A Reverse Circulation Drill Report on the DUBLOON Project
submitted as a TECHNICAL REPORT for YMEP Grant 20-002
on the DUBLOON Target Evaluation Module, Hardrock Type.

Drill holes conducted on the
RGS 5 Quartz Claim:
Project target is comprised of the RGS 1-10
YE71435-YE71444
And the DUBLOON 1-10, 12, 14, 16, 23-28
YE50101-YF50110, YF50112, YF50114, YF50116, YF50123-YF50128

All claims in Dawson Mining District
Owner: Gordon Richards

Location
115P/06
Camp on RGS 5 Quartz Claim at
UTM 378,050E, 7,030,390N,
NAD 83, UTM Zone 8

Field work performed under the supervision of
Gordon Richards
during the period July 12 to July 19, 2020

Report written by Gordon Richards

September 20, 2020

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TABLES

FIGURES

DIGITAL COPIES:
Report in pdf, Geochem results as xlsx and pdf Files, Tables 2 as xlsx File, and all Figures as jpg, pdf and BMP Files.

SUMMARY.

The project area was previously prospected with the aid of YMIP and YMEP grants awarded to G Richards and his partner Jeff Mieras in 2012, 2013, 2014 and 2016. The Dubloon Project is located on the northwestern base of slope of Pirate Mountain about 10 km southwest of Reid Lake and 50 km due west of Stewart Crossing within NTS map sheets 115P06. Refer to Figures 1 and 4. Three drill holes, drilled from a common setup were located at UTM 378,074/7,030,391 NAD 83, Zone 8, with the drill camp located 50 m west. The drill target was one of

four large multi-element soil anomalous zones occurring within the RGS-PIRATE-DUBLOON claim block. The zones are anomalous for Cu and Au defined by MMI soil samples collected at 100 m intervals along lines spaced 300 m apart. Two of these zones of anomalous Cu and Au are shown on Figure 2.

The nearly coincident patterns of anomalous Cu and Au that form the target selected for drill testing, measure about 3,000 m long by up to 1000 m wide with a large anomalous Mo zone (not shown on Fig 2) forming a central core. These patterns of anomalous metal values together with their size are highly suggestive of underlying porphyry mineralization. A drill site was chosen within this target adjacent to some of the higher Au and Cu MMI soil response ratios as a preliminary test for underlying mineralization.

A heli-portable reverse circulation drill was supplied by Subterra Exploration from Whitehorse to drill three percussion holes from one setup. A B2 helicopter of Great Slave Helicopters 2018 Ltd in Dawson was used for the move in on July 14, 2020 from an inactive gravel pit along the Klondyke Highway 5 km east of the McQuesten River bridge and the move out to the gravel pit on July 18, 2020.

Three holes of 265, 155, and 145 feet depth were drilled. Split samples were collected from five-foot runs. Rejects were collected into burlap bags and left on site. Volcaniclastics were encountered in all three holes. None of the expected Reid Lakes monzogranite was encountered but may exist beneath the volcaniclastics with the expected porphyry mineralization. Quartz veins of variable thickness were encountered in all three holes. All samples were assayed at Bureau Veritas in Vancouver, B.C., with no strongly anomalous metal values.

A Class I notification, Q2020_0114-C1Q00232, was obtained prior to the work starting and a Quarry Permit, #29, was obtained July 6, 2020 from Highways and Public Works for use of the gravel pit for staging the moving of drill and camp equipment in and out of the target site. All refuse was removed from the drillsite and campsite except for the burlap bags containing the reject samples. Leaving the burlap bags onsite was authorized by the Inspector in Mayo prior to beginning the project.

PREVIOUS WORK.

Porphyry targets on the RGS, DUBLOON, and PIRATE claims have been developed from YMIP and YMEP grants 12-020, 13-035, 14-051, 14-052, and 16-057 solely by geochemical results of MMI soil sampling. All this exploration work was carried out by G Richards and J Mieras. No previous claims or exploration work are known to have existed or been described in any available data base nor was any evidence of such seen during the course of the field work described below.

Work in 2012 was reconnaissance MMI soil sampling along random lines extending outwards from a helicamp a few km south of the DUBLOON claims. Work in 2013 was follow-up MMI soil sampling centered over a cluster of five MMI soils highly anomalous for Cu, Mo, and Au near the base of slope onto the extensive very gentle topography further west. Results provided four large Cu, Mo, ± Au geochemically anomalous targets open to the west and requiring further work.

In 2014 work began with staking the RGS 1-78 claims. The 2014 work then continued with MMI soil and black spruce twig sampling to develop the targets defined in 2013 and to begin exploring a second target identified in the 2012 work. The PIRATE porphyry target east of the RGS claim block was identified from this 2014 work. In 2016 the DUBLOON 1-60 and PIRATE 1-16 claims were staked followed by MMI soil and black spruce twig sampling of the DUBLOON claims. This work led to the identification of the DUBLOON porphyry targets. The black spruce twig sampling provided strong backup to MMI soil sampling on the PIRATE claims but limited usefulness elsewhere.

CLAIMS. Figures 1 and 3.

The property lies in the Dawson Mining District and is comprised of 138 claims within three contiguous claim blocks: RGS 1-78, PIRATE 1-16, and DUBLOON 1-34, 39-46, 51, and 53 all held by G Richards.

Table 1 is a list of all 138 claims forming the greater RGS property.

Table 1. Claim Status

Claim Name	Grant No.	Expiry Date
RGS 1-31, 33, 35, 37, 39-46, 53-66, 67-78	YE71435-YE71465, 467, 469, 471 YE71473-480, YE71487-500, YE71583-594	2020/06/18
RGS 32, 34, 36, 38 47-52	YE71466, 468, 470, 472 YE71481-486	2020/06/18
PIRATE 1-16	YF47051-YF47066	2021/06/25
DUBLOON 1-10,12,14 16, 23-28, 39, 40,42, 51 52, 54, 56, 58	YF50101-YF50160,112,114 YF50116,123-128,139,140,142,151 YF50152, 154, 156, 158	2021/06/17

The expiry date of the RGS claims has been extended by the Dawson Mining Recorder to 2021/06/18 in response to the Covid 19 pandemic. Work in

this report is to be used for filing work to extend expiry dates of all claims listed in Table 1.

The drill holes described in this report are situated within RGS 5.

GEOLOGY.

The target area lies within the Early Mississippian age Reid Lakes Batholith of the Yukon Tanana Terrane as shown on Figure 4. Note that the closest mapped exposures of Reid Lakes Volcaniclastics occur about 20 km east of the claim block.

The most detailed and recent geology map is provided by Canadian Geoscience Map 7, *Geology Southwestern McQuesten and parts of Northern Carmacks* by J.J. Ryan, M. Colpron, and N. Hayward at a scale of 1:125,000. *"Much of the Reid Lakes batholith (MgRL) comprises compositionally monotonous, coarse-grained, massive, quartz-phyric, biotite monzogranite. Only in close proximity to the Willow Lake fault is there a weakly developed fabric."* (from notes to Geoscience Map 7). The batholith has intruded its own volcanic pile. A copy of Geoscience Map 7 is provided as Figure 4 showing the location of the contiguous DUBLOON, RGS and PIRATE claim blocks.

South of the target area, the Willow Lake Fault is an important fault with significant movement. "*In the northeastern part of the map area, the Reid Lakes complex has escaped the regional deformation recorded in the Yukon-Tanana terrane south of Willow Lake fault. Rocks of the complex are only foliated in proximity to the fault and preserve evidence for metamorphism in the form of local chloritization of mafic minerals. The Willow Lake fault is well defined in the aeromagnetic data where it corresponds to a magnetic low, and truncation on anomalies. Although sense of displacement along the Willow Lake fault is unknown, the juxtaposition of the Reid Lakes complex next to intensely deformed and metamorphosed rocks to the south suggests an important (down-to-the-northeast) vertical component of displacement."* (from notes to Geoscience Map 7).

The Reid Lakes Batholith is a target for porphyry style mineralization. It has not undergone severe deformation and metamorphism providing targets that could be more or less intact. Results of previous soil geochemical surveys described above indicate the potential for porphyry style mineralization as indicated on Figure 2. The nearly coincident patterns of anomalous Cu and Au that form the target selected for drill testing, measure about 3,000 m long by up to 1000 m wide with a large anomalous Mo zone (not shown on Fig 2) forming a central core. These patterns of anomalous metal values together with their size are highly suggestive of underlying porphyry mineralization. A drill site was chosen within

this target adjacent to some of the higher Au and Cu MMI soil response ratios as a preliminary test for underlying mineralization.

The DUBLOON target lies in an area of expected shallow overburden because it is surrounded beyond the limits of the anomalous Cu-Au-Mo zones by small outcrops of monzogranite. No post mineral volcaniclastic cover rock was suspected in the area. The DUBLOON target was selected out of several targets on the RGS-DUBLOON-PIRATE claim block because of its size, expected shallow overburden, lack of known post mineral cover, and strong coincident anomalous Cu-Au-Mo in the MMI soil samples.

2020 RC DRILL PROGRAM.

Program.

Work in 2020 involved the **drilling of three reverse circulation holes** from one setup within the selected geochemical.

The following is a summary of work done on the claims in July, 2020.

July 8. Richards (flew to Whitehorse).
July 9-12. Picked up and bought supplies and equipment. Met with driller.
July 13. Drove to gravel pit, met drill crew, sorted gear and camped overnight.
July14. Flew to meadow 2 km from drillsite. Walked in with driller and cleared \\
area for drill and camp. Flew in drill and camp.
July 15. Drilled and sampled Hole #1 to 190 feet.
July 16. Drilled and sampled Hole #1 190 to 265 feet, Hole #2 to 70 feet
July 17. Drilled and sampled Hole #2 70 to 155 feet, Hole #3 to 145 feet.
July 18. Tore down and flew out camp and drill.
July 19. Sorted gear, shipped samples and returned equipment.
July 20. Richards (flew to Vancouver).
Chargeable days:
G Richards; July 11-19. 9 days
Driller, Mark Mooney; July 13-19, 7 days
Helper, Scot; July 13-19, 7 days

Procedure.

A Class I notification, Q2020_0114-C1Q00232, was obtained prior to the work starting and a Quarry Permit, #29, was obtained July 6, 2020 from Highways and Public Works for use of the gravel pit for staging the moving of drill and camp equipment in and out of the target site.

Subterra Exploration Ltd of Whitehorse, YT was contracted to conduct a reverse circulation drill program. The drill package had a total weight of 9600 lbs that could be broken down in order to be slung by 12 Jet Ranger loads or 5-6 Astar loads. An Astar B2 was used as it was more economical even though it had to be positioned from Dawson 105 km away whereas the Jet Ranger is available from

Mayo 60 km away. The drillsite was 24 km from the inactive gravel pit just south of Moose Creek that was used for staging.

The drill compressor had an output of 200 psi @ 300 cfm. With this system, the bore hole was drilled using hammer and crossover system and could attain depths of 330 feet although it was recognized that ground water, rock type, overburden depth, total hole depth, permafrost, and sample procedure can affect penetration rate and depth of hole. Hole diameter was 3.5 inches. 225 l of diesel were required per 10-hour shift.

Three holes were drilled from the same set up at UTM 378,074/7,030,391 elevation 590 m NAD83 Zone 8 as follows; hole #1 at -90 degrees; hole #2 at -60 degrees towards 354 degrees true; and hole #3 at -60 degrees towards 090 degrees true. Casing was set in bedrock varying from 25 feet in the vertical hole to 30 and 35 feet in the two angle holes. A five-foot interval was produced into a portable cyclone. The 3.5 inch bore hole yielded about 50 lbs of sample which was then poured through a triple tier riffle splitter that split the sample down to $1/8^{th}$ of the volume for analysis. During the splitting process a fist sized sample was collected in a kitchen sieve and washed in water to yield clean chips for visual examination. Chips were stored into chip trays for future examination. Reject samples were collected in burlap bags, labelled with a soil sample bag and left onsite to degrade with time.

Samples were tagged and given to Bureau Veritas Laboratories (BVL) representatives in Whitehorse for preparation at their prep lab. BVL prepared the samples using their PRP70-550 where a 1 kg sample was crushed to $\geq$70% passing 2mm followed by a 500gm sample pulverized to $\geq$85% of -75 microns and shipped the prepared samples to Vancouver for analysis. A 15-gm split was analyzed by BVL's AQ201 technique using a modified aqua regia digestion with an ECP-ES/MS analysis. This provided a 37-element analyses with a suitable detection limit on critical elements including 0.5 ppb Au, 0.1 ppm Cu, 0.1 ppm Mo, 0.1 ppm Ag, 0.5 ppm As, 0.1 ppm Bi, 0.1 ppm Sb, subject to solubilities of mineral species present.

Disturbance was minimal with a 60-foot diameter helipad cleared for set down of the helicopter and a 20-foot diameter clearing used for the drill. All equipment was removed from the property. All garbage and refuse of any type were removed to Whitehorse for proper disposal in their landfill except for the burlap bags mentioned above.

Results.

Table 2 below provides a description of geology encountered in the three holes.

No monzogranite of the Reid Lakes Batholith was encountered in any of the three holes drilled. All three holes encountered rhyolite and dacite with minor

basalt presumably of the Reid Lakes Complex volcaniclastic unit that the Reid Lakes Batholith is described as having intruded as its own volcanic pile. The nearest mapped volcaniclastics are exposures of Reid Lakes Complex upper unit about 20 km east of the drill holes.

The Au-Cu geochemical target that was drilled lies in subdued topography as do all the other Cu-Au-Mo porphyry targets in the area that have been identified by MMI soil sampling. There are foliated and, in some cases intensely sheared outcrops and rubble piles around the Dubloon geochemical target that indicate that faulting probably occurs in the area. Such faulting may have enough vertical movement to have preserved both the volcaniclastics and presumed underlying porphyry mineralization within the extensive exposures of the Reid Lakes Batholith. Deeper drilling would be required to test for this possibility.

White quartz chips in all three holes were present up to ten -foot intersects. Minor small specs of fine-grained sulphide were noted in a few samples. Geochemical responses were low in all the samples with the exception of high arsenic values in RC %1 from 165 to 190 ft. Au values were low in all samples.

CONCLUSIONS.

Three reverse circulation drill holes were completed from one set up near some high response ratios for Au and Cu within the Dubloon geochemical target but failed to encounter any monzogranite of the Reid Lakes Batholith. Rhyolite, dacite, and minor basalt of the Reid Lakes Complex were found in all three holes along with white quartz vein material up to ten feet. Minor fine-grained sulphide was found sporadically in all holes. Faulting may have preserved the volcanics and presumed underlying porphyry mineralization within the Reid Lakes Batholith. The geochemical response of the drill samples does not explain the anomalous Au, Cu and other elements that occur within the DUBLOON geochemical target.

RECOMMENDATIONS.

It is recommended that a diamond drill hole be drilled within the DUBLOON geochemical target in order to drill through the volcaniclastics and hopefully into mineralized monzogranite. Depth to this target is unknown.

STATEMENT OF QUALIFICATIONS.

I, Gordon G Richards, with business address at 6410 Holly Park Drive, B.C., V4K 4W6, do hereby certify that:

1. I am a practicing geologist holding a B.A.Sc. (1968) in Geology from The University of British Columbia, and an M.A.Sc. (1974) in Geology from The University of British Columbia.
2. I have been practicing my profession as a geologist for over 40 years. I have work experience in western areas of the United States, Alaska, Canada, Mexico and Africa.
3. I have based this report on my own field work and supervision of the reverse circulation drilling by Subterra Exploration Ltd during the period of July 8 to 20, 2020 and on the results generated by that field work.

Respectfully submitted,

Gordon Richards

STATEMENT OF COSTS

Subterra Exploration Drilling all in cost		$30,795.16
Bureau Veritas Assaying		3,127.16
Great Slave Helicopters move in		9,157.05
Great Slave Helicopters move out		8,068.20
Truck: Richards owned; whs-moose ck-whs		560.00
Richards time: July 11-19; 9 days @ $500/day		4,500.00
Daily Allowance:		
Richards; July 11-19; 9 days @ $100/day		900.00
Driller & helper; July 13-19;7 daysx2 men x $100/day		1,400.00
Burnaby Bag and Burlap		142.80
Shipping bags; Air North		102.62
	Subtotal	$58,752.99
Report; 10% of Subtotal		5,875.30
	TOTAL	$64,628.29

Operators must notify the Yukon government of plans for low-level Class 1 mining exploration when working in designated areas.
Designated areas are identified on this map by this symbol:

115P06

Dawson Class 1 Notification Area

MOUNTAIN
CHEST
ICE
TINTINA
NND R-14B
80373 CLSR
TRENCH
REID
LAKES
LAKE
YUKON PLATEAU
KLONDIKE
PIRATE MOUNTAIN PLATEAU
TONSURE MOUNTAIN
WILLOW HILLS
KLONDIKE
Creek
Pirate Creek
Lake
Stonehouse
Firestone
Whitehorse
Watson Lake
Faro
Mayo
Dawson
Old Crow
Carmacks
Haines Junction

Mineral

Placer (Gold)
- Unsurveyed baselines
- Surveyed baselines
- Placer claims
- Placer prospecting leases
- Placer tenures - expired

Quartz (Hard rock)
- Location line direction
- Quartz claims
- Quartz leases
- Quartz tenures - expired

Coal
- Coal exploration licences
- Coal leases

Mineral tenure
- Mineral tenures surveyed

Areas defined by OIC
- Class 1 notification areas
- Areas under mineral staking prohibition

Lands Protected to Facilitate the Settlement of Land Claims
- Unsettled First Nation lands

First Nation settlement lands

Unsurveyed
- A - Subsurface and surface rights
- B - Surface rights
- FS - Fee simple

Surveyed
- A - Subsurface and surface rights
- B - Surface rights
- FS - Fee simple
- 4.1.1 Retained reserve

Land
- Land applications - active
- Land licenses
- Notations

Land dispositions
- Easement
- Lease
- Reservation
- Others

Agriculture tenure
- Agriculture land applications
- Agriculture Land dispositions

Surveyed land parcels
- Land parcels and easements

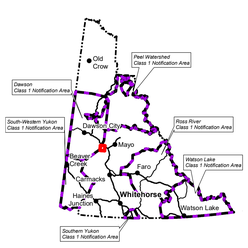
Administrative boundaries
- Municipal
- Mining district
- Parks and protected areas

Base features

Topographic
- Contour line intervals 100 feet
- Contour line intervals 500 feet

Hydrographic
- Watercourses
- Sand and dry river bed
- Waterbody
- Wetland

Transportation routes
- Highway
- Main
- Secondary
- Trail
- Cut line
- Winter
- Railway
- Ferry route



115P06
MINING CLAIMS

Mining District: Dawson, Mayo
Date: **August 15, 2018**

20° 0° E
Approximate Mean Declination 2018 for centre of map
Annual change: 24.1' W

For magnetic declination information, visit:
http://www.geomag.nrcan.gc.ca/calc/mdcal -en.php

Coordinate System: NAD 1983 UTM Zone 8N
Projection: Transverse Mercator
Datum: North American 1983

1 0 1 2 3 Kilometres
1 0 1 2 3 Miles

Reference Scale: 1:30,000

115P12	115P11	115P10
115P05	**115P06**	115P07
115P04	115P03	115P02

Mineral tenure information

Dawson Mining Recorder
Location: 1242 Front Street
Mail: PO Box 249, Dawson City YT Y0B 1G0
Phone: (867) 993-5343
Email: dawson.mining@gov.yk.ca

Mayo Mining Recorder
Location: 207-6th Avenue
Mail: PO Box 10, Mayo YT Y0B 1M0
Phone: (867) 996-2256
Email: mayo.mining@gov.yk.ca

Watson Lake Mining Recorder
Location: 1007 Alaska Highway
Mail: PO Box 269, Watson Lake YT Y0A 1C0
Phone: (867) 536-7366
Email: watson.mining@gov.yk.ca

Whitehorse Mining Recorder
Location: 102-300 Main Street
Mail: PO Box 2703 (K-102), Whitehorse YT Y1A 2B5
Phone: (867) 667-3190
Email: whitehorse.mining@gov.yk.ca

Areas under staking prohibition

Placer tenure – made by Order in Council (OIC) under the *Placer Mining Act*
http://www.gov.yk.ca/legislation/legislation/page_p.html
Quartz tenure – made by Order in Council (OIC) under the *Quartz Mining Act*
http://www.gov.yk.ca/legislation/legislation/page_q.html
Coal tenure – made by Order in Council (OIC) under the *Territorial Lands (Yukon) Act*
http://www.gov.yk.ca/legislation/legislation/page_t.html

Land information

Energy, Mines and Resources – Land Management Branch
Location: 320 – 300 Main Street
Mail: PO Box 2703 (K-320) Whitehorse, YT Y1A 2C6
Phone: (867) 667-5215 / 1-800-661-0408 ext. 5215
Email: land.disposition@gov.yk.ca

Agriculture land information

Energy, Mines and Resources – Agriculture Branch
Location: 320 – 300 Main Street
Mail: PO Box 2703 (K-320A) Whitehorse, YT Y1A 2C6
Phone: (867) 667-5838 / 1-800-661-0408 ext. 5838
Email: agriculture@gov.yk.ca

Data sources

National Topographic Data Base (NTDB). Government of Canada; Natural Resources Canada; Earth Sciences Sector; Canada Centre for Mapping and Earth Observation.

Free data for download

http://www.geomaticsyukon.ca
http://www.geogratis.gc.ca

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Contact: mining.gis@gov.yk.ca

Yukon

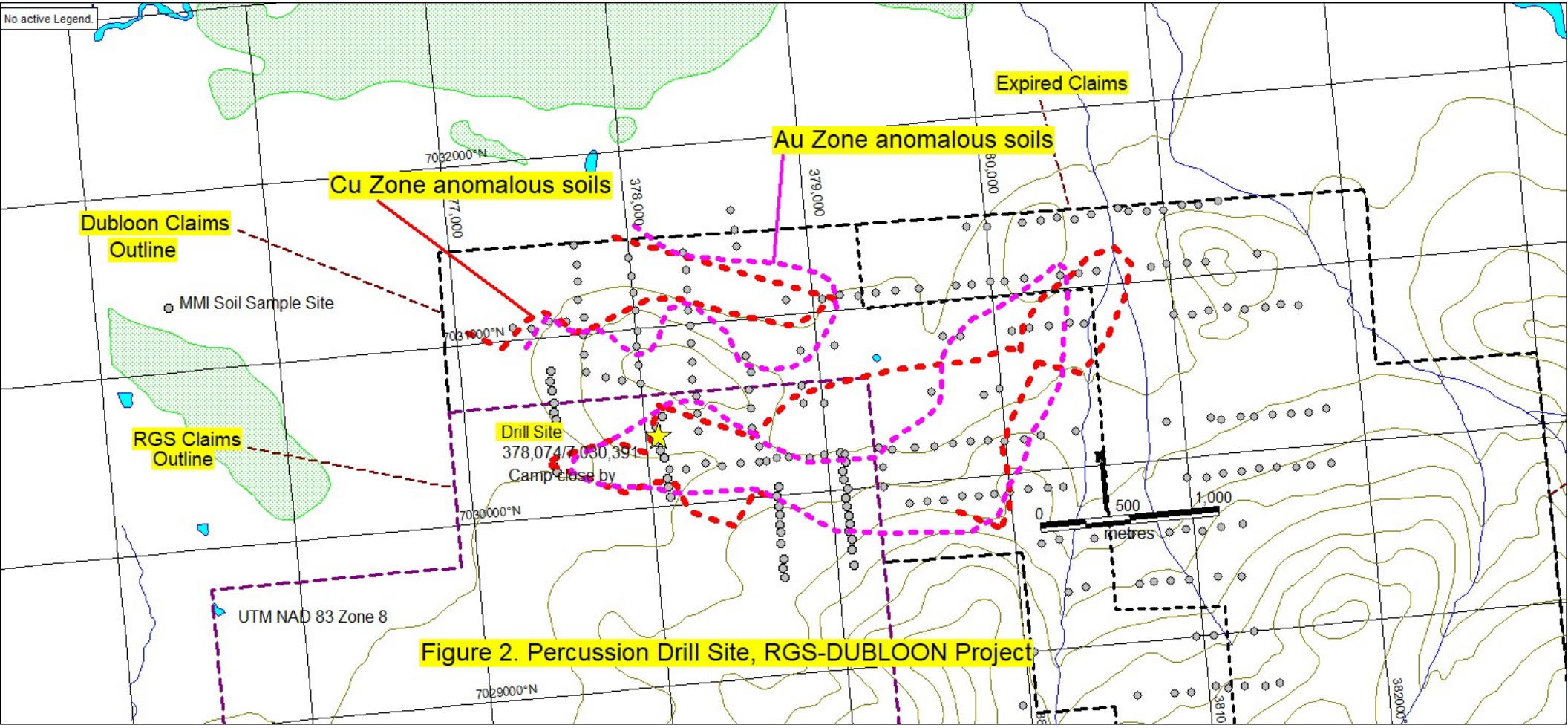
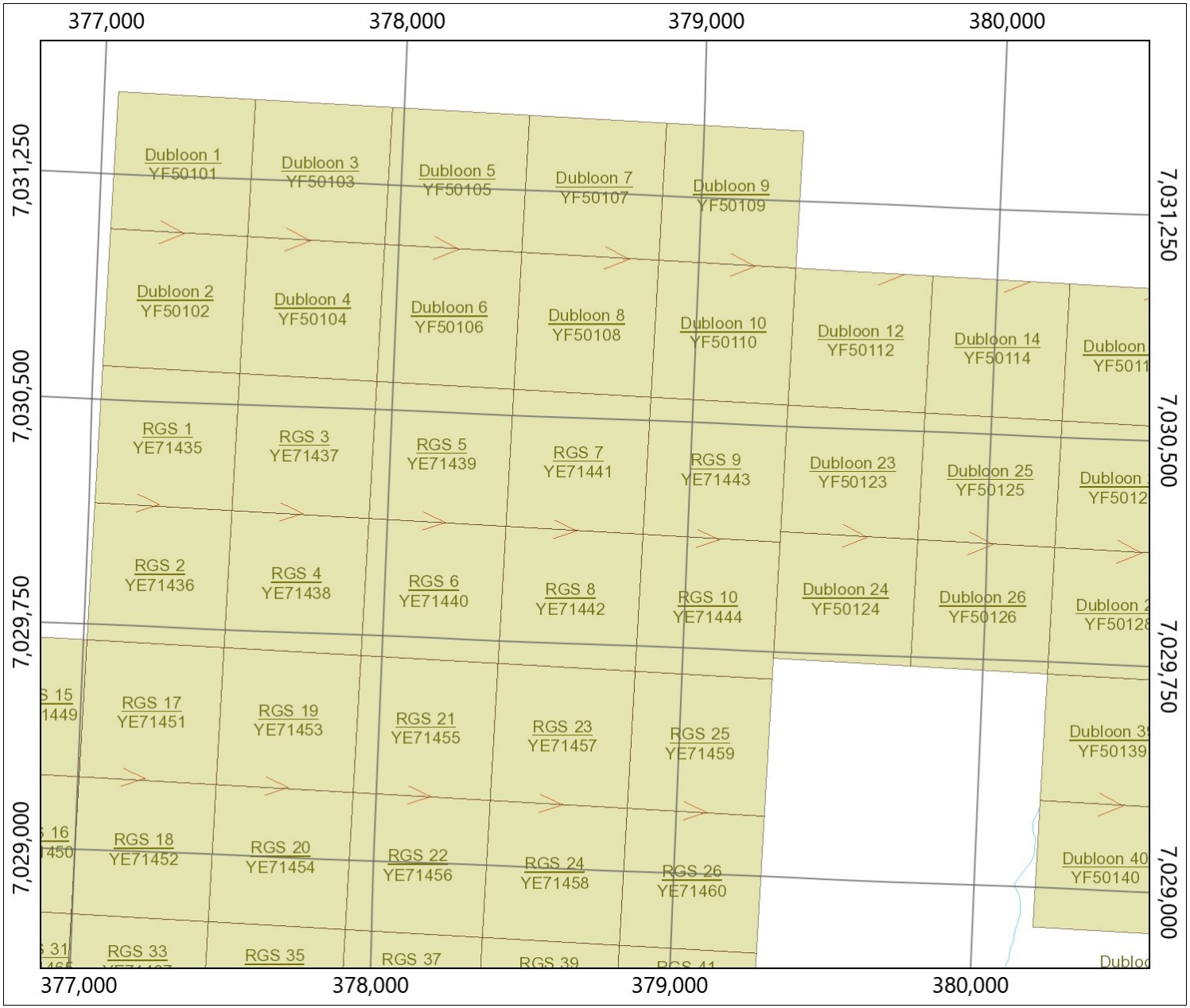


Figure 2. Percussion Drill Site, RGS-DUBLOON Project

Dubloon Claim Map



Legend

- Current Placer Class 1 Notificatic Submissions
- Current Quartz Class 1 Notificati Submissions
- Areas defined by OIC
- First Nation Surveyed Lands - Category A & B
- First Nation Unsurveyed Lands - Category A & B
- Placer Claims (50K)
  - Active and Pending
  - Expired
- Prospecting Leases
  - Active and Pending
  - Expired
- Adjoin Placer
- Placer Mining Land Use Permit
  - Class 3
  - Class 4
- Placer Baselines (50K)
- Placer Baselines (surveyed)
- Quartz Claims (50K)
  - Active and Pending
  - Expired
- Quartz Leases (50K)
- Adjoin Quartz
- Quartz Mining Land Use Permit
  - Class 3
  - Class 4
- Quartz Mining Licence
- Quartz Staking Direction
- Coal Exploration Licence
  - Active and Pending
  - Expired
- Coal Mining Lease
  - Active and Pending
  - Expired
- Surveyed Mineral Claims
- Areas withdrawn from staking mineral claims
- Settlement Lands (Surveyed)
  - A: Surface and Subsurface Right
  - B: Surface Rights
  - FS: Fee Simple
  - 4.1.1 Retained Reserve
- Settlement Lands (Unsurveyed)
  - A: Surface and Subsurface Right
  - B: Surface Rights
  - FS: Fee Simple
- Interim Protected Lands
- Interim Protected Lands (Unsurveyed)

Notes

1.0 0 0.51 1.0 Kilometers

Yukon Albers

Produced from: Yukon Mining Viewer

1: 20,000

This map is a user generated static output from an Internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

Date Printed: 14-Feb-2019

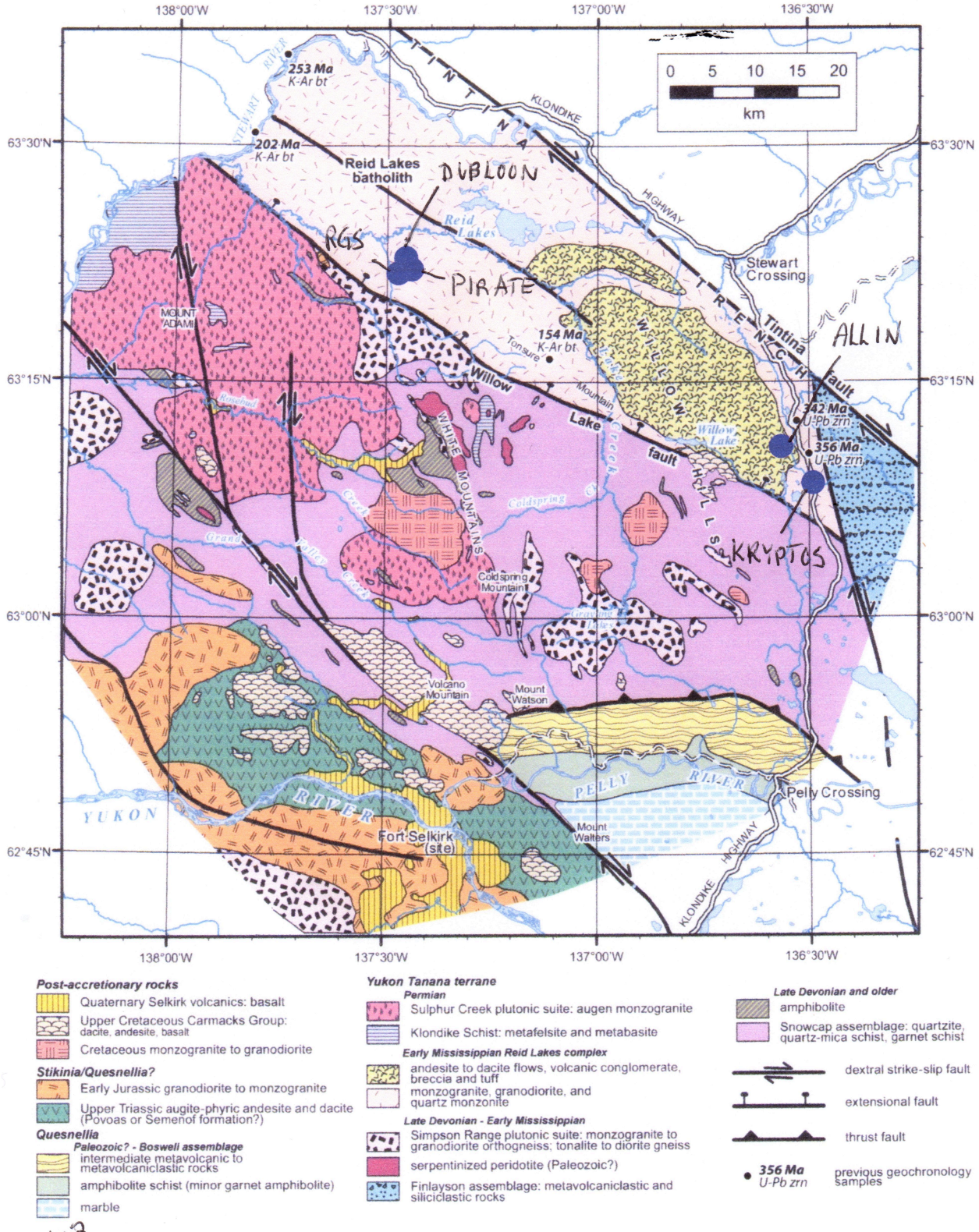


Figure 3. *Simplified geological map of southwest McQuesten-northern Carmacks area (after J.J. Ryan, M. Colpron and N. Hayward, in prep.).*

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Richards, Gordon**
6410 Holly Park Drive
Delta British Columbia V4K 4W6 Canada

Submitted By:	Gordon Richards
Receiving Lab:	Canada-Whitehorse
Received:	July 20, 2020
Analysis Start:	August 11, 2020
Report Date:	August 19, 2020
Page:	1 of 5

CERTIFICATE OF ANALYSIS WHI20000142.1

CLIENT JOB INFORMATION

Project:	DUBLOON
Shipment ID:	
P.O. Number	
Number of Samples:	95

SAMPLE DISPOSAL

PICKUP-PLP	Client to Pickup Pulps
DISP-RJT	Dispose of Reject After 60 days

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	95	Crush, split and pulverize 250 g rock to 200 mesh			WHI
AQ250	95	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	0.5	Completed	VAN
SHP01	95	Per sample shipping charges for branch shipments			VAN
SLBHP	0	Sort, label and box pulps			WHI

ADDITIONAL COMMENTS

Invoice To: Richards, Gordon
6410 Holly Park Drive
Delta British Columbia V4K 4W6
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
Marcus Lau
MARCUS LAU
Production Manager

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

BUREAU VERITAS MINERAL LABORATORIES Canada

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9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Richards, Gordon**
6410 Holly Park Drive
Delta British Columbia V4K 4W6 Canada

Project: DUBLOON
Report Date: August 19, 2020

CERTIFICATE OF ANALYSIS WHI20000142.1

	Method	WGHT	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
1478901	Reverse	1.45	2.36	30.15	31.86	48.3	152	5.6	3.0	262	0.90	5.0	2.3	1.0	10.1	13.1	0.43	0.11	0.22	7	0.29
1478902	Reverse	1.53	1.93	47.99	32.38	31.4	204	4.3	2.5	246	0.70	3.6	2.2	<0.2	11.3	15.7	0.33	0.39	0.26	4	0.43
1478903	Reverse	0.72	1.44	25.34	20.19	59.6	99	118.9	13.6	866	1.74	2.6	1.4	0.2	6.4	88.6	0.28	0.06	0.12	30	4.06
1478904	Reverse	1.90	1.01	10.56	8.03	94.1	31	219.5	26.2	708	2.91	2.3	0.6	<0.2	1.4	38.7	0.12	0.02	0.05	54	1.54
1478905	Reverse	1.20	0.84	12.56	7.08	84.9	37	204.8	24.5	691	2.94	1.5	1.7	0.2	1.9	39.0	0.10	0.05	0.04	54	1.40
1478906	Reverse	1.11	0.97	73.13	15.34	65.3	183	95.5	17.1	665	2.49	1.4	1.7	0.6	5.1	35.5	0.20	0.04	0.08	42	1.52
1478907	Reverse	1.05	1.01	24.30	24.92	37.1	127	42.0	7.2	405	1.31	1.8	1.7	0.5	8.3	26.0	0.18	0.04	0.15	17	1.14
1478908	Reverse	1.06	0.89	19.71	29.77	30.8	97	13.4	3.1	318	0.87	2.9	1.4	<0.2	9.2	24.5	0.22	0.04	0.14	5	1.03
1478909	Reverse	1.42	2.42	25.78	29.26	27.4	115	11.9	2.9	347	0.78	4.0	2.2	0.7	11.3	30.8	0.27	0.07	0.22	4	1.13
1478910	Reverse	1.47	1.56	34.70	20.75	40.8	88	5.3	4.5	398	1.04	7.8	2.2	0.7	11.8	41.1	0.27	0.14	0.11	7	1.17
1478911	Reverse	1.25	6.75	21.43	23.57	27.9	94	5.9	3.7	414	0.87	5.3	2.5	<0.2	10.7	43.6	0.30	0.11	0.18	11	1.47
1478912	Reverse	1.23	1.46	33.20	26.39	31.9	73	5.5	2.6	447	0.80	2.5	2.4	0.3	12.7	38.1	0.28	0.08	0.09	4	1.13
1478913	Reverse	1.34	1.33	24.35	47.71	38.9	99	6.2	2.4	388	0.80	4.4	2.0	<0.2	9.5	32.4	0.43	0.04	0.13	5	0.96
1478914	Reverse	1.30	1.16	18.31	31.06	16.4	88	5.4	2.0	349	0.51	46.3	1.7	<0.2	8.2	30.5	0.18	0.13	0.14	3	1.13
1478915	Reverse	1.04	4.25	24.56	30.00	9.7	122	2.9	1.7	449	0.41	17.7	1.9	<0.2	7.7	48.4	0.18	0.08	0.24	2	2.88
1478916	Reverse	1.55	2.16	17.28	33.89	22.1	134	3.7	1.7	321	0.50	11.6	2.2	<0.2	9.2	30.2	0.17	0.06	0.29	3	1.10
1478917	Reverse	1.27	1.42	15.27	37.69	81.4	109	17.7	10.0	1020	1.98	5.7	1.6	<0.2	7.1	72.7	0.41	0.06	0.19	26	3.24
1478918	Reverse	1.23	1.37	37.13	21.64	58.7	105	39.1	14.2	704	2.22	3.3	1.0	<0.2	4.1	48.6	0.23	0.05	0.11	43	2.35
1478919	Reverse	0.82	3.91	21.96	16.14	41.4	81	21.7	9.5	595	1.44	1.6	1.5	<0.2	6.4	36.1	0.17	0.04	0.12	27	2.19
1478920	Reverse	1.26	1.66	28.07	12.81	34.3	88	17.2	6.6	306	1.34	2.0	1.8	0.7	7.8	32.1	0.13	0.05	0.09	16	0.95
1478921	Reverse	1.48	0.77	13.13	10.91	40.6	45	16.9	15.6	454	2.39	2.4	0.8	<0.2	2.0	41.8	0.09	0.06	0.04	52	1.40
1478922	Reverse	1.45	0.71	32.35	10.16	38.7	72	59.2	14.9	390	2.21	4.3	0.6	<0.2	1.5	38.3	0.09	0.07	0.04	44	1.29
1478923	Reverse	1.29	3.47	36.20	16.01	43.4	94	68.6	18.9	436	2.17	6.0	0.5	<0.2	0.9	43.5	0.16	0.07	0.04	44	1.74
1478924	Reverse	1.25	1.50	17.90	12.65	49.0	54	50.6	11.1	474	1.82	2.7	1.4	<0.2	5.5	32.0	0.13	0.04	0.08	33	1.50
1478925	Reverse	1.22	1.69	8.05	39.60	45.2	116	15.0	5.0	440	1.29	2.6	2.0	<0.2	8.0	35.4	0.26	0.04	0.22	15	1.80
1478926	Reverse	1.33	2.10	19.35	46.27	31.5	170	4.3	2.1	249	0.83	2.3	2.2	0.5	9.8	21.2	0.21	0.05	0.31	5	1.00
1478927	Reverse	1.50	2.33	36.90	75.40	47.7	197	2.6	2.1	267	0.82	14.5	2.4	<0.2	11.9	22.8	0.35	0.10	0.30	3	0.80
1478928	Reverse	1.21	2.76	63.98	84.39	38.8	339	3.7	3.1	277	1.16	3985.6	3.2	3.5	10.8	23.0	0.39	1.52	0.35	4	0.86
1478929	Reverse	0.99	2.12	71.27	42.57	29.5	207	1.9	2.6	311	0.90	776.7	2.5	1.9	10.7	26.3	0.27	0.55	0.24	2	1.08
1478930	Reverse	0.94	2.18	39.96	33.27	35.8	105	8.2	3.6	482	1.07	153.0	3.4	1.4	8.3	75.3	0.21	0.13	0.17	6	2.17

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Project: DUBLOON
Report Date: August 19, 2020

CERTIFICATE OF ANALYSIS WHI20000142.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
1478901	Reverse	0.017	18.6	14.0	0.14	98.2	0.023	<20	0.46	0.025	0.23	1.1	1.1	0.14	0.03	<5	<0.1	0.05	1.6
1478902	Reverse	0.014	21.3	7.2	0.11	128.4	0.018	<20	0.41	0.034	0.22	0.7	0.9	0.12	0.05	<5	<0.1	0.07	1.3
1478903	Reverse	0.071	13.1	273.9	1.70	218.6	0.077	<20	1.48	0.019	0.62	0.3	3.5	0.30	0.02	10	<0.1	0.03	3.3
1478904	Reverse	0.156	3.5	442.0	3.18	665.9	0.165	<20	2.86	0.020	1.97	0.3	3.1	0.77	<0.02	<5	<0.1	<0.02	3.8
1478905	Reverse	0.151	4.2	424.8	3.17	660.1	0.160	<20	2.84	0.020	1.95	0.1	3.4	0.79	<0.02	<5	<0.1	<0.02	3.6
1478906	Reverse	0.070	9.4	222.3	2.09	430.2	0.136	<20	2.16	0.027	1.45	0.4	2.8	0.59	0.02	<5	<0.1	0.02	3.2
1478907	Reverse	0.038	13.5	102.4	0.85	168.2	0.063	<20	1.05	0.025	0.68	0.2	1.6	0.38	0.02	<5	<0.1	0.04	1.9
1478908	Reverse	0.021	20.0	33.4	0.26	111.6	0.018	<20	0.56	0.030	0.37	0.2	0.7	0.19	0.08	<5	<0.1	<0.02	1.3
1478909	Reverse	0.016	25.2	30.2	0.18	111.1	0.011	<20	0.46	0.025	0.33	0.4	0.7	0.17	0.21	7	0.7	0.04	1.1
1478910	Reverse	0.030	21.4	13.1	0.23	107.0	0.026	<20	0.56	0.032	0.33	2.0	0.7	0.18	0.23	6	0.6	0.04	1.9
1478911	Reverse	0.018	21.4	15.1	0.21	81.3	0.021	<20	0.50	0.024	0.34	0.2	1.0	0.23	0.17	6	0.3	0.03	1.2
1478912	Reverse	0.014	27.7	16.5	0.12	106.9	0.010	<20	0.46	0.039	0.32	0.2	0.6	0.17	0.11	<5	0.3	0.03	1.3
1478913	Reverse	0.016	24.7	18.5	0.16	123.4	0.011	<20	0.50	0.036	0.34	0.2	0.6	0.19	0.07	6	<0.1	0.02	1.3
1478914	Reverse	0.013	18.4	15.3	0.11	84.6	0.004	<20	0.35	0.025	0.25	0.2	0.5	0.11	0.08	7	<0.1	<0.02	0.8
1478915	Reverse	0.011	16.1	8.8	0.06	42.8	0.003	<20	0.27	0.039	0.19	<0.1	0.6	0.08	0.07	13	<0.1	0.02	0.6
1478916	Reverse	0.013	20.6	10.9	0.08	76.0	0.003	<20	0.33	0.034	0.21	0.1	0.6	0.09	0.06	8	<0.1	<0.02	0.8
1478917	Reverse	0.022	15.7	38.2	0.86	140.4	0.069	<20	1.21	0.018	0.88	0.2	3.4	0.66	0.31	<5	<0.1	0.03	2.8
1478918	Reverse	0.044	9.0	116.6	1.41	140.8	0.133	<20	1.53	0.039	0.91	<0.1	4.4	0.54	0.18	<5	<0.1	0.03	3.3
1478919	Reverse	0.030	11.4	61.8	0.93	140.8	0.074	<20	1.13	0.023	0.80	0.1	2.0	0.43	0.12	<5	<0.1	<0.02	2.2
1478920	Reverse	0.027	13.6	30.8	0.55	201.6	0.079	<20	0.90	0.048	0.41	0.2	1.9	0.24	0.05	10	<0.1	<0.02	2.3
1478921	Reverse	0.076	4.4	29.9	1.60	118.7	0.152	<20	1.80	0.098	0.43	0.2	5.3	0.20	0.03	<5	<0.1	<0.02	4.3
1478922	Reverse	0.065	3.7	129.2	1.70	107.2	0.212	<20	1.70	0.069	0.48	0.2	4.5	0.20	0.03	<5	<0.1	<0.02	3.4
1478923	Reverse	0.078	2.5	133.1	1.72	136.2	0.191	<20	1.74	0.073	0.48	0.2	4.4	0.21	0.04	<5	<0.1	<0.02	3.6
1478924	Reverse	0.034	9.3	105.4	1.26	150.6	0.139	<20	1.41	0.049	0.82	0.2	3.6	0.44	0.02	5	<0.1	<0.02	3.2
1478925	Reverse	0.019	20.3	36.4	0.53	89.0	0.047	<20	0.88	0.037	0.47	0.1	2.0	0.34	<0.02	<5	<0.1	<0.02	2.3
1478926	Reverse	0.013	22.5	12.3	0.20	93.4	0.011	<20	0.53	0.039	0.26	0.1	0.9	0.14	0.03	8	<0.1	<0.02	1.7
1478927	Reverse	0.015	25.7	8.0	0.13	128.5	0.009	<20	0.49	0.045	0.27	0.2	1.2	0.16	0.05	11	0.3	0.03	1.8
1478928	Reverse	0.015	27.2	10.4	0.13	114.1	0.007	<20	0.53	0.043	0.26	0.3	1.1	0.18	0.18	32	0.9	0.05	1.6
1478929	Reverse	0.012	26.1	5.6	0.10	89.9	0.003	<20	0.47	0.038	0.22	0.2	0.8	0.13	0.16	5	0.6	0.02	1.3
1478930	Reverse	0.012	23.2	25.8	0.26	121.6	0.004	<20	0.70	0.026	0.21	<0.1	1.1	0.13	0.07	6	0.2	<0.02	2.0

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	Method	WGHT	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
1478931	Reverse	1.08	2.90	28.17	28.34	87.5	88	45.1	11.9	754	2.29	76.1	2.3	1.6	8.1	65.9	0.24	0.11	0.22	37	2.77
1478932	Reverse	1.24	2.16	49.45	39.04	71.6	208	29.6	7.1	518	1.66	99.0	2.4	2.0	9.7	49.3	0.23	0.12	0.47	19	1.83
1478933	Reverse	2.04	1.55	29.57	33.76	86.2	131	57.4	11.0	660	2.11	31.5	2.7	0.4	8.5	78.1	0.26	0.10	0.31	34	2.29
1478934	Reverse	1.40	1.28	40.10	101.69	47.5	278	5.9	2.1	276	0.80	14.6	2.5	3.6	10.4	43.8	0.60	0.07	0.46	5	1.00
1478935	Reverse	1.21	2.51	174.48	74.46	66.9	483	2.1	2.8	310	1.29	67.9	2.3	4.6	10.6	46.0	0.77	0.18	0.32	4	0.61
1478936	Reverse	1.33	6.16	46.70	61.48	63.7	186	1.5	1.9	256	1.02	11.2	2.6	0.5	10.4	48.3	0.66	0.09	0.26	4	0.77
1478937	Reverse	1.41	3.51	32.47	299.58	51.1	307	1.8	1.9	253	0.78	17.5	2.6	3.1	10.6	48.5	0.88	0.09	0.50	3	1.00
1478938	Reverse	1.14	2.45	26.02	91.60	48.0	215	2.0	1.5	262	0.76	26.5	4.0	2.2	15.8	68.8	0.59	0.08	0.41	3	1.03
1478939	Reverse	1.39	2.19	25.79	48.69	51.8	134	2.0	1.9	269	0.94	14.9	3.1	0.7	12.6	61.8	0.32	0.09	0.25	4	0.72
1478940	Reverse	1.48	3.08	81.71	371.72	41.4	770	3.8	2.7	269	1.05	22.8	3.2	3.4	12.3	50.6	0.71	0.19	1.02	6	0.60
1478941	Reverse	1.28	3.70	26.76	56.95	69.2	206	31.6	11.1	588	2.03	23.8	2.0	1.3	7.9	69.6	0.23	0.16	0.38	34	1.79
1478942	Reverse	1.59	8.53	33.61	37.15	47.6	110	3.7	2.4	375	1.16	17.9	2.8	0.8	10.7	57.4	0.18	0.19	0.23	5	0.64
1478943	Reverse	1.26	2.97	26.72	34.87	36.8	97	3.6	2.2	373	0.88	46.1	3.0	0.6	10.1	75.1	0.22	0.08	0.20	4	1.12
1478944	Reverse	1.67	3.12	16.47	39.58	42.7	103	7.0	3.1	364	1.29	14.2	2.7	0.8	9.6	56.6	0.19	0.08	0.20	8	1.02
1478945	Reverse	1.33	21.96	45.79	31.42	61.7	97	12.2	6.5	479	2.02	10.3	3.1	0.9	10.3	66.2	0.25	0.13	0.18	17	1.28
1478946	Reverse	1.19	2.71	23.15	34.72	42.3	113	2.9	1.9	289	1.15	9.7	2.8	1.9	10.9	41.8	0.26	0.06	0.18	4	0.72
1478947	Reverse	1.20	4.75	87.54	33.45	54.1	153	2.6	3.0	331	1.52	6.5	2.8	1.0	11.5	44.8	0.27	0.11	0.19	4	0.68
1478948	Reverse	0.32	2.55	45.03	30.32	53.4	112	6.3	3.1	302	1.30	7.4	2.2	1.0	11.3	29.1	0.38	0.11	0.16	8	0.63
1478949	Reverse	0.53	2.68	38.42	35.08	62.2	98	14.4	5.8	380	1.52	5.1	2.3	0.7	11.5	28.1	0.42	0.15	0.21	17	0.64
1478950	Reverse	0.69	2.57	35.18	41.04	52.6	118	4.9	4.0	407	1.09	3.6	1.6	1.1	12.9	36.4	0.39	0.08	0.18	9	0.98
1478951	Reverse	0.90	2.72	36.89	45.41	44.7	118	2.9	3.4	456	0.91	4.3	1.6	0.4	11.7	36.0	0.40	0.07	0.18	6	1.00
1478952	Reverse	1.04	2.28	23.04	49.70	31.5	120	1.8	2.4	457	0.75	12.1	1.5	0.5	10.6	33.9	0.44	0.06	0.21	3	1.04
1478953	Reverse	1.30	2.34	23.19	58.62	38.7	116	1.7	2.2	452	0.62	22.9	2.0	0.4	12.0	36.1	0.43	0.11	0.20	3	1.30
1478954	Reverse	2.08	1.34	22.07	42.20	41.9	118	4.0	4.1	466	1.04	6.9	1.9	0.2	10.1	36.4	0.30	0.07	0.18	8	1.06
1478955	Reverse	1.34	1.92	33.17	39.38	43.0	129	6.3	4.0	438	1.15	3.4	2.6	0.8	11.4	32.5	0.27	0.08	0.20	10	0.98
1478956	Reverse	1.56	2.07	21.76	54.63	37.2	127	1.9	1.9	325	0.93	3.0	1.6	0.6	11.5	20.9	0.25	0.05	0.17	4	0.78
1478957	Reverse	1.51	1.75	24.74	23.94	37.4	98	4.3	5.7	334	1.32	2.1	1.7	<0.2	9.1	27.1	0.20	0.07	0.15	16	0.90
1478958	Reverse	1.46	1.47	58.70	17.84	41.5	100	39.3	12.1	356	1.84	2.1	1.4	0.2	5.4	31.8	0.21	0.08	0.08	35	1.14
1478959	Reverse	0.91	1.36	31.89	33.30	44.7	125	36.8	9.3	376	1.61	2.0	1.6	0.6	8.1	31.9	0.29	0.08	0.16	23	1.01
1478960	Reverse	1.97	2.34	28.27	46.02	41.7	140	12.9	4.7	304	1.18	4.0	1.8	0.5	9.4	25.2	0.28	0.08	0.18	12	0.68

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Client: **Richards, Gordon**
6410 Holly Park Drive
Delta British Columbia V4K 4W6 Canada

Project: DUBLOON
Report Date: August 19, 2020

CERTIFICATE OF ANALYSIS WHI20000142.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
1478931	Reverse	0.022	19.8	155.5	1.47	121.9	0.043	<20	1.70	0.022	0.72	0.1	4.7	0.45	0.05	<5	0.1	0.03	4.3
1478932	Reverse	0.016	20.0	105.1	0.80	105.9	0.023	<20	1.07	0.037	0.37	0.2	2.8	0.25	0.04	7	0.6	0.04	3.3
1478933	Reverse	0.019	18.3	194.0	1.46	210.7	0.035	<20	1.60	0.028	0.64	<0.1	5.0	0.48	0.04	9	0.3	<0.02	4.2
1478934	Reverse	0.011	20.9	21.4	0.17	141.4	0.008	<20	0.58	0.050	0.26	0.1	1.0	0.14	0.04	<5	0.5	0.03	1.7
1478935	Reverse	0.011	17.1	7.8	0.13	104.5	0.011	<20	0.71	0.052	0.28	0.2	1.6	0.27	0.10	<5	0.6	0.04	2.6
1478936	Reverse	0.010	21.0	7.0	0.13	103.4	0.009	<20	0.66	0.045	0.26	<0.1	1.3	0.25	0.03	<5	0.2	0.03	2.4
1478937	Reverse	0.011	21.1	6.9	0.12	117.8	0.006	<20	0.59	0.041	0.26	8.9	1.0	0.18	0.04	<5	0.3	<0.02	2.0
1478938	Reverse	0.011	15.5	8.4	0.12	153.4	0.005	<20	0.72	0.037	0.25	0.5	1.1	0.15	0.03	<5	0.1	0.02	2.2
1478939	Reverse	0.011	16.5	7.1	0.14	158.4	0.011	<20	0.73	0.041	0.27	0.4	1.2	0.22	0.02	<5	0.2	<0.02	2.6
1478940	Reverse	0.010	17.9	11.4	0.23	147.5	0.019	<20	0.79	0.054	0.29	0.3	1.5	0.23	0.03	5	1.0	0.04	2.6
1478941	Reverse	0.021	13.2	93.5	1.27	226.9	0.087	<20	1.68	0.045	0.93	0.3	3.0	0.76	<0.02	<5	0.2	0.04	3.9
1478942	Reverse	0.011	18.0	12.9	0.22	213.0	0.023	<20	0.85	0.048	0.32	0.7	1.4	0.27	0.03	<5	0.2	<0.02	2.6
1478943	Reverse	0.013	18.6	11.1	0.17	298.2	0.012	<20	0.80	0.035	0.29	0.4	1.2	0.20	0.03	<5	<0.1	<0.02	2.3
1478944	Reverse	0.012	18.5	21.7	0.35	196.2	0.028	<20	0.93	0.041	0.46	0.3	1.6	0.40	0.02	<5	0.1	<0.02	2.6
1478945	Reverse	0.014	20.9	40.5	0.68	283.9	0.058	<20	1.42	0.047	0.75	0.4	2.7	0.58	0.06	<5	0.4	0.02	3.9
1478946	Reverse	0.011	21.1	10.3	0.16	175.2	0.028	<20	0.74	0.057	0.35	0.7	1.5	0.29	0.02	<5	<0.1	0.02	2.5
1478947	Reverse	0.010	21.2	8.6	0.17	144.6	0.029	<20	0.81	0.060	0.36	0.8	1.5	0.37	0.12	<5	0.5	0.03	3.1
1478948	Reverse	0.015	20.4	16.8	0.19	130.3	0.032	<20	0.74	0.040	0.34	0.6	1.5	0.25	0.04	<5	0.4	0.03	2.4
1478949	Reverse	0.024	21.5	34.4	0.33	156.5	0.044	<20	1.01	0.037	0.40	0.6	1.9	0.23	0.03	6	0.2	0.04	2.7
1478950	Reverse	0.024	28.9	12.7	0.18	122.2	0.017	<20	0.66	0.032	0.37	2.1	1.1	0.19	0.08	<5	0.1	0.03	2.0
1478951	Reverse	0.019	29.5	10.1	0.11	132.6	0.009	<20	0.58	0.037	0.37	0.9	0.9	0.17	0.08	<5	0.4	0.04	1.6
1478952	Reverse	0.013	23.5	6.7	0.07	118.2	0.005	<20	0.49	0.035	0.32	0.7	0.6	0.13	0.05	<5	0.2	0.03	1.2
1478953	Reverse	0.012	20.8	7.8	0.06	115.5	0.003	<20	0.47	0.035	0.31	0.6	0.5	0.12	0.05	<5	0.1	0.03	1.3
1478954	Reverse	0.013	22.7	8.5	0.26	155.2	0.023	<20	0.74	0.052	0.42	0.4	1.0	0.19	0.10	<5	0.2	0.03	1.7
1478955	Reverse	0.016	25.0	18.9	0.28	175.5	0.029	<20	0.78	0.058	0.36	0.4	1.5	0.18	0.06	<5	0.2	0.05	2.4
1478956	Reverse	0.012	23.8	6.3	0.12	147.7	0.015	<20	0.59	0.059	0.30	0.2	0.8	0.15	0.04	5	0.1	<0.02	1.8
1478957	Reverse	0.022	20.0	8.4	0.48	157.3	0.059	<20	0.95	0.056	0.40	0.2	1.8	0.18	0.03	<5	<0.1	0.03	2.5
1478958	Reverse	0.043	10.5	93.5	1.12	166.7	0.171	<20	1.33	0.080	0.51	0.2	4.0	0.24	0.06	<5	0.2	0.03	3.1
1478959	Reverse	0.027	14.8	63.5	0.83	189.3	0.150	<20	1.21	0.059	0.63	0.2	2.3	0.33	0.03	<5	<0.1	0.02	2.8
1478960	Reverse	0.017	17.0	31.3	0.41	140.3	0.060	<20	0.83	0.059	0.43	0.4	1.6	0.26	0.04	<5	<0.1	<0.02	2.3

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Project: DUBLOON
Report Date: August 19, 2020

CERTIFICATE OF ANALYSIS WHI20000142.1

	Method	WGHT	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
1478961	Reverse	1.44	2.22	52.45	49.07	47.0	163	5.6	3.9	247	0.98	2.2	2.3	0.6	9.6	36.1	0.28	0.10	0.22	8	0.68
1478962	Reverse	1.29	1.57	70.77	63.86	62.3	254	16.3	8.0	372	1.67	1.4	2.2	0.5	9.1	27.6	0.31	0.07	0.29	21	0.74
1478963	Reverse	1.71	2.36	52.44	54.78	51.7	199	11.9	5.8	353	1.36	3.8	2.0	2.0	9.0	29.0	0.37	0.12	0.25	16	0.91
1478964	Reverse	1.66	1.70	38.03	86.13	82.6	221	6.1	3.4	330	1.01	3.3	1.9	2.0	10.9	33.0	1.51	0.14	0.31	7	0.86
1478965	Reverse	1.38	1.55	16.48	202.08	78.0	393	14.3	5.2	629	1.43	1.3	1.1	2.0	9.2	57.0	0.49	0.13	0.69	16	1.48
1478966	Reverse	1.18	1.20	78.76	52.15	44.9	306	3.8	2.7	362	1.22	1.7	1.3	0.4	10.1	29.6	0.25	0.19	0.27	6	0.80
1478967	Reverse	1.18	1.99	64.55	415.98	74.2	1347	14.0	3.6	562	1.39	1.2	1.5	3.7	10.4	66.9	0.53	0.16	2.40	8	1.89
1478968	Reverse	1.34	4.04	73.67	100.29	49.9	338	2.0	1.9	305	0.98	7.5	1.9	1.1	11.5	27.5	0.38	0.34	0.61	3	0.97
1478969	Reverse	0.88	3.83	66.57	60.86	45.4	185	3.0	2.1	298	0.82	7.8	3.0	1.1	13.1	28.2	0.32	0.48	0.23	3	1.14
1478970	Reverse	1.39	3.36	33.35	75.15	37.3	162	1.2	1.3	226	0.58	3.0	1.8	<0.2	9.6	21.9	0.36	0.19	0.27	2	0.88
1478971	Reverse	1.22	2.71	24.48	54.60	27.7	148	0.8	1.2	202	0.66	8.4	2.0	<0.2	10.9	23.6	0.27	0.24	0.36	2	0.75
1478972	Reverse	0.74	2.24	26.62	63.66	32.0	177	0.7	1.1	295	0.71	13.2	2.7	<0.2	11.7	36.2	0.25	0.24	0.44	2	1.08
1478973	Reverse	0.22	2.30	32.27	41.50	38.3	146	2.2	1.8	326	0.92	7.1	1.9	<0.2	12.2	34.1	0.34	0.23	0.32	5	0.97
1478974	Reverse	0.53	5.08	85.40	40.00	37.7	205	5.3	4.5	376	1.59	7.7	2.9	<0.2	11.8	43.2	0.43	0.13	0.39	13	1.26
1478975	Reverse	0.48	2.68	20.16	26.38	20.5	95	4.2	3.4	350	0.97	1.7	1.2	<0.2	11.2	54.7	0.22	0.05	0.24	11	1.65
1478976	Reverse	0.44	1.69	25.19	96.47	18.1	180	1.3	1.3	313	0.58	1.2	1.1	<0.2	11.9	41.4	0.28	0.05	0.30	2	1.23
1478977	Reverse	0.57	2.19	17.16	56.06	23.2	131	0.8	1.2	354	0.67	1.2	1.1	<0.2	11.0	31.9	0.23	0.03	0.20	2	0.99
1478978	Reverse	0.59	3.58	14.68	31.61	20.3	122	1.0	1.3	335	0.68	6.5	1.2	<0.2	11.8	31.6	0.21	0.05	0.26	2	0.92
1478979	Reverse	0.59	1.88	12.08	60.12	18.1	131	0.9	1.1	361	0.56	2.5	1.4	<0.2	11.2	42.1	0.23	0.03	0.25	2	1.02
1478980	Reverse	0.86	1.26	18.31	52.80	42.3	129	2.9	2.3	436	0.92	0.5	2.4	<0.2	12.5	33.4	0.25	0.03	0.20	4	1.09
1478981	Reverse	1.04	1.64	26.79	37.65	93.7	96	31.3	11.2	761	2.20	3.1	1.7	<0.2	9.2	42.9	0.38	0.08	0.21	38	2.08
1478982	Reverse	0.56	4.56	46.83	53.92	50.6	207	4.2	2.7	355	1.22	1.3	2.0	0.3	11.4	24.8	0.38	0.06	0.33	5	0.98
1478983	Reverse	0.57	2.14	16.65	36.24	24.2	145	1.1	0.9	211	0.61	1.7	2.3	<0.2	10.4	20.1	0.24	0.03	0.31	2	0.74
1478984	Reverse	1.25	1.45	17.88	20.04	58.4	79	12.2	13.6	521	2.44	1.9	4.4	<0.2	6.1	50.6	0.16	0.08	0.11	49	1.73
1478985	Reverse	1.08	1.61	42.35	23.64	60.3	106	39.7	13.1	535	2.26	42.9	4.5	<0.2	8.1	66.5	0.26	0.42	0.17	39	2.14
1478986	Reverse	0.53	8.85	37.70	89.93	48.4	409	9.9	3.4	351	1.12	20.3	2.6	<0.2	12.5	37.3	0.37	0.90	1.00	7	1.11
1478987	Reverse	0.54	4.95	38.95	51.62	34.9	183	1.4	1.7	220	0.81	5.3	2.5	<0.2	11.5	34.4	0.29	0.99	0.34	3	0.79
1478988	Reverse	0.67	4.38	50.11	50.05	52.9	194	10.7	3.2	279	1.03	3.4	2.4	0.4	11.9	45.4	0.33	0.55	0.31	6	0.87
1478989	Reverse	1.03	4.16	53.12	64.29	40.7	245	3.2	1.9	222	0.89	2.8	2.1	<0.2	10.3	34.6	0.46	0.30	0.32	4	0.76
1478990	Reverse	0.72	3.28	34.72	72.66	42.5	193	2.8	1.8	241	0.82	2.4	2.4	1.0	11.0	52.7	0.66	0.15	0.33	4	0.88

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	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
1478961	Reverse	0.024	17.1	13.2	0.23	108.6	0.039	<20	0.62	0.053	0.28	0.3	1.3	0.19	0.12	<5	0.3	0.02	2.5
1478962	Reverse	0.024	15.5	54.9	0.73	219.3	0.097	<20	1.17	0.060	0.69	0.5	2.4	0.39	0.08	<5	0.6	0.04	3.0
1478963	Reverse	0.018	18.5	35.7	0.54	179.5	0.064	<20	0.92	0.055	0.56	0.4	1.7	0.35	0.06	<5	0.4	0.02	2.3
1478964	Reverse	0.013	22.9	17.3	0.25	134.6	0.029	<20	0.61	0.060	0.36	0.3	1.0	0.25	0.06	<5	0.3	0.02	1.8
1478965	Reverse	0.018	20.8	53.3	0.57	122.0	0.046	<20	0.91	0.038	0.58	0.3	2.7	0.51	0.02	<5	0.6	0.04	2.7
1478966	Reverse	0.013	24.6	14.3	0.25	111.6	0.020	<20	0.66	0.064	0.35	0.2	1.2	0.29	0.08	<5	0.4	<0.02	2.4
1478967	Reverse	0.014	23.0	47.7	0.38	116.8	0.032	<20	0.86	0.038	0.50	0.3	1.7	0.53	0.06	<5	2.2	0.11	2.4
1478968	Reverse	0.012	28.0	6.9	0.12	113.9	0.012	<20	0.55	0.045	0.33	0.3	0.9	0.27	0.06	<5	0.7	0.05	1.6
1478969	Reverse	0.012	28.1	10.9	0.10	128.4	0.007	<20	0.45	0.026	0.29	0.5	0.8	0.20	0.06	7	0.2	<0.02	1.4
1478970	Reverse	0.012	15.7	4.8	0.05	100.6	0.007	<20	0.38	0.027	0.24	0.2	0.7	0.14	0.03	<5	<0.1	<0.02	1.0
1478971	Reverse	0.011	17.0	4.7	0.05	76.6	0.006	<20	0.39	0.030	0.23	0.2	0.6	0.15	0.04	6	<0.1	0.02	1.2
1478972	Reverse	0.011	27.1	4.1	0.06	96.6	0.003	<20	0.43	0.030	0.25	0.2	0.6	0.17	0.04	15	<0.1	<0.02	1.3
1478973	Reverse	0.016	26.9	9.0	0.09	106.1	0.006	<20	0.48	0.031	0.31	0.6	0.7	0.17	0.03	<5	0.2	<0.02	1.3
1478974	Reverse	0.023	25.4	10.0	0.16	92.4	0.005	<20	0.60	0.019	0.27	0.3	1.8	0.14	0.15	<5	0.6	0.06	1.8
1478975	Reverse	0.020	23.4	9.8	0.13	78.0	0.004	<20	0.51	0.017	0.26	0.3	1.4	0.11	0.08	<5	<0.1	<0.02	1.4
1478976	Reverse	0.012	25.4	4.3	0.03	93.3	0.002	<20	0.37	0.024	0.29	0.5	0.4	0.12	0.08	<5	0.3	0.05	0.8
1478977	Reverse	0.012	28.4	5.0	0.04	108.0	0.002	<20	0.39	0.030	0.29	0.3	0.4	0.11	0.04	<5	<0.1	0.02	0.9
1478978	Reverse	0.012	25.8	3.8	0.05	92.7	0.002	<20	0.42	0.030	0.28	0.4	0.5	0.11	0.04	<5	<0.1	<0.02	0.9
1478979	Reverse	0.012	25.1	5.1	0.04	114.6	0.002	<20	0.35	0.031	0.27	0.4	0.3	0.12	0.05	<5	0.3	<0.02	0.8
1478980	Reverse	0.013	29.1	8.6	0.16	116.2	0.010	<20	0.53	0.036	0.34	0.5	0.7	0.19	0.06	<5	<0.1	<0.02	1.4
1478981	Reverse	0.032	18.9	99.7	1.37	213.6	0.098	<20	1.79	0.029	1.06	0.4	3.6	0.66	0.03	<5	0.2	<0.02	3.7
1478982	Reverse	0.014	21.5	16.5	0.22	133.9	0.020	<20	0.68	0.035	0.40	0.4	1.1	0.32	0.06	<5	0.3	0.07	2.1
1478983	Reverse	0.011	20.5	5.1	0.06	87.9	0.009	<20	0.40	0.029	0.26	0.4	0.5	0.15	<0.02	<5	0.2	0.03	1.1
1478984	Reverse	0.051	12.0	22.6	1.36	246.4	0.122	<20	1.64	0.063	0.52	0.2	5.3	0.26	0.02	<5	0.3	<0.02	3.8
1478985	Reverse	0.032	16.0	90.0	1.23	208.9	0.089	<20	1.60	0.038	0.49	0.2	5.2	0.27	0.09	19	0.5	0.03	4.0
1478986	Reverse	0.015	28.1	29.6	0.24	131.3	0.012	<20	0.64	0.028	0.32	0.4	1.1	0.25	0.05	8	0.7	0.05	1.8
1478987	Reverse	0.012	21.0	6.0	0.09	83.6	0.007	<20	0.47	0.030	0.26	0.3	0.6	0.36	0.07	<5	0.4	<0.02	1.6
1478988	Reverse	0.014	16.8	37.7	0.29	84.1	0.012	<20	0.67	0.030	0.30	0.8	1.4	0.36	0.08	<5	0.5	<0.02	2.0
1478989	Reverse	0.013	13.7	12.6	0.14	80.7	0.011	<20	0.59	0.030	0.29	2.3	0.9	0.26	0.04	5	0.7	<0.02	1.7
1478990	Reverse	0.014	17.3	10.6	0.15	98.8	0.008	<20	0.61	0.027	0.27	1.1	1.0	0.22	0.04	<5	0.8	<0.02	1.8

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Client: **Richards, Gordon**
6410 Holly Park Drive
Delta British Columbia V4K 4W6 Canada

Project: DUBLOON
Report Date: August 19, 2020

CERTIFICATE OF ANALYSIS WHI20000142.1

	Method	WGHT	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
1478991	Reverse	1.09	5.10	51.14	65.63	42.2	205	1.9	2.0	260	0.92	5.4	3.3	<0.2	13.5	41.5	0.33	0.31	0.42	3	1.14
1478992	Reverse	1.11	2.62	38.12	50.91	38.8	161	2.6	2.1	253	0.91	6.7	3.1	<0.2	13.0	33.9	0.35	0.25	0.33	4	1.00
1478993	Reverse	1.85	2.66	27.94	61.17	46.5	190	2.2	2.0	266	0.93	8.6	2.9	0.3	12.6	52.4	0.40	0.22	0.40	3	1.10
1478994	Reverse	1.38	3.88	16.02	55.00	44.5	198	1.9	1.7	275	0.89	4.5	2.0	0.4	11.2	37.8	0.29	0.21	0.61	3	0.66
1478995	Reverse	1.56	2.78	19.73	44.35	41.4	189	1.9	1.8	241	0.93	6.0	2.3	0.4	10.6	38.4	0.22	0.15	0.53	3	0.61

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	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
1478991	Reverse	0.015	23.7	7.3	0.11	94.4	0.010	<20	0.55	0.031	0.31	1.1	0.9	0.36	0.07	7	0.9	<0.02	1.7
1478992	Reverse	0.014	25.1	10.8	0.11	90.4	0.010	<20	0.55	0.035	0.31	0.8	0.8	0.29	0.05	<5	0.4	0.03	1.6
1478993	Reverse	0.014	26.0	8.5	0.15	88.0	0.007	<20	0.61	0.029	0.28	0.4	0.8	0.30	0.04	7	0.4	0.02	1.8
1478994	Reverse	0.015	18.3	8.7	0.13	86.6	0.012	<20	0.57	0.029	0.27	0.7	0.9	0.27	0.03	5	0.2	<0.02	1.8
1478995	Reverse	0.013	17.2	7.5	0.13	89.1	0.013	<20	0.55	0.033	0.25	0.5	0.8	0.25	0.04	<5	0.2	<0.02	1.8

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QUALITY CONTROL REPORT WHI20000142.1

	Method	WGHT	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
Pulp Duplicates																					
1478944	Reverse Circ	1.67	3.12	16.47	39.58	42.7	103	7.0	3.1	364	1.29	14.2	2.7	0.8	9.6	56.6	0.19	0.08	0.20	8	1.02
REP 1478944	QC		3.36	17.27	42.80	46.0	96	7.0	3.3	365	1.31	14.3	2.8	0.8	9.9	57.3	0.17	0.08	0.21	8	1.05
1478978	Reverse Circ	0.59	3.58	14.68	31.61	20.3	122	1.0	1.3	335	0.68	6.5	1.2	<0.2	11.8	31.6	0.21	0.05	0.26	2	0.92
REP 1478978	QC		3.91	14.92	32.35	19.4	118	1.1	1.2	343	0.70	6.5	1.2	<0.2	11.8	32.1	0.22	0.04	0.26	2	0.96
Core Reject Duplicates																					
1478912	Reverse Circ	1.23	1.46	33.20	26.39	31.9	73	5.5	2.6	447	0.80	2.5	2.4	0.3	12.7	38.1	0.28	0.08	0.09	4	1.13
DUP 1478912	QC		1.46	29.85	26.38	29.4	65	6.3	2.5	439	0.75	2.8	2.5	0.7	13.4	36.6	0.24	0.08	0.09	4	1.12
1478946	Reverse Circ	1.19	2.71	23.15	34.72	42.3	113	2.9	1.9	289	1.15	9.7	2.8	1.9	10.9	41.8	0.26	0.06	0.18	4	0.72
DUP 1478946	QC		2.75	23.76	36.52	43.7	111	2.8	2.1	294	1.17	10.3	2.9	2.1	11.3	42.5	0.24	0.07	0.18	4	0.72
1478980	Reverse Circ	0.86	1.26	18.31	52.80	42.3	129	2.9	2.3	436	0.92	0.5	2.4	<0.2	12.5	33.4	0.25	0.03	0.20	4	1.09
DUP 1478980	QC		1.21	19.53	51.91	40.8	119	2.8	2.0	436	0.86	0.2	2.3	<0.2	12.2	32.6	0.28	0.04	0.18	3	1.11
Reference Materials																					
STD BVGEO01	Standard		10.47	4395.78	183.34	1740.1	2529	164.9	24.4	711	3.69	117.9	3.9	214.2	14.6	55.4	6.30	1.82	24.90	73	1.31
STD DS11	Standard		14.90	147.33	140.53	343.5	1709	79.8	13.3	1055	3.11	45.7	2.4	66.9	8.2	69.7	2.40	7.46	11.94	50	1.05
STD DS11	Standard		13.05	140.76	124.59	326.6	1606	78.4	13.0	1035	3.13	41.8	2.2	46.8	6.9	63.7	2.34	5.90	10.74	49	1.06
STD DS11	Standard		15.20	157.75	144.64	351.6	1729	83.3	15.0	1011	3.13	43.9	2.9	75.9	9.6	70.3	2.44	8.22	13.03	50	1.05
STD OREAS262	Standard		0.61	115.64	57.32	149.3	442	64.0	26.8	548	3.20	36.5	1.2	56.2	9.7	37.4	0.62	3.23	1.04	21	2.95
STD OREAS262	Standard		0.60	113.71	54.43	152.8	460	63.9	27.4	531	3.22	35.8	1.2	46.4	9.0	34.4	0.68	1.69	0.96	21	2.95
STD OREAS262	Standard		0.59	108.78	51.34	146.9	446	61.8	27.6	556	3.31	36.5	1.1	45.4	8.4	34.9	0.64	1.55	0.95	22	3.02
STD OREAS262	Standard		0.69	119.07	59.95	160.2	467	65.3	29.5	542	3.39	37.0	1.3	66.9	10.8	36.9	0.64	3.33	1.14	22	2.96
STD BVGEO01 Expected			10.8	4415	187	1741	2530	163	25	733	3.7	121	3.77	219	14.4	55	6.5	2.2	25.6	73	1.3219
STD DS11 Expected			13.9	149	138	345	1710	77.7	14.2	1055	3.1	42.8	2.59	79	7.65	67.3	2.37	7.2	12.2	50	1.063
STD OREAS262 Expected			0.68	118	56	154	450	62	26.9	530	3.284	35.8	1.22	65	9.33	36	0.61	3.39	1.03	22.5	2.98
BLK	Blank		<0.01	0.05	0.02	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	0.2	<0.5	<0.01	<0.02	<0.02	<1	<0.01
BLK	Blank		<0.01	0.06	0.02	<0.1	<2	<0.1	<0.1	<1	<0.01	0.2	<0.1	<0.2	0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01
BLK	Blank		<0.01	<0.01	0.03	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01
BLK	Blank		<0.01	<0.01	0.03	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	0.2	<0.5	<0.01	<0.02	<0.02	<1	<0.01
Prep Wash																					

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Project: DUBLOON
Report Date: August 19, 2020

QUALITY CONTROL REPORT WHI20000142.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
Pulp Duplicates																			
1478944	Reverse Circ	0.012	18.5	21.7	0.35	196.2	0.028	<20	0.93	0.041	0.46	0.3	1.6	0.40	0.02	<5	0.1	<0.02	2.6
REP 1478944	QC	0.013	18.8	21.7	0.35	195.2	0.028	<20	0.94	0.042	0.46	0.3	1.7	0.43	0.02	<5	0.2	<0.02	2.6
1478978	Reverse Circ	0.012	25.8	3.8	0.05	92.7	0.002	<20	0.42	0.030	0.28	0.4	0.5	0.11	0.04	<5	<0.1	<0.02	0.9
REP 1478978	QC	0.012	26.8	3.9	0.05	94.8	0.002	<20	0.42	0.032	0.28	0.4	0.4	0.12	0.04	<5	<0.1	<0.02	0.9
Core Reject Duplicates																			
1478912	Reverse Circ	0.014	27.7	16.5	0.12	106.9	0.010	<20	0.46	0.039	0.32	0.2	0.6	0.17	0.11	<5	0.3	0.03	1.3
DUP 1478912	QC	0.014	26.8	16.9	0.12	93.9	0.010	<20	0.43	0.033	0.30	0.2	0.6	0.17	0.13	6	0.2	0.04	1.2
1478946	Reverse Circ	0.011	21.1	10.3	0.16	175.2	0.028	<20	0.74	0.057	0.35	0.7	1.5	0.29	0.02	<5	<0.1	0.02	2.5
DUP 1478946	QC	0.011	22.5	10.8	0.16	177.7	0.028	<20	0.75	0.057	0.35	0.7	1.4	0.31	0.02	<5	0.2	<0.02	2.6
1478980	Reverse Circ	0.013	29.1	8.6	0.16	116.2	0.010	<20	0.53	0.036	0.34	0.5	0.7	0.19	0.06	<5	<0.1	<0.02	1.4
DUP 1478980	QC	0.013	28.8	8.1	0.16	105.1	0.010	<20	0.50	0.033	0.33	0.5	0.7	0.18	0.06	<5	<0.1	<0.02	1.2
Reference Materials																			
STD BVGEO01	Standard	0.073	27.3	172.1	1.28	334.6	0.237	<20	2.27	0.185	0.86	3.5	5.8	0.65	0.67	102	4.6	1.00	7.2
STD DS11	Standard	0.070	18.8	58.4	0.85	424.5	0.093	<20	1.14	0.074	0.41	2.7	3.4	4.95	0.29	273	2.3	4.78	5.0
STD DS11	Standard	0.073	17.3	55.3	0.85	397.4	0.088	<20	1.16	0.073	0.40	2.3	2.9	4.72	0.28	224	1.8	4.60	5.0
STD DS11	Standard	0.067	20.0	62.7	0.85	463.0	0.101	<20	1.15	0.076	0.40	2.4	3.1	5.22	0.28	267	2.3	4.93	5.3
STD OREAS262	Standard	0.042	14.0	40.7	1.17	246.9	0.003	<20	1.21	0.067	0.29	0.1	3.2	0.45	0.27	151	0.3	0.25	3.8
STD OREAS262	Standard	0.038	15.2	43.9	1.17	242.7	0.003	<20	1.21	0.065	0.30	<0.1	3.2	0.44	0.26	144	0.3	0.20	3.8
STD OREAS262	Standard	0.039	15.8	42.0	1.20	241.3	0.003	<20	1.29	0.068	0.31	<0.1	3.4	0.43	0.27	169	0.2	0.24	4.0
STD OREAS262	Standard	0.039	16.6	44.9	1.21	262.2	0.003	<20	1.29	0.072	0.31	<0.1	3.4	0.47	0.26	182	0.4	0.20	3.9
STD BVGEO01 Expected		0.0727	25.9	171	1.2963	340	0.233		2.347	0.1924	0.89	3.5	5.97	0.62	0.6655	100	4.84	1.02	7.37
STD DS11 Expected		0.0701	18.6	61.5	0.85	417	0.0976		1.129	0.0694	0.4	2.9	3.1	4.9	0.2835	260	2.2	4.56	4.7
STD OREAS262 Expected		0.04	15.9	41.7	1.17	248	0.003		1.3	0.071	0.312	0.13	3.24	0.47	0.269	170	0.4	0.23	3.9
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1
Prep Wash																			

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QUALITY CONTROL REPORT WHI20000142.1

		WGHT	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
ROCK-WHI	Prep Blank		0.84	22.71	1.58	37.2	22	0.4	3.4	469	1.87	0.9	0.4	1.0	2.5	21.1	0.05	0.03	<0.02	24	0.56
ROCK-WHI	Prep Blank		0.88	20.34	1.57	36.2	20	0.6	3.9	456	1.88	1.0	0.5	<0.2	2.6	25.5	0.02	0.04	<0.02	24	0.55

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		AQ250 P % 0.001	AQ250 La ppm 0.5	AQ250 Cr ppm 0.5	AQ250 Mg % 0.01	AQ250 Ba ppm 0.5	AQ250 Ti % 0.001	AQ250 B ppm 20	AQ250 Al % 0.01	AQ250 Na % 0.001	AQ250 K % 0.01	AQ250 W ppm 0.1	AQ250 Sc ppm 0.1	AQ250 Tl ppm 0.02	AQ250 S % 0.02	AQ250 Hg ppb 5	AQ250 Se ppm 0.1	AQ250 Te ppm 0.02	AQ250 Ga ppm 0.1
ROCK-WHI	Prep Blank	0.043	5.8	3.8	0.46	55.9	0.077	<20	0.84	0.074	0.08	<0.1	2.8	<0.02	<0.02	<5	<0.1	<0.02	3.5
ROCK-WHI	Prep Blank	0.042	6.5	3.7	0.46	69.3	0.088	<20	0.87	0.086	0.09	<0.1	3.0	<0.02	<0.02	5	<0.1	<0.02	3.7