

**Ministry of Energy and Mines**  
BC Geological Survey

**Assessment Report**  
**Title Page and Summary**

TYPE OF REPORT [type of survey(s)]: Geological and Geochemical

TOTAL COST: \$23,095.09

AUTHOR(S): Linda Dandy

SIGNATURE(S): 

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): N/A

YEAR OF WORK: 2016

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5636379 - 2017/02/03

PROPERTY NAME: Wild

CLAIM NAME(S) (on which the work was done): Gaye 4 - 1044065; Gaye 6 - 1044067

COMMODITIES SOUGHT: Au, Ag, Cu

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: \_\_\_\_\_

MINING DIVISION: Liard

NTS/BCGS: 104B.055

LATITUDE: 56 ° 33 ' 8 " LONGITUDE: -131 ° 4 ' 56 " (at centre of work)

OWNER(S):

1) Apex Resources Inc

2) \_\_\_\_\_

MAILING ADDRESS:

2000-1066 W. Hastings Street

Vancouver, BC, V6E 3X2

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

1) Apex Resources Inc

2) \_\_\_\_\_

MAILING ADDRESS:

2000-1066 W. Hastings Street

Vancouver, BC V6E 3X2

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

Eocene Coast Plutonic Complex, Devonian-Permian Stikine Assemblage, Upper Triassic Stuhini Group marine sediments and volcanics, diorite, pyrite, pyrrhotite, quartz veins, molybdenite-bearing garnet diopside skarn

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: Burson (1987) AR16894; Pegg(1989) AR1990; Caulfield & Ikona (1983) AR11342; DeCarle (1988) AR18876; Dewonck & McCrossan (1988) AR18516; Eccles (1981) AR09190

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
<b>GEOLOGICAL (scale, area)</b>			
<b>Ground, mapping</b>	recce 500 x 1000m	1044065, 1044067	\$2,200.00
<b>Photo interpretation</b>			
<b>GEOPHYSICAL (line-kilometres)</b>			
<b>Ground</b>			
<b>Magnetic</b>			
<b>Electromagnetic</b>			
<b>Induced Polarization</b>			
<b>Radiometric</b>			
<b>Seismic</b>			
<b>Other</b>			
<b>Airborne</b>			
<b>GEOCHEMICAL (number of samples analysed for...)</b>			
<b>Soil</b>	39 - 36 element ICP	1044065, 1044067	\$7,394.23
<b>Silt</b>			
<b>Rock</b>	25 - Au/Ag by fire assay, 36 elem by ICP	1044065, 1044067	\$12,200.86
<b>Other</b>			
<b>DRILLING (total metres; number of holes, size)</b>			
<b>Core</b>			
<b>Non-core</b>			
<b>RELATED TECHNICAL</b>			
<b>Sampling/assaying</b>			
<b>Petrographic</b>			
<b>Mineralographic</b>			
<b>Metallurgic</b>			
<b>PROSPECTING (scale, area)</b>	recce 1000 x 500 m	1044065, 1044067	\$1,300.00
<b>PREPARATORY / PHYSICAL</b>			
<b>Line/grid (kilometres)</b>			
<b>Topographic/Photogrammetric (scale, area)</b>			
<b>Legal surveys (scale, area)</b>			
<b>Road, local access (kilometres)/trail</b>			
<b>Trench (metres)</b>			
<b>Underground dev. (metres)</b>			
<b>Other</b>			
		<b>TOTAL COST:</b>	<b>\$23,095.09</b>

# **GEOLOGICAL AND GEOCHEMICAL REPORT ON THE WILD PROPERTY**

**LIARD MINING DIVISION, BC  
MAPSHEET: 104B.055  
UTM COORDINATES: 6269500 NORTH, 372000 EAST, ZONE 9**



*Jekill River, Wild Property, BC*

**for**

**APEX RESOURCES INC.  
SUITE 2000, 1066 WEST HASTINGS STREET  
VANCOUVER, BC  
V6E 3X2**

**by**

**LINDA DANDY, P.Geo.  
Consulting Geologist**

**March 26, 2017  
Amended March 2, 2018**

## SUMMARY

The Wild Property, a precious metal prospect, is located 110 kilometres northwest of Stewart in southwestern British Columbia. The property is underlain by undivided intrusive rocks of the Eocene Coast Plutonic Complex. This large stock has intruded marine sediments and volcanics of the Devonian-Permian Stikine Assemblage and Upper Triassic Stuhini Group. On the northeast portion of the claims, the volcanic rocks are intruded by Lower Triassic diorites of the McQuillan Plutonic Suite.

Only minor exploration work has taken place on the ground covered by the Wild Claims, consisting of geochemical and geophysical surveys in the 1980s. The past producing Snip Mine (1.2 million tonnes ore grading 26.7 g/t gold and 10.2 g/t silver) is located 9.5 kilometres to the north of the Wild Property and the Johnny Mountain Mine (227,247 tonnes of ore grading 12.4 g/t gold and 19.1 g/t silver) is located 4.5 kilometres north of the property. Recently, significant exploration programs have been conducted by Seabridge Gold Corp. on their Iskut Property which includes both historic mines. As well, Colorado Resources Ltd. has a large claim holding immediately to the east of the Wild Property which has been the source of much excitement in the area with large exploration programs obtaining good results over the past two years.

In 2016, Apex completed a small prospecting and sampling program on the Wild Property. Although analytical results proved inconclusive, strong colour anomalies (gossans) were observed in several locations. The late season's poor weather conditions and the property's harsh slopes allowed for only a small area of the property being examined.

Due to the favourable geology and location, additional work is recommended for the Wild Property. A two phase program in 2017 will include geological mapping, geochemical sampling and airborne geophysical surveys.



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## **1) INTRODUCTION**

The Wild Property, a precious metal prospect, is located 110 kilometres northwest of Stewart in northwestern British Columbia. The Wild Property was acquired by Apex Resources Inc. ("Apex") from vendors Richard and Gaye Billingsley in August 2016.

Apex optioned this property after examination of geological information from government websites and from previous exploration programs, and noting that this area is currently in an exploration and development rush.

In 2016, Apex collected 25 rock grab and chip samples and 39 soil and silt samples from the Wild Property. In conjunction with prospecting and sampling, some basic outcrop mapping was initiated. The 2016 exploration program is the subject of this report.

## **2) LOCATION AND ACCESS**

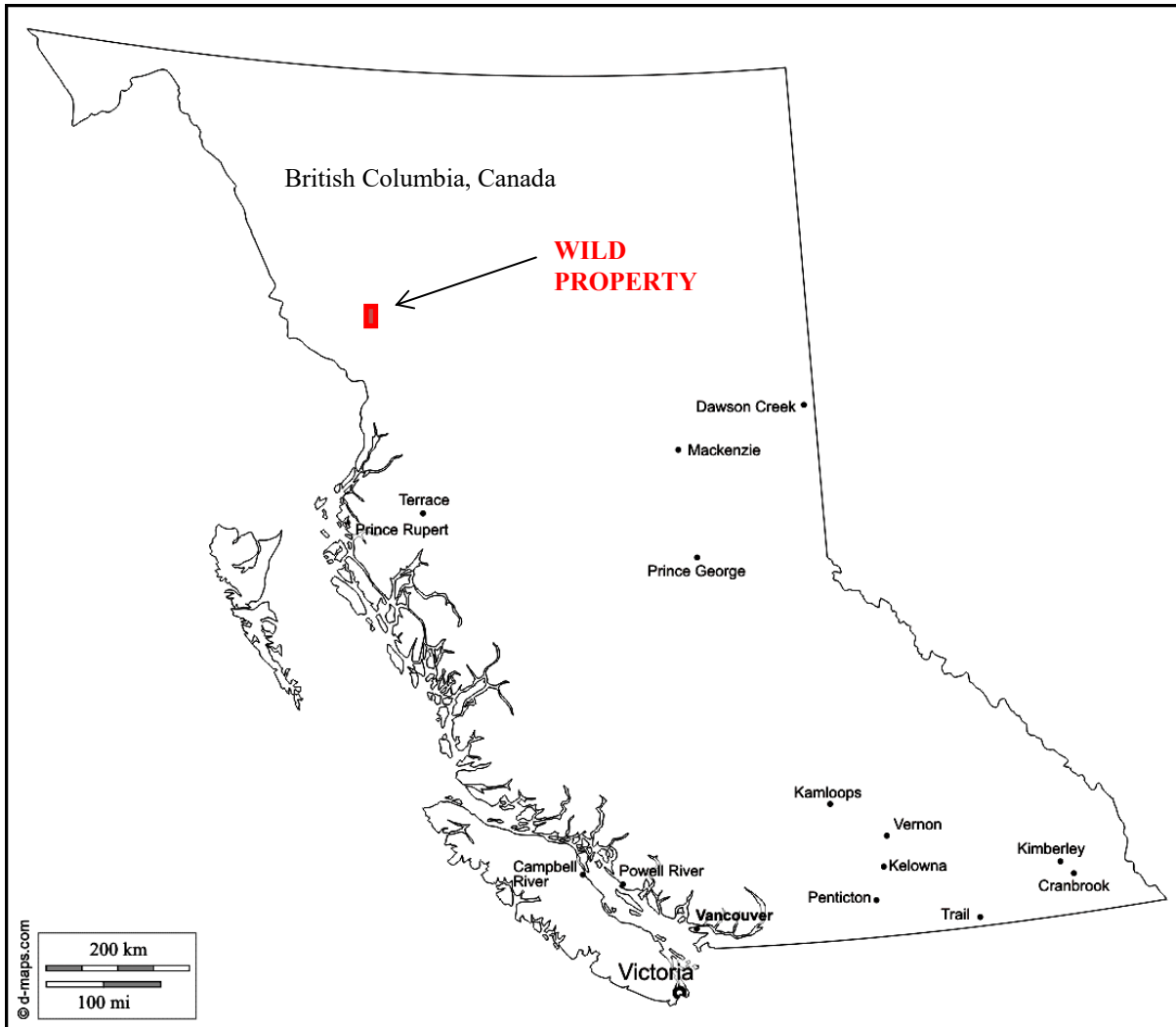
The Wild Property straddles the Jekill River valley 110 kilometres northwest of Stewart in the Liard Mining Division of northwestern British Columbia (Figure 1). The claims cover an area of approximately 4726.4 hectares and are centred at UTM coordinates 6269500 North, 372000 East in Zone 9, within Mapsheet 104B.055.

Access to the Wild Property is via helicopter from Stewart, Bronson Creek Airstrip or Alta Gas Camp near the confluence of the Forrest Kerr and Iskut Rivers.

## **3) PHYSIOGRAPHY**

The Wild Property is located in an area of rugged terrain. The northerly flowing Jekill River runs through the property at elevations of 300 to 400 metres. Ridges to the east and west of the valley reach elevations of 1800 metres. The river valley is very steep sided and heavily forested up to an elevation of about 1000 metres, with much bedrock exposure and small glaciers above that elevation.

The forest cover consists largely of hemlock and cedar, with occasional fir and spruce. Thick growths of alder and devil's club are found at lower elevations and along stream gullies.



**FIGURE 1 – WILD PROPERTY LOCATION MAP**

#### **4) HISTORY**

The first recorded work in the Iskut region was in 1907 when a group from Wrangell, Alaska, staked nine claims north of Johnny Mountain. Crown granted claims along Bronson Creek and on the north slope of Johnny Mountain were subsequently worked by the Iskut Mining Company. By 1920, a 30 foot adit revealed gold, silver, and galena mineralization in a number of veins and stringers. Activity carried on into the 1930's when interest in precious metals was concentrated in the Stewart area. Some sporadic placer operations were also located in the Unuk River Valley.

In 1954, Hudson Bay Mining and Smelting found the Pick Axe showing and some high grade gold-silver-lead-zinc float on the upper slopes of Johnny Mountain.



Porphyry copper-molybdenum deposits were of interest in the 1960's when several major mining companies undertook reconnaissance exploration programs in the area. As a result, claims were staked on Johnny Mountain and Sulphurets Creek.

There is no record of any mineral exploration in the area of the Wild Property prior to 1980, at which time a brief reconnaissance program was carried out by DuPont of Canada Exploration Limited (Eccles, 1981). Dupont collected 8 rock samples and 16 stream sediment samples and obtained elevated gold, silver and base metals.

In 1983, Energex Minerals Ltd. staked a large block of ground which covered Dupont's claims and the northern portion of the Wild Property. A very limited exploration program managed to substantiate DuPont's efforts. Mineralization was found in quartz veins that were conformable with bedding and associated with pyritic siliceous tuffs or sediments, in particular with interbedded limestone. A 0.5 metre wide vein consisting of quartz, pyrite, galena, chalcopyrite, sphalerite, argentite and tetrahedrite assayed 1.58 g/t gold, 367.54 g/t silver, 0.18% copper, 8.7% lead, 0.04% zinc (Caulfield and Ikona, 1983).

In 1987, Cove Energy Corporation completed an exploration program on the claim group, including the collection of 1347 soil, 142 silt, 86 rock and 24 heavy mineral samples (Burson, M.J., 1987). Some stream sediment sampling was done in the area just northeast of Dupont's Burton (Minfile 104B 307) and Energex's Star (Minfile 104B 309) showings, on streams which pass through those showing areas.

An airborne geophysical survey was also conducted in 1987 and 1988 totalling 99 kilometres of EM (VLF) and magnetics on the Hag 1, 3, 5-7 claims which contained the Burton (104B 307) and Star (104B 308) showings. Four bedrock conductors were outlined by the airborne program on the claims.

The only mineral occurrence that is on the Wild Property itself is the Hag 4 (Minfile 104B 559) which was discovered by Cove Energy as part of their 1987 program. Cove reported rock samples that assayed up 2.07 g/t gold and 64.11 g/t silver (Burson, M.J., 1987). These were collected from quartz and carbonate veins, within a mafic flow proximal to a diorite dike or sill, which contained poddy concentrations of pyrite, chalcopyrite and malachite.

In 1988, Pezgold Resources Corp. conducted a soil, silt and rock sampling program over their Hag claims which lie on the north-central portion of the Wild claim block. Pezgold reported moderate gold-silver-lead soil anomalies on the east side of the Jekill River (Dewonck and McCrossan, 1988).

Also in 1988, Pamicon Developments flew an Aerodat airborne geophysical survey over the south end of what is now the Wild Property. Near the junction of the Jekill and Olatine

Rivers an apparent resistivity anomaly occurs, with an adjacent (to the east) magnetic high signature (de Carle, 1988).

In 1989, Dryden Resource Corporation conducted a small soil, silt and rock sampling program over the area of the above noted geophysical anomalies and located elevated gold, arsenic, and lead in several samples on the east side of Olatine River (Pegg, R., 1989).

During the next 25 years there was an exploration hiatus in this region with only small exploration programs, none of which were on the area covered by the Wild Claims. Recently, an exploration boom has once again occurred in this area, largely led by significant work programs and extremely encouraging results from Colorado Resources Ltd., who along with Seabridge Gold Corp., have the claims to the north and east of the Wild Property.

Also of significance in the area of the Wild Property, are two past producing gold-silver mines: Snip and Johnny Mountain – both of which are located on the ground held by Seabridge and are subject to ongoing exploration programs.

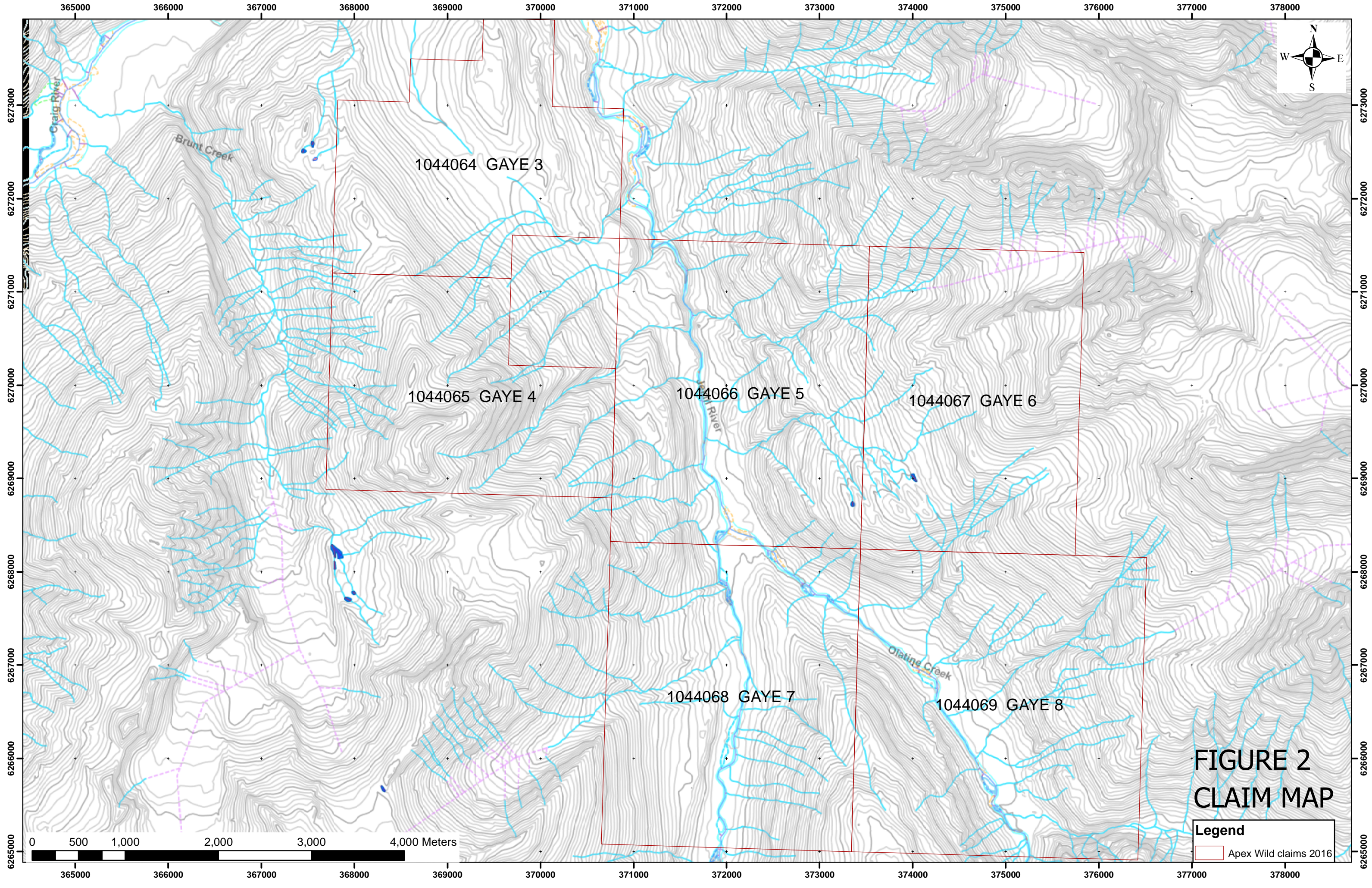
The Snip Mine (Minfile 104B 250) is located 9.5 kilometres north of the Wild Property, and was in production from 1991 to 1999. During this time, Snip produced 1.2 million tonnes ore grading 26.7 g/t gold and 10.2 g/t silver and minor copper.

The Johnny Mountain Mine (Minfile 104B 107) is located 4.5 kilometres north of the Wild Property and was intermittently in production from 1988 to 1993. The mine produced 227,247 tonnes of ore grading 12.4 g/t gold and 19.1 g/t silver with minor copper.

## **5) WORK DONE BY APEX RESOURCES INC. IN 2016**

Work completed on the Wild Property from September 20 to 26, 2016 consisted of prospecting and collection of 25 rock grab or chip samples and 39 soil or silt samples. In conjunction with prospecting and sampling, some basic outcrop mapping was initiated.

Work was conducted by a 3 person crew working out of the town of Stewart, BC, and was directly supervised by the author. Access to the property was via helicopter.



## **6) CLAIM INFORMATION**

The Wild Property is located within the Liard Mining Division and consists of 6 mineral tenures totalling 4726.4 hectares (Figure 2). The claims are centred at UTM coordinates 6269500 North, 372000 East in Zone 9, within Mapsheet 104B.055.

Claims are listed in Table I. All the claims are currently in good standing and the next expiry year is shown in the table. Apex has 100% ownership in the claims. All of the claims are located on Crown lands. The claims have not been surveyed.

**TABLE I  
CLAIM INFORMATION**

<b>TENURE #</b>	<b>CLAIM NAME</b>	<b>ANNIVERSARY DATE</b>	<b>HECTARES</b>
1044064	GAYE 3	September 25, 2018	623.910
1044065	GAYE 4	September 25, 2018	606.208
1044066	GAYE 5	September 25, 2018	873.686
1044067	GAYE 6	September 25, 2018	749.012
1044068	GAYE 7	September 25, 2018	874.150
1044069	GAYE 8	September 25, 2018	999.445

## **7) GEOLOGY**

### **REGIONAL GEOLOGY**

The area hosting the Wild Property is underlain by Devonian to Permian marine sedimentary and volcanic rocks of the Stikine Assemblage which are overlain by marine sedimentary and volcanic rocks of the Upper Triassic Stuhini Group. Regionally, Lower Jurassic rocks of the Hazelton Group overlie the Stuhini rocks.

The stratigraphy is intruded by Late Triassic dioritic rocks and Eocene rocks of the Coast Plutonic Complex. Lower Tertiary feldspar porphyry stock (related to the Coast Plutonic Complex) intrudes the Paleozoic rocks. The intrusives are exposed along the west shores of the Craig River and more monzonitic or granodioritic stocks are exposed to the south along the east side of the Jekill River.

## PROPERTY GEOLOGY

Much of the central and eastern portion of the Wild Property is underlain by undivided intrusive rocks of the Eocene Coast Plutonic Complex. This large stock has intruded marine sediments and volcanics of the Devonian-Permian Stikine Assemblage and Upper Triassic Stuhini Group. On the northeast portion of the claims, the volcanic rocks are intruded by Lower Triassic diorites of the McQuillan Plutonic Suite.

Preliminary geological examination of outcrops during the sampling program led to the following observations:

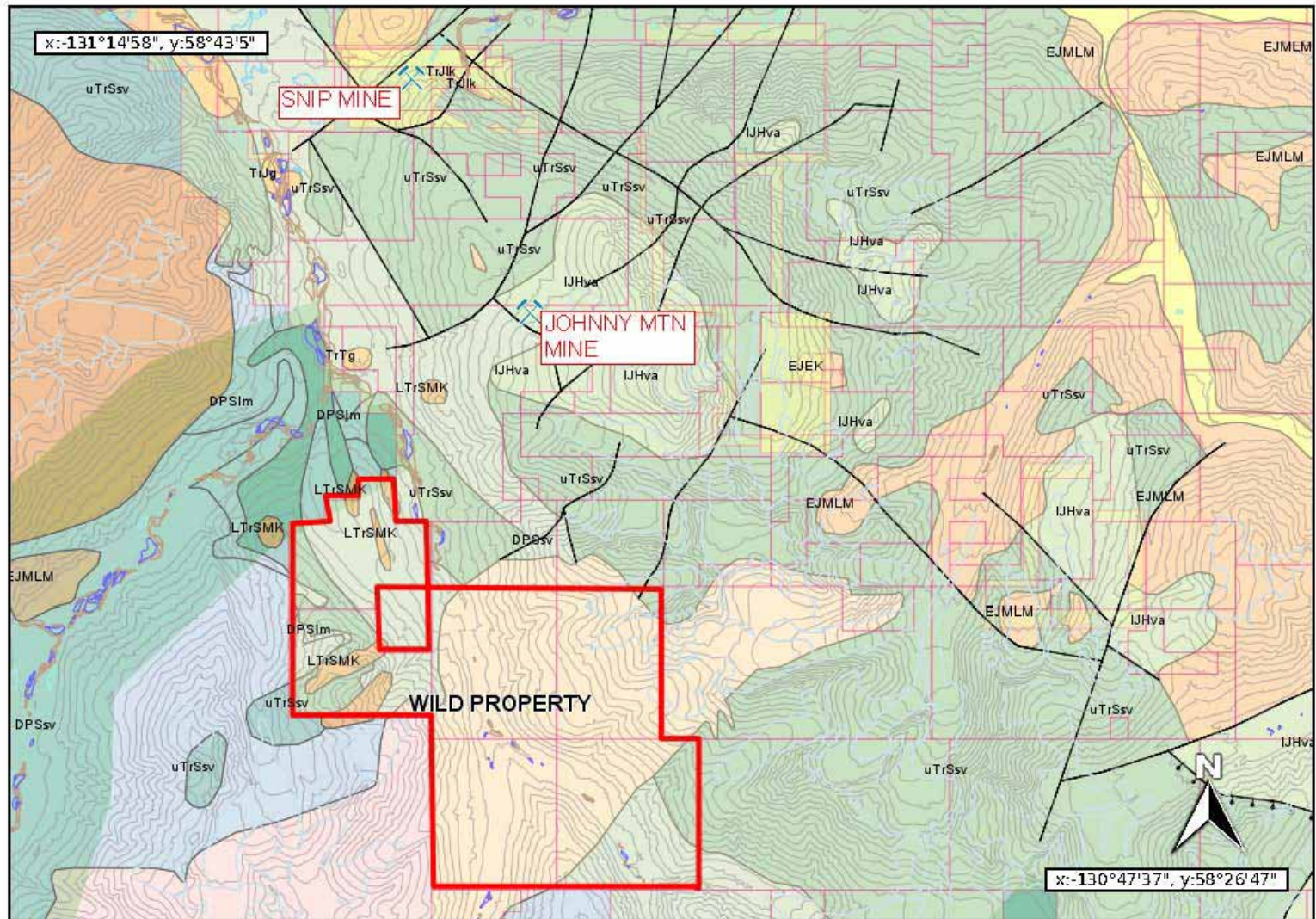
On the western side of the claims, massive dark green andesitic flows are interbedded with limestones, rusty argillites, tuff, phyllites and quartzite. The volcanics are resistant weathering, host abundant chlorite and are peppered with disseminated pyrite and pyrrhotite and host barren quartz veins.

On the eastern side of the claims, the sampling area was entirely underlain by granodiorites occasionally cut by mafic dykes or quartz veins. At high elevations, glacial trains contained extremely rusty pyritic meta-sediments/tuffs, molybdenite-bearing banded garnet-diopside skarn boulders, and quartz fragments with galena and sphalerite. None of these were observed in outcrop during the limited sampling traverses.

### **LEGEND FOR FIGURE 3 – GEOLOGY MAP**

<b>Eg</b>	Eocene Coast Plutonic Complex – undivided intrusive rocks
<b>EJMLM</b>	Early Jurassic Melville and Lehto Plutons, Mitchell Intrusions and Red Bluff Porphyry – monzonite to gabbroic intrusive rocks
<b>IJHva</b>	Lower Jurassic Hazelton Group – andesitic volcanic rocks
<b>uTrSsv</b>	Upper Triassic Stuhini Group – marine sediments and volcanics
<b>LTrSMK</b>	Late Triassic Stikine, McQuillan or Katete Mountain Plutonic Suite – dioritic intrusives
<b>LTrSe</b>	Late Triassic Seraphim Mountain Plutonic Suite – quartz monzonites
<b>DPSsv</b>	Devonian-Permian Stikine Assemblage – marine sediments and volcanics
<b>DPSIm</b>	Devonian-Permian Stiking Assemblage – limestone, marble, calcareous sedimentary rocks

**FIGURE 3 - GEOLOGY MAP**  
**WILD PROPERTY**



1 km  
2 mi  
Mar/26/2017  
Scale 1:200000

## **8) GEOCHEMISTRY**

### Lithogeochemistry

Figures 5 through 8 show the location and select results of 25 rock chip and grab samples collecting during the mapping and prospecting program. Table II shows the location and description of the rock samples collected on the Eldorado Property. Bureau Veritas Certificates of Analyses for the rock samples can be found in Appendix I.

Rock chip samples are collected as continuous rock chips of about golf ball size taken across the true width of veins and shears. Grab samples consist of 2 or 3 fist size rock pieces indicative of a certain lithology or mineralization type. Sample sites are marked in the field with numbered flagging tape and samples were put into correspondingly labelled plastic bags.

Rock samples were delivered to Bureau Veritas Labs Ltd. in Whitehorse, YT for sample preparation and then shipped to Bureau Veritas facility in Vancouver for analyses. All sample preparation was done at the laboratory by their staff. In the laboratory, rock samples were crushed, then a 250 gram sub-sample was pulverized –200 mesh and sieved. 50 grams of sieved material was fire assayed for gold and silver, plus a 36 element ICP-MS analyses.

**TABLE II  
ROCK SAMPLE LOCATIONS AND DESCRIPTIONS**

<b>SAMPLE</b>	<b>TYPE</b>	<b>DESCRIPTION</b>	<b>UTM EAST</b>	<b>UTM NORTH</b>
WBD-01	GRAB	Outcrop	374191	6270324
WBD-02	GRAB	Float	374322	6270365
WBD-03	GRAB	Float – qtz w pyrite	370094	6269194
WBD-04	GRAB	Volcanic w fg pyrite veinlets	370015	6269149
WBD-05	GRAB	Float – qtz w pyrite	370132	6269096
WJD-01	18cm CHIP	Quartz vein	374203	6270197
WJD-02	100cm CHIP	Altered granite adjacent to qv	374203	6270197
WJD-03	GRAB	Float – skarn	374195	6270223
WJD-04	GRAB	Rusty hornfels, 3% pyrrhotite	373874	6269809
WJD-05	GRAB	Float – qtz w sphalerite and galena	373884	6269801
WJD-06	GRAB	Quartz vein	370141	6269104
WJD-07	GRAB	Quartz vein	370145	6269095
WJD-08	GRAB	Quartz vein	370134	6269102
WJD-09	GRAB	Grey sed w fg sulphides	370089	6269000
WJD-10	GRAB	Qtz on sed-volc contact	370091	6269003
WJD-11	GRAB	Rusty seds w fg sulphides	370112	6269053
WLD-01	GRAB	Float- Rusty intr w 15% mag, tr py	374245	6270153
WLD-02	GRAB	Float - Hornfels sed w 5% py	374245	6270153
WLD-03	GRAB	Float - Alt granite w qtz and sulphides	374293	6270125
WLD-04	GRAB	Float – 1 metre skarn block w Mo	374291	6270133

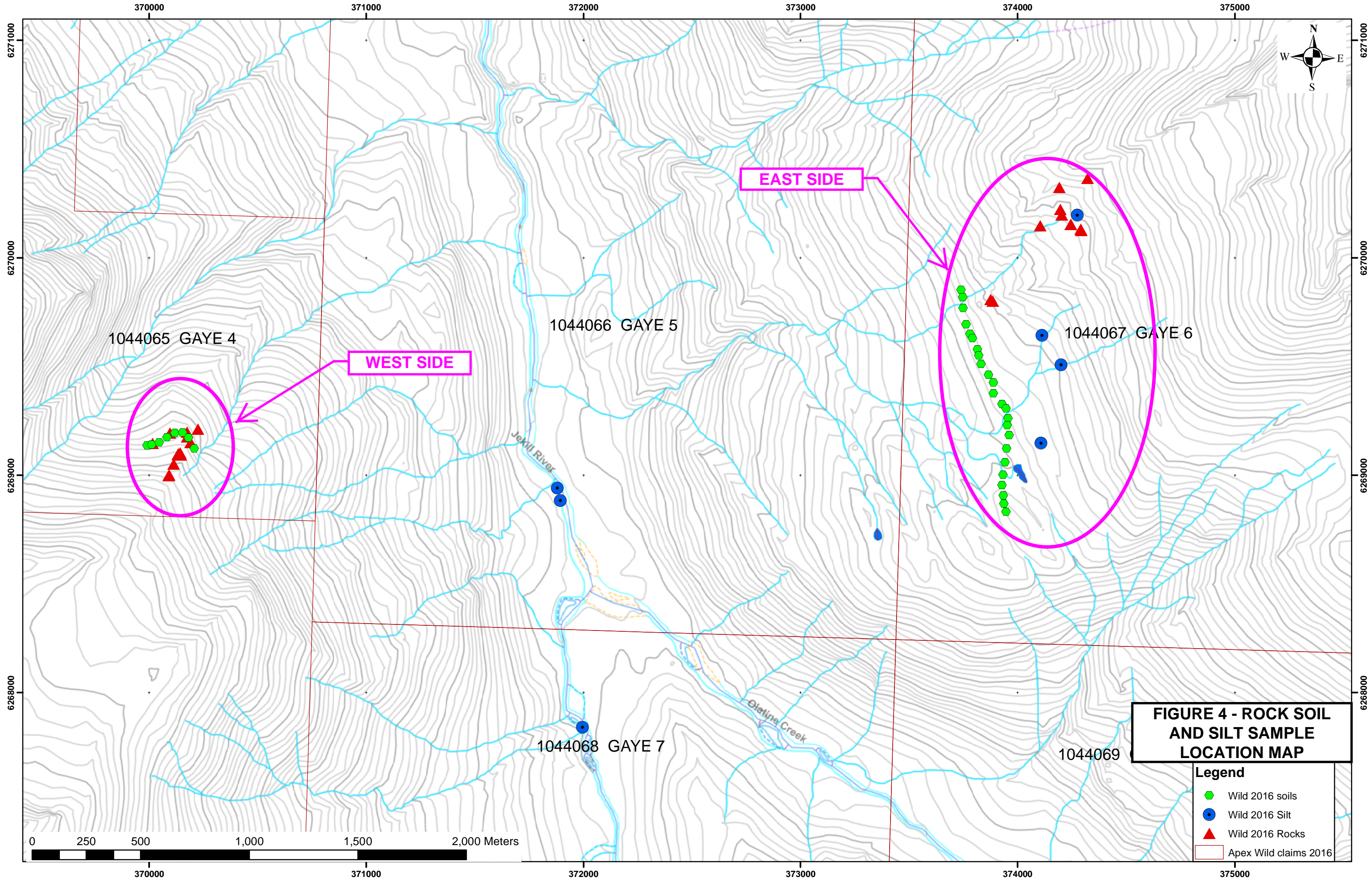
<b>SAMPLE</b>	<b>TYPE</b>	<b>DESCRIPTION</b>	<b>UTM EAST</b>	<b>UTM NORTH</b>
WLD-05	GRAB	Aplite dyke in granite	374103	6270148
WLD-06	GRAB	5cm qtz-chl veinlet	370224	6269213
WLD-07	100cm CHIP	Rusty bedded sil seds	370173	6269199
WLD-08	GRAB	Rusty sericitic bands, to 5% sulphides	370174	6269179
WLD-09	GRAB	Andesite w 1% diss py	370190	6269152

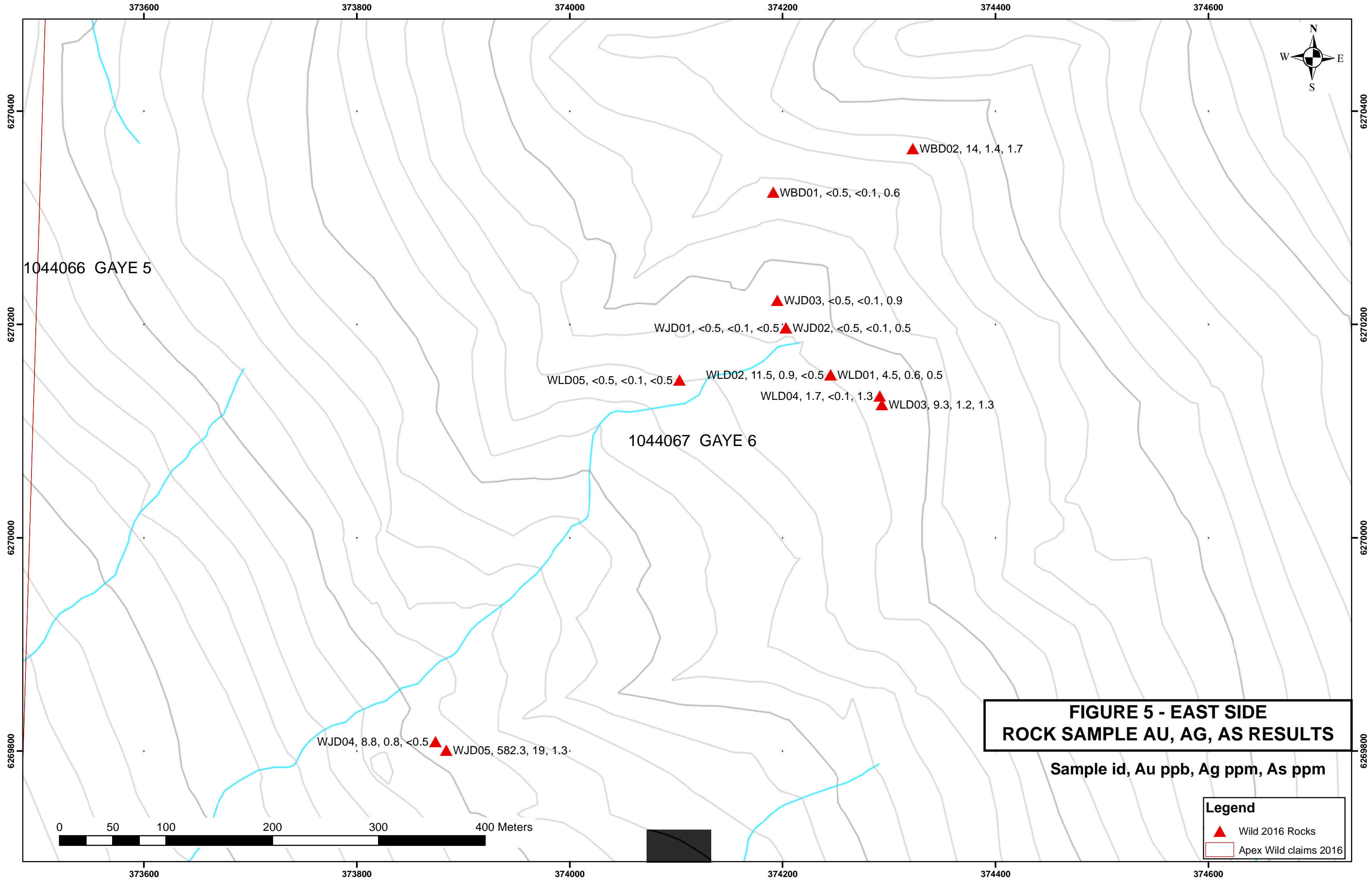
Figures 5 and 6 shows rock sample results from the East side of the property. The entire area was underlain by weakly altered granodiorite. Occasional quartz veins outcropped and quartz float was visible. Rusty, pyritic sediment boulders make up glacial derived boulder trains which also contain large blocks of garnet-diopside banded skarn. Low precious and base metal values were returned from all samples collected on the east side of the property, with the exception of WJD-05 and WLD-04. WJD-05, seen on Figure 5, was a sample of quartz float containing galena and sphalerite returned 0.6 g/t gold, 19 g/t silver, >10,000 ppm zinc and 7912 ppm lead. Sample WLD-04 returned 994 ppm molybdenum from a large block of banded garnet-diopside skarn. The source location for neither of these samples was located during the 2016 exploration program.

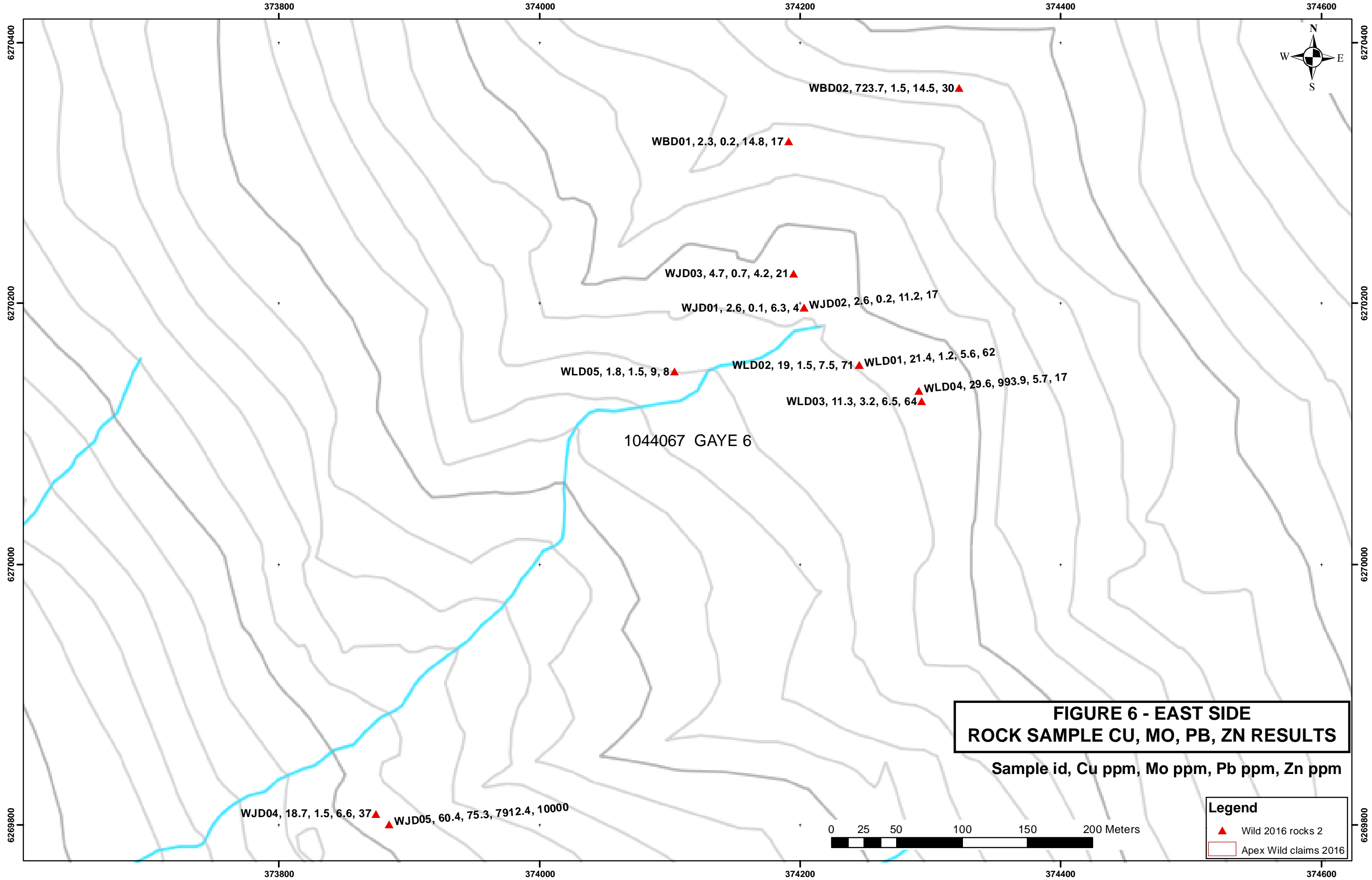


Rusty boulder train on east side of Wild Property







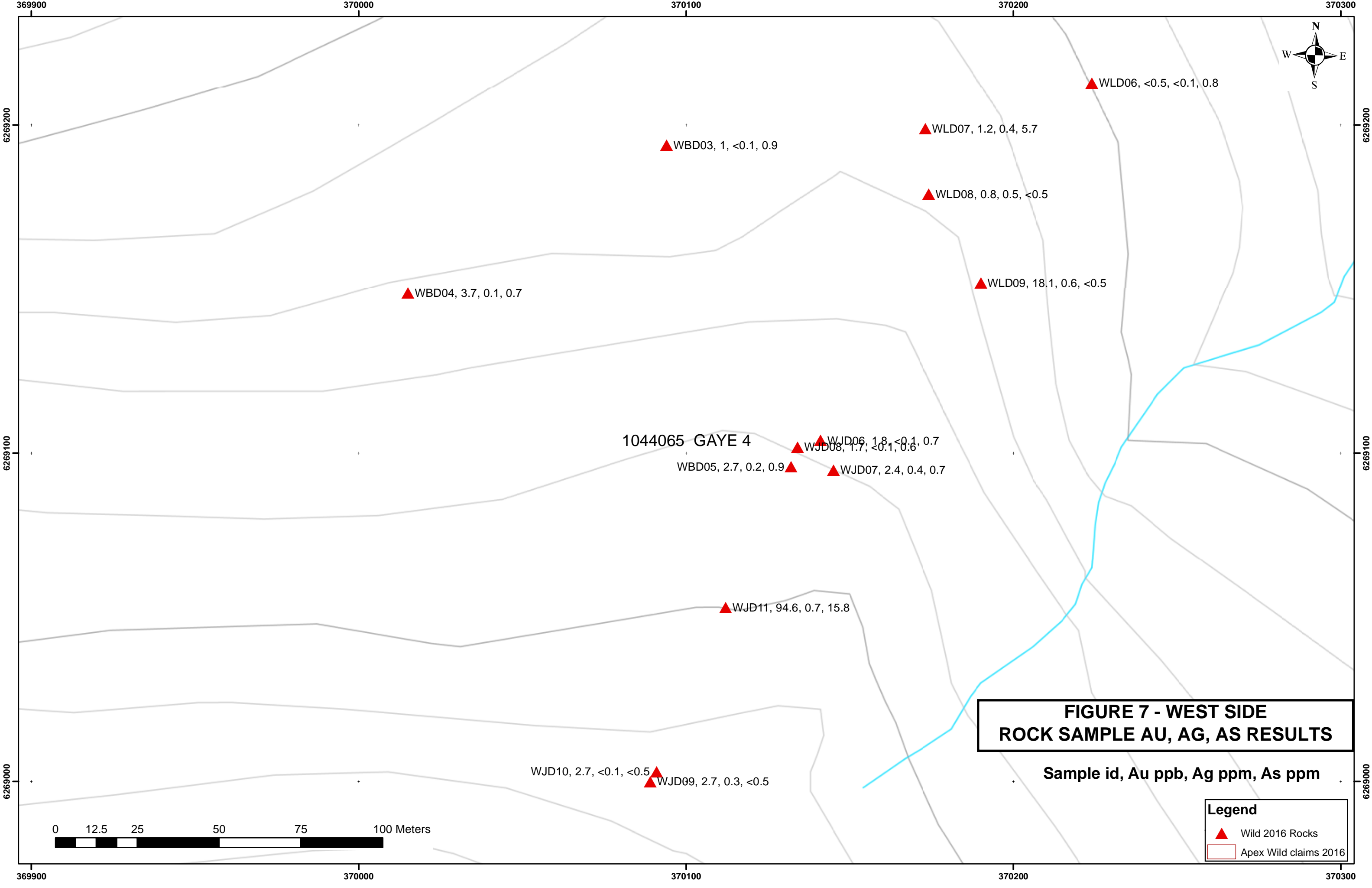


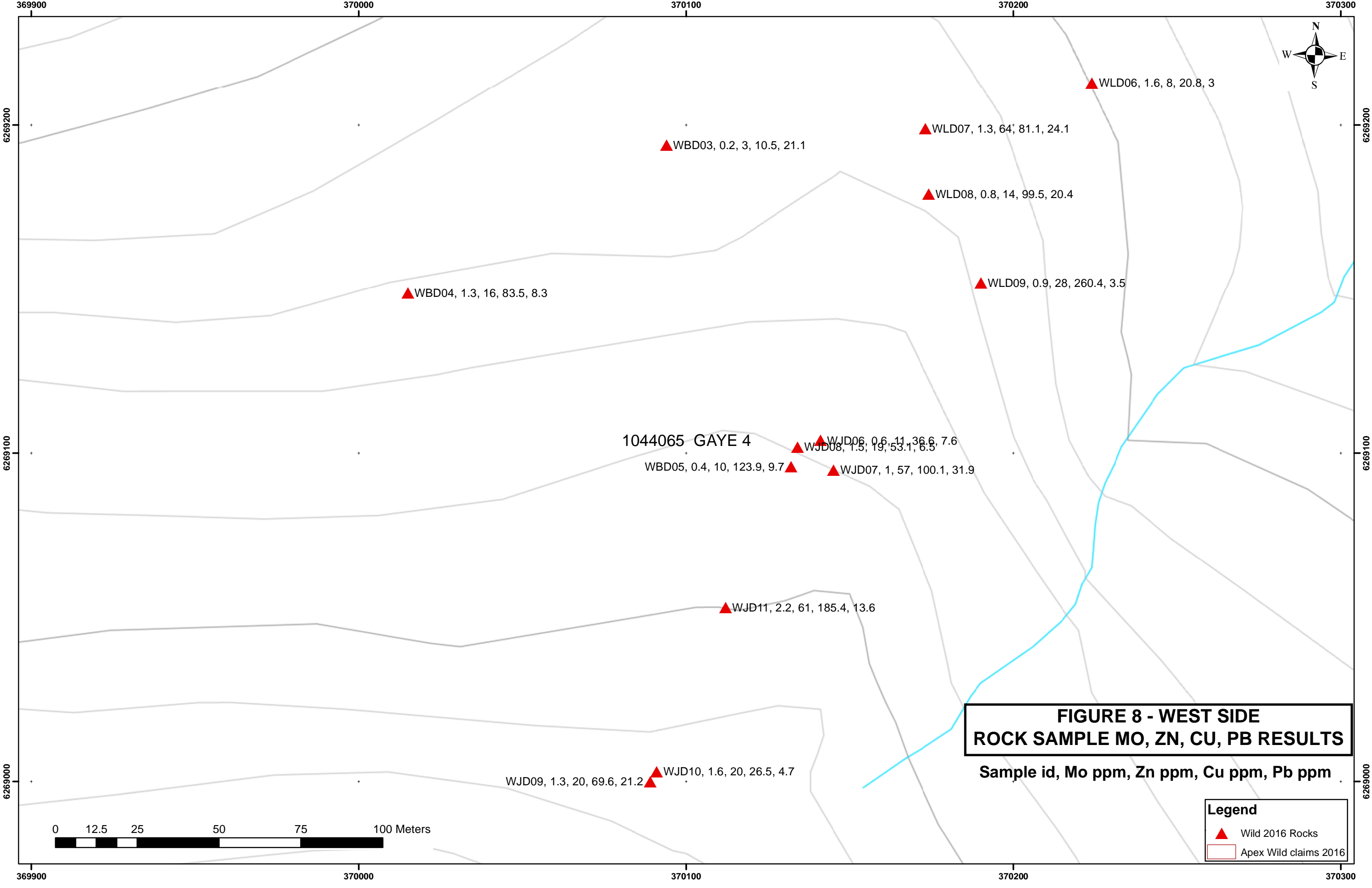


Sampling quartz vein on east side of Wild Property



Sulphide band sampled on west side of Wild Property





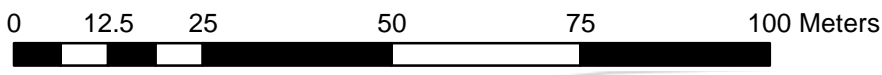
1044065 GAYE 4

- ▲ WBD03, 0.2, 3, 10.5, 21.1
- ▲ WBD04, 1.3, 16, 83.5, 8.3
- ▲ WBD05, 0.4, 10, 123.9, 9.7
- ▲ WBD06, 1.6, 8, 20.8, 3
- ▲ WBD07, 1.3, 64, 81.1, 24.1
- ▲ WBD08, 0.8, 14, 99.5, 20.4
- ▲ WBD09, 0.9, 28, 260.4, 3.5
- ▲ WJD06, 0.6, 11, 36.6, 7.6
- ▲ WJD07, 1, 57, 100.1, 31.9
- ▲ WJD08, 1.5, 19, 53.1, 6.5
- ▲ WJD09, 1.3, 20, 69.6, 21.2
- ▲ WJD10, 1.6, 20, 26.5, 4.7
- ▲ WJD11, 2.2, 61, 185.4, 13.6

**FIGURE 8 - WEST SIDE  
ROCK SAMPLE MO, ZN, CU, PB RESULTS**

**Sample id, Mo ppm, Zn ppm, Cu ppm, Pb ppm**

- Legend**
- ▲ Wild 2016 Rocks
  - Apex Wild claims 2016



None of the west side rock samples returned significant gold, silver or base metal values (see Figures 7 and 8). The west side work area was largely underlain by banded volcanic and sedimentary rocks, occasionally containing disseminated pyrite and quartz veins.

Although the analytical results proved inconclusive for significant mineralization, the late season's poor weather conditions and the property's harsh slopes allowed for only a small area of the property to be examined.

### Soil Geochemistry

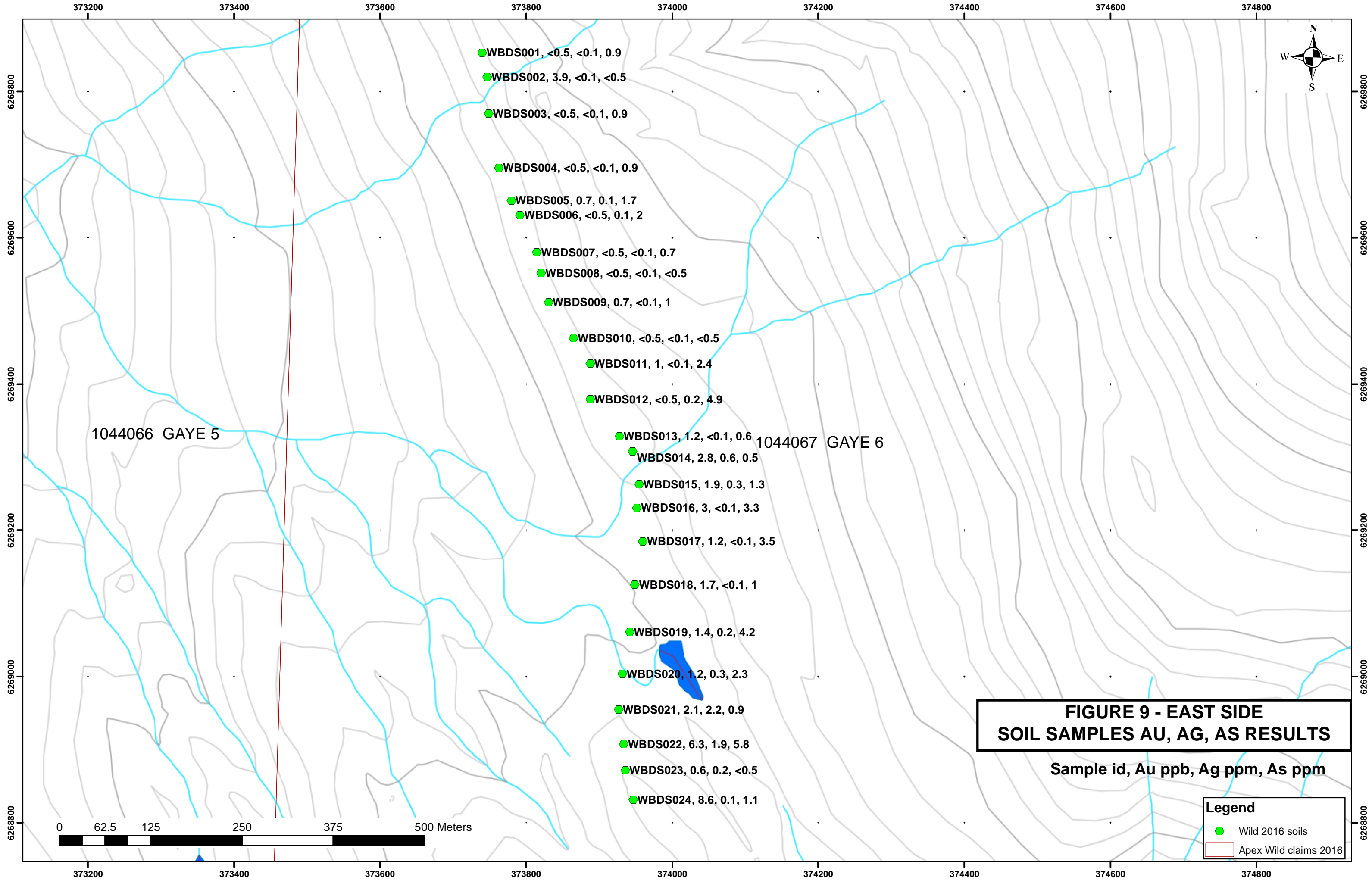
During the 2016 exploration program, a total of 32 soil and 7 silt samples were collected. Soil samples were taken at approximately 50-75 metre intervals along the base of a rocky talus slope just above the treeline. Soil samples were collected where sufficient B +/- C soil horizon material was present for sampling purposes. Samples were collected at various shallow depths, using a shovel.

All sample sites were labelled with fluorescent flagging with the station number recorded on it, and soil or silt material was placed in correspondingly labelled Kraft soil bags. All samples were delivered to Bureau Veritas Labs Ltd. in Whitehorse, YT for sample preparation and then shipped to Bureau Veritas facility in Vancouver, BC for analyses. In the laboratory, samples were dried, sieved to -80 mesh and the fine fraction analyzed using their AQ200 method which consists of an aqua regia digestion followed by a 36 element analysis by the ICP-MS method. Bureau Veritas Certificates of Analyses for the soil and silt sample results can be seen in Appendix II.

Locations of the soil and silt samples are shown on Figure 4. Three of the silt samples were collected from small tributaries to the Jekill River and four were taken during sampling and prospecting above treeline on the east side of the property. Soil samples were collected from 2 lines, in each of the two rock sampling areas.

Both soil sampling areas returned very low gold, silver and arsenic values as seen on Figures 9 and 11. The highest gold in soil was 8.6 ppb from the farthest south end of the soil line on the east side (Figure 9). Base metals on the east side soil line returned generally low values (Figure 10). On the west soil line, elevated soil values for copper ranged up to 327.6 ppm and zinc to 129 ppm (Figure 12).

Figures 13 and 14 show results from the silt sampling survey. The silt samples did not return any precious or base metal values of significance.



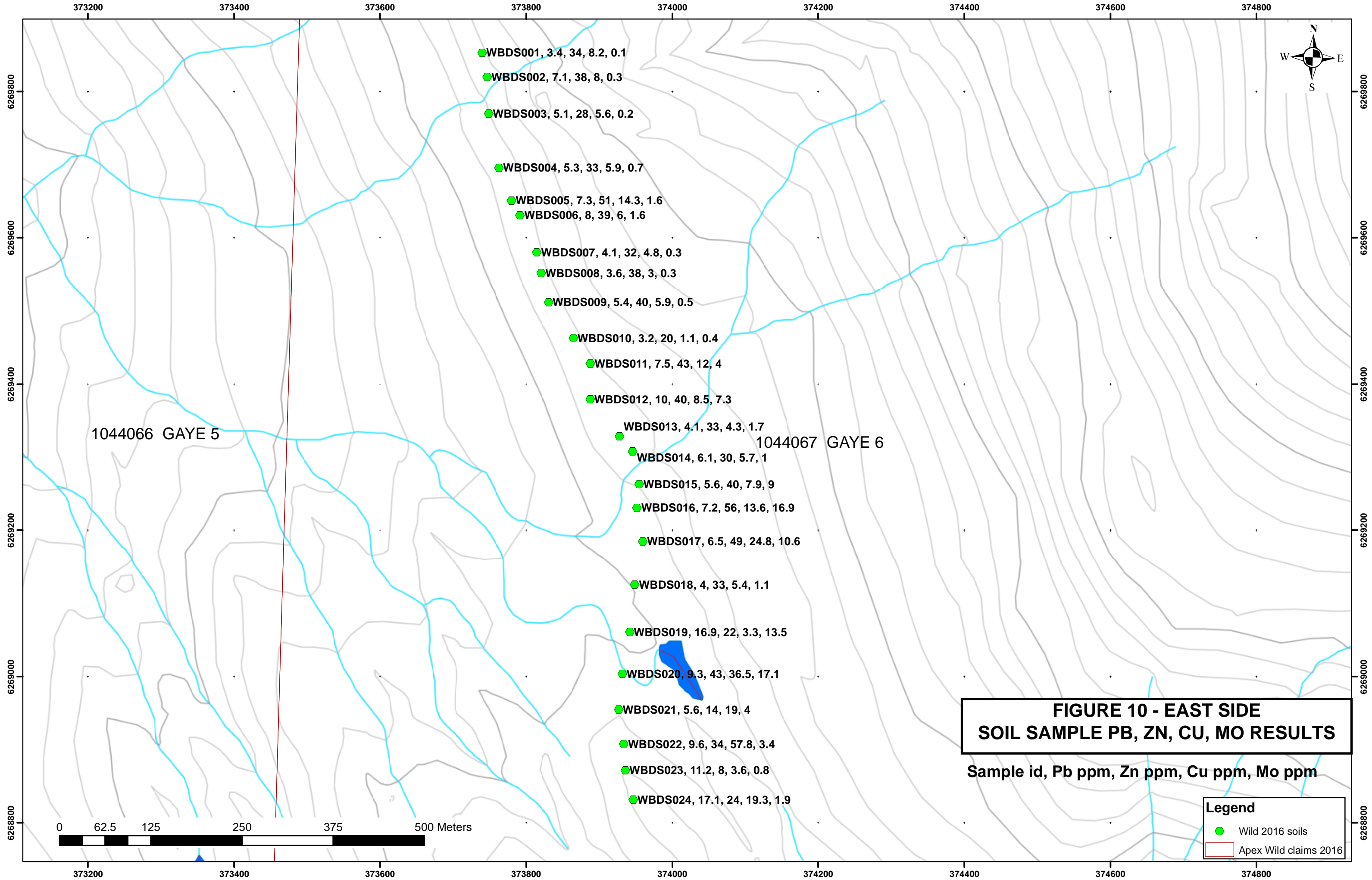
- WBDS001, <0.5, <0.1, 0.9
- WBDS002, 3.9, <0.1, <0.5
- WBDS003, <0.5, <0.1, 0.9
- WBDS004, <0.5, <0.1, 0.9
- WBDS005, 0.7, 0.1, 1.7
- WBDS006, <0.5, 0.1, 2
- WBDS007, <0.5, <0.1, 0.7
- WBDS008, <0.5, <0.1, <0.5
- WBDS009, 0.7, <0.1, 1
- WBDS010, <0.5, <0.1, <0.5
- WBDS011, 1, <0.1, 2.4
- WBDS012, <0.5, 0.2, 4.9
- WBDS013, 1.2, <0.1, 0.6
- WBDS014, 2.8, 0.6, 0.5
- WBDS015, 1.9, 0.3, 1.3
- WBDS016, 3, <0.1, 3.3
- WBDS017, 1.2, <0.1, 3.5
- WBDS018, 1.7, <0.1, 1
- WBDS019, 1.4, 0.2, 4.2
- WBDS020, 1.2, 0.3, 2.3
- WBDS021, 2.1, 2.2, 0.9
- WBDS022, 6.3, 1.9, 5.8
- WBDS023, 0.6, 0.2, <0.5
- WBDS024, 8.6, 0.1, 1.1

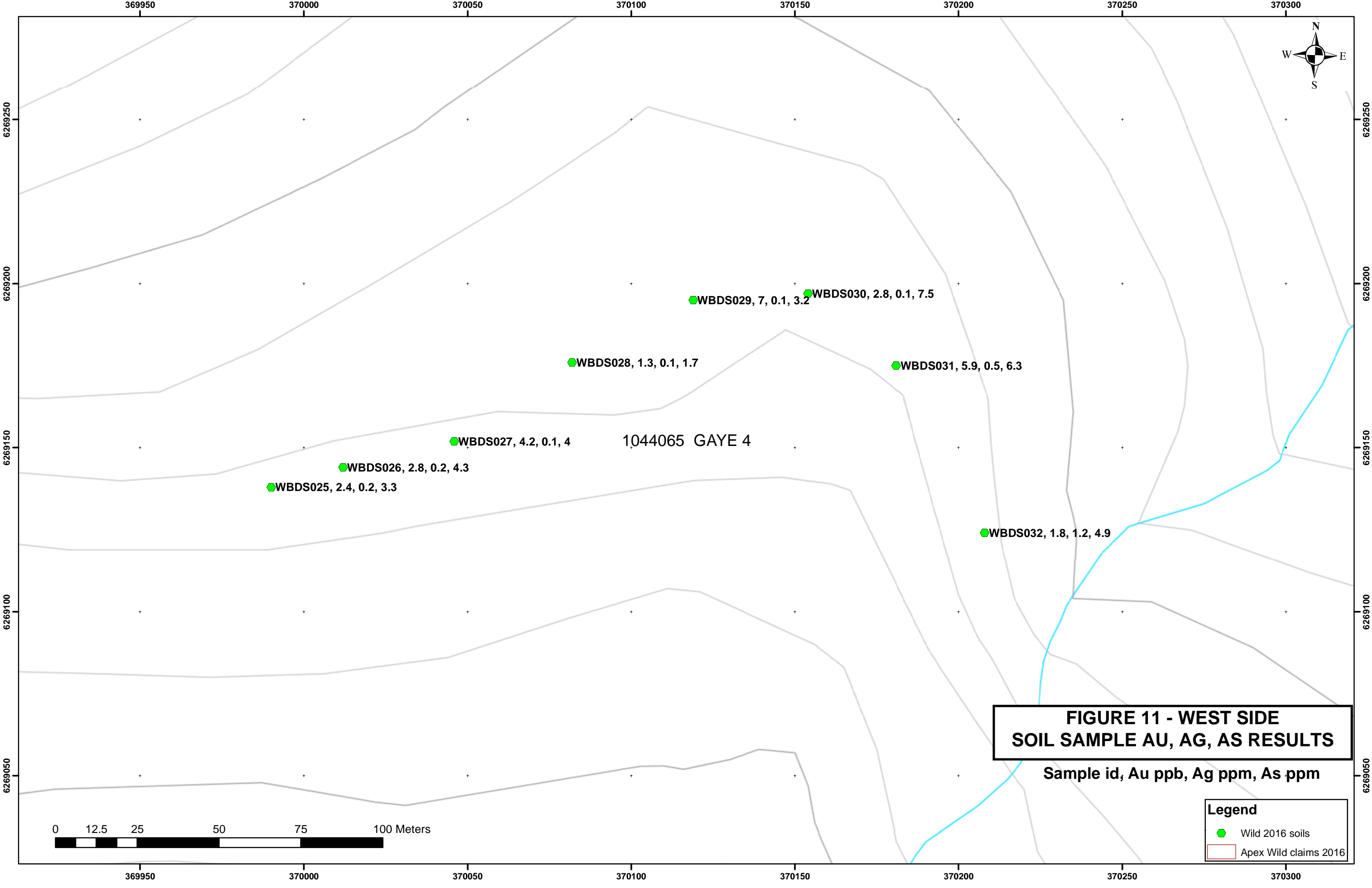
**FIGURE 9 - EAST SIDE  
SOIL SAMPLES AU, AG, AS RESULTS**

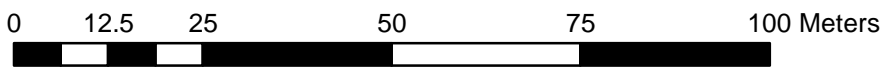
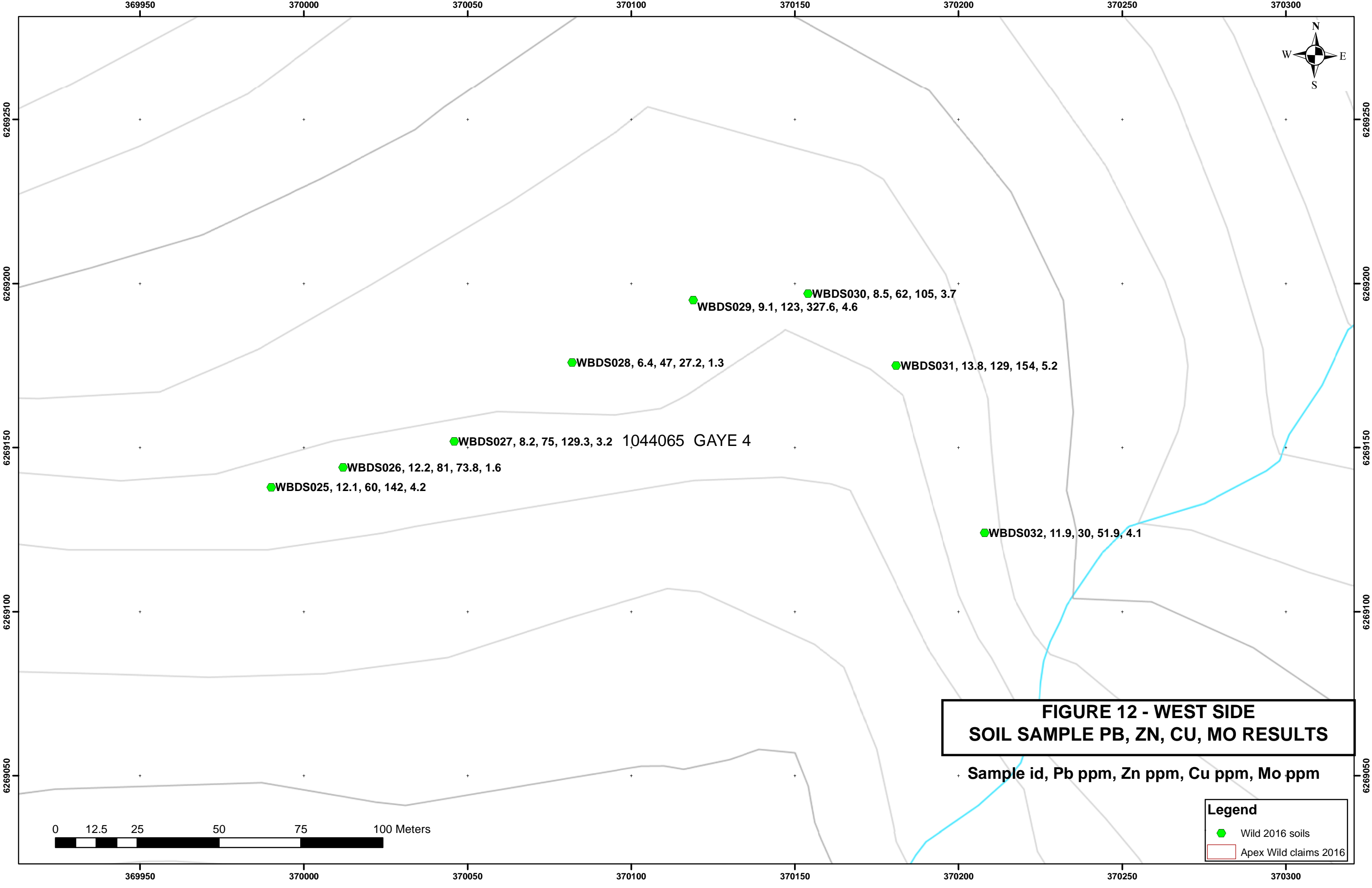
Sample id, Au ppb, Ag ppm, As ppm

- Legend**
- Wild 2016 soils
  - ▭ Apex Wild claims 2016







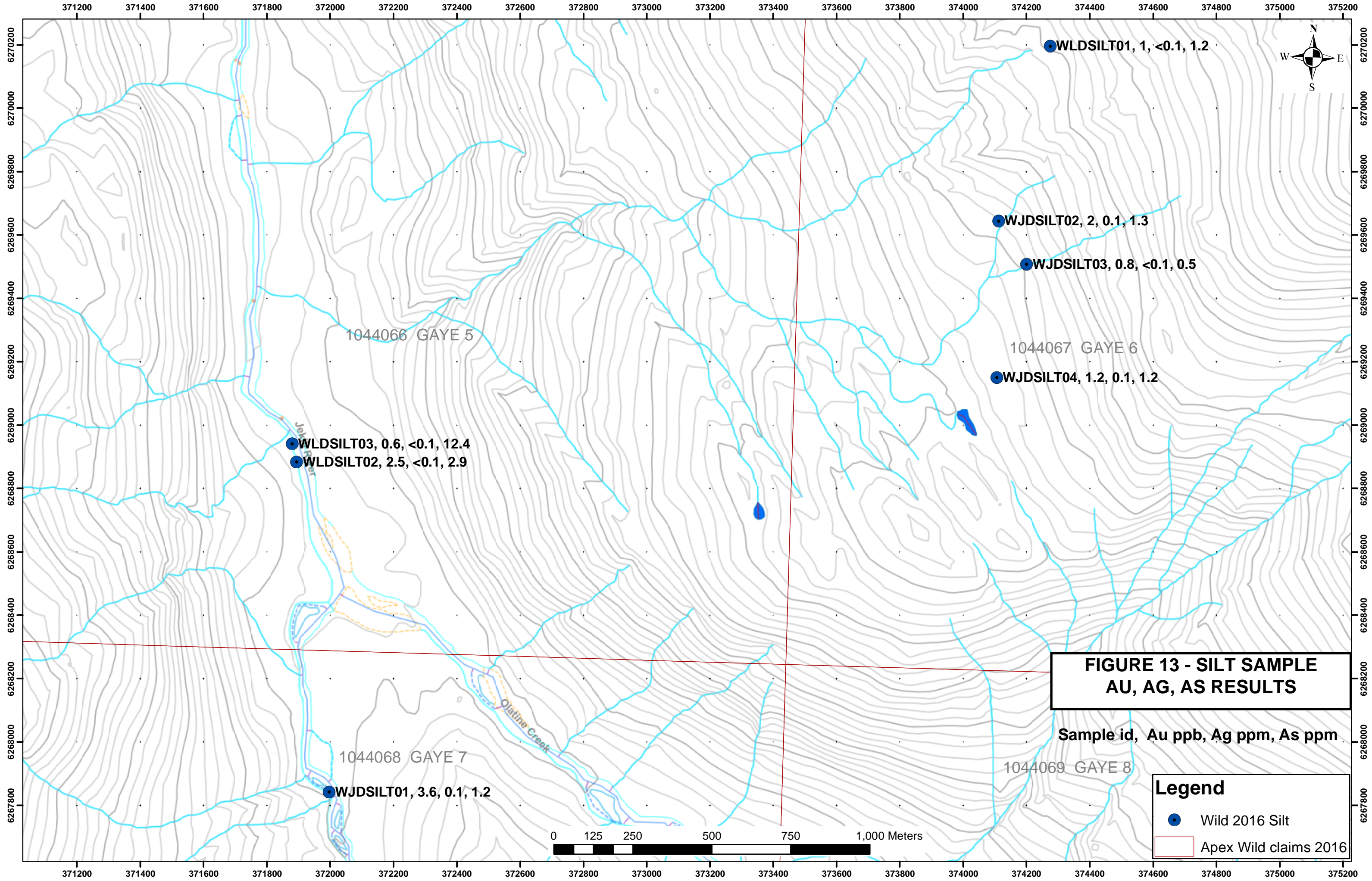


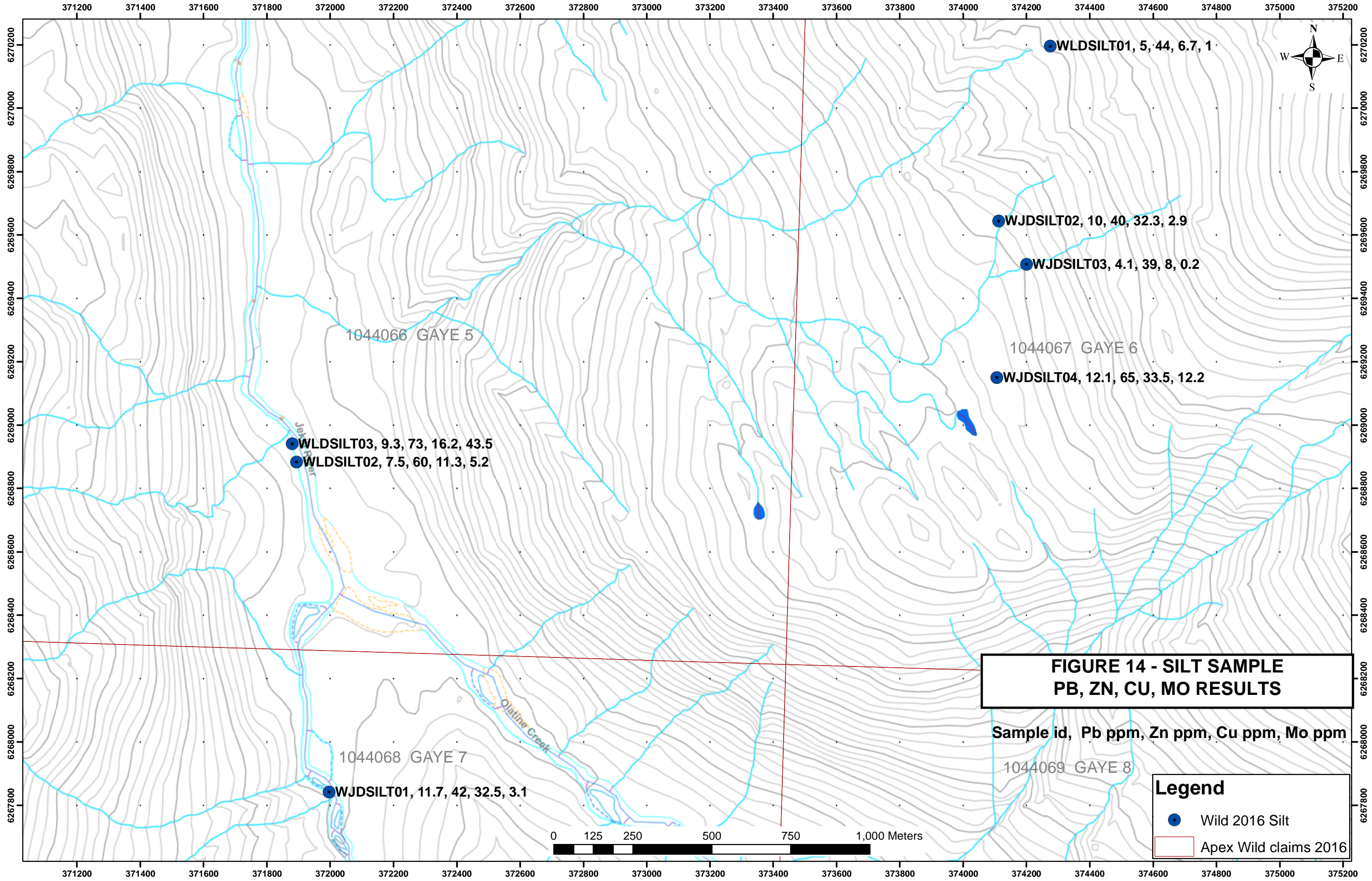
**FIGURE 12 - WEST SIDE  
SOIL SAMPLE PB, ZN, CU, MO RESULTS**

+ Sample id, Pb ppm, Zn ppm, Cu ppm, Mo ppm

**Legend**

- Wild 2016 soils
- Apex Wild claims 2016





## **9) CONCLUSIONS**

The Wild Property is underlain by marine sedimentary and volcanic rocks of the Stikine Assemblage and Stuhini Group. These rocks are intruded by quartz monzonites and undivided intrusive rocks of the Coast Plutonic Complex.

The property is bisected by the northerly flowing Jekill River. Rock and soil sampling was carried out above tree line on steep west and east slopes. The east area is underlain entirely by granodiorite intrusives, with occasional dykes and quartz veins. Rusty boulder trains of pyritic sediments, skarn and mineralized quartz were sampled, but source location was not found. The west area is underlain by mixed volcanic and sedimentary rocks cut by pyritic layers and quartz veins. Although none of the rock samples returned values of significance, the west side soil line showed elevated copper and zinc values.

Exploration targets on the Wild Property include high grade gold-silver shear/vein style mineralization such as seen at the Snip Mine, located 9.5 kilometres to the north and at the Johnny Mountain Gold Mine 4.5 kilometres to the north.

Although the analytical results from the 2016 sampling program did not show widespread significant base or precious metal values, the favourable location and geology on the Wild Property warrant additional exploration work.

## **10) RECOMMENDATIONS**

Due to the geologic setting and strong visible alteration features (gossanous zones and structures) an exploration program is recommended for the Wild Property for 2017. This two phase program should consist of an airborne geophysical survey (magnetics and electromagnetics) as Phase I to test for buried signatures that may relate to sulphide mineralization or conductive vein/shear structures. Phase II will follow-up targets generated by Phase I with geological mapping and geochemical sampling.

Estimated cost for the 2017 two phase exploration program is \$250,000.

Respectfully submitted,

"Linda Dandy"

Linda Dandy, P.Geol.

March 26, 2017

Amended March 2, 2018

## **11) REFERENCES**

**BC MINFILE:** 104B 559 – Hag 4; 104B 307 – Burton; 104B 308 – Star; 104B 319 – Hag; 104B 269 – Burnie 1; 104B 349 – Still; 104B 272 – Dan 2; 104B 316 – Exposure; 104B 250 – Snip; 104B 107 – Johnny Mountain.

**BURSON, M.J.,** 1987; 1987 Geological and Geochemical Report on the Jekill River Project: BC Ministry of Energy and Mines Assessment Report #16894.

**CAULFIELD, D.A. and IKONA, C.K.,** 1983; Geological and Geochemical Assessment Report on the Star 1-8, 10 Mineral Claims: BC Ministry of Energy and Mines Assessment Report #11342.

**De CARLE, R.J.,** 1988; Report on a Combined Helicopter-Borne Magnetic, Electromagnetic and VLF Survey: BC Ministry of Mines Assessment Report #18876.

**DEWONCK, B., and McCROSSAN, E.,** 1988; Report on the Pez-Hag Property: BC Ministry of Energy and Mines Assessment Report #18516.

**ECCLES, L.,** 1981; Geological and Geochemical Report on the Burton and Cummings Claims: BC Ministry of Energy and Mines Assessment Report #09190.

**PEGG, R.,** 1989; Geological and Geochemical Assessment Report on the Olatine Property: BC Ministry of Energy and Mines Assessment Report #19903.

**WEBSITES:** Colorado Resources Ltd., Seabridge Gold Corp.

**12) COST STATEMENT**

<b>EXPLORATION WORK TYPE</b>	<b>COMMENT</b>	<b>UNIT</b>	<b>RATE</b>	<b>SUBTOTAL</b>	<b>TOTALS</b>
<b>Personnel / Position</b>	<b>Field Days</b>	<b>Days</b>			
Linda Dandy/Geologist	Sept 20, 21, 25, 26, 2016	4	\$850.00	\$3,400.00	
Jack Denny/Prospector	Sept 20, 21, 23, 25, 26, 2016	4.5	\$400.00	\$1,800.00	
Robert Denny/Sampler	Sept 20, 21, 23, 25, 26, 2016	4.5	\$320.00	\$1,440.00	
				\$6,640.00	<b>\$6,640.00</b>
<b>Office Studies</b>					
Report preparation	Linda Dandy	2.5	\$850.00	\$2,125.00	
				\$2,125.00	<b>\$2,125.00</b>
<b>Geochemical Surveying</b>	<b>Number of Samples</b>	<b>No.</b>			
Rock	25	25	\$53.15	\$1,328.86	
Soil/Silt	39	39	\$24.57	\$958.23	
				\$2,287.09	<b>\$2,287.09</b>
<b>Transportation</b>		<b>No.</b>			
truck rental		2.5	\$100.00	\$250.00	
Helicopter (hours)		4.9	\$2,001.16	\$9,805.70	
				\$10,055.70	<b>\$10,055.70</b>
<b>Accommodation &amp; Food</b>	<b>Rates per day</b>				
Hotel	hotel + meals	9	\$220.81	\$1,987.30	
				\$1,987.30	<b>\$1,987.30</b>
<b>TOTAL Expenditures</b>					<b>\$23,095.09</b>



### **13) QUALIFICATIONS**

**I, Linda Dandy**, hereby certify that:

1. I am an independent Consulting Geologist having an office at 4900 Warm Bay Road, Atlin, British Columbia, V0W 1A0.
2. I am a graduate of the University of British Columbia with the degree of Bachelor of Science in Geology (1981).
3. I am a member of the Association of Professional Engineers and Geoscientists of British Columbia (Registration No. 19236) and a Fellow of the Geological Association of Canada (Membership No. F5201).
4. I have practiced my profession in North America since 1981, having worked as an employee and consultant for Major Mining Corporations and Junior Resource Companies and Government.
5. This report is based upon a personal examination of available company and government reports pertinent to the subject property, and upon fieldwork undertaken on the property from September 20 to 26, 2016. I directly supervised the 2016 field work on the property.

March 26, 2017 (amended March 2, 2018)  
Atlin, BC

"Linda Dandy"  
Linda Dandy, P.Ge.  
Consulting Geologist

## **APPENDICES**

**APPENDIX I** – ROCK SAMPLE RESULTS – CERTIFICATES OF ANALYSES

**APPENDIX II** – SOIL/SILT SAMPLE RESULTS – CERTIFICATES OF ANALYSES

**APPENDIX I**

**ROCK SAMPLE CERTIFICATES OF ANALYSES**

**BUREAU VERITAS**



**BUREAU VERITAS** MINERAL LABORATORIES  
Canada

[www.bureauveritas.com/um](http://www.bureauveritas.com/um)

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

**Client:** **Apex Resources Inc.**  
2000 - 1066 West Hastings Street  
Vancouver British Columbia V6E 3X2 Canada

Submitted By: Linda Dandy  
Receiving Lab: Canada-Whitehorse  
Received: September 29, 2016  
Report Date: October 14, 2016  
Page: 1 of 2

## CERTIFICATE OF ANALYSIS

WHI16000328.1

### CLIENT JOB INFORMATION

Project: Wild  
Shipment ID: 1  
P.O. Number  
Number of Samples: 25

### SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage  
STOR-RJT Store After 90 days Invoice for Storage

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

Invoice To: Apex Resources Inc.  
2000 - 1066 West Hastings Street  
Vancouver British Columbia V6E 3X2  
Canada

CC: Arthur Troup

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP90-250	25	Crush (>90%), split and pulverize 250g rock to 200 mesh			WHI
FA550	25	50g Lead collection fire assay fusion - grav finish	50	Completed	VAN
AQ200	25	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN
SHP01	25	Per sample shipping charges for branch shipments			VAN

### ADDITIONAL COMMENTS



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 Commodities Canada Ltd.

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**Project:** Wild  
**Report Date:** October 14, 2016

**Page:** 2 of 2

**Part:** 1 of 2

# CERTIFICATE OF ANALYSIS

# WHI16000328.1

Method	WGHT	FA550	FA550	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
Analyte	Wgt	Ag	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	kg	gm/t	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	20	0.9	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	0.1	
WBD-01	Rock	1.22	<20	<0.9	0.2	2.3	14.8	17	<0.1	1.3	1.9	345	1.58	0.6	<0.5	7.0	23	<0.1	0.1	<0.1	20
WBD-02	Rock	1.40	<20	<0.9	1.5	723.7	14.5	30	1.4	20.1	70.5	210	6.42	1.7	14.0	1.3	191	0.2	0.1	0.3	90
WBD-03	Rock	0.49	<20	<0.9	0.2	10.5	21.1	3	<0.1	0.4	1.3	59	0.48	0.9	1.0	<0.1	2	<0.1	0.4	<0.1	7
WBD-04	Rock	1.30	<20	<0.9	1.3	83.5	8.3	16	0.1	12.1	12.1	193	1.36	0.7	3.7	0.1	46	0.2	0.1	<0.1	26
WBD-05	Rock	1.22	<20	<0.9	0.4	123.9	9.7	10	0.2	3.4	8.4	445	1.27	0.9	2.7	<0.1	5	<0.1	0.2	0.1	22
WJD-01	Rock	0.66	<20	<0.9	0.1	2.6	6.3	4	<0.1	0.2	0.4	54	0.30	<0.5	<0.5	0.3	1	<0.1	0.2	<0.1	<2
WJD-02	Rock	0.58	<20	<0.9	0.2	2.6	11.2	17	<0.1	1.3	3.0	227	1.82	0.5	<0.5	6.1	14	<0.1	<0.1	<0.1	24
WJD-03	Rock	1.25	<20	<0.9	0.7	4.7	4.2	21	<0.1	1.3	4.8	537	2.22	0.9	<0.5	1.2	156	<0.1	0.2	<0.1	56
WJD-04	Rock	0.82	<20	<0.9	1.5	18.7	6.6	37	0.8	2.7	14.2	504	3.67	<0.5	8.8	1.4	47	0.1	0.2	0.1	65
WJD-05	Rock	0.20	<20	<0.9	75.3	60.4	7912.4	>10000	19.0	7.4	8.1	384	1.36	1.3	582.3	0.6	86	302.8	7.7	8.7	32
WJD-06	Rock	1.12	<20	<0.9	0.6	36.6	7.6	11	<0.1	1.1	2.1	145	0.78	0.7	1.8	<0.1	2	<0.1	0.1	<0.1	5
WJD-07	Rock	1.33	<20	<0.9	1.0	100.1	31.9	57	0.4	1.9	2.1	70	1.08	0.7	2.4	<0.1	2	0.7	0.2	0.2	13
WJD-08	Rock	1.13	<20	<0.9	1.5	53.1	6.5	19	<0.1	3.7	4.2	221	1.34	0.6	1.7	0.1	4	0.1	0.1	<0.1	27
WJD-09	Rock	0.96	<20	<0.9	1.3	69.6	21.2	20	0.3	8.0	6.7	88	1.72	<0.5	2.7	0.4	6	<0.1	0.1	0.1	69
WJD-10	Rock	0.95	<20	<0.9	1.6	26.5	4.7	20	<0.1	7.6	3.4	174	1.42	<0.5	2.7	0.4	14	<0.1	<0.1	<0.1	35
WJD-11	Rock	1.15	<20	<0.9	2.2	185.4	13.6	61	0.7	19.9	21.8	479	5.04	15.8	94.6	0.4	4	<0.1	0.2	0.3	207
WLD-01	Rock	0.90	<20	<0.9	1.2	21.4	5.6	62	0.6	1.9	11.4	784	4.08	0.5	4.5	2.2	22	<0.1	<0.1	0.2	110
WLD-02	Rock	1.57	<20	<0.9	1.5	19.0	7.5	71	0.9	2.3	15.3	819	4.02	<0.5	11.5	3.2	9	0.1	<0.1	0.2	175
WLD-03	Rock	1.17	<20	<0.9	3.2	11.3	6.5	64	1.2	1.5	12.7	850	4.36	1.3	9.3	1.7	8	0.2	0.2	0.1	83
WLD-04	Rock	1.94	<20	<0.9	993.9	29.6	5.7	17	<0.1	30.5	4.3	367	0.81	1.3	1.7	0.5	69	1.6	0.2	<0.1	55
WLD-05	Rock	0.28	<20	<0.9	1.5	1.8	9.0	8	<0.1	0.1	0.8	85	0.59	<0.5	<0.5	20.1	7	<0.1	<0.1	<0.1	7
WLD-06	Rock	0.68	<20	<0.9	1.6	20.8	3.0	8	<0.1	3.4	3.6	144	0.78	0.8	<0.5	0.2	4	<0.1	<0.1	<0.1	22
WLD-07	Rock	0.72	<20	<0.9	1.3	81.1	24.1	64	0.4	4.5	3.0	89	2.29	5.7	1.2	0.5	5	0.7	0.1	<0.1	105
WLD-08	Rock	0.48	<20	<0.9	0.8	99.5	20.4	14	0.5	9.6	7.6	80	2.05	<0.5	0.8	0.3	5	<0.1	0.3	0.1	37
WLD-09	Rock	0.51	<20	<0.9	0.9	260.4	3.5	28	0.6	1.5	10.7	316	2.40	<0.5	18.1	0.5	144	<0.1	0.1	<0.1	126



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**Project:** Wild  
**Report Date:** October 14, 2016

**Page:** 2 of 2

**Part:** 2 of 2

# CERTIFICATE OF ANALYSIS

# WHI16000328.1

Method	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2		
WBD-01	Rock	1.78	0.065	15	3	0.11	311	0.002	<20	0.56	0.034	0.17	0.4	0.02	2.7	<0.1	<0.05	2	<0.5	<0.2
WBD-02	Rock	2.26	0.266	13	10	0.59	141	0.167	<20	2.87	0.135	0.65	1.2	<0.01	2.6	0.3	3.02	7	2.9	0.7
WBD-03	Rock	0.06	0.017	<1	3	0.03	39	0.013	<20	0.06	0.007	0.02	1.6	0.04	0.4	<0.1	<0.05	<1	<0.5	<0.2
WBD-04	Rock	2.75	0.051	1	4	0.18	31	0.076	<20	1.17	0.123	0.02	0.1	<0.01	1.8	<0.1	0.43	3	1.0	<0.2
WBD-05	Rock	0.17	0.009	<1	6	0.11	53	0.033	<20	0.25	0.028	0.08	5.5	0.02	2.0	<0.1	0.15	<1	<0.5	<0.2
WJD-01	Rock	0.08	0.001	<1	2	<0.01	27	0.001	<20	0.05	0.001	0.03	<0.1	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2
WJD-02	Rock	0.44	0.062	17	3	0.06	128	0.002	<20	0.45	0.027	0.13	0.1	<0.01	3.2	<0.1	<0.05	1	<0.5	<0.2
WJD-03	Rock	3.36	0.161	3	2	0.20	41	0.101	<20	3.37	0.294	0.26	1.0	<0.01	2.9	<0.1	<0.05	9	<0.5	<0.2
WJD-04	Rock	1.02	0.149	6	1	0.42	71	0.065	<20	1.48	0.142	0.35	0.2	<0.01	5.9	0.2	2.45	5	1.5	0.4
WJD-05	Rock	0.96	0.047	2	13	0.11	62	0.026	<20	1.19	0.056	0.06	1.2	3.14	3.0	0.1	1.77	5	3.0	1.6
WJD-06	Rock	0.05	0.002	<1	2	0.04	16	0.006	<20	0.09	0.004	0.01	0.6	<0.01	0.6	<0.1	<0.05	<1	<0.5	<0.2
WJD-07	Rock	0.06	0.003	<1	4	0.05	16	0.015	<20	0.15	0.007	0.03	1.2	0.02	0.9	<0.1	<0.05	<1	0.6	<0.2
WJD-08	Rock	0.33	0.017	1	9	0.26	30	0.050	<20	0.51	0.041	0.05	1.0	<0.01	2.1	<0.1	<0.05	2	<0.5	<0.2
WJD-09	Rock	0.12	0.031	4	14	0.35	101	0.076	<20	0.58	0.072	0.13	0.2	<0.01	4.6	<0.1	0.19	2	1.2	<0.2
WJD-10	Rock	0.25	0.020	2	14	0.33	148	0.081	<20	0.62	0.035	0.11	0.5	<0.01	3.6	<0.1	0.11	3	<0.5	<0.2
WJD-11	Rock	0.99	0.041	3	22	1.13	38	0.327	<20	2.26	0.047	0.08	2.7	<0.01	13.6	<0.1	0.51	12	1.3	<0.2
WLD-01	Rock	0.72	0.206	9	2	0.70	140	0.219	<20	1.60	0.137	0.83	0.3	<0.01	8.1	0.5	1.10	6	<0.5	<0.2
WLD-02	Rock	0.44	0.197	8	3	0.80	86	0.130	<20	1.18	0.074	0.69	0.3	<0.01	11.2	0.5	2.22	6	1.1	0.4
WLD-03	Rock	0.41	0.151	6	2	0.69	48	0.054	<20	0.96	0.046	0.48	0.1	<0.01	6.0	0.3	2.91	4	0.7	<0.2
WLD-04	Rock	4.32	0.207	4	107	0.04	42	0.083	<20	0.91	0.033	0.04	0.8	<0.01	5.8	<0.1	0.12	3	<0.5	<0.2
WLD-05	Rock	0.07	0.006	6	2	0.06	40	0.018	<20	0.20	0.055	0.12	<0.1	<0.01	0.6	<0.1	<0.05	1	<0.5	<0.2
WLD-06	Rock	0.11	0.018	2	5	0.19	181	0.030	<20	0.30	0.031	0.06	0.5	<0.01	1.8	<0.1	<0.05	1	<0.5	<0.2
WLD-07	Rock	0.23	0.079	5	14	0.46	85	0.146	<20	0.88	0.060	0.09	0.2	<0.01	7.5	<0.1	<0.05	4	0.9	<0.2
WLD-08	Rock	0.51	0.044	3	7	0.11	36	0.181	<20	0.36	0.054	0.02	0.4	<0.01	1.2	<0.1	0.32	2	1.8	<0.2
WLD-09	Rock	1.78	0.117	3	<1	0.54	250	0.132	<20	2.34	0.319	0.26	0.2	<0.01	9.4	<0.1	<0.05	7	<0.5	<0.2



Bureau Veritas Commodities Canada Ltd.  
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**Client:** Apex Resources Inc.  
2000 - 1066 West Hastings Street  
Vancouver British Columbia V6E 3X2 Canada

Project: Wild  
Report Date: October 14, 2016

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# QUALITY CONTROL REPORT

WHI16000328.1

Method	WGHT	FA550	FA550	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
Analyte	Wgt	Ag	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V		
Unit	kg	gm/t	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm		
MDL	0.01	20	0.9	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1			
Pulp Duplicates																						
WBD-03	Rock	0.49	<20	<0.9	0.2	10.5	21.1	3	<0.1	0.4	1.3	59	0.48	0.9	1.0	<0.1	2	<0.1	0.4	<0.1	7	
REP WBD-03	QC				0.2	10.8	20.5	3	<0.1	0.5	1.4	61	0.52	1.0	1.0	<0.1	2	<0.1	0.5	<0.1	7	
WLD-08	Rock	0.48	<20	<0.9	0.8	99.5	20.4	14	0.5	9.6	7.6	80	2.05	<0.5	0.8	0.3	5	<0.1	0.3	0.1	37	
REP WLD-08	QC		<20	<0.9																		
Core Reject Duplicates																						
WJD-01	Rock	0.66	<20	<0.9	0.1	2.6	6.3	4	<0.1	0.2	0.4	54	0.30	<0.5	<0.5	0.3	1	<0.1	0.2	<0.1	<2	
DUP WJD-01	QC		<20	<0.9	0.2	3.0	6.0	2	<0.1	0.4	0.6	60	0.41	<0.5	<0.5	0.3	1	<0.1	0.3	<0.1	<2	
Reference Materials																						
STD AGPROOF	Standard		97	<0.9																		
STD DS10	Standard				15.1	166.9	163.2	367	2.1	80.0	14.3	946	2.90	45.8	92.6	7.8	73	2.9	9.0	13.7	45	
STD DS10	Standard				14.6	158.9	144.9	364	2.0	78.3	13.9	915	2.78	45.8	83.2	7.7	66	2.8	8.1	12.2	42	
STD OREAS45EA	Standard				1.7	740.5	14.6	32	0.3	418.7	57.7	458	24.35	11.6	64.6	10.5	4	<0.1	0.3	0.3	338	
STD OREAS45EA	Standard				1.6	708.6	13.9	31	0.3	396.5	55.2	440	22.31	10.7	50.9	9.8	4	<0.1	0.3	0.3	318	
STD SP49	Standard		57	18.2																		
STD SQ70	Standard		159	40.0																		
STD AGPROOF Expected			94	0																		
STD SP49 Expected			60.2	18.34																		
STD SQ70 Expected			159.5	39.62																		
STD DS10 Expected					13.6	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	46.2	91.9	7.5	67.1	2.62	9	11.65	43	
STD OREAS45EA Expected					1.6	709	14.3	31.4	0.26	381	52	400	23.51	10.3	53	10.7	3.5	0.03	0.32	0.26	303	
BLK	Blank		<20	<0.9																		
BLK	Blank		<20	<0.9																		
BLK	Blank				<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	
BLK	Blank				<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	
Prep Wash																						
ROCK-WHI	Prep Blank		<20	<0.9	1.0	6.0	39.7	35	<0.1	0.6	4.1	457	1.91	1.8	<0.5	2.7	29	0.2	0.5	<0.1	24	
ROCK-WHI	Prep Blank		<20	<0.9	1.1	6.3	20.0	39	<0.1	0.5	4.0	455	1.88	1.2	<0.5	2.4	28	0.1	0.1	<0.1	23	



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Project: Wild  
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# QUALITY CONTROL REPORT

WHI16000328.1

Method		AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
Analyte		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																				
WBD-03	Rock	0.06	0.017	<1	3	0.03	39	0.013	<20	0.06	0.007	0.02	1.6	0.04	0.4	<0.1	<0.05	<1	<0.5	<0.2
REP WBD-03	QC	0.06	0.017	<1	3	0.03	38	0.013	<20	0.06	0.006	0.02	1.9	0.04	0.5	<0.1	<0.05	<1	<0.5	<0.2
WLD-08	Rock	0.51	0.044	3	7	0.11	36	0.181	<20	0.36	0.054	0.02	0.4	<0.01	1.2	<0.1	0.32	2	1.8	<0.2
REP WLD-08	QC																			
Core Reject Duplicates																				
WJD-01	Rock	0.08	0.001	<1	2	<0.01	27	0.001	<20	0.05	0.001	0.03	<0.1	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2
DUP WJD-01	QC	0.07	0.001	<1	3	<0.01	27	<0.001	<20	0.05	0.003	0.03	0.8	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2
Reference Materials																				
STD AGPROOF	Standard																			
STD DS10	Standard	1.16	0.080	19	61	0.83	457	0.084	<20	1.11	0.073	0.36	3.1	0.29	3.2	5.6	0.29	5	2.4	5.1
STD DS10	Standard	1.12	0.080	18	58	0.78	431	0.080	<20	1.08	0.072	0.35	3.3	0.27	2.9	5.1	0.29	5	1.9	4.8
STD OREAS45EA	Standard	0.04	0.032	8	983	0.10	155	0.104	<20	3.54	0.022	0.06	<0.1	<0.01	83.5	<0.1	<0.05	14	0.9	<0.2
STD OREAS45EA	Standard	0.03	0.030	7	932	0.09	145	0.099	<20	3.26	0.021	0.05	<0.1	<0.01	78.4	<0.1	<0.05	13	0.6	<0.2
STD SP49	Standard																			
STD SQ70	Standard																			
STD AGPROOF Expected																				
STD SP49 Expected																				
STD SQ70 Expected																				
STD DS10 Expected		1.0625	0.0765	17.5	54.6	0.775	412	0.0817		1.0259	0.067	0.338	3.32	0.3	2.8	5.1	0.29	4.3	2.3	5.01
STD OREAS45EA Expected		0.036	0.029	7.06	849	0.095	148	0.0984		3.13	0.02	0.053			78	0.072	0.036	12.4	0.78	0.07
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
Prep Wash																				
ROCK-WHI	Prep Blank	0.68	0.046	5	3	0.43	89	0.089	<20	1.00	0.085	0.09	0.5	0.05	2.7	<0.1	<0.05	4	<0.5	<0.2
ROCK-WHI	Prep Blank	0.63	0.043	5	3	0.42	88	0.088	<20	0.96	0.093	0.09	0.2	0.02	2.6	<0.1	<0.05	4	<0.5	<0.2



**APPENDIX II**

**SOIL AND SILT SAMPLE CERTIFICATES OF ANALYSES**

**BUREAU VERITAS**



**BUREAU VERITAS** MINERAL LABORATORIES  
Canada

[www.bureauveritas.com/um](http://www.bureauveritas.com/um)

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

**Client:** **Apex Resources Inc.**  
2000 - 1066 West Hastings Street  
Vancouver British Columbia V6E 3X2 Canada

Submitted By: Linda Dandy  
Receiving Lab: Canada-Whitehorse  
Received: September 29, 2016  
Report Date: October 14, 2016  
Page: 1 of 3

# CERTIFICATE OF ANALYSIS

WHI16000329.1

## CLIENT JOB INFORMATION

Project: Wild  
Shipment ID: 1  
P.O. Number  
Number of Samples: 39

## SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage  
STOR-RJT-SOIL Store Soil Reject - RJSV Charges Apply

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

Invoice To: Apex Resources Inc.  
2000 - 1066 West Hastings Street  
Vancouver British Columbia V6E 3X2  
Canada

CC: Arthur Troup

## SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	39	Dry at 60C			WHI
SS80	39	Dry at 60C sieve 100g to -80 mesh			WHI
SVRJT	39	Save all or part of Soil Reject			WHI
AQ200	39	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN
SHP01	39	Per sample shipping charges for branch shipments			VAN

## ADDITIONAL COMMENTS



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.



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**Project:** Wild  
**Report Date:** October 14, 2016

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**Part:** 1 of 2

# CERTIFICATE OF ANALYSIS

# WHI16000329.1

Method	Analyte	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	2	0.01	0.001	1	
WBDS-001	Soil	0.1	8.2	3.4	34	<0.1	3.4	4.4	328	2.33	0.9	<0.5	3.1	21	<0.1	<0.1	<0.1	62	0.39	0.112	7
WBDS-002	Soil	0.3	8.0	7.1	38	<0.1	5.8	7.3	438	2.71	<0.5	3.9	3.2	32	<0.1	<0.1	<0.1	66	0.43	0.106	7
WBDS-003	Soil	0.2	5.6	5.1	28	<0.1	3.7	4.1	248	2.32	0.9	<0.5	2.5	26	<0.1	<0.1	<0.1	55	0.23	0.041	5
WBDS-004	Soil	0.7	5.9	5.3	33	<0.1	5.1	3.7	214	2.17	0.9	<0.5	1.6	30	<0.1	<0.1	<0.1	58	0.33	0.075	5
WBDS-005	Soil	1.6	14.3	7.3	51	0.1	9.9	5.2	311	2.55	1.7	0.7	0.8	26	0.1	<0.1	0.1	64	0.25	0.081	9
WBDS-006	Soil	1.6	6.0	8.0	39	0.1	5.1	5.4	392	2.68	2.0	<0.5	1.0	29	<0.1	<0.1	0.1	55	0.17	0.043	9
WBDS-007	Soil	0.3	4.8	4.1	32	<0.1	3.3	3.5	240	2.23	0.7	<0.5	3.6	28	<0.1	<0.1	<0.1	57	0.38	0.117	9
WBDS-008	Soil	0.3	3.0	3.6	38	<0.1	2.9	3.9	265	1.71	<0.5	<0.5	1.7	34	<0.1	<0.1	<0.1	45	0.40	0.059	6
WBDS-009	Soil	0.5	5.9	5.4	40	<0.1	4.5	3.8	255	1.10	1.0	0.7	1.9	23	<0.1	<0.1	<0.1	37	0.27	0.084	9
WBDS-010	Soil	0.4	1.1	3.2	20	<0.1	1.5	2.0	170	0.70	<0.5	<0.5	2.3	20	<0.1	<0.1	<0.1	28	0.24	0.074	7
WBDS-011	Soil	4.0	12.0	7.5	43	<0.1	7.9	4.7	230	3.08	2.4	1.0	1.9	29	<0.1	0.1	0.1	61	0.27	0.058	12
WBDS-012	Soil	7.3	8.5	10.0	40	0.2	4.4	3.4	207	2.35	4.9	<0.5	2.9	15	<0.1	0.3	0.2	46	0.20	0.077	32
WBDS-013	Soil	1.7	4.3	4.1	33	<0.1	4.2	3.9	258	2.52	0.6	1.2	4.6	27	<0.1	<0.1	0.2	52	0.32	0.089	8
WBDS-014	Soil	1.0	5.7	6.1	30	0.6	3.7	2.8	198	1.58	0.5	2.8	2.6	18	<0.1	<0.1	0.2	41	0.15	0.060	7
WBDS-015	Soil	9.0	7.9	5.6	40	0.3	7.6	3.9	244	1.83	1.3	1.9	1.6	24	<0.1	<0.1	0.2	55	0.19	0.073	8
WBDS-016	Soil	16.9	13.6	7.2	56	<0.1	10.8	6.2	320	3.19	3.3	3.0	1.7	46	<0.1	<0.1	0.3	82	0.56	0.086	14
WBDS-017	Soil	10.6	24.8	6.5	49	<0.1	14.9	9.5	401	3.86	3.5	1.2	3.8	20	0.1	0.1	0.3	90	0.22	0.092	15
WBDS-018	Soil	1.1	5.4	4.0	33	<0.1	4.3	3.9	256	2.69	1.0	1.7	5.0	21	<0.1	<0.1	0.2	56	0.36	0.111	10
WBDS-019	Soil	13.5	3.3	16.9	22	0.2	2.2	1.3	66	6.45	4.2	1.4	2.9	8	<0.1	0.4	0.5	43	0.07	0.038	31
WBDS-020	Soil	17.1	36.5	9.3	43	0.3	12.4	41.9	2358	3.22	2.3	1.2	1.2	43	0.3	0.3	0.2	59	0.50	0.068	40
WBDS-021	Soil	4.0	19.0	5.6	14	2.2	3.3	2.5	42	1.56	0.9	2.1	0.3	12	0.2	0.2	0.1	12	0.10	0.100	30
WBDS-022	Soil	3.4	57.8	9.6	34	1.9	21.9	9.6	220	4.17	5.8	6.3	0.7	7	0.2	0.2	0.1	65	0.08	0.075	31
WBDS-023	Soil	0.8	3.6	11.2	8	0.2	0.5	0.7	31	0.96	<0.5	0.6	0.3	5	<0.1	<0.1	0.3	50	0.03	0.024	3
WBDS-024	Soil	1.9	19.3	17.1	24	0.1	7.5	4.0	150	6.99	1.1	8.6	4.6	6	<0.1	0.1	0.4	182	0.05	0.026	10
WBDS-025	Soil	4.2	142.0	12.1	60	0.2	8.6	11.3	308	3.93	3.3	2.4	0.4	16	0.1	<0.1	0.3	153	0.16	0.068	4
WBDS-026	Soil	1.6	73.8	12.2	81	0.2	18.0	16.4	592	3.47	4.3	2.8	3.1	90	0.4	<0.1	1.1	106	0.81	0.121	7
WBDS-027	Soil	3.2	129.3	8.2	75	0.1	11.8	16.4	402	4.85	4.0	4.2	3.2	17	0.1	<0.1	0.6	131	0.23	0.066	14
WBDS-028	Soil	1.3	27.2	6.4	47	0.1	4.9	5.0	249	2.73	1.7	1.3	3.5	17	0.1	<0.1	0.6	73	0.20	0.056	8
WBDS-029	Soil	4.6	327.6	9.1	123	0.1	9.8	27.3	657	7.30	3.2	7.0	2.3	12	<0.1	<0.1	0.3	289	0.35	0.055	14
WBDS-030	Soil	3.7	105.0	8.5	62	0.1	6.2	8.4	332	4.32	7.5	2.8	4.4	5	0.1	0.2	0.2	79	0.10	0.058	18



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**Project:** Wild  
**Report Date:** October 14, 2016

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# CERTIFICATE OF ANALYSIS

WHI16000329.1

Method	Analyte	AQ200															
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
WBDS-001	Soil	10	0.37	161	0.094	<20	0.79	0.027	0.16	0.5	0.01	2.0	0.1	<0.05	4	<0.5	<0.2
WBDS-002	Soil	22	0.51	177	0.102	<20	0.92	0.031	0.19	0.3	<0.01	2.3	0.1	<0.05	4	<0.5	<0.2
WBDS-003	Soil	14	0.33	88	0.077	<20	0.57	0.023	0.09	0.1	0.02	1.7	<0.1	<0.05	3	<0.5	<0.2
WBDS-004	Soil	23	0.39	113	0.082	<20	0.81	0.028	0.09	0.3	<0.01	1.7	<0.1	<0.05	4	<0.5	<0.2
WBDS-005	Soil	30	0.58	114	0.109	<20	1.75	0.028	0.11	0.3	0.04	2.3	0.1	<0.05	7	0.8	<0.2
WBDS-006	Soil	20	0.40	123	0.124	<20	1.35	0.030	0.08	0.2	0.03	1.8	0.1	<0.05	10	<0.5	<0.2
WBDS-007	Soil	14	0.36	140	0.083	<20	0.83	0.021	0.11	0.2	<0.01	1.7	<0.1	<0.05	4	<0.5	<0.2
WBDS-008	Soil	11	0.40	214	0.104	<20	0.69	0.027	0.14	0.2	0.02	1.7	0.1	<0.05	4	<0.5	<0.2
WBDS-009	Soil	13	0.44	150	0.109	<20	1.10	0.028	0.12	0.1	0.02	2.0	<0.1	<0.05	6	<0.5	<0.2
WBDS-010	Soil	5	0.28	60	0.069	<20	0.59	0.021	0.03	0.1	<0.01	1.1	<0.1	<0.05	4	<0.5	<0.2
WBDS-011	Soil	22	0.46	87	0.165	<20	1.55	0.072	0.08	0.3	0.04	2.9	0.1	<0.05	8	<0.5	<0.2
WBDS-012	Soil	15	0.36	71	0.139	<20	1.92	0.029	0.05	0.5	0.04	2.0	0.1	<0.05	17	<0.5	<0.2
WBDS-013	Soil	8	0.38	129	0.096	<20	0.76	0.028	0.11	0.4	<0.01	1.7	<0.1	<0.05	4	<0.5	<0.2
WBDS-014	Soil	8	0.32	76	0.094	<20	1.12	0.020	0.06	0.2	0.04	1.2	<0.1	<0.05	6	<0.5	<0.2
WBDS-015	Soil	14	0.43	72	0.100	<20	1.07	0.026	0.08	0.4	0.04	1.4	<0.1	<0.05	7	<0.5	<0.2
WBDS-016	Soil	21	0.54	104	0.144	<20	1.77	0.057	0.10	1.9	0.05	2.5	0.1	0.05	9	<0.5	<0.2
WBDS-017	Soil	39	0.63	73	0.128	<20	2.06	0.031	0.13	0.6	0.04	3.3	0.2	<0.05	9	0.5	<0.2
WBDS-018	Soil	10	0.35	104	0.089	<20	0.80	0.024	0.07	0.3	<0.01	1.9	0.1	<0.05	4	<0.5	<0.2
WBDS-019	Soil	11	0.05	64	0.191	<20	1.17	0.018	0.03	0.1	0.09	0.9	0.1	<0.05	65	<0.5	<0.2
WBDS-020	Soil	26	0.45	56	0.238	<20	2.38	0.131	0.12	0.3	0.08	3.3	0.5	0.06	10	1.6	<0.2
WBDS-021	Soil	10	0.05	29	0.042	<20	2.67	0.036	0.05	0.1	0.10	1.0	0.1	0.16	4	1.7	<0.2
WBDS-022	Soil	64	0.99	25	0.146	<20	3.50	0.023	0.35	0.4	0.11	2.1	0.1	<0.05	14	1.3	<0.2
WBDS-023	Soil	5	0.02	16	0.139	<20	0.25	0.010	0.02	<0.1	0.03	0.5	<0.1	<0.05	4	<0.5	<0.2
WBDS-024	Soil	42	0.42	42	0.315	<20	2.69	0.010	0.07	<0.1	0.11	4.9	<0.1	<0.05	35	<0.5	<0.2
WBDS-025	Soil	16	0.81	166	0.285	<20	1.94	0.021	0.24	1.1	0.04	5.1	0.1	<0.05	10	<0.5	<0.2
WBDS-026	Soil	17	2.17	386	0.183	<20	2.00	0.041	0.37	2.4	<0.01	6.9	0.3	<0.05	8	<0.5	<0.2
WBDS-027	Soil	26	1.30	162	0.179	<20	3.50	0.061	0.18	2.7	0.06	7.3	0.1	<0.05	14	0.8	<0.2
WBDS-028	Soil	10	0.49	102	0.104	<20	1.59	0.021	0.09	2.5	0.02	3.2	<0.1	<0.05	6	0.6	<0.2
WBDS-029	Soil	13	1.72	390	0.476	<20	4.17	0.041	0.56	2.0	0.02	12.3	0.4	<0.05	18	0.6	<0.2
WBDS-030	Soil	14	0.49	107	0.263	<20	3.89	0.036	0.22	0.7	0.06	4.7	0.2	<0.05	15	1.6	<0.2



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**Project:** Wild  
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# CERTIFICATE OF ANALYSIS

WHI16000329.1

Method	Analyte	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
WBDS-031	Soil	5.2	154.0	13.8	129	0.5	18.1	39.3	1176	4.27	6.3	5.9	2.2	26	0.4	0.1	0.7	136	0.31	0.110	16
WBDS-032	Soil	4.1	51.9	11.9	30	1.2	3.9	3.6	106	2.94	4.9	1.8	0.3	8	0.2	<0.1	0.3	90	0.07	0.064	11
WLDSILT1	Silt	3.1	32.5	11.7	42	0.1	9.6	11.9	442	3.57	1.2	3.6	3.0	66	0.2	<0.1	1.6	109	1.06	0.134	5
WLDSILT2	Silt	2.9	32.3	10.0	40	0.1	9.3	11.5	389	2.92	1.3	2.0	1.8	68	0.1	<0.1	1.9	95	1.15	0.138	5
WLDSILT3	Silt	0.2	8.0	4.1	39	<0.1	4.6	5.0	404	2.18	0.5	0.8	4.1	37	<0.1	<0.1	<0.1	51	0.58	0.126	9
WJDSILT1	Silt	12.2	33.5	12.1	65	0.1	7.7	8.4	659	3.54	1.2	1.2	12.3	64	0.1	<0.1	0.8	90	0.58	0.087	11
WJDSILT2	Silt	1.0	6.7	5.0	44	<0.1	6.7	6.0	415	4.35	1.2	1.0	4.8	37	<0.1	<0.1	0.2	98	0.44	0.103	10
WJDSILT3	Silt	5.2	11.3	7.5	60	<0.1	10.3	6.7	457	2.31	2.9	2.5	1.6	38	<0.1	<0.1	0.4	58	0.34	0.091	15
WJDSILT4	Silt	43.5	16.2	9.3	73	<0.1	12.9	14.1	2224	6.05	12.4	0.6	2.3	36	0.3	0.2	0.3	160	0.43	0.072	21



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# CERTIFICATE OF ANALYSIS

WHI16000329.1

Method	Analyte	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
WBDS-031	Soil	20	1.06	208	0.207	<20	3.31	0.049	0.22	1.5	0.05	8.1	0.2	<0.05	14	0.9	<0.2
WBDS-032	Soil	11	0.27	30	0.126	<20	1.86	0.031	0.05	0.7	0.11	2.3	<0.1	0.06	20	0.7	<0.2
WLDSILT1	Silt	18	2.16	183	0.159	<20	1.78	0.042	0.33	12.1	0.01	5.7	0.2	<0.05	7	<0.5	<0.2
WLDSILT2	Silt	17	2.12	165	0.160	<20	1.70	0.044	0.33	10.9	<0.01	5.8	0.1	<0.05	7	<0.5	<0.2
WLDSILT3	Silt	9	0.36	191	0.058	<20	0.68	0.018	0.17	0.1	<0.01	2.2	<0.1	<0.05	3	<0.5	<0.2
WJDSILT1	Silt	12	0.50	128	0.127	<20	1.25	0.047	0.13	16.2	0.03	1.9	0.1	<0.05	5	0.7	<0.2
WJDSILT2	Silt	12	0.46	187	0.100	<20	0.85	0.029	0.17	0.8	0.01	1.9	0.1	<0.05	5	<0.5	<0.2
WJDSILT3	Silt	15	0.52	142	0.109	<20	1.51	0.050	0.15	2.3	0.04	1.9	0.1	<0.05	6	1.6	<0.2
WJDSILT4	Silt	25	0.43	127	0.119	<20	1.75	0.046	0.12	5.3	0.04	2.6	0.2	<0.05	9	1.9	<0.2



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# QUALITY CONTROL REPORT

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Method	Analyte	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
Pulp Duplicates																					
WBDS-011	Soil	4.0	12.0	7.5	43	<0.1	7.9	4.7	230	3.08	2.4	1.0	1.9	29	<0.1	0.1	0.1	61	0.27	0.058	12
REP WBDS-011	QC	4.2	11.1	7.3	44	<0.1	7.6	4.8	236	3.17	2.4	1.3	2.1	27	<0.1	0.1	0.1	57	0.27	0.059	11
WJDSILT3	Silt	5.2	11.3	7.5	60	<0.1	10.3	6.7	457	2.31	2.9	2.5	1.6	38	<0.1	<0.1	0.4	58	0.34	0.091	15
REP WJDSILT3	QC	5.0	10.9	7.7	59	<0.1	10.0	6.3	459	2.22	2.7	0.9	1.9	38	0.1	<0.1	2.0	56	0.34	0.084	14
Reference Materials																					
STD DS10	Standard	15.3	161.3	153.2	366	1.8	78.2	13.3	858	2.77	46.3	95.2	7.8	69	2.3	7.8	12.6	48	1.06	0.075	19
STD DS10	Standard	13.2	156.2	155.4	361	1.9	72.5	12.7	859	2.68	45.0	57.9	7.3	64	2.6	8.4	12.3	43	1.03	0.080	17
STD OREAS45EA	Standard	1.7	761.8	14.3	35	0.2	395.7	55.6	427	23.68	11.8	56.6	10.3	4	<0.1	0.2	0.2	305	0.04	0.033	7
STD OREAS45EA	Standard	1.8	741.8	14.1	33	0.2	398.9	54.3	434	23.75	12.0	51.4	10.3	4	<0.1	0.3	0.2	295	0.04	0.028	7
STD DS10 Expected		13.6	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	46.2	91.9	7.5	67.1	2.62	9	11.65	43	1.0625	0.0765	17.5
STD OREAS45EA Expected		1.6	709	14.3	31.4	0.26	381	52	400	23.51	10.3	53	10.7	3.5	0.03	0.32	0.26	303	0.036	0.029	7.06
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	4	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1



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# QUALITY CONTROL REPORT

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Method		AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
Analyte		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																	
WBDS-011	Soil	22	0.46	87	0.165	<20	1.55	0.072	0.08	0.3	0.04	2.9	0.1	<0.05	8	<0.5	<0.2
REP WBDS-011	QC	21	0.46	83	0.164	<20	1.60	0.071	0.08	0.3	0.03	2.8	0.1	<0.05	8	0.8	<0.2
WJDSILT3	Silt	15	0.52	142	0.109	<20	1.51	0.050	0.15	2.3	0.04	1.9	0.1	<0.05	6	1.6	<0.2
REP WJDSILT3	QC	14	0.50	147	0.104	<20	1.41	0.049	0.15	2.3	0.03	1.9	0.1	<0.05	6	1.2	<0.2
Reference Materials																	
STD DS10	Standard	58	0.77	408	0.085	<20	1.03	0.072	0.32	2.8	0.29	3.4	5.4	0.25	5	2.0	5.2
STD DS10	Standard	53	0.74	421	0.075	<20	1.00	0.066	0.31	3.1	0.27	3.0	5.2	0.30	4	2.5	5.0
STD OREAS45EA	Standard	913	0.11	143	0.104	<20	3.19	0.020	0.05	<0.1	0.01	85.5	<0.1	<0.05	13	1.2	<0.2
STD OREAS45EA	Standard	880	0.11	139	0.102	<20	2.95	0.022	0.06	<0.1	<0.01	83.6	<0.1	<0.05	13	1.3	<0.2
STD DS10 Expected		54.6	0.775	412	0.0817		1.0259	0.067	0.338	3.32	0.3	2.8	5.1	0.29	4.3	2.3	5.01
STD OREAS45EA Expected		849	0.095	148	0.0984		3.13	0.02	0.053			78	0.072	0.036	12.4	0.78	0.07
BLK	Blank	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2