4.37		4.26	3.20	>10000	382	0.69	7.01	0.16	3.31	13.60	8.13	46.1	0.78
ST075819		1.92	0.294		0.311	6.59	9010	700	1.23	1.215	0.56	2.24	39.7	10.05	101.5	1.72
ST075820		0.83	0.043		0.279	7.28	893	660	1.43	0.684	0.81	3.64	46.1	17.05	110.5	1.84
ST075821		1.73	0.006		0.057	3.48	40.0	191	0.53	0.058	0.44	0.045	19.70	4.92	46.8	1.13
ST075822		0.64	0.093		0.278	9.25	1130	960	1.59	0.477	0.96	0.129	60.9	10.35	130.0	3.52
ST075823		1.12	0.017		0.121	6.08	44.1	338	3.35	0.127	0.62	0.109	27.4	6.30	62.2	1.49
ST075824		1.43	0.012		0.282	7.19	70.3	530	1.17	0.197	1.93	0.131	43.9	12.40	84.2	4.50
ST075825		0.42	6.03		0.408	5.88	368	500	0.95	2.34	1.06	0.187	34.5	9.79	84.6	2.21

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VANCOUVER BC V6E 3Z3

Finalized Date: 17-FEB-2023
Account: SNOLIGO

Project: Cliff

CERTIFICATE OF ANALYSIS WH22283770

Sample Description	Method Analyte Units LOD	ME-MS61L Cu ppm 0.02	ME-MS61L Fe % 0.002	ME-MS61L Ga ppm 0.05	ME-MS61L Ge ppm 0.05	ME-MS61L Hf ppm 0.004	ME-MS61L In ppm 0.005	ME-MS61L K % 0.01	ME-MS61L La ppm 0.005	ME-MS61L Li ppm 0.2	ME-MS61L Mg % 0.01	ME-MS61L Mn ppm 0.2	ME-MS61L Mo ppm 0.02	ME-MS61L Na % 0.001	ME-MS61L Nb ppm 0.005	ME-MS61L Ni ppm 0.08
ST078138		46.0	2.30	8.04	0.13	0.054	0.029	0.78	8.31	17.6	0.61	563	0.36	0.796	4.01	22.8
ST078139		18.00	1.860	7.50	0.11	0.040	0.012	0.47	5.77	52.5	0.68	508	1.02	0.671	2.28	20.0
ST078140		31.8	3.65	12.85	0.16	0.124	0.052	1.35	15.85	40.6	0.95	554	0.73	0.941	7.60	37.6
ST078141		43.8	5.26	20.5	0.21	0.200	0.073	2.22	25.4	48.9	1.49	844	1.36	1.380	12.15	39.7
ST078142		3.54	0.450	1.51	0.06	0.007	<0.005	0.05	0.618	5.2	0.05	64.5	0.17	0.037	0.277	2.11
ST078143		13.00	1.240	4.15	0.07	0.046	0.017	0.42	4.80	13.7	0.29	209	0.69	0.273	2.28	12.85
ST078144		101.5	5.69	25.9	0.25	0.177	0.058	1.35	25.7	141.5	1.82	1330	1.48	2.07	12.15	39.9
ST078145		12.35	1.170	5.77	0.07	0.028	0.005	0.22	4.42	31.2	0.34	317	0.25	0.321	1.215	15.50
ST078146		38.2	2.60	12.05	0.14	0.067	0.022	1.26	13.90	49.9	0.86	535	1.12	0.594	3.38	18.90
ST078147		21.1	2.65	13.25	0.14	0.065	0.031	1.03	10.20	41.7	0.82	505	0.62	0.932	4.45	23.2
ST078148		28.0	1.660	3.16	0.07	0.008	0.071	0.10	0.883	5.8	0.17	626	0.15	0.496	0.787	6.73
ST078149		55.0	2.52	12.20	0.13	0.063	0.019	0.73	11.70	44.5	0.87	471	0.73	2.60	3.83	36.7
ST078150		674	6.66	18.50	0.25	1.930	0.075	0.68	22.6	7.4	2.02	938	0.43	3.08	13.55	67.2
ST077901		19.25	3.37	15.35	0.14	0.058	0.015	0.59	9.37	75.9	1.53	996	0.93	1.045	2.53	16.05
ST077902		39.4	3.60	14.15	0.17	0.092	0.048	1.35	12.15	27.1	1.06	559	0.73	2.63	7.11	29.5
ST077903		3.96	0.340	0.38	0.05	<0.004	<0.005	0.01	0.078	4.8	0.02	39.0	0.12	0.011	0.037	2.34
ST077904		21.3	2.47	7.87	0.12	0.060	0.180	0.87	8.08	15.9	0.52	266	1.54	0.455	3.22	19.20
ST077905		5.17	0.450	1.07	0.05	0.011	0.005	0.10	1.310	4.2	0.05	56.4	0.16	0.086	0.383	1.97
ST077906		11.35	1.570	3.77	0.08	0.045	0.018	0.27	3.87	9.1	0.28	174.5	2.14	0.477	1.655	7.73
ST077907		4.39	0.830	11.10	0.06	0.028	0.007	0.23	3.09	33.1	0.23	240	0.18	0.227	0.953	12.10
ST077908		7.64	1.200	3.92	0.06	0.039	0.009	0.36	4.15	17.1	0.29	175.5	0.34	0.586	1.850	8.74
ST077909		1.50	1.250	1.10	0.06	0.013	<0.005	0.08	1.325	3.0	0.06	67.4	0.80	0.201	0.312	3.25
ST077910		49.9	4.33	17.10	0.15	0.172	0.090	1.73	17.00	34.3	1.29	622	1.15	1.235	7.72	25.8
ST077911		64.9	4.16	15.80	0.18	0.124	0.043	1.45	17.85	53.4	1.21	743	0.79	1.470	8.23	41.4
ST077912		122.0	5.36	27.0	0.20	0.124	0.027	1.92	15.35	182.5	2.11	1510	1.16	2.10	8.11	34.7
ST077913		40.3	4.61	20.4	0.22	0.154	0.090	2.38	19.85	37.7	1.43	675	1.41	1.160	8.70	24.3
ST077914		3.20	0.380	0.92	0.05	0.006	<0.005	0.05	0.470	6.8	0.04	109.0	0.23	0.232	0.214	4.49
ST077915		48.7	4.18	14.05	0.16	0.130	0.118	1.29	13.35	28.4	0.96	518	1.36	1.135	6.68	26.8
ST077916		39.6	2.92	19.10	0.12	0.097	0.034	0.90	9.86	44.6	0.73	484	0.78	0.762	4.65	19.25
ST077917		14.90	2.06	5.81	0.11	0.047	0.023	0.41	12.10	15.3	0.33	198.5	0.71	0.579	2.02	21.3
ST075816		11.50	1.580	6.49	0.07	0.029	0.024	0.79	4.03	18.1	0.46	270	0.41	0.423	1.440	4.91
ST075817		23.0	3.43	13.05	0.14	0.125	0.043	1.30	13.80	25.3	0.87	433	0.70	0.994	5.60	22.6
ST075818		13.95	2.72	7.24	0.10	0.061	0.713	0.78	5.74	15.6	0.43	213	0.50	0.734	2.70	16.30
ST075819		35.2	4.14	16.05	0.16	0.126	0.081	1.60	16.15	32.4	1.14	594	0.73	1.430	6.96	36.1
ST075820		65.9	4.24	17.20	0.17	0.096	0.067	1.57	19.05	32.3	1.36	771	0.83	1.640	8.28	58.6
ST075821		39.2	1.820	6.64	0.10	0.058	0.016	0.49	8.24	22.1	0.38	330	16.05	0.607	4.05	15.30
ST075822		48.9	4.72	22.6	0.20	0.177	0.075	2.19	24.3	53.3	1.56	753	1.08	1.825	9.95	36.0
ST075823		38.7	2.51	12.60	0.13	0.073	0.016	0.95	11.15	58.9	0.89	576	0.88	0.567	3.28	25.5
ST075824		32.7	4.15	16.30	0.19	0.113	0.056	1.57	17.75	25.7	1.19	773	0.80	2.08	8.32	19.80
ST075825		22.6	3.81	14.20	0.17	0.112	0.051	1.23	14.45	39.2	1.11	678	0.61	1.200	7.31	35.8

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Sample Description	Method	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOD	0.001	0.01	0.02	0.0004	0.01	0.02	0.01	0.006	0.02	0.02	0.01	0.005	0.004	0.001	0.002
ST078138		0.041	8.26	34.8	<0.0004	0.13	0.05	7.14	0.387	1.17	305	0.25	0.051	2.38	0.182	0.187
ST078139		0.009	5.19	14.50	0.0004	0.03	0.10	3.52	0.218	0.26	89.5	0.16	0.033	1.530	0.125	0.068
ST078140		0.075	9.26	58.7	0.0004	0.03	0.03	12.90	0.272	1.28	155.0	0.46	0.051	4.40	0.350	0.308
ST078141		0.137	14.45	95.9	0.0007	0.07	0.22	20.7	0.464	1.87	236	0.75	0.088	7.22	0.524	0.502
ST078142		0.016	0.39	1.81	<0.0004	0.01	0.02	0.42	0.033	0.09	5.76	0.02	0.006	0.152	0.015	0.010
ST078143		0.025	3.05	17.85	<0.0004	0.02	0.02	3.71	0.080	0.40	46.1	0.14	0.015	1.355	0.107	0.095
ST078144		0.298	16.85	35.8	0.0010	0.10	0.33	17.05	0.953	1.21	288	0.92	0.136	8.19	0.673	0.270
ST078145		0.034	2.20	7.34	<0.0004	<0.01	0.11	1.28	0.137	0.15	37.2	0.11	0.028	1.175	0.091	0.032
ST078146		0.199	5.04	49.3	0.0005	0.03	0.83	3.20	0.594	0.46	80.1	0.30	0.081	3.33	0.259	0.249
ST078147		0.122	7.48	38.8	0.0005	0.02	0.60	7.66	0.265	0.72	146.0	0.29	0.063	2.60	0.232	0.173
ST078148		0.038	3.48	3.83	0.0004	0.03	0.21	3.71	0.240	0.51	135.0	0.04	0.055	0.151	0.025	0.021
ST078149		0.046	21.0	21.9	0.0008	0.08	0.20	5.87	0.537	0.47	266	0.30	0.067	3.21	0.185	0.108
ST078150		0.237	3.64	11.65	0.0008	0.10	0.43	36.2	0.245	1.34	226	0.75	0.019	2.80	0.874	0.051
ST077901		0.075	7.02	19.20	0.0005	0.02	0.15	4.60	0.208	0.35	108.5	0.21	0.022	2.96	0.172	0.101
ST077902		0.048	21.4	50.1	0.0006	0.05	0.16	13.20	0.454	1.18	414	0.44	0.051	4.09	0.330	0.298
ST077903		0.003	0.26	0.32	<0.0004	<0.01	0.03	0.05	0.031	0.02	1.96	<0.01	<0.005	0.019	0.004	0.003
ST077904		0.066	12.75	32.0	0.0007	0.49	7.09	6.92	1.395	1.32	56.7	0.20	0.931	2.35	0.155	0.152
ST077905		0.001	0.82	3.23	<0.0004	0.01	0.15	0.96	0.090	0.11	11.30	0.02	0.009	0.408	0.024	0.015
ST077906		0.015	38.3	8.57	0.0005	0.22	2.88	3.40	0.947	0.60	44.7	0.11	6.18	1.170	0.080	0.044
ST077907		0.077	1.98	5.38	<0.0004	<0.01	0.12	1.16	0.029	0.18	19.25	0.09	0.046	0.790	0.078	0.022
ST077908		0.028	4.99	13.60	<0.0004	0.01	0.26	3.21	0.069	0.25	62.8	0.12	2.92	1.195	0.090	0.080
ST077909		0.004	27.6	3.07	0.0004	0.33	3.12	0.78	1.515	0.11	25.0	0.02	5.07	0.245	0.016	0.018
ST077910		0.099	9.11	64.7	0.0012	0.36	4.82	16.50	1.020	1.96	179.5	0.49	0.526	5.26	0.357	0.303
ST077911		0.154	11.65	54.4	0.0013	0.16	0.04	16.45	0.498	1.08	232	0.53	0.082	5.26	0.408	0.311
ST077912		0.099	16.20	51.6	0.0017	0.18	0.55	10.70	0.996	0.75	253	0.71	0.114	5.65	0.577	0.309
ST077913		0.093	19.80	92.1	0.0016	0.36	3.99	20.7	0.627	1.77	152.5	0.57	0.096	6.56	0.401	0.413
ST077914		0.004	2.14	1.89	<0.0004	<0.01	0.42	0.42	0.020	0.06	15.15	0.01	1.835	0.126	0.011	0.011
ST077915		0.032	12.85	48.7	0.0016	0.63	9.64	13.15	1.250	1.77	169.5	0.42	0.402	4.08	0.304	0.228
ST077916		0.171	6.90	31.3	0.0009	0.08	0.03	9.74	0.416	0.65	124.5	0.30	0.071	2.93	0.247	0.184
ST077917		0.059	4.84	16.50	0.0007	0.35	6.02	5.04	0.838	0.71	69.7	0.13	0.673	1.320	0.105	0.073
ST075816		0.022	3.45	27.6	0.0004	0.11	2.58	3.63	0.367	0.38	55.8	0.10	0.067	1.330	0.081	0.130
ST075817		0.082	4.70	51.5	0.0013	0.67	13.25	12.40	1.445	1.52	122.0	0.35	0.243	4.42	0.274	0.214
ST075818		0.033	8.07	30.4	0.0004	0.58	11.25	6.12	1.300	1.52	67.1	0.17	0.362	1.605	0.137	0.131
ST075819		0.080	6.26	63.0	0.0012	0.45	6.99	15.50	0.865	2.21	152.5	0.44	0.126	4.99	0.338	0.265
ST075820		0.098	7.26	63.0	0.0015	0.56	2.01	17.75	0.490	1.61	217	0.51	0.039	5.65	0.388	0.264
ST075821		0.023	5.39	19.15	0.0102	0.02	0.08	4.54	0.369	0.37	88.7	0.33	0.042	2.78	0.269	0.106
ST075822		0.107	12.90	79.1	0.0018	0.09	1.76	20.2	0.735	2.19	255	0.70	0.090	7.75	0.520	0.387
ST075823		0.182	4.73	34.9	0.0004	0.02	0.40	4.80	0.384	0.42	80.3	0.27	0.064	3.12	0.224	0.207
ST075824		0.086	18.25	62.9	0.0008	0.29	0.08	16.65	0.668	1.18	252	0.50	0.128	4.52	0.417	0.361
ST075825		0.138	11.85	46.6	<0.0004	0.01	0.41	14.05	0.232	1.04	172.0	0.45	0.764	4.26	0.348	0.250

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

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

To: SENOA GOLD CORP.
1201 - 1166 ALBERNI STREET
VANCOUVER BC V6E 3Z3

Finalized Date: 17-FEB-2023
Account: SNOLIGO

Project: Cliff

CERTIFICATE OF ANALYSIS WH22283770

Sample Description	Method Analyte Units LOD	ME-MS61L U ppm 0.01	ME-MS61L V ppm 0.1	ME-MS61L W ppm 0.008	ME-MS61L Y ppm 0.01	ME-MS61L Zn ppm 0.2	ME-MS61L Zr ppm 0.1
ST078138		0.52	65.8	0.202	4.51	43.7	2.3
ST078139		0.41	39.0	0.091	1.70	37.6	1.5
ST078140		1.03	125.5	0.324	5.85	66.6	4.0
ST078141		1.70	194.0	0.509	11.05	117.0	6.9
ST078142		0.06	6.6	0.039	0.91	4.0	0.5
ST078143		0.33	38.5	0.126	2.07	27.5	1.3
ST078144		2.33	149.0	0.426	18.30	110.0	6.1
ST078145		0.33	15.4	0.088	2.46	15.6	0.9
ST078146		1.12	29.9	0.252	11.85	40.5	2.4
ST078147		0.86	87.0	2.46	7.80	57.0	2.1
ST078148		0.14	13.4	13.10	5.72	29.9	0.2
ST078149		0.94	66.1	0.328	4.93	42.0	2.1
ST078150		2.19	261	0.567	38.4	123.5	58.5
ST077901		0.88	31.5	0.237	5.80	58.8	2.3
ST077902		1.09	122.0	0.263	6.00	62.3	3.3
ST077903		0.02	1.2	0.031	0.18	1.9	0.2
ST077904		0.69	64.3	8.74	7.51	134.5	2.3
ST077905		0.09	8.0	0.646	0.72	3.9	0.4
ST077906		0.31	32.1	3.45	3.32	22.6	1.5
ST077907		0.39	26.2	0.166	4.44	11.0	1.3
ST077908		0.41	30.4	0.230	2.88	24.1	1.7
ST077909		0.12	7.5	1.790	1.03	4.8	0.6
ST077910		1.41	154.0	13.70	12.75	93.4	6.1
ST077911		1.49	140.0	0.311	9.64	83.9	4.3
ST077912		1.55	71.0	0.310	8.19	102.5	4.6
ST077913		1.56	169.5	25.4	10.75	89.6	5.6
ST077914		0.06	5.1	0.089	0.37	4.6	0.3
ST077915		1.19	124.5	16.90	11.25	93.4	4.7
ST077916		0.89	109.5	0.203	8.87	119.5	3.8
ST077917		0.52	40.2	7.59	7.01	26.8	1.5
ST075816		0.36	32.1	3.28	2.46	21.1	1.2
ST075817		1.18	111.0	22.4	12.10	47.4	4.3
ST075818		0.52	56.0	7.08	5.51	56.1	2.1
ST075819		1.26	141.0	19.25	12.95	84.5	4.0
ST075820		1.62	150.0	15.00	14.50	141.0	4.0
ST075821		0.63	39.0	0.370	3.07	28.2	2.2
ST075822		2.00	178.0	10.05	11.30	98.5	6.6
ST075823		1.07	44.0	0.337	10.90	44.4	2.4
ST075824		1.12	133.0	0.309	9.39	97.8	4.1
ST075825		1.08	126.0	0.640	9.05	92.0	3.8

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To: SENOA GOLD CORP.
1201 - 1166 ALBERNI STREET
VANCOUVER BC V6E 3Z3

Finalized Date: 17-FEB-2023
Account: SNOLIGO

Project: Cliff

CERTIFICATE OF ANALYSIS WH22283770

Sample Description	Method / Analyte / Units / LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61L Ag ppm 0.002	ME-MS61L Al % 0.01	ME-MS61L As ppm 0.02	ME-MS61L Ba ppm 1	ME-MS61L Be ppm 0.02	ME-MS61L Bi ppm 0.002	ME-MS61L Ca % 0.01	ME-MS61L Cd ppm 0.005	ME-MS61L Ce ppm 0.01	ME-MS61L Co ppm 0.005	ME-MS61L Cr ppm 0.3	ME-MS61L Cs ppm 0.01
ST075826		0.86	0.006		0.290	12.00	22.3	298	5.67	0.061	0.27	0.062	2.75	11.75	32.3	2.37
ST075827		0.97	0.006		0.287	8.19	16.75	910	1.64	0.193	1.11	0.172	50.4	16.35	120.5	4.73
ST078135		1.43	<0.005		0.084	3.19	18.20	105	1.37	0.049	0.33	0.047	8.27	3.74	36.5	0.27
ST078136		1.10	<0.005		0.142	6.96	9.50	510	1.71	0.112	1.49	0.126	32.1	9.91	73.3	2.99
ST078137		0.92	0.007		0.425	10.85	20.7	436	2.64	0.233	0.97	0.145	43.4	8.25	92.9	1.63
ST077893		1.69	0.005		0.233	8.60	8.27	1010	1.38	0.183	1.25	0.138	57.1	18.60	109.5	4.43
ST077894		2.17	<0.005		0.041	2.30	6.32	274	0.40	0.031	0.42	0.038	19.60	4.99	43.8	1.33
ST077895		1.61	<0.005		0.130	7.17	3.93	600	0.99	0.131	1.66	0.136	44.4	14.50	92.4	4.32
ST077896		0.89	<0.005		0.087	3.06	5.46	137	0.81	0.045	0.41	0.041	13.60	3.45	45.1	0.73
ST077897		2.20	<0.005		0.003	0.37	2.53	8	0.36	0.007	0.02	0.006	0.21	0.629	15.8	0.04
ST077898		2.31	<0.005		0.314	9.73	6.15	900	1.86	0.220	1.24	0.173	56.8	20.3	150.5	3.24
ST077899		1.51	0.014		0.243	11.10	114.5	440	2.65	0.070	0.93	0.109	48.9	18.10	136.5	1.96
ST077900		2.29	0.014		0.477	7.89	413	420	1.15	0.441	3.74	0.489	34.3	22.7	94.1	3.49

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To: SENOA GOLD CORP.
1201 - 1166 ALBERNI STREET
VANCOUVER BC V6E 3Z3

Finalized Date: 17-FEB-2023
Account: SNOLIGO

Project: Cliff

CERTIFICATE OF ANALYSIS WH22283770

Sample Description	Method	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOD	0.02	0.002	0.05	0.05	0.004	0.005	0.01	0.005	0.2	0.01	0.2	0.02	0.001	0.005	0.08
ST075826		90.0	5.59	32.5	0.17	0.024	0.014	2.06	0.863	365	2.60	1770	0.24	0.774	1.570	53.6
ST075827		48.2	5.00	19.90	0.21	0.143	0.060	2.07	20.4	44.9	1.52	783	0.95	1.535	9.51	40.6
ST078135		25.1	1.240	6.02	0.08	0.031	0.009	0.30	3.44	23.2	0.33	336	0.59	0.333	1.375	15.05
ST078136		31.6	3.25	14.20	0.17	0.118	0.043	1.22	13.00	37.1	0.87	680	0.84	1.825	6.50	28.4
ST078137		115.5	3.76	24.7	0.19	0.105	0.027	1.40	16.30	74.9	1.13	844	2.42	0.813	5.53	23.9
ST077893		38.4	4.94	21.6	0.23	0.158	0.080	2.15	23.2	36.0	1.34	746	1.10	1.665	11.10	54.0
ST077894		15.40	1.840	5.70	0.13	0.047	0.018	0.57	8.25	16.8	0.42	264	0.28	0.524	4.28	13.20
ST077895		38.9	4.35	15.70	0.20	0.095	0.070	1.69	17.85	30.6	1.12	869	1.02	1.800	8.77	37.6
ST077896		40.2	1.780	5.94	<0.05	0.054	0.014	0.36	6.45	24.4	0.37	302	0.69	0.596	2.22	13.60
ST077897		4.74	0.440	0.77	<0.05	<0.004	<0.005	0.03	0.099	6.2	0.05	61.8	0.16	0.025	0.048	3.16
ST077898		120.5	4.87	26.1	0.16	0.159	0.060	1.71	25.7	88.0	1.59	883	1.64	2.03	11.80	56.7
ST077899		64.0	5.39	23.3	0.16	0.094	0.025	1.50	21.4	105.0	1.56	1025	0.56	1.825	9.49	77.5
ST077900		184.5	4.72	19.70	0.14	0.085	0.057	1.56	14.90	31.4	1.33	1540	1.52	1.325	8.42	35.1

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

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To: SENOA GOLD CORP.
1201 - 1166 ALBERNI STREET
VANCOUVER BC V6E 3Z3

Finalized Date: 17-FEB-2023
Account: SNOLIGO

Project: Cliff

CERTIFICATE OF ANALYSIS WH22283770

Sample Description	Method	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOD	0.001	0.01	0.02	0.0004	0.01	0.02	0.01	0.006	0.02	0.02	0.01	0.005	0.004	0.001	0.002
ST075826		0.019	6.38	26.9	<0.0004	0.03	0.26	2.49	0.465	0.46	84.8	0.13	0.059	0.512	0.107	0.291
ST075827		0.089	16.70	78.1	0.0004	<0.01	0.34	20.5	0.607	1.43	224	0.60	0.090	6.15	0.487	0.456
ST078135		0.065	2.79	7.72	<0.0004	0.01	0.06	1.66	0.241	0.23	44.2	0.12	0.037	1.015	0.103	0.031
ST078136		0.087	16.95	50.7	0.0004	0.04	0.11	12.75	0.471	1.13	298	0.44	0.051	4.28	0.321	0.278
ST078137		0.298	9.03	40.3	0.0015	0.14	0.33	11.95	1.250	0.89	121.0	0.46	0.176	5.42	0.366	0.200
ST077893		0.095	15.15	88.3	0.0004	<0.01	0.11	21.9	0.304	1.94	269	0.70	0.066	7.51	0.492	0.505
ST077894		0.045	4.26	23.1	<0.0004	0.02	0.07	5.63	0.208	0.46	73.4	0.30	0.019	2.54	0.257	0.137
ST077895		0.114	14.80	71.9	<0.0004	0.01	<0.02	15.60	0.309	1.47	263	0.56	0.053	5.25	0.406	0.393
ST077896		0.031	4.52	12.75	0.0005	0.03	0.08	3.59	0.689	0.19	86.4	0.18	0.038	1.835	0.151	0.069
ST077897		0.002	0.23	0.67	<0.0004	<0.01	0.02	0.12	0.039	0.05	3.71	<0.01	<0.005	0.025	0.004	0.003
ST077898		0.097	15.05	61.7	0.0018	0.16	0.09	19.70	1.195	1.39	267	0.78	0.127	7.36	0.571	0.359
ST077899		0.082	12.90	48.8	<0.0004	<0.01	0.63	12.45	0.376	0.58	223	0.79	0.074	6.39	0.602	0.269
ST077900		0.515	9.57	68.4	0.0014	0.73	0.54	16.90	2.08	1.04	249	0.49	0.225	3.94	0.426	0.355

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To: SENOA GOLD CORP.
1201 - 1166 ALBERNI STREET
VANCOUVER BC V6E 3Z3

Finalized Date: 17-FEB-2023
Account: SNOLIGO

Project: Cliff

CERTIFICATE OF ANALYSIS WH22283770

Sample Description	Method Analyte Units LOD	ME-MS61L U ppm 0.01	ME-MS61L V ppm 0.1	ME-MS61L W ppm 0.008	ME-MS61L Y ppm 0.01	ME-MS61L Zn ppm 0.2	ME-MS61L Zr ppm 0.1
ST075826		0.31	25.3	0.078	0.97	109.0	0.9
ST075827		1.68	180.5	0.522	8.15	118.0	5.5
ST078135		0.40	16.4	0.124	2.98	18.2	1.1
ST078136		1.01	99.2	0.260	7.10	70.5	4.4
ST078137		1.74	103.0	0.272	17.45	66.1	4.1
ST077893		1.81	183.0	0.711	9.61	122.0	6.0
ST077894		0.65	58.9	0.168	5.59	48.6	1.9
ST077895		1.40	139.0	0.409	9.31	91.2	3.6
ST077896		0.49	25.6	0.096	2.87	21.7	1.4
ST077897		0.01	1.1	0.049	0.12	3.0	0.1
ST077898		1.96	175.0	0.444	7.45	123.0	6.2
ST077899		1.75	74.0	0.405	7.64	75.6	3.6
ST077900		1.35	168.5	3.36	28.0	81.2	3.5

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VANCOUVER BC V6E 3Z3

Finalized Date: 17-FEB-2023
Account: SNOLIGO

Project: Cliff

CERTIFICATE OF ANALYSIS WH22283770

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	CRU-31	CRU-QC	LOG-21	PUL-31
	PUL-QC	SOR-01	SPL-21	WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:			
	Au-AA23	Au-GRA21	ME-MS61L

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To: SENOA GOLD CORP.
1201 - 1166 ALBERNI STREET
VANCOUVER BC V6E 3Z3

Finalized Date: 3-NOV-2022
This copy reported on
6-MAR-2023
Account: SNOLIGO

WH22283801

Project: Cliff

P.O. No.: SGD-22SC_20221004_S

This report is for 4 samples of Soil submitted to our lab in Whitehorse, YT, Canada on 4-OCT-2022.

The following have access to data associated with this certificate:

SCOTT BERDAHL ZOE GOODYEAR	THOMAS BRANSON ANDREW TURNER	SERGIO GAMONAL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS61L	Super Trace Lowest DL 4A by ICP-MS	
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES

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

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

Signature:

Saa Traxler, Director, North Vancouver Operations

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To: SENOA GOLD CORP.
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Finalized Date: 3-NOV-2022
Account: SNOLIGO

Project: Cliff

CERTIFICATE OF ANALYSIS WH22283801

Sample Description	Method	WEI-21	Au-ICP21	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.001	0.002	0.01	0.02	1	0.02	0.002	0.01	0.005	0.01	0.005	0.3	0.01	0.02
ST077883		0.47	0.005	0.213	9.12	91.1	750	2.27	0.167	1.80	0.201	53.9	25.4	124.0	5.41	77.1
ST077884		0.44	0.003	0.168	8.39	66.3	590	1.92	0.162	1.96	0.232	44.5	25.6	124.0	5.31	76.5
ST077885		0.47	0.010	0.230	8.08	43.8	660	2.13	0.181	1.83	0.323	45.3	24.0	106.5	4.39	62.4
ST077886		0.40	0.015	0.219	8.00	44.7	600	1.73	0.184	1.59	0.166	46.9	20.8	100.0	4.38	61.5

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To: SENOA GOLD CORP.
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VANCOUVER BC V6E 3Z3

Finalized Date: 3-NOV-2022
Account: SNOLIGO

Project: Cliff

CERTIFICATE OF ANALYSIS WH22283801

Sample Description	Method	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOD	0.002	0.05	0.05	0.004	0.005	0.01	0.005	0.2	0.01	0.2	0.02	0.001	0.005	0.08	0.001
ST077883		6.58	19.55	0.23	0.183	0.080	2.08	25.3	79.2	1.80	1745	1.46	1.615	11.65	66.7	0.132
ST077884		6.32	18.55	0.23	0.270	0.085	1.87	18.55	68.5	1.79	1450	1.36	1.560	11.10	63.9	0.124
ST077885		5.75	15.35	0.19	0.867	0.074	1.38	20.4	63.9	1.57	1295	1.82	1.635	10.35	55.0	0.132
ST077886		5.15	15.75	0.19	0.607	0.071	1.44	21.3	58.9	1.49	963	1.24	1.540	10.20	55.1	0.126

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

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

To: SENOA GOLD CORP.
1201 - 1166 ALBERNI STREET
VANCOUVER BC V6E 3Z3

Finalized Date: 3-NOV-2022
Account: SNOLIGO

Project: Cliff

CERTIFICATE OF ANALYSIS WH22283801

Sample Description	Method	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.01	0.02	0.0004	0.01	0.02	0.01	0.006	0.02	0.02	0.01	0.005	0.004	0.001	0.002	0.01
ST077883		14.55	94.5	<0.0004	0.02	0.23	21.1	0.259	1.64	300	0.75	0.081	7.46	0.624	0.548	1.97
ST077884		13.25	89.6	<0.0004	0.04	0.22	20.3	0.298	1.48	324	0.69	0.077	5.56	0.619	0.508	1.61
ST077885		13.55	74.5	<0.0004	0.06	0.79	17.35	0.423	1.44	297	0.67	0.069	5.43	0.564	0.451	1.88
ST077886		13.10	72.7	<0.0004	0.04	0.55	16.65	0.355	1.30	271	0.65	0.063	5.94	0.554	0.451	1.70

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

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To: SENOA GOLD CORP.
1201 - 1166 ALBERNI STREET
VANCOUVER BC V6E 3Z3

Finalized Date: 3-NOV-2022
Account: SNOLIGO

Project: Cliff

CERTIFICATE OF ANALYSIS WH22283801

Sample Description	Method Analyte Units LOD	ME-MS61L V ppm 0.1	ME-MS61L W ppm 0.008	ME-MS61L Y ppm 0.01	ME-MS61L Zn ppm 0.2	ME-MS61L Zr ppm 0.1
ST077883		203	4.69	10.65	144.5	6.8
ST077884		196.0	2.09	9.65	136.0	10.0
ST077885		178.0	0.834	12.85	119.0	33.2
ST077886		165.0	0.768	10.60	109.5	22.3

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

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To: SENOA GOLD CORP.
1201 - 1166 ALBERNI STREET
VANCOUVER BC V6E 3Z3

Finalized Date: 3-NOV-2022
Account: SNOLIGO

Project: Cliff

CERTIFICATE OF ANALYSIS WH22283801

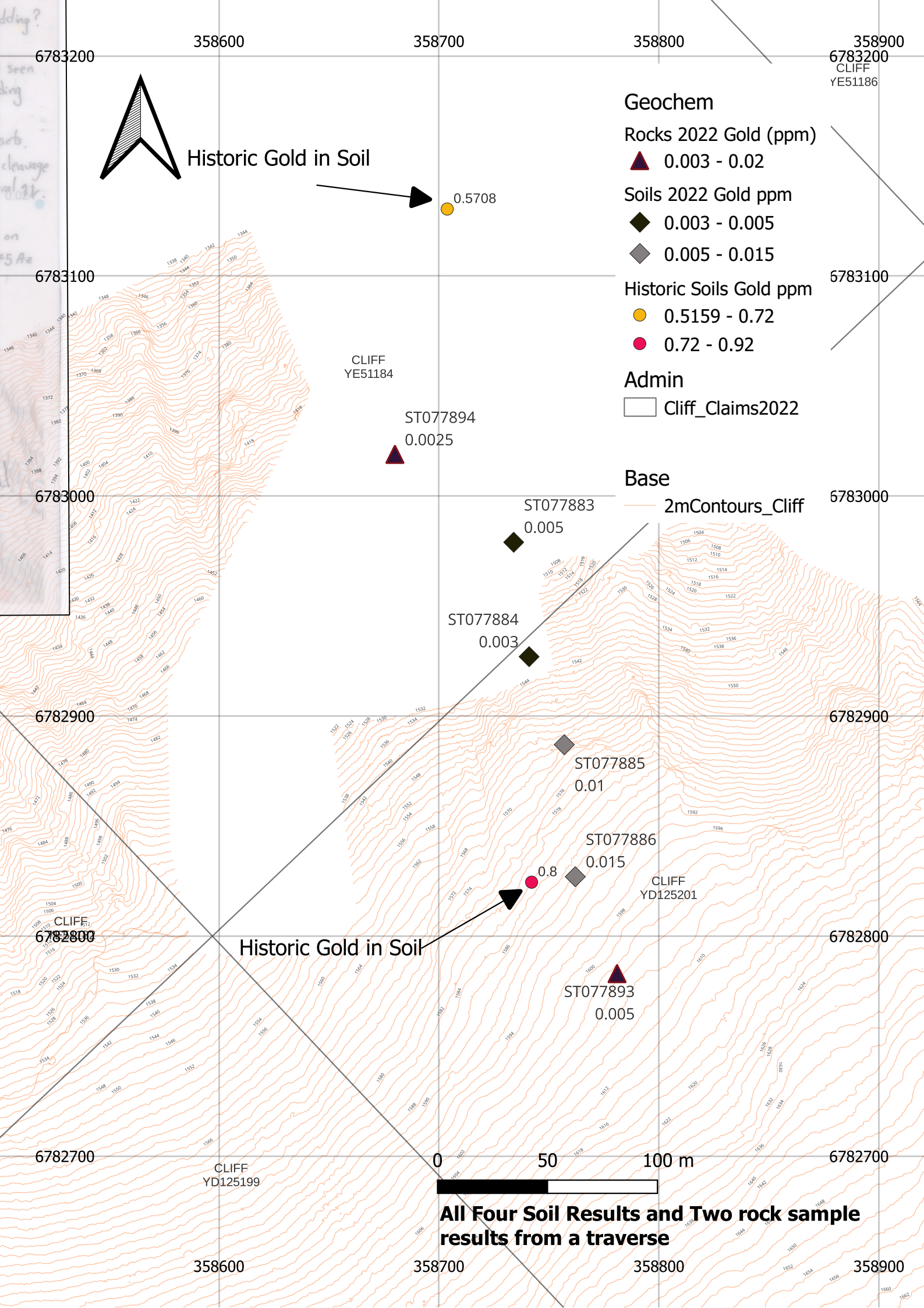
CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
LOG-21 SCR-41 WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au-ICP21 ME-MS61L

8. Appendix H- Maps


358600
358700
358800
358900
6783200
6783100
6783000
6782900
6782800
6782700
CLIFF
YE51186
CLIFF
YE51184
CLIFF
YD125201
CLIFF
YD125199
Historic Gold in Soil
0.5708
ST077894
0.0025
ST077883
0.005
ST077884
0.003
ST077885
0.01
ST077886
0.015
0.8
Historic Gold in Soil
ST077893
0.005
Geochem
Rocks 2022 Gold (ppm)
0.003 - 0.02
Soils 2022 Gold ppm
0.003 - 0.005
0.005 - 0.015
Historic Soils Gold ppm
0.5159 - 0.72
0.72 - 0.92
Admin
Cliff_Claims2022
Base
2mContours_Cliff
0
50
100 m
All Four Soil Results and Two rock sample results from a traverse

357700 | 357800 | 357900 | 358000 | 358100 | 358200 | 358300 | 358400 | 358500

357700 mE

6783400 | 6783400mN

6783300

6783100

6783000 mN

358200mE

6783400mN

6783200

6783100

6783000 mN

0.5×0.5m boulder of quartz-lim-sericite-chlorite vein breccia. Clasts include smoky quartz and a 5cm long by 1cm kyanite crystal

0.5% qtz vein float and veins in qtz-biotite schist boulders

white qtz vein with <1% rose quartz?

qtz-biotite, muscovite, Po, chalcopyrite, lim vein float

5, 170/65, 3-4mm wide quartz veins, with sericite halos

190/75 ends on the 170/60 JOINTS

300/90 QV

minor fault or intense JN

3 veins over 12m

1cm wide

165/55 stacked qtz-aspy veins into/as QV

No visible offset

3m segment qtz vein x-cut by 165/55 qtz-aspy veins

x-cuts the 175/65 JNS

trace aspy vein

210/90 rusty fractures observed

No veins

trace aspy veins

rusty joints with aspy rubble

rubble on either side of gully

N-S VEIN WITH BLEED INTO 175/70 JN

unmineralized

255 Az. FOLD HINGE

rusty vein joints in rubble

minor rusty joints

0.9m wide qtz vein

dyke pinches out

Z40 hackly

joints are a bit reddish in talus

~5cm wide veins

240 rough, hackly joint

330/70

350/70 smooth surface fault + joints

with vcg muscovite

qz-muscovite rhodochrosite vein

Soil pit

rusty fragments

Carbonate staining/crust

GREY rare intermediate early veins

30cm wide

NO VEINS

240 - HD SLICKS

DOWN

UP

235 SLICKS 5cm wide

Mineralized Corridor? 075Az

Grey Gneiss boulder field

Angular boulder Talus Field Grey

Angular boulder field with grey joints

LOOKS GREY UNMINERALIZED

LEGEND

- Quartz Biotite Gneiss, ~20% biotite, 0-2mm qtz layers with biotite inbetween. with shear textured quartz interlayered biotite (thin) and thicker qtz lenses
- Outcrop outline
- Quartz vein, sugary texture and some more elongate, euhedral crystals up to 2cm long, limonitic
- Kyanite indicating the presence of grey-bluish elongate crystals
- Granodiorite, ~1% biotite
- Quartz-Arsenopyrite
- Mafic DYKE, fine grained, dark grey, equigranular
- CLEAVAGE
- VEIN
- DASHES ARE float & talus
- CONTACT

NOTE: * Minor Actinolite-Tremolite? of illite? layer is // to the N-S JNS indicating bedding. Also is schistose. 175/60 so? - Maybe just tectonized. but also a single layer seen on 075/60 JN.

* 240 Az joints are rough, hackly indicating no shear/fault sense of movement. 175 Az joints are smooth and often slickensided, and cross-cut the 240 Az joints.

→ example of 240 Az cross section of joint. Could it be bedding?

* Mineralized vein occurences do trend ~250 Az in as far as they are seen in outcrop. Is it possibly a 250 Az fold hinge? and relict bedding surfaces are the 255-075 Az joints.

* Some joints at the 175/60 orientation show early quartz vein offsets. The surface has lineations, poorly developed that are aligned with the cleavage indicating coincidental strike-slip, very little to no plunge. Right-Lateral ↓↓.

* Arsenopyrite occurences in outcrop, float and rubble-crop line up on a 255-075 Azimuth corridor, which is parallel to the 075 Az jointing.

1:2000 scale
NAD83 Z8 UTM

Drawn by: SHANE CARLOS
Sept. 1st 2022.

BASE MAP:
- Au in Soils in ppb ○
- Au in Rocks in ppm ◇
} Historic Data
- 2m contours generated from digital elevation model

NAD83 Z8

C1

356900
357000
357100
357200
357300
357400
357500
357600
6783400
6783300
6783200
6783100
6783000
N
6783400 m N
357000mE
357400mE
6783000mN
* The E-W Joints are cross-cut by the N-S joints.
0.0458
0.0664
0.2
0.0343
0.0221
0.0487
0.0177
0.0575
0.0013
0.0204
0.1092
0.1422
0.0104
0.0198
0.11
0.11
0.47
0.0368
0.0391
0.0779
0.0416
0.12
0.051
0.01
0.0313
0.0342
0.0303
0.0211
0.0326
0.0683
0.0353
0.053
0.059
0.092
0.085
0.0757
rare early white qtz veins
no rust
rusty gneiss float with 3-4mm QV cross-cutting schistosity
070/70 JN is hackly and wavy and is cross-cut by the smooth, often slickensided 165/70 JN
limonitic stained saccharoidal qtz vein 3cm
SLICKS 330
No rust No veins
rusty joint surfaces
1m wide mafic dyke
1/2m mafic dyke
float
rusty qtz veinlet float
SLICKS
1:2000 scale
NAD 83 Z8 UTM
Drawn by: Shane C.
Sept. 1st, 2022.
C2

357700 | 357800 | 357900 | 358000 | 358100 | 358200 | 358300 | 358400 | 358500

357700mE | 358200mE

6783400mN | 6783300 | 6783100 | 6783000mN

N

0.5×0.5m boulder of quartz-lim-sericite-chlorite vein breccia. Clasts include smoky quartz and a 5cm long by 1cm kyanite crystal

0.5% qtz vein float and veins in qtz-biotite schist boulders

white qtz vein with <1% rose quartz?

qtz-biotite, muscovite, Po, chalcopyrite, lim

ST078149 float

5, 170/65, 3-4mm wide quartz veins, with sericite halos

170/75 ends on the 170/60 JOINTS

with vcg muscovite

ST077912 5cm wide veins

240 rough, hackly joint

330/70 smooth surface fault ejoints

trace AsPy

rusty joints with aspy rubble

rubble on either side of gully

255Az. FOLD HINGE

rusty vein joints in rubble

joints are a bit reddish in talus

minor rusty joints

dyke pinches out

unmineralized

no veins observed

trace aspy vein

3 veins over 12m

16cm wide 165/65 steeled qtz-aspy veins with 45 qv at the vein meet by 165/55 qtz-aspy ka veins

NO VEINS

NO VEINS

30cm wide

rusty fragments

soil pit

carbonate staining/crust

GREY rare metamorphic early veins

qtz-muscovite rhodochrosite vein

DOWN | up

235 CLICKS

ST075825 | ST075826 | ST077901 | ST077903 | ST077909 | ST077906 | ST077904 | ST077905 | ST077910 | ST077917 | ST077900 | ST077908 | ST077907 | ST077914 | ST078148 | ST077915 | ST075817 | ST075822 | ST075818 | ST075819 | ST078147 | ST077913 | ST075820 | ST075821 | ST078150 | ST077898 | ST075823 | ST078146 | ST077897 | ST077896 | ST077902 | ST078145 | ST078144

0.0324 | 0.046 | 0.036 | 0.0364 | 1.1 | 0.067 | 0.3 | 0.0752 | 0.2 | 0.0361 | 0.0552 | 0.1 | 0.09 | 0.51 | 0.0628 | 0.3706 | 0.44 | 0.0216 | 0.0108 | 0.002 | 0.0656 | 0.0044

Grey Gneiss boulder field

Angular boulder Talus Field Grey

Corridor? 075Az

Mineralized

Angular boulder field with grey joints

LOOKS GREY UNMINERALIZED

0.0604 | 0.0776 | 0.0352 | 0.0279 | 0.057 | 0.07 | 0.1 | 0.0234 | 0.9 | 0.16 | 0.0306 | 0.0828 | 0.0391 | 0.0606 | 0.08 | 0.0799 | 0.14 | 0.3377

ST077895

LEGEND

- Quartz Biotite Gneiss, ~20% biotite, 0.2mm qtz layers with biotite inbetween with shear textured quartz interlayered biotite (thin) and thicker qtz lenses
- Outcrop outline
- Quartz vein, sugary texture and some more elongate, euhedral crystals up to 2cm long, limonitic
- Kyanite - indicating the presence of grey-bluish elongate crystals
- Granodiorite, ~1% biotite
- Quartz-Arsenopyrite
- Mafic DYKE, fine grained, dark grey, equigranular
- CLEAVAGE
- VEIN
- DASHES ARE float & talus
- CONTACT

NOTE: * Minor Actinolite-Tremolite? layer is // to the N-S JNS indicating bedding. Also is schistose. 175/60 SO? - Maybe just tectonized of illite?

but also a single layer seen on 075/60 JN.

* 240Az joints are rough, hackly indicating no shear/fault sense of movement. 175Az joints are smooth and often slickensided, and crosscut the 240Az joints.

→ example of 240Az cross section of joint. Could it be bedding?

* Mineralized vein occurences do trend ~250Az in as far as they are seen in outcrop. Is it possibly a 250Az fold hinge? and relict bedding surfaces are the 255-075Az joints.

* Some joints at the 175/60 orientation show early quartz vein off-sets. The surface has lineations, poorly developed that are alligned with the cleavage indicating coincidental strike-slip, very little to no plunge. Right-Lateral ??.

* Arsenopyrite occurences in outcrop, float and rubble-crop line up on a 255-075 Azimuth corridor, which is parallel to the 075Az jointing.

1:2000 scale
NAD83 Z8 UTM

Drawn by: SHANE CARLOS
Sept. 1st 2022.

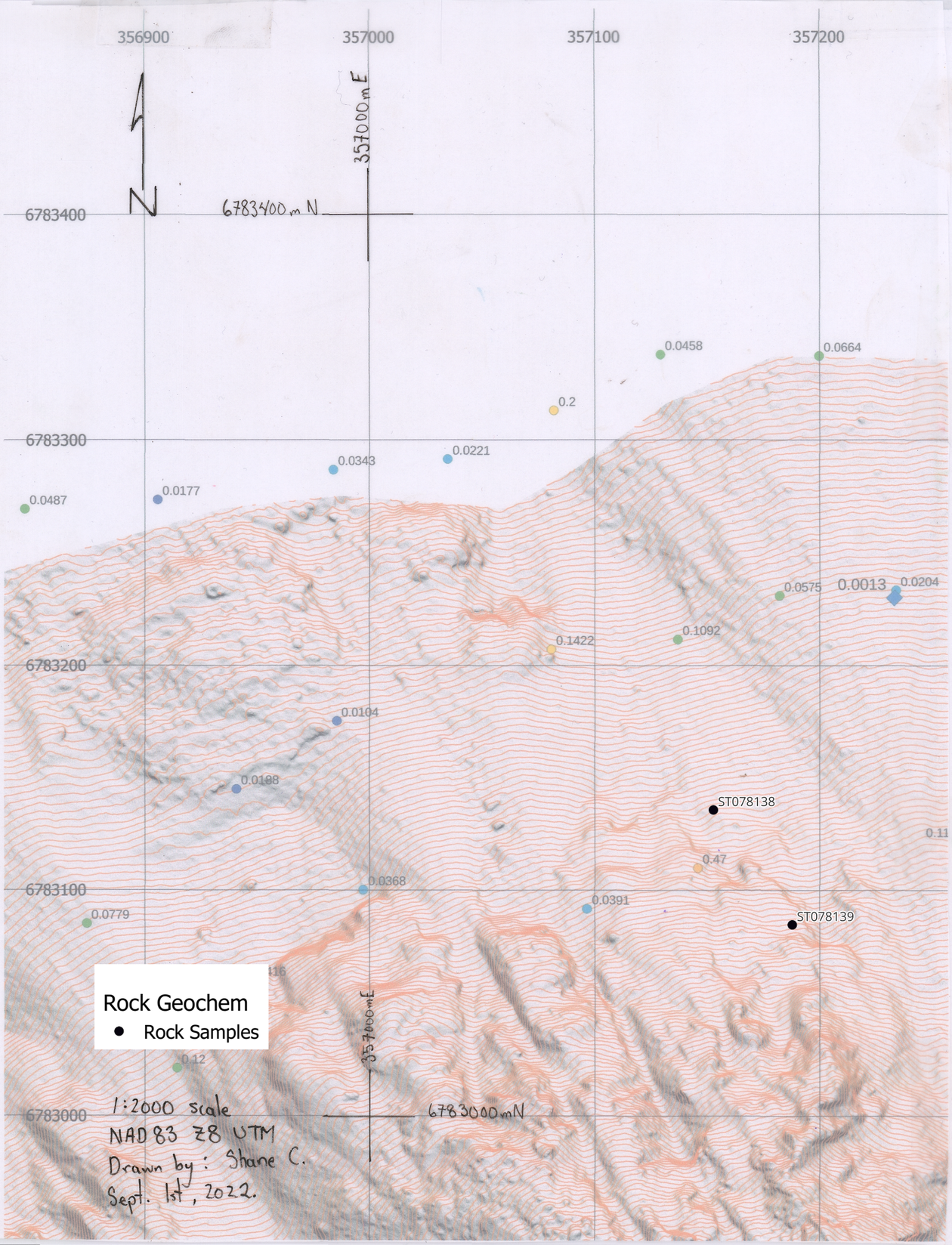
BASE MAP: • Au in Soils in ppb ○ } Historic Data
• Au in Rocks in ppm ◇
• 2m contours generated from digital elevation model

NAD 83 Z8

Rock Geochem
- Rock Samples

Rock Samples Labelled with Rock Sample ID Codes On BaseMap and Field Map Sheets C1

C1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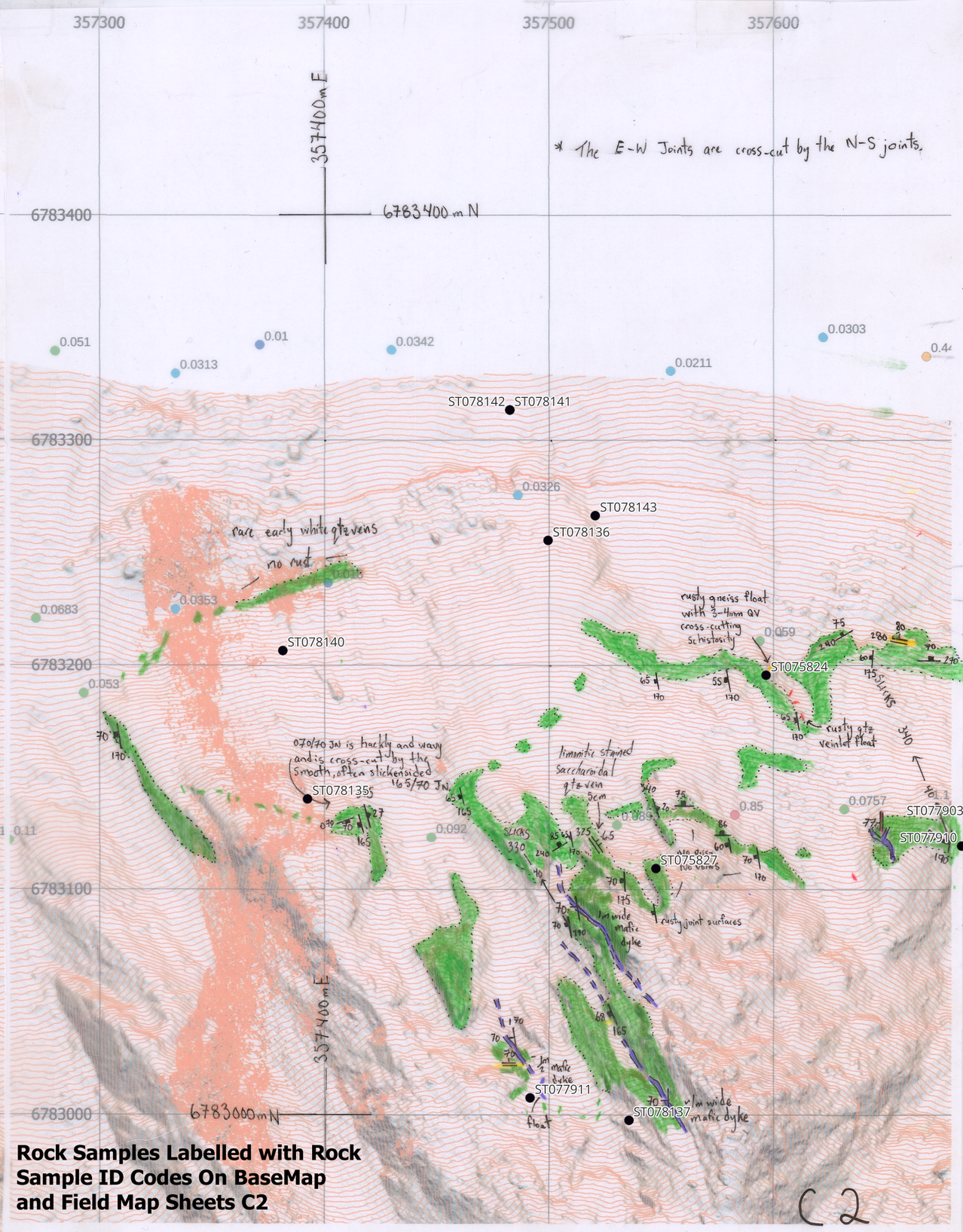
357000
357100
357200
6783400
6783300
6783200
6783100
6783000
357000mE
6783400mN
6783000mN
0.0487
0.0177
0.0343
0.0221
0.2
0.0458
0.0664
0.0575
0.0013
0.0204
0.1422
0.1092
0.0104
0.0198
ST078138
0.11
0.11
0.47
0.0368
0.0391
ST078139
0.0779
0.12
Rock Geochem
Rock Samples
1:2000 scale
NAD 83 Z8 UTM
Drawn by: Shane C.
Sept. 1st, 2022.


357300
357400
357500
357600
357400mE
6783400mN
6783400
6783300
6783200
6783100
6783000
* The E-W Joints are cross-cut by the N-S joints.
0.051
0.0313
0.01
0.0342
0.0211
0.0303
ST078142
ST078141
0.0326
ST078143
ST078136
rare early white qtz veins
no rust
0.013
0.0353
0.0683
ST078140
rusty gneiss float with 3-4mm QV cross-cutting schistosity
0.059
ST075824
SLICKS
rusty qtz veinlet float
0.053
070/70 JN is hackly and wavy and is cross-cut by the smooth, often slickensided 165/70 JN
ST078135
limonitic stained saccharoidal qtz vein 3cm
0.085
0.092
0.0757
ST077903
ST077910
ST075827
1m wide mafic dyke
rusty joint surfaces
ST077911
float
ST078137
1m wide mafic dyke
Rock Samples Labelled with Rock Sample ID Codes On BaseMap and Field Map Sheets C2
C 2

357700 | 357800 | 357900 | 358000 | 358100 | 358200 | 358300 | 358400 | 358500

357700mE

6783400mN

6783300

6783100

6783000mN

N

0.5×0.5m boulder of quartz-lim-sericite-chlorite vein breccia. Clasts include smoky quartz and a 5cm long by 1cm kyanite crystal

0.5% qtz vein float and veins in qtz-biotite schist boulders

white qtz vein with <1% rose quartz?

qtz-biotite, musc, Po, chalcopyrite, lim vein float

5, 170/65, 3-4mm wide quartz veins, with sericite halos

170/75 ends on the 170/60 Joints

minor fault or intense JN

3 veins over 12m

1cm wide 165/65 sheeted qtz-aspy veins, NO Au?

NO VEINS

30cm wide

Fault 350/20

No Au veins observed

trace aspy vein

trace aspy

with vcg muscovite

granodiorite

rusty joints with aspy rubble

rubble on either side of gully

rusty vein joints in rubble

255 Az. FOLD HINGE

joints are a bit reddish in talus

minor rusty joints

dyke pinches out

unmineralized

soil pit

rusty fragments

carbonate staining/crust

GREY fine metamorphic early veins

qtz-muscovite rhodochrosite vein

DOWN up

NO SLICKS

55 SLICKS

5cm wide veins

240 rough, hackly joint

330/70 smooth surface fault ejoints

N-S VEIN WITH BLEED INTO 175/70 JN

0.0025 | 0.009 | 0.067 | 0.3 | 0.0752 | 0.0364 | 1.1 | 0.005 | 0.014 | 0.2 | 0.0361 | 0.014 | 0.0552 | 0.1 | 0.011 | 0.0025 | 0.0025 | 0.044 | 1.305 | 0.719 | 0.033 | 0.093 | 0.173 | 0.043 | 0.0077 | 0.007 | 0.0025 | 0.013 | 0.017 | 0.0025 | 0.006 | 6.03 | 0.0025 | 26.9 | 5.29 | 95.05 | 0.02 | 11.15 | 6.36 | 0.043 | 5.65 | 0.0025

Grey Gneiss boulder field

Angular boulder Talus Field Grey

Corridor? 075Az

Mineralized

Angular boulder field with grey joints

LOOKS GREY UNMINERALIZED

0.0604 | 0.0776 | 0.0352 | 0.0279 | 0.07 | 0.1 | 0.0234 | 0.9 | 0.16 | 0.0306 | 0.0025 | 0.0828 | 0.0044 | 0.08 | 0.0799 | 0.14 | 0.3377

LEGEND

- Quartz Biotite Gneiss, ~20% biotite, 0.2mm qtz layers with biotite inbetween with shear textured quartz interlayered biotite (thin) and thicker qtz lenses
- Outcrop outline
- Quartz vein, sugary texture and some more elongate, euhedral crystals up to 2cm long, limonitic
- Kyanite - indicating the presence of grey-bluish elongate crystals
- Granodiorite, ~1% biotite
- Quartz-Arsenopyrite
- Mafic DYKE, fine grained, dark grey, equigranular
- CLEAVAGE
- VEIN
- DASHES ARE float & talus
- CONTACT

of illite?

but also a single layer seen on 075/60 JN.

NOTE: * Minor Actinolite-Tremolite? layer is // to the N-S JNS indicating bedding. Also is schistose. 175/60 SO? - Maybe just tectonized.

* 240 Az joints are rough, hackly indicating no shear/fault Sense of movement. 175 Az joints are smooth and often slickensided, and crosscut the 240 Az joints.

→ example of 240 Az cross section of joint. Could it be bedding?

* Mineralized vein occurences do trend ~250 Az in as far as they are seen in outcrop. Is it possibly a 250 Az fold hinge? and relict bedding surfaces are the 255-075 Az joints.

* Some joints at the 175/60 orientation show early quartz vein off-sets. The surface has lineations, poorly developed that are alligned with the cleavage indicating coincidental strike-slip, very little to no plunge. Right-Lateral ??

* Arsenopyrite occurences in outcrop, float and rubble-crop line up on a 255-075 Azimuth corridor, which is parallel to the 075 Az jointing.

Rock Geochem

Gold (ppm)

- 0.003 - 0.02
- 0.02 - 0.093
- 0.093 - 0.294
- 0.294 - 1.1
- 1.1 - 4.37
- 4.37 - 5.65
- 5.65 - 6.36
- 6.36 - 15.05
- 15.05 - 26.9

Rock Samples Labelled with Au in ppm On BaseMap and Field Map Sheets C1

1:2000 scale
NAD83 Z8 UTM
Drawn by: SHANE CARLOS
Sept. 1st 2022.

BASE MAP: • Au in Soils in ppb } Historic Data
• Au in Rocks in ppm
• 2m contours generated from digital elevation model

NAD83 Z8

C1

356900 357000 357100 357200

357000mE

6783400mN

N

6783400 6783300 6783200 6783100 6783000

0.0458 0.0664 0.2 0.0343 0.0221 0.0487 0.0177 0.0575 0.0013 0.0204 0.1092 0.1422 0.0104 0.0188 0.0025 0.11 0.11 0.47 0.0368 0.0391 0.0779 0.0025 0.12

357400mE

6783000mN

Rock Geochem

Gold (ppm)

- ▲ 0.003 - 0.02
- ▲ 0.02 - 0.093
- △ 0.294 - 1.1

1:2000 scale
NAD 83 Z8 UTM
Drawn by: Shane C.
Sept. 1st, 2022.

Rock Samples Labelled with Au in ppm On Base Map and Field Map Layer Sheet C2

357300 357400 357500 357600

357400mE

6783400mN

* The E-W Joints are cross-cut by the N-S joints.

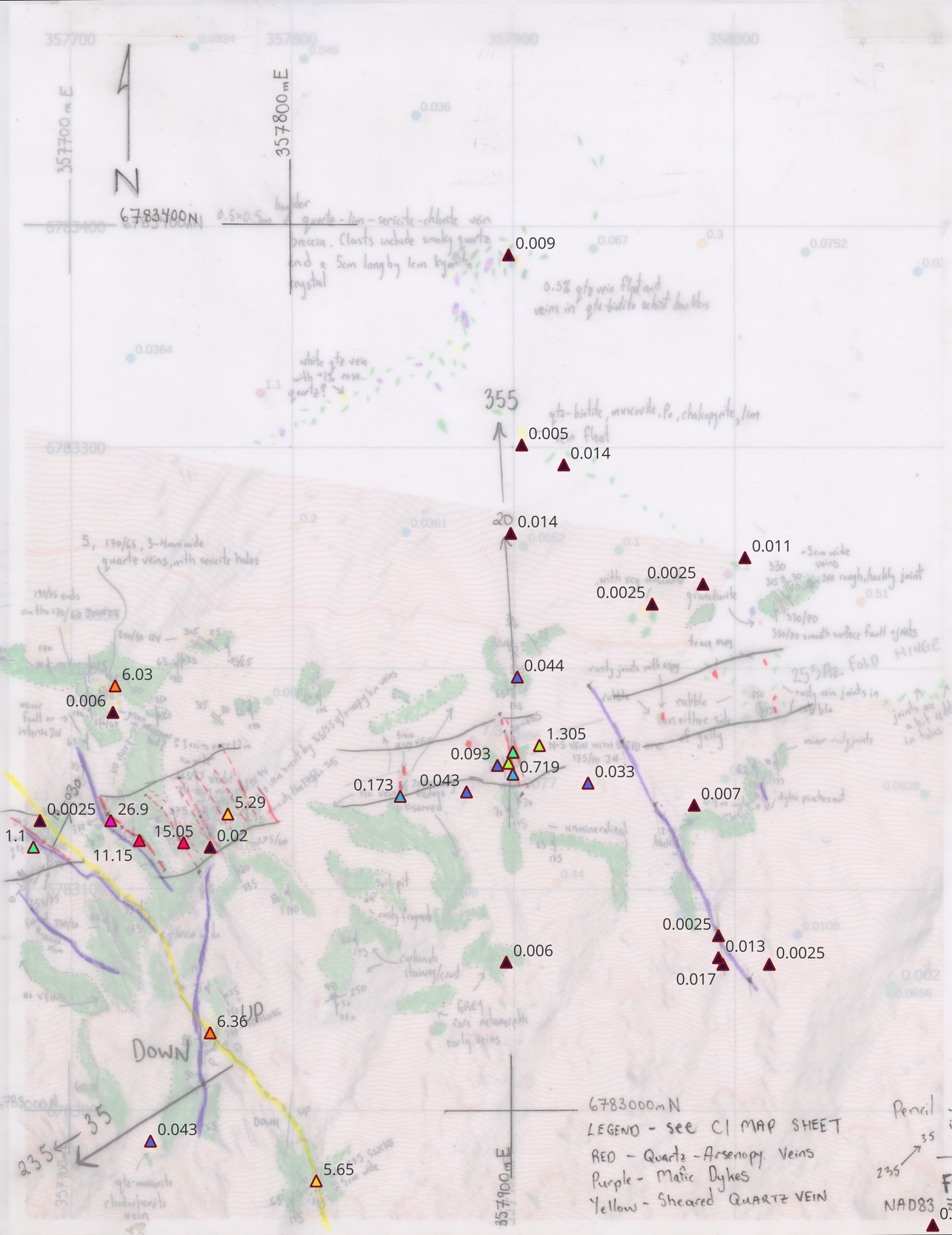
6783400 6783300 6783200 6783100 6783000

0.051 0.01 0.0313 0.0342 0.0303 0.0211 0.0025 0.0025 0.0326 0.0025 0.0025 rare early white qtz veins no rust 0.0353 0.0683 0.0025 rusty gneiss float with 3-4mm QV cross-cutting schistosity 0.059 0.012 0.053 070/70 JN is hackly and wavy and is cross-cut by the smooth, often slickensided 165/70 JN. 0.0025 limonitic stained Saccharoidal qtz vein 3cm 0.089 0.85 0.0757 0.0025 0.092 SLICKS 330 0.008 NO VEINS rusty joint surfaces 1m wide mafic dyke 0.05 float 0.007 1m wide mafic dyke

357400mE

6783000mN

C2



LEGEND

Quartz Biotite Gneiss, ~20% biotite, 0.2mm qtz layers with biotite inbetween with shear textured quartz interlayered biotite (1mm) and thicker qtz lenses

outcrop outline

Quartz vein, sugary texture and some more elongate, euhedral crystals up to 2cm long, limonitic

Kyanite - indicating the presence of grey-bluish elongate crystals

Granodiorite, ~1% biotite

Quartz-Arsenopyrite

Mafic DYKE, fine grained, dark grey, equigranular

CLEAVAGE

VEIN

CONTACT

DASHES ARE float & talus

NOTE: *Minor Actinolite-Tremolite? layer is // to the N-S JNS indicating bedding. Also is schistose. 175/60 SO? - Maybe just tectonized.

N 240 Az joints are rough, tackly indicating no shear/fault sense of movement. 175 Az joints are smooth and often slickensided, and cross-cut the 240 Az joints.

→ example of 240 Az cross section of joint. Could it be bedding?

* Mineralized vein occurences do trend ~250 Az in as far as they are seen in outcrop. Is it possibly a 250 Az fold hinge? and relict bedding surfaces are the 255-075 Az joints.

* Some joints at the 175/60 orientation show early quartz vein offsets. The surface has lineations, poorly developed that are aligned with the cleavage indicating coincidental strike-slip, very little to no plunge. Right-Lateral ??

* Arsenopyrite occurences in outcrop, float and cubble-crop line up on a 255-075 Azimuth corridor, which is parallel to the 075 Az jointing.

1:2000 scale
NAD83 Z8 UTM
Drawn by: SHANE CARLOS
Sept. 1st 2022.

BASE MAP: • Au in Soils in ppb ○ } Historic Data
• Au in Rocks in ppm ◇
• 2m contours generated from digital elevation model

Rock Geochem

Gold (ppm)

- 0.003 - 0.02
- 0.02 - 0.093
- 0.093 - 0.294
- 0.294 - 1.1
- 1.1 - 4.37
- 4.37 - 5.65
- 5.65 - 6.36
- 6.36 - 15.05
- 15.05 - 26.9

Rock Samples Labelled with Au in ppm On Base Map, Field Map and Interpretive Map Layer Sheet C1

C1C-1 Interp

Rock Geochem

Gold (ppm)

- 0.003 - 0.02
- 0.02 - 0.093
- 0.294 - 1.1

Rock Samples Labelled with Au in ppm On Base Map, Field Map and Interpretive Map Layer Sheet C2

1:2000
NAD 83 Z8 UTM
Drawn by: Shane C.
Sept. 1st, 2022.

C2 - Interp

LEGEND

40 → 330 - PLUNGE & TREND of fault slicks

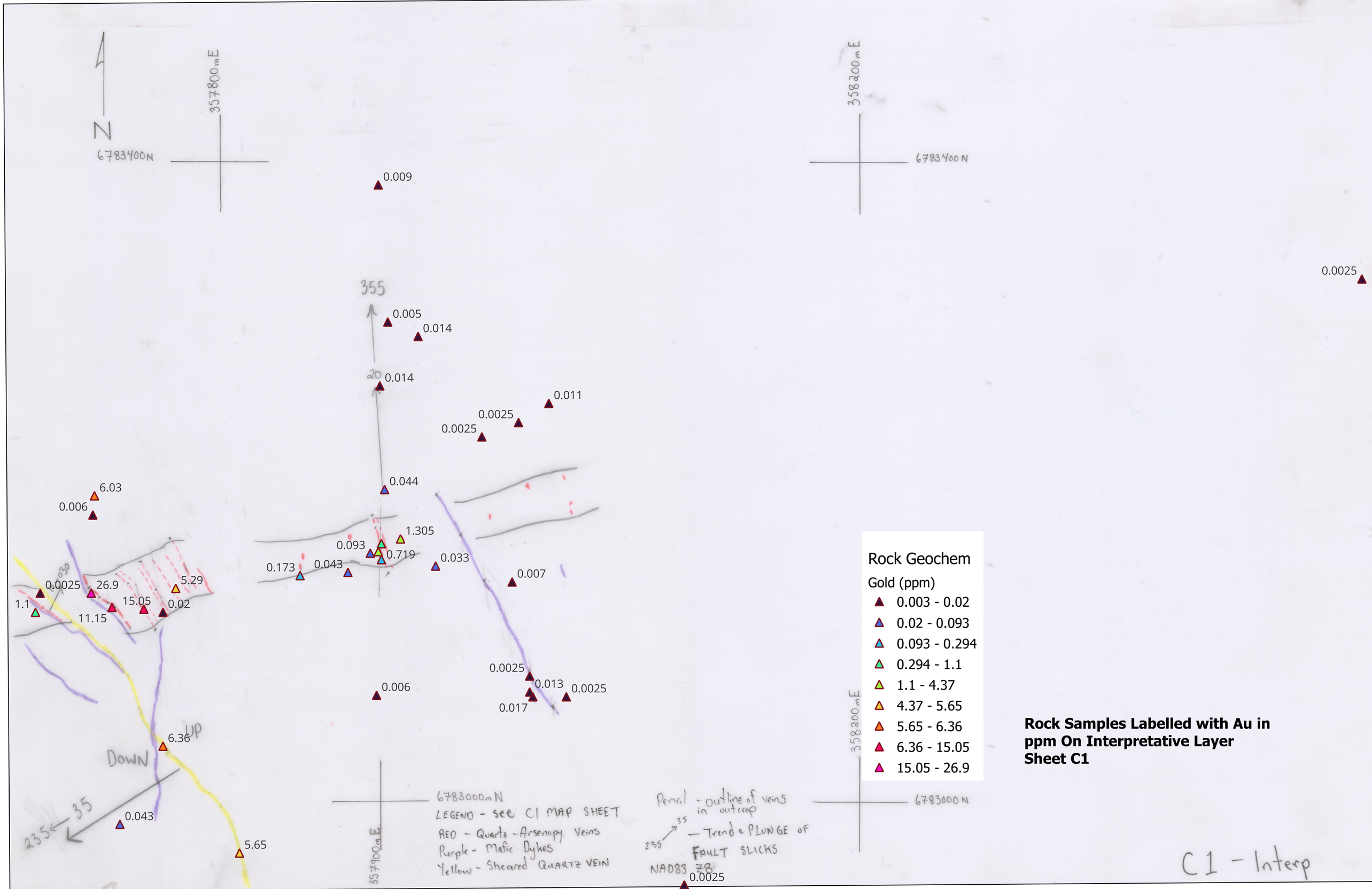
Purple - Mafic Dyke

RED - Quartz - Arsenopy. Veins

PENCIL - FAULT

* The E-W Joints are cross-cut by the N-S joints.

C2



Rock Samples Labelled with Au in ppm On Interpretative Layer Sheet C1

N

6783400mN

357000mE

357400mE

6783400mN

0.0025
0.0025

0.0025

0.0025

340

40

0.0025

330

0.012

40

0.0025

0.0025

1.1

0.006

Rock Geochem

Gold (ppm)

- 0.003 - 0.02
- 0.02 - 0.093
- 0.294 - 1.1

0.0025

0.0025

Rock Samples Labelled with Au in ppm On Interpretive Map Layer Sheet C2

357000mE

6783000mN

6783000mN

357400mE

0.05

0.007

LEGEND

40 → 330 - PLUNGE & TREND of fault slicks

Purple - Mafic Dyke

RED - Quartz - Arsenopy. Veins

PENCIL - FAULT

C 2 - Interp