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

BC Geological Survey
Assessment Report
37700

Assessment Report
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: TECHNICAL

TOTAL COST: 11306.87

AUTHOR(S): DEV RISHY-MAHARAJ (281925) **SIGNATURE(S):** Dev Rishy-Maharaj

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): 5698772 **YEAR OF WORK:** 2018

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

PROPERTY NAME: OLIVER

CLAIM NAME(S) (on which the work was done): 1052283 1059871

COMMODITIES SOUGHT: COPPER GOLD SILVER

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 103I 155 , 103I 243

MINING DIVISION: OMINECA **NTS/BCGS:** 103I . 016

LATITUDE: 52 ° 81 '17 " **LONGITUDE:** -128 ° 24 '81 " **(at centre of work)**

OWNER(S):
1) DEV RISHY-MAHARAJ (281925) 2) ADAM P. ADSHEAD (285272)

MAILING ADDRESS:
950 MUNRO STREET, KAMLOOPS BC V2C 1G4

OPERATOR(S) [who paid for the work]:
1) PROPERTY OWNERS 2)

MAILING ADDRESS:
950 MUNRO STREET, KAMLOOPS BC V2C 1G4

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):
HAZELTON GROUP, TELKWA FORMATION, PORPHYRY COPPER, TWO GOAT, OLIVER NORTH, KITSUMKALUM INTRUSIVE SUITE, BOWSER LAKE GROUP, DIABASE, RHYOLITE, DACITE, CHALCOPYRITE, MALACHITE, ALKALIC PORPHYRY, SUB-VOLCANIC PORPHYRY

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 08133, 30463, 31303

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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	CONFIRMATION OF ARIS 08133	1052283 1059871	
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for...)			
Soil			
Silt			
Rock	10 SAMPLES ICP-MS 36 ELEMENT	1052283 1059871	630.00
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)	TWO GOAT SHOWING AREA	1052283 1059871	
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:	11306.87

2018 GEOCHEMICAL ASSESSMENT REPORT

ON THE

OLIVER PROPERTY

LOCATED IN THE
OMINECA MINING DIVISION
BRITISH COLUMBIA

NTS: 103I.016

CENTERED AT:
Latitude: 54 81 17 N
Longitude: 128 24 81 W

UTM: 548,324 mE; 6,074,092 mN
NAD 83, Zone 09N

OWNERS: Dev Rishy-Maharaj (281925) (75%),
Adam P. Adshead (285272) (25%)

OPERATOR:

DRM Exploration Consulting
950 Munro Street
Kamloops, BC, V2C 3G1

AUTHOR:

Dev Rishy-Maharaj, *B.Sc.* Geology

Date: November 27th 2018

The Oliver Copper-Gold-Silver Prospect

Omineca Mining Division

Figure 1 – Copper stained mineralized outcrop at Two Goat showing

Oliver Property, May 28th 2018

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1.0 SUMMARY

The Oliver Property (the "Property") is a grassroots-stage mineral exploration project, staked in 2017 following the compilation of historic assessment reports and subsequent identification of an unclaimed high-priority Cu-Au-Ag target in the Terrace, BC area. The project is located in northwestern British Columbia, about 47 km northeast of Terrace, BC. The Property has good road access and is located 2.8 km east of Highway 16, roughly midway between Terrace and Kitwanga. The Property is reached by following the R18243 A0 forest road, eastward from the highway along the south bank of the Little Oliver Creek drainage.

Mineralization identified to date has been characterized as both low-grade porphyry-style copper-gold-silver, and high-grade lode mesothermal Au-Qtz veining, based on the observed lithologies, ore assemblages, alteration, and multi-element Cu-Ag-Au geochemical signature. Rocks collected on the Property have shown both disseminated and vein-hosted polymetallic mineralization, contained primarily in pervasively altered volcanic and intrusive rocks, attributed to the Hazelton and Bowser Lake Groups.

Mineralization is thought to be Sub-volcanic Cu-Ag-Au (L01) or Alkalic Porphyry (L03) deposit type, along with rare high-grade Au-Qtz veining (I01), up to 22.8 g/t Au (ATNA "Bryanne Property" Report, 1988). The conceptual deposit type at the Property has yet to be fully determined.

The Property was identified as a viable target area in late 2016 after an exhaustive review of known MINFILE showings in the Terrace area. Of particular interest were two separate showings termed the Two Goat (No. 103I 155) and Oliver North (No. 103I 243) showings, located north of Little Oliver Creek, discovered in 1980 and 2008 respectively.

The Two Goat showing was discovered in 1980 by GSC Research Scientist, Dr. Tom Richards. His description of the showing location and mineralization are detailed in ARIS 08133. Dr. Richards describes the showing as follows:

> "Copper mineralization is distributed over a length of 1000 meters within buff rhyolite and appears to be fracture controlled. Copper distribution is erratic and appears in four zones (A, B, C, and D), and in each of these zones faulting is extensive"

The zones are contained in rusty, heavily fractured, shallowly dipping rhyolites and also within a diabase unit, which sits conformably below the rhyolite basal contact. Individual zone widths are up to 160 meters (Richards, 1980). The mineralized area described above has been catalogued and located by the BCGS as a known MINFILE (No. 103I 155), but no assay values for precious or base metals are reported in the 1980 report. In addition, no assays specific to the showing are available, despite the 1980 report describing significant mineralization.

A hand drawn map (Richards, 1980) detailing the Two Goat showing location was digitized and rectified by the author in 2017. The historic map contained no local control points; as such, the georeferencing was completed by matching individual drainage and cliff locations to modern satellite imagery and GIS data. Following the review of the historic assessment report ARIS 08133 and rectification of Two Goat showing location, the Property was staked in April 2017 to cover the mineralized area.

This report details a small program of geochemical sampling and prospecting completed during the early 2018 field season from May 27-30th 2018, with the primary goal of reaching the GIS referenced location of the Two Goat showing, as shown in the 1980 report. Work consisted of outcrop sampling at the showing with modern GPS-based location accuracy and comprehensive multi-element ICP-MS assay determinations. The Property was visited by Project Geologist, Dev Rishy-Maharaj, and Senior Field Assistant, Adam Adshead on two separate trips from Smithers, BC on May 28th and 29th 2018.

Ten total rock samples were taken during the May 2018 technical program, focused on tight-spaced sampling along the mineralized cliff locations shown in the 1980 Two Goat Mineralization Zone Map. Sampling was completed in a west-to-east pattern, terrain permitting, over the two days spent on the property.

The 2018 rock sampling program was very successful at locating copper mineralization in the historic Two Goat map area. Results from the rock sampling program were highly anomalous for both copper and silver, up to 2.94 % Cu and 133 g/t Ag respectively, and weakly anomalous for gold, up to 0.152 g/t Au. Of the ten rock samples taken during the two days on the Property, only a single sample had a copper determination below 2500 ppm, with four samples exceeding 10,000 ppm Cu (1.0 % Cu). Observed mineralization was predominantly chalcopyrite and malachite, as veins and disseminations in both rhyolite and diabase, consistent with historical descriptions. The vast majority of samples were collected from in-situ rock outcrops.

The rough dimensions of the mineralized area are, as determined by the May 2018 sampling, roughly 500 meters strike length east-west, with a poorly constrained horizontal thickness of mineralized rhyolite and diabase, estimated to be at least 100 meters. This thickness could not be accurately measured due to difficult terrain which prevented crew access. The northern boundary of the mineralized zone remains open, and may extend to the Oliver North showing 1.2 km distant, with values up to 3.62 g/t Au and 1.226 % Cu in rock outcrop (Bilquist, 2008).

Additional prospecting is planned at both the Oliver North showing and along the south side of Little Oliver Creek, in the cliffs above the ATNA high-grade gold (22.8 g/t Au) sample location found in 1988. Future work at the Property will also consist of a high-resolution magnetic survey over the entire Two Goat - Oliver North area. Historic reports indicate a possible correlation between magnetite and Cu-Au mineralization (Bilquist, 2008).

2.0 INTRODUCTION

The Oliver Property (the "Property") is a grassroots-stage mineral exploration project, staked in 2017 following the compilation of historic assessment reports and identification of an unclaimed high-priority Cu-Au-Ag target in the Terrace, BC area. The project is located in northwestern British Columbia, about 47 km northeast of Terrace, BC. The tenure group has good road access and is located 2.8 km east of Highway 16, roughly midway between Terrace and Kitwanga.

This report details geochemical sampling and prospecting completed during the early 2018 field season from May 27-30th 2018, with the primary goal of locating the historical Two Goat showing as described in ARIS 08133 report, and resampling the showing using modern exploration methods.

The 2018 rock sampling program was very successful at locating copper mineralization in the historic Two Goat showing area. Results from the rock sampling program were highly anomalous for both copper and silver, up to 2.94 % Cu and 133 g/t Ag respectively, and weakly anomalous for gold, up to 0.152 g/t Au.

Of the ten rock samples taken during the two days on the Property, only a single sample had a copper determination below 2500 ppm, with four samples exceeding 10,000 ppm Cu (1.0 % Cu).

3.0 LOCATION AND ACCESS

The Oliver Property is a 1044 hectare contiguous set of mineral claims located in northwestern British Columbia in the Omineca Mining Division (NTS 103I.016), approximately 47 km northeast of Terrace, BC.

The tenure group sits roughly midway between Terrace and Kitwanga is located 2.8 km east of Highway 16, covering the lower portion Little Oliver Creek drainage and surrounding ridgelines. The Property is generally bounded by the Skeena River to the west and by the Seven Sisters Provincial Park to the North. To the east the Property is bounded by the J2 Syndicate Empire Claims.

The Property can be reached by two separate Forest Service Roads which extend east from Highway 16.

- The R18243 A0 forest road provides access to the northern tenure group, eastward from the Highway 16 along the southern bank of the Little Oliver Creek drainage. This road allows efficient access and comes to within 500 meters of the Two Goat showing, which was main target area sampled during the May 2018 program.
- The R16688 A0 Forest Road provides access to the southern tenure group, from Highway 16 via switchbacks up and along a north-south ridgeline adjacent to the Skeena River. This road provided access for the late- 2018 program (assays pending).

Figure 2 – 4x4 truck access on the northern FSR R18243 A0 route

Both access routes are in a current condition more appropriately described as a trail than a forest road. Nevertheless they remain in passable condition for a capable 4x4 to proceed at a slow pace over the majority of their mapped length. A minor washout has occurred on the northern access road (R18243 A0) at the 6 km marker.

Crews parked at the washout daily and proceeded to the work area by crossing over to the north bank of Little Oliver Creek. Crossing the creek proved to be problematic in May 2018 due to the high flow condition. With some effort, a safe crossing was located on a large fallen cedar and used to cross the rapidly flowing creek. From the crossing point the sampling area was located 250 meters up a talus slope, along steep cliffs which run parallel to Little Oliver Creek below.

Generally, terrain on the Property is moderate to steep and consists of north, south, and westward facing slopes segmented by Little Oliver Creek. The Little Oliver Creek drainage is canyonized in the center or the claims, which provides excellent outcrop exposure but slows access.

Terrain challenges are also present in other areas on the Property, with some steeper slopes requiring mountaineering gear for safe access.

Extreme terrain above the Two Goat showing prevented crews from accessing mineralized veins which could be seen from below.

Helicopter charter to access the upper tenure may be required for some locations. Numerous helipad locations were found during foot traverse and marked by GPS positioning.

For future work programs these sites may be used for daily helicopter charter to the upper elevations to maximize crew coverage.

Numerous helicopter charter operators are available from Terrace and Smithers, BC.

Figure 3 – Steep terrain near the Two Goat showing. Cu-oxide stained cliffs can be seen above.

LOCATION MAP

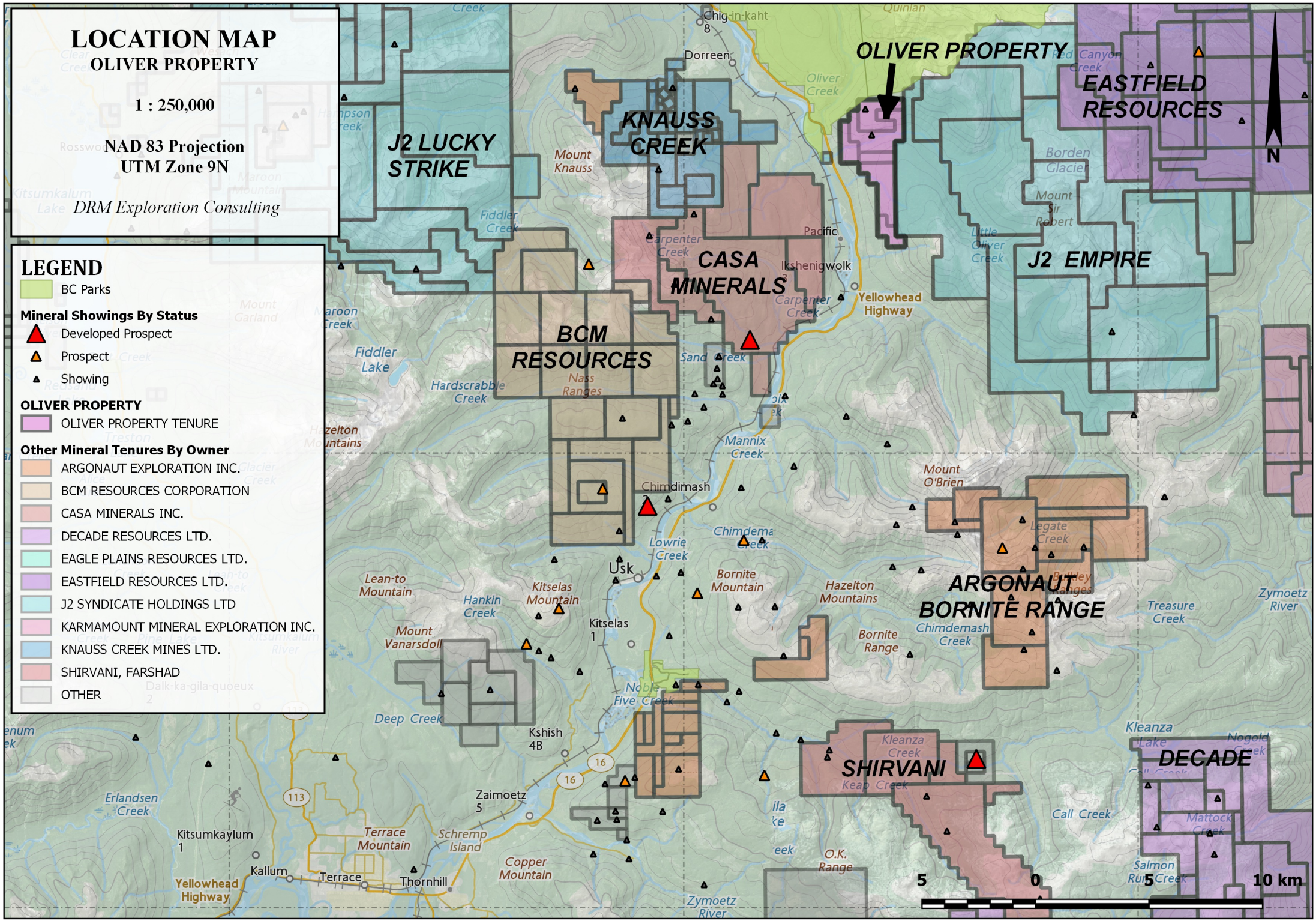
OLIVER PROPERTY

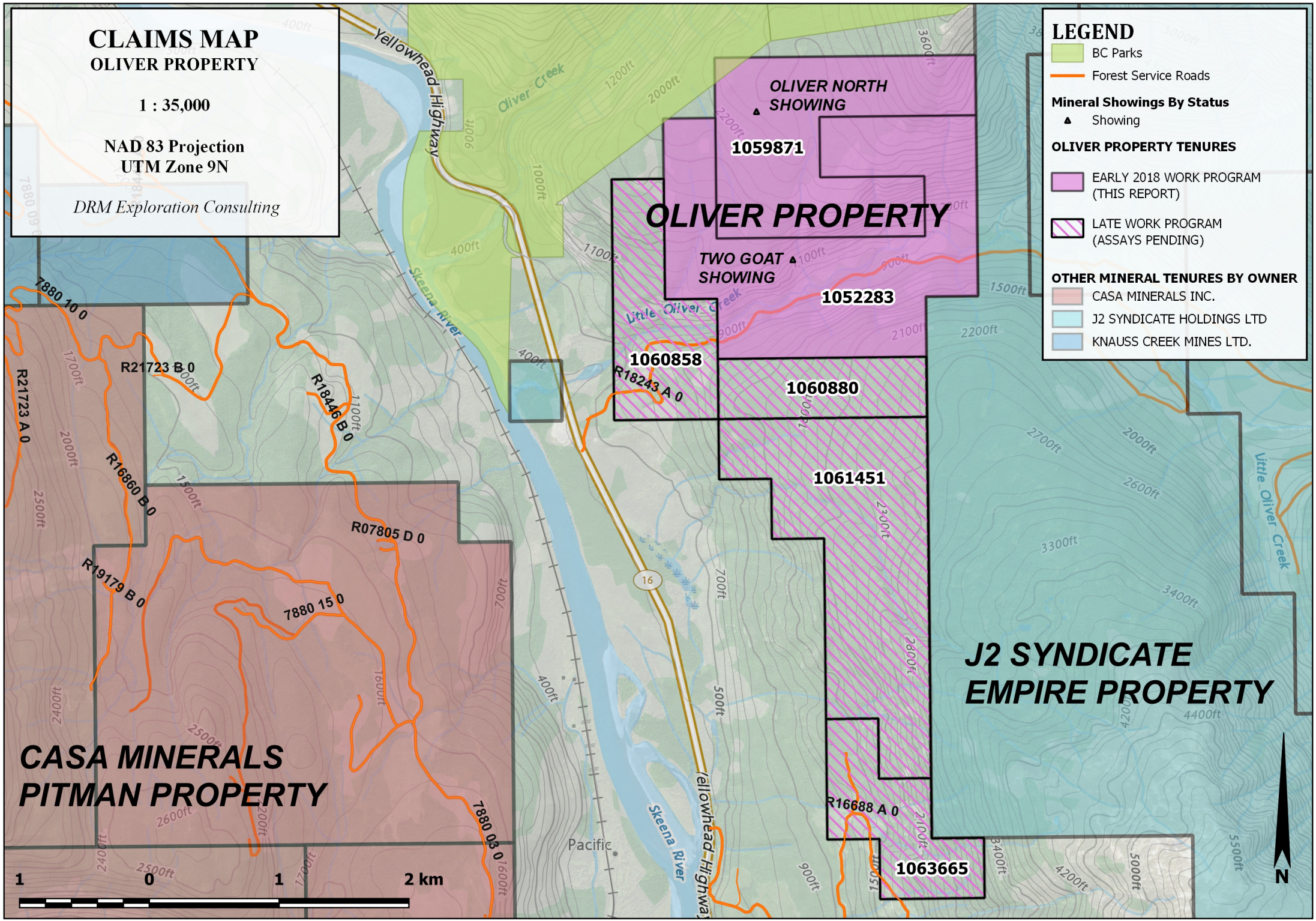
1 : 6,000,000

Oliver Property

BC Albers Projection
UTM Zone 9N

DRM Exploration Consulting


LOCATION MAP
OLIVER PROPERTY
1 : 250,000
NAD 83 Projection
UTM Zone 9N
DRM Exploration Consulting
LEGEND
BC Parks
Mineral Showings By Status
Developed Prospect
Prospect
Showing
OLIVER PROPERTY
OLIVER PROPERTY TENURE
Other Mineral Tenures By Owner
ARGONAUT EXPLORATION INC.
BCM RESOURCES CORPORATION
CASA MINERALS INC.
DECADE RESOURCES LTD.
EAGLE PLAINS RESOURCES LTD.
EASTFIELD RESOURCES LTD.
J2 SYNDICATE HOLDINGS LTD
KARMAMOUNT MINERAL EXPLORATION INC.
KNAUSS CREEK MINES LTD.
SHIRVANI, FARSHAD
OTHER
OLIVER PROPERTY
J2 LUCKY STRIKE
KNAUSS CREEK
EASTFIELD RESOURCES
J2 EMPIRE
CASA MINERALS
BCM RESOURCES
ARGONAUT BORNITE RANGE
SHIRVANI
DECADE
N
520000
540000
560000
6060000
6040000
Chig-in-kaht 8
Dorreen
Pacific
Ikshenigwolk
Yellowhead Highway
Chimdimash
Usk
Kitselas 1
Kshish 4B
Zaimoetz 5
Kitsumkaylum 1
Kallum
Terrace
Thornhill
Mount Knauss
Fiddler Creek
Carpenter Creek
Hardscrabble Creek
Fiddler Lake
Nass Ranges
Sand Creek
Mannix Creek
Lowrie Creek
Chimdemash Creek
Lean-to Mountain
Kitselas Mountain
Hankin Creek
Mount Vanarsdoll
Deep Creek
Noble Five Creek
Bornite Mountain
Hazelton Mountains
Bornite Range
Mount O'Brien
Legate Creek
Treasure Creek
Zymoetz River
Kleanza Creek
Kleanza Lake
Nogold Creek
Call Creek
Mattock Creek
Salmon Run Creek
O.K. Range
Copper Mountain
Schremp Island
Terrace Mountain
Erlandsen Creek
Yellowhead Highway
16
113
5 0 5 10 km


CLAIMS MAP
OLIVER PROPERTY
1 : 35,000
NAD 83 Projection
UTM Zone 9N
DRM Exploration Consulting
LEGEND
BC Parks
Forest Service Roads
Mineral Showings By Status
Showing
OLIVER PROPERTY TENURES
EARLY 2018 WORK PROGRAM (THIS REPORT)
LATE WORK PROGRAM (ASSAYS PENDING)
OTHER MINERAL TENURES BY OWNER
CASA MINERALS INC.
J2 SYNDICATE HOLDINGS LTD
KNAUSS CREEK MINES LTD.
OLIVER PROPERTY
OLIVER NORTH SHOWING
TWO GOAT SHOWING
1059871
1052283
1060858
1060880
1061451
1063665
R18243 A 0
R16688 A 0
CASA MINERALS PITMAN PROPERTY
J2 SYNDICATE EMPIRE PROPERTY
7880 10 0
R21723 B 0
R21723 A 0
R18446 B 0
R16860 B 0
R19179 B 0
R07805 D 0
7880 15 0
7880 03 0
Yellowhead Highway
Skeena River
Oliver Creek
Little Oliver Creek
Little Oliver Creek
Pacific
16
1 0 1 2 km
N

4.0 PHYSIOGRAPHY, CLIMATE, AND LOCAL SERVICES

The Oliver Property is located along the western slopes of the Bulkley Ranges, on the eastern side of the valley containing the Skeena River. The Property covers the lower section of Little Oliver Creek including ridges to the north and south of the deeply incised and canyonized central drainage.

Mountainous terrain dominates the region and the topography within the tenure ranges from moderate slopes to extremely steep, from 180 meters ASL at Little Oliver Creek to 1250 meters ASL near the tenure northern boundary approaching Seven Sisters Provincial Park. Nearby peaks include Mt. Sir Robert (2388 m) 6.8 km to the southeast and Mt. Quinlan (2095 m) 3.8 km to the northeast.

The region is characterized by cold, very snowy winters and short, warm to cool summers. Precipitation is variable throughout the year and can be heavy with frequent storms crossing the region from the Pacific Ocean. The typical exploration season runs from late-May to late-October.

The property is heavily forested with mature stands of spruce, fir and cedar.

A logging road traverses the property along the south bank of Little Oliver Creek, providing access to a few widely-spaced cut blocks on the slopes in the valley containing the upper Little Oliver Creek tributaries immediately southeast and east of the Property.

Figure 7 – Mature stand of old growth Cedar and mixed Fir with Devils Club undergrowth

The Property lies 47 km from the service town of Terrace, BC with all-year lodging available and fuel, food, and machine shop. Limited grid-power is available within the Skeena River valley, which services a few widely spaced residential and commercial properties in the valley bottom.

Charter helicopter services in the region are provided by Yellowhead Helicopters out of Terrace, BC and Silver King Helicopters, out of Smithers, BC with estimated flight time from the helicopter base to the Property at less than one hour.

5.0 CLAIMS AND OWNERSHIP

The Oliver Property consists of six mineral titles covering 1044.04 hectares in an elongate north-south trending block measuring 6.5 x 2.5 km. Information from British Columbia's Mineral Titles Online (MTO) website indicates that all of the claims listed in Table 1 are owned 75 % by Dev Rishy-Maharaj (281925), 25 % by Adam P. Adshead (285272).

Exploration work during the May 2018 program was conducted solely on the OLIVER2017B and OLIVER2018A claims.

Table 1 – Oliver Property Claims

Title Number	Claim Name	Owner	Issue Date	Good To Date	Status	Area (ha)
1052283	OLIVER2017B	281925 (75%)	2017/MAY/31	2021/NOV/22*	GOOD	298.23
1059871	OLIVER2018A	281925 (75%)	2018/APR/07	2021/NOV/22*	GOOD	205.00
1060858	OLIVER2018B	281925 (75%)	2018/MAY/30	2019/MAY/30	GOOD	111.86
1060880	OLIVER2018C	281925 (75%)	2018/MAY/31	2019/MAY/31	GOOD	74.58
1061451	OLIVER2018C	281925 (75%)	2018/JUN/29	2019/JUN/29	GOOD	261.09
1063665	OLIVER2018D	281925 (75%)	2018/OCT/07	2019/OCT/07	GOOD	93.29
					TOTAL	**1044.04**

*pending acceptance of this report

	Claims worked during May 2018 Program (This report)

6.0 EXPLORATION HISTORY

- **NO PRIOR EXPLORATION HISTORY BEFORE 1980**

- **1980 – TOM RICHARDS (ARIS 08133)**

- INITIAL DISCOVERY OF TWO GOAT SHOWING
- A 1000 meter long area of extensive chalcopyrite + malachite mineralization is discovered by Dr. Tom Richards in cliffs to the north of Little Oliver Creek.
- Copper mineralization is contained in rusty rhyolite and diabase rock units
- Best mineralized zones appear to be fracture controlled.
- Copper distribution is erratic and appears in four zones (A, B, C, and D)
- Two Goat Mineral Showing recorded in MINFILE database as No. 103I 155
- No assays are listed

- **1988 SEASON – ATNA EXPLORATION "BRYANNE CLAIMS"**

- PROSPECTING, SOIL SAMPLING, ROCK SAMPLING
- Rock sampling returns high gold values, up to 22.8 g/t Au in Rock (float) along southern slopes above Little Oliver Creek. Copper values up to 1.3 %.
- North side of Oliver Creek (Two Goat?) rock samples return modest gold numbers (170 ppb Au). It is unclear if these samples are from the Two Goat showing.
- Two types of mineralization are documented:
    - South of Oliver Creek, Qtz-Cpy-Mt-Chl assemblage in foliated rocks, which appear representative of an Au-bearing major east-west trending cross fault
    - North of Oliver Creek, Qtz-Cpy assemblage in non-foliated extrusives
- Planned follow up on gold bearing structure south of Little Oliver Creek.
- No documented follow up, claims are allowed to lapse.

- **2008 SEASON – RON BILQUIST (ARIS 30463)**

- PROSPECTING, SILT SAMPLING, ROCK SAMPLING
- Claims are staked due to rumored gold values associated with copper and magnetite both north and south of Little Oliver Creek.
- A number of traverses are attempted to cross the creek to the north but high water limits crew access.
- Only one traverse is completed across the creek, resulting in the discovery of the Oliver North MINFILE No. 103I 243
- Oliver North showing rock sampling up to 1.226 % Cu and 3.62 g/t Au in pervasively altered volcanic and sub-volcanic dacites / rhyolites.
- Mineralization assemblage similar to previous workers with Qtz-Cpy-Mt.
- Elevated Cu-Au values show strong correlation with magnetite replacement, seen as the "Signature of Mineralization"
- Evidence of a possible intrusive located proximal to Oliver North showing is noted.

- **2009 SEASON – RON BILQUIST AND JAMES DAWSON (ARIS 31303)**

- SILT SAMPLING, "BASE OF SLOPE" SOIL GRID, ROCK SAMPLING
- 12 silts collected (6 moss mats, 6 stream sediments), 184 soil samples at base of slope. below and proximal to ATNA 22.8 g/t historic sample site. 6 rock samples collected.
- Rock samples range from 146 ppm up to 7394 ppm Cu, collected on south side of Little Oliver Creek. Moss mat samples in Little Oliver creek up to 4579.4 ppb Au.
- Soil survey results negative, no gold anomaly identified.
- Claims are allowed to lapse.

7.0 REGIONAL GEOLOGY

Dawson (2009) has succinctly described the Regional Geology in the Oliver project area as follows:

> "The northeastern part of the Terrace area is located immediately east of an important geological boundary; that between the Coast and Intermontane belts.
>
> The area around the Oliver Property encompasses two geological domains: the southern tip of the Bowser Basin and a late Paleozoic to Middle Jurassic portion of the Stikine Terrane (the Hazelton Group).
>
> The Bowser Lake Group of mid Jurassic to mid Cretaceous age has been interpreted as a back-arc and foredeep clastic wedge on Stikinia. It is composed of marine and non-marine sediments shed from uplifts to the north, east and south.
>
> The Hazelton Group is a Lower to Middle Jurassic volcanic assemblage of the Stikine Terrane. In the northeast part of Terrace map sheet (103I), it is composed of the Smithers and Telkwa Formations.
>
> The Smithers Formation consists of greenish volcanic sandstone, siltstone, tuff, tuffaceous sediments and tuff breccia of lower Middle Jurassic age.
>
> Telkwa formation is comprised of a sequence of Late Triassic to early Jurassic calc-alkaline basalt to rhyolite breccia, tuff and flows with minor intra-volcanic sediments. Locally red and green tuff and lesser breccia are noted.
>
> Rocks of the Bowser Lake and Hazelton groups are relatively unmetamorphosed considering their proximity to large plutonic bodies and high-grade metamorphic rocks of the Coast Plutonic Complex. Nelson and Kennedy (2007) note that the geology, structure and mineralization observed in the Terrace area results from the conjunction of two fundamental provinces within the British Columbia Cordillera.
>
> Stratigraphically and in terms of its older (Early Jurassic) plutons, the area is part of the Stikine Terrane. Structurally it shows a strong influence of the eastern Coast Belt Orogen."

The geology as described above is shown in the following Regional Geology map (Figure 8, shown below).

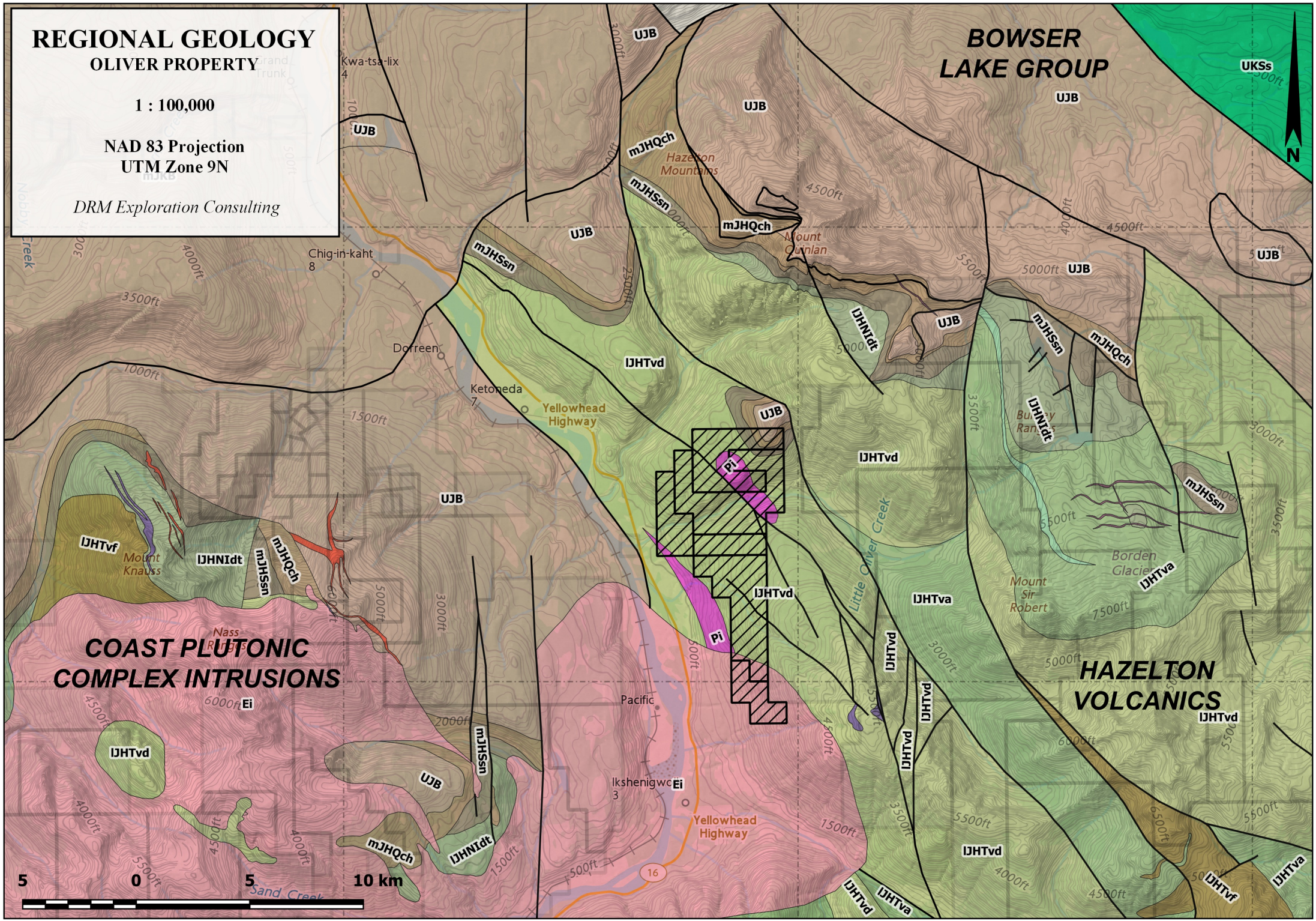
A notable late addition is the recent mapping of intrusive units (Pi) attributed to the Paleocene aged Kitsumkalum Intrusive Suite which appear to intrude the center of the claim group, although these units were not observed during the early 2018 field program. The mapped location of the intrusives are consistent with observations by Bilquist (2008) and should be investigated further.

REGIONAL GEOLOGY
OLIVER PROPERTY

1 : 100,000

NAD 83 Projection
UTM Zone 9N

DRM Exploration Consulting



LEGEND

MINERAL TENURES

OLIVER PROPERTY

OTHER MINERAL TENURES

BCGS Faults (2018)

BCGS Faults (2018)

BCGS Regional Geology (2018)

Ei - Granite, minor granodiorite; biotite and hornblende; fresh, undeformed or weakly deformed; ca. 52-53 Ma

Pi - Kitsumkalum plutonic suite. Foliated to unfoliated granite, granodiorite, diorite.

Er - White rhyolite dyke

UKSs - Undifferentiated marine sedimentary rocks, sandstone, siltstone, argillite, chert pebble conglomerate

JKdk - Granodiorite dykes, fine to medium grained

lJHNIdt - Bright maroon-red dacite tuff

lJHNIvb - Basalt flows, dark green, fine grained to aphanitic, aphyric

lJHTs - Green, thin-bedded tuffaceous interval north of Mt. Sir Robert - in upper Telkwa Fm.

lJHTva - Andesite flows in upper Telkwa Formation; coherent, variably amygdaloidal, plagioclase-phyric; also basalt, dacite, rhyolite

lJHTvb - Basalt flows, dark green, fine grained to aphanitic, aphyric

lJHTvd - Dacite with minor rhyolite in upper Telkwa Formation; coherent, volcaniclastic; welded in places.

lJHTvf - Rhyolite and minor dacite in upper Telkwa Formation; coherent, volcaniclastic; cream, lavender, pink.

lJKv - White weathering, light grey rhyolite lapilli tuff, welded tuff, ignimbrite, grey coherent rhyolite; minor basalt; ca 194-195 Ma

mJHQch - "Pyjama beds" alternating, thin bedded black / dark grey and pale green weathering siliceous siltstone and felsic tuff

mJHSsn - Marine, shallow water feldspathic sandstone,siltstone, argillite, wacke, locally glauconitic and limy,minor ash, crystal and lapilli tuff, volcaniclastics, limestone

mJKB - Undivided; interbedded epiclastic feldspathic and volcanic conglomerate, sandstone, siltstone, shale and argillite

UJB - Bowser Lake Group. Sandstone, siltstone, shale, conglomerate; incipient foliation and hornfels overprints.

8.0 PROPERTY GEOLOGY

The property is underlain primarily by light to dark colored, massive to banded dacites and lesser rhyolites which are part of the Telkwa Formation of the Hazelton Group. These rocks are overlain by a sequence of andesite, basalt flows and their subsequent fragmentals, also attributed to the Hazelton Group, which are in fault contact with the more felsic units (Dawson, 2009).

A small inlier of younger rocks representing clastic sediments of the Smithers Formation and overlying marine sediments of the Bowser Lake Group are present in one area near the northeastern boundary of the claims (Dawson, 2009). These units were not observed during the May 2018 program.

According to recent BCGS mapping (Nelson, 2007) the Property is intruded by variably to strongly foliated granite and granodiorite of the Paleocene Kitsumkalum Intrusive Suite.

Rock types encountered during the May 2018 work program are consistent with previous workers and with the original mapping completed in 1980 by Richards (Figure 11, below).

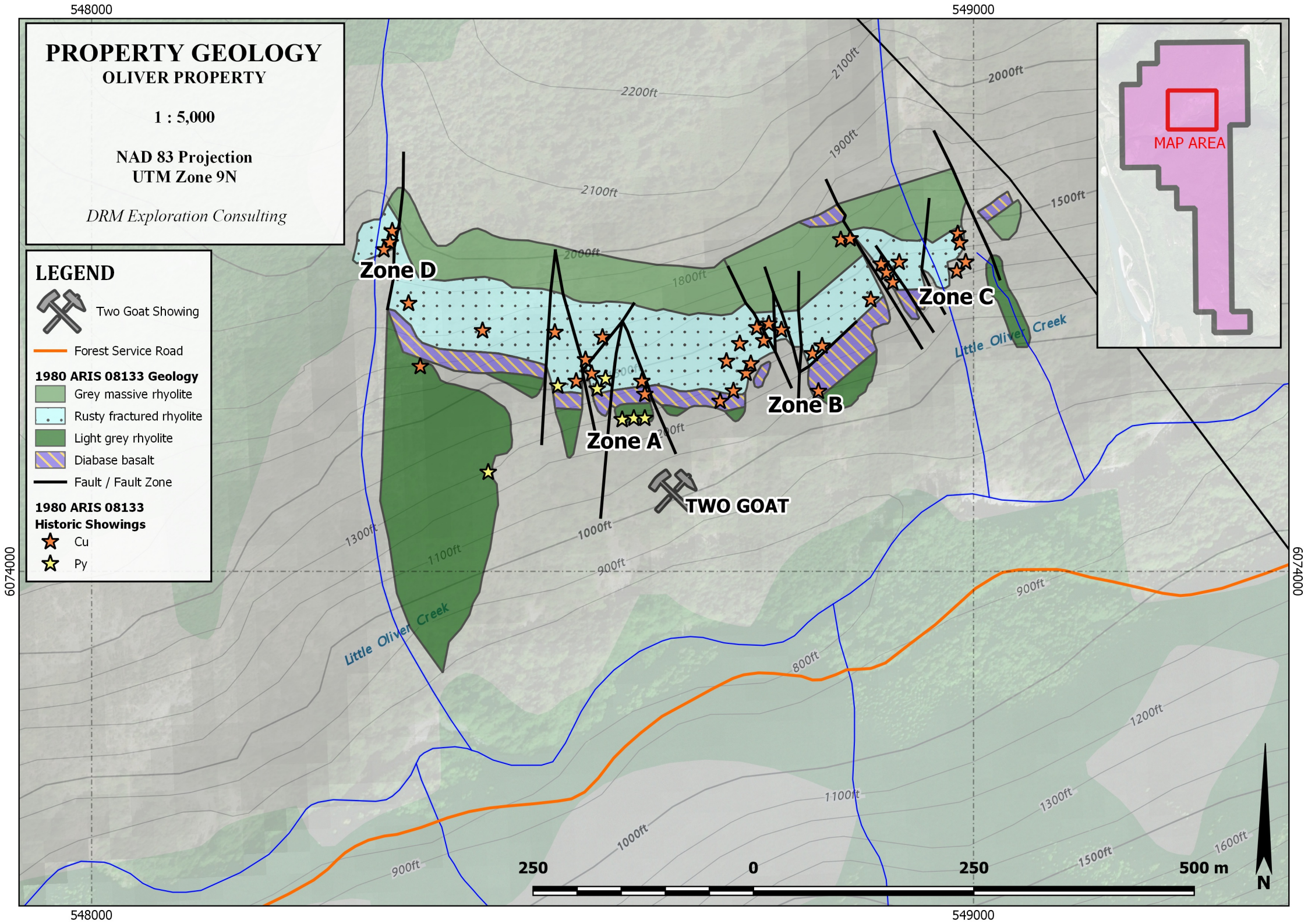
Common rhyolite, dacite, and diabase flows are seen throughout the sampling area. Both rhyolite and diabase units were shown to host significant mineralization.

The Kitsumkalum Intrusive Suite was not observed during the 2018 field program, the actual extent of intrusives within the claims is not currently known.

Figure 10 – Mineralized diabase basalt unit in hand sample at Oliver Property

Two elongate, fault bounded lenses of the intrusive suite are shown to occur in BCGS Bedrock Geology mapping near the central part of the Property. These units may correspond to mineralized intrusives described previously by Bilquist in 2009.

Future work programs will consist of detailed mapping to delineate the intrusives within the more widespread Hazelton Group volcanic strata. Additional sampling of the intrusives will determine if these units have any temporal and spatial connection with the distribution of copper and / or gold mineralization at the Property.


PROPERTY GEOLOGY
OLIVER PROPERTY
1 : 5,000
NAD 83 Projection
UTM Zone 9N
DRM Exploration Consulting
LEGEND
Two Goat Showing
Forest Service Road
1980 ARIS 08133 Geology
Grey massive rhyolite
Rusty fractured rhyolite
Light grey rhyolite
Diabase basalt
Fault / Fault Zone
1980 ARIS 08133
Historic Showings
Cu
Py
MAP AREA
Zone D
Zone A
Zone B
Zone C
TWO GOAT
Little Oliver Creek
Little Oliver Creek
548000
549000
6074000
6074000
250
0
250
500 m
N

9.0 SCOPE OF WORK

The 2018 field program at the Oliver Property was conducted by DRM Exploration Consulting personnel: geologist Dev Rishy-Maharaj and field assistant Adam Adshead. The work consisted of four man-days of rock sampling and prospecting. Before the field program could be executed, a fairly complicated series of georeferencing (described below) was finalized to aid in finding the specific mineralized zone that was originally reported in ARIS 08133 (Richards, 1980).

Table 2 – Oliver Property Detailed Schedule – May 2017 Work Program

Personnel	Field Days	Days	Work Performed	Samples Taken:		
				Silt	Rock	Soil
Dev Rishy-Maharaj	May 27-30th 2018	4	Prospecting, sampling	0	5	0
Adam Adshead	May 28-29th 2018	2	Prospecting, sampling	0	5	0
TOTAL		**6**	**TOTAL**	**0**	**0**	**0**

9.1 DATA ASSEMBLY / HISTORIC MAP RECTIFICATION

The initial phase of planning and executing work at the Property consisted of locating and digitizing the Two Goat showing, as originally detailed in assessment report ARIS 08133 (Richards, 1980). Of particular importance were the 250K scale Claims Location Map and 25K scale Mineral Zone Map, corresponding to 08133-4 and 08133-11 respectively.

The first stage of the rectification was performed by georeferencing the historic 250K Claims Location Map (08133-4) to a modern GIS indicated location using the BCGS rivers Shapefile.

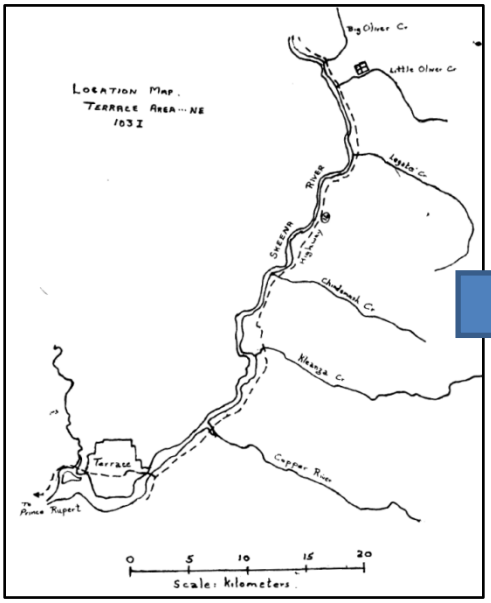


Figure 13 – Historic Map showing 1980 Claims Location (08133-4)

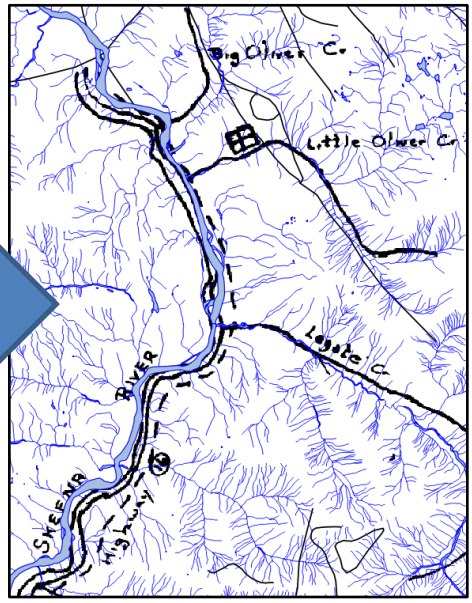


Figure 12 – Referenced claim map overlay in GIS with modern streams Shapefile

The second stage of the rectification was completed by matching the Claims Location Map (08133-4), as seen above (Figure 12), and the 25K Two Goat Mineral Zone Map (08133-11) as shown below (Figure 14). Care was taken to scale and rotate the 25K map to best fit the spacing and distribution of creeks as shown in modern GIS data.

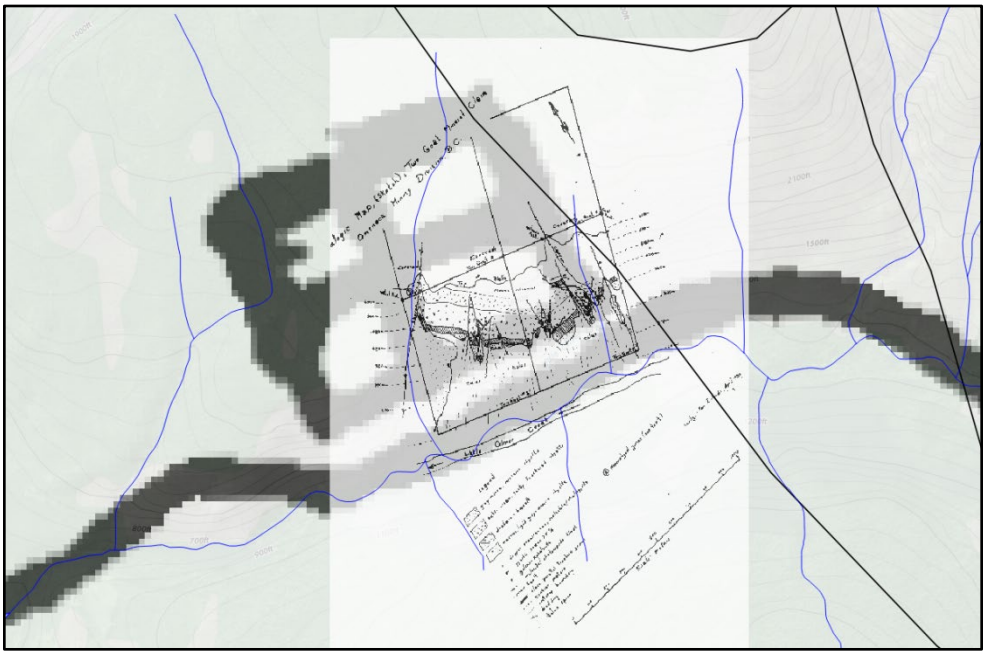


Figure 14 – Referencing, scaling and rotation of 25K map (08133-11) overlay with referenced 250K scale map (08133-4) and modern Shapefile (streams, rivers, topography) data beneath

The final stage of the rectification and data assembly was the digitization of the referenced Mineral Zone Map (08133-011) into Shapefiles corresponding to the geology, faulting, and individual mineral showing locations (Cpy, Py) as shown below (Figure 15).

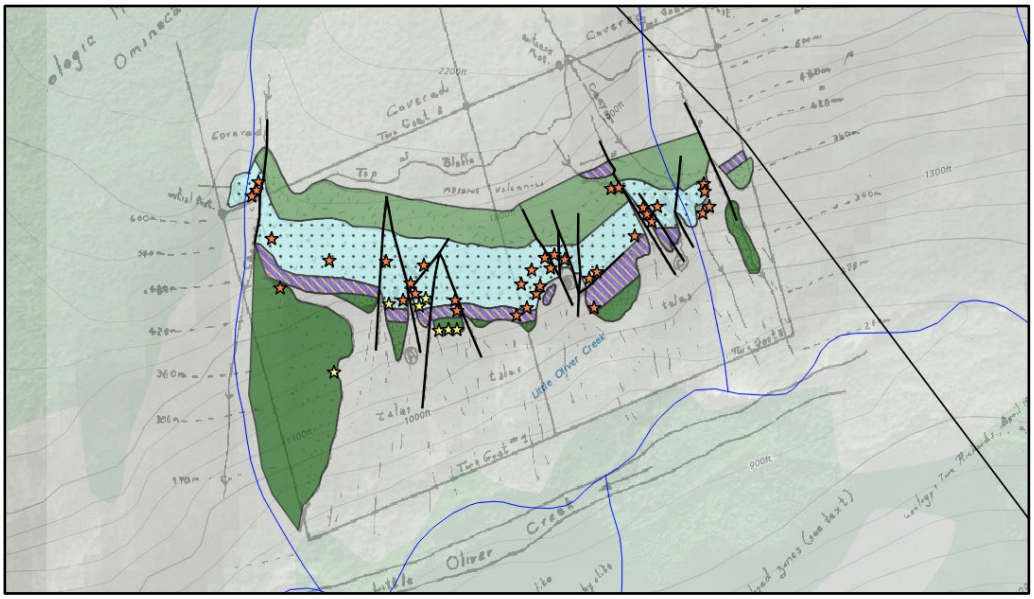


Figure 15 – Final GIS representation of historic map (08133-4) following referencing and digitization of pertinent map features (geology, faulting, mineral showings)

9.2 ROCK SAMPLING

Rock sampling during the May 2018 program was focused on the Two Goat area. The digitized 1980 Two Goat Mineral Zone Map was uploaded to a handheld GPS-enabled tablet, providing live positioning data superimposed on a GIS map application. This interface directed crews to the individual mineral showings and zones within the larger Two Goat area where the majority of the sampling was completed.

Samples were collected over two days of field traverses. Crews started on the south side of Oliver Creek, proceeded to the northern bank and then approached the sampling area by walking up the talus slopes below.

Samples were taken at mineralized outcrops varying from 25 to 150 meters apart. Field crews attempted to collect samples from each of the four zones (A,B,C,D) as detailed in ARIS 08133.

Most of the sampling was focused on outcrops where abundant common Cu-ox coatings were visible (Figure 16). The abundance of Cu-ox coatings in the Two Goat area provided an exceptional visual aid in finding mineralized outcrops.

Figure 16 – Cu-Ox mineralization on outcrop in the Two Goat sampling area

Each sample was photographed, described, and categorized in the field according to sample material (float, subcrop, outcrop). Each sample and sample site was also photographed. Unfortunately the field camera used to document the sample photos and the sample site locations was lost in the field and could not be recovered.

All sample sites were marked with labeled pink flagging tape. UTM coordinates for sample sites were determined using Garmin GPSMAP 64s units. Sample site UTM coordinates were also recorded on handheld assay booklets as an additional backup.

Ten total rock samples were collected from the Two Goat target area from outcrops on both sides of Little Oliver Creek.

Rock samples were analyzed by Activation Labs, Kamloops, B.C., an accredited analytical laboratory. The whole sample (<7kg) was crushed up to 80 % passing 2 mm, split (250 g) and pulverized (mild steel) to 95 % passing 105 µm (RX1 preparation).

A 0.5 g sample of the pulverized material was then digested in aqua regia at 90 °C in a microprocessor-controlled digestion block for 2 hours. Digested samples were diluted and analyzed by ICP/MS, UT-1M Ultra-Trace method, for the detection of the following elements (Figure 17).

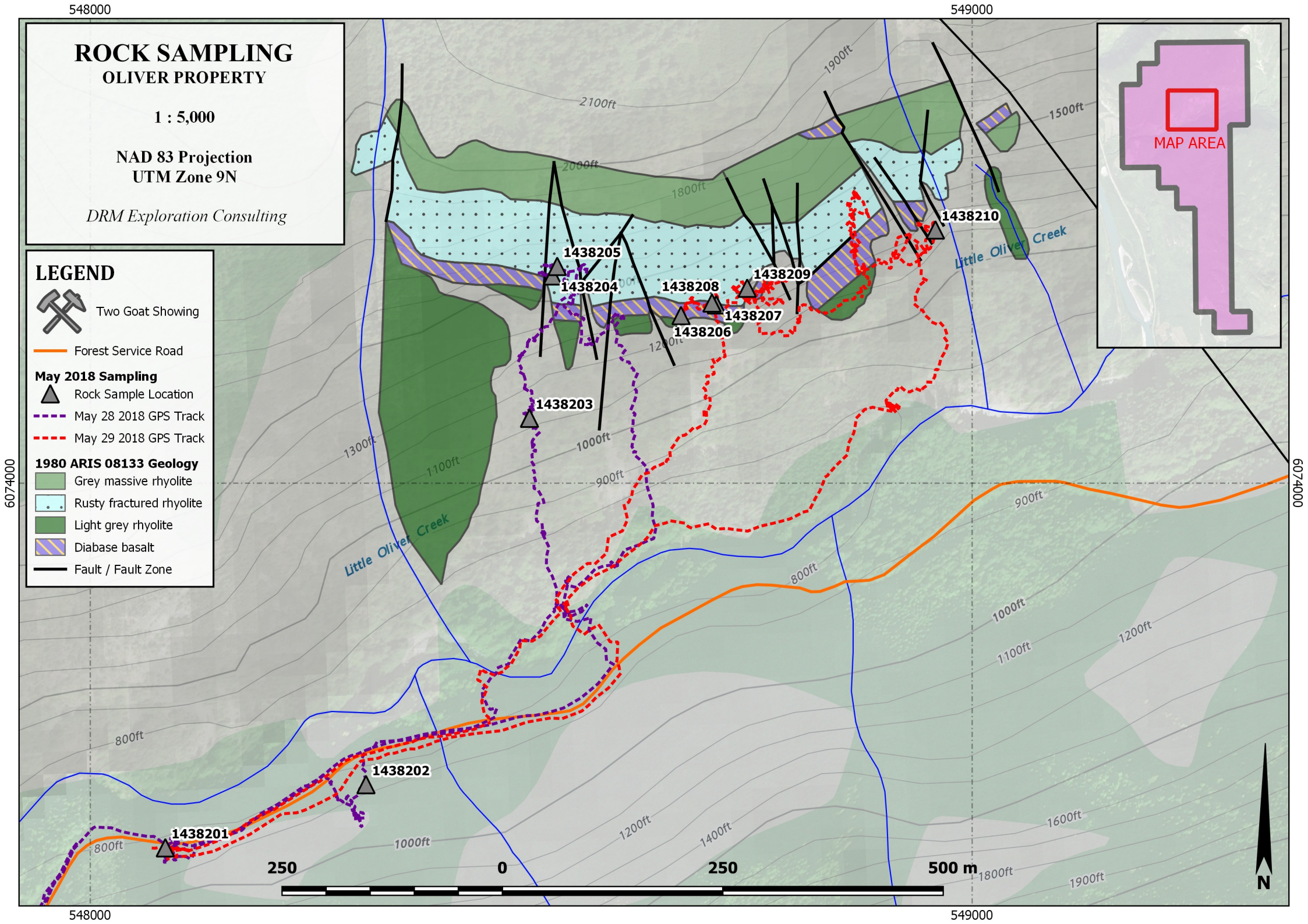
Samples were also analyzed by the 1A2 Fire Assay method, with atomic absorption finish for gold and silver, up to a 5000 ppb detection limit for Au and 100 ppm detection limit for Ag

Ore-grade overlimit silver determinations (>100 ppm) were performed when neccessary according to the 8-Ag analytical method, which can detect values up to 1000 g/t Ag.

Code UT-1M - Elements and Detection Limits (ppm, except where noted)

Element	Detection Limit	Upper Limit	Element	Detection Limit	Upper Limit	Element	Detection Limit	Upper Limit
Ag	0.1	100	Fe	0.01 %	30 %	S +	1 %	20 %
Al	0.01 %	8 %	Ga	1	1,000	Sb	0.1	500
As	0.5	10,000	Hg	0.01	50	Sc	0.1	10,000
Au	0.5 ppb	1,000 ppb	K	0.01 %	5 %	Se	0.5	10,000
B	20	2,000	La	1	10,000	Sr	1	5,000
Ba	1	10,000	Mg	0.01 %	10 %	Te	0.2	500
Bi	0.1	2,000	Mn	1	10,000	Th	0.1	200
Ca	0.01 %	50 %	Mo	0.1	10,000	Ti	0.001 %	10 %
Cd	0.1	2,000	Na	0.001 %	5 %	Tl	0.1	500
Co	0.1	5,000	Ni	0.1	10,000	V	2	1,000
Cr	1	10,000	P	0.001 %	5 %	W	0.1	200
Cu	0.2	10,000	Pb	0.1	5,000	Zn	1	5,000

Figure 17 – Act Labs UT-1M assay method: Elements analyzed and detection limits


ROCK SAMPLING
OLIVER PROPERTY
1 : 5,000
NAD 83 Projection
UTM Zone 9N
DRM Exploration Consulting
LEGEND
Two Goat Showing
Forest Service Road
May 2018 Sampling
Rock Sample Location
May 28 2018 GPS Track
May 29 2018 GPS Track
1980 ARIS 08133 Geology
Grey massive rhyolite
Rusty fractured rhyolite
Light grey rhyolite
Diabase basalt
Fault / Fault Zone
MAP AREA
1438201
1438202
1438203
1438204
1438205
1438206
1438207
1438208
1438209
1438210
Little Oliver Creek
548000
549000
6074000
250
0
250
500 m
N

10.0 RESULTS

10.1 DATA ASSEMBLY / HISTORIC MAP RECTIFICATION

The completed ARIS 08133 map digitization and data assembly can be seen in the Property Geology Map above (Figure 11).

10.2 ROCK SAMPLING

The 2018 rock sampling program was very successful at locating copper mineralization in the historic Two Goat map area. Results from the rock sampling program were highly anomalous for both copper and silver, up to 2.94 % Cu and 133 g/t Ag respectively, and weakly anomalous for gold, up to 0.152 g/t Au. Of the ten rock samples taken during the two days on the Property, only a single sample had a copper determination below 2500 ppm, with four samples exceeding 10,000 ppm Cu (1.0 % Cu). Observed mineralization was predominantly chalcopyrite and malachite, as veins and disseminations in both rhyolite and diabase, consistent with historical descriptions. The vast majority of samples were collected from in-situ rock outcrops.

The rough dimensions of the mineralized area are, as determined by the May 2018 sampling, roughly 500 meters strike length east-west, with a poorly constrained horizontal thickness of mineralized rhyolite and diabase, estimated to be at least 100 meters. This thickness could not be accurately measured due to difficult terrain which prevented crew access. The northern boundary of the mineralized zone remains open, and may extend to the Oliver North showing 1.2 km distant, with values up to 3.62 g/t Au and 1.226 % Cu in rock outcrop (Bilquist, 2008).

Table 3 – 2018 Rock Sample Locations with Copper, Gold, Silver Values

Sample ID	UTM_E_9N	UTM_N_9N	Occurrence	Cu (ppm)	Au (ppb)	Ag (ppm)
1438201	548085	6073586	Outcrop	2560	12	3.7
1438202	548313	6073658	Float	5.5	5	0.2
1438203	548498	6074074	Float	2530	12	5
1438204	548524	6074235	Outcrop	7570	5	16.6
1438205	548529	6074246	Outcrop	10300	103	22.8
1438206	548670	6074190	Outcrop	9860	158	14.5
1438207	548710	6074202	Outcrop	4270	82	10.7
1438208	548705	6074204	Outcrop	12000	35	28.4
1438209	548745	6074221	Outcrop	29400	42	133
1438210	548958	6074287	Outcrop	13300	14	26.4

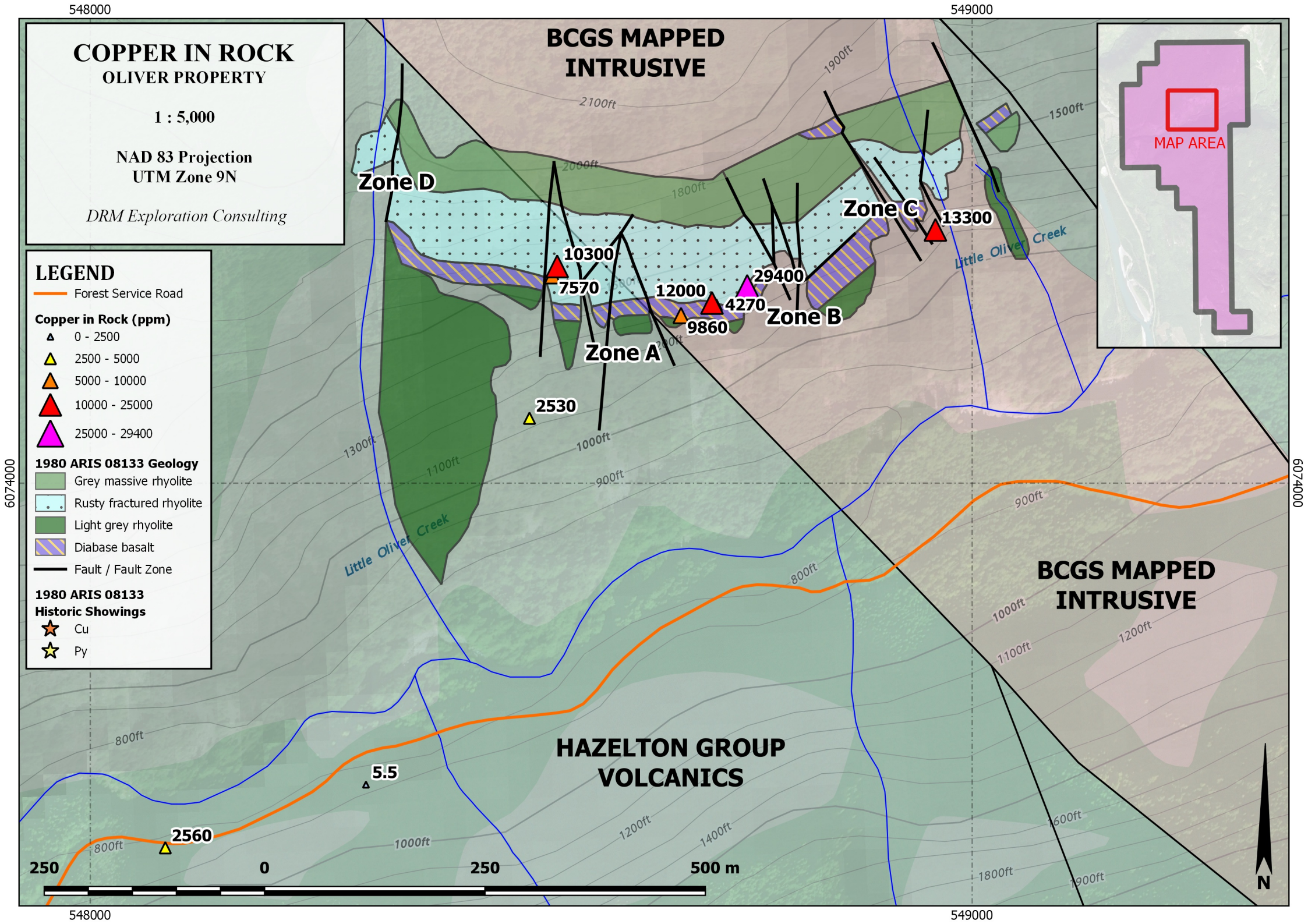
Table 4 – Rock Sample Descriptions

Sample ID	UTM_E_9N	UTM_N_9N	Occurrence	Description
1438201	548085	6073586	Outcrop	Light brown weathered, dark grey brown laminated rhyolite. Moderate silicification. 1-2% pyrite as f.g. disseminations and mm-scale veinlets, 0.5 % cpy, trace malachite on fx surfaces. From south side of road outcrop where truck was parked.
1438202	548313	6073658	Float	Rusty brown weathered, dark grey fresh laminated rhyolite. Flow banded. Moderate silicification. 1% pyrite as f.g. disseminations, trace cpy and malachite on fx surfaces. From talus pile south side of road near creek crossing cutoff.
1438203	548498	6074074	Float	Dark grey to orange weathered, white to buff quartz vein, 6cm apparent thickness. Hosted in dark green chlorite altered diabase. 3-5% pyrite, 1% cpy, malachite on fx surfaces. Angular float material collected in talus slope below "Zone A"
1438204	548524	6074235	Outcrop	Brown and green (malachite) weathered, buff fresh rusty fractured rhyolite. 3% pyrite 2% cpy with mm-scale blebs and veinlets throughout rock. Malachite as disseminations within rock mass and as coatings on fx surfaces. Rock outcrop from "Zone A". Veinlets 130 / 75
1438205	548529	6074246	Outcrop	Light brown, reddish oxide and blue-green (malachite) weathered, buff fresh rusty fractured rhyolite. Silicified. 5% pyrite 3% cpy with mm-scale blebs and cpy-qtz-carb veinlets throughout rock. Malachite as disseminations within rock mass and as heavy coatings on fx surfaces associated with epidote. Rock outcrop from "Zone A". Veinlets 125 / 45

1438206	548670	6074190	Outcrop	Dark grey to dark brown with blue-green (malachite) weathered, dark grey chlorite-altered massive diabase basalt. Well mineralized. 5% pyrite 3-5% cpy in avg. 2mm blebs, plus qtz-carb-cpy veinlets and f.g. disseminations throughout rock mass. Malachite also as f.g disseminations and fx coatings. Veinlets appear chaotic without preferred orientation. Sample collected from western side of "Zone B", near diabase / rhyolite contact
1438207	548710	6074202	Outcrop	Dark to light orange brown with blue-green (malachite) weathered, dark grey chlorite-altered massive diabase basalt. Moderately mineralized. 3% pyrite 2% cpy in avg. 1mm blebs, qtz-carb-py-cpy veinlets and f.g. disseminations throughout rock mass. Malachite also as f.g disseminations and fx coatings. Veinlets appear chaotic without preferred orientation. Sample collected from outcrop in central "Zone B", on east side of heavily faulted gully. Copper on fx surfaces in this area very common.
1438208	548705	6074204	Outcrop	Grey, tan, light brown to orange with blue-green (malachite) weathered, dark grey to tan heavily fractured rhyolite (?) rock may be on contact between diabase and rhyolite. Silicified with 1-5cm qtz veins cross cutting, variable orientation. Well mineralized with >5% pyrite 3-5% cpy in 3-5 mm blebs, qtz-carb-cpy veins/vnlts and disseminations. Malachite throughout rock. Sample collected from outcrop in central "Zone B", on west side of fault gully.

1438209	548745	6074221	Outcrop	Grey, tan, light brown to orange with blue-green (malachite) weathered, dark grey to tan heavily fractured rusty rhyolite (?). Rock may be on contact between diabase and rhyolite. Silicified with 1-5cm qtz veins cross cutting, variable orientation. Heavily mineralized with >10% sulfides 5% cpy in abundant qtz-carb-cpy-py veins/vnlts and disseminations. Locally rock appears brecciated due to density of veinlets. Malachite and azurite throughout rock as disseminations and fx coatings. Sample collected from outcrop in eastern side of "Zone B". A large malachite (>1m) showing can be seen a few meters above but is not reachable due to impassable cliffs.
1438210	548958	6074287	Outcrop	Grey, light to dark brown with blue-green (malachite) weathered, light brown to buff rusty fractured rhyolite. 3% py 1% cpy mostly as 3-5mm blebs and veinlets, minor f.g. disseminations. Malachite as disseminations and fx coatings. Sample collected from outcrop in central area of "Zone C"

Figure 19 – Vein material from sample 1438209 (2.94 % Cu 133 g/t Ag)


548000
549000
6074000
COPPER IN ROCK
OLIVER PROPERTY
1 : 5,000
NAD 83 Projection
UTM Zone 9N
DRM Exploration Consulting
LEGEND
Forest Service Road
Copper in Rock (ppm)
0 - 2500
2500 - 5000
5000 - 10000
10000 - 25000
25000 - 29400
1980 ARIS 08133 Geology
Grey massive rhyolite
Rusty fractured rhyolite
Light grey rhyolite
Diabase basalt
Fault / Fault Zone
1980 ARIS 08133 Historic Showings
Cu
Py
BCGS MAPPED INTRUSIVE
HAZELTON GROUP VOLCANICS
BCGS MAPPED INTRUSIVE
MAP AREA
Zone D
Zone A
Zone B
Zone C
10300
7570
12000
9860
29400
4270
13300
2530
5.5
2560
Little Oliver Creek
Little Oliver Creek
2100ft
1900ft
1800ft
1500ft
1300ft
1100ft
1000ft
900ft
800ft
1200ft
1400ft
1600ft
1800ft
1900ft
250
0
250
500 m
N

11.0 CONCLUSION AND RECOMMENDATIONS

The 2018 technical program was successful at locating and sampling the mineralization at the Two Goat showing (No. 103I 155) as previously described in Richards 1980 report.

Results from the rock sampling program were highly anomalous for both copper and silver, up to 2.94% Cu and 133 g/t Ag respectively, and weakly anomalous for gold, up to 0.152 g/t Au.

Of the ten rock samples taken during the two days on the Property, only a single sample had a copper determination below 2500 ppm, with four samples exceeding 10,000 ppm Cu (1.0% Cu).

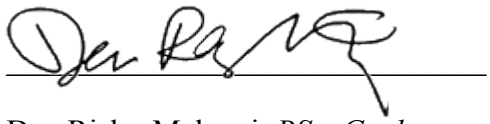
Observed mineralization was predominantly chalcopyrite and malachite, as veins and disseminations in both rhyolite and diabase, consistent with historical descriptions. The vast majority of samples were collected from in-situ rock outcrops.

The dimensions of the mineralized area are roughly 500 meters strike length east-west, with a poorly constrained horizontal thickness of mineralized rhyolite and diabase, estimated to be at least 100 meters. This thickness of the zone could not be accurately measured due to difficult terrain which prevented crew access. The northern boundary of the mineralized zone remains open, and may extend to the Oliver North showing 1.2 km distant, with values up to 3.62 g/t Au and 1.226 % Cu.

Additional prospecting is planned at both the Oliver North showing and along the south side of Little Oliver Creek, in the cliffs above the ATNA high-grade gold (22.8 g/t Au) sample location. More work is needed to augment the existing property scale mapping. Mapping and sampling will be completed with particular interest in the intrusives in the northern claim block at the Oliver North showing.

Future work at the Property will also consist of a high-resolution magnetic survey over the entire Two Goat - Oliver North area. This survey is of particular importance as historic reports indicate a strong correlation between magnetite and Cu-Au mineralization.

Respectfully Submitted,



Dev Rishy-Maharaj, *BSc. Geology*

Principal Geologist, Prospector
DRM Exploration Consulting

November 27th 2018

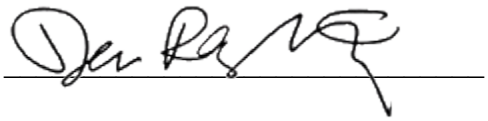
Oliver Property - Statement of Costs

FIELD WORK				
Personnel (Title)	**Dates**	**Days**	**Rate**	**Subtotal**
Dev Rishy Maharaj BSc. Project Geologist	May 27-30 2018	4	$600	$ 2,400.00
Adam Adshead, Senior Field Assistant	May 28-29 2018	2	$450	$ 900.00
	SUBTOTAL:	**6**		**$ 3,300.00**
OFFICE STUDIES				
	Personnel	**Days**	**Rate**	**Subtotal**
Pre-field: Historical Data Comp. and digitize, Plan field program, prepare equipment, supplies	Dev Rishy-Maharaj	2	$500	$ 1,000.00
Post-field: Interpret data, draft maps, prepare assessment report	Dev Rishy-Maharaj	3	$500	$ 1,500.00
	SUBTOTAL:	**5**		**$ 2,500.00**
ANALYTICAL				
	Lab	**No.**	**Rate**	**Subtotal**
Rock Sample Prep: Dry, crush to 2mm, split 250g, pulverize to 95% passing 105 µm (RX-1)	ACT Labs Kamloops BC	10	$11.00	$ 110.00
Analysis - Multi-Element, Aqua Regia, UT-1M (Trace level ICP-MS)	ACT Labs Kamloops BC	10	$17.00	$ 170.00
Analysis - Gold / Silver, Aqua Regia, 1A2 (Fire Assay AA Finish)	ACT Labs Kamloops BC	10	$25.00	$ 250.00
Freight				$ 100.00
	SUBTOTAL:			**$ 630.00**
GEOPHYSICAL				
	Hours	**Days**	**Rate**	**Subtotal**
	0			$ -
	0			$ -
	0			$ -
	SUBTOTAL:			**$ -**
TRAVEL				
	Quantity	**Km's**	**Rate**	**Subtotal**
Fuel and mileage, 2430 km total. Kamloops -> Smithers, BC and return. Plus daily trips from Smithers to Property access road, 42 km west of Kitwanga, BC.		2430	$0.65	$ 1,579.50
4x4 Truck rental days	4		$100.00	$ 400.00
	SUBTOTAL:			**$ 1,979.50**
MEALS & ACCOMMODATION				
	Man-days	**Days**	**Rate**	**Subtotal**
Meals (Field+Travel)	6		$60.00	$ 360.00
Accomodation (Smithers, BC)		3	$150.00	$ 450.00
	SUBTOTAL:			**$ 810.00**
MISCELLANEOUS				
	Man-days	**Days**	**Rate**	**Subtotal**
Consumables: sample bags, flagging, batteries, etc.	6		$35.00	$ 210.00
Equipment Rental: iCom radios, satellite phone, tablets, Garmins, sampling tools etc.	6		$60.00	$ 360.00
	SUBTOTAL:			**$ 570.00**
CORPORATE				
			Rate	**Subtotal**
Project Management Fee (includes insurance, first aid training, safety certifications)			**10%**	**$ 978.95**
	SUBTOTAL			**$ 10,768.45**
	GST			**$ 538.42**
	TOTAL			**$ 11,306.87**

13.0 QUALIFICATIONS

I, Dev A. Rishy-Maharaj, do hereby certify that:

- I am a graduate in Geology from Simon Fraser University (*B.Sc. Geology,* 2016) and have practiced in my profession continuously since 2012.
- Since 2012, I have been involved in mineral exploration for precious and/or base metals in Canada.
- I am presently a Principal Geologist with DRM Exploration Consulting.
- I hold a 75 % ownership in the Oliver Property.
- I am the author of this report.
- This report is based on the geological and geochemical data, collected during the 2018 exploration season at the Oliver Property.



Dev Rishy-Maharaj, *BSc. Geology*

Principal Geologist, Prospector
DRM Exploration Consulting

14.0 REFERENCES

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Richards, T., 1980. Assessment Report on the Two Goat Mineral Claims, Omineca Mining Division, B.C.; Ministry of Energy Mines and Petroleum Resources, Assessment Report 08133

Quality Analysis ... *Innovative Technologies*

Date Submitted: 31-May-18
Invoice No.: A18-07170
Invoice Date: 27-Jun-18
Your Reference:

DRM Exploration
950 Munro St.,
Kamloops BC Canada

ATTN: Dev Rishy Maharaj

CERTIFICATE OF ANALYSIS

10 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Kamloops Au - Fire Assay AA

Code Sieve Report-Kamloops Internal Sieve Report Internal

Code UT-1M-Kamloops Aqua Regia ICP/MS

REPORT **A18-07170**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

Note: Au by this package is not reliable and you should have Au by Fire Assay done if you need accurate Au values.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
9989 Dallas Drive, Kamloops, British Columbia, Canada, V2C 6T4
TELEPHONE +250 573-4484 or +1.888.228.5227 FAX +1.905.648.9613

Analyte Symbol	Au	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni
Unit Symbol	ppb	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.1	0.01	0.5	0.5	20	0.5	0.1	0.01	0.1	0.1	1	0.2	0.01	1	0.01	0.01	1	0.01	1	0.1	0.001	0.1
Method Code	FA-AA	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
1438201	12	3.7	0.40	0.9	3.6	< 20	70.9	< 0.1	0.03	< 0.1	3.0	23	2560	1.31	3	< 0.01	0.10	14	0.12	110	3.2	0.129	2.0
1438202	< 5	0.2	0.57	3.1	6.0	< 20	89.0	1.3	0.08	< 0.1	4.5	13	5.5	1.81	4	< 0.01	0.29	14	0.10	90	3.0	0.159	2.2
1438203	12	5.0	1.26	1.0	9.3	< 20	92.5	0.1	0.56	0.9	7.7	37	2530	4.46	6	< 0.01	0.16	3	0.67	746	3.4	0.037	4.1
1438204	< 5	16.6	0.37	1.8	5.8	< 20	32.9	0.3	1.45	1.6	6.8	8	7570	1.86	2	< 0.01	0.09	15	0.06	436	1.0	0.181	2.4
1438205	103	22.8	1.64	1.4	185	< 20	19.5	2.0	0.77	0.7	18.0	28	> 10000	4.38	8	0.02	0.63	18	0.79	557	10.6	0.090	13.9
1438206	158	14.5	3.17	2.1	108	< 20	81.7	1.2	3.47	0.8	34.3	74	9860	5.76	12	0.02	0.88	12	2.12	1710	0.4	0.082	53.0
1438207	82	10.7	3.60	1.6	52.7	< 20	80.5	0.8	0.33	0.5	35.3	13	4270	12.2	27	0.01	2.39	25	1.47	1000	2.7	0.086	12.5
1438208	35	28.4	1.19	6.5	33.6	< 20	8.4	1.4	0.07	1.3	53.6	10	> 10000	6.08	7	0.01	0.47	7	0.31	237	6.4	0.076	5.1
1438209	42	> 100	0.98	3.1	52.4	< 20	4.1	1.9	0.05	3.1	104	18	> 10000	6.81	7	0.01	0.21	8	0.30	258	11.4	0.044	3.7
1438210	14	26.4	2.23	1.4	18.6	< 20	27.2	1.6	0.03	2.3	21.1	2	> 10000	14.0	18	0.01	0.60	4	0.67	671	6.7	0.022	2.4

Analyte Symbol	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	V	W	Zn	Cu
Unit Symbol	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
Lower Limit	0.001	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	0.1	2	0.1	1	0.001
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	4Acid ICPOES
1438201	0.001	102	< 1	0.2	1.5	0.7	5	< 0.2	2.1	0.009	< 0.1	8	< 0.1	14	
1438202	0.008	1.2	< 1	0.2	2.3	0.8	14	< 0.2	2.7	0.069	< 0.1	8	0.3	4	
1438203	0.060	1.3	< 1	0.1	4.4	0.7	20	< 0.2	0.3	0.022	< 0.1	64	< 0.1	90	
1438204	0.009	7.2	< 1	0.1	1.9	2.2	17	< 0.2	2.5	0.008	< 0.1	9	< 0.1	20	
1438205	0.028	4.0	< 1	0.7	3.7	5.1	35	< 0.2	2.2	0.089	0.1	55	0.2	107	1.03
1438206	0.110	2.8	< 1	1.1	9.4	8.4	128	0.4	0.8	0.395	0.2	156	1.6	152	
1438207	0.034	0.7	< 1	0.4	7.2	4.6	17	0.3	4.2	0.231	0.8	180	< 0.1	175	
1438208	0.007	1.0	3	0.2	1.7	7.5	7	0.4	1.7	0.032	0.1	35	0.5	162	1.20
1438209	0.004	5.6	4	0.1	1.5	19.0	7	0.5	1.3	0.008	< 0.1	31	0.4	73	2.94
1438210	0.009	3.9	< 1	0.2	2.5	9.0	9	0.3	2.2	0.006	< 0.1	77	2.8	102	1.33

Analyte Symbol	Au	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni
Unit Symbol	ppb	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.1	0.01	0.5	0.5	20	0.5	0.1	0.01	0.1	0.1	1	0.2	0.01	1	0.01	0.01	1	0.01	1	0.1	0.001	0.1
Method Code	FA-AA	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
GXR-6 Meas		0.3	7.23	215	61.5	< 20	814	0.2	0.15	< 0.1	13.0	73	63.5	5.52	15	0.08	1.18	10	0.36	998	1.4	0.067	20.6
GXR-6 Cert		1.30	17.7	330	95.0	9.80	1300	0.290	0.180	1.00	13.8	96.0	66.0	5.58	35.0	0.0680	1.87	13.9	0.609	1010	2.40	0.104	27.0
MP-1b Meas																							
MP-1b Cert																							
CZN-4 Meas																							
CZN-4 Cert																							
OREAS 922 (AQUA REGIA) Meas		0.8	2.89	6.4			77.2	10.3	0.40	0.3	19.1	44	2120	5.31	8		0.48	33	1.30	740	0.7	0.024	32.8
OREAS 922 (AQUA REGIA) Cert		0.851	2.72	6.12			70	10.3	0.324	0.28	19.4	40.7	2176	5.05	7.62		0.376	32.5	1.33	730	0.69	0.021	34.3
OREAS 923 (AQUA REGIA) Meas		1.5	2.90	7.2			59.0	19.2	0.40	0.4	21.1	40	4390	6.02	8		0.41	30	1.38	841	0.8		30.3
OREAS 923 (AQUA REGIA) Cert		1.62	2.80	7.07			54	21.8	0.326	0.40	22.2	39.4	4248	5.91	8.01		0.322	30.0	1.43	850	0.84		32.7
PTC-1b Meas																							
PTC-1b Cert																							
CCU-1e Meas																							
CCU-1e Cert																							
OREAS 214 Meas	2960																						
OREAS 214 Cert	3030																						
OREAS 218 Meas	498																						
OREAS 218 Cert	531																						
1438206 Orig	149																						
1438206 Dup	167																						
1438210 Orig																							
1438210 Dup																							
Method Blank		< 0.1	< 0.01	< 0.5	< 0.5	< 20	4.9	< 0.1	< 0.01	< 0.1	< 0.1	< 1	< 0.2	< 0.01	< 1	< 0.01	< 0.01	< 1	< 0.01	< 1	< 0.1	0.009	< 0.1
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank																							

Analyte Symbol	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	V	W	Zn	Cu
Unit Symbol	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
Lower Limit	0.001	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	0.1	2	0.1	1	0.001
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	4Acid ICPOES
GXR-6 Meas	0.035	94.7	< 1	1.4	19.7	< 0.5	29	< 0.2	3.8		1.7	155	< 0.1	118	
GXR-6 Cert	0.0350	101	0.0160	3.60	27.6	0.940	35.0	0.0180	5.30		2.20	186	1.90	118	
MP-1b Meas															3.12
MP-1b Cert															3.07
CZN-4 Meas															0.412
CZN-4 Cert															0.403
OREAS 922 (AQUA REGIA) Meas	0.067	57.7	< 1	0.6	3.4	3.4	15		14.0		0.2	32	1.0	254	
OREAS 922 (AQUA REGIA) Cert	0.063	60	0.386	0.57	3.15	3.44	15.0		14.5		0.14	29.4	1.12	256	
OREAS 923 (AQUA REGIA) Meas	0.062	77.4	< 1	0.5	3.3	5.5	13		13.6		0.2	31	1.6	320	
OREAS 923 (AQUA REGIA) Cert	0.061	81	0.684	0.58	3.09	5.99	13.6		14.3		0.12	30.6	1.96	335	
PTC-1b Meas															7.82
PTC-1b Cert															7.97
CCU-1e Meas															22.8
CCU-1e Cert															22.9
OREAS 214 Meas															
OREAS 214 Cert															
OREAS 218 Meas															
OREAS 218 Cert															
1438206 Orig															
1438206 Dup															
1438210 Orig															1.32
1438210 Dup															1.34
Method Blank	< 0.001	< 0.1	< 1	< 0.1	< 0.1	< 0.5	< 1	< 0.2	< 0.1	< 0.001	< 0.1	< 2	< 0.1	< 1	
Method Blank															
Method Blank															
Method Blank															< 0.001

Quality Analysis ... *Innovative Technologies*

Date Submitted: 31-May-18
Invoice No.: A18-07170 (i)
Invoice Date: 03-Jul-18
Your Reference:

DRM Exploration
950 Munro St.,
Kamloops BC Canada

ATTN: Dev Rishy Maharaj

CERTIFICATE OF ANALYSIS

10 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Kamloops Au - Fire Assay AA

Code Sieve Report-Kamloops Internal Sieve Report Internal

Code UT-1M-Kamloops Aqua Regia ICP/MS

REPORT **A18-07170 (i)**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

Note: Au by this package is not reliable and you should have Au by Fire Assay done if you need accurate Au values.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

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Analyte Symbol	Ag
Unit Symbol	g/tonne
Lower Limit	3
Method Code	FA-GRA
1438209	133

Analyte Symbol	Ag
Unit Symbol	g/tonne
Lower Limit	3
Method Code	FA-GRA
OxQ75 Meas	149
OxQ75 Cert	153.9
SQ47 Meas	123
SQ47 Cert	122.3
Method Blank	< 3