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Ministry of Energy, Mines & Petroleum Resources
Mining & Minerals Division
BC Geological Survey

BC Geological Survey Assessment Report 40363

Assessment Report Title Page and Summary

TYPE OF REPORT [type of survey(s)]: Diamond Drill Program **TOTAL COST:** $196,163.39

AUTHOR(S): David L. Pighin, PGeo. **SIGNATURE(S):** "David L. Pighin"

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): MX-5-843 **YEAR OF WORK:** 2021

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5935176

PROPERTY NAME: HUNGRY CREEK

CLAIM NAME(S) (on which the work was done): 1070032

COMMODITIES SOUGHT: Copper/Cobalt

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN:

MINING DIVISION: Nelson **NTS/BCGS:** 082F068, 078, 079

LATITUDE: ° ' " **LONGITUDE:** ° ' " **(at centre of work)**

UTM: **Zone 11** **Easting: 538000** **Northing: 5507000**

OWNER(S):

1) DLP RESOURCES INC.

2) J. Sean Kennedy
Mineral Claim # 1070031

MAILING ADDRESS:

#201 - 135 - 10th Ave S.,
Cranbrook, BC V1C 2N1

8037 Banman Cres.,
Kimberley, BC V1A 3L3

OPERATOR(S) [who paid for the work]:

1) DLP Resources Inc.

2)

MAILING ADDRESS:

as Above

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):

Creston Formation; Purcell Supergroup; Middle Proterozoic age; Mesoproterozoic Purcell basin; Purcell anticline; Redding Creek Fault; Hall Lake Fault; siltite; argillite; quarzite; clastic; carbonate rocks; mafic sills

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 39212 + 39427

Next Page

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for...)			
Soil			
Silt			
Rock			
Other			
DRILLING (total metres; number of holes, size)			
Core	826.5 m; 2 holes; NQ	1070032	$107,951.11
Non-core		1070032	$ 88,212.28
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY / PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST:	$196,163.39

Print Form

Mineral Titles Online

Mineral Claim Exploration and Development Work/Expiry Date Change

Confirmation

Mineral Claim Exploration and Development Work/Expiry Date Change

- Select Input Method
- Select/Input Titles
- Input Lots
- Link Event Numbers
- Data Input Form
- Upload Report
- Review Form Data
- Process Payment
- Confirmation

Recorder: DLP RESOURCES INC. (288099) **Submitter:** DLP RESOURCES INC. (288099)
Recorded: 2022/APR/30 **Effective:** 2022/APR/30
D/E Date: 2022/APR/30

Confirmation

If you have not yet submitted your report for this work program, your technical work report is due in 90 days. The Exploration and Development Work/Expiry Date Change event number is required with your report submission. **Please attach a copy of this confirmation page to your report.** Contact Mineral Titles Branch for more information.

Event Number: **5935176**

Work Type: Technical Work
Technical Items: Drilling

Work Start Date: 2021/JUL/01
Work Stop Date: 2021/AUG/31
Total Value of Work: $ 196163.39
Mine Permit No:

Summary of the work value:

Title Number	Claim Name	Issue Date	Good To Date	New Good To Date	# of Days For-ward	Area in Ha	Applied Work Value	Sub-mission Fee
1070032	HUNGRY MINER 1	2019/AUG/01	2024/SEP/30	2027/JUL/1	1004	376.02	$ 17235.04	$ 0.00
1070033	HUNGRY MINER 2	2019/AUG/01	2024/SEP/30	2027/Jul/1	1004	397.04	$ 18198.45	$ 0.00
1070138	HUNGRY MINER 3	2019/AUG/06	2024/SEP/30	2027/jul/1	1004	522.07	$ 23893.65	$ 0.00
1070139	HUNGRY MINER 4	2019/AUG/06	2024/SEP/30	2027/jul/1	1004	208.82	$ 9557.31	$ 0.00
1070140	HUNGRY MINER 5	2019/AUG/06	2024/SEP/30	2027/jul/1	1004	334.29	$ 15299.40	$ 0.00
1070141	HUNGRY MINER 6	2019/AUG/06	2024/SEP/30	2027/jul/1	1004	313.53	$ 14349.39	$ 0.00
1070429	HUNGRY MINER 7	2019/AUG/17	2024/SEP/30	2027/jul/1	1004	438.39	$ 19997.92	$ 0.00
1070430	HUNGRY MINER 8	2019/AUG/17	2024/SEP/30	2027/jul/1	1004	417.63	$ 19050.84	$ 0.00
1070431	HUNGRY MINER 9	2019/AUG/17	2024/SEP/30	2027/jul/1	1004	522.23	$ 23822.12	$ 0.00
1070432	HUNGRY MINER 10	2019/AUG/17	2024/SEP/30	2027/jul/1	1004	417.93	$ 19064.57	$ 0.00
1070435	HUNGRY MINER 11	2019/AUG/17	2024/SEP/30	2027/jul/1	1004	313.54	$ 14302.44	$ 0.00
1070031	HUNGRY MINER	2019/AUG/01	2026/SEP/30	2027/jul/1	274	62.68	$ 941.02	$ 0.00

Financial Summary:

Total applied work value: $ 195712.15

PAC name: DLP RESOURCES INC.

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Debited PAC amount:	$ 0.0
Credited PAC amount:	$ 451.24
Total Submission Fees:	$ 0.0
Total Paid:	**$ 0.0**

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ASSESSMENT REPORT
DRILLING ON HUNGRY CREEK - 2021

DLP RESOURCES INC. June 20, 2022

REPORT ON TWO DRILL HOLES, HC21-01 and HC21-02 ON THE HUNGARY CREEK PROJECT

Claim Numbers
1070429, 1070430, 1070431, 1070432, 1070435, 1070138, 1070139, 1070140, 1070141, 1070031, 1070032, 1070033.

HUNGRY CREEK AREA
SOUTHEAST BC

MAPSHEETS 082F068, 078, 079

NELSON MINING DIVISION
UTM NAD 83 ZONE 11

538000E / 5507000N

OWNER: **DLP RESOURCES INC.**
#201 – 135 – 10th Ave. S.,
Cranbrook, BC V1C 2N1
Phone: 250-426-7808

Prepared by:
David Leo Pighin, P.Geo.,
Consultant for DLP Resources Inc.

June 20, 2022

Table of Contents

1. Introduction

This assessment report presents the results of the 2021 drilling of two diamond drill holes, HC21-01 and HC21-02 on the Hungry Creek Project between July and August 2021 (Figure 1). The Hungry Creek drilling of 826.5m was located approximately 35km west of Kimberley.

The purpose of the drilling was to follow up on prospecting within the Hungry Creek drainage in 2019 when several semi-massive to massive sulphide (pyrite-chalcopyrite-chalcocite) bearing quartzite boulders were traced within the Hungry Creek streambed. Drill holes HC21-01 and 02 were drilled in July-August 2021 and were drilled in upper Creston Formation rocks to depths of 358.7m and 467.8m respectively. Although drilling did not intersect copper-cobalt mineralization identified previously in float boulders along Hungry Creek (Figures 6 and 7). The drill hole information did however assist with the understanding of the geology and further prospecting to the west and south of the area drilled was successful in identifying a significant package of visible copper mineralized middle Creston quartzites (MC2) within the Belt-Purcell Basin (Figure 2, 3 and 4).

2. Location and Access

The property is located 35 km west of Kimberley and 50 km southwest of Cranbrook in southeastern BC within the Hungry Creek, Redding Creek and West Fork River drainages (Figure 1).

Access from Kimberley BC is via Highway 95A heading south towards Marysville, then taking the St Mary River Road and proceeding west to the West Fork Forest Service Road and travelling approximately 5 km to the property boundary.

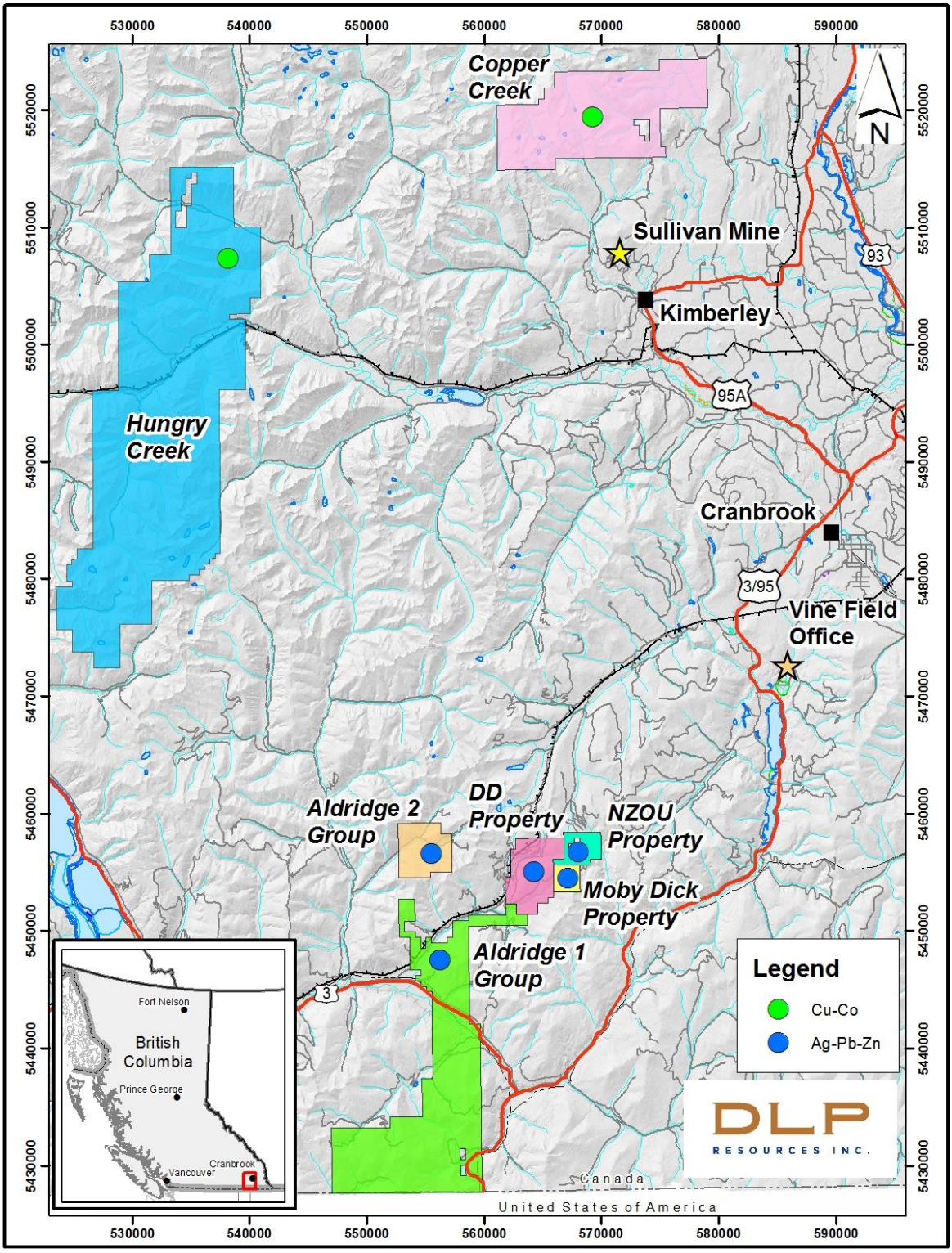


Figure 1. Location map

3. Property Definition, History and Background Information

3.1 Property Definition

The claim block on which the geophysical survey was conducted occurs on the BCGS map-sheets 082F068, 078, 079.

The claims are situated primarily within the Hungry Creek drainage, an east flowing tributary of the St. Mary River. Elevation ranges from around 1300 m to over 2500 m. Hill sides are typically steep and either tree covered or cliffy. Vegetation varies depending on slope direction. North facing slopes tend to be wetter and covered by cedar-hemlock stands at low elevations and spruce at higher elevations. South facing slopes are primarily timbered by mature lodgepole pine with some mixed Douglas fir at lower elevations. Both slopes host numerous thickly vegetated avalanche paths.

The Hungry Creek property is comprised of 74 claims (Table 1 and Figures 2 and 3). The 74 mineral claims cover just over 38,852.92 hectares and are owned or under option by DLP Resources Inc.

Table 1
LIST OF CLAIMS

HUNGRY CREEK

Title Number	Claim Name	Owner	Good To Date	Area (ha)
1070032	HUNGRY MINER 1	288099 (100%)	2027/JUL/01	376.0185
1070033	HUNGRY MINER 2	288099 (100%)	2027/JUL/01	397.0373
1070138	HUNGRY MINER 3	288099 (100%)	2027/JUL/01	522.0702
1070139	HUNGRY MINER 4	288099 (100%)	2027/JUL/01	208.8248
1070140	HUNGRY MINER 5	288099 (100%)	2027/JUL/01	334.2881
1070141	HUNGRY MINER 6	288099 (100%)	2027/JUL/01	313.5306
1070429	HUNGRY MINER 7	288099 (100%)	2027/JUL/01	438.3929
1070430	HUNGRY MINER 8	288099 (100%)	2027/JUL/01	417.6311
1070431	HUNGRY MINER 9	288099 (100%)	2027/JUL/01	522.2267
1070432	HUNGRY MINER 10	288099 (100%)	2027/JUL/01	417.932
1070435	HUNGRY MINER 11	288099 (100%)	2027/JUL/01	313.5369
1083625	HUNGRY CREEK 12	288099 (100%)	2022/AUG/11	417.3799
1083626	HUNGRY CREEK 13	288099 (100%)	2022/AUG/11	417.3805
1083627	HUNGRY CREEK 14	288099 (100%)	2022/AUG/11	375.6411
1083628	HUNGRY CREEK 15	288099 (100%)	2022/AUG/11	354.9261
1083629	HUNGRY CREEK 16	288099 (100%)	2022/AUG/11	417.7113
1083630	HUNGRY CREEK 17	288099 (100%)	2022/AUG/11	522.3512
1083631	HUNGRY CREEK 18	288099 (100%)	2022/AUG/11	522.5867
1083632	HUNGRY CREEK 19	288099 (100%)	2022/AUG/11	438.1001
1083633	HUNGRY CREEK 20	288099 (100%)	2022/AUG/11	187.7486
1083900	HUNGRY CREEK 21	288099 (100%)	2022/SEP/05	417.8281

Table 1 Cont.				
Title Number	**Claim Name**	**Owner**	**Good To Date**	**Area (ha)**
1083901	HUNGRY CREEK 22	288099 (100%)	2022/SEP/05	501.5853
1083905	HUNGRY 23	288099 (100%)	2022/SEP/05	502.3637
1083907	HUNGRY 24	288099 (100%)	2022/SEP/05	501.6426
1083909	HUNGRY 25	288099 (100%)	2022/SEP/05	501.9504
1083910	HUNGRY 26	288099 (100%)	2022/SEP/05	334.7815
1083911	HUNGRY 27	288099 (100%)	2022/SEP/05	334.8872
1083912	HUNGRY CREEK 28	288099 (100%)	2022/SEP/05	501.7687
1083914	HUNGRY 29	288099 (100%)	2022/SEP/05	502.0526
1083916	HUNGRY CREEK 30	288099 (100%)	2022/SEP/05	502.208
1083918	HUNGRY CREEK 31	288099 (100%)	2022/SEP/05	522.8356
1083919	HUNGRY CREEK 32	288099 (100%)	2022/SEP/05	522.7292
1083920	HUNGRY CREEK 33	288099 (100%)	2022/SEP/05	355.4451
1083922	HUNGRY CREEK 34	288099 (100%)	2022/SEP/05	523.0563
1083923	HUNGRY CREEK 35	288099 (100%)	2022/SEP/05	522.9587
1083924	HUNGRY CREEK 36	288099 (100%)	2022/SEP/05	418.5934
1083925	HUNGRY CREEK 37	288099 (100%)	2022/SEP/05	418.5354
1083927	HUNGRY CREEK 38	288099 (100%)	2022/SEP/05	418.3422
1083929	HUNGRY CREEK 39	288099 (100%)	2022/SEP/05	334.8123
1083954	HUNGRY CREEK 40	288099 (100%)	2022/SEP/06	523.5348
1083955	HUNGRY CREEK 41	288099 (100%)	2022/SEP/06	523.4817
1083956	HUNGRY CREEK 42	288099 (100%)	2022/SEP/06	523.4486
1083957	HUNGRY CREEK 43	288099 (100%)	2022/SEP/06	523.4272
1083958	HUNGRY CREEK 44	288099 (100%)	2022/SEP/06	418.7063
1083959	HUNGRY CREEK 45	288099 (100%)	2022/SEP/06	523.6918
1083960	HUNGRY CREEK 46	288099 (100%)	2022/SEP/06	523.6612
1083961	HUNGRY CREEK 47	288099 (100%)	2022/SEP/06	523.6426
1083962	HUNGRY CREEK 48	288099 (100%)	2022/SEP/06	523.6296
1083963	HUNGRY CREEK 49	288099 (100%)	2022/SEP/06	418.893
1083964	HUNGRY CREEK 50	288099 (100%)	2022/SEP/06	523.844
1083965	HUNGRY CREEK 51	288099 (100%)	2022/SEP/06	523.8432
1083966	HUNGRY CREEK 52	288099 (100%)	2022/SEP/06	523.8417
1083967	HUNGRY CREEK 53	288099 (100%)	2022/SEP/06	523.8413
1083968	HUNGRY CREEK 54	288099 (100%)	2022/SEP/06	419.0748
1083969	HUNGRY CREEK 55	288099 (100%)	2022/SEP/06	524.0646
1083970	HUNGRY CREEK 56	288099 (100%)	2022/SEP/06	524.0645
1083971	HUNGRY CREEK 57	288099 (100%)	2022/SEP/06	1048.127
1083972	HUNGRY CREEK 58	288099 (100%)	2022/SEP/06	419.2538
1083973	HUNGRY CREEK 59	288099 (100%)	2022/SEP/06	1048.57
1083974	HUNGRY CREEK 60	288099 (100%)	2022/SEP/06	1048.571
1083975	HUNGRY CREEK 61	288099 (100%)	2022/SEP/06	1049.002
1083976	HUNGRY CREEK 62	288099 (100%)	2022/SEP/06	1049.004
1083977	HUNGRY CREEK 63	288099 (100%)	2022/SEP/06	1049.434
1083978	HUNGRY CREEK 64	288099 (100%)	2022/SEP/06	1005.624
1083979	HUNGRY CREEK 65	288099 (100%)	2022/SEP/06	839.0399

Table 1 Cont.				
Title Number	**Claim Name**	**Owner**	**Good To Date**	**Area (ha)**
1083980	HUNGRY CREEK 66	288099 (100%)	2022/SEP/06	123.7127
1084053	HUNGRY CREEK 67	288099 (100%)	2022/SEP/07	515.1248
1084056	HUNGRY CREEK 68	288099 (100%)	2022/SEP/07	671.94
1084061	HUNGRY CREEK 69	288099 (100%)	2022/SEP/07	1154.869
1084065	HUNGRY CREEK 70	288099 (100%)	2022/SEP/07	924.3715
1084071	HUNGRY CREEK 71	288099 (100%)	2022/SEP/07	693.1573
1084073	HUNGRY CREEK 72	288099 (100%)	2022/SEP/07	840.5915
1084830	HUNGRY CREEK 73	288099 (100%)	2022/OCT/18	167.4695
1070031	HUNGRY MINER	142365 (100%)	2027/JUL/01	62.6776

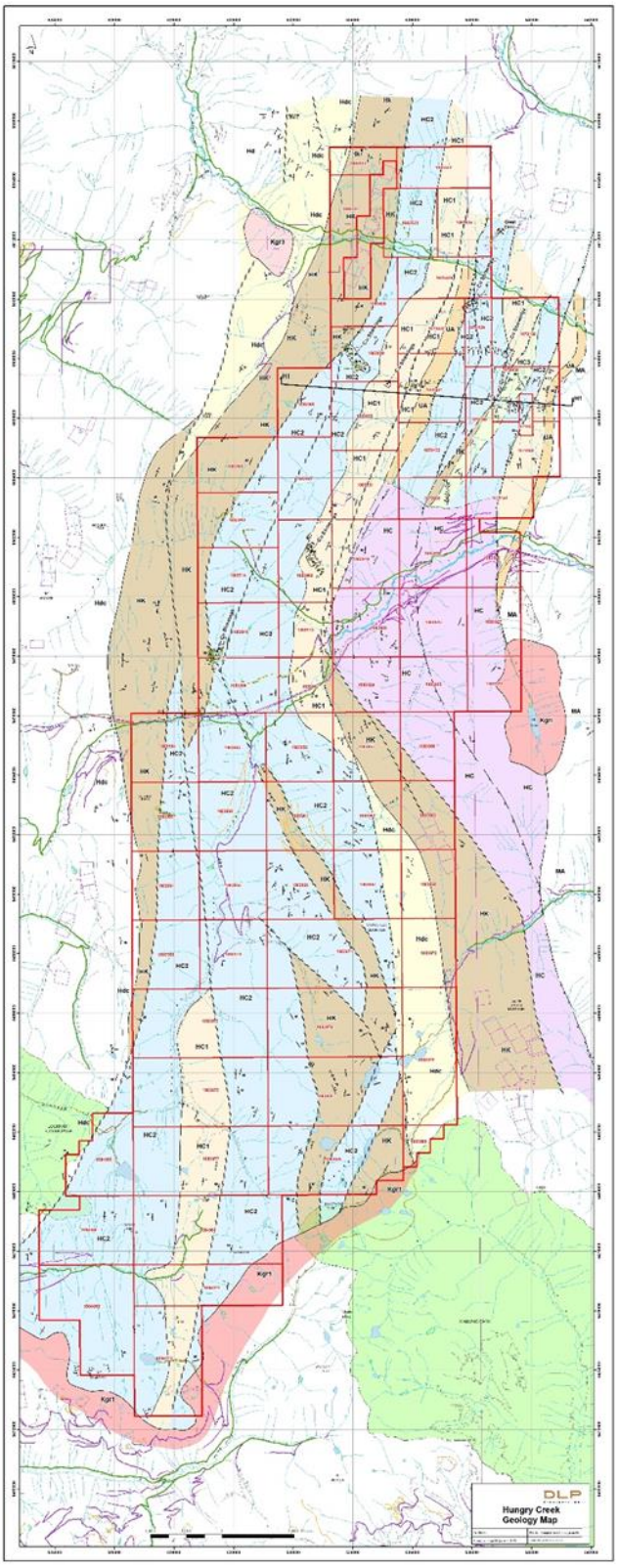
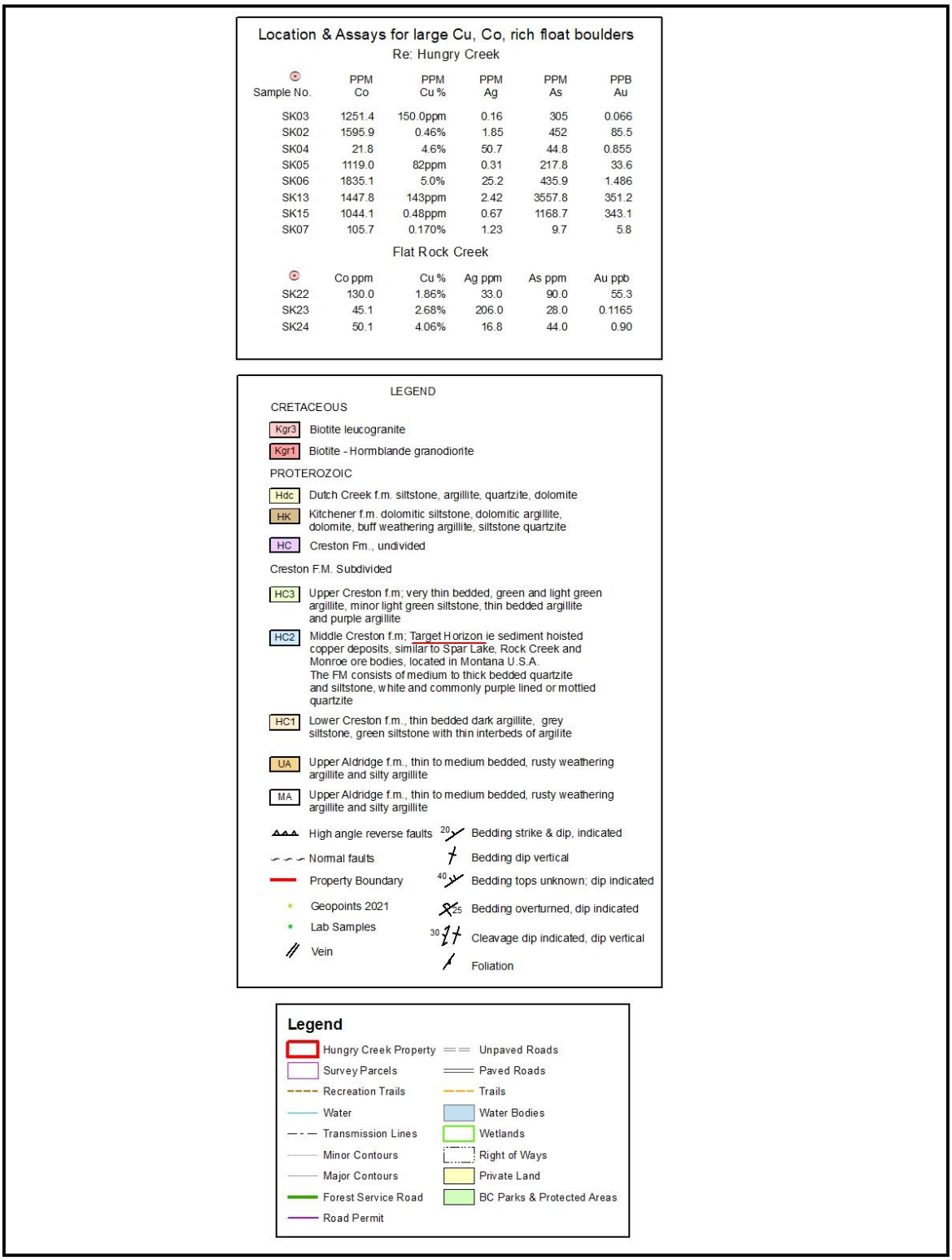


Figure 2. Claim Map on Geology (See Appendix 1)



Location & Assays for large Cu, Co, rich float boulders
Re: Hungry Creek

Sample No.	PPM Co	PPM Cu %	PPM Ag	PPM As	PPB Au
SK03	1251.4	150.0ppm	0.16	305	0.066
SK02	1595.9	0.46%	1.85	452	85.5
SK04	21.8	4.6%	50.7	44.8	0.855
SK05	1119.0	82ppm	0.31	217.8	33.6
SK06	1835.1	5.0%	25.2	435.9	1.486
SK13	1447.8	143ppm	2.42	3557.8	351.2
SK15	1044.1	0.48ppm	0.67	1168.7	343.1
SK07	105.7	0.170%	1.23	9.7	5.8

Flat Rock Creek

	Co ppm	Cu %	Ag ppm	As ppm	Au ppb
SK22	130.0	1.86%	33.0	90.0	55.3
SK23	45.1	2.68%	206.0	28.0	0.1165
SK24	50.1	4.06%	16.8	44.0	0.90

LEGEND

CRETACEOUS

Kgr3 Biotite leucogranite

Kgr1 Biotite - Hornblande granodiorite

PROTEROZOIC

Hdc Dutch Creek f.m. siltstone, argillite, quartzite, dolomite

HK Kitchener f.m. dolomitic siltstone, dolomitic argillite, dolomite, buff weathering argillite, siltstone quartzite

HC Creston Fm., undivided

Creston F.M. Subdivided

HC3 Upper Creston f.m; very thin bedded, green and light green argillite, minor light green siltstone, thin bedded argillite and purple argillite

HC2 Middle Creston f.m; Target Horizon ie sediment hoisted copper deposits, similar to Spar Lake, Rock Creek and Monroe ore bodies, located in Montana U.S.A. The FM consists of medium to thick bedded quartzite and siltstone, white and commonly purple lined or mottled quartzite

HC1 Lower Creston f.m., thin bedded dark argillite, grey siltstone, green siltstone with thin interbeds of argilite

UA Upper Aldridge f.m., thin to medium bedded, rusty weathering argillite and silty argillite

MA Upper Aldridge f.m., thin to medium bedded, rusty weathering argillite and silty argillite

High angle reverse faults

Normal faults

Property Boundary

Geopoints 2021

Lab Samples

Vein

20 Bedding strike & dip, indicated

Bedding dip vertical

40 Bedding tops unknown; dip indicated

25 Bedding overturned, dip indicated

30 Cleavage dip indicated, dip vertical

Foliation

Legend

Hungry Creek Property

Survey Parcels

Recreation Trails

Water

Transmission Lines

Minor Contours

Major Contours

Forest Service Road

Road Permit

Unpaved Roads

Paved Roads

Trails

Water Bodies

Wetlands

Right of Ways

Private Land

BC Parks & Protected Areas

Figure 3. Legend for Figure 2 (See Appendix 1)

3.2 History - Background Information

In 2019 and 2020 a program consisting of prospecting, rock, soil, and silt sampling, ground-based geophysics, and airborne geophysical reprocessing was conducted on the property. The main purpose of the program was to define the source of copper and cobalt bearing semi-massive sulphide boulders discovered in the Hungry Creek valley by DLP prospectors.

4. Regional Geology

The regional geology includes an early synrift succession of the Purcell Supergroup (Figure 4). The Supergroup is a thick sequence of terrigenous clastic, carbonate, and minor volcanic rocks of Middle Proterozoic age. The Purcell comprises, the Aldridge Formation, and an overlying generally shallow water post-rift or rift fill sequence which includes the Creston and Kitchener Formations and younger Purcell rocks.

The Hungry Creek property lies principally within the Creston Formation which is a correlative to the Revett in Montana and Idaho, USA. The Creston Formation comprises dominantly green, mauve and grey siltite, argillite and quartzite with numerous structures indicative of shallow-water to subaerial deposition. It conformably overlies upper Aldridge argillite and siltite and is overlain by carbonate rocks of the Kitchener Formation. The Creston Formation correlates with the Burke, Revett and St. Regis formations of the Ravalli Group in the United States (Winston, 1986) In the Purcell Mountains, the Creston Formation comprises three main subdivisions: a basal silty succession of thin-bedded grey to green siltite and argillite, a middle succession of mauve, green and grey, thin to medium bedded siltite quartzite and quartz arenite, and an upper succession of intermixed green argillaceous siltite and minor quartz arenite (Hoy, 1993).

Overlying the Creston Formation is the Kitchener Formation which is dominantly a carbonate unit between the Creston Formation and overlying siltites of the Van Creek Formation. It correlates with Empire and Helena Formations in western Montana (Winston, 1986) and the middle part of the Siyeh Formation in the Galton and Clark Ranges (Price, 1964). The formation is divisible into two members, a lower green dolomitic siltite and an upper dark grey, carbonaceous, silty dolomite and limestone (Höy, 1993).

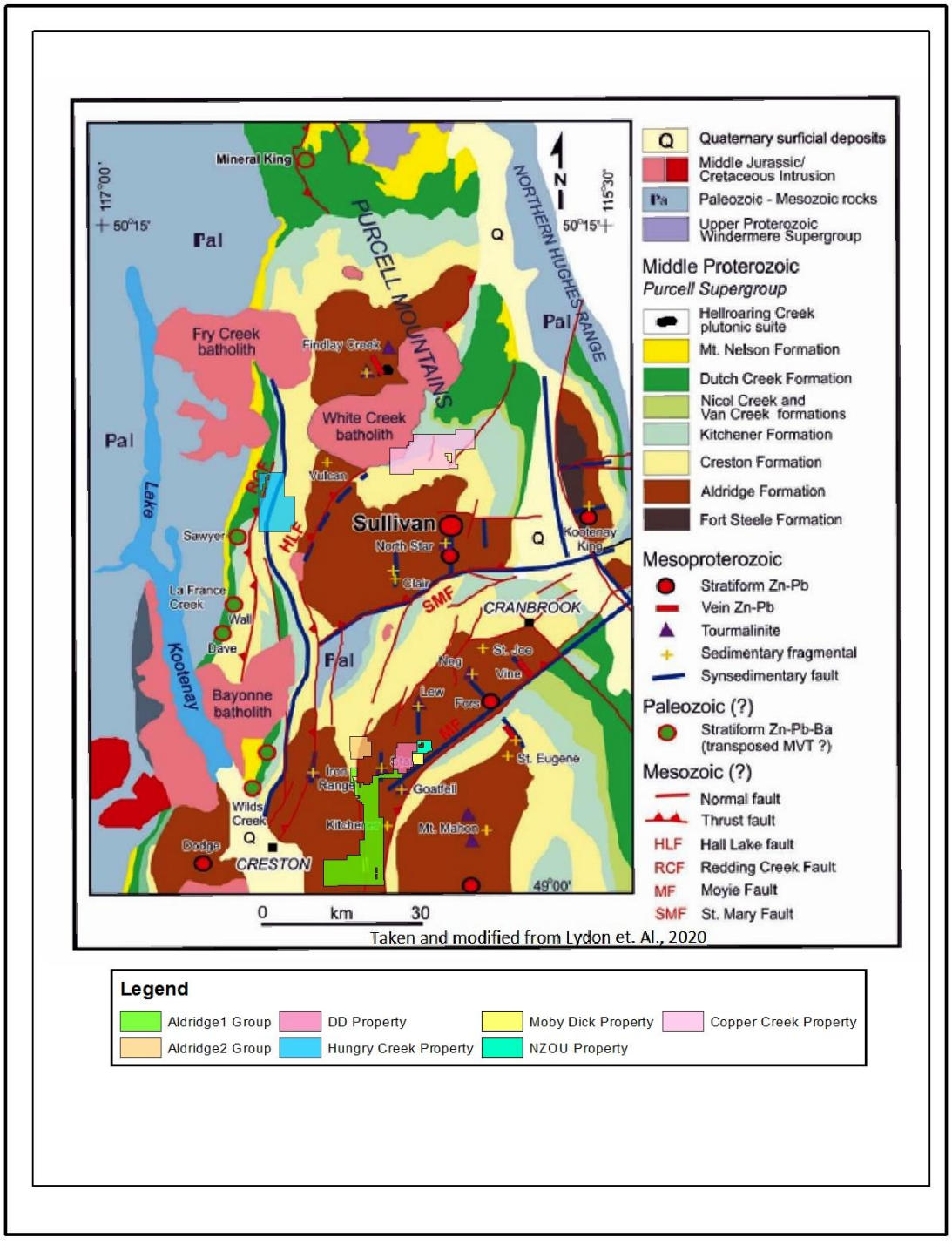


Figure 4. Regional geology map with DLP Projects shown, including Hungry Creek.

5. Property Geology

The claims are underlain by sedimentary units belonging to the Mesoproterozoic Purcell basin (Figure 5). They include clastic and lessor carbonate rocks with minor mafic sills. The basal unit on the property is the deep water, quartzitic Aldridge Formation which is overlain by shallow water clastic rocks of the Creston Formation which in turn are overlain by platformal Kitchener Formation clastic and carbonate rocks.

The property is along the west limb of the Purcell anticline, a broad northerly plunging fold structure which cores the Purcell basin. Beds generally strike NNE/SSW and dip moderate to steeply west. The property is bracketed to the west by the NNE trending Redding Creek Fault and to the east by the NNE trending Hall Lake Fault.

The area has been intruded by a number of mid-late Cretaceous granitic bodies which seal the major NNE faults.

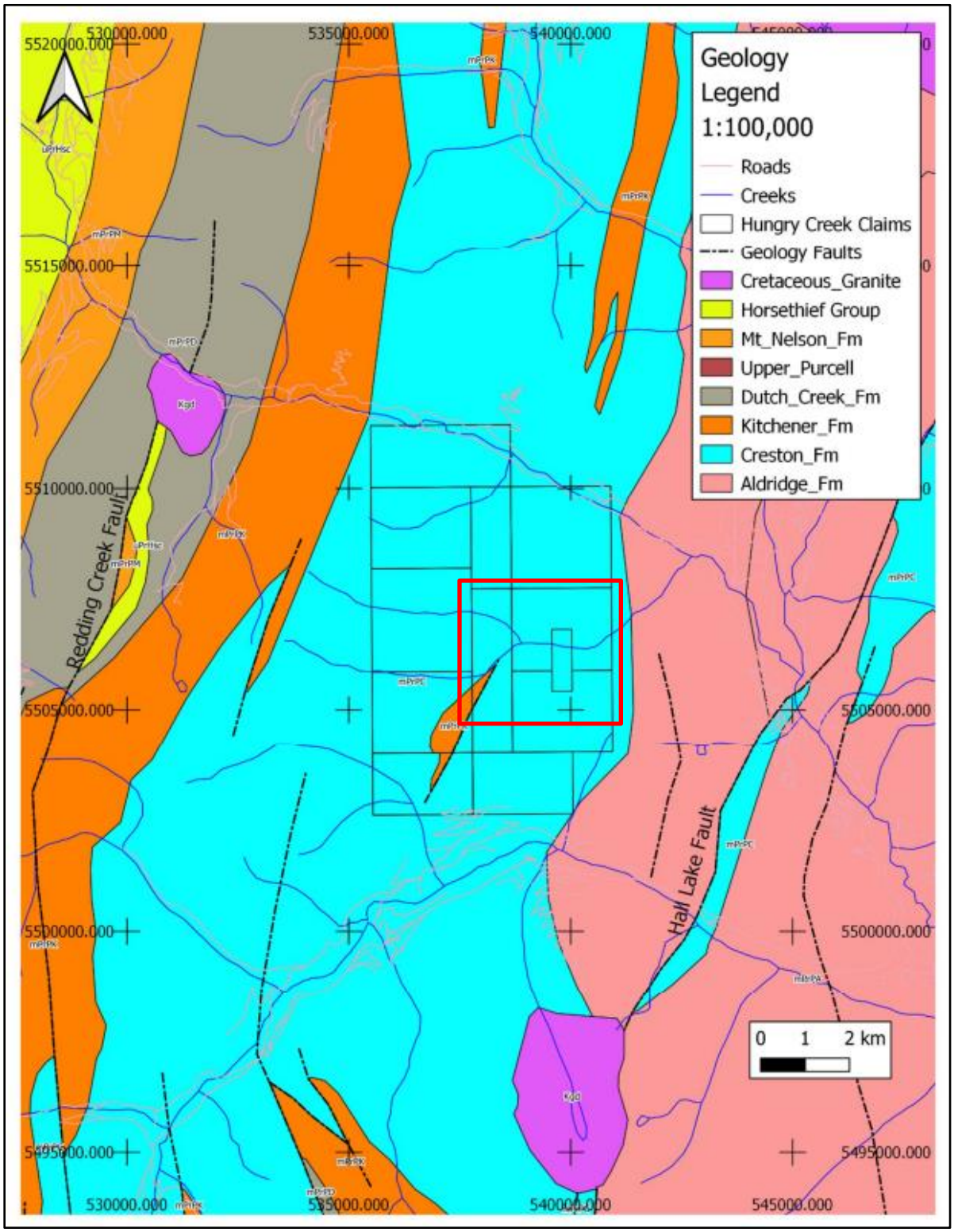


Figure 5. Geology map over Northern Hungry Creek Project with red inset – Figure 6, for detail area of drilling.

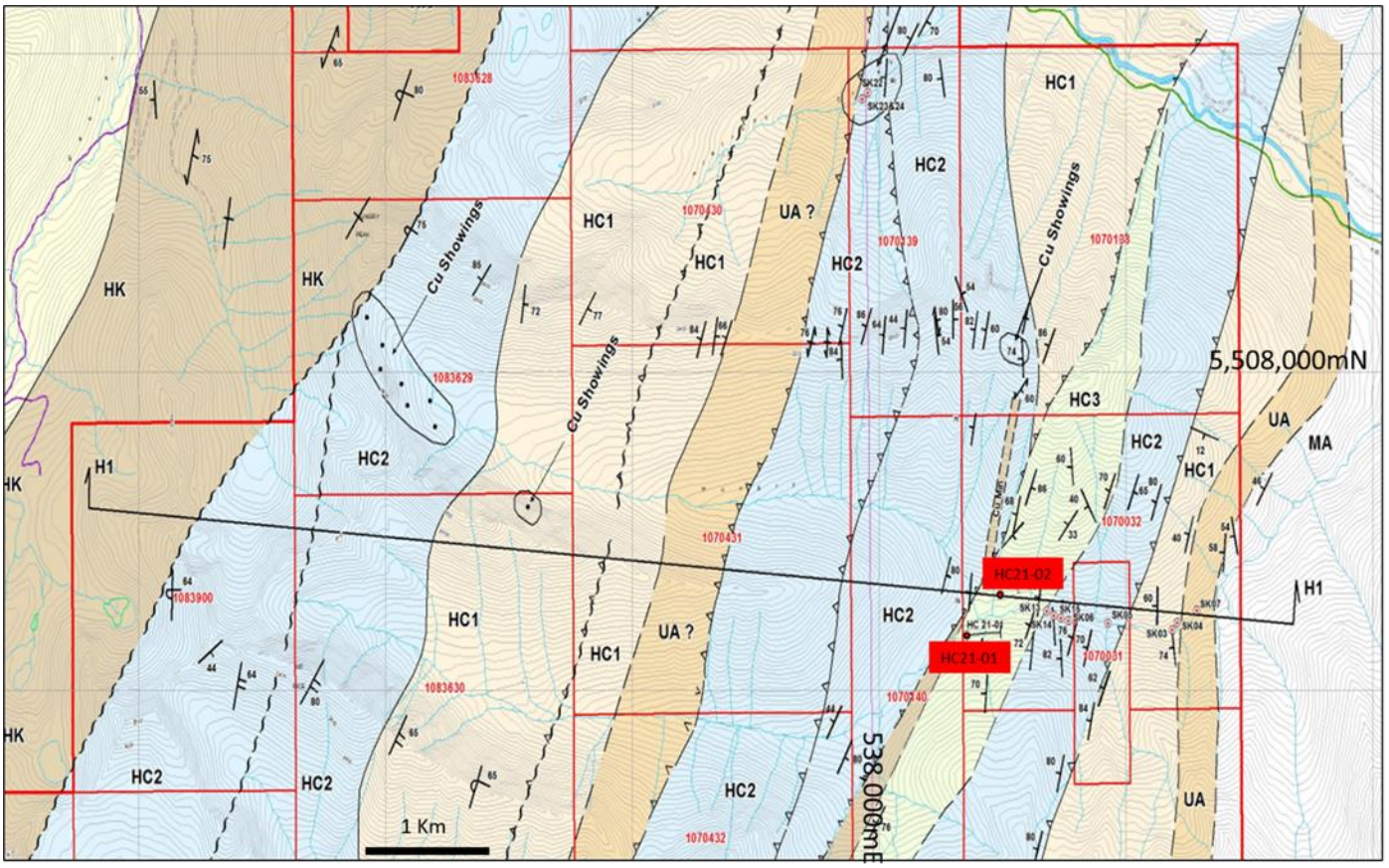


Figure 6. Hungry Creek Geology on Northern Block with 2021 Drill Holes shown in Red (see Figure 7 for Legend)

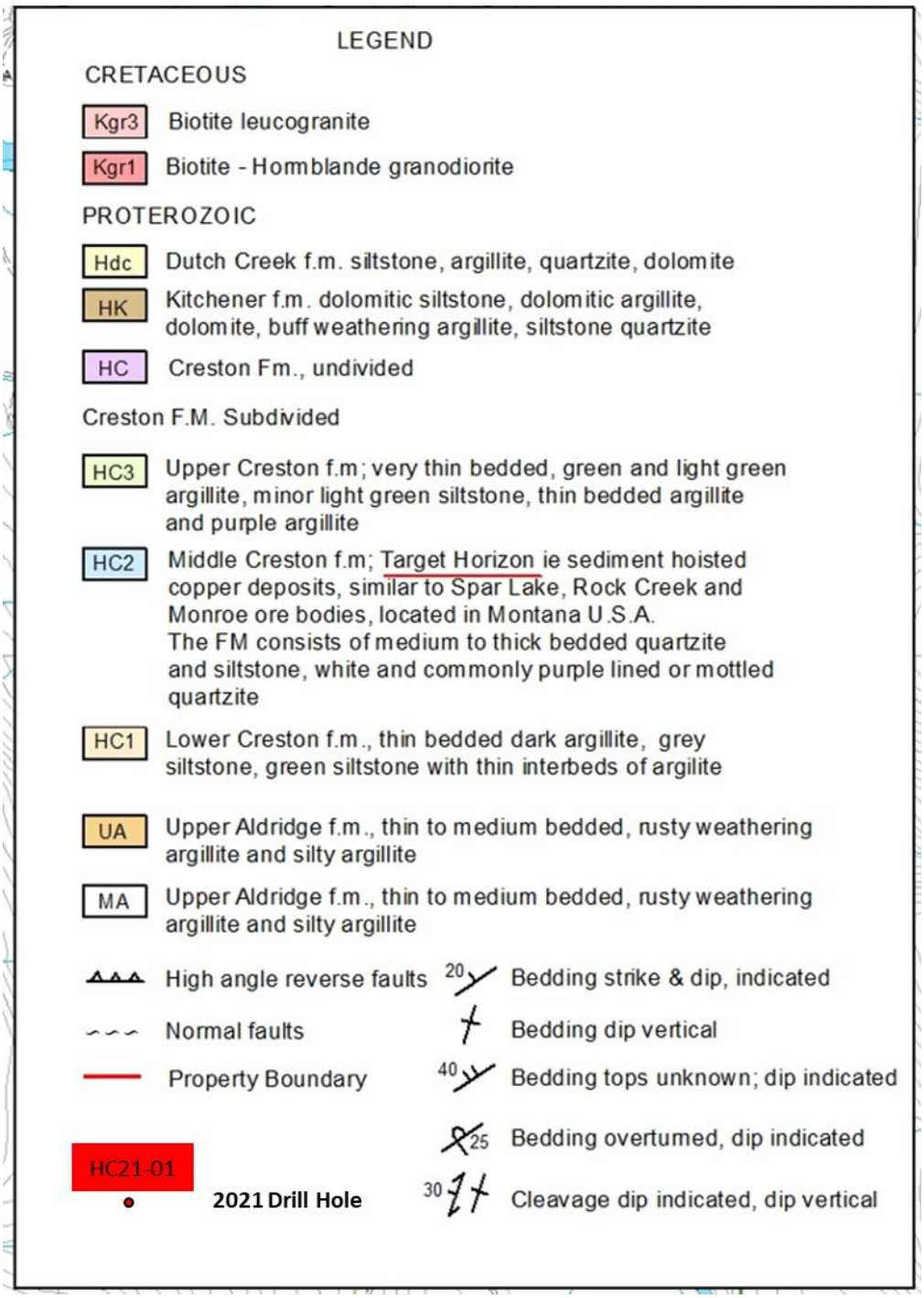


Figure 7. Hungry Creek Geology Legend for Figure 6

6. Drilling

Drilling of HC21-01 and HC21-02 commenced on the Hungry Creek property on July 24, 2021, and ended on August 03, 2021. The two holes were drilled where a Very Low Frequency (VLF) electromagnetic and magnetic ground geophysical program completed in 2020 identified three principal conductive anomalies, two of which were near the massive sulphide float boulders seen in Hungry Creek (Figure 8).

6.1 HC21-01

HC21-01 commenced on July 24 and was completed to 358.73m on July 28. Drilling commenced in Upper Creston green argillites with strong sericite alteration with magnetite disseminated in various intervals to 286.67m. Pyrite occurs in minor amounts as cubic crystals along laminations and disseminated within the argillite to end of the hole. No copper mineralization was encountered going through the VLF conductor which was targeted (see Figure 8).

6.2 HC21-02

HC21-02 commenced on July 30 and was collared in Upper Creston argillites at approximately the same interval of sericitized argillites with pyrite encountered in HC21-01. The hole was completed on August 03, at 467.85m.

Pyrrhotite is dominant through the hole with trace chalcopyrite and occasional veinlet with sphalerite (ZnS) seen at 218.70m. Minor dolomitic zones occur through the silty quartzites at 240m with a well-developed chloritic zone also developed from 254.14 to 275.20m. The first major quartzite unit was intersected at 293.75m and extended to 307.20m. Pyrrhotite and trace chalcopyrite mineralization was visible in the silty argillites and thin bedded quartzite units down to the second quartzite at 371.63m. This medium bedded quartzite unit is 8.87m thick with no mineralization. Light grey silty argillites extend below the quartzite to 393.65m. Below the light grey argillites are thin bedded green argillites with chlorite-sericite alteration and abundant pyrrhotite and moderate pyrite with occasional magnetite down to end of hole at 467.85m. No significant copper related mineralization was observed (see Figure 8).

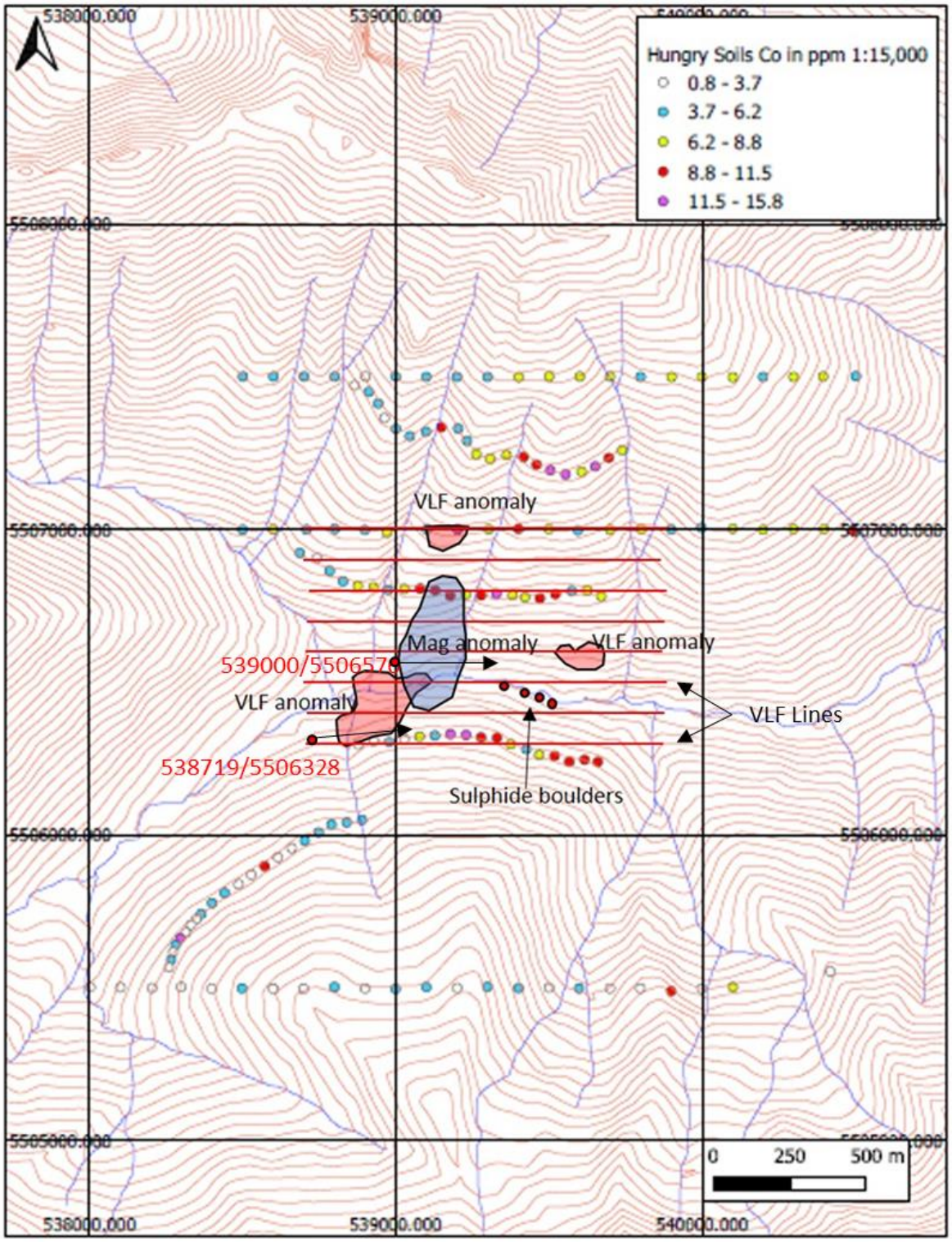


Figure 8. Hungry Creek – Drill holes shown in red on topography with VLF geophysical anomaly and magnetic anomaly with Co in soils.

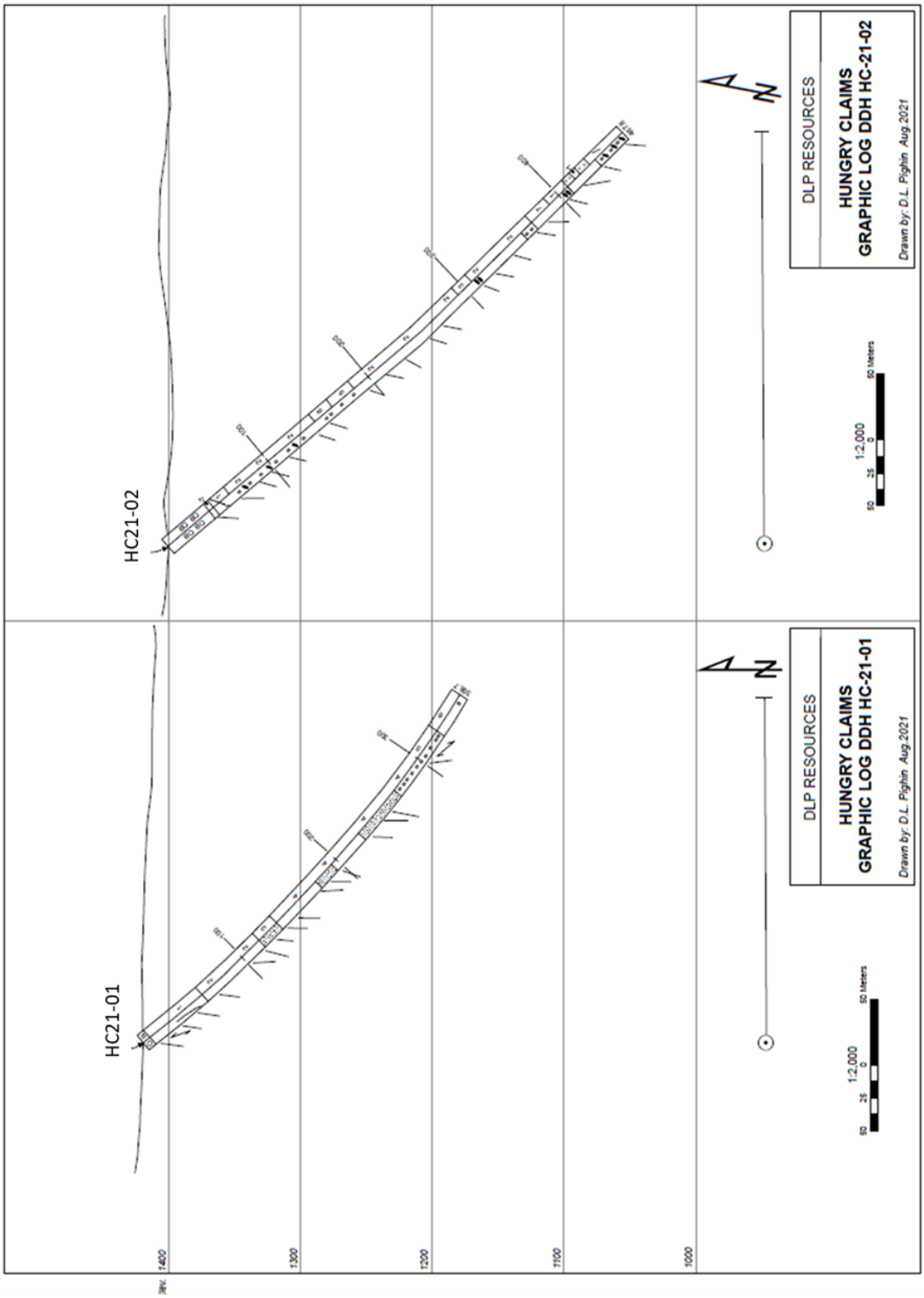


Figure 9. Hungry Creek Section H1 – WNW to ESE showing 2021 Drill Holes on Upper Creston Formation (see Figure 10 – Legend & See Appendix 1)

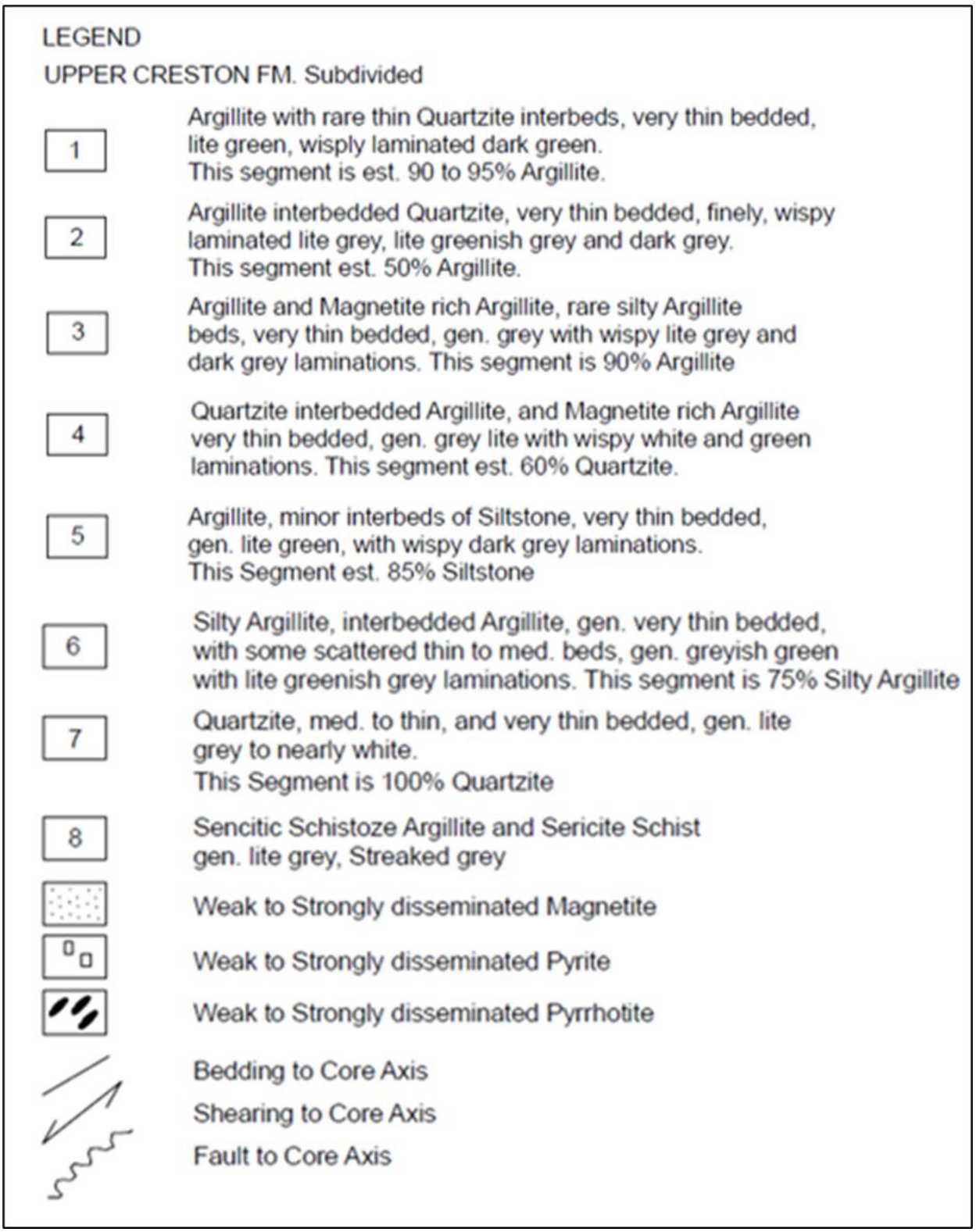


Figure 10. Hungry Creek Section H1 Legend for Figure 9.

7. Summary and Conclusions

Drilling of Holes HC21-01 and HC21-02 on the Hungry Creek Property in July and August of 2021 tested a VLF geochemical anomaly near to massive sulphide boulders seen in the Hungry Creek drainage.

The two holes were drilled in upper Creston Formation rocks to depths of 358.7m and 467.8m and did not intersect copper-cobalt mineralization identified previously in float boulders along Hungry Creek. The drill hole information did however assist with the understanding of the geology and further prospecting to the west and south of the area drilled was successful in identifying a significant package of visible copper mineralized middle Creston quartzites (MC2) within the Belt-Purcell Basin.

It is proposed that additional prospecting and geochemical sampling be conducted in the mineralized middle Creston Formation quartzites further to the west and south of the current drilling.

8. Statement of Expenditures

STATEMENT OF EXPENDITURES
HUNGRY CREEK PROPERTY
Helicopter Supported 2021 Drill Program

STATEMENT OF EXPENDITURES		
HUNGRY CREEK PROPERTY		
Helicopter Supported Drill Program		
Holes HC21-01 (358.8 m) and HC21-02 (467.9 m)		
July 1 to August 31, 2021		
	Details	**$ Paid**
WAGES:		
I.Gendall - Company Geologist		
Program Planning; Core Logging; Geological Interpretation; Supervision		
10 days @ $600/day	July & Aug/21	$6,000.00
GEOLOGICAL CONTRACTOR:		
High-Grade Geological Consulting, Cranbrook, BC		
Core Logging; Graphic Logs, etc.		
12.5 days @ $515/day	July & Aug/21	$6,437.50
- (Inv.2021-12 = 6 days & 2021-13 = 6.5 days)		
DRILL CONTRACTOR:		
FB Drilling/638446 BC Ltd., Cranbrook, BC		
Total metres drilled: 3,629.6 m		
Hole HC21-01 - 358.8 m	July/21	$51,975.41
- (Inv DLP21-10)		
Hole HC21-02 - 467.9 m	Aug/21	$55,975.70
- (Inv DLP21-11)		
HELICOPTER CONTRACTOR:		
Bighorn Helicopters Inc., Cranbrook, BC		
Inv. 2271 - 13.6 hrs @ $1400/hr & 6.6 hrs @ $2600/hr &		
2.0 hrs @ $2400/hr	July 23-31,2021	$41,000.00
Inv. 2272 - 1.6 hrs @ $2400/hr	July 26/21	$3,840.00
Inv. 2273 - 7.8 hrs @ $1400/hr & 2.9 hrs @ $2600/hr	Aug 1-4,2021	$17,960.00

LABOUR/CORE SAMPLING/CORE BOXES/CORE RACK:		
EK EXPEDITING SERVICES (B.Collison), Cranbrook, BC		
Pick up & deliver core, handle core, move to storage, etc.		
8 days @ $300/day	July & Aug/21	$2,400.00
- Inv. 568225 = 5d & 568226 = 3d		
Vehicle Rental		
4 days @ $212.10/day	July & Aug/21	$848.40
- Inv. 568225 = 3d & 568226 = 1d		
DRILL/HELI PAD BUILDER:		
Cable's, Elko, BC		
- Inv.2021-11	July/21	$2,560.00
LUMBER FOR PADS:		
Bear Lumber, Cranbrook, BC	July/21	$4,206.38
- Inv. 7440		
CORE SHACK & FIELD OFFICE RENT:		
High-Grade Geological Consulting, Cranbrook, BC		
- Inv. 2021-12	July/21	$450.00
- Inv. 2021-13	August/21	$450.00
MAPS & REPRODUCTIONS:		$860.00
REPORT WRITING		$1,200.00
	TOTAL =	**$196,163.39**

9. References

Brown, D. L., Macleod, R. F. and Wagner, C. L., 2011. Geology, St. Mary lake, British Columbia, Geological Survey of Canada open file 6308, scale 1>50000.

Cook, F.A., 2020. Processing and Interpretation of Ground Geophysical Data (VLF-EM and Magnetics) in the Hungry Creek Area, Southeastern British Columbia. Internal Report for DLP Resources Inc.

Hoy, T. 1993 Bulletin 84, Geology of the Purcell Supergroup in the Fernie W-Half Map Area, Southeast BC; BCEMPR, 157 pages.

Kennedy, S., 2020. Report on prospecting, rock, soil, silt geochemistry, ground geophysics and reprocessing of airborne geophysics Hungry Creek Property. Assessment Report for DLP Resources Inc., 94 pages.

Price, R.A. The Precambrian Purcell System in the Rocky Mountains of Southern Alberta and British Columbia; Bulletin of Canadian Petroleum Geology, Volume 12, Pgs. 399-426. 1964.

Winston, D. Upper Belt-Purcell Stratigraphy, A Guide prepared for Field Trip #3, Metallogeny of the Belt-Purcell Basin, Workshop at Cranbrook,1994.

Statement of Qualifications – D. L. Pighin

I, David L. Pighin, P. Geo. do hereby certify that:

1. I am a self-employed consulting geologist whose office is at Hidden Valley Road, Cranbrook, BC. Mailing address is 301 8th Street S. Cranbrook BC, V1C 1P2.

2. I am a member in good standing of the Association of Professional Engineers and Geoscientists of the province of British Columbia.

3. I have been actively involved in mining and exploration geology, primarily in the Province of British Columbia, for the past 50 years.

4. I was employed by Cominco Ltd. for 24 years, first as a prospector, then as an exploration technician, and finally as an exploration geologist.

5. Since 1989, I have worked for numerous junior exploration companies.

6. I have worked as an exploration geologist in BC, the Yukon, the NWT, New Brunswick, in most of the western United States and Mexico.

7. I have designed numerous diamond drill programs small and large (>2 million dollars).

8. I have planned and managed numerous exploration programs designed to find deposits of base metals, tungsten, molybdenum, gold, diamonds, and rare earth metals.

Dated this 22 Day of June, 2020

Dave L. Pighin

APPENDIX 1

CONTENTS:


Figure 2
DLP RESOURCES INC.
Hungry Creek
Geology Map
Projection: Nad 83 Zone 11 UTM
File No: HungryCreekGeologyMap50
Date: November 23/2021
Cu Showings
KIANUKO PARK
LOCKHART CREEK PARK

Location & Assays for large Cu, Co, rich float boulders

Re: Hungry Creek

Sample No.	PPM Co	PPM Cu %	PPM Ag	PPM As	PPB Au
SK03	1251.4	150.0ppm	0.16	305	0.066
SK02	1595.9	0.46%	1.85	452	85.5
SK04	21.8	4.6%	50.7	44.8	0.855
SK05	1119.0	82ppm	0.31	217.8	33.6
SK06	1835.1	5.0%	25.2	435.9	1.486
SK13	1447.8	143ppm	2.42	3557.8	351.2
SK15	1044.1	0.48ppm	0.67	1168.7	343.1
SK07	105.7	0.170%	1.23	9.7	5.8

Flat Rock Creek

	Co ppm	Cu %	Ag ppm	As ppm	Au ppb
SK22	130.0	1.86%	33.0	90.0	55.3
SK23	45.1	2.68%	206.0	28.0	0.1165
SK24	50.1	4.06%	16.8	44.0	0.90

LEGEND

CRETACEOUS

- Kgr3 — Biotite leucogranite
- Kgr1 — Biotite - Hormblande granodiorite

PROTEROZOIC

- Hdc — Dutch Creek f.m. siltstone, argillite, quartzite, dolomite
- HK — Kitchener f.m. dolomitic siltstone, dolomitic argillite, dolomite, buff weathering argillite, siltstone quartzite
- HC — Creston Fm., undivided

Creston F.M. Subdivided

- HC3 — Upper Creston f.m; very thin bedded, green and light green argillite, minor light green siltstone, thin bedded argillite and purple argillite
- HC2 — Middle Creston f.m; Target Horizon ie sediment hoisted copper deposits, similar to Spar Lake, Rock Creek and Monroe ore bodies, located in Montana U.S.A. The FM consists of medium to thick bedded quartzite and siltstone, white and commonly purple lined or mottled quartzite
- HC1 — Lower Creston f.m., thin bedded dark argillite, grey siltstone, green siltstone with thin interbeds of argilite
- UA — Upper Aldridge f.m., thin to medium bedded, rusty weathering argillite and silty argillite
- MA — Upper Aldridge f.m., thin to medium bedded, rusty weathering argillite and silty argillite

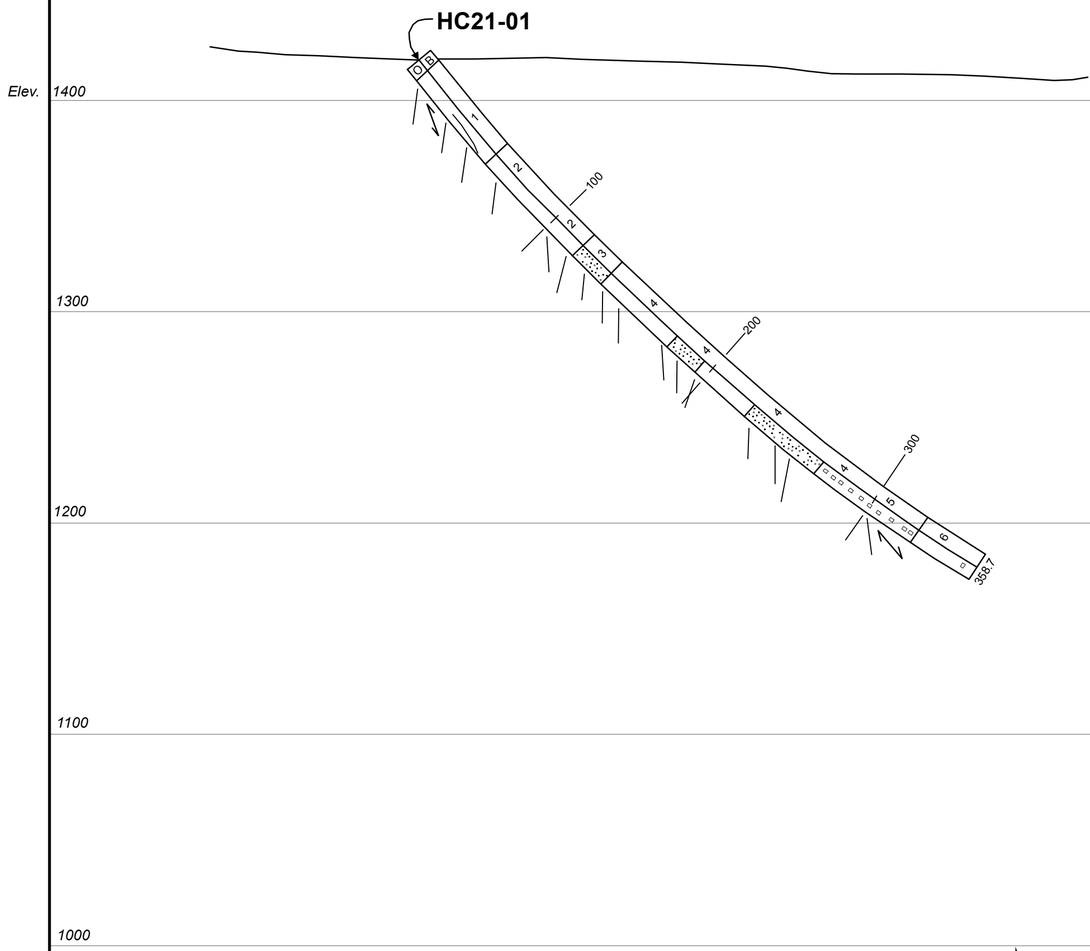
- High angle reverse faults
- Normal faults
- Property Boundary
- Geopoints 2021
- Lab Samples
- Vein
- 20 — Bedding strike & dip, indicated
- Bedding dip vertical
- 40 — Bedding tops unknown; dip indicated
- 25 — Bedding overturned, dip indicated
- 30 — Cleavage dip indicated, dip vertical
- Foliation

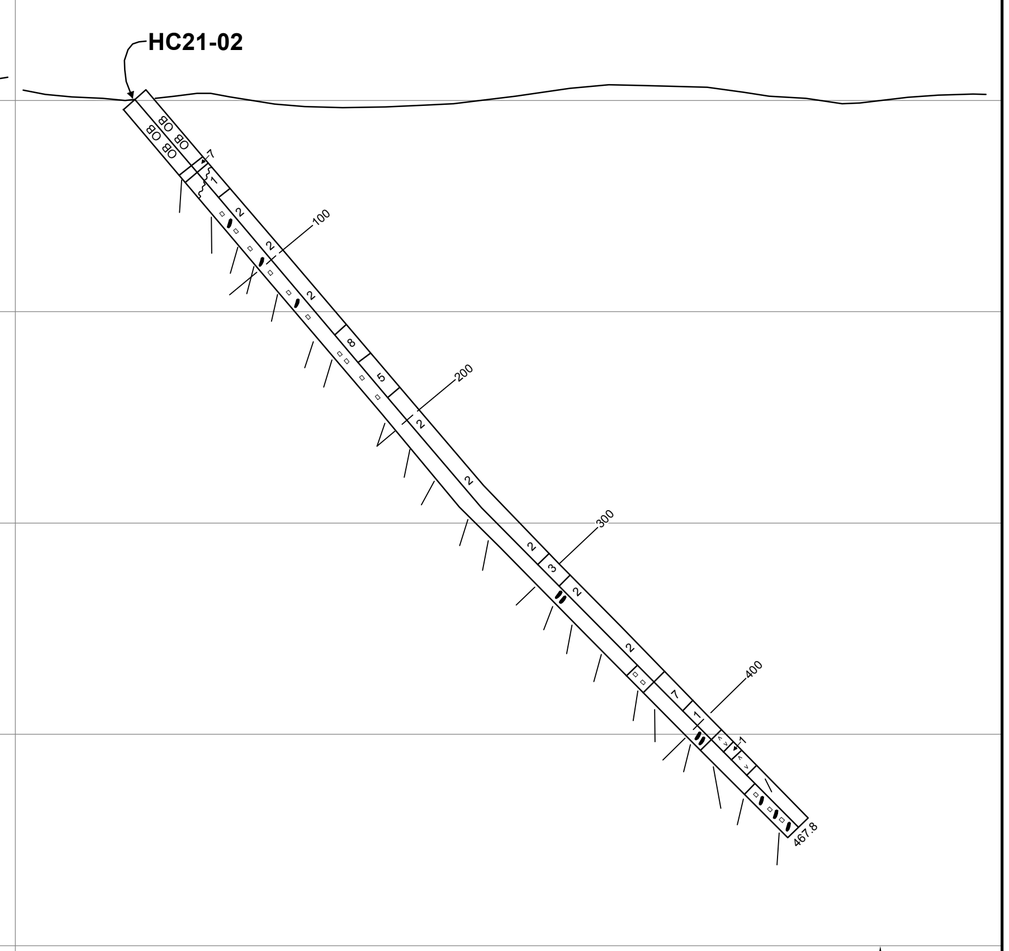
Legend

- Hungry Creek Property
- Survey Parcels
- Recreation Trails
- Water
- Transmission Lines
- Minor Contours
- Major Contours
- Forest Service Road
- Road Permit
- Unpaved Roads
- Paved Roads
- Trails
- Water Bodies
- Wetlands
- Right of Ways
- Private Land
- BC Parks & Protected Areas

Figure 3
Legend for Figure 2

Figure 9





1:2,000
50 25 0 50 Meters

DLP RESOURCES

HUNGRY CREEK
GRAPHIC LOG DDH HC-21-01

Drawn by: D.L. Pighin Aug.2021

1:2,000
50 25 0 50 Meters

DLP RESOURCES

HUNGRY CREEK
GRAPHIC LOG DDH HC-21-02

Drawn by: D.L. Pighin Aug.2021

LEGEND

UPPER CRESTON FM. Subdivided

1 — Argillite with rare thin Quartzite interbeds, very thin bedded, lite green, wisply laminated dark green. This segment is est. 90 to 95% Argillite.

2 — Argillite interbedded Quartzite, very thin bedded, finely, wispy laminated lite grey, lite greenish grey and dark grey. This segment est. 50% Argillite.

3 — Argillite and Magnetite rich Argillite, rare silty Argillite beds, very thin bedded, gen. grey with wispy lite grey and dark grey laminations. This segment is 90% Argillite

4 — Quartzite interbedded Argillite, and Magnetite rich Argillite very thin bedded, gen. lite grey with wispy white and green laminations. This segment est. 60% Quartzite.

5 — Argillite, minor interbeds of Siltstone, very thin bedded, gen. lite green, with wispy dark grey laminations. This Segment est. 85% Siltstone

6 — Silty Argillite, interbedded Argillite, gen. very thin bedded, with some scattered thin to med. beds, gen. greyish green with lite greenish grey laminations. This segment is 75% Silty Argillite

7 — Quartzite, med. to thin, and very thin bedded, gen. lite grey to nearly white. This Segment is 100% Quartzite

8 — Sencitic Schistozc Argillite and Sericite Schist gen. lite grey, Streaked grey

Weak to Strongly disseminated Magnetite

Weak to Strongly disseminated Pyrite

Weak to Strongly disseminated Pyrrhotite

Bedding to Core Axis

Shearing to Core Axis

Fault to Core Axis

Figure 10

DLP\HungryCreek\HungryCreek_GraphicLog_DDH_HC21_01_02 March 28/2022

DRILL HOLE RECORD

PAGE #: 1 of 7

PROPERTY: Hungry Creek		HORI. COMP: 278.39	HOLE#: HC 21-01
LOCATION: Hungry crk, St. Marys River Drainage -		VERT. COMP: 226.24	LENGTH: 358.73 Meters
COMMENCED: July 24, 2021	COMPLETED: July 28, 2021	CORR. DIP: Ave. Dip = 39.1°	
COORDS: Long.	Lat.	TRUE BEARING:	DRILL CONTRACTOR: F&B Drilling
COORDS: UTM (E) 538719.71	(N) 5506328.5 (EL)	% RECOVERY: 100%	CORE SIZE: NQ
COORDS: Grid (E)	(N) (EL)	LOGGED DATE: July	CASING: 6.10 Meters
ELEVATION: 1420.0 meters	COLLAR: Dip: -48 Azi: 075	LOGGED BY: D. L. Pighin	CORE STORAGE: Vine Property

OBJECTIVE: To test Cu + Co mineralization

SURVEYS: Depth: Dip: -48 Azi: 075 Type:

Additional SURVEYS:

Depth:	Dip:	Azi:
100.0	43.3	077.7
340	34.9	087.3

Imperial ☐ Metric ☐

From	To
6.10	57.0

LITHOLOGY: Mainly Argillite, with rare thin Quartzite enterbeds.
This interval est 95% Argillite (1)

COLOR: lite green, wispy finely laminated dark green

PRIMARY STRUCTURE: Very thin bedded, Beds are gen. less than a cm. thick, Bedding is distinct and very wispy and lenticular, Bedding is rarely disrupted locally by Soft Sed. Slumping.
Bedding to C/A @ 12.5 = 45°, @ 26.5 = 49, @ 48.0 = 47°

TECTONIC STRUCTURE: 16.8 to 17.2 Shear Zone cuts C/A @ 15°

GENERAL ALTERATION: Argillite Beds are gen. altered to very fine sericite, that is speckled by widly scattered tiny specks of Limonite after dolomite, 28.0 to 30.0 late Silicification.
In gen. the Argillite is widly specked by tiny specks of Dolomite Sericite, Can weather to Limonite specks, and also is widely scattered tiny specks of Sericite-Quartz.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:
Small 1cm or less wispy-lency Quartz-Carbonate minor Chlorite Veins and Boudins are widely scattered through-out this interval.
@ 30.79, 10cm thick Barren Qtz. Vein is parallel to Bedding, some associated Chlorite & Carbonate.
@ 33.0 " " " " " " " " " " " "

SAMPLE#	From	To	Length					

✓

ADDITIONAL OBSERVATIONS:

~~30.5~~ 18.2

Drill Hole Record:

HOLE #: H.C. 21-01

From	To	
57.0	73.6	LITHOLOGY: Argillite interbedded Quartzite This interval is approx 50% Argillite. 2 This interval
		COLOR: Wispy laminated, lite grey, lite greenish grey & dark grey, rare green & lite green intervals
		PRIMARY STRUCTURE: Very Thin Bedded, Beds are 5cm. less Then 1 cm thick, Bedding is distinct, and lenticular, with some local Soft Sed. deformation.
		Bedding to C/A @ 68.5 = 50°
		TECTONIC STRUCTURE: Nil
		GENERAL ALTERATION: Thin Argillite interbeds are totally altered to white Sericite, Quartzite interbeds are intensely Silicified with some weak Sericitization.
		MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

Page # 3 of 7

HOLE #: HC. 21-01

From	To	LITHOLOGY:
73.6	118.9	Quartzite interbedded Argillite this interval is 55% Qtzite

COLOR: Lite green wispy laminated dark green.

PRIMARY STRUCTURE: as discribed from 57.0 to 73.6

Bedding @ 98.7 = 43°; @ 115.7 = 60°

TECTONIC STRUCTURE:

GENERAL ALTERATION: as discribed from 57.0 to 73.6

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

Some widely scattered Qtz-chlorite veins gen parallel to Bedding
Thes vein are Barren, and rarely more then 1 cm thick

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

Page # 4 of 7

HOLE #: HC. 21-01

From	To	
118.9	135.6	LITHOLOGY: Argillite, Magnetite Rich Argillite, more Silty Argillite interbeds This interval is 90% Argillite (est.)
		COLOR: Grey, with thin wispy lite grey & dark gray laminations
		PRIMARY STRUCTURE: Very thin Bedded, Beds are rarely more than a cm. thick Bedding is distinct, wavy & wispy
		Bedding to C/A 124.0 = 50°
		TECTONIC STRUCTURE:
		GENERAL ALTERATION: The Argillite is mainly altered to Sericite, that weakly spotted by late Sericite & locally chlorite
		MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					
	119.4	120.09		Finely diss. Magnetite 20+% by Vol.				
	125.4	126.7		Disseminated Magnetite x+Ls. 3% to 4% by Vol.				
	129.0	140.3		" " " 2% to 3% by Vol.				
	133.6	134.8		" " " 1% to 2% by Vol.				

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: H.C.21-01

From	To
135.6	289.3

LITHOLOGY: Quartzite interbedded Argillite (Magnetic Unit-4)
This interval est. 60% by Vol Quartzite

COLOR: Lite grey, thinly wispy laminated, white + green

PRIMARY STRUCTURE: Very thin Bedded with Some Thin Beds, Bedding is distinct, Wavy to wispy and lenticular, Quartzite Beds are Very fine grained

Bedding to C/a @ 139.0 = 50°, @ 160.5 = 50°, @ 179.5 = 45°, 188.0 = 52°, @ 198.0 = 58°, @ 231.3 = 52°, @ 247.7 = 50°, @ 264 = 60°

TECTONIC STRUCTURE: 202.4 to 203.8 Barren Quartz-Chlorite Breccia Zone developed parallel to Bedding.

GENERAL ALTERATION: Argillite Beds are totally altered to fine white Sericite, Quartzite Beds are gen. Intensely Silicified, & Sericitized, and locally are chloritic, Some Hairline fractures are Strongly Chloritic, Late white Tiny Specks of Sericite, are widely scattered throughout all of the Sediments in this interval.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

179.6 to 179.8, diss. Magnetite xtls 1% by Vol.
194.4 to 194.8 diss. " " 2% to 3% by vol.
197.0 to 197.8 diss. " " 1% by Vol.
228.9 to 264.0 The Beds. are Continuously Magnetite hosting as very finely diss. tiny Specks and larger Euhedral magnetite xtls. Magnetite Content for this interval ranges between 3% and 7% est. by Vol. The Magnetite mineralization Stops @ 289.35, Then Transitions To Diss. Pyrite

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: HC. 21-01

From	To
289.3	326.8

LITHOLOGY: Argillite minor interbeds of Siltstone
This interval is 85% est. Argillite (5) ~~#~~ (1)

COLOR: Mainly lite green and lite green finely & wisply laminated dark green

PRIMARY STRUCTURE: Mainly Very thin Bedded with some thin Beds, The Beds are rarely more than 1 cm thick. Bedding is distinct, wavy & wispy

Bedding to C/A @ 304.7 = 54, @ 316.0 = 52

TECTONIC STRUCTURE: @ 308 thin Shear with gouge cut C/A @ 16°, @ 305.0 Shear zone 5cm thick Composed Mainly of Soft gouge, @ 315.5 thin shear zone cut C/A @ 16°

GENERAL ALTERATION: as previous discribed

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					

Weakly diss. Pyrite occurs Through out this Interval ranging 1% to 3% by Vol
But from 323.3 to 326.8 Pyrite is Strongly diss. ranging between 10% and 20% By Vol.
In the +10% Intervals the Pyrite occurs in Massive Sericite & Lesser Chlorite.

286.5 to 289.45 Small barren Quartz - Calcite Veins 4 only @ Range between 1Cm & 10 cm in Thickness
Veins Cut C/A Parallel to Bedding.

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: HC21-01

From	To	
326.8	358.73	**LITHOLOGY:** Mainly Silty Argillite, interbedded Argillite. 6 Interval is Est. 75% Silty Argillite
		COLOR: Gen. Greenish grey with lite greenish grey wispy laminations
END		**PRIMARY STRUCTURE:** mainly very thin bedded with some med. beds. Bedding is distinct, wispy and Lenticular
OF		Bedding to C/A @ 352.5 = 67° @ 351.6 = 57°
HOLE		**TECTONIC STRUCTURE:**
		GENERAL ALTERATION:
		MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					

351.25 to 353.1 Pyrite is relatively abundant as fine disseminations and large +1cm Blebs.

ADDITIONAL OBSERVATIONS:

DRILL HOLE RECORD

PAGE #: 1 of

PROPERTY: Hungry

LOCATION: Hungry Crk

COMMENCED: July 30, 2021 COMPLETED: Aug. 3, 2021

COORDS: Long. Lat.

COORDS: UTM (E) 539000.00 (N) 5506576.00 (EL)

COORDS: Grid (E) (N) (EL)

ELEVATION: 1400 Meters. COLLAR: Dip: -50 Azi: 090

HORI. COMP: 319.0

VERT. COMP: 342.0

CORR. DIP:

TRUE BEARING:

% RECOVERY:

LOGGED DATE: July-August 2021

LOGGED BY: D.L. MCHIN

HOLE#: H.C. 21-02

LENGTH: 467.8 Meters

DRILL CONTRACTOR: F&B DRILLING

CORE SIZE: NQ

CASING: +17.0M

CORE STORAGE: VINE PROPERTY

OBJECTIVE: Test for Cu + Co MINERALIZATION

SURVEYS: Depth: Dip: Azi: Type:

Additional SURVEYS:

Depth:	Dip:	Azi:
35.0	-51.4°	-092°
102.0	-50.4	-91.7°
200.0	-48	-91.8°
307.0	-47	-94.4°
403.0	-46.7	97.2°
467.0	-45.4	97.0°

Imperial ☐ Metric ☐

From To

0 to 45.7

LITHOLOGY: 0 to 41.0 is overburn, 41.0 to 45.7 is Sericitic Quartzite.
This interval is 100% Quartzite (7)

COLOR: Gen. Lite grey nearly white, Some fine wispy White Concretion —

PRIMARY STRUCTURE: med. to thin and very Thin Bedded. Bedding is mainly indistinct.
The Quartzite appears to be Very fine Grained, But grain size may Be distroged by intense alteration
Bedding to C/A @ 45 = 42

TECTONIC STRUCTURE:

GENERAL ALTERATION: The rock is totally altered to aphanitic quartz, with diss. Sericite

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

41.5 to 44.5 finely diss. Pyrite + large Pyrite xtls 0.5% to 3% Est. Pyrite, associated with Pyrite mm. is 0.65% diss. Magnetite —

SAMPLE#	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: H.C. 21-02

From	To	LITHOLOGY:
45.7	61.0	Argillite, rare thin Siltstone interbed. This Interval is 90% Argillite (1)

COLOR: Lite green, with fine yellowish White, white + green laminations

PRIMARY STRUCTURE: Very thin Bedded, Bedding is distinct

TECTONIC STRUCTURE: 51.1 to 51.3 fault zone consisting Soft fault gauge, fault cut C/A @ 70° + cuts @ 62° @ , , @ 52.0 fault gauge cut C/A at 67°

GENERAL ALTERATION: The Argillite is totally Altered to lite green Sericite, widely Speckled by Lite White Sericite

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:	SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: HC 21-02

From	To	
61.0	146.3	LITHOLOGY: Argillite interbedded Quartzite Interval is approx. 60% argillite 2
		COLOR: Gen. lite green with wispy dark green & Yellowish green laminations
		PRIMARY STRUCTURE: Mainly very thin bedded, to thin Bedded, Bedding is distinct and Commonly wavy. Quartzite beds very fine grained.
		Bedding to C/A @ 63.0 = 39°; @ 85.0 = 55°, @ 98.0 = 50°, @ 113.9 = 53° @ 141.0 = 58°
		TECTONIC STRUCTURE: 130.4 to 131.0 Breccia Zone consisting Argillite Clasts in calcite matrix, with thin Band of Soft fault Gouge, Breccia is parallel to Bedding
		GENERAL ALTERATION: Argillite rock is totally altered to fine Sericite, Quartzite interbeds are intensely Silicified, and weakly Sericitic. Fine tiny white & grey Specks late Sericite are weakly diss. throughout all the Beds in this Interval
		MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Very weak diss. Pyrite & Pyrrhotite & rare Chalcopyrite; occurs locally throughout this interval, gen. less than 5% Sulphide.

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: HC 21-02

From	To
146.3	to 163.4

LITHOLOGY: Sericitic Schistose argillite, grading locally into Sericite Schist. (8)

COLOR: Lite grey streaked grey.

PRIMARY STRUCTURE: Gen. destroyed by alteration

Bedding or schistosity to C/A @ 156.5 = 57°

TECTONIC STRUCTURE:

GENERAL ALTERATION: Rock is totally altered to Schistose Sericitic Argillite and Sericitic Schist Speckled by tiny grey Sericite nodules.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Finely diss Pyrite can occur along the Plan of schistosity. This entervel will run less then 0.5% Pyrite

SAMPLE #	From	To	Length

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

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HOLE #: HC. 21-02

From	To	LITHOLOGY:
163.4	183.0	Siltstone interbedded Argillite Interval is approx 50% Siltstone (5)

COLOR: Gen. Grey, Banded + wispy Banded Dark grey.

PRIMARY STRUCTURE: Very thin Bedded, some thin Beds. Bedding is distinct, gen Wavy, lenticular. and distorted By Soft Sed. Deformation.

TECTONIC STRUCTURE: /

GENERAL ALTERATION: As previous described.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

Pyrrhotite & Very Specks Chalcopyrite occur locally throughout this interval as very weak diss. in Sedy. and also in irregular hairline fractures associated with Sericite. rare more than 0.03% Sulphides

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: H.C. 21-02

From	To	
185.0	293.7	**LITHOLOGY:** Argillite interbedded Quartzite minor Siltstone This interval is 60% Argillite. (2)
		COLOR: Gen. Green with lite and Dark green wispy laminations
		PRIMARY STRUCTURE: Gen. Very thin bedded, with Some thin + rarely med. bedded Quartzite, Bedding distinct wavy - Lenticular and distorted by Soft. deformation, See 255.0 to 259.5 = 55
		Bedding to C/A @ 194.0 = 68, @ 212.0 = 57, @ 233 = 70°, @ 255.0 = 63° @ 268.0 = 57°
		TECTONIC STRUCTURE:
		GENERAL ALTERATION: Argillite in General is altered to Sericite, and is commonly overprinted by relatively abundant small dark gray specks 1mm to 3mm in size, Consisten of Sericite to Muscovite See 209.4 to 210.0 Ri: good Muscovite, Quartzite interbeds are Gen Reticified and Sericitized, Locally Turned white by late intense Silicification: 268.0 to 270.5 totally altered to Coarsely xtln. Sericite
		MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: From 185.0 to 275.0 Pyrrhotite & Pyrite and Very rare Specks of Chalcopyrite are Very weakly diss. in local patches. @ 218.7 Very hair line fracture 1mm thick host Sphalerite and Sericite 293.8 to 294.0, Small irregular Dolomite 2mm to 9mm thick cut C/A parallel to Bedding.

SAMPLE #	From	To	Length

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

Gneiss

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HOLE #: HC 21-02

From	To	
293.7	to 307.2	LITHOLOGY: Meta-Quartzite (7) Interval is 100% Quartzite (est.) 303.0 to 303.7 Sericite-Dolomite-Quartz / Gneiss
		COLOR: Very Pale Lite green
		PRIMARY STRUCTURE: Massive NO Bedding, Grain size distroyed by metamorphism
		TECTONIC STRUCTURE: NIL.
		GENERAL ALTERATION: Intensely Silicified, with Some Sericitization
		MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					

303.0 to 303.7 Gneiss hosts 10% Pyrite By Vol.

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: H.C. 21-02

From	To	
307.2	371.6	**LITHOLOGY:** Mainly Argillite, minor interbedd Quartzite Interval est. 60% Argillite (2) 334.5 to 335.0 Dolomite - Sericite Gneiss
		COLOR: (Fresh Grey with dark grey, lite grey & greenish wisps Lamination, & locally green with Similar colored lenses
		PRIMARY STRUCTURE: Very thin Bedded, rarely Thin Bedded, Bedding is distinct, Wispy & Lenticular most of the Beds a 1cm or less thick, rarely 5cm to 10cm thick
		Bedding to C/A @ 311 = 63°, @ 325.3 = 63° @ 334.2 = 57°, @ 343.5 - 60°, @ 367.6 = 55°
		TECTONIC STRUCTURE: @ 348.3, 5cm thick gauge filled Shear set C/A @ 41°
		GENERAL ALTERATION: Argillite Beds gen. totally altered to Sericite, Quartzite Beds are gen. Intensely Silicified and Sericitic.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					

311.0 to 319.0 Pyrrhotite is Relatively Common but less then 0.3% by Vol. it occurs in hairline lenticular Layers parallel to Bedding and as Scattered irregular hairline fractures.

352.7 to 353.0 Some diss. Pyrite less then .02% by Vol.

360.0 to 371.6 Widely Scattered Specks + Blebs of Pyrite + Pyrrhotite

@ 371.1, Trace of Sphalerite occurs in hairline layer parallel to Bedding.

Note: It appears that Pyrite occurs with Silicification, & Pyrrhotite as most Common is the Argillite Beds.

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: A.C. 21-02

From	To	
371.0	390.4	**LITHOLOGY:** Quartzite interbedded Argillite Interval is 70% Quartzite 7
		COLOR: Pale Green
		PRIMARY STRUCTURE: Med to thin & Thick Bedded Quartzite, with Intervals of Very thin Bedded argillite Intense alteration has distoryed any evidence of grain size in Quartzite Beds. Bedding to C/A = @ 380.0 = 45°
		TECTONIC STRUCTURE:
		GENERAL ALTERATION: Intense Silicification & Sericitization
		MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: @ 378.1, 5cm thick Qtz. Vein w/ C/A @ 45° host minor Pyrrhotite Rare Pyrite also occurs in hair line Fracture through-out this interval

SAMPLE #	From	To	Length

ADDITIONAL OBSERVATIONS:

Gneissic

Drill Hole Record:

HOLE #: H.C. 21-02

From	To	
390.4	to 467.8	LITHOLOGY: Mainly Argillite, very rare thin Quartzite interbeds, Interval is 95% Argillite 393.2 to 396 Gneissic textured xtln Sericite + Quartz rock. ① 409.0 to 417.6 Altered Gabbro Sill (See below); 423.4 to 432.5 altered Gabbro Sill? See Below.
		COLOR: Lite greyish green, laminated Dark greenish grey.
END		PRIMARY STRUCTURE: Totally all Very thin Bedded, Bedding Plans are Sharp & Tabular.
OF		
		Bedding to C/A @ 404.0 = 59, @ 419.0 = 35° @ 433.0 = 53°, @ 439 = 57°, @ 466.6 = 50°
HOLE		TECTONIC STRUCTURE:
		409.0 to 417.6 Altered gabbro? consists of Calcareous med. xtln. Biotite, Plagioclase, & Quartz.
		423.6 to 432.5 altered Gabbro Consists of med. xtln Plagioclase, Epidote, Quartz and Calcite & trace thulite
		457.0 to 458.0 Shearing mainly @ 5° to C/A
		GENERAL ALTERATION: Argillite Beds are gen. totally altered to fine Sericite, & Weakly Spotted Late Specks of White Sericite

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:	SAMPLE #	From	To	Length
400.5 to 408.3 Pyrrhotite is relatively as thin wispy layers 1mm to 3 mm thick, some Scattered Small Blebs. est. 3% to 5% by Vol Pyrrhotite				
altered Gabbro Sills Host 0.5% to 1% Pyrite.				
409.8 to 409.94, Calcite Veinlets hosted in altered Gabbro Host Traces of Chalcopyrite.				
438 to 440.2 diss. Magnetite & Pyrite 0.3% to 1.0% by Vol. est. Magnetite + Pyrite. note: much of the Pyrite is encased in magnetite				
440.2 to 452.0 Widely Scattered weakly diss. Pyrite 0.01% to 0.03% est. Pyrite.				
452.0 to 452.45 Pyrrhotite is relatively abund. in Paper thin irregular paper thin Veinlets - est. 1.0% to 5% by Vol.				
452.45 to 460.3 Weakly diss. Pyrite, est. .02% to .04% Pyrite by Vol.				
460.3 to 461.0 Widely Scattered wispy pyrrhotite layers Parallel to Bedding. est 0.03% to 0.07%, Pyrrhotite				
461.0 to 464.0 Widely scattered Pyrite in tiny wispy Blebs est. 0.5% to 1.0% Locally.				
464.0 to 467.5 Relatively Abund. Pyrrhotite as 1mm to 3mm thick wispy layers parallel to Bedding. est. 1.0% to 3.0% Pyrrhotite by Vol.				

ADDITIONAL OBSERVATIONS: