### YMEP Grant #20-125 Placer Final Report and Technical Report 1618816 Alberta Ltd. December 4, 2020

Work Dates: July 7, 2020 to September 27, 2020 (17 days total worked on program)

Participants: Davies Employees, GEM Steel, Earth & Iron

Reporting: Darrell Mathison

A drilling program was developed and implemented during the 2020 season to explore several areas of Upper Granite Creek and its unnamed tributaries to assess mineral values and mining potential. The work performed was a portion of the large scope of work that was planned. The goal was to drill early this season to direct activities to be completed in 2020, followed by drilling numerous areas throughout the season to identify short term and long term economic mining potential in the area. There were many challenges during the 2020 mining season which first delayed, and then reduced the size of the drilling program. Challenges were addressed by revising the program and performing valuable work that will assist in more focused and economic mining in the immediate future.

The 2020 mining year was nothing like what was planned. Entering the season, we were aware that there would be some negative impact from COVID-19 and that the Granite Creek area was facing a 70 year snowfall but we were prepared to overcome these challenges.





May 3, 2020 Deep Snow on Site

May 8, 2020 Duncan Creek Road

Our Challenges included COVID-19 related issues which eliminated some our staff from working this year, imposed isolation both as direct costs and as the toll on the crew's psychological state, and delayed most parts and supplies. Weather was severe at Granite Creek starting with 4-8 feet of snow and rain almost every day which kept the ground too soft most of the season. Finally, the toll of the mud manifested in equipment breakdowns, including losing access to the sonic drill for the season after only 6 drill holes were completed.





July 2020 Drill Staging Area

July 30, 2020 Access Road

Our response to the challenges was we never give up, we adapt. There was a serious consequence to not having the drill results early in the season as several of the cuts in the area this season were negatively impacted by not knowing how deep the bedrock was, resulting in cuts being expanded after reaching the expected depth.



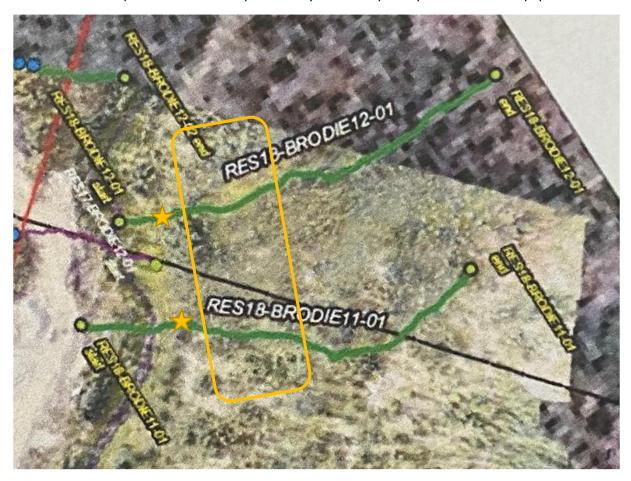


July 15, 2020 Expanding a Cut

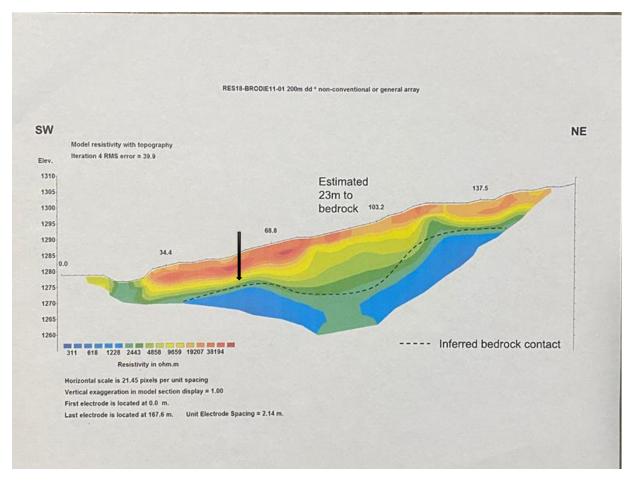
September 8, 2020 Drilling – Brodie 11

### **Brodie 11-12 Drilling**

In previous years, resistivity reports indicated a channel on the left limit of the Brodie claims 10-11. As work in the 2020 season approached the bottom end of this tested area, 2 drill holes were completed, approximately on the resistivity lines. This area is defined by a moraine that ends near the creek and rises steeply (see picture on previous page). Drill holes were selected on the downhill side of the channel to determine if there were economic gold deposits in this area. Moving further up the moraine and into the channel was expected to be far deeper and beyond the capability of our current equipment.



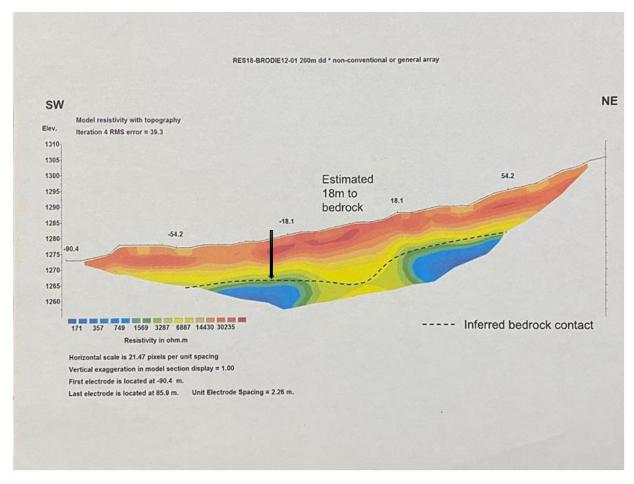
Brodie 11 and 12 Resistivity Lines with Drill Locations and Channel location



Brodie 10 Resistivity with Drill Hole Indicated

The results from the drill hole GS20-12 encountered bedrock at 23m with evidence of economic gold indicated at 15-20m, though the ground was very lean from 20m-24m. As seen in the report above, the location of the drill hole is just before the channel where the bedrock slopes steeply and projects to be approximately 40m to the bottom. Note, the drill result of 23m compares to about 14m on the resistivity report above so depths are expected to be deeper than indicated in the resistivity reports.

Results from 2020 work on the right limit of Brodie 9, produced about 1.25 oz per hour at 60 m3 per hour this season which is below these test results on the left limit of Brodie 10. Work from our current location could be continued up the valley and across the creek with the expectation of reasonable results. Mining also has occurred on the left limit of Brodie 8-9, in line with this edge of the channel that also consistently produced over 1 oz per hour.



Brodie 11 Resistivity with Drill Hole Indicated

The results from the drill hole GS20-13 showed course brown sand a 22m which is usually sitting on bedrock in this area so bedrock is estimated at 23m.

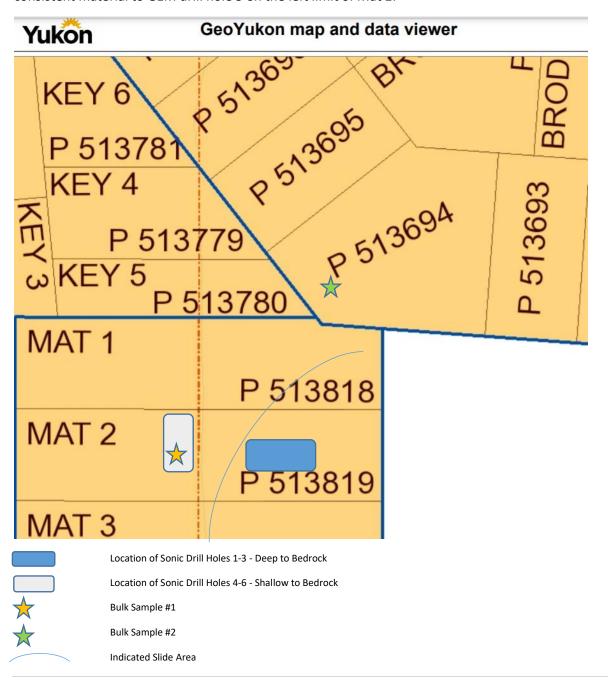
This drill hole indicates significantly less gold than GD20-12. At 20m-21m there is evidence of less than 0.5 oz per hour at 60 m3 per hour with all other results too small to measure. This large change in the distance of about 100 meters, indicates the gold deposited along the downslope was disturbed or redirected on Brodie 11. Consistent with the previous comparison, the drill depth of 23m was deeper than the 17m indicated in the resistivity report above.

### **Brodie 5 Drilling**

One drill hole was completed on Brodie 5 to test an area immediately adjacent to the cuts completed in 2020 which produced about 0.7 oz per hour at 60 m3 per hour. The goal was to confirm the same ground conditions so proper 2021 planning can be completed. Results did not confirm the tested area was the same. Where the 2020 cuts were more than 30m deep, the test location, which was only 30m west of the 2020 cuts encountered bedrock at 21m. Rather than being concentrated in fewer and deeper levels, gold was indicated consistently through the 10m-20m layers but at lower concentrations of 0.37 oz per hour at 60 m3 per hour, half the amount of the 2020 cuts.

### **Sonic Drilling**

The results of the drill holes completed by the sonic drill indicated much shallower bedrock and the existence of gold on the left limit of Mat 2. A bulk sample (Bulk Sample #1) was performed by excavating top pay gravels near the GEM 5 drill hole on August 29th which resulted in over 2 oz of gold recovered in 4 hours of derocker time. We concluded that the bottom of the Mat valley has ground of varying depths rather than being consistent. The drill depths were between 30 and 85 feet to bedrock over a fairly small area which indicate a slide on the right limit of the lower Mat claims. Our evaluation of the results pointed to an area on the Brodie bench claims directly below the right limit of the Mat claims that was not impacted by the slide material and therefore had a high likelihood of being shallow and with consistent material to GEM drill hole 5 on the left limit of Mat 2.



To test our theory of shallow ground on Brodie, we excavated a small area on the bench claims below the right limit of the Mat claims to perform a bulk sample (Bulk Sample #2) which was completed on September 17<sup>th</sup>. We intersected pay gravels at only 20 feet and the results of that test showed 0.91 oz in under 1 hour of derocker time, indicating over 1 oz per hour from top gravels. This area will be further explored in 2021 to determine the consistency of the results over a larger area and may become a significant focus of our mining due to its shallow depth and good test results without reaching bedrock.





September 17, Bulk Sample #2 Collection

Bulk Sample #2 Gold

Access to the areas on the Mat claims targeted for sonic drilling had a limited access trail requiring a road upgrade to enable the drill and support equipment to enter the target area. Trails were then built to access the specific drill sites. The area on the Brodie bench claim where Bulk Sample #2 was performed was adjacent to the road upgrade which provided access to this sample area at no additional cost.





Road Upgrade

**Drill Trail** 

### Conclusion:

From results of the drilling program completed during the 2020 season, we discovered the right limit of the bottom of the Mat claims were impacted by slide rock, however it was localized, leaving the left limit and the area below on the Brodie claims unaffected. This discovery opened a new area of high potential for mining on Brodie as well as confirming good mining areas on the Mat claims. Further, the results from drilling on Brodie 10-11 confirmed the gold bearing material continues up to Brodie 10 at slightly better gold deposits that what were mined in 2020. However, the gold abruptly stopped by the time it reached Brodie 11. The comparison of the drilling depths to the resistivity estimates indicates the depths to be approximately 30% deeper than resistivity estimates. The depth of the channel further up the moraine on Brodie 10-11 would then be more than 30m so it requires further drilling and planning to determine the economics of this area. Finally, the Brodie 5 drill location provided information that the location selected for 2021 mining is not similar to the areas mined in 2020. This drill hole indicated 10m of pay materials only 10m from the surface but gold content is at the low end of what is considered economical. Careful planning will be required to mine this area profitably.

The 2020 drilling program was extremely valuable to the miners in the Granite Creek area as it pointed to specific new information that will be used in future planning activities to select the right areas for mining in our immediate future. It also left many questions that will require future drilling programs and other sampling to expand on this information. In preparation for the future, we have contacted Northern Sonic Drilling & Consulting to request a drilling program early in the 2021 season.



Sunrise at Granite Creek September 23, 2020



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Submit to district mining recorder with required renewal application form and a detailed map showing drill locations on claim(s) or lease.

Driller contact info GEM Steel - gemmerbk@msn.com	Inside diameter of drill (minimum 1.75"): *Rates do not apply to Prospecting Leases.  By hand to bedrock:   Min. 1.75"   \$8/foot*  By mechanical means to bedrock:   Less that 4"  \$15/foot*  More than 4"  \$50/foot*	Prospecting lease number* / List ALL grant numbers where drilling sock place (attach additional pages if required)	Other comments and GPS points (GPS points – DMS)	No gold	No gold	No gold	No gold	No gold	No gold					
Driller Willy Palahicky, Kelly Robertson	Inside diameter of drill (minimum 1.7; By hand to bedrock: ☐ Min. 1.75" @ By mechanical means to bedrock: ☐ By mechanical means to bedrock: ☐	Prospecting lease number* / List ALL gr pages if required)	Breakdown of materials encountered by foot (i.e. sand, gravel, bedrock)	Rocky, broken, hard material	Clay then hard to soft as it got deeper with boulders	Hard till, clay with large rocks	Clay with boulders	Mix of clay with gravel, bottom is bedrock	Bedrock grey					7//
Date: \$2020 / 107/11.00 Time: 8 am - 5 am	Type of drill Sonic	Geographic description N63 50' 23.9", W135 03' 27.4	Drill hole Total footage (6' min. depth or to bedrock)	Hole 1 10	10	10	10	10	2			Total one ZZ	7.00	Cianot (J.:III.

Signature (driller or representative):

YG(6695EQ)F1 Rev.01/2020

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Date: 14/9/20

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Driller contact info GEM Steel - gemmerbk@msn.com	tes do not apply an 4" @ \$15/foo		Other comments and GPS points (GPS points – DIMS)	No result	No gold	No gold	No gold	No gold	No gold	No gold	No gold	No gold	No gold	
Driller Willy Palahicky, Kelly Robertson	Inside diameter of drill (minimum 1.75"): *Ra By hand to bedrock: ☐ Min. 1.75" @ \$8/foot* By mechanical means to bedrock: ☐ Less that	Prospecting lease number* / List ALL grant numbers where drift pages if required)	Breakdown of materials encountered by foot (i.e. sand, gravel, bedrock)	No sample	Broken rock and clay	Broken rock and clay	Clay ends at 35' then volcanic ash with rocks	Volcanic ash mixed with rocks and quartz	Clay and gravel mixed with yellow and orange	Boulders and black muck, very brittle	Clay till	Clay transition to rock	Sand, clay mixed with boulders	
8020/1108 80m-5pm		escription W135 03' 26.9"	Total footage (6' min. depth or to bedrock)	10	10	10	10	10	5	2	2	5	D.	52 aois
Date: \2020	Type of drill Sonic	Geographic description N63 50' 21.7", W135 03'	Drill hole location/ID #	Hole 2.								-		Total

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Submit to district mining recorder with required renewal application form and a detailed map showing drill locations on claim(s) or lease.

Driller contact info GEM Steel - gemmerbk@msn.com	of drill (minimum 1.75"): *Rates do not apply to Prospecting Leases. ck:	Prospecting lease number* / List ALL grant numbers where drilling took place (attach additional pages if required) Mat 2 - right limit	Other comments and GPS points (GPS points - DMS)	No result	No gold	No gold	No gold	No gold	No gold	No gold	No gold	No gold	No gold	No gold	No gold	
Driller Willy Palahicky, Kelly Robertson	Inside diameter of drill (minimum 1.75"): *Rai By hand to bedrock: ☐ Min. 1.75" @ \$8/foot* By mechanical means to bedrock: ☐ Less th	Prospecting lease number* / List ALL g pages if required) Mat 2 - right limit	Breakdown of materials encountered by foot (i.e. sand, gravel, bedrock)	No sample	Rock to start, clay near 20'	Clay mixed with rock	Mud then clay then boulders	Boulders to black clay	Weathered bedrock and magnitite	Glacial till and clay	Glacial till	Glacial till	Glacial till	Glacial till and grey hard clay	Glacial till and grey clay with greenish tint	
Date: 2020 / 107 / 09 Time: 8 am - 5 pm	Type of drill Sonic	Geògraphic description N63 50' 19.6", W135 03' 23.9"	Drill hole Total footage (6' min. depth or to bedrock)	Jole 3 10	10	10	10	2	2	5	2	2	5	5	5	Total 0.00 hext page

Signature (driller or representative):

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Submit to district mining recorder with required renewal application form and a detailed map showing drill locations on claim(s) or lease.

Driller contact info GEM Steel - gemmerbk@msn.com	f drill (minimum 1.75"): *Rates do not apply to Prospecting Leases.  k:	Prospecting lease number* / List ALL grant numbers where drilling took place (attach additional pages if required) Mat 2 - Right limit	Other comments and GPS points (GPS points – DMS)	No gold	No gold					
Driller Willy Palahicky, Kelly Robertson	Inside diameter of drill (minimum 1.75  By hand to bedrock: ☐ Min. 1.75 @ \$  By mechanical means to bedrock: ☐ ☐	Prospecting lease number* / List ALL graph pages if required) Mat 2 - Right limit	Breakdown of materials encountered by foot	Green till	Black till					
Date: Y2020y / r07/ 1:09 Time: 8 am - 5 pm	Type of drill Sonic	9	Drill hole Total footage (6' min. depth or to bedrock)	Hole 3 5	2					Total p.ed 90

Signature (driller or representative): YG(6695EQ)F1 Rev.01/2020

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### PLACER DRILL LOG

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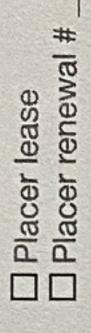
Submit to district mining recorder with required renewal application form and a detailed map showing drill locations on claim(s) or lease.

Inside diameter of drill (minimum 1.75° @ \$5	Date: V2020/ /	v2020v / n07v/ 113	Driller Willy Palahicky, Kelly Robertson		Driller contact info GEM Steel - gemmerbk@msn.com
Prospecting less produced by the pages if required   Prospecting less prumber / List ALL-grant numbers where	Type of drill onic			eter of drill (minimum bedrock:     Min. 1.75" cal means to bedrock:	tes do not apply to lan 4" @ \$15/foot*
Final footage  Breakdown of materials encountered by foot  Class and greet, bedrock  Slide rock mixed with river gravel  River gravel/fill, start of yellow till  River gravel/fill, start of yellow till  Cloid recovered  Bedrock	seographic de 63 50' 21.2",	cription 135 03' 29.3"		Prospecting lease number* / List ALL-grapages if required) Mat 2 - Left limit	THE PERSON NAMED IN COLUMN
Slide rock mixed with river gravel  River gravel/till, start of yellow till  Till mixed with round rock  Bedrock  Bedrock  Gold recovered  Gold recovered  Gold recovered  Figure 30  Figure 30  Figure 30  Figure 30	Drill hole location/ID #	Total footage (6' min. depth or to bedrock		of materials encountered by foot (i.e. sand, gravel, bedrock)	- BUCHO-DONEST A DARCH
River grave/fill, start of yellow till   No gold     Till mixed with round rock   Gold recovered     Bedrock   Gold recovered   Gold recovered     Gold recovered   Gold recovered   Gold recovered     Gold recovered   Gold recovered   Gold recovered     Gold recovered   Gold recovered   Gold recovered   Gold recovered     Gold recovered	0	10	Slide rock mixed w	/ith river gravel	Piog oN
Fill mixed with round rock  Bedrock  Gold recovered  Gold recovered  Gold recovered  Gold recovered  A So Gold recovered  Gold recovered  Gold recovered  Gold recovered  Gold recovered  Gold recovered		10	River gravel/till, sta	art of yellow till	Plog oN
Bedrock Gold recovered  86 30  representative):  SIGNATURE REQUIRED		5	Till mixed with rour	nd rock	Gold recovered
ed 30 significant representative):		5	Bedrock		Gold recovered
ee 30 Stownthe Reculred					
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Submit to district mining recorder with required renewal application form and a detailed map showing drill locations on claim(s) or lease.

Driller contact info GEM Steel - gemmerbk@msn.com	### ### #############################	Prospecting lease number* / List ALL grant numbers where drilling took place (attach additional pages if required) Mat 2 - Left limit	Other comments and GPS points (GPS points – DMS)	Plog oN	No gold	Ay No gold	No gold				Date: 1419126
Driller Willy Palahicky, Kelly Robertson	Inside diameter of drill (minimum 1.75"): *Rail By hand to bedrock: ☐ Min. 1.75" @ \$8/foot* By mechanical means to bedrock: ☐ Less the	Prospecting lease number* / List ALL pages if required) Mat 2 - Left limit	Breakdown of materials encountered by foot (i.e. sand, gravel, bedrook)	nd till	lli pu	rock mixed with bown cla	tion to bedrad				SIGNATURE REQUIRED
Driller Willy Palahic			Breal	River rock and till	River rock and till	River n	River o				M
√2020√ / 107/1 / 1015 8 am - 5 pm		Geographic description V63 50' 20.5", W135 03' 30.9"	Total footage  (6' min. depth or to bedrock)	5 10	10	2	2			<b>Total</b> 2.00 30	Signature (driller or representative):
Date: 2	Type of drill Sonic	Geographic d N63 50' 20.5",	Drill hole location/ID #	Hole							Signature (driller or YG(6695EQ)F1 Rev.01/2020



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Submit to district mining recorder with required renewal application form and a detailed map showing drill locations on claim(s) or lease.

Date: 2020	2020 / 7 / 16	Driller	Driller contact info
	- 5 pm	Willy Palahicky, Kelly Robertson	'GEM Steel - gemmerbk@msn.com
Type of drill Sonic		Inside diameter of drill (minimum 1.7 By hand to bedrock: ☐ Min. 1.75" @ By mechanical means to bedrock: ☐	Inside diameter of drill (minimum 1.75"): *Rates do not apply to Prospecting Leases.  By hand to bedrock:   Min. 1.75" @ \$8/foot*  By mechanical means to bedrock:   Less than 4" @ \$15/foot*   More than 4" @ \$50/foot*
Geographic description N63 50' 20.0", W135 03'	escription W135 03' 30.9"	Prospecting lease number* / List ALL g pages if required) Mat 2 - Left limit	Prospecting lease number* / List ALL grant numbers where drilling took place (attach additional pages if required) Mat 2 - Left limit
Drill hole location/ID #	Total footage (6' min. depth or to bedrock)	Breakdown of materials encountered by foot (i.e. sand, gravel, bedrock)	Other comments and GPS points (GPS points – DMS)
Hole 6	10.00	River rock and till	No gold
	10.00	River rock and till	No gold
	2.00	River rock and till	No gold
	2.00	River rock mixed with brown clay	No gold
	2.00	River rock transition to bedrock	No gold
Total	35.00		

Signature (driller or representative):

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Date: 141 9126

ADDIA	EARTH & IRON INC. Mayo Mining District, YT Canada T: (780) 900 2306
	EARTH & IKON INC.
1	Mayo Mining District, YT Canada
INON	T: (780) 900 2306

Signature		
Date		

### **DRILL SAMPLE PROCESSING LOG**

TOTAL GOLD WEIGHT: 11mg

9-10

10-11

11-12

12-13

13-14

15

15

15

15

15

**DRILL HOLE NAME: GC20-08** 

LOCATION: 497161N, 7080073E

DATE DRILLED 02-Sep-20	RILLED 02-Sep-20 TOTAL DEPTH REACHED		22m	DATE PROCESSED	03-Sep-20
DRILLER .	Mark Bayne	INSIDE DIAMETER OF DRILL	115mm	COMPLETED BY METHOD	Selena & Allegra Le Trap
HELPER	HELPER Allan Dutchak	TYPE OF DRILL	RC		
DEPTH (m) SAMPLE SIZE	and the contract of the contra	FINAL CONCENTRATE DESCRIPTION	COMMENTS	SAMPLE ON FILE	
	(L)		GOLD DESCRIPTION	12 34 miles	
0-3	10	Top soil and original ground			N
4			No gold		
3-4	20	Tan sand with small amounts of	A Transfer of the same of the		N
J- <del>1</del>	20	organics	No gold		
4-5	18	Silty sand and gravels (Diorite,		Ground water	N
7.3	10	quartz and quartzite)	No gold	Ground water	
5-6	18	Silty sand , very little gravel	No gold	Water	N
6-7	25	Silty sand	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Increase in	, <b>N</b>
	23	Sitty Sand	No gold	water	
		Grey silty sand, small amount of		D	
7-8	25	gravel (diorite, quartz, quartzite)	1 small grain, 1CC, 1MC, 2FC	Decrease in water	Υ
8-9	20	Grey and tan sand and gravel	1110 050	Dry	1mg

(quartz, quartzite)

Grey sand with mixed gravel

(Granite, diorite, quartz and

Dark grey sand mixed gravel

Brown sand with mixed gravels

Brown sand with mixed gravels

(Diorite, quartz, quartzite)

(Diorite, quartz, quartzite)

(Diorite, quartz, quartzite)

Grey sand

quartzite)

Dry

Dry

Dry

Dry

water

Water

N

5mg

N

4MC, 6FC

No gold

Hematite

1CC, 1MC, 5FC

1 small grain,

4MC,6FC

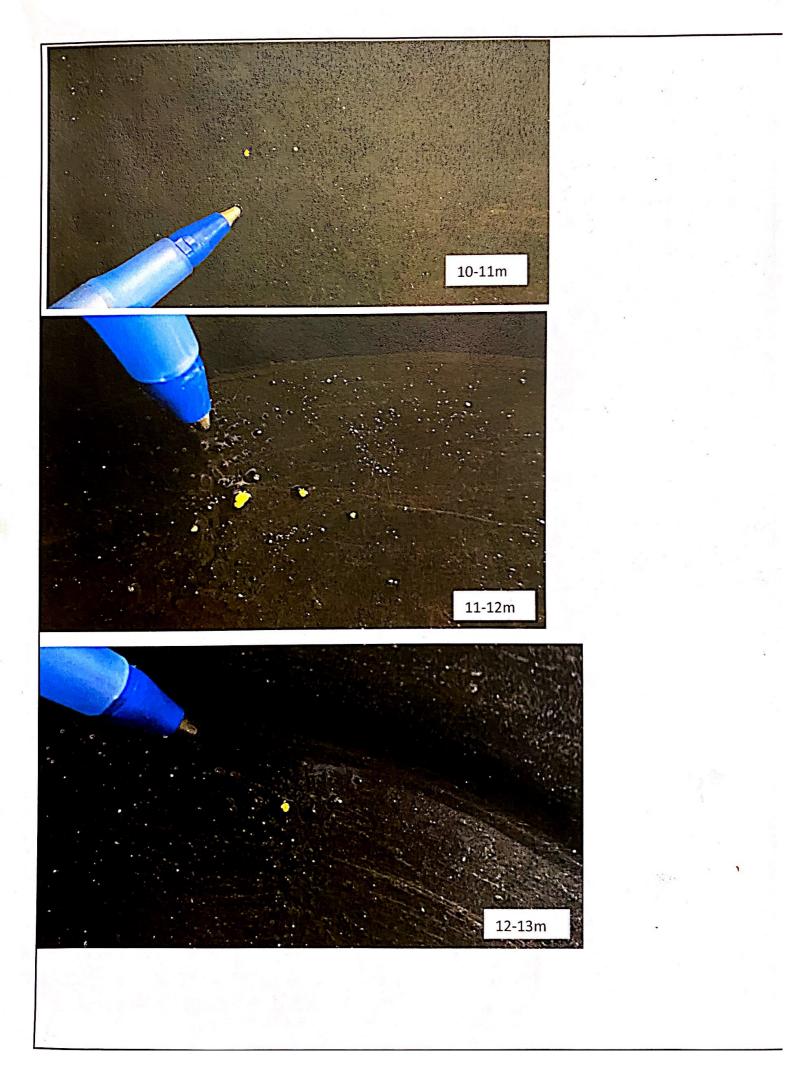
1CC, 4FC

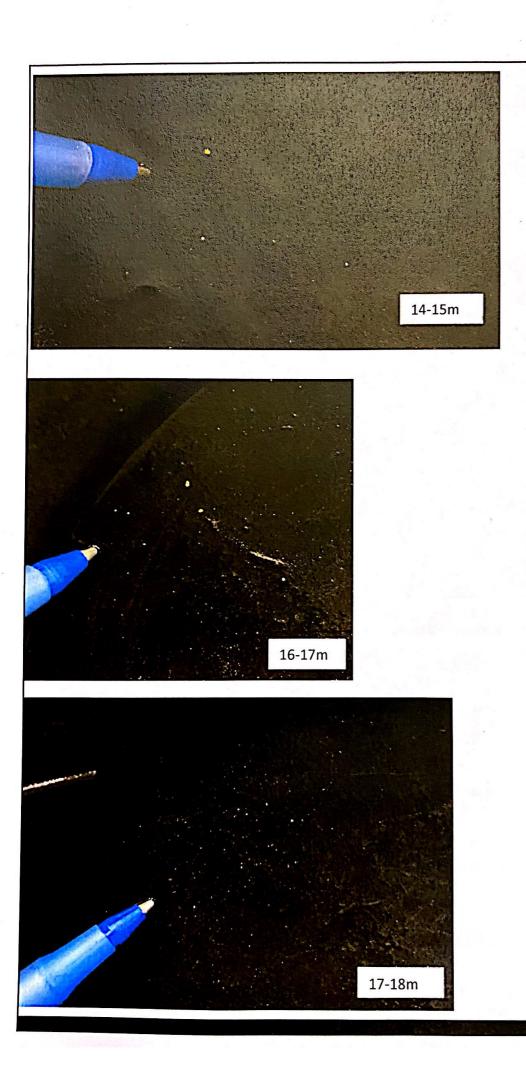
No gold

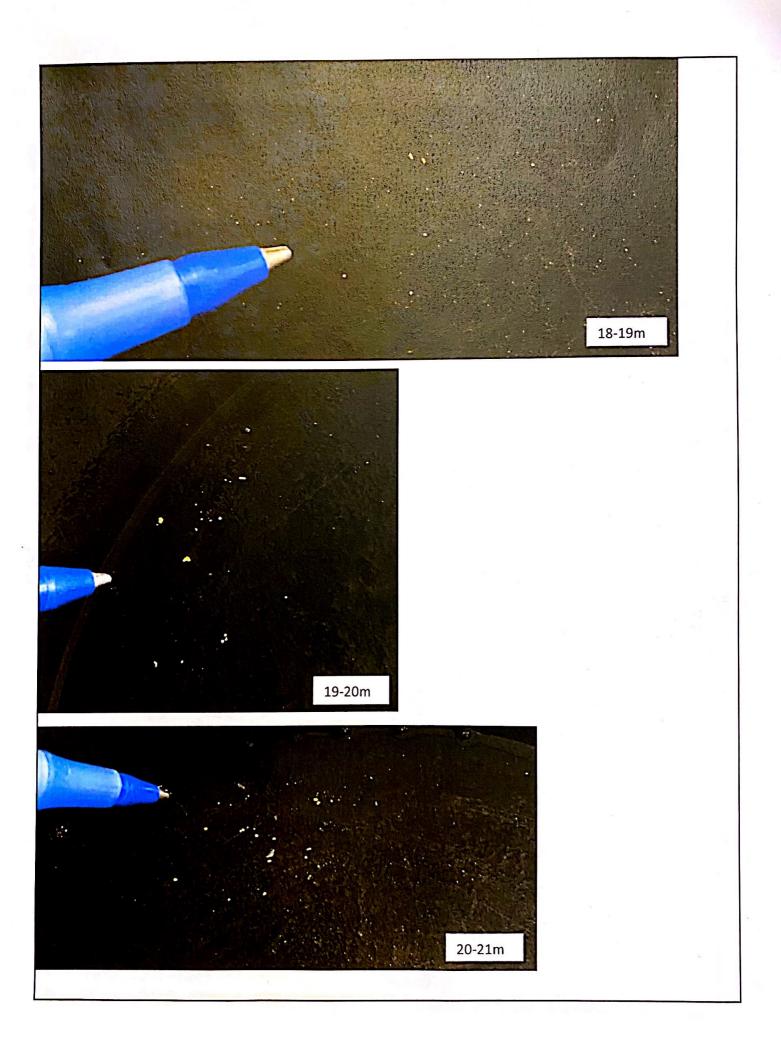
14-15	20	Brown sand with mixed gravels (Diorite, granite, quartz, quartzite)	1CC, 3FC	Water	
15-16	15	Brown and tan sand with mixed gravels	1FC	Water	Y
16-17	10	Brown and light tan sands with mixed gravel	1CC, 1MC, 4FC	Increase in water	14-20m 4mg
17-18	18	Brown sand with mixed gravel	11FC	Water	
18-19	20	Brown sand with mixed gravel (diorite, quartz)	3MC, 5FC	Water	
19-20	15	Brown and orange sand with mixed gravel (diorite)	Black sand 2CC, 2MC, 9FC	Water	
20-21	35	Brown tan sand with mixed gravels	Black sand 14MC, 10FC, 4VF	Water	Y 20-22m
21-22	10	Bedrock contact (decomposed)	1MC, 2SC	Water	1mg

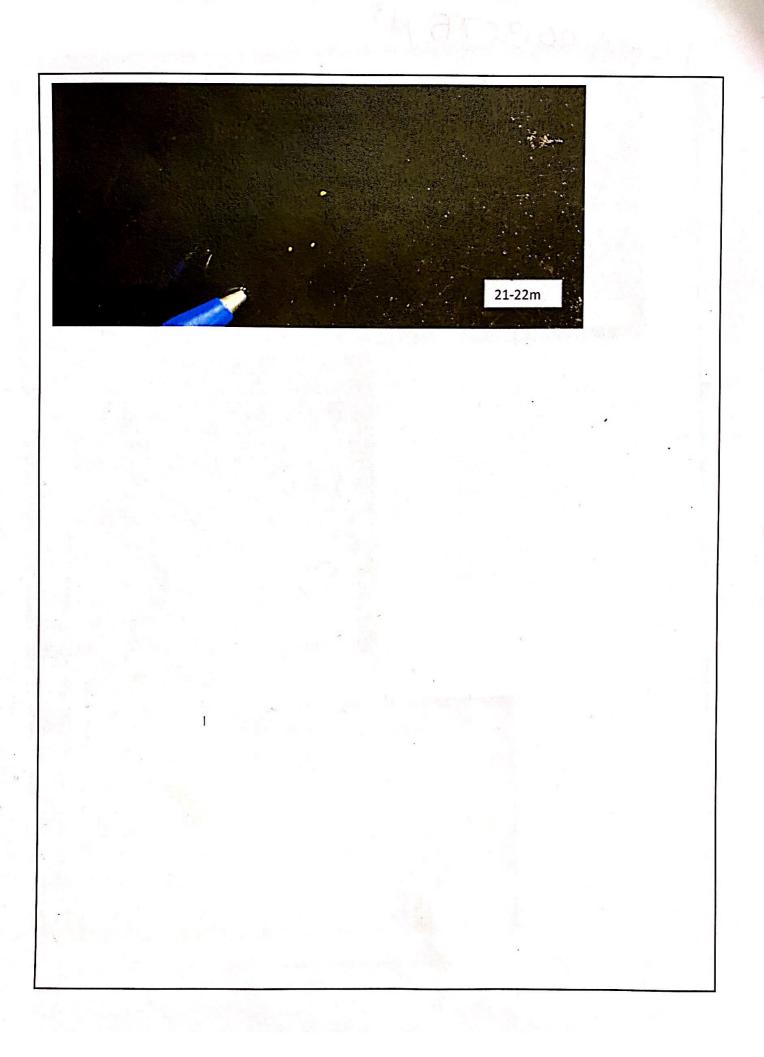












APPLIA S	EARTH & IRON INC.	Signature
	Mayo Mining District, YT Canada	
IRON	T: (780) 900 2306	Date

### **DRILL SAMPLE PROCESSING LOG**

CLAIM NAME Brodie 12 DRILL HOLE NAME GC20-12

**UTM** 496845, 7080778

DATE DRILLED07-Sep-20TOTAL DEPTH REACHED24mDATE PROCESSED08-Sep-20DRILLERMark BayneINSIDE DIAMETER OF DRILL115mmCOMPLETED BYSelena & AllegraHELPERAllan DutchakTYPE OF DRILLRCMETHODLe Trap

DEPTH (m)	SAMPLE SIZE (L)	LITHOLOGY DESCRIPTION	FINAL CONCENTRATE DESCRIPTION GOLD DESCRIPTION	COMMENTS	SAMPLE ON FILE (Y/N)
0-2	4	brown gravel with fine sand and silt	1FC, 5 VFC	Dry samples	
2-3	6	dark brown silty gravel with fine sand	no gold		
3-4	15	dark brown/black rounded gravel with silt and sand	3VFC		
4-5	16	dominant black silt with small gravel	2FC, 1VFC		
5-6	16	black silt with small gravel	fresh pyrite 2FC, 1VFC	Picture ang gold	
6-7	17	dark brown silt with small gravel	1MC	Picture ang gold	
7-8	17	light brown rounded gravel with silt and sand	3FC, 10VFC		
8-9	10	light tan powdery rock chips and sand (boulder?)	oxidized pyrite 1MC	Diorite and quartzite	
9-10	10	light tan powdery rock chips and sand (bouder?)	2FC	dio and qtzt, mixed yellow quartz	
10-11	48	grey silty gravel	fresh pyrite 1CC, 1MC, 6FC, 5VFC	(half) wet sample picture	
11-12	25	tan gravel with silt -quartzite	1MC	dry sample angular gold	
12-13	18	tan gravel with silt -quartzite	1MC, 1FC	dry	
13-14	11	tan gravel with silt -quartzite	pyrite 14 FC	wet sample	
14-15	12	tan gravel with silt -quartzite	pyrite 1FC	dry	

15-16	10L 0.0130795 yard <sup>3</sup>	grey brown silty gravel	1 small Gr -15mg	dry	Υ
16-17	15	grey brown silty gravel	1FC	dry sample	
17-18	10	grey brown silty gravel	1CC, 4FC	wet sample	Υ
18-19	18L 0.0235431 yard <sup>3</sup>	brown silty gravel	oxidized pyrite 1 small Gr, 3FC, 15VFC - 6mg	angular gold grain	Υ
19-20	15L 0.0196193 yard <sup>3</sup>	grey brown orangy gravel and silt	1 flake, 1CC, 3MC, 2FC - 18mg	wet picture	Υ
20-21	7	brown silty orangy small gravels	pyrite, fresh and oxidized 3FC		
21-22	19	tan gravel with silt	pyrite no gold		
22-23	17	tan orange silty gravel	no gold	dry quartzite chips	
23-24	4	bedrock chips and ground rock	no gold	wet quartzite chips	





EARTH & IRON INC.	Signature	
Mayo Mining District, YT Canada		
T: (780) 900 2306	Date	

### **DRILL SAMPLE PROCESSING LOG**

CLAIM NAME Brodie 12 DRILL HOLE NAME GC20-13

**UTM** 496780, 7080815

DATE DRILLED09-Sep-20TOTAL DEPTH REACHED22mDATE PROCESSED09-Sep-20DRILLERMark BayneINSIDE DIAMETER OF DRILL115mmCOMPLETED BYSelena & AllegraHELPERAllan DutchakTYPE OF DRILLRCMETHODLe Trap

DEPTH (m)	SAMPLE SIZE (L)	LITHOLOGY DESCRIPTION	FINAL CONCENTRATE DESCRIPTION  GOLD DESCRIPTION	COMMENTS	SAMPLE ON FILE (Y/N)
0-2	8	orange-tan gravel	1FC	Dry samples	
2-3	10	orange-tan gravel and silt	2FC		
3-4	36	tan-grey powdery (boulder chips) and brown gravel	pyrite 1FC, 2VFC		
4-5	16	brown silty gravel and ang rocks	2FC		
5-6	16	brown silty gravel	2MC, 2FC, 1VFC	Picture	Υ
6-7	16	powdery (boulder) grey brown gravel and silt	1MC, 4FC, 1VFC	Picture ang gold	Υ
7-8	20	grey-brown gravel and silt	1FC		
8-9	16	grey-brown gravel and silt	pyrite no gold		
9-10	24	grey-brown gravel and silt	1FC, 3VFC	Dry samples	
10-11	20	tan gravel	2FC, 1VFC	Dry samples	
11-12	16	grey gravel and silt	no gold	Dry samples	
12-13	15	grey gravel and silt	1MC, 1FC, 5VFC	diorite, picture	
13-14	17	grey gravel and silt	2VFC	damp sample	
14-15	8	powdery (boulder) with gravel	pyrite no gold	damp sample	

15-16	8	brown silt, sand and gravel	3FC	wet samples	Y
16-17	4	brown silt, sand (boulder)	no gold	wet samples	
17-18	10	orange - tan gravel with silt	pyrite 2FC	wet samples	Υ
18-19	17	brown silty gravel	pyrite 6VFC	wet samples	Υ
19-20	8	brown silty gravel	4FC	wet samples	Υ
20-21	17	brown silty gravel, sand	1MC, 7FC, 10VFC	wet samples - picture	
21-22	6	brown coarse sand	pyrite 2FC, 4VFC	wet samples	



