NTS 93M

ASSESSMENT REPORT FOR THE PEAK PROPERTY MINERAL CLAIMS 501831, 501805, 501776, 504526, 501870, 501915, 501721, 501486, 501575

Approximate Location:
Latitute: 55° 19' 58" N
Longitude: 126° 47' 06" W
Approximately 65km northeast of Stewart, BC (NTS 93M036)
Skeena Mining Division

Completed By:
APEX Geoscience Ltd.
#200, 9797- 45th Avenue
Edmonton, Alberta T6E 5V8

Completed On Behalf Of:
Grizzly Diamonds Ltd.
#220, 9797- 45th Avenue
Edmonton, Alberta T6E 5V8

January , 2006

Michael B. Dufresne, M.Sc., P.Geol.
Bryan Atkinson, B.Sc., Geol. I.T.

ASSESSMENT REPORT FOR THE PEAK PROPERTY MINERAL CLAIMS 501831, 501805, 501776, 504526, 501870, 501915, 501721, 501486, 501575

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INTRODUCTION

The Peak Property is located 65 km northeast of Smithers, BC, and is road accessible from Fort Babine (Figure 1). The total land holding for the project is 10,092 acres (4,084 hectares). The Property hosts the Ute and Rio polymetallic silver-gold-copper-lead zinc veins systems, which were discovered by Rio Canadian in 1955.

The Ute and Rio are two prominent polymetallic silver-gold-copper-zinc-lead vein systems, which are crudely laminated and consist of sulphide-quartz-carbonate (siderite) veins. The Ute vein system is steep, hosted in sheared bedded felsic volcanics and consists of tetrahedrite, argentiferous galena, chalcopyrite, sphalerite and disseminated pyrite. The vein system is hosted in a shear zone that varies from 1.5 to 4.5m wide and contains multiple veins and sulphide stringers and has been exposed over a strike length of more than 450m. The vein system is apparently bedding parallel and has been confirmed to be present at depth. The Rio vein system exists 120m south of the Ute vein system and consists of massive, banded chalcopyrite, tetrahedrite and pyrite within a bedded rhyolite tuff unit. Both mineralized vein systems are surrounded by alteration zones of up to 30m or more consisting of bleaching, manganese staining, silicification and clay alteration.

The Peak Veins were bulk sampled from open cuts during 1964, 1965 and 1974, with an adit collared in 1976. Reported sampling was about 52 metric tonnes of ore with an average grade of 7,469.5 grams per tonne (g/t) (or 217.7 ounces per ton [oz/t]) silver, 2.38 g/t (0.07 oz/t) gold, 2.40% copper, 17.19% lead and 1.45% zinc. A historic resource of 2,630 tonnes grading 411 g/t (12.0 oz/t) silver, 2.4 g/t (0.07 oz/t) gold, 5% copper and 14% lead was reported in 1983 in CIM Special Volume 37, page 185, however the resource is not compliant with National Instrument 43-101 guidelines.

Exploration during the 2005 field season included sampling of old trenches, stream sediment and silt sampling, mapping of the old grid location and all trenches using differential GPS and geological mapping. The field work was conducted in the period June 22 – July 7, 2005. In total 173 rock grab samples were collected from the Peak Property along with 23 stream sediment samples and 4 stream clay samples.

LOCATION AND ACCESS

The Peak Property is located 65 km north-northeast of Smithers and 10 km west of Fort Babine. The property is directly accessible with four wheel truck or ATVs from the gravel logging road at the north end of Babine Lake. All infrastructure including hotels, helicopters etc are available in the town of Smithers.

Figure 1. Location of the Peak Property.

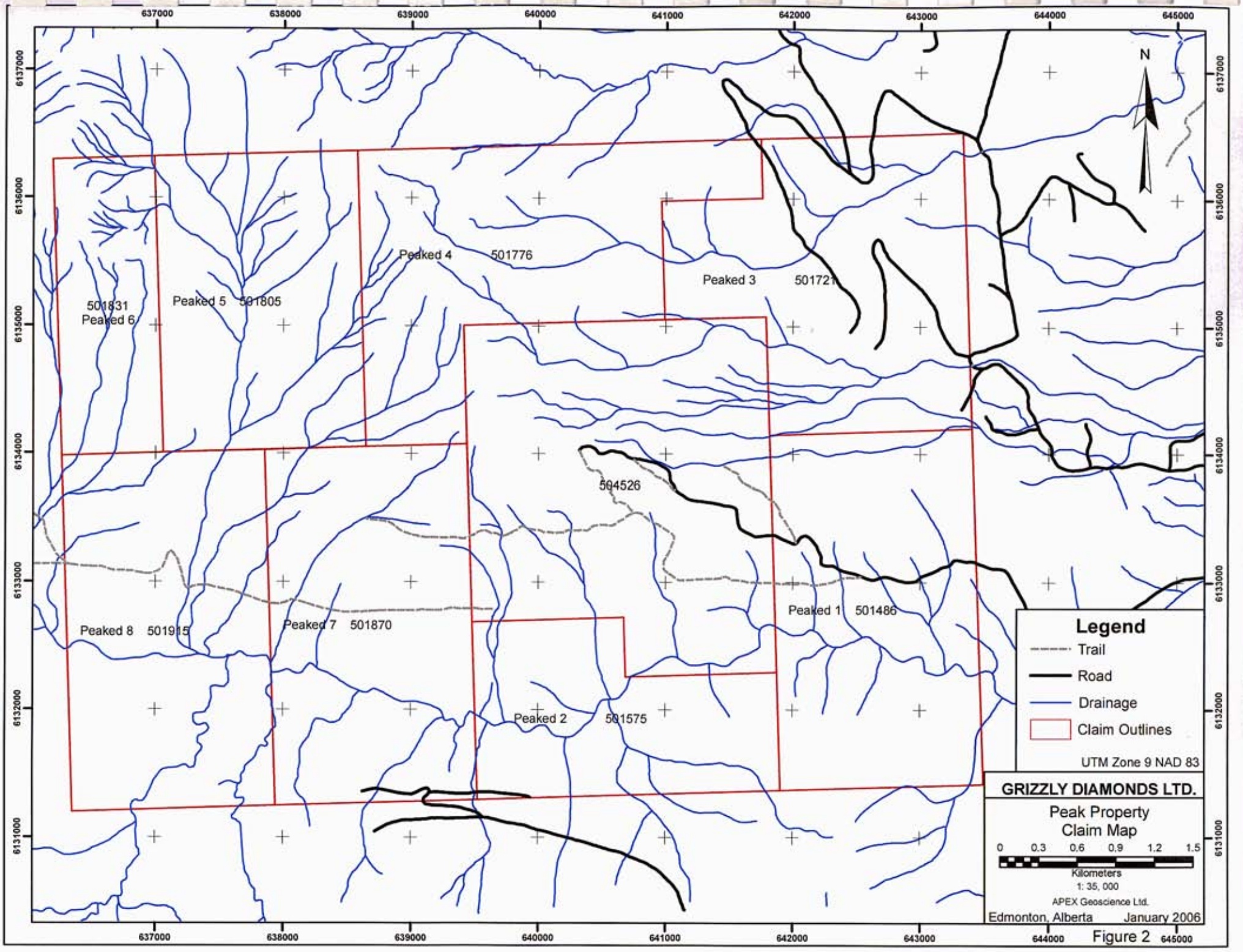
PROPERTY DESCRIPTION AND LOCATION

The Peak Property is located about 65 km north-northeast of Smithers and 10 km west of Fort Babine in the Smithers Mining Division, British Columbia (Figures 1 and 2). The property was first staked by a prospector Mr. R. Day (Day) on behalf of Valley Gold Ltd. (Valley) and Mr. E. Dodson (Dodson). Valley and Dodson have since consummated an option agreement with Grizzly Diamonds Ltd. (Grizzly) for the Peak Property. In addition to the Property acquisition, Grizzly has staked further lands adjacent to the property bringing the total land holding for the project to 10,092 acres (4,084 hectares).

Table 1: Tenure Description

Tenure Number	Good to Date	Claim Name	Area, hectares	Owner
501831	2006/jan/12	Peaked 6	183.948	John Armstrong
501805	2006/jan/12	Peaked 5	367.901	John Armstrong
501776	2006/jan/12	Peaked 4	441.119	John Armstrong
504526	2011/mar/27		607.246	Robin Day
501870	2006/jan/12	Peaked 7	441.734	John Armstrong
501915	2006/jan/12	Peaked 8	441.726	John Armstrong
501721	2006/jan/12	Peaked 3	441.481	John Armstrong
501486	2006/jan/12	Peaked 1	441.749	John Armstrong
501575	2006/jan/12	Peaked 2	276.134	John Armstrong

In detail, Grizzly has assumed an option deal for the Peak Property that was constructed between Matador Exploration Inc. (Matador), Valley and Dodson. In order for Grizzly to earn a 100% interest in the property, Grizzly must pay Valley and Dodson $20,000 cash and Matador 100,000 shares, which have both been completed. Under the terms of the agreement, Grizzly is also required to keep the property in good standing for a minimum of three years by conducting enough exploration to satisfy assessment requirements for the property. Valley and Dodson retain a retain a three percent (3%) Industry Standard Net Smelter Royalty (NSR) of which Grizzly has a first right of refusal to buy out.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Peaked 4 501776
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501831
Peaked 6
Peaked 5 501805
504526
Peaked 8 501915
Peaked 7 501870
Peaked 1 501486
Peaked 2 501575
Legend
Trail
Road
Drainage
Claim Outlines
UTM Zone 9 NAD 83
GRIZZLY DIAMONDS LTD.
Peak Property
Claim Map
0 0.3 0.6 0.9 1.2 1.5
Kilometers
1: 35, 000
APEX Geoscience Ltd.
Edmonton, Alberta January 2006

Figure 2

HISTORY

The Peak Property contains two prominent polymetallic silver-gold-copper-zinc-lead veins, that are crudely laminated and consist of sulphide-quartz-carbonate (siderite) veins. The Ute and Rio polymetallic veins, which are hosted within a thick-bedded sequence of dacitic to felsic volcanics at the Peak Property, were discovered by Rio Canadian in 1955.

The Peak Veins were bulk sampled from open cuts during 1964, 1965 and 1974, with an adit collared in 1976. Reported sampling was about 52 metric tonnes of ore with an average grade of 7,469.5 grams per tonne (g/t) (or 217.7 ounces per ton [oz/t]) silver, 2.38 g/t (0.07 oz/t) gold, 2.40% copper, 17.19% lead and 1.45% zinc. A historic resource of 2,630 tonnes grading 411 g/t (12.0 oz/t) silver, 2.4 g/t (0.07 oz/t) gold, 5% copper and 14% lead was reported in 1983 in CIM Special Volume 37, page 185, however the resource is not compliant with National Instrument 43-101 guidelines.

More modern exploration commenced during 1979 when Mr. Alex Homenuke staked the property and optioned it to Mohawk Oil Ltd. (Homenuke, 1979 and 1980). Mr. Homenuke performed exploration on the property every year between 1979 and 1991. Mr. Homenuke in conjunction with Silverado Mining Ltd. conducted more advanced exploration work between 1987 and 1991 including geochemical sampling, a small amount of drilling and a limited Induce Polarization (IP) Survey (Homenuke and Seywerd, 1987; Homenuke, 1988, 1989, 1990, 1991).

Mr. R. Day on behalf of Valley Gold Ltd. picked up the property in 2000 (Day, 2001). Mr. Day conducted prospecting, geochemical sampling, petrography and a small amount of paleontological work (Day, 2001). Samples collected by Mr. Day of an argillaceous unit interbedded with mineralized rhyolite resulted in the identification of a potentially Bajocian fossil assemblage (Hazelton Group), which if correct, indicates that the volcanic package may be age equivalent to the Mid Jurassic volcanic package that hosts the Eskay Creek Polymetallic Deposit (Day, 2001).

The polymetallic Ute and Rio Veins as well as the high grade showings discovered by Mr. Day were the focus of a property visit during October 18 to October 20, 2004. A total of 12 samples were collected from four different showings during the field visit. Rock grab samples collected during 2004 from high sulphide material spatially associated with black argillites yielded assays of up to of 56.8 g/t gold, 588 g/t silver, 7.77% copper, 0.64% lead, 0.13% zinc and greater than 1% arsenic.

It was recommended that exploration during 2005 should consist of a comprehensive compilation including digitizing and creating digital files of all prior drilling, trenching and soil sampling results, and field program consist of extensive prospecting and sampling program along with geological mapping.

DEPOSIT MODEL

Based upon the polymetallic precious metal and base metal mineralization that has been discovered to date on the property, at least three broad classes of deposit models could be present and should be searched for on the property. The models that could explain the types and styles of mineralization seen on the property to date include intrusion related Epithermal Precious Metal Deposits, Polymetallic Volcanic Associated Eskay Creek type Deposits and Precious Metal Skarns associated with porphyry style intrusions. Exploration to date indicates that the most significant poylmetallic mineralization is spatially related to an intensely sheared contact in the felsic to andesitic volcanic package. This package has been broadly mapped in the past as part of the Bowser Basin Kalsalka Group, however, recent work by Day (2001) indicates that the stratigraphy on the property may be more indicative of Md Jurassic Hazelton Group rocks which are age equivalent to the host rocks enclosing the Eskay Creek Polymetallic Deposit, which is roughly coeval with deposition of the volcanics (Figure 3).

GEOLOGICAL SETTING

Regionally the Peak Property vein systems were thought to be underlain by maroon to purple subaerial to subaqueous tuffs and flows of the Upper Cretaceous Kasalka Group (part of the Bowser Basin package), which have been subjected to complex block faulting and low angel faulting along the northern flank of the Skeena Arch. A number of granitoid plutons exist in the region as well as a number of ring-like features that may be indicative of collapsed calderas. A number of these intrusives are evident in the color shaded regional magnetic maps for the region.

Assessment reports and recent exploration work on the property indicate that the Peak veins are hosted in purple, bedded andesitic to felsic subaerial to subaqueous volcanic tuffs, flows and sediments of Upper Triassic to Middle Jurassic age, most likely belonging to the Hazelton Group. Recent paleontological work on spatially associated shallow water calcareous argillites and marls indicates the presence of Middle Jurassic (Bajocian) gastropods and pelecypods in and immediately above the volcanic sequence hosting the Ute and Rio veins systems. This indicates that the volcanic package is most likely Lower to Middle Jurassic in age, specifically Bajocian, and part of the Hazelton Group. The age and volcanic stratigraphy underlying the property bear strong similarities to the age and stratigraphy of rocks that are known to host the Eskay Creek Deposit northeast of Stewart along the northwest margin of the Bowser Basin. Middle Jurassic Bajocian time is considered the primary time of sulphide mineralization and ore deposition at Eskay Creek.

The Peak Property contains two prominent polymetallic silver-gold-copper-zinc-lead veins, which are crudely laminated and consist of sulphide-quartz-carbonate (siderite) veins. The Ute vein system is steep, hosted in sheared bedded felsic volcanics and consists of tetrahedrite, argentiferous galena, chalcopyrite, sphalerite and disseminated pyrite. The vein system is hosted in a shear zone that varies from 1.5 to 4.5 m wide and contains multiple veins and sulphide stringers and has been exposed over a strike

length of more than 450 m. The vein system is apparently bedding parallel and has been confirmed to be present at depth. The Rio vein system exists 120 m south of the Ute vein system and consists of massive, banded chalcopyrite, tetrahedrite and pyrite within a bedded rhyolite tuff unit. Both mineralized vein systems are surrounded by alteration zones of up to 30 m or more consisting of bleaching, manganese staining, silicification and clay alteration.

2005 EXPLORATION

Preparation for exploration work of 2005 consisted of a comprehensive compilation including digitizing and creating digital files of all prior drilling, trenching and soil sampling results.

During June, a six-man field crew conducted a three week prospecting, sampling and mapping program. A total of 173 (Figure 3) surface rock grab and rock chip samples were collected from the Property during the summer 2005 field program. A total of 37 rock grab samples of drill core form historic drilling campaigns were also collected during the field program. A number of high grade gold, silver and base metal values have been obtained from both the Ute and Rio vein systems. Mapping indicates that the two vein systems trend northeast and are subparallel about 120 m apart with the northernmost Ute vein system existing near to a transition from massive flow dominated dacites and rhyolites to a domain of volcaniclastic and pyroclastic dominated rocks (Figure 9), the report for the mapping completed in 2005 is included as Appendix 7.

Streams sediment samples consisting of the -2mm fraction were collected by sieving of samples through 2 mm screen. A total of 23 stream sediments were collected. In several localities where conditions were favorable a stream clay sample was also collected for a total of four. Sample locations are depicted in Figure 8 sample descriptions are given in appendices 4 and 5.

2005 Exploration Results

Ute Vein Trend

- A total of 24 out of 58 rock grab and chip samples collected from the Ute vein trend over a strike length of 260 m yielded between 100 grams per tonne (g/t) silver (2.92 ounces per ton [oz/t]) and 7,250 g/t silver (211.5 oz/t)(Figure 6).
- A total of 13 of the 24 rock grab and chip samples from the Ute trend assay between 915 g/t (26.7 oz/t) and 7,250 g/t silver (211.5 oz/t). Over the same 260 m trend, a total of 5 samples yield between 1.47 g/t (0.04 oz/t) and 12.55 g/t gold (0.37 oz/t), 16 samples assay between 1.05 % and 13.0 % copper (Figure 5), and 20 samples assay between 1.24 % and greater than 30 % lead (Figure 7).
- A number of the highly anomalous samples also yield greater than the upper limit of 1 % arsenic and antimony along with highly anomalous concentrations of manganese and bismuth.

N
W
E
S

Zoom In Ute and Rio Trench Area

Scale 1:1,500

0 100 200 Meters

Tsezakwa Creek

Tsezakwa Creek

Legend

Rock samples

05BAP040 Rock samples

Silt samples

Stream Sediments Samples

Claims outlines

Trails

Spot elevation

Drainage

Roads

UTM Zone 9 NAD 83

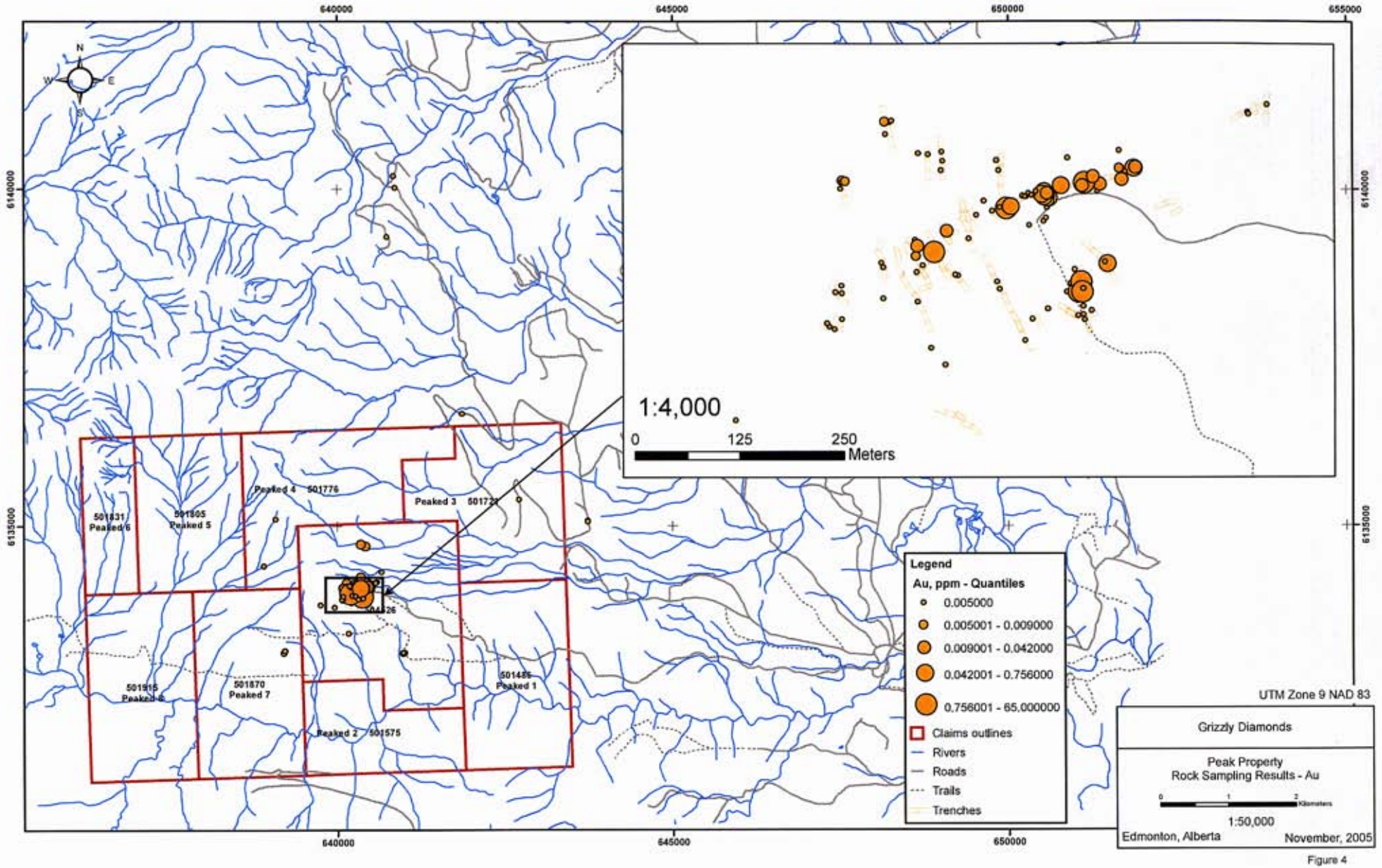
Grizzly Diamonds

Peak Property
Samples Locations

1:25,000

Edmonton, Alberta November, 2005

Figure 3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Peaked 4 501776
Peaked 3 501721
501631
Peaked 6
501805
Peaked 5
501915
Peaked 8
501870
Peaked 7
Peaked 2 501575
501485
Peaked 1
Legend
Au, ppm - Quantiles
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0.005001 - 0.009000
0.009001 - 0.042000
0.042001 - 0.756000
0.756001 - 65.000000
Claims outlines
Rivers
Roads
Trails
Trenches
UTM Zone 9 NAD 83
Grizzly Diamonds
Peak Property
Rock Sampling Results - Au
1:50,000
Edmonton, Alberta
November, 2005

Figure 4

- One rock grab sample collected about 135 m northwest of and across strike from the Ute vein system yielded 65.2 g/t gold (1.90 oz/t) (Figure 4), 480 g/t silver (14.0 oz/t), 8.25 % copper along with percent level arsenic and manganese and may indicate the potential for other sub-parallel mineralization, particularly at the contacts between the volcanics and sedimentary interbeds.

Rio Vein System

- The Rio vein system, strikes subparallel to Ute vein system about 120 m to the southeast, is intermittently exposed over a strike length of about 60 m.
- The Rio vein system appears to be a more gold and copper rich system with a total of 14 of 25 rock grab samples over the 60 m trend yielding between 1.10 g/t gold (0.03 oz/t) and 14.15 g/t gold (0.41 oz/t) (Figure 4), along with 12 samples yielding between 1.97 % and 8.77 % copper (Figure 5).
- Only one sample yielded greater than 1,000 g/t silver (>29.2 oz/t) and greater than 1 % lead (Figures 6 and 7 respectively).
- Similar to the Ute vein system, the Rio vein system also yields highly anomalous concentrations of manganese, arsenic, bismuth and antimony.

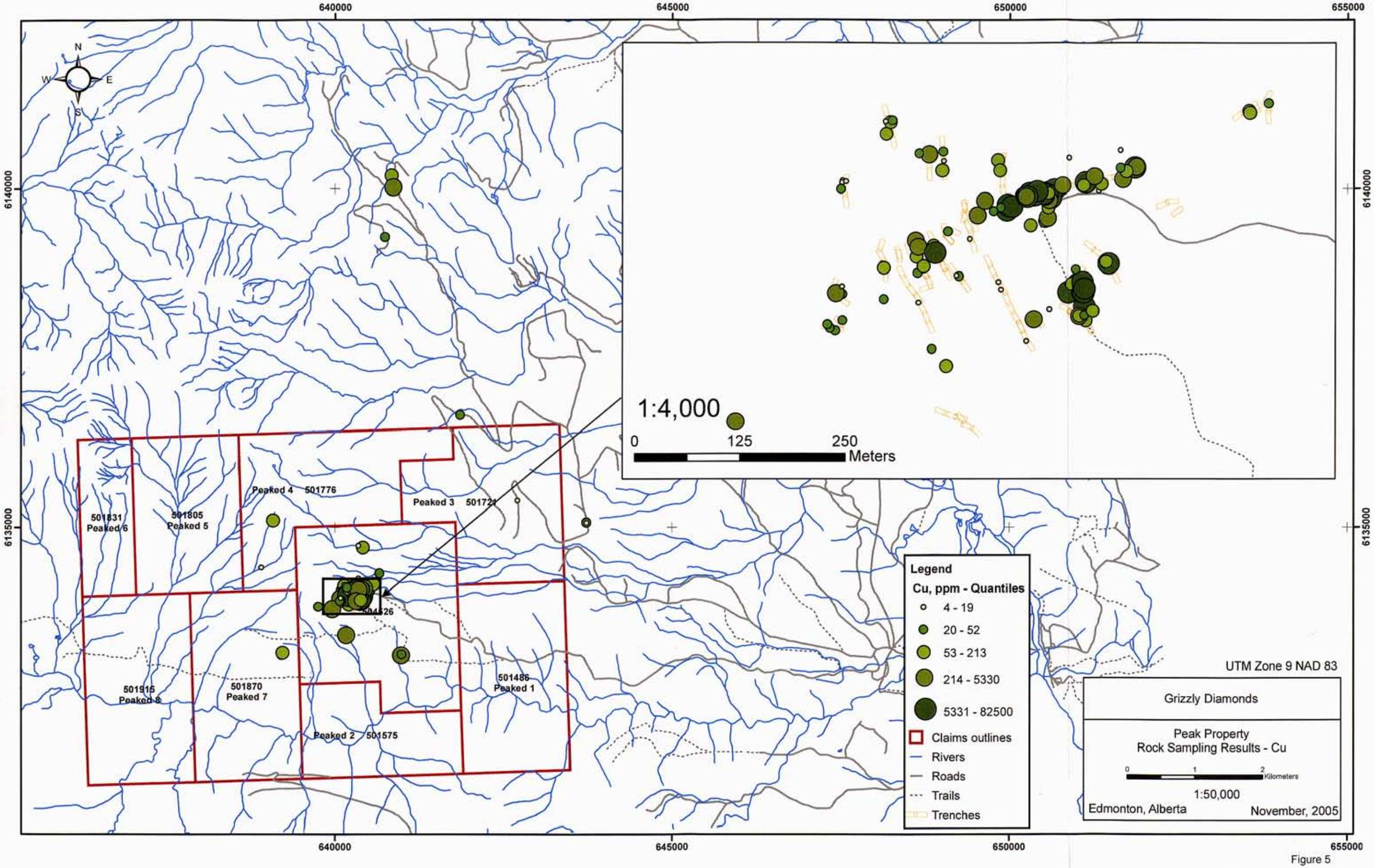
Silver values have a strong positive correlation with copper, antimony and zinc values, moderate correlation with lead and arsenic values. Gold shows moderate correlation with arsenic and copper values, and strong correlation with iron values. There is a strong correlation between lead and zinc (Table 2). Rock sample descriptions and results are provided in appendices 2 and 3 respectively.

Correlation coefficients "r" calculated for rock samples											
	Au	Ag	As	Pb	Cu	Fe	Mg	Mn	Sb	Zn	Bi
Au		0.10052	0.499	0.1	0.467	0.647	-0.136	0.098	0.101	0.053	0.65
Ag			0.408	0.556	0.632	0.169	-0.057	0.329	0.783	0.642	0.228
As				0.248	0.851	0.639	-0.176	0.463	0.54	0.437	0.5
Pb					0.352	0.087	-0.075	0.274	0.73	0.684	0.05
Cu						0.502	-0.167	0.485	0.6777	0.554	0.542
Fe							-0.079	0.314	0.272	0.171	0.581
Mg								-0.021	-0.071	-0.074	-0.146
Mn									0.495	0.332	0.169
Sb										0.657	0.237
Zn											0.166
Bi											

Table 2: Multi element correlation table for 2005 surface rock grab samples.

All rock geochemical analyses were conducted using a combination of fire assay in conjunction with AA or gravimetric finish and multi-element ICP techniques at ALS Chemex in Vancouver.

Results are still pending for the limited stream sampling program undertaken during the 2005 exploration.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Peaked 4 501776
Peaked 3 501721
501831
Peaked 6
501805
Peaked 5
501915
Peaked 8
501870
Peaked 7
Peaked 2 501575
501486
Peaked 1
Legend
Cu, ppm - Quantiles
4 - 19
20 - 52
53 - 213
214 - 5330
5331 - 82500
Claims outlines
Rivers
Roads
Trails
Trenches
UTM Zone 9 NAD 83
Grizzly Diamonds
Peak Property
Rock Sampling Results - Cu
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Kilometers
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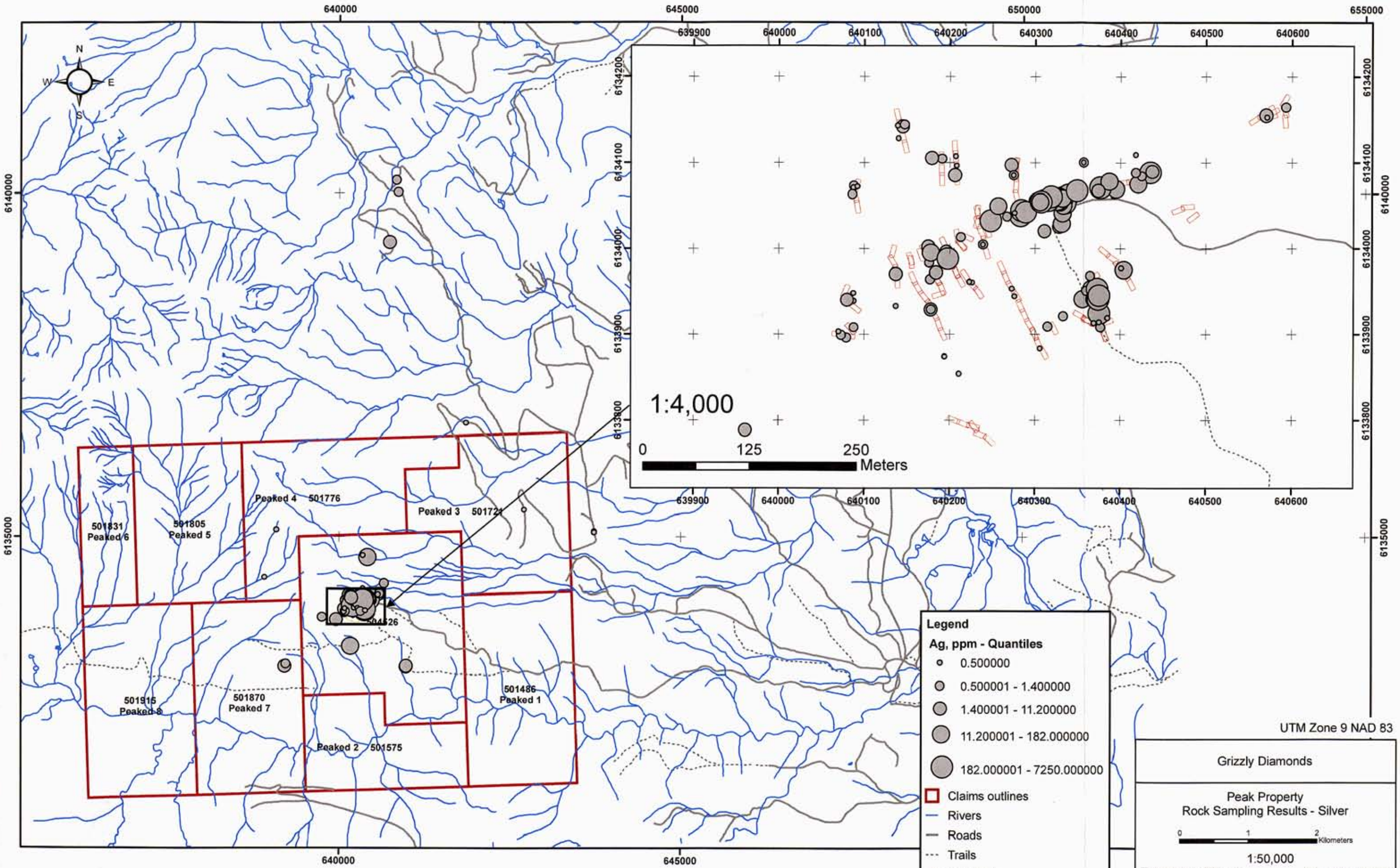
Edmonton, Alberta
November, 2005

Figure 5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Peaked 2 501575
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125
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Meters
639900
640000
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640300
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640500
640600
Legend
Ag, ppm - Quantiles
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0.500001 - 1.400000
1.400001 - 11.200000
11.200001 - 182.000000
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Claims outlines
Rivers
Roads
Trails
Trenches
UTM Zone 9 NAD 83
Grizzly Diamonds
Peak Property
Rock Sampling Results - Silver
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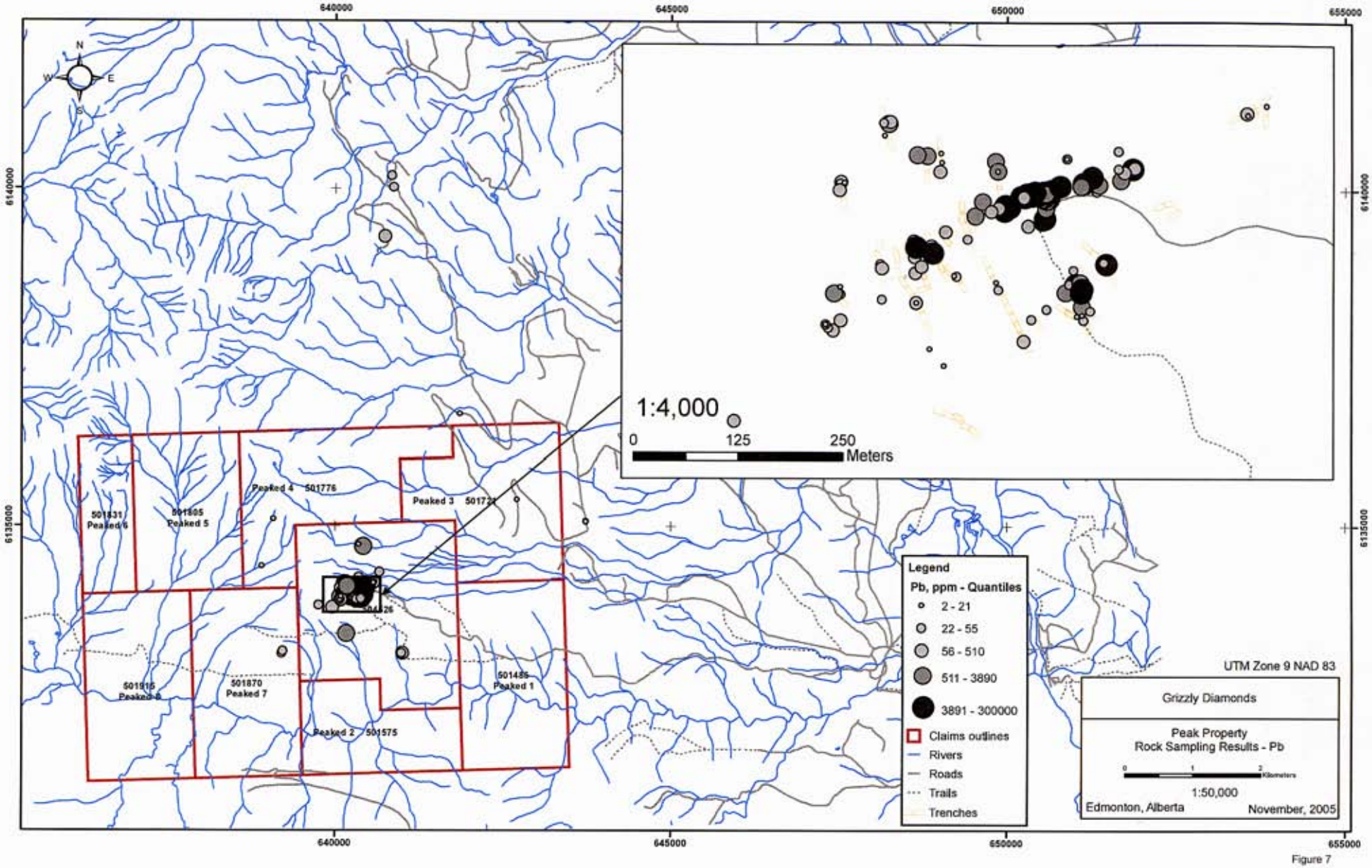
2
Kilometers
1:50,000
Edmonton, Alberta
November, 2005

Figure 6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Peaked 4 501776
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501805
Peaked 5
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Peaked 8
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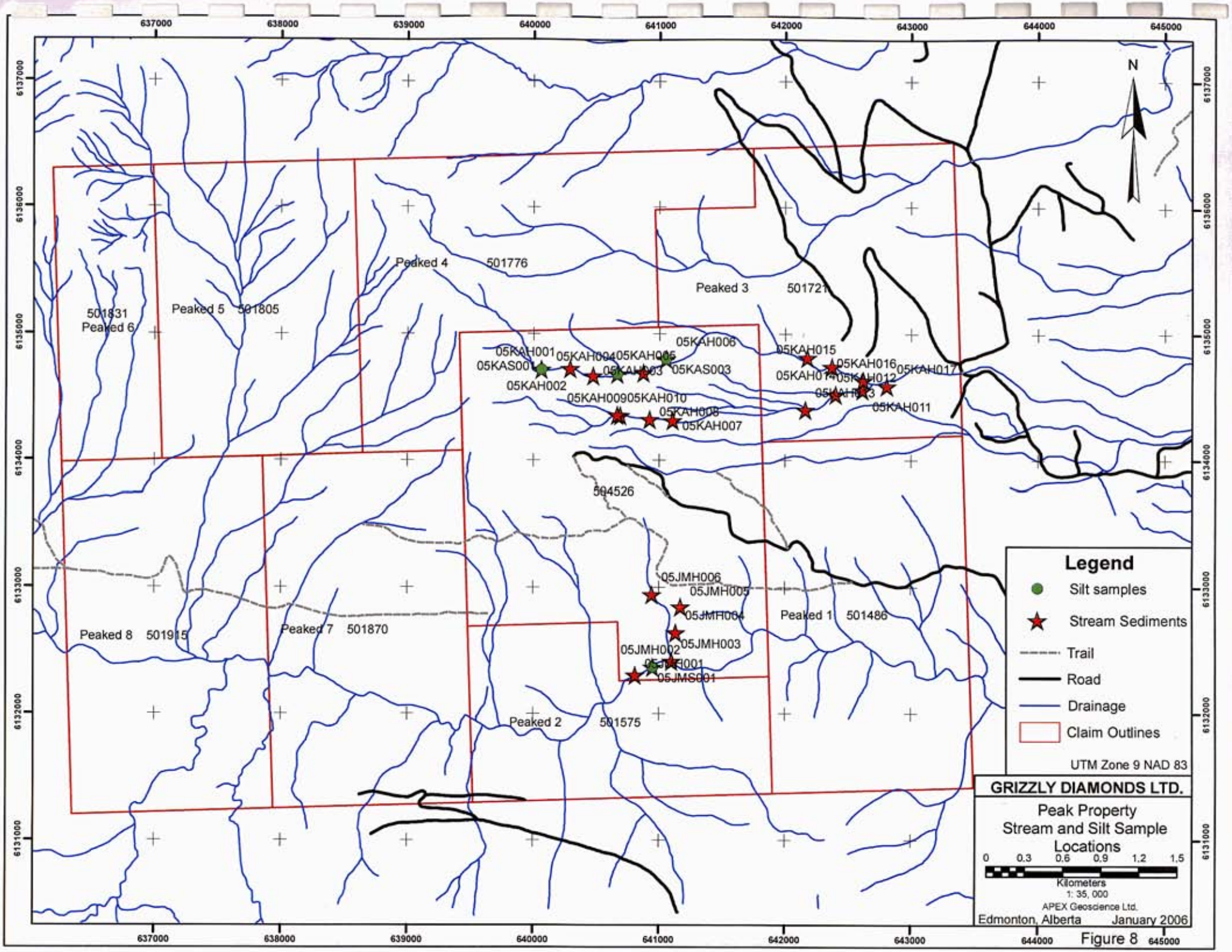
Peaked 7
501485
Peaked 1
Peaked 2 501575
Legend
Pb, ppm - Quantiles
2 - 21
22 - 55
56 - 510
511 - 3890
3891 - 300000
Claims outlines
Rivers
Roads
Trails
Trenches
UTM Zone 9 NAD 83
Grizzly Diamonds
Peak Property
Rock Sampling Results - Pb
1:50,000
Edmonton, Alberta
November, 2005

Figure 7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Peaked 6
Peaked 5 501805
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Peaked 7 501870
05JMH003
05JMH002
05JMH001
05JMS001
Peaked 2 501575
Legend
Silt samples
Stream Sediments
Trail
Road
Drainage
Claim Outlines
UTM Zone 9 NAD 83
GRIZZLY DIAMONDS LTD.
Peak Property
Stream and Silt Sample Locations
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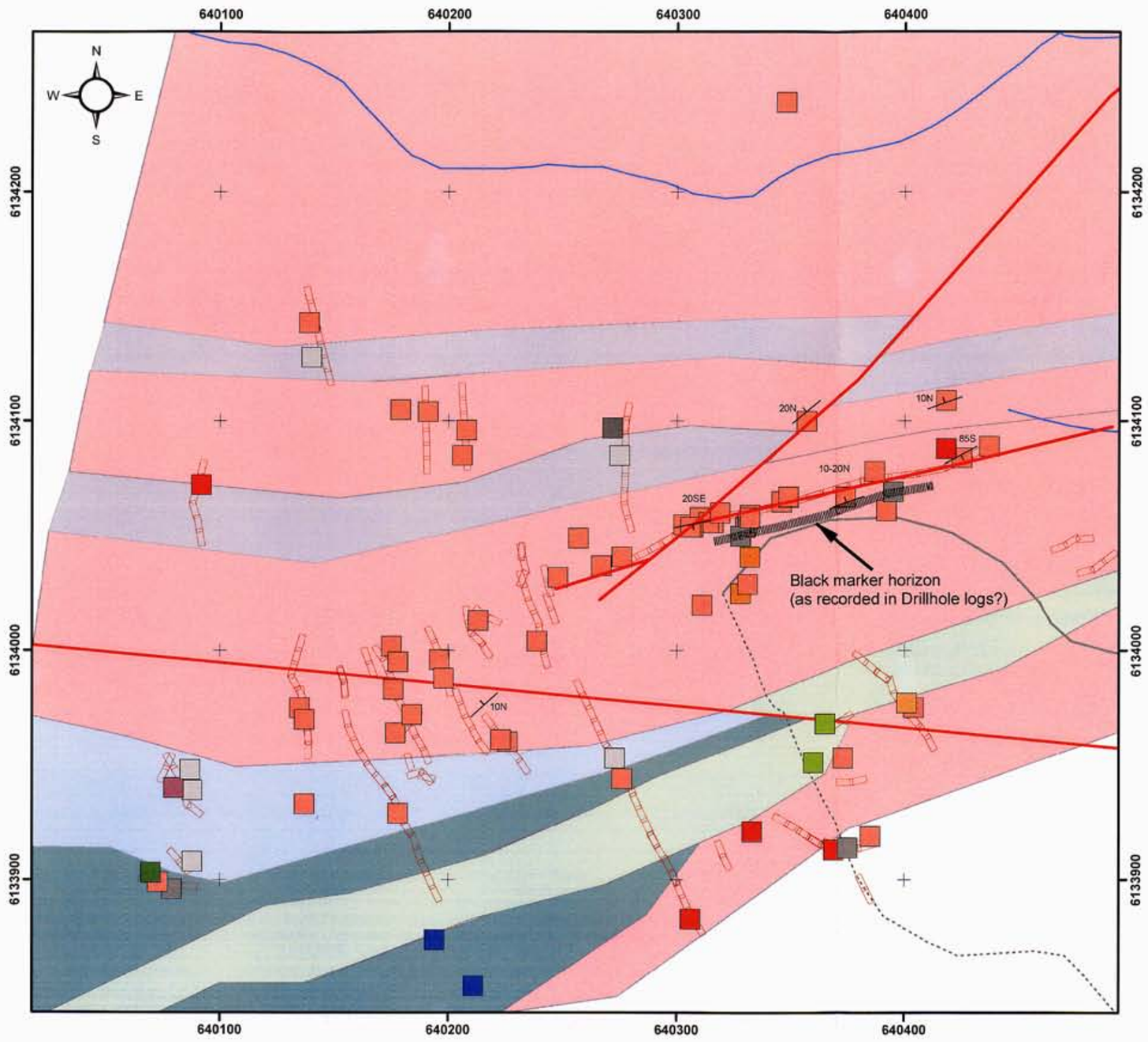
Kilometers
1: 35, 000
APEX Geoscience Ltd.
Edmonton, Alberta January 2006

Figure 8



Legend

Rock Type recorded on-site

- Felsic Volcanic
- Felsic Intrusive
- Rhyolite
- Volcanic Breccia
- Andesitic Tuff
- Andesite Intrusive
- Mafic volcanic
- Argillite
- Chert
- Marlstone
- Mudstone
- Conglomerate
- Sandstone

Geology

- Andesite Flow/Sill
- Andesitic Tuff
- Argillite
- Argillite/chert
- Felsic Volcanic
- Trenches
- Roads
- Trails
- Rivers

UTM Zone 9 NAD 83

Grizzly Diamonds

Peak Property
Ute and Rio Vein Geology

0 0.04 0.08 Kilometers

1:2,000

Edmonton, Alberta November, 2005

Figure 9

2005 Exploration Expenditures

The three week field exploration program conducted by APEX has resulted in a total expenditure of $95, 575.36 on the Peak Property (Appendix 7).

CONCLUSIONS AND RECOMMENDATIONS

High grade polymetallic showings hosted in felsic volcanics along with strong alteration envelopes in combination with spatially associated shallow water Bajocian age sediments are potentially indicative of a volcanogenic setting similar to Eskay Creek, or a high grade volcanic hosted precious metal epithermal system. Although the Ute and Rio sulphide mineralization is related to a conformable vein system within the volcanic package and is not considered exhalative, the discovery of a section of stratigraphy similar in age and volcanic setting as Eskay Creek with unexplained high grade precious metal and base metal mineralization indicates that potential not only exists for high grade epithermal precious metal mineralization but also Eskay Creek type high grade precious metals associated with volcanogenic massive sulphide deposits. Further work is required to determine the relationship between the high-grade polymetallic anomalies in felsic volcanics and spatially associated black argillite. The abundant nature and along strike extent of high grade samples collected during the 2005 field program indicate that there is a high potential for significant mineralization to exist within the Peak Property boundaries. Detailed mapping of the area indicates that at least the UTE vein system is fault controlled with larger blowouts of mineralization occurring proximal to structures crosscutting the main structure. Further mapping work is required to determine the extents of these structures and their spatial relationship to the precious and base metal mineralization within the Peak Property.

Exploration during 2006 should consist of a further compilation including digitizing and creating digital files of all prior drilling, trenching and soil sampling results. Petrographic work focusing on some of the high grade samples and some of the host rocks collected during 2005 to determine the relationship between the precious and base metal mineralization and to better define the host rock and alteration assemblage. Fieldwork during 2006 should consist of further detailed mapping along with a more extensive stream sediment sampling program to look for as of yet undiscovered vein systems in the area. A property scale helicopter based magnetic – electromagnetic survey should be conducted to identify alteration zones or weak sulphide zones, with a follow up ground geophysical program to further delineate interesting anomalies. A drill program to test the depth and along strike extents of the known polymetallic vein systems should be strongly considered to expand on the potential discovered from high grade surface sampling.

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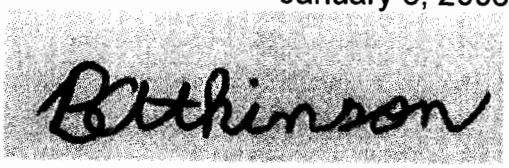
January 6, 2006



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January 6, 2006

REFERENCES

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CERTIFICATE of AUTHOR

I, Michael B. Dufresne, M.Sc., P.Geol., do hereby certify that:

1. I am President of: APEX Geoscience Ltd.
Suite 200, 9797 – 45th Avenue
Edmonton, Alberta T6E 5V8
Phone: 780-439-5380

2. I graduated with a B.Sc. Degree in Geology from the University of North Carolina at Wilmington in 1983 and with a M.Sc. Degree in Economic Geology from the University of Alberta in 1987.

3. I am and have been registered as a Professional Geologist with the Association of Professional Engineers, Geologists and Geophysicists of Alberta since 1989.

4. I have worked as a geologist for a total of 20 years since my graduation from university.

5. I have read the definition of "Qualified Person" set out in National Instrument 43-101 ("NI 43-101") and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements to be a "Qualified Person" for the purposes of NI 43-101.

6. I am responsible for, or directly supervised, the preparation of all sections of the Technical Report titled **"Assessment Report For Peak Property, Mineral Claims 501831, 501805, 501776, 504526, 501870, 501915, 501721, 501486, 501575"**, and dated January 6 , 2006. I visited the property between June 26 and June 29, 2005.

7. I am independent of the issuer applying all of the tests in section 1.5 of National Instrument 43-101.

10. I consent to the filing of the Technical Report with the government of British Columbia for assessment purposes.

Dated this 6th Day of January 6, 2006.
Edmonton, Alberta, Canada

Michael B. Dufresne, M.Sc., P.Geol.

CERTIFICATE OF AUTHOR

I, Bryan Atkinson, residing at 8709 – 79 Avenue, Edmonton, Alberta, Canada do hereby certify that:

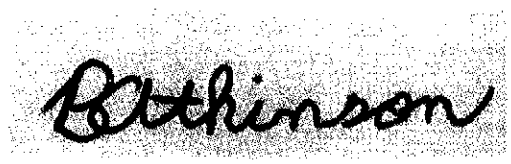
1. I am a Geologist of APEX Geoscience Ltd. ("APEX"), Ste.200, 9797 – 45 Avenue, Edmonton, Alberta, Canada.

2. I am a graduate of the University of Alberta, Edmonton, Alberta with a B.Sc. in Geology (2004) and have practised my profession continuously since 2004.

3. I am a Geologist In Training registered with APEGGA (Association of Professional Engineers, Geologists and Geophysicists).

4. I have not received, nor do I expect to receive, any interest, directly or indirectly, in the Peak Property nor do I hold securities of Grizzly Diamonds Ltd.

5. I am not aware of any material fact or material change with respect to the subject matter of the Report that is not reflected in the Report, or the omission to disclose which makes the Report misleading.



Bryan R. Atkinson, B.Sc., Geol.I.T.
Edmonton, Alberta, Canada
January 6, 2006

APPENDIX 1

2005 Field Personnel

Appendix 1: 2005 Field Personell

Name	Position	Address	Dates	Applicable Man-Days
Karen Anderson	Geological Assistant	#200, 9797-45Ave Edmonton, Alberta T6C-0R5	June 22, 2005 to July 7, 2005	16
Bryan Atkinson	Geologist	#200, 9797-45Ave Edmonton, Alberta T6C-0R5	June 22, 2005 to July 7, 2005	16
Heather Carey	Geological Assistant	#200, 9797-45Ave Edmonton, Alberta T6C-0R5	June 22, 2005 to July 7, 2005	16
Michael Dufresne	Principal Geologist	#200, 9797-45Ave Edmonton, Alberta T6C-0R5	June 26, 2005 to June 29, 2005	4
Justin MacDonald	Geological Assistant	#200, 9797-45Ave Edmonton, Alberta T6C-0R5	June 22, 2005 to July 7, 2005	16
Tanya Matveeva	Geologist	#200, 9797-45Ave Edmonton, Alberta T6C-0R5	June 26, 2005 to July 7, 2005	12
Sean Miliken	Geologist	#200, 9797-45Ave Edmonton, Alberta T6C-0R5	June 22, 2005 to July 7, 2005	16
		Total Man-Days		**96**

APPENDIX 2

Rock Sample Descriptions and Locations

Appendix 2. Rock Sample Descriptions and Locations

Sample_Nur	Easting	Northing	Datum	Date Sampl	Lithology	Grain Size	Veining	Magnetis	Material	Alteration	Alteration Ir	Sulphide Content	Relief	Description
05BAP001	640404	6133975	NAD 83	6/24/2005	Felsic Volcanic	med.	weakly veined with 2-3mm qtz carbonate veins. Mineralization conc'd in vein selvages.	none	Boulder	silicification	intense		boulder on trench bottom	Bubbly malachite along edges of boulders. Abundant Py and Cpy along vein selvages.
05BAP002	640346	6134065	NAD 83	6/25/2005	Felsic Volcanic	Med.	Qtz carbonate veinlets throughout	none	Outcrop	hematization	moderate		trench bottom	disseminated to clotty Py throughout, light grey to green rock, hematized nodules throughout.
05BAP003	640346	6134065	NAD 83	6/25/2005	Felsic Volcanic	Med.	Qtz carbonate veinlets throughout	none	Outcrop	hematization	moderate		trench bottom	disseminated to clotty Py throughout, light grey to green rock, hematized nodules throughout. From N wall of trench at corner where trench floor meets wall.
05BAP004	640346	6134065	NAD 83	6/25/2005	Felsic Volcanic	Med.	Qtz carbonate veinlets throughout	none	Outcrop	hematization	moderate		trench bottom	disseminated to clotty Py throughout, light grey to green rock, hematized nodules throughout.
05BAP005	640661	6134315	NAD 83	6/28/2005	fossiliferous che	fine	minor thin qtz veins and veinlets.	none	boulder	none	na		boulder atop rubble pile	fine grained pale to purple pink chert, conchoidal fractures, gastropod shells replaces/weathered out
05BAP006	640658	6134315	NAD 83	6/28/2005	Marlstone	coarse	na	none	boulder	none	na		boulder atop rubble pile	same locality as RD-03. Abundant gastropod/ mollusc shells, shells weathered out in spots, others well preserved.
05BAP007	640570	6134155	NAD 83	6/28/2005	qtz carbonate v	med	complete qtz/carbonate	none	boulder	none	na		boulder atop rubble pile	Carbonate with siderite and geothite, fine grained sulphides weathered out (10%). Calcite spicules in void. Angular rock from west end of eastern most trench.
05BAP008	640332	6134059	NAD 83	6/29/2005	Felsic Volcanic	med	1cm wide Py+Cc vein. Vein pinches and swells, vein contacts are sharp, veen is massive.	none	boulder	hematized and bleached	intense	5% Py	boulder atop rubble pile	5% disseminated Py throughout, from rubble pile on S. side of UTE trench.
05BAP009	640392	6134061	NAD 83	6/29/2005	Felsic tuff	fg	na	none	Boulder	hematized	intense		boulder on side of trail	Vesicles filled with calcite, some of which has been altered to epidote.
05BAP010	640339	6134062	NAD 83	6/29/2005	Vein material	coarse	complete	none	boulder	limonitic	intense along edges		small boulder on S. side of UTE trench	massive Cc with minor Cpy, edge is strongly limonitized.
05BAP011	640330	6134054	NAD 83	6/29/2005	Felsic tuff	fg	massive chalcocite and Galena compose vein x-ing boulder	none	Boulder	hematitic	moderate		rubble on S. side of UTE trench	coarse disseminated Py + Gn + Cc vein in moderately hematized and bleached felsic tuff. Coarse azurite/malachite compose <1% of the rock.
05BAP012	640284	6134040	NAD 83	6/29/2005	Vein material	coarse	limonite + Geothite w/ minor malachite + azurite conc'd around massive galena	none	Boulder	limonite/geothite	strong		small boulder atop rubble pile	sulphide rich vein material
05BAP013	640284	6134044	NAD 83	6/29/2005	Vein material	coarse	qtz/ carbonate vein	none	Boulder	na	na	5% Sp, 3% Py, 1% Gn	boulder atop rubble pile	White to light grey qtz carbonate vein w/ massive coarse Sp. Blebs (5%), disseminated cg Py (3%) throughout. <1% mg Gn.
05BAP014	640286	6134043	NAD 83	6/29/2005	Vein material	mg	qtz/ carbonate vein	none	Boulder	none	na		boulder atop rubble pile	Qtz/ carbonate rock w/ Py conc'd along late veinlets. Mg Gn and Py clots.
05BAP015	640283	6134038	NAD 83	6/29/2005	Vein material	coarse	massive galena	none	Boulder	none	na		boulder atop rubble pile	massive galena. From rubble pile on south side of trench near west end
05BAP016	640284	6134044	NAD 83	6/29/2005	Vein material	mg	??	none	Boulder	limonitic/geothite	intense		boulder atop rubble pile	Orange brown intensely altered rock, pervasive leaching of sulphides
05BAP017	640303	6134055	NAD 83	6/29/2005	Felsic tuff	fg	None	none	Boulder	bleached/hematized	moderate		boulder atop rubble pile	bleached/ hematized felsic tuff with mg Py disseminated throughout. Steel blue tint to the unaltered portions of the rock
05BAP018	640248	6134032	NAD 83	6/29/2005	Lithic pyroclasti	mg	None	none	Boulder	none	na		boulder atop rubble pile	sand to pebble sized lithic fragments in a fine grained steel blue matrix. Fg-mg Py disseminated throughout.
05BAP019	640373	6133953	NAD 83	6/29/2005	laminated vein	mg	massive Po+Py with sugary qtz	weak	Outcrop	none	na		outcrop at bottom of Rio trench	Chip sample across bottom of Rio trench. Massive Po+Py with minor sugary qtz.

Appendix 2. Rock Sample Descriptions and Locations

Sample_Nu	Easting	Northing	Datum	Date Sampl	Lithology	Grain Size	Veining	Magnetis	Material	Alteration	Alteration In	Sulphide Content	Relief	Description
05BAP020	640373	6133953	NAD 83	6/29/2005	laminated vein	mg	massive to semi-massive Py+Po with minor sugary qtz	weak	Outcrop	none	na		outcrop at bottom of Rio trench	Py is cg whereas Po in fg-mg. Completely sulphidized
05BAP021	640373	6133953	NAD 83	6/29/2005	laminated vein	mg	massive to semi-massive Py+Po with minor sugary qtz	weak	Outcrop	none	na		outcrop at bottom of Rio trench	Py is cg whereas Po in fg-mg. Completely sulphidized
05BAP022	640373	6133953	NAD 83	6/29/2005	felsic tuff	mg	5% Gn veinlets w/in	none	boulder	bleached/sulphidized	intense		boulder pulled from hole dug in Rio trench	Massive to semi-massive chalcocite with malachite/azurite on surface, chalcocite makes up 60% of the rock. Rock is sugary textured altered tuff.
05BAP023	640370	6133946	NAD 83	6/29/2005	Vein material	mg	massive Cpy w/ interstitial late stibnite forming around Cpy	none	boulder	none	na		boulder atop rubble pile	Malachite/azurite on weathered surface, small (0.5-1cm) late qtz vein along with sulphide veinlets weathered out of the larger earlier vein.
05BAP024	640368	6133951	NAD 83	6/29/2005	laminated vein	mg	laminated vein w/ Cpy/Py layers seperated by sugary qtz layers	none	boulder	none	na		boulder w/in rubble pile	Abundant Malachite/Azurite on weathered surface. Layers are approx. 1cm thick.
05BAP025	640361	6133944	NAD 83	6/29/2005	Vein material	mg	Coarse Py in qtz Carbonate matrix.	none	boulder	none	na	80% Py	boulder atop rubble pile	Py is semimassive to disseminated as finer grained balls. 80% Py; 5% qtz; 15% carbonate
05BAP026	640375	6133924	NAD 83	6/29/2005	Vein material	mg	maybe part of laminated vein system	none	boulder	sulphidized	intense	10% Py, 20% Cpy, 10%Cc	boulder w/in rubble pile	highly sulphidized qtz rich rock. Abundant Malachite/Azurite on fresh face. 10% Cc; 20% Cpy; 60% Qtz; 10% Py
05BAP027	640356	6133941	NAD 83	6/29/2005	felsic tuff	mg	na	none	boulder	hematized	moderate		From group of boulders/rubble pile	fine trace disseminated Py throughout, Malachite/Azurite near weathered edge of fresh face.
05BAP028	640360	6133951	NAD 83	6/29/2005	andesitic tuff	fg-mg	na	none	boulder	na	na		boulder atop rubble pile	fg-mg light grey green angular boulder. Oxidized/weathered rind from 2-10cm thick around entire boulder. Trace Disseminated Py.
05BAP029	640311	6134020	NAD 83	6/30/2005	felsic tuff	fg	na	none	boulder	bleached	moderate	3% Py	boulder atop rubble pile	bleached to light green angular boulder. Approx 3% fine disseminated Py throughout. Orange where sulphides/Fe carbonates have weathered out
05BAP030	640328	6134025	NAD 83	6/30/2005	Vol. Breccia	fg-cg	veinlets of Py	none	boulder	clasts are hematized	intense w/in clasts		boulder	hematized gravel sized clasts in a fg matrix of Calcite+Py. Py in matrix is fg veinlets to clotty. Minor Gn and Cc.
05BAP031	640331	6134029	NAD 83	6/30/2005	Rhyolitic tuff	mg	na	none	boulder	manganese/ sulphidized	intense	5% Gal, 2% Cc	boulder w/in rubble pile	Rock is dark grey to black w/ malachite/azurite colouring, interior is orange in colour. 5% Gn; 2% Cc.
05BAP032	640332	6134041	NAD 83	6/30/2005	Vol. Breccia	mg	mg py veinlets	none	boulder	sulphidized	intense	40% Py	boulder along edge of rubble pile	40% Py conc'd as mg veins and as coarse cubes throughout matrix.
05BAP033	640837	6140188	NAD 83	7/3/2005	andesitic tuff	fg	na	moderate	boulder	silicified	moderate	10% Po	boulder along road cut	10% clotty Po disseminated throughout.
05BAP034	640862	6140017	NAD 83	7/3/2005	andesitic intrusi	mg	qtz veins up to 10cm cross the O/C	none	Outcrop	none	na		O/C along road	Large O/C along curve in the road composed of rusted andesitic intrusion. Plag lathe up to 0.5cm randomly oriented, qtz blebs also spot the rock
05BAP035	640741	6139283	NAD 83	7/3/2005	rhyolitic tuff	fg	septa and streamers of py	none	boulder	silicified and hematized	moderate		boulder in drift	silicified and weakly hematized, Py is fg and conc'd in veinlets. Nearby O/C is similar to 05BAP035
05BAP036	643726	6135071	NAD 83	7/3/2005	rhyolitic tuff	mg	na	none	Outcrop	limonite/geothite	moderate		O/C	bleached siliceous tuff in O/C along 444 Road
05BAP037	643726	6135074	NAD 83	7/3/2005	Rhyolite	mg	na	none	Outcrop	hematite	moderate		O/C	hematized rhyolite w/ siderite nodules weathered orange
05BAP038	643730	6135067	NAD 83	7/3/2005	Rhyolite	mg	Py in septa throughout	none	Outcrop	manganese	moderate		O/C	Manganese stained bleached rhyolite, trace Py disseminated and in septa throughout the rock.
05BAP039	639753	6133822	NAD 83	7/4/2005	Rhyolitic tuff	mg	na	none	Outcrop	hematized	moderate	5% Py	O/C along trench wall	Manganese stained hematized tuff w/ 5% disseminated Py clots throughout. Siderite weathered spots on interior "fresh" face.
05BAP040	639203	6133111	NAD 83	7/4/2005	Andesitic tuff	mg	na	none	Outcrop	Chloritized	strong	1% Sp	O/C atop ridge	1% coarse Sp. (Hem?). 2% qtz blebs.
05BAP041	639225	6133144	NAD 83	7/4/2005	Andesitic tuff	mg	na	none	Outcrop	Chloritized	intense	1% Sp	O/C atop ridge	1% mg Sp. (Hem?). Randomly oriented feldspar lathe remain unaltered.
05SMP001	640370	6133941	NAD 83	6/24/2005	Vein material		sulfide bearing vein	none	Vein				trench bottom	sulfide bearing vein from bottom of trench

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Sample_Nu	Easting	Northing	Datum	Date Sampl	Lithology	Grain Size	Veining	Magnetis	Material	Alteration	Alteration In	Sulphide Content	Relief	Description
05SMP002	640377	6133908	NAD 83	6/24/2005			sulfide veining in silicified bedrock	none	Vein				trench bottom	fine sulfide veining in silicified bedrock from trench bottom
05SMP003	640435	6134088	NAD 83	6/24/2005			Blue Cu-oxide and galena in vein	none	Boulder	Blue Cu-oxide			Main trench	from large boulder at east end end of main trench. Blue Cu-oxide and galena in vein and disseminated throughout
05SMP004	640421	6134075	NAD 83	6/25/2005		fine	veinlets	none	Rubble				Trench rubble	from rubble along south side of trench ~50m from east end. Fine dark bluish rock with sulfides disseminatede throughout as well as in blebs and veinlets
05SMP005	640395	6134069	NAD 83	6/25/2005	Chert	fine	None	none	Boulder				S side of Trench	from boulder beside trench on south side ~100m from east end. Fine grained cherty rock with fine disseminated sulfides throughout
05SMP006	640377	6134071	NAD 83	6/25/2005			None	none	Clasts	Cu crusting outside of clasts			S side of Trench	small clasts from rubble pile on south side of trench. Blue green Cu crusting outside of clasts as well blebs of galena seen
05SMP007	640329	6134060	NAD 83	6/25/2005			veiny galena	none	Rubble				S side of Trench	boulder from rubble pile on south side of trench. Disseminated cubic pyrite and blebby and veiny galena in light colored cherty material
05SMP008	640335	6134053	NAD 83	6/25/2005		fine	None	none	Rubble				S side of Trench	from rubble pile on south side of trench. Dark purple fine grained with disseminated and blebby sulfides throughout
05SMP009	640331	6134056	NAD 83	6/25/2005	fine purple cher	fine	white veining and sulfide veining.	none	Rubble				S side of Trench	fine purple chert with white veining and sulfide veining. From rubble pile on south side of trench
05SMP010	640331	6134056	NAD 83	6/25/2005		fine	sulfides as veins	none	Boulder					fine grained dark purple boulder with sulfides disseminated and as veins
05SMP011	640333	6134050	NAD 83	6/25/2005			None	none						light cherty material with minor disseminated sulfides
05SMP012	640329	6134054	NAD 83	6/25/2005			None	none	Rubble				S side of Trench	from rubble pile on south side of trench. Dark blue with disseminated and blebby sulfides
05SMP013	640328	6134050	NAD 83	6/25/2005	med-dark grey chert		minor quartz veining	none	Rubble				S side of Trench	medium to dark grey chert with minor quartz veining. No visible sulfides. From rubble pile on south side of trench
05SMP014	640326	6134057	NAD 83	6/25/2005			massive sulfide vein ~1cm wide consisting of mostly galena	none						massive sulfide vein ~1cm wide consisting of mostly galena. Disseminated sulfides in surrounding cherty rock
05SMP015	640289	6134042	NAD 83	6/25/2005			None	none	Rubble				S side of Trench	massive galena. From rubble pile on south side of trench near west end
05SMP016	640332	6134058	NAD 83	6/25/2005	Felsic volcanic (rhyolite?)		None	none	Rubble				S side of Trench	from rubble pile on south side of trench. Felsic volcanic (rhyolite?) no visible sulfieds
05SMP017	640418	6134696	NAD 83	6/26/2005	light grey tuff felsic volcani		None	none	Outcrop				Creek side	outcrop along creek. Alternating purple sandstone and light grey tuffistic felsic volcanics. Volcanics sampled. Highly fractured
05SMP018	640272	6134097	NAD 83	6/27/2005	dark mudstone	fine	None	none	Rubble				Trench 1 rubble pile	fine grained, dark mudstone(?) with quartz blebs. No visible sulfides. From rubble pile beside trench (T1)
05SMP019	640145	6134142	NAD 83	6/27/2005		fine	None	none	Rubble	Fe Oxide			Trench 2 rubble pile	dark fine grained with lots of rusty Fe oxide and disseminated sulfides. From rubble pile beside trench
05SMP020	640147	6134144	NAD 83	6/27/2005			None	none	Rubble				Trench 2 rubble pile	grey felsic intrusive (?) some carbonate. From rubble pile beside trench (T2)
05SMP021	640088	6134073	NAD 83	6/27/2005			None	none	Boulder				Trench PR05 rubble pile	small boulder of felsic volcanic tuff with disseminated sulfides throughout. From rubble pile beside trench (PR05)
05SMP022	640087	6134071	NAD 83	6/27/2005			None	none						light grey felsic intrusive. Rusty, possibly carbonates, and black biotites to 5mm in a fine grained silica matrix
05SMP023	640086	6134063	NAD 83	6/27/2005			None	none						dark grey chert with some sulfide blebs
05SMP024	640135	6133975	NAD 83	6/28/2005	felsic volcanic		None	none	Rubble			5% Py	Rubble pile beside trench 4	felsic intrusive ~95% quartz, 5% disseminated pyrite. From rubble pile beside trench (T4) which is submerged
05SMP025	640176	6133983	NAD 83	6/28/2005	felsic volcanic	fine	None	none		Mn staining				black Mn stained fine grained felsic volcanic, somewhat altered with a small amount of blebby sulfides

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Sample_Nu	Easting	Northing	Datum	Date Sampl	Lithology	Grain Size	Veining	Magnetis	Material	Alteration	Alteration In	Sulphide Content	Relief	Description
05SMP026	640178	6133929	NAD 83	6/28/2005			None	none	Rubble				Rubble pile beside trench	medium grained felsic intrusive with ~92%, ~6% feldspar, ~2% disseminated sulfides. From rubble beside trench
05SMP027	640213	6134013	NAD 83	6/28/2005	felsic volcanic	med	None	none	Rubble				Rubble pile beside trench	from rubble beside trench. Felsic intrusive 90% quartz with minor feldspar and possibly carbonate and ~3% blebby and disseminated sulfides
05SMP028	640239	6134004	NAD 83	6/28/2005	S.stone	med	None	none	Rubble	Fe Oxide	Moderate		Rubble pile beside trench 20	from rubble pile beside trench (T20). Cross bedded medium grained sandstone, dark grey to brown with some rusty alteration
05SMP029	640079	6133896	NAD 83	6/29/2005	Chert	fine	None	none	Rubble			5-10 % Py or Cpy	rubble pile beside trench (PR07)	very fine grained, cherty silica matrix with 5-10% blebby and disseminated sulfides (pyrite, chalcopyrite?). From rubble pile beside trench (PR07)
05SMP029D	640079	6133896	NAD 83	6/29/2005	Chert	fine	None	none	Rubble				rubble pile beside trench (PR07)	duplicate. As above. Representative sample
05SMP030	640073	6133899	NAD 83	6/29/2005	Light grey felsic	fine	None	none	Rubble	Fe Oxide	moderate		rubble pile beside trench (PR07)	light grey felsic tuff. Fine grained silica matrix with 1-2mm feldspar (~10% and hornblende? (~7%). Some rusty alteration but no visible sulfides. From rubble pile beside trench (PR07)
05SMP031	640088	6133939	NAD 83	6/29/2005	Purple argylite	fine	White carbonate viening throughout	none	Rubble				rubble pile beside trench (T22)	fine grained purple argylite. Silica rich with some medium grained areas of rounded clasts. White carbonate viening throughout. No visible sulfides. From rubble pile beside trench (T22)
05SMP031D	640088	6133939	NAD 83	6/29/2005	Purple argylite	fine	White carbonate viening throughout	none	Rubble				rubble pile beside trench (T22)	duplicate. As above. Representative sample
05SMP032	640080	6133940	NAD 83	6/29/2005	Felsic conglomerate		None	none	Rubble				rubble pile beside trench (T22)	from rubble pile beside trench (T22). Felsic conglomerate. Fine silica matrix with 2-10mm rounded mostly siliceous clasts. Some blebby pyrite seen
05SMP032D	640080	6133940	NAD 83	6/29/2005	Felsic conglomerate		None	none	Rubble				rubble pile beside trench (T22)	duplicate. As above. Representative sample
05SMP033	640194	6133874	NAD 83	6/29/2005	Drk mafic volca	fine	None	none	Rubble				rubble pile beside small pit (T23)	dark green to black fine grained mafic rich volcanic(?). No visible sulfides. From rubble pile beside small pit
05SMP034	640211	6133854	NAD 83	6/29/2005	Drk mafic volca	fine	None	none	Rubble				rubble pile beside small pit (T23)	same as previous (05SMP033) but contains blebby sulfides (pyrite, chalcopyrite?)
05SMP035	640306	6133883	NAD 83	6/29/2005	Felsic intrusive	fine-med	None	none	Rubble	Fe Oxide around fresh core	moderate		rubble pile beside trench (T27)	from rubble pile beside trench (T27). Felsic intrusive. Fine to medium grained quartz (~75%) and plagioclase (~20%) with fine grained disseminated sulfides (~5%). 2-3cm rusty alteration around a fresh core.
05SMP035D	640306	6133883	NAD 83	6/29/2005	Felsic intrusive	fine-med	None	none	Rubble	Fe Oxide around fresh core	moderate		rubble pile beside trench (T27)	duplicate. As above. Representative sample
05SMP036	640333	6133921	NAD 83	6/29/2005	Felsic intrusive	fine-med	None	none	Rubble		Highly		rubble pile beside trench (T27)	very similar to previous sample (05SMP035). ~75% quartz, 20% plagioclase, 5% blebby and disseminated sulfides. There appears to be a possible contact that is flat with the lower 1-2cm easily calving off. This thin unit appears finer grained but is very al
05SMP036D	640333	6133921	NAD 83	6/29/2005	Felsic intrusive	fine-med	None	none	Rubble		Highly		rubble pile beside trench (T27)	duplicate. As above. Representative sample
05SMP037	640369	6133913	NAD 83	6/29/2005			None	none		Fe Oxide on Qtz	moderate			altered and rust stained quartz rich with blebby sulfides (pyrite, chalcopyrite?)and a calcite nodule with 2-3mm hexagonal crystals of a pink/purple sulfide
05SMP037D	640369	6133913	NAD 83	6/29/2005			None	none		Fe Oxide on Qtz	moderate			duplicate. As above. Representative sample
05SMP038	640369	6133913	NAD 83	6/29/2005	Felsic intrusive		None	none						felsic intrusive(??) quartz rich with blebby pyrite

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Sample_Nu	Easting	Northing	Datum	Date Sampl	Lithology	Grain Size	Veining	Magnetis	Material	Alteration	Alteration In	Sulphide Content	Relief	Description
05SMP039	640191	6134104	NAD 83	6/30/2005	Volcanic Tuff	fine	None	none		Mn and Fe Oxide				black Mn stained with some rusty FE staining on some faces. Appears to be mostly quartz and fine grained (volcanic tuff?). Small amount (1-2%) blebby and disseminated sulfides (pyrite)
05SMP040	640207	6134107	NAD 83	6/30/2005	Intrusive	med	None	none	Rubble				rubble pile beside trench	medium grained intrusive. 60% quartz, 25% plagioclase, 15% opaques (hornblende?) and reddish muddy altered stuff. From rubble pile beside trench
05SMP041	640208	6134096	NAD 83	6/30/2005	Purple volcanic	med	None	none	Rubble				rubble pile beside trench	purple, medium grained volcanic tuff. Quartz rich, some plagioclase (~10%). Altered and weathered. No visible sulfides. From rubble pile beside trench
05SMP042	640980	6133101	NAD 83	7/1/2005	Grey felsic tuff	fine	None	none	Outcrop		medium		Top of outcrop	light grey, fine grained felsic volcanic tuff. Cherty looking, fairly alterede. Disseminated sulfides around fresh core. From top of out crop 10m X 5m high
05SMP043	640987	6133104	NAD 83	7/1/2005	Felsic ash Tuff		None	none	Rubble	Hematite Staining	Highly		rubble pile beside trench	felsic ash tuff (?). Lots of pink hematite staining. Small amount of plagioclase (~5%) blebs of massive hematite and pyrite (~15-20%). From rubble pile beside trench
05SMP043D	640987	6133104	NAD 83	7/1/2005	Felsic ash Tuff		None	none	Rubble	Hematite Staining	Highly		rubble pile beside trench	duplicate. As above. Representative sample
05SMP044	641004	6133115	NAD 83	7/1/2005	dark grey argylite		moderate calcite veining	none	Rubble				rubble pile beside trench	dark grey argylite with moderate calcite veining with disseminated pyrite, chalcopyrite (?). Black, bladed crystals with a greasy lustre (pyroxenes?) seen throughout. From rubble pile beside trench.
05SMP045	641000	6133111	NAD 83	7/1/2005	Drk grey felsic v	med	none	none	Rubble				rubble pile beside trench	medium grained felsic volcanic dark grey ~70% quartz, ~20% feldspar, ~3% blebby sulfides. From rubble pile beside pit
05SMP046	640999	6133111	NAD 83	7/1/2005	Felsic volcanic	fine	none	none	Rubble	carbonate & epidote replacement			rubble pile beside trench	fine grained felsic volcanic. Silica rich. Altered (carbonate and epidote (?) replacement). From rubble pile beside pit.
05SMP047	642706	6135388	NAD 83	7/3/2005			none	none						
05SMP048	643726	6135061	NAD 83	7/3/2005			none	none						
05SMP049	641855	6136653	NAD 83	7/5/2005			none	none						
05JMP001	640310	6134058	NAD 83	6/27/2005	Felsic Vol.	fine	Small Py Veinlets 2-5 mm long	none	Outcrop	Hematized & Fe Oxide	Medium		SW side of UTE trench	fine grained, hematized felsic volcanic. Small traces of Pyrite. Outside oxidized and moving inward
05JMP002	640310	6134058	NAD 83	6/27/2005	Felsic Vol.	fine	None	none	Outcrop	Fe Oxide			SW side of UTE trench	fine grained volcanic tuff, xstaline and grey in color, highly oxidized & minor Chalcopyrite and disseminated Pyrite
05JMP003	640310	6134058	NAD 83	6/27/2005	Felsic Vol.	fine	None	none	Outcrop	Mn & Fe Oxide			SW side of UTE trench	fine grained felsic volcanic with minor maganese staining, grey in color. Some oxides on surface
05JMP004	640310	6134058	NAD 83	6/27/2005	Tuff	med	2 small veinlets 1-2 mm on top and bottom containing Py, Gal, and Chalco	none	Outcrop	Hematized & Fe Oxide			SW side of UTE trench	pyroclastic with small clasts. Highly oxidized outside. Veinlets contain Py, Gal, Cc. Malachite is also present
05JMP005	640310	6134058	NAD 83	6/27/2005	Felsic Vol.	fine	1-5 mm veinlets of Chalco and minor disseminated Py	none	Outcrop	Hematized & Mn Oxide			SW side of UTE trench	pink felsic volcanic with minor veinlets containing black Cc and minor disseminated Py. Sample is mainly maganese stained
05JMP006	640310	6134058	NAD 83	6/27/2005	Felsic Vol.	fine	None	none	Outcrop	Hematized, Mn & Fe Oxide			SW side of UTE trench	hematized pink felsic volcanic. Minor dissemenated Py, Gal, Cc. Most of surface is Maganese stained
05JMP007	640316	6134056	NAD 83	6/27/2005	Felsic Vol.	fine	large 2 cm vein of massif Gal, and Disseminated Py. Connected to host rock via small veinlets of Gal.	none	Boulder	Bleached			S side UTE trench	bleached felsic volcanic. Veins of massive Gal and dissemenated Py. Py is in country rock. 40-50% of sampl is sulfides

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Sample_Nu	Easting	Northing	Datum	Date Sampl	Lithology	Grain Size	Veining	Magnetis	Material	Alteration	Alteration Ir	Sulphide Content	Relief	Description
05JMP008	640314	6134056	NAD 83	6/27/2005	Felsic Vol.	fine	1 cm vein cross-cutting host rock with branching veinlets. Vein is coarse gr. And contains Py, Chalco, and Sphal.	none	Boulder	Hematized	Medium		UTE trench	hematized felsic volcanic with dissemenated Py in country rock. Veins contain rust Py, Cc, Sp.
05JMP009	640319	6134060	NAD 83	6/27/2005	Felsic Vol.	fine	Vein material consisting of Chalco and Py (some massif, some disseminated)	none	Boulder	Hematized		15% Py, 50% Cc	SW side of UTE trench	hematite altered felsic volcanic with veining (80%) containing Cc, Py, with some dissemenated Py,Cc.
05JMP010	640137	6133970	NAD 83	6/28/2005	Tuff	coarse	None	none	Boulder	None		~4-5% Py	Trench # 4	green tuff? ~15% k-spar, ~30% plag., 5-10% Hbl. ~4-5% Py up to .5cm.
05JMP011	640170	6133399	NAD 83	6/28/2005	Tuff	fine	None	none	Boulder	Fe Oxide			Trench # 6	xstaline tuff, buff volcanicwith ~90% Qtz minor Plag. And Py.
05JMP012	640175	6134002	NAD 83	6/28/2005	Tuff	fine	None	none	Outcrop	Mn & Fe Oxide			SWW side of trench # 8	oxidized grey crystalline tuff. Dendrites of Mn present for outside 1cm of rock. Fairly silicous and altered
05JMP013	640196	6133996	NAD 83	6/28/2005	Tuff	fine	None	none	Outcrop	Mn & Fe Oxide			outcrop in trench # 9 NNW	grey tuff. Highly oxidized and Mg stained
05JMP014	640226	6133960	NAD 83	6/28/2005	Tuff	fine	0.75m cm vein of massif Py connected to host rock via small veinlets of Py	none	Outcrop	Fe Oxide			bulldozed trench	grey crystalline tuff with dissemenated Py. Small Py veinlets running of a large .75cm thick massive Py vein
05JMP015	640177	6133964	NAD 83	6/28/2005	Tuff	medium	None	none	Outcrop	Mn & Fe Oxide	high		trench # 15	pyroclastic tuff with green chlorite clasts and brown muscovite flakes
05JMP016	640137	6133933	NAD 83	6/28/2005	Felsic Vol.	fine	None	weak	Outcrop	Fe Oxide			outcrop	drk grey, green felsic intrusive. Some Qtz faces and dissemenated Py, Po. Nodules of coarse xtls in fine grndmass
05JMP017	640178	6133929	NAD 83	6/28/2005	Tuff	fine	None	none	Boulder	Mn Oxide			Trench # 17	light grey xtaline tuff with dark specks Mn? And dissemenated sulfides. Concoidal fracturing
05JMP018	640239	6134004	NAD 83	6/28/2005	Tuff	fine	None	none	Outcrop	Hematized, Mn & Fe Oxide			E side of trench # 20	purple tuff with Mg dendrite altered areas. Oxidation on outside but no sulfides present
05JMP019	640307	6134054	NAD 83	6/29/2005	Vol. Breccia	coarse	2-3 cm vein of massif Gal and Py. Very crystalline and showing Mal. Indicating a copper mineral in the vein	none	Outcrop	None		80% Gal	Trench	volcanic breccia with small to med angular clasts. Vein containing massive Gal 80% and dissemenated Py. Vein showing malachite and exposed surface indicating copper.
05JMP020	640257	6134049	NAD 83	6/29/2005	Tuff	coarse	None	none	Boulder	Mn & Fe Oxide			Trench rubble pile	pyroclastic tuff with clast ~1cm. Massive Py and dissemenated ~5%. Vfgr xstaline grndmass slighly oxidized and Mg stained
05JMP021	640373	6133953	NAD 83	6/29/2005	Mas. Sul.	coarse	Sugar Quartz vein (whole sample) containing massif sulfides (Py and some Po)	weak	Outcrop	Fe Oxide		~90% Py/Po	Rio Trench	masssive Py/Po ~90%. Sugary Qtz and oxidized surfaces. High Specific gravity and magnetic
05JMP022	640373	6133953	NAD 83	6/29/2005	Mas. Sul.	coarse	Sugar Quartz vein (whole sample) containing massif sulfides (Py)	weak	Outcrop	Fe Oxide		~90% Py/Po	Rio Trench	masssive Py/Po ~90%. Sugary Qtz and oxidized surfaces. High Specific gravity and magnetic

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05JMP023	640373	6133953	NAD 83	6/29/2005	Lam. Vein	coarse	Sugar Quartz vein (whole sample) containing massif sulfides (Py)	none	Outcrop	Hematized		30-40% Py	Rio Trench	hematized tuff with malachite on outside
05JMP024	640374	6133941	NAD 83	6/29/2005	Lam. Vein	coarse	Sugar Quartz vein (whole sample) containing massif sulfides (Py and some Po) Also Secondary Stibnite, Sphal and Cpy	none	Boulder	Fe Oxide			Rio Trench rubble	Qtz rich fgr matrix. massive Py/Po and secondary Stibnite around Py. Sp, and Cpy present in small amounts
05JMP025	640374	6133941	NAD 83	6/29/2005	Mas. Sul.	coarse	Sugar Quartz vein (whole sample) containing massif sulfides (Py and small amount of Sphal)	none	Boulder	None		~80% Py	Rio Trench	Massive Py cubes and minor Sp. Py cubes are .75cm
05JMP026	640374	6133941	NAD 83	6/29/2005	Lam. Vein	coarse	Sugar Quartz vein (whole sample) containing massif sulfides (Py) and secondary Sphal and Cpy	none	Boulder	Fe Oxide			Rio Trench talus	Masssive Py and Sp. Cpy also present. 1/3 sulfides some alteration to oxides around Py cubes
05JMP027	640375	6133945	NAD 83	6/29/2005	Lam. Vein	medium	Sugar Quartz vein (whole sample) containing massif sulfides (Py) and some Cpy, Mal, and Az.	none	Boulder	Mn & Fe Oxide			Rio Trench talus	fgr qtz mostly replaced by sulfides. Layered Py, qtz with Mn staining. Minor Cpy, malachite and azurite
05JMP028	640184	6133972	NAD 83	6/30/2005	Tuff	coarse	None	none	Outcrop	Chloritized		5% Py	Trench	light green coarse grained volcanic. Sample has been replaced by chlorite. Pressence of small amount of mica
05JMP029	640305	6134725	NAD 83	7/3/2005	Conglomerate	coarse	None	none	Outcrop	Fe Oxide			Outcrop	cgr pebbly conglomerate, highly oxidized and crumbly. Some azurite and Cpy present
05JMP030	639961	6133788	NAD 83	7/4/2005	Tuff	fine	Dendrites of Maganese	none	Boulder	Mn & Fe Oxide			Trench rubble pile	fgr grey xtline tuff. Massive Py. Sample is oxidized and has Mn staining
05JMP031	639209	6133108	NAD 83		Tuff	coarse			Outcrop				hillside	cgr tuff with Sp and Qtz. Lots of secondary epidote
05JMP032	639225	6133143	NAD 83		Tuff	coarse			Outcrop				outcrop	cgr tuff with lrg Sp and Qtz xtls. Epidote replaced
05JMP033	640593	6134164	NAD 83		Tuff	fine	calcite veins		Boulder	Hematized			trench rubble	fgr hematized tuff with clacite veinlets. Some oxides. Epidote replacement\
05JMP034	640571	6134153	NAD 83		Tuff	fine	veinlets of oxidized material throughout sample		Outcrop	Hematized			outcrop in trench	hematized xtline tuff with oxidized veinlets. Fgr matrix with chlorite replacing primary xtal
05HCP001	640348	6134239	NAD83	6/26/2005	felsic tuff	f	none	none	boulder	siliceous, zoned weathering			hillside	no mineralization (min.), boulder 1x.5m
05HCP002	640349	6134726	NAD83	6/26/2005	cherty breccia	m	none	none	o/c	siliceous			streamcut	volcanoclastic breccia??, green chert clasts in siliceous matrix, o/c 20x30m found along streambed
05HCP003	639086	6135101	NAD83	6/26/2005	ash tuff	f	none	none	o/c				edge of meadow	massive, no mineralization, red-purple cherty rock, o/c 2x3m
05HCP004	638912	6134403	NAD83	6/26/2005	argillite	v.f	none	none	o/c	siliceous, v.weathered surface and interior			streambed	xst., no min., weathering (orange-rusty brown), o/c 5x2m
05HCP005	640275	6134085	NAD83	6/27/2005	argillite	f	none	none	boulder	weathered, Ox stain			trench (T1) rubble	qtz-rich segments within metased

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05HCP006	640140	6134128	NAD83	6/27/2005	argillite	f	qtz stringers	none	boulder			5% Py	trench (T2) rubble	dark grey-blk metased, mm scale qtz stringers containing dissem. py 5%
05HCP007	640139	6134143	NAD83	6/27/2005	felsic tuff	f	none	none	boulder	siliceous, surface Ox		15% Py	trench (T2) rubble	xst., qtz 70% plag 15% py 15% (dissem and in xst clusters)
05HCP008	640092	6134072	NAD83	6/27/2005	felsic intrusive?	m	none	none	boulder	siliceous, Mg Ox		15% Py	PRO5 trench rubble	xst., qtz 70% plag 10% py 15% (dissem and in clusters) and hematite 5% (secondary xst min. with py in replacement of biotite/amphi., boulder 50x60x30cm
05HCP009			NAD83	6/27/2005	tuff	m	none	none	boulder	v. weathered		5% Py, 15% Cc?	PRO5 trench rubble	hematite/Ox 60%, blk metallic min not mag.- ?chalcocite? 15%, Ox py 5%, small (cm) scale chips, very weathered
05HCP010	640178	6133995	NAD83	6/27/2005	rhyolitic tuff	f	none	none	boulder	Mg Ox, strong alterations, py tarnish		10% Py	trench (T8) rubble	Mg Ox 75%, surficial alterations along fractures 15%, py 10%
05HCP011	640198	6133988	NAD83	6/27/2005	rhyolitic tuff	f	qtz veinlets	none	boulder	MgOx, py Ox		Gal, Py, Cc? 15%	trench (T8) rubble	gal, py, chalcocite?15%, sulfide Ox 10%
05HCP012	640437	6134089	NAD83	6/28/2005	rhyolitic tuff (rec	f-m	none	none	o/c	surface Ox, alteration pervasive along fractures			UTE o/c (N)	o/c several m.'s, red cherty siliceous appearance, with qtz rich segments, dissem py along fractures/seams 5%, slicken sides on rock face strike306 and plunge10
05HCP013	640425	6134084	NAD83	6/28/2005	lithic tuff	m	none	none	o/c	calcite alt.		5% Cpy	UTE o/c (N)	massive o/c 10m with few fractures and interlayered with v.f. brittle clay-rich layers of ash tuff?/argillite?, clasts of red cherty massive rock, xst. Qtz , dissem py, cpy cluster 5%, bedding stike62 and dip88 to N
05HCP014	640418	6134088	NAD83	6/28/2005	felsic intrusive?	f	none	none	o/c	hematitie Ox, py Ox and tarnish		10-15% Py/Cpy	UTE o/c (N)	hematite, xst. Qtz, py/cpy 10-15%, massive bulbous o/c 5-7m with no visible fracturing
05HCP015	640088	6133908	NAD83	6/28/2005	argillite	f-m	qtz vein	none	boulder	siliceous, sulfide Ox/tarnish		5-8% Py, 2% Cpy	trench (T21) near PR07	boulder contained sulfide rich segments and f gr. Argillite?, py 5-8% (dissem and in clusters) within qtz vein, py 5% cpy 2% hematite Ox?or kfs?, sample was very siliceous poss. Intrusive related to qtz veining
05HCP016	640306	6134054	NAD83	6/29/2005	felsic tuff	f	calcite and qtz	none	o/c	siliceous, calcite alteration		15% Py	UTE (E)	visible py on o/c surface, py 15% with tarnish, hematite Ox to give a red cherty appearance
05HCP017	640276	6134041	NAD83	6/29/2005	siliceous tuff	v.f	qtz stringers	none	boulder	siliceous, Mg Ox on surface		5% Py	UTE (W) rubble	massive ash tuff, hematite Ox (red conchoid. Cherty appearance), dissem py 5%, py seams, surface MgOx, small qtz stringers cut litho.,
05HCP018	640267	6134037	NAD83	6/29/2005	rhyolitic tuff	f	none	none	o/c	siliceous, Ox		5% Py	UTE (W) pit	xst., hematite Ox (pink colour), dissem py 5%, round vesicles filled with py and calcite, qtz and epidote surround py mineralization, o/c 1x.5m
05HCP019	640357	6134100	NAD83	6/29/2005	vein in felsic tuf	f	?	none	o/c	heavily altered (sericitic?)			o/c N of UTE	light coloured vein (15-20cm) follows fracture planes of tuff with f gr. clasts of tuff (red brown) within finer gr. matrix (very qtz rich)
05HCP020	640357	6134100	NAD83	6/29/2005	felsic tuff	f	none	none	o/c	Mg Ox, surface Ox of sulfides			o/c N of UTE	dark colour (Mg Ox), Ox of sulfides (malachite?), no visible min., qtz and hematite rich segments, fracture planes noted
05HCP021	640418	6134109	NAD83	6/29/2005	lithoclastic tuff	m-c	none	none	o/c	py tarnish, calcite alt., surface weathering		5% Py	o/c along rubble (N) UTE	sampled N o/c (5x0.5m) along E edge of UTE, range b/w m to c gr., pink and white colour, clastic pink, dissem py 5%, calcite alt. along fractures, surface weathering, py tarnish, note: opposite side of road contained m-c gr. tuff (flow?) with vesicles fil

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05HCP022	640223	6133961	NAD83	6/29/2005	rhyolitic tuff	f	qtz stringers	none	boulder	siliceous, py tarnish		20% Py	trench rubble	plowed trench 2x30m, dissem py 5% with clusters of xst py 15%, qtz stringers with alteration zoning along length and surrounding sulfide min., siliceous - cherty, hematitie Ox, white to pale pink colour, possible contact b/w felsic volc and argillite with
05HCP023	640365	6133968	NAD83	6/30/2005	andesitic tuff-flo	f	none	none	o/c - rubl	calcite alt., sulfide Ox			trench rubble	trench NE of RIU, o/c 1x0.5m, trench along contact between ??andesitic flow/tuff and dacite tuff (c gr. calcite alt and amybdules - secondary replacement with chl), epidote, actinolite? (yellow and rust radiating needles), azurite on weathered surface, no
05HCP024	640276	6133944	NAD83	6/30/2005	rhyolitic tuff (xst	f	none	none	o/c	surface Ox, siliceous		5% Py	trench SW of UTE	pink , dissem py 5% in clusters, massive angular o/c 1x0.5m, xst., blk-grey segments containing secondary py
05HCP025	640206	6134085	NAD83	6/30/2005	dacite ash tuff	f	none	none	boulder	Mg Ox, calcite alt.		10% Py	trench rubble	heavily alt., xst., grey white with pink hue - hematite Ox, orange weathering product of py 10%, Mg Ox on surface and along fractures, qtz 60% plag 30% py alt. 10%, secondary calcite alt, possibly silicified lithic tuff??
05HCP026	640973	6133106	NAD83	7/1/2005	rhyolitic tuff	f	none	none	o/c	surface Ox, siliceous, calcite alt.		20-30% Py	scrapped hillside at hematite showing	o/c 5x2m within rubble and sed, no visible fracture plains, dissem py 5-10% tarnished py clusters 15-20%, massive Pbgrey metallic min w/ red streak - Hematite 5%, hematite Ox
05KAP001	640375	6133914	NAD83	6/24/2005	chert		none	none	boulder	none		5-10%	trench	boulder found on side of trench in rubble pile w/ 5-10% disseminated pyrite
05KAP002	640401	6133977	NAD83	6/26/2005	sandstone	medium	qtz	none	boulder	qtz viening		5% Py	trench	boulder found on side of trench in rubble pile w/ visible xls of pyrite (5%)
05KAP003	640275	6134085	NAD83	6/26/2005	argillite	fine	qtz	none	boulder	highly siliceous	very	1%	trench	boulder (30 x 30cm) found on side of trench in rubble pile, the argillite appears to be highly altered, disseminated pyrite (approximatly 1%) is found in quartz viens
05KAP004	640387	6134078	NAD83	6/28/2005	felsic volcanic	medium	none	none	boulder	highly siliceous	very	5% Gal	trench	boulder (10 x 10cm) found in rubble on the side of a trench, very heavily altered hard to tell protolith, visible xls of galena (approximatly 5%)
05KAP005	640374	6134067	NAD83	6/28/2005	felsic volcanic?	medium	none	none	boulder	highly siliceous	very	1% Py, ,1% Gal	trench	boulder (20 x 20cm) found in rubble on the side of a trench, highly altered, disseminated pyrite (1%), less than 1% galena
05KAP006	640349	6134067	NAD83	6/28/2005	felsic tuff	fine	calcite	none	outcrop	highly siliceous, calcite	very	1-2% Py	outcrop on wall of trench	outcrop brown in colour, highly altered w/ small plag xenocrysts mm scale calcite veins throughout, calcite alteration of plag? Disseminated py (1-2%)
05KAP007	640349	6134067	NAD83	6/28/2005	felsic tuff	medium	calcite	none	boulder	higly siliceous	very	1-5% Py, 5% Gal	trench	boulder (50 x 50cm) in rubble on side of trench, very hard and highly silicous , py (1-5%), galena(5%), mm scale viens of calcite
05KAP008	640070	6133903	NAD83	6/29/2005	red volcanic	fine	none	none	boulder	chlorite replacement of plag			trench	fine grained matrix red in colour with porphroblasts of plag (5%), qtz (5%), boulder from side of trench , no visible sulfides
05KAP009	640070	6133903	NAD83	6/29/2005	andesite	medium	qtz	none	boulder			1% Py	trench	orange coloured boulder (10 x 10cm) on side f thrench in rubble pile, qtz (15%), mm scale qtz viens throughout, disseminated sulfides v. small probably pyrite (1%)
05KAP010	640087	6133948	NAD83	6/29/2005	argillite	fine	qtz	none	boulder			1% Py	trench	grey boulder (50x50cm) in rubble pile beside trench, mm scale qtz veining disseminated pyrite (1%)
05KAP011	640273	6133953	NAD83	6/29/2005	argillite	fine	none	none	outcrop	v. weathered surface		5% Py	outcrop on wall of trench	outcrop (2 x 1m) on wall of trench fine grained matrix with larger porphroblasts of qtz, pyrite (5%) encircling the qtz xls , very hard

Appendix 2. Rock Sample Descriptions and Locations

Sample_Nu	Easting	Northing	Datum	Date Sampl	Lithology	Grain Size	Veining	Magnetis	Material	Alteration	Alteration In	Sulphide Content	Relief	Description
05KAP012	640315	6133909	NAD83	6/29/2005	too weathered to determin		none	none	boulder	v. weathered surface, highly silicous		5% Py	trench	red boulder (15 x 10cm) on top of trench in rubble pile, very altered, disseminated pyrite (5%) throughout
05KAP013	640385	6133919	NAD83	6/29/2005	andesite or rhyc	medium	none	none	boulder	none		5% Py	trench	boulder (20 x 10cm) in rubble pile on side of trench, medium grained matrix with clasts of carbonate w/ pyrite (5%) in them and surrounding them
05KAP014	640179	6134105	NAD83		Ash rhyolite	medium	none	none	boulder				trench	small boulder (10x5cm) black in colour on outside very weathered on inside with lots of oxidation inside the rock, medium grained with speckles of oxidated minerals throughout w/n a white matrix, possible muscovite or chlorite replacement
05KAP015	640982	6133099	NAD83	7/1/2005	too weathered to determin		none	none	boulder	calcite		5-10% Py	scrapped hillside at hematite showing	small rusty boudler (10 x10cm) extremely weathered, visible xls of pyrite (5-10%)
05KAP016	640985	6133111	NAD83	7/1/2005	crystaline rhyoli	medium	none	none	boulder	hematite		5-10% Py	trench	large rusty boulder (1 x 1m) from side of trench, v. silicous (20-50%) , grey/ pink colour on fresh face, 5-10% pyrite, possibly some bornite

APPENDIX 3

Rock Sample Assay Results

Appendix 3. Part 1. Rock Samples Assay Results

VA05058253 - Finalized
CLIENT : "TTB - Apex Geoscience Ltd."
# of SAMPLES : 109
DATE RECEIVED : 2005-07-18 DATE FINALIZED : 2005-08-04
PROJECT : "99112"
CERTIFICATE COMMENTS : ""
PO NUMBER : " "

SAMPLE	Au-AA23	Au-GRA21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
DESCRIPT	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn
	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm
05BAP008	0.134		>100	3.83	964	260	0.6	11	0.39	52.9	8	55	9110	5.56	1.25	0.22	18000
05BAP009	<0.005		<0.5	7.69	18	190	<0.5	<2	3.42	<0.5	27	62	17	7.02	0.38	1.36	1070
05BAP010	1.47		>100	1.42	9880	100	<0.5	612	0.19	138.5	6	<1	>10000	19.6	0.57	0.14	55600
05BAP011	0.093		>100	6.23	265	310	0.7	16	1.2	24.7	17	21	2820	6.24	2.29	0.51	18000
05BAP012	>10.0	12.55	>100	1.72	1510	40	<0.5	346	0.03	114.5	27	51	>10000	16	0.68	0.1	12800
05BAP013	1.625		>100	0.99	2210	210	0.7	218	14.1	100.5	8	1	>10000	11.5	0.37	4.99	29000
05BAP014	0.701		>100	0.88	690	250	0.7	65	15.2	50.4	11	8	4570	9.65	0.33	5.56	14950
05BAP015	0.781		>100	0.36	1755	10	<0.5	96	0.09	>500	3	<1	>10000	7.89	0.13	0.08	15250
05BAP016	0.616		>100	3.11	4200	250	1.3	71	0.09	84.9	16	14	>10000	20.4	1.12	<0.01	43600
05BAP017	0.202		>100	5.82	745	310	0.8	28	1.34	26.2	16	54	3870	5.95	1.86	0.53	10500
05BAP018	0.177		>100	4.2	388	210	0.8	4	7.35	23.9	9	29	2700	6.96	1.41	2.58	14850
05BAP019	9.79		85.5	2.63	4040	90	<0.5	155	0.09	16.4	13	161	6210	27.8	1.04	<0.01	31600
05BAP020	5.85		51	0.97	1910	20	<0.5	217	0.07	6.8	12	171	3630	31.8	0.41	0.03	568
05BAP021	7.37		64.7	2.25	3300	70	<0.5	123	0.06	9.2	12	208	5650	29.4	0.95	0.01	15250
05BAP022	1.1		>100	3.34	7030	140	<0.5	139	0.36	36.9	3	161	>10000	9.33	1.46	0.15	27600
05BAP023	7.03		>100	1.49	4440	70	<0.5	437	0.08	10.6	14	199	>10000	27.2	0.62	0.02	12600
05BAP024	1.135		>100	1.25	6140	60	<0.5	319	0.14	94.7	4	145	>10000	7.87	0.53	0.07	10700
05BAP025	4.95		>100	1.51	4070	50	<0.5	479	0.07	12.2	18	136	>10000	25.7	0.62	0.03	8470
05BAP026	0.474		>100	1.91	4480	180	<0.5	645	0.49	50.6	3	54	>10000	13.5	0.84	0.27	92900
05BAP027	0.038		43.6	3.23	1750	210	0.9	13	9.57	25.2	9	56	5940	7.59	0.84	3.15	44200
05BAP028	<0.005		0.9	7.89	85	280	<0.5	4	6.17	<0.5	32	150	182	5.77	1.21	3.85	1325
05BAP029	<0.005		2.1	8.68	29	810	2.8	4	1.65	7	9	66	57	3.91	3.63	1.06	1215
05BAP030	<0.005		4.4	3.62	350	210	<0.5	2	1.59	20.8	5	96	67	6.5	1.11	0.6	8080
05BAP031	0.008		19.1	5.72	161	470	0.7	2	0.05	17.8	11	54	1020	3.06	1.9	0.06	9130
05BAP032	0.027		12.5	5.63	426	220	0.7	4	0.36	10.2	16	68	128	5.76	1.76	0.21	6350
05BAP033	0.008		0.6	8.1	11	120	<0.5	<2	7.96	<0.5	42	385	183	8.45	0.24	6.26	2120
05BAP034	0.055		1.1	7.67	38	1250	1.3	9	4.46	<0.5	11	35	217	3.44	1.88	0.22	1585
05BAP035	<0.005		3.2	8.69	35	860	1.2	<2	3.13	6.4	13	22	31	5.2	0.58	0.59	2840
05BAP036	<0.005		<0.5	6.43	33	450	<0.5	<2	0.04	<0.5	1	38	31	1.38	1.13	0.01	51
05BAP037	<0.005		<0.5	7.61	23	560	0.6	<2	0.08	<0.5	3	22	13	2.36	0.81	0.02	601
05BAP038	<0.005		<0.5	6.49	27	680	<0.5	<2	0.06	<0.5	4	50	20	2.73	1.28	0.01	468
05BAP039	<0.005		0.7	7.46	22	550	0.8	2	0.27	2.1	8	40	38	3.85	1.88	0.24	761
05BAP040	<0.005		<0.5	8.61	23	120	<0.5	<2	5.2	<0.5	44	126	19	6.8	0.11	3.02	1940
05BAP041	<0.005		<0.5	8.49	32	150	<0.5	<2	5.81	<0.5	31	126	13	7.18	0.11	2.53	1755
05KAP008	<0.005		<0.5	8.11	21	140	<0.5	<2	1.42	0.8	31	140	13	6.8	0.24	1.51	1190
05KAP009	<0.005		<0.5	7.3	12	960	1.2	<2	3.27	<0.5	10	23	42	4.28	2.15	0.37	754
05KAP010	<0.005		<0.5	7.09	19	1090	1.1	<2	0.81	0.8	11	203	13	3.62	1.62	0.33	1475
05KAP011	<0.005		<0.5	8.3	27	450	<0.5	<2	2.82	1.2	33	77	15	6.84	0.22	2.13	1655
05KAP012	0.009		1.2	8.32	161	70	0.5	5	0.07	1.3	14	58	276	2.97	0.37	0.05	346

Appendix 3. Part 1. Rock Samples Assay Results

VA05058253 - Finalized																	
CLIENT : "TTB - Apex Geoscience Ltd."																	
# of SAMPLES : 109																	
DATE RECEIVED : 2005-07-18 DATE FINALIZED : 2005-08-04																	
PROJECT : "99112"																	
CERTIFICATE COMMENTS : ""																	
PO NUMBER : " "																	
	Au-AA23	Au-GRA21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
SAMPLE	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn
DESCRIPT	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm
05KAP013	<0.005		<0.5	8.54	19	170	0.5	<2	2.88	<0.5	18	115	171	6.85	0.19	2.03	1655
05KAP014	0.007		2.8	9.42	39	810	4	2	0.28	7	6	73	21	5.02	3.46	0.36	15400
05KAP015	0.31		7.6	3.86	856	60	1.6	2	2.86	2.2	39	60	5330	17.9	0.28	0.89	3710
05KAP016	0.009		1.5	6.9	68	60	0.6	3	3.46	0.8	13	38	31	5.7	0.58	1.19	836
05HCP016	0.096		11.6	3.16	361	60	<0.5	11	0.32	2.2	18	95	444	14.9	1.07	0.3	30800
05HCP017	<0.005		<0.5	8.94	165	90	1	<2	0.96	<0.5	28	178	25	5.89	0.24	0.38	2410
05HCP018	<0.005		0.9	7.34	171	130	0.7	<2	2.06	0.7	22	136	46	5.23	1.31	0.77	2310
05HCP019	<0.005		1.3	6.54	76	240	0.8	2	0.04	<0.5	16	36	13	4.48	1.01	0.05	1025
05HCP020	<0.005		0.5	6.43	27	320	1.1	<2	0.07	<0.5	12	34	14	2.68	1.15	0.05	1165
05HCP021	<0.005		0.5	8.26	182	310	0.9	<2	1.3	<0.5	24	47	7	5.89	0.87	0.72	1900
05HCP022	<0.005		<0.5	7.49	43	190	0.7	2	2.86	<0.5	26	105	13	5.45	1.64	0.61	1885
05HCP023	<0.005		0.6	9.09	27	200	<0.5	<2	4.88	<0.5	43	189	45	7.81	0.17	5.07	1455
05HCP024	<0.005		<0.5	9.6	125	260	0.7	2	0.86	1.5	52	92	13	7.81	0.29	0.29	1155
05HCP025	<0.005		2.5	7.07	37	400	1	<2	0.09	5.5	3	51	73	2.38	2.5	0.17	2490
05HCP026	0.013		<0.5	2.44	67	210	<0.5	<2	7.86	<0.5	24	57	12	11.75	0.89	1.84	9710
05JMP001	<0.005		2.6	7.74	79	100	1.1	<2	2.3	2.7	18	169	23	5.41	1.52	0.8	6530
05JMP002	0.026		40.5	4.96	133	200	0.8	<2	0.12	14.2	10	74	490	4.83	1.69	0.13	11400
05JMP003	<0.005		3.5	7.6	75	520	1.3	4	0.1	13.2	10	15	88	4.62	3.41	0.27	14350
05JMP004	0.18		>100	4.5	4240	180	0.7	75	0.04	31.6	9	54	>10000	6.17	1.74	0.11	11200
05JMP005	<0.005		4.3	4.46	55	170	0.5	<2	0.04	8	1	102	229	1.54	1.75	0.1	6550
05JMP006	<0.005		4.5	3.81	35	280	<0.5	2	0.04	4.1	1	80	53	1.72	1.26	0.1	5410
05JMP007	0.403		>100	3.42	1485	190	0.6	32	2.83	126.5	11	33	>10000	9.31	1.25	1.01	22500
05JMP008	0.072		>100	5.83	631	220	0.8	9	2.58	26.7	13	28	3490	8.31	2.23	0.95	17500
05JMP009	0.804		>100	1.38	3960	120	0.5	279	3.75	497	10	<1	>10000	10.25	0.51	1.39	31500
05JMP010	<0.005		9.1	8.25	26	1340	1.5	<2	2.28	0.7	12	53	111	3.25	2.64	0.94	744
05JMP011	0.041		72.5	8.63	85	680	1.7	<2	1.67	7.7	5	59	796	2.47	0.66	1.02	510
05JMP012	0.005		5.3	8.23	107	90	3	<2	0.09	12.8	1	21	1200	1.83	1.31	0.07	3740
05JMP013	<0.005		2.1	6.84	37	490	1.9	<2	0.07	14.6	7	38	100	3.72	2.98	0.26	5340
05JMP014	<0.005		0.5	8.01	40	100	0.6	2	3.54	<0.5	30	168	37	6.87	0.71	0.78	2890
05JMP015	<0.005		1.1	10.3	57	1200	3.2	<2	0.34	1.3	8	20	25	4.65	4.19	0.23	2670
05JMP016	<0.005		<0.5	7.31	17	80	<0.5	<2	2.94	<0.5	49	53	28	7.5	0.11	5.43	2500
05JMP017	<0.005		0.7	7.87	12	360	1.3	<2	1.23	0.5	9	13	10	4.41	2.22	0.7	1385
05JMP018	<0.005		<0.5	7.57	17	330	1.2	<2	0.89	<0.5	12	19	5	4.67	2.34	0.69	1915
05JMP019	0.499		>100	2.03	748	140	0.5	83	4.44	146.5	10	8	>10000	11.25	0.75	1.65	47800
05JMP020	0.111		>100	3.43	114	180	0.9	<2	9.59	17.5	7	9	1365	6.01	1.14	3.31	14850
05JMP021	1.495		57.8	1.41	2050	60	<0.5	43	0.08	1.8	11	153	1800	28.6	0.59	0.04	777
05JMP022	4.07		68.7	1.36	5800	40	<0.5	122	0.13	9.8	16	102	>10000	24.3	0.56	0.04	1880
05JMP023	>10.0	10.7	>100	2.65	7920	50	<0.5	603	0.12	19	8	155	>10000	13.8	1.18	0.05	302
05JMP024	>10.0	14.15	>100	0.33	4190	20	<0.5	2410	0.2	56.1	10	96	>10000	23.1	0.13	0.06	29100

Appendix 3. Part 1. Rock Samples Assay Results

VA05058253 - Finalized																	
CLIENT : "TTB - Apex Geoscience Ltd."																	
# of SAMPLES : 109																	
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PROJECT : "99112"																	
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	Au-AA23	Au-GRA21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
SAMPLE	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn
DESCRIPT	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm
05JMP025	>10.0	13.65	>100	0.35	3590	10	<0.5	594	0.06	55.3	19	136	>10000	34.9	0.15	0.01	962
05JMP026	>10.0	12.65	>100	0.23	4190	10	<0.5	4090	0.07	84.1	17	144	>10000	31.7	0.09	0.01	1280
05JMP027	1.725		>100	0.3	3980	10	<0.5	1270	0.09	95.8	2	176	>10000	9.72	0.11	0.02	2980
05JMP028	0.025		5	7.24	51	1300	1	11	0.02	0.8	12	48	196	5.01	1.5	0.13	90
05JMP029																	
05JMP030	0.017		6.6	6.18	66	710	1	10	0.2	3.1	13	85	502	3.52	2.76	0.32	2050
05JMP031	<0.005		1.6	8.6	23	80	<0.5	<2	8.89	<0.5	29	123	41	6.23	0.09	1.84	1510
05JMP032	<0.005		1.1	8.8	41	180	0.6	<2	4.68	<0.5	17	155	88	6.74	0.4	0.64	1695
05JMP033	<0.005		0.6	7.73	16	300	<0.5	<2	4.71	<0.5	33	74	39	7.23	0.23	1.92	1405
05JMP034	<0.005		<0.5	6.53	6	180	0.7	<2	7.06	<0.5	56	463	59	8.07	0.17	3.09	1855
05SMP029	<0.005		0.9	8.15	7	650	1.1	<2	0.11	1.6	11	37	52	4.72	3.85	0.36	2110
05SMP030	0.007		0.7	8.02	15	1250	1.3	<2	2.25	0.5	5	30	49	3.33	1.82	0.75	1045
05SMP031	<0.005		0.5	6.89	13	160	0.5	<2	3.73	0.5	18	102	22	5.48	0.16	1.77	1515
05SMP032	0.036		10.8	3.83	478	170	0.5	26	1	63.7	4	161	1425	3.72	0.45	0.68	1270
05SMP033	0.005		<0.5	8.77	18	150	0.9	<2	6.95	0.7	41	356	20	7.44	0.34	5.53	1805
05SMP034	0.005		<0.5	8.46	22	420	<0.5	<2	4.93	<0.5	43	188	198	7.27	0.15	4.95	1300
05SMP035	0.01		<0.5	9.18	32	750	3.5	<2	0.94	3.6	19	31	8	5.05	3.1	0.59	1500
05SMP036	0.006		1	8.61	94	110	0.8	<2	3.66	2.4	28	87	18	4.63	1.02	1.14	1660
05SMP037	<0.005		<0.5	8.06	33	400	0.6	<2	4.68	<0.5	26	104	231	5.66	0.38	1.68	1490
05SMP038	0.006		<0.5	7.38	37	310	0.8	<2	4.98	<0.5	32	102	212	6.23	0.28	1.93	1635
05SMP039	<0.005		1.1	5.28	6	340	0.8	<2	0.09	3.1	<1	49	223	1.33	2.31	0.17	3720
05SMP040	<0.005		<0.5	8.14	<5	1160	1.1	<2	2.72	0.6	12	42	33	3.87	1.94	1.21	1095
05SMP041	<0.005		<0.5	8.29	<5	960	1.4	<2	2.7	1.4	12	25	19	4.41	1.78	0.14	1295
05SMP042	0.007		<0.5	7.23	9	730	0.8	<2	2.55	<0.5	15	32	40	3.75	1.4	0.64	814
05SMP043	0.232		4.3	2.51	67	300	0.6	4	5.19	<0.5	15	58	67	14.7	0.12	1.7	3370
05SMP044	<0.005		<0.5	7.28	<5	440	0.6	<2	1.83	<0.5	5	35	13	4.94	1.56	2.29	787
05SMP045	0.013		<0.5	8.78	14	890	<0.5	<2	4.08	<0.5	32	144	95	6.77	1.65	4.29	1530
05SMP046	<0.005		<0.5	8.39	5	190	<0.5	<2	2.6	<0.5	56	227	17	8.09	0.09	5.41	1220
05SMP047	<0.005		<0.5	8.26	24	1520	1.3	<2	0.11	<0.5	2	28	13	1.57	2.84	0.17	379
05SMP048	<0.005		<0.5	7.94	30	1190	<0.5	<2	0.06	<0.5	1	15	4	1.66	3.36	0.06	54
05SMP049	<0.005		<0.5	8.89	<5	1270	1.3	<2	3.9	<0.5	14	20	27	3.89	1.89	1.4	1245

Appendix 3. Part 1. Rock Samples Assay Results

VA050582																	
CLIENT : "																	
# of SAMPI																	
DATE REC																	
PROJECT																	
CERTIFIC/																	
PO NUMBI																	
	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Ag-AA62	Cu-AA62	Pb-AA62	Zn-AA62	Ag-GRA21
SAMPLE	Mo	Na	Ni	P	Pb	S	Sb	Sr	Ti	V	W	Zn	Ag	Cu	Pb	Zn	Ag
DESCRIPT	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm
05BAP008	9	0.14	5	150	5130	2.77	5240	154	0.21	35	<10	2460	718				
05BAP009	<1	4.29	43	780	31	0.01	11	141	0.45	288	<10	97					
05BAP010	19	0.03	8	90	8050	8.38	6440	104	0.06	42	<10	>10000	677	9.58		1.25	
05BAP011	5	0.2	10	70	3500	2.55	1760	108	0.28	78	<10	2020	276				
05BAP012	62	0.01	16	50	>10000	>10.0	>10000	44	0.08	229	<10	4530	>1000	2.37	28.1		1815
05BAP013	9	0.06	16	80	>10000	2.81	4360	172	0.04	96	<10	5070	460	1.3	2.56		
05BAP014	4	0.06	15	60	>10000	2.84	2150	140	0.03	95	<10	2750	246		2.22		
05BAP015	6	<0.01	6	20	>10000	>10.0	>10000	24	0.01	44	90	>10000	>1000	2.85	>30.0	7.16	2200
05BAP016	12	0.02	13	180	>10000	6.79	>10000	227	0.15	133	<10	5600	>1000	2.49	10.65		1115
05BAP017	4	0.27	11	110	>10000	4.1	1340	184	0.28	78	<10	1340	177		2.03		
05BAP018	1	0.17	12	130	2880	1.99	1685	230	0.17	103	<10	1905	226				
05BAP019	3	0.01	9	630	2520	>10.0	429	61	0.13	218	130	1545					
05BAP020	6	<0.01	6	270	1280	>10.0	213	17	0.03	115	190	1005					
05BAP021	4	0.01	10	580	1905	>10.0	279	46	0.12	213	150	1270					
05BAP022	4	0.01	9	1260	3690	3.53	1960	19	0.15	345	40	3340	246	3.23			
05BAP023	5	0.01	8	410	1695	>10.0	453	35	0.09	151	130	2040	125	3.44			
05BAP024	1	0.01	5	410	7160	5.56	4810	31	0.06	107	10	8250	473	4.81			
05BAP025	4	0.01	9	430	1295	>10.0	540	45	0.09	148	100	2180	150	2.56			
05BAP026	1	0.01	8	860	2870	3.75	1010	30	0.13	216	30	5180	200	4.21			
05BAP027	2	0.03	20	1260	867	0.85	548	643	0.19	383	60	2510					
05BAP028	<1	0.46	141	510	26	0.36	28	114	0.51	301	<10	95					
05BAP029	3	0.07	12	1780	134	2.88	10	105	0.32	134	<10	741					
05BAP030	10	0.22	8	80	826	3.64	33	122	0.16	49	<10	4170					
05BAP031	3	0.26	8	40	6510	0.74	228	80	0.21	68	<10	1195					
05BAP032	3	0.29	10	40	1470	3.19	79	83	0.28	80	<10	1895					
05BAP033	2	0.39	205	980	38	3.71	5	420	0.22	259	<10	87					
05BAP034	1	2.71	4	1110	49	0.16	7	646	0.31	94	<10	118					
05BAP035	2	1.51	5	1740	243	1.21	11	462	0.32	84	<10	739					
05BAP036	4	0.06	3	340	14	0.9	6	80	0.24	23	<10	46					
05BAP037	5	0.06	5	590	14	0.18	<5	102	0.32	44	<10	100					
05BAP038	2	1.28	3	470	15	0.27	<5	87	0.25	45	<10	79					
05BAP039	1	0.05	8	690	54	1.6	11	185	0.23	83	<10	287					
05BAP040	<1	3.75	76	870	15	0.01	<5	284	0.5	222	<10	120					
05BAP041	1	3.24	59	940	16	0.01	<5	354	0.5	387	<10	130					
05KAP008	<1	3.58	88	860	35	0.01	6	103	0.49	189	<10	193					
05KAP009	1	2.38	5	1620	10	0.01	<5	532	0.42	144	<10	116					
05KAP010	1	1.79	45	560	12	0.02	<5	124	0.26	93	<10	180					
05KAP011	<1	4.6	55	820	17	0.79	5	175	0.48	292	<10	154					
05KAP012	1	0.11	12	170	26	0.71	45	149	0.4	105	<10	170					

Appendix 3. Part 1. Rock Samples Assay Results

VA0505825																	
CLIENT : "																	
# of SAMPI																	
DATE REC																	
PROJECT																	
CERTIFICA																	
PO NUMBE																	
	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Ag-AA62	Cu-AA62	Pb-AA62	Zn-AA62	Ag-GRA21
SAMPLE	Mo	Na	Ni	P	Pb	S	Sb	Sr	Ti	V	W	Zn	Ag	Cu	Pb	Zn	Ag
DESCRIPT	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm
05KAP013	1	3.21	55	1220	27	0.1	7	103	0.55	250	<10	154					
05KAP014	6	0.06	13	1220	1635	0.01	23	50	0.3	117	<10	1035					
05KAP015	1	0.03	23	1140	44	6.84	29	69	0.17	228	40	345					
05KAP016	1	0.04	8	170	50	5.17	6	94	0.34	78	<10	104					
05HCP016	8	0.11	8	880	304	9.48	89	306	0.12	163	<10	443					
05HCP017	<1	1.74	43	750	99	1.96	13	229	0.51	299	<10	168					
05HCP018	<1	0.07	21	320	71	1.83	9	155	0.42	223	<10	194					
05HCP019	1	0.35	8	230	39	0.03	8	283	0.33	129	<10	210					
05HCP020	<1	0.32	5	90	21	0.02	8	92	0.23	69	<10	97					
05HCP021	<1	1.91	24	250	42	1.25	5	239	0.38	103	<10	421					
05HCP022	<1	0.99	21	620	15	2.32	6	200	0.4	224	<10	132					
05HCP023	<1	2.69	111	430	25	0.01	8	416	0.59	282	<10	114					
05HCP024	1	3.54	74	1400	24	1.54	13	115	0.52	402	<10	625					
05HCP025	<1	0.11	4	310	62	0.01	16	76	0.24	35	<10	755					
05HCP026	1	0.05	14	420	13	3.79	8	49	0.1	63	30	102					
05JMP001	<1	0.03	36	390	292	0.62	27	543	0.39	336	<10	783					
05JMP002	<1	0.04	12	300	7680	0.58	257	323	0.23	434	<10	1500					
05JMP003	<1	0.06	12	30	448	0.06	33	49	0.29	119	<10	1335					
05JMP004	5	0.04	8	120	>10000	2.2	1870	154	0.17	127	<10	2250	99	1.05	1.77		
05JMP005	1	0.05	6	120	2900	0.04	49	44	0.18	135	<10	722					
05JMP006	1	0.05	3	130	995	0.02	42	63	0.13	151	<10	462					
05JMP007	20	0.11	11	350	>10000	7.18	>10000	326	0.17	32	<10	4210	>1000	1.73	8.5		1590
05JMP008	3	0.16	9	450	3110	4.35	1325	173	0.32	47	<10	1810	129				
05JMP009	13	0.05	12	130	>10000	8.72	>10000	164	0.06	26	90	>10000	>1000	7.94	4.51	2.15	7250
05JMP010	1	3.04	7	1030	61	0.19	114	583	0.29	66	<10	101					
05JMP011	1	3.15	6	1100	645	1.63	493	821	0.16	66	<10	322					
05JMP012	2	0.02	2	110	148	0.14	87	87	0.09	10	10	1300					
05JMP013	1	0.12	7	150	242	0.24	25	208	0.33	92	<10	769					
05JMP014	<1	3.62	53	470	24	0.51	12	198	0.45	609	<10	269					
05JMP015	5	0.43	6	1650	102	0.17	19	222	0.34	139	10	344					
05JMP016	<1	2.73	60	620	22	0.11	<5	207	0.45	254	<10	159					
05JMP017	<1	0.05	8	160	18	0.34	10	79	0.43	54	<10	188					
05JMP018	<1	0.08	12	190	24	0.07	9	195	0.36	33	<10	234					
05JMP019	11	0.08	7	120	>10000	5.75	9480	171	0.1	37	<10	4550	>1000	1.7	10.7		1395
05JMP020	1	0.16	8	110	2460	0.6	864	181	0.13	77	<10	1820	121				
05JMP021	4	0.01	3	490	1585	>10.0	156	50	0.07	257	140	507					
05JMP022	4	0.01	5	640	1080	>10.0	226	25	0.09	219	70	1740		2.04			
05JMP023	5	0.01	13	830	2610	>10.0	450	19	0.16	291	60	2990	189	4.58			
05JMP024	11	<0.01	9	470	3910	>10.0	2990	16	0.04	67	10	4540	820	3.52			

Appendix 3. Part 1. Rock Samples Assay Results

VA050582																	
CLIENT : "																	
# of SAMPI																	
DATE REC																	
PROJECT																	
CERTIFIC/																	
PO NUMBI																	
	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Ag-AA62	Cu-AA62	Pb-AA62	Zn-AA62	Ag-GRA21
SAMPLE	Mo	Na	Ni	P	Pb	S	Sb	Sr	Ti	V	W	Zn	Ag	Cu	Pb	Zn	Ag
DESCRIPT	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm
05JMP025	130	<0.01	10	680	3890	>10.0	3790	11	0.06	57	10	5050	531	2.1			
05JMP026	103	<0.01	6	470	8960	>10.0	3970	68	0.05	41	<10	7860	>1000	2.83			1770
05JMP027	4	<0.01	6	490	>10000	7.39	6290	9	0.04	35	10	7580	739	8.77	1.7		
05JMP028	1	0.06	9	230	63	0.15	33	204	0.42	100	<10	167					
05JMP029																	
05JMP030	4	0.08	6	730	453	1.26	53	100	0.18	89	<10	416					
05JMP031	<1	2.98	65	1000	22	0.03	10	163	0.47	250	<10	77					
05JMP032	<1	5.1	44	2330	34	0.02	12	68	0.41	200	<10	73					
05JMP033	<1	4.5	56	660	17	0.01	<5	170	0.47	359	<10	110					
05JMP034	<1	0.05	227	330	13	0.01	7	120	0.31	220	<10	102					
05SMP029	1	0.12	6	650	126	2.41	9	62	0.44	124	<10	296					
05SMP030	1	3.92	5	1250	26	0.02	8	693	0.28	65	<10	122					
05SMP031	<1	2.95	41	830	27	0.01	6	250	0.43	202	<10	139					
05SMP032	2	0.13	54	940	674	1.1	33	591	0.14	85	<10	8890					
05SMP033	<1	1.34	173	480	15	0.01	<5	268	0.44	278	<10	201					
05SMP034	<1	2.7	100	410	20	0.33	<5	399	0.51	263	<10	157					
05SMP035	4	1.08	16	1560	77	1.63	9	187	0.31	128	<10	390					
05SMP036	66	0.12	48	470	55	3.6	15	228	0.36	420	10	414					
05SMP037	<1	2.62	46	1100	21	1.84	6	225	0.49	366	<10	145					
05SMP038	1	2.25	45	970	19	1.88	7	204	0.43	300	<10	123					
05SMP039	1	0.1	3	170	584	0.02	8	51	0.13	11	<10	332					
05SMP040	<1	3.12	10	1080	15	0.02	<5	887	0.31	103	<10	86					
05SMP041	1	2.42	3	1610	16	0.01	<5	526	0.36	89	<10	170					
05SMP042	1	0.07	9	940	9	1.05	<5	140	0.44	116	<10	99					
05SMP043	<1	0.02	10	990	26	3.33	13	110	0.09	88	50	134					
05SMP044	<1	2.15	8	190	15	0.03	<5	225	0.44	133	<10	54					
05SMP045	<1	2.46	68	690	187	0.44	<5	352	0.4	248	<10	175					
05SMP046	<1	3.31	188	300	10	0.01	<5	82	0.5	247	<10	151					
05SMP047	1	0.42	2	500	9	0.01	<5	476	0.15	32	<10	51					
05SMP048	1	0.14	1	410	6	0.06	<5	101	0.35	45	<10	27					
05SMP049	2	3.5	4	1800	6	0.02	<5	690	0.37	110	<10	75					

Appendix 3. Part 2. Rock samples Assay Results

VA05053194 - Finalized																		
CLIENT : "TTB - Apex Geoscience Ltd."																		
# of SAMPLES : 57																		
DATE RECEIVED : 2005-07-05 DATE FINALIZED : 2005-07-19																		
PROJECT : " "																		
CERTIFICATE COMMENTS : ""																		
PO NUMBER : "99112"																		
	Au-AA23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
SAMPLE	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	
DESCRIPTIO	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	
05HCP001	0.007	<0.5	8.57	25	510	1	5	0.06	<0.5	2	8	11	0.86	0.85	0.05	536	<1	
05HCP002	0.007	<0.5	7.78	9	330	1	3	0.81	<0.5	9	19	13	1.81	1.31	0.2	258	<1	
05HCP003	<0.005	<0.5	8.54	18	660	1	<2	4.26	<0.5	27	18	55	6.2	1.37	2.1	800	<1	
05HCP004	<0.005	<0.5	4.46	24	250	<0.5	4	5.28	<0.5	3	13	11	2.91	0.48	0.57	1055	<1	
05HCP005	<0.005	0.6	6.03	<5	120	0.5	2	0.11	1.3	2	7	8	2.31	1.05	0.04	8230	<1	
05HCP006	<0.005	<0.5	8.57	<5	550	0.7	3	2.83	<0.5	16	34	62	4.83	1.23	1.16	914	1	
05HCP007	0.007	<0.5	6.57	25	210	<0.5	3	0.09	<0.5	9	19	5	2.96	2.41	0.22	51	3	
05HCP008	0.007	<0.5	7.9	13	960	1.1	11	0.06	<0.5	3	14	7	4.09	3.56	0.34	505	3	
05HCP009	>10.0	>100	0.73	>10000	80	<0.5	2430	0.23	16	<1	<1	>10000	41.1	0.22	0.08	15750	1	
05HCP010	0.042	27.2	4.78	182	320	1.3	5	0.03	12.6	2	19	341	2.64	1.96	0.19	5760	<1	
05HCP011	5.03	>100	1.46	>10000	120	<0.5	552	0.03	252	1	<1	>10000	22.6	0.63	0.17	40600	5	
05HCP012	0.011	4.6	7.5	104	70	0.8	6	1.26	1.1	23	124	263	2.49	0.7	0.22	1080	<1	
05HCP013	<0.005	1.1	7.72	75	180	0.7	2	2.79	<0.5	16	83	67	4.22	1.47	1.05	1725	<1	
05HCP014	0.009	0.8	8.1	167	80	0.6	<2	2.55	<0.5	39	57	26	7.04	0.48	1.08	1440	<1	
05HCP015	0.005	1.2	7.14	23	630	1.3	10	0.67	1.7	9	17	44	3.1	3.29	0.53	2790	<1	
05BAP001	0.53	68.7	2.11	9050	70	0.7	167	5.82	208	29	65	>10000	12.05	0.69	1.86	5770	61	
05BAP002	<0.005	2.6	7.06	80	150	0.9	2	2.47	0.5	18	39	60	5.59	2.04	1.22	4760	<1	
05BAP003	0.009	7	7.76	204	160	1.3	4	1.44	2.8	18	128	335	5.73	1.29	0.62	3040	<1	
05BAP004	0.006	3.2	6.71	214	240	1	<2	3.21	0.5	17	74	220	8.1	1.71	1.22	3300	<1	
05BAP005	<0.005	<0.5	2.26	19	120	0.5	3	11.65	2.4	10	19	28	3.34	0.53	5.5	2630	<1	
05BAP006	<0.005	0.6	4.55	26	290	0.9	3	12.05	0.8	4	13	48	1.08	0.68	0.16	2910	<1	
05BAP007	<0.005	1.9	2.38	55	430	<0.5	3	18.6	2	33	19	93	7.1	0.36	3.48	7460	<1	
05KAP001	0.005	<0.5	7.26	17	90	0.5	11	3.36	<0.5	24	210	24	5.23	0.32	1.26	723	<1	
05KAP002	<0.005	<0.5	8.36	178	130	<0.5	4	4.02	<0.5	27	247	112	5.57	0.44	0.37	1815	5	
05KAP003	<0.005	<0.5	9.07	<5	1710	1.2	<2	0.16	<0.5	29	106	72	5.07	3.4	0.71	545	<1	
05KAP004	0.016	37.4	2.07	127	90	0.5	9	3.08	32.1	8	18	721	9.72	0.81	1.58	67700	2	
05KAP005	0.021	11.2	5.88	120	210	0.7	7	0.39	11.7	14	34	156	5.86	2.37	0.43	24000	1	
05KAP006	<0.005	2	6.9	25	200	0.6	<2	2.68	0.5	9	21	50	4.02	2.9	1.02	4580	<1	
05KAP007	0.08	>100	2.47	448	400	0.6	59	11.95	20.7	10	4	2080	6.01	1.07	4.86	10400	5	
05SMP001	0.826	14.2	1.64	1450	50	<0.5	20	0.09	<0.5	9	28	1050	23.4	0.62	0.04	1830	1	
05SMP002	<0.005	1	6.36	34	380	<0.5	<2	1.59	<0.5	17	140	55	3.52	0.17	0.62	733	<1	
05SMP003	0.178	>100	3.56	1525	140	0.5	97	8.54	86	16	14	>10000	7.13	1.32	1.76	20800	5	
05SMP004	0.01	17.6	6.23	118	180	0.9	<2	0.52	9.5	15	17	502	5.57	2.4	0.47	12900	<1	
05SMP005	0.012	15.8	2.91	39	380	0.7	<2	0.18	3	8	25	161	1.85	1.08	0.13	2480	3	
05SMP006	2.02	>100	2.1	4910	90	0.7	288	0.12	401	17	15	>10000	7.07	0.69	0.16	19250	29	
05SMP007	0.049	59.4	5.43	218	400	0.8	3	4.54	17.6	17	13	720	5.96	2.03	1.61	13250	<1	
05SMP008	0.322	>100	1.88	>10000	120	0.6	177	2.97	419	20	3	>10000	9.84	0.69	1.07	27800	56	
05SMP009	0.031	51.5	2.96	225	170	0.5	<2	3.71	17.9	6	27	821	5.23	0.94	1.28	16450	1	
05SMP010	0.55	>100	2.87	4640	180	0.6	119	3.39	229	17	<1	>10000	9.89	1.06	1.27	28100	17	

Appendix 3. Part 2. Rock samples Assay Results

VA05053194 - Finalized																		
CLIENT : "TTB - Apex Geoscience Ltd."																		
# of SAMPLES : 57																		
DATE RECEIVED : 2005-07-05 DATE FINALIZED : 2005-07-19																		
PROJECT : " "																		
CERTIFICATE COMMENTS : ""																		
PO NUMBER : "99112"																		
	Au-AA23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
SAMPLE	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	
DESCRIPTIO	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	
05SMP011	0.023	29.8	6.09	120	470	0.8	3	4.72	13.6	18	19	387	5.47	2.28	1.68	9930	<1	
05SMP012	0.052	>100	5.99	475	400	0.9	3	0.18	30.9	19	8	2690	6.75	2.04	0.23	17450	7	
05SMP013	<0.005	1.4	7.1	31	460	1.1	<2	1.6	1.3	10	10	38	5.72	2.48	1.11	9380	<1	
05SMP014	0.329	>100	3.33	1645	110	0.5	36	3.79	132.5	22	2	>10000	11.05	1.22	1.5	23100	14	
05SMP015	0.756	>100	0.81	2240	50	<0.5	187	0.03	283	8	28	>10000	6.04	0.31	0.04	9510	27	
05SMP016	0.026	25.8	7.59	35	690	2.8	3	0.78	1.4	9	20	213	7.56	3.51	0.71	30400	3	
05SMP017	0.006	19.6	7.06	31	670	1	<2	0.12	1.6	4	27	213	1.57	1.41	0.13	257	<1	
05SMP018	<0.005	7.3	5.76	19	460	1	<2	0.16	1	3	3	109	2.83	1.46	0.07	15650	<1	
05SMP019	<0.005	3.5	8.83	38	140	1.7	3	0.46	<0.5	15	49	78	4.85	2.31	0.27	1155	1	
05SMP020	<0.005	1.1	8.24	<5	1160	1.3	<2	3.3	<0.5	15	6	37	4.43	1.81	0.48	1445	<1	
05SMP021	0.006	1.2	7.75	<5	270	1.3	<2	0.11	<0.5	9	54	17	6.29	3.72	0.34	499	2	
05SMP022	<0.005	<0.5	8.03	25	1220	1.3	<2	0.04	<0.5	3	4	17	1.52	2.25	0.13	328	<1	
05SMP023	<0.005	0.8	9.35	33	1140	1	<2	2.05	<0.5	10	61	25	4	1.66	1.1	485	<1	
05SMP024	<0.005	<0.5	8.09	<5	180	1.9	<2	1.44	<0.5	6	5	18	2.19	2.1	0.42	484	2	
05SMP025	0.006	1.3	6.65	49	470	0.6	<2	0.04	2	15	33	132	4.48	2.76	0.22	1765	<1	
05SMP026	<0.005	2	8.15	24	640	2.7	<2	2.84	5.5	18	11	15	5.37	3.64	0.73	2090	1	
05SMP027	0.01	1.4	2.56	39	220	<0.5	<2	2.71	4.1	7	92	21	6.99	1.11	0.87	6070	<1	
05SMP028	<0.005	0.6	8.24	16	180	0.8	<2	1.08	<0.5	10	33	14	4.97	1.45	0.15	1445	<1	

Appendix 3. Part 2. Rock samples Assay Results

VA05053194 -																
CLIENT : "TTE																
# of SAMPLES																
DATE RECEI\																
PROJECT : " "																
CERTIFICATE																
PO NUMBER																
	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Ag-AA62	Cu-AA62	Pb-AA62	Zn-AA62	Ag-GRA21
SAMPLE	Na	Ni	P	Pb	S	Sb	Sr	Ti	V	W	Zn	Ag	Cu	Pb	Zn	Ag
DESCRIPTIO	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm
05HCP001	0.02	5	240	26	0.04	19	153	0.09	20	<10	110					
05HCP002	0.46	8	100	15	0.02	<5	113	0.46	87	10	104					
05HCP003	2.36	13	1740	<2	0.12	<5	548	0.47	199	10	84					
05HCP004	0.04	4	280	3	0.17	<5	134	0.17	38	<10	118					
05HCP005	0.71	3	200	583	0.02	11	319	0.14	10	<10	387					
05HCP006	1.2	12	4970	3	0.13	<5	433	0.43	132	<10	103					
05HCP007	0.21	12	540	51	2.96	<5	168	0.16	83	<10	16					
05HCP008	0.07	4	580	17	1.24	<5	110	0.12	32	<10	75					
05HCP009	0.03	12	150	4510	6.38	375	40	0.03	21	20	1345	480	8.25			
05HCP010	0.09	6	70	>10000	0.34	154	43	0.09	19	<10	1725			1.24		
05HCP011	0.02	14	40	>10000	8.8	>10000	39	0.05	37	100	>10000	>1000	6.27	6.18	2.48	915
05HCP012	0.06	19	550	334	0.87	61	324	0.43	190	<10	178					
05HCP013	0.49	14	300	59	0.74	15	175	0.39	156	<10	173					
05HCP014	4.17	41	840	27	4.67	10	113	0.43	319	<10	216					
05HCP015	0.06	5	130	155	1.62	7	119	0.26	71	<10	428					
05BAP001	0.05	84	470	4970	>10.0	1370	234	0.12	170	<10	>10000		1.97		1.11	
05BAP002	0.07	15	330	414	1.11	34	347	0.38	156	<10	349					
05BAP003	0.07	22	1100	384	1.52	79	1025	0.47	209	<10	398					
05BAP004	0.09	21	1460	209	2.83	45	534	0.59	365	10	316					
05BAP005	0.07	7	400	36	0.02	<5	238	0.06	52	<10	1345					
05BAP006	0.05	3	1660	46	0.16	<5	1445	0.17	434	<10	55					
05BAP007	0.02	55	190	93	0.07	43	141	0.11	170	<10	667					
05KAP001	1.18	36	210	11	3.73	<5	107	0.33	124	<10	70					
05KAP002	3.4	87	260	31	0.93	7	92	0.37	324	10	163					
05KAP003	0.17	67	480	8	0.25	<5	95	0.45	161	<10	33					
05KAP004	0.04	10	520	5990	0.61	346	185	0.1	265	<10	4210					
05KAP005	0.06	16	210	2030	1.1	96	87	0.3	95	<10	1140					
05KAP006	0.04	16	190	216	0.15	17	105	0.37	452	<10	328					
05KAP007	0.05	14	170	5390	0.98	1180	221	0.15	106	<10	1735	193				
05SMP001	0.01	5	410	510	>10.0	52	48	0.06	251	190	356					
05SMP002	1.79	28	190	44	0.98	11	73	0.34	182	<10	82					
05SMP003	0.04	24	100	>10000	1.06	6880	233	0.17	231	<10	2270	>1000	1.32	2.59		1745
05SMP004	0.05	9	490	1885	1.09	196	176	0.33	221	<10	978					
05SMP005	0.05	6	130	1935	0.15	86	72	0.12	97	<10	237					
05SMP006	0.01	17	80	>10000	5.32	>10000	86	0.1	247	<10	>10000	>1000	6.77	11.05	1.26	6770
05SMP007	0.2	7	70	7680	2.39	492	104	0.31	80	<10	1295					
05SMP008	0.06	17	260	>10000	9.43	>10000	372	0.11	28	80	>10000	>1000	5.07	7.43	2.4	2710
05SMP009	0.16	3	30	>10000	1.37	423	64	0.12	42	<10	1370			3.65		
05SMP010	0.11	10	170	>10000	7.75	>10000	235	0.17	38	<10	>10000	>1000	4.07	5.55	1.08	3890

Appendix 3. Part 2. Rock samples Assay Results

VA05053194 -																
CLIENT : "TTE																
# of SAMPLES																
DATE RECEI\																
PROJECT : " "																
CERTIFICATE																
PO NUMBER																
	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Ag-AA62	Cu-AA62	Pb-AA62	Zn-AA62	Ag-GRA21
SAMPLE	Na	Ni	P	Pb	S	Sb	Sr	Ti	V	W	Zn	Ag	Cu	Pb	Zn	Ag
DESCRIPTIO	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm
05SMP011	0.21	10	90	3000	2.13	310	165	0.36	84	<10	1350					
05SMP012	0.2	12	80	>10000	3.19	1600	127	0.34	107	<10	2820	182		1.51		
05SMP013	0.3	4	1220	396	0.48	28	492	0.47	45	<10	536					
05SMP014	0.11	13	50	>10000	8.53	8090	74	0.16	50	<10	5560	>1000	1.22	9.37		1075
05SMP015	0.01	9	20	>10000	9.76	>10000	25	0.03	83	<10	>10000	>1000	2.7	>30.0	1.01	2550
05SMP016	0.04	8	1340	2370	1.53	186	31	0.24	107	<10	275					
05SMP017	0.04	4	50	3650	0.09	135	50	0.48	66	<10	139					
05SMP018	0.41	1	870	1460	0.02	57	256	0.17	16	<10	298					
05SMP019	0.59	14	1370	615	2.67	26	72	0.34	101	<10	109					
05SMP020	3.32	10	1160	112	0.02	10	499	0.35	124	<10	87					
05SMP021	0.05	5	750	194	2.38	11	68	0.14	42	<10	132					
05SMP022	1.92	3	480	34	0.01	6	494	0.15	28	<10	49					
05SMP023	2.99	10	780	108	0.11	9	352	0.5	148	<10	52					
05SMP024	2.53	3	630	45	1.86	6	462	0.16	39	<10	113					
05SMP025	0.1	3	150	116	0.27	16	44	0.31	49	<10	504					
05SMP026	0.1	11	1590	293	2.17	10	80	0.3	127	<10	949					
05SMP027	0.04	3	1140	176	4.42	9	58	0.1	21	<10	522					
05SMP028	0.08	7	260	34	0.02	14	114	0.44	133	<10	136					

APPENDIX 4

Stream Sediments Descriptions and Locations

Appendix 4. Stream Sediments Descriptions and Locations

Sample Number	Easting	Northing	NTS	Datum	Date Sampled	Sampler Initials	Property	Grain Size	Relief	Description
05JMH001	640812	6132303	9U	NAD 83	1-Jul-05	JM	PEAK	Minus 2 mm	Stream/Creek	
05JMH002	640950	6132366	9U	NAD 83	1-Jul-05	JM	PEAK	Minus 2 mm	Stream/Creek	
05JMH003	641101	6132415	9U	NAD 83	1-Jul-05	JM	PEAK	Minus 2 mm	Stream/Creek	
05JMH004	641136	6132640	9U	NAD 83	1-Jul-05	JM	PEAK	Minus 2 mm	Stream/Creek	
05JMH005	641173	6132844	9U	NAD 83	1-Jul-05	JM	PEAK	Minus 2 mm	Stream/Creek	
05JMH006	640944	6132943	9U	NAD 83	1-Jul-05	JM	PEAK	Minus 2 mm	Stream/Creek	
05KAH001	640062	6134716	9U	NAD83	03/07/05	KA	Peak	-2mm	stream	meandering stream (cut bank, thalwag) w/n a bog, 15cm water depth, medium to fine grained sediment light brown to red in colour, pebble to granule size sediment in stream
05KAH002	640290	6134724	9U	NAD83	03/07/05	KA	Peak	-2mm	stream	fast stream 200m west of waterfalls, centre of stream w/ coarse grained angular sediment, fast current no sample taken, coarse grained sediment was a light brown orange, cobble to granule
05KAH003	640473	6134667	9U	NAD83	03/07/05	KA	Peak	-2mm	stream	water was flowing down elevation pools and little waterfalls, downstream from conglomerate outcrops (thicker beds 200m upstream) 15-20cm water depth, some large boulder (0.5 to 1m size boulders), no clay sample taken too fast of stream, the sediment was a redish-brown colour.
05KAH004	640667	6134680	9U	NAD83	03/07/05	KA	Peak	-2mm	stream	meandering stream downhill sampled at the bottom of mini-falls, course grained sediment, cobble to granule, some small boulders, 30cm water depth, medium brown to slight red in colour, medium flow rate
05KAH005	640873	6134691	9U	NAD83	03/07/05	KA	Peak	-2mm	stream	meandering stream, coarse grained sediments w/ boulders approximatly 0.5m in size, 30 cm depth, fast flowing rate, sediments are redish to brownish in colour, no clay sample taken
05KAH006	641055	6134800	9U	NAD83	03/07/05	KA	Peak	-2mm	stream	meandering stream before mini waterfalls made by a log, coarse grained sediment w/ a cobble 0.3 x 0.3m, depth 10-20cm, redish dark brown colour, medium flow rate
05KAH007	641109	6134315	9U	NAD83	03/07/05	KA	Peak	-2mm	stream	meandering stream, slow flow, organic rich, surrounded by moss, cobbles, no boulders, coarse grained, water depths of 10-20cm, dark brown colour, no clay
05KAH008	640923	6134322	9U	NAD83	03/07/05	KA	Peak	-2mm	stream	meandering stream, medium flow, mostly cobbles some boulders, coarse grained sediment, organic rich, surrounded by moss and other vegetation,
05KAH009	640690	6134351	9U	NAD83	03/07/05	KA	Peak	-2mm	stream	meandering stream, low flow, 20cm water depth, organics, light-med brown sediment, outcrop nearby, angular rock fragments, pebbles to cobbles, organic matter (tree trunks etc) in creek, sm. Angular boulder (20cm size)
05KAH010	640666	6134356	9U	NAD83	03/07/05	KA	Peak	-2mm	stream	meandering stream, medium flow, 10cm depth, lots of organics surrounding the stream, pebbles and cobbles, no large boulders (coarse grained) tree roots in stream, light-medium brown colour sediments
05KAH011	642615	6134558	9U	NAD83	04/07/05	KA	Peak	-2mm	stream	meandering stream w/ tree trunks of dead trees in 4 across the stream, extremely vegetated on bank. Cobbles, pebbles and 4 large boulders in stream - many moss covered. 5cm water depth. Sediment colour was light brown with a slight orange. Fast flowing stream
05KAH012	642401	6134520	9U	NAD83	04/07/05	KA	Peak	-2mm	stream	meandering stream w/ tree trunks, moss and other vegetation in the stream, lots of organics in the water. Cobbles, pebbles and large boulders (30-50cm). 10cm water depth. Sediment colour was light brown with a slight rust colour orange. Fast flowing stream.

Appendix 4. Stream Sediments Descriptions and Locations

Sample Number	Easting	Northing	NTS	Datum	Date Sampled	Sampler Initials	Property	Grain Size	Relief	Description
05KAH013	642161	6134400	9U	NAD83	04/07/05	KA	Peak	-2mm	stream	no clay sample taken, sample of sed. Taken from S side inb/w boulders. Meandering stream with fast flow. Small boulders, many cobbles and few organic materials (tree trunks). 10cm water depth. Medium to light brown in colour with rusty hue.
05KAH014	642176	6134811	9U	NAD83	04/07/05	KA	Peak	-2mm	stream	meandering stream at point where the stream splits for 10m and then rejoins in a part that is slow flowing, but the stream is fast flowing. 6-8cm water depth. Brown colour with orange hue. Organics in sample (soil) very fine organic-rich sed. Site surrounded by vegetation and fallen logs. Pebbles cobbles, no big boulders.
05KAH015	642372	6134742	9U	NAD83	04/07/05	KA	Peak	-2mm	stream	meandering stream with fallen moss covered logs- creating mini-waterfalls and pools. Sample site located in a pool b/w 2 mini waterfalls. Stream is surrounded by vegetation, 10cm water depth. Sed contains very few organics, brown with rusty hue. Cobbles, pebbles and a few boulders (approx. 20cm)
05KAH016	642620	6134635	9U	NAD83	04/07/05	KA	Peak	-2mm	stream	meandering stream surrounded by vegetation and fallen logs in the stream. Cobbles, pebbles and large boulders. 20cm water depth. Sample taken in pool between 2 mini waterfallls containing large boulders. Fast flowing stream. Sed was light brown with rusty hue.
05KAH017	642806	6134588	9U	NAD83	04/07/05	KA	Peak	-2mm	stream	meandering stream surrounded by vegetation and fallen logs above and within the stream. Cobbles, pebbles and large boulders (1-2m in size within stream creating mini waterfalls. 15cm water depth. Sample taken on landing between 2 mini waterfallls. Fast flowing stream with lots of vegetation in the water. Sed was light brown with rusty hue.

APPENDIX 5

Silt Samples Descriptions and Locations

Appendix 5. Silt Samples Descriptions and Locations

Sample Number	Easting	Northing	NTS	Datum	Date Sampled	Sampler Initials	Property	Lithology	Grain Size	Relief	Description
05JMS001	640950	6132366	9U	NAD 83	1-Jul-05	JM	PEAK	N/A	Minus 2 mm		
05KAS001	640062	6134716	9U	NAD83	03/07/05	KA	Peak		clay/silt	stream	same location as 05KAH001, clay was a dark brown colour with organics, taken above water line
05KAS002	640667	6134680	9U	NAD83	03/07/05	KA	Peak		clay/silt	stream	red brown clay with some organics, same location as 05KAH004
05KAS003	641055	6134800	9U	NAD83	03/07/05	KA	Peak		clay/silt	stream	fine grained brown silt, same location as 05KAH006, some organics

APPENDIX 6

Report on Mapping Program

Peak property, Grizzly Diamonds
Smithers, British Columbia

Report on mapping program, conducted by Tanya Matveeva, in the period June 28th-July 7th, 2005

Apex Geoscience Ltd.
Edmonton, Alberta

Ute trench mapping

Ute vein trench, E end, N wall. **Ute vein trench, E end, S wall.**

I started mapping from the main trench on the Ute vein. General observation – there is often big difference in rock types and structure between N wall of the trench and S wall of the trench, so I agree with previous geologists, who mapped a structure straddling EW, but I can not say which way the displacement occurred. North wall of the trench mainly is composed of interlayered beds of medium grained lithoclastic tuffs and fine grained tuffs (or possibly argillites?), mostly maroon colour, strike generally 50-70NE, dipping north-west at shallow angles. All rocks are altered and weathered, with limonite and calcite developing along fracture surfaces. Multiple slicken sides with calcite were observed on both sides of the trench. Dip and strike vary within the trench, some obvious fault surfaces were mapped, parallel to vein/trench, and also cross-cutting.

Ute vein trench, W end, South wall. **Ute vein trench, W end, North wall.** **Vein, cross-cutting Ute vein in the N wall of the trench**

This part of the trench is much wider than the rest of it, the vein in photo on the right is the vein cross-cutting Ute vein, straddling more or less NS, so I believe there is a NS fault, cross-cutting EW Ute fault in this location.

West end of the trench contains unusual rock unit, which we called breccia – lithic angular clasts up to 3cm, clast-supported

Ute vein W end, breccia.

Outcrops immediately north of the trench show similar rock types as rocks hosting Ute vein and seem to have same strike and dip as the rocks on the North side of the trench.

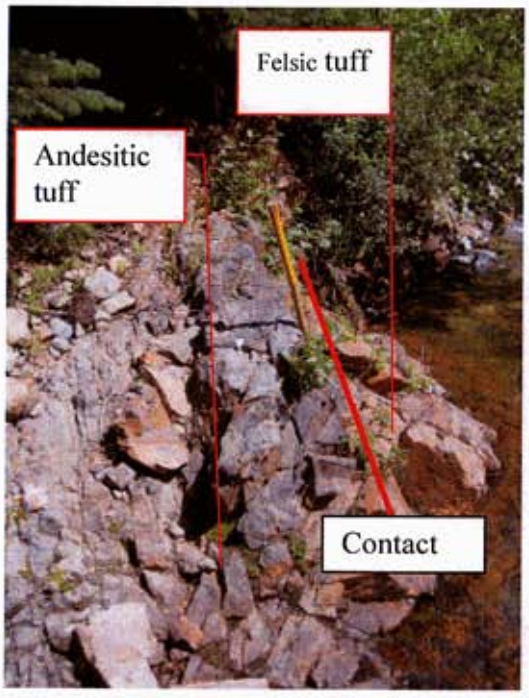
Rio vein area and area immediately west of Ute vein

Outcrop in this area is sparse, mainly small outcrops are found in the old trenches, pits or road cuts. Only one measurement of strike was made, and many descriptions of rock types were made from such small outcrops, that I can not guarantee that they are not big boulders. There are tuff beds of maroon colour, similar to the area of Ute vein, but also there are outcrops of dark green, medium grained lithoclastic andesitic tuff, which is also described in drillholes and outcrops in previous property reports. Immediately next to this outcrop is the outcrop of amygdaloidal felsic(?) tuffs/flows, with amigdules filled with chlorite and quartz. I think it is important to understand the origin of these rocks, since it can give us insight on whether they were deposited subaerially of subaqueously – the texture is quite prominent, and if it is a flow, than I can imagine that subaqueously we can have amygdules, but if it is tuff, I think it must have been deposited very quickly and subaerially.

Another interesting feature of area west of Ute, is the outcrop, where muscovite phenocrysts are found in rock of rhyolitic/dacitic composition. Perfectly shaped muscovite crystal, though replaced by chlorite, was found by Justin. Smaller muscovite crystals were described in the same outcrop. I suggest that rock that hosts muscovite might be shallow intrusive/dyke, which might mean proximity to rhyolite dome.

Tsezakwa creek outcrop

On July 1st we went on a traverse to take stream sediment samples and map outcrops along the tribute of Tsezakwa creek and Tsezakwa creek, about 1km south of Hematite showing. It was a very difficult crawl through the woods, but it was worth it – we found a very good outcrop of andesitic tuff and flow (?) unit, both upper and lower contacts with fine to medium grained maroon felsic tuffs exposed in the north bank of Tsezakwa creek. To my knowledge, this outcrop was not described in previous reports.

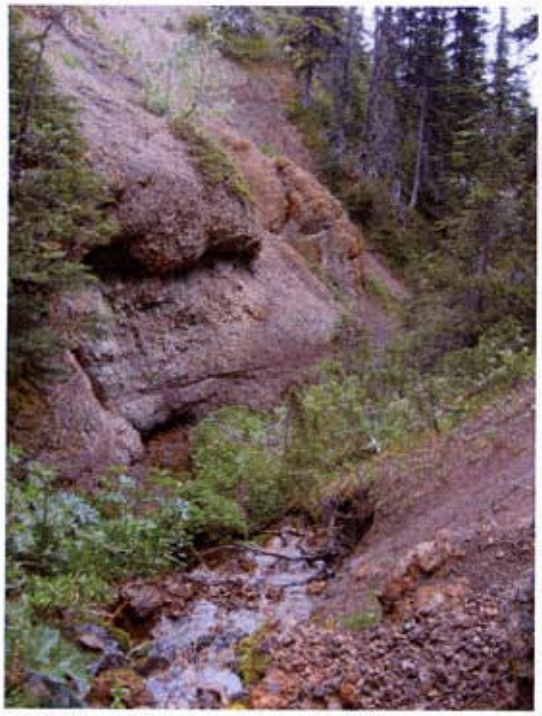


Contact between fine to medium grained felsic maroon tuffs and dark green lithic andesitic tuffs in the N bank of Tsezakwa creek. Photo is taken facing east.

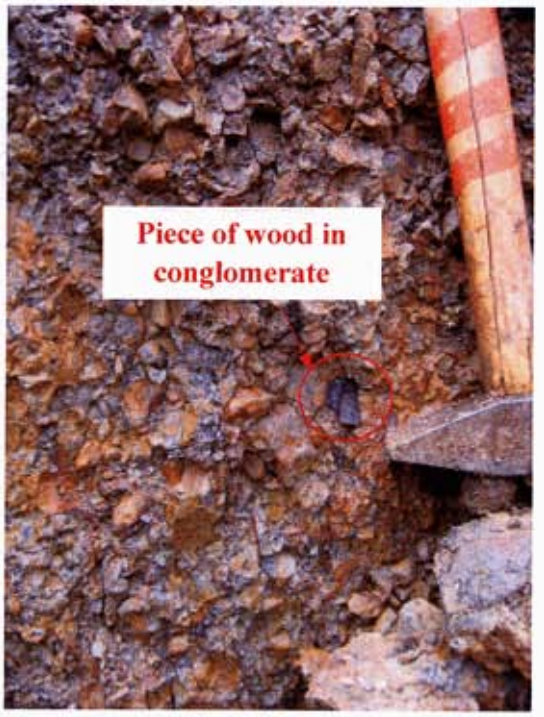
Difficult way back up the creek from the outcrop.

Traverse along two creeks North of Ute vein

Best outcrop on this traverse was in the very West end of the northern creek, where massive layer of conglomerate is exposed along both banks of the creek. Conglomerate layer is at least 10m thick. Dip varies along the creek from subhorizontal, to shallow dip to the north, west and east.

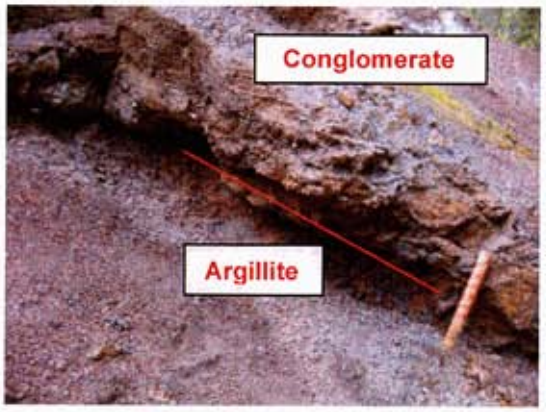


Subhorisontal bedding, N side of the creek.

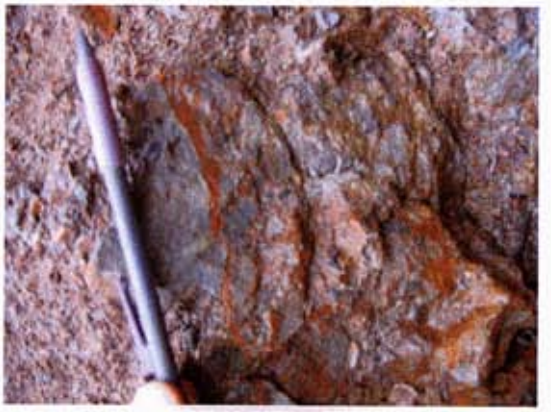


Poorly cemented conglomerate.

Conglomerate is very coarse, unsorted, poorly cemented, and in one boulder we saw Pyrite/Chalcopyrite(?) mineralization in conglomerate. There are pieces of burned wood in conglomerate. Multiple crosscutting limonite/hematite veinlets were observed.



Contact between conglomerate and argillite, dip to the north, S bank of the creek. Photo taken facing W.



Hematite/limonite veins crosscut conglomerate.

Conglomerate is conformably overlaid by a layer (at least 1m thick) of matrix supported tuff with chloritised angular clasts diameter up to 5mm. – sample 05TMM028-1. Further along the traverse, we have seen similar tuffs in the creek bed outcrop - stop 05TMM030.

Outcrop in the creek bed 05TMM030 – matrix supported tuff with chloritised angular clasts.

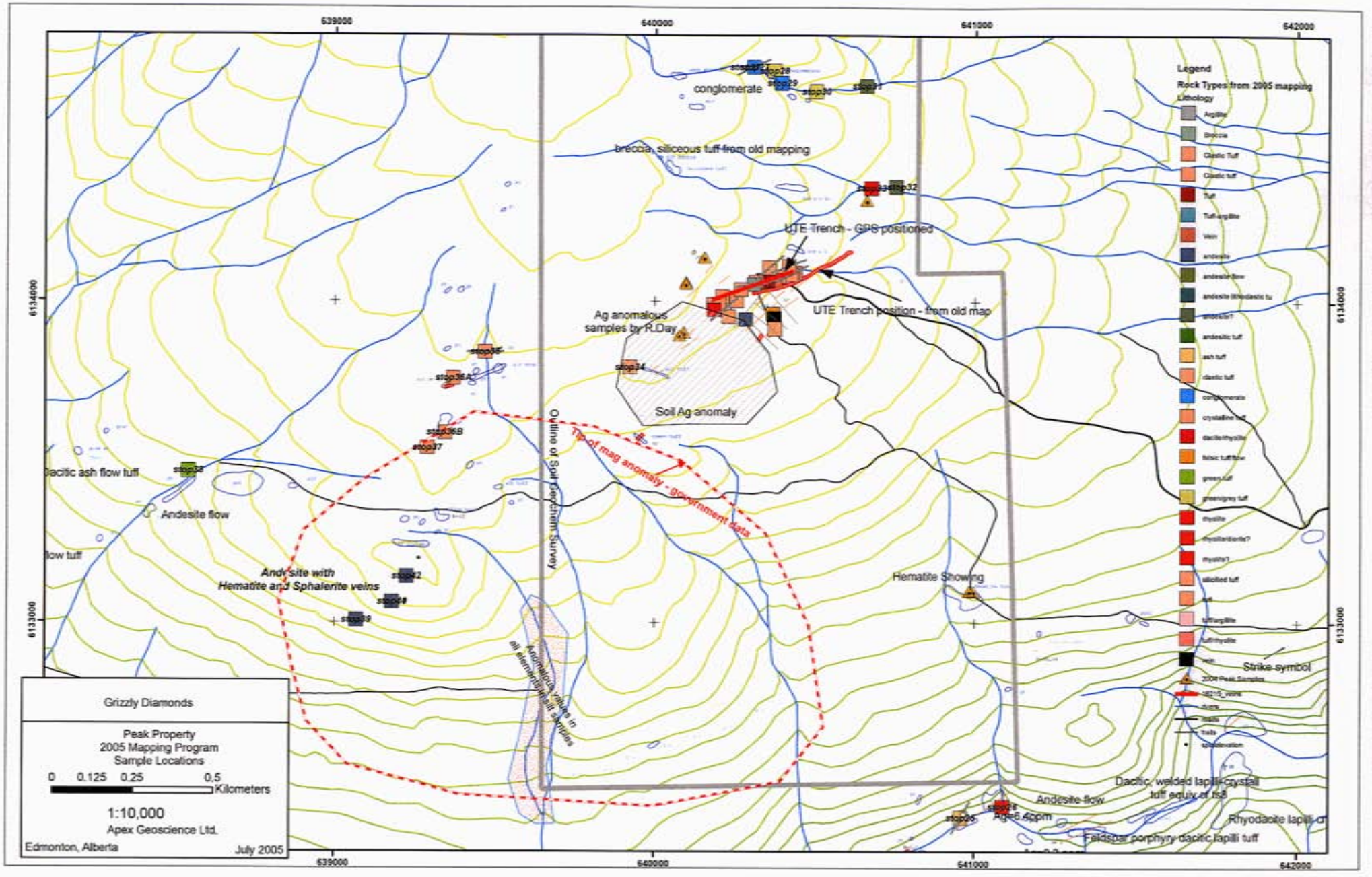
Further down the northern creek at stop 05TMM031 we found the outcrop/boulder(?) andesitic tuff (?) with white-pinkish Pl (or possibly KFeldspar) crystals up to 5mm diameter, euhedral colourless elongated Pl crystals up to 1mm, in finegrained chloritised matrix. Calcite develops in microveinlets and forms little (up to 1mm) blobs, so the whole surface to the rock is quite fizzy with HCl. I have not seen this rock type anywhere else.

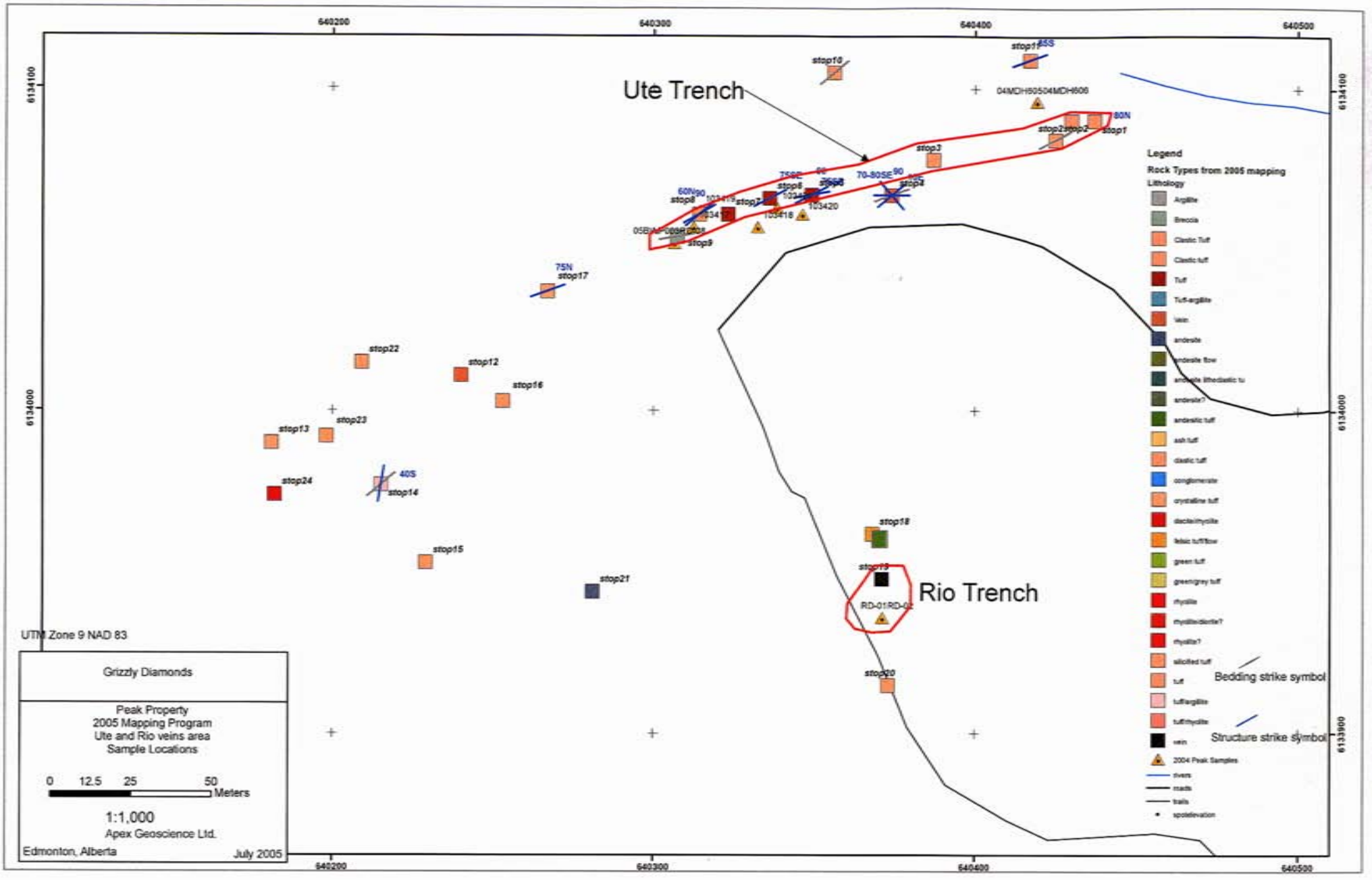
On the way back to Ute trench we found felsic maroon tuffs, similar to the ones described in the Ute vein area.

Traverse west and south of Ute vein

The aim of this traverse was to find some of the outcrops, shown on the map from previous report and sample if we can find some mineralization.

West along strike of Ute trench we found two outcrops of crystalline maroon tuffs, similar to the one in the main trench. We than went south and south west, moving along a small creek. In the creekbed there were outcrops of maroon fine grained tuffs. After wandering in the rain through very wet forest without any outcrop, we turned back east and north, and there we found few good outcrops of massive andesite flows/tuffs, with hematite and sphalerite mineralization in veins – stop 05TMM041.


639000
640000
641000
642000
6134000
6133000
conglomerate
breccia, siliceous tuff from old mapping
UTE Trench - GPS positioned
UTE Trench position - from old map
Ag anomalous samples by R.Day
Soil Ag anomaly
Outline of Soil Geochem Survey
Tripot mag anomaly - government data
Anomalous values in all elements in soil samples
Hematite Showing
Andesite with Hematite and Sphalerite veins
Dacitic ash flow tuff
Andesite flow
Andesite flow
Dacitic welded lapilli-crystal tuff equiv of Is8
Ag=6.4ppm
Feldspar porphyry dacitic lapilli tuff
Rhyodacite lapilli cr
Strike symbol
Legend
Rock Types from 2005 mapping
Lithology
Grizzly Diamonds
Peak Property
2005 Mapping Program
Sample Locations
0 0.125 0.25 0.5 Kilometers
1:10,000
Apex Geoscience Ltd.
Edmonton, Alberta
July 2005


Ute Trench
Rio Trench
640200
640300
640400
640500
6134100
6134000
6133900
stop1
stop2
stop3
stop4
stop5
stop6
stop7
stop8
stop9
stop10
stop11
stop12
stop13
stop14
stop15
stop16
stop17
stop18
stop19
stop20
stop21
stop22
stop23
stop24
04MDH60504MDH606
RD-01RD-02
123418
123419
123420
60N
75N
40S
65S
75SE
70-80SE
Legend
Rock Types from 2005 mapping
Lithology
Argillite
Breccia
Clastic Tuff
Clastic tuff
Tuff
Tuff-argillite
vein
andesite
andesite flow
andesite lithoclastic tu
andesite?
andesitic tuff
ash tuff
clastic tuff
conglomerate
crystalline tuff
dacite/rhyolite
felsic tuff/flow
green tuff
green/grey tuff
rhyolite
rhyolite/dacite?
rhyolite?
silicified tuff
tuff
tuff/argillite
tuff/rhyolite
vein
2004 Peak Samples
rivers
roads
trails
spotelevation
Bedding strike symbol
Structure strike symbol
UTM Zone 9 NAD 83
Grizzly Diamonds
Peak Property
2005 Mapping Program
Ute and Rio veins area
Sample Locations
0 12.5 25 50 Meters
1:1,000
Apex Geoscience Ltd.
Edmonton, Alberta
July 2005

Suggestions:

1. Geochemical data from the 1981 soil survey have to be properly digitized: create shape file with sample locations and values for all elements. After that modeling of zoning of anomalous values can be done, to prove the existence of mineralized system in the area. This data should be overlain on regional magnetic survey image – at least for now, it seems that geophysical and geochemical anomalies coincide.
2. Fig. 3 from 16824 report needs to be scanned, referenced and all sample description digitized.
3. Existing sample locations, descriptions and assay values from all reports have to be digitized properly as shape files.
4. Airphotos should be used to assist mapping

Cost Item	Description	Amount
Rental Equipment	Differential GPS	2,180.00
	Radios	468.72
	Vehicles (Trucks, Quads, Trailers)	7,550.16
		10,198.88
Couriers and Sample Shipping		842.04
		842.04
Field Supplies	Sampling and Safety Equipment	2,366.67
		2,366.67
Transportation	Personal Mileage Incurred	281.99
	Bus and Taxi Fares to Office	111.84
	Airfares, Taxis, Buses to Field	1,496.02
	Fuel	1,764.82
	Vehicle Washing	20.00
		3,674.67
Travel Sustenance	Meals	2,017.08
	Accomodation	6,291.74
	Long Distancve	11.67
		8,320.49
Administrative Costs	Direct Administrative	51.86
	Bank Charges	4.50
	Clerical	652.00
		708.36
Data Compilation	Reproduction Costs	186.29
	Data Purchase (TRIM, Topo, Airphotos)	3,530.93
		3,717.22
Wages	APEX Principals Directly Involved	8,820.00
	Office wages (Preparation for Field)	13,649.55
	Field Wages	35,330.00
		57,799.55
Assaying Costs	Assays and Sample Storage	7,947.48
		7,947.48
Total Expenditures*		**$95,575.36**

*excluding GST

APPENDIX 7

2005 Exploration Expenditures

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