A GEOLOGICAL REPORT

ON THE

MIYA (EMERALD GLACIER) PROPERTY

OMINECA MINING DIVISION, BRITISH COLUMBIA

NTS 093E/11E, 11W

53° 44’ 45” N
127° 16’ 2” W

FOR

LOWPROFILE VENTURES LTD.

EVENT#: 4253358

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1. SUMMARY

A modest bedrock mapping program was conducted during six days in July and August, 2008, over limited areas of the Miya property. The Miya property is located in the Omineca Mining Division, 120 kilometres south of Houston in west-central British Columbia. Access to the centre of the property is provided by the old Emerald Glacier mine 4-wheel drive road. The property is comprised of one MTO claim that covers 726.65 hectares of land near Mt. Sweeney within NTS map sheets 93E/11E and 11W. The program was carried out under the direction of Bob Lane (PGeo) of Allnorth Consultants Limited. The purpose of the short program was to map the bedrock and determine areas for follow-up exploration.

The property includes the historic Emerald Glacier mine, which operated intermittently between 1951 and 1968, producing 83,493 ounces of silver, 49 ounces of gold, 1,966,396 pounds of zinc, 1,689,449 pounds of lead, 19,872 pounds of copper and 3,713 pounds of cadmium from the milling of 8293 tonnes of ore. Mineralization consists primarily of a discrete quartz-sulphide vein system that occupies north-trending, steeply east and west-dipping structures. The veins can be quartz-dominated or be comprised of semi-massive to massive sulphide minerals that display crudely banded textures. Sulphide minerals consist primarily of sphalerite, galena and chalcopyrite with lesser pyrite. Locally, quartz-sulphide stockwork zones cut the main vein systems. The vein system is intermittently exposed in several zones over a total strike length of approximately 850 m.

Bedrock on the property consists primarily of marine sedimentary rocks, including lithic sandstone, feldspathic sandstone, greywacke and conglomerate of the Bajocian Ashman Formation of the Middle Jurassic Bowser Lake Group. They are in fault contact with intermediate volcanic rocks of the Telkwa Foramtion of the Lower Jurassic Hazelton Group. Regionally significant granitic intrusions of the Late Cretaceous Bulkley intrusive suite cut the stratified rocks north of the central area of interest. Lavas and related rocks of the Lower Cretaceous Skeena Group occur locally.

The program was curtailed by a lack of adequate funding and thus only limited mapping and sampling was completed. However, existing data from historic as well as recent exploration efforts suggest that the Miya property hosts a significant polymetallic vein system that warrants systematic exploration. Areas of the property underlain by the more brittle Ashman siliciclastic rocks, primarily east of the Main vein, have potential to host well-mineralized vein/shear zones that may be hidden under cover.

A program consisting of further detailed surface and underground mapping, sampling, and close-spaced drilling from surface and underground, is recommended to upgrade the property's historic resource to NI 43-101 standards. The estimated cost of the program is between $350,000 and $400,000.

2. INTRODUCTION AND TERMS OF REFERENCE

Lowprofile Ventures Ltd (Lowprofile) contracted Allnorth Consultants Limited to conduct a property-scale bedrock mapping and sampling program over selected areas of the Miya property.

It is understood that this report may be required for material disclosure. Prior to the field visit the author acquired and reviewed the historical information including published and unpublished reports and personal files summarizing previous exploration work on the property.

This report is supplemented by published and available studies that document bedrock mapping and geological fieldwork conducted by the Geological Survey Branch of the provincial British Columbia Ministry of Energy, Mines & Petroleum Resources.

3. PROPERTY DESCRIPTION AND LOCATION

3.1 Accessibility and Infrastructure

The Miya property is located in the Omineca Mining Division, 120 kilometres south of Houston, in west-central British Columbia. The property is accessible via road or by helicopter and requires 4 wheel drive to ascend the old Emerald Glacier mine access road to the centre of the property.

To access the property by road, travel west of Houston on Highway 16 for approximately 4.5 km and turn left onto the Morice River Forest Service Road (FSR). Travel on the Morice River FSR for 56.5 km. Turn right on the Morice Owen FSR, at 56.5 km, and travel to 113 km marker. Turn right onto the old Alcan access road to the 44 km marker. At 44 km, turn right onto the old Emerald Glacier Mine access road and travel approximately 8 km, climbing above the tree line to the centre of the property. The active Huckleberry open pit copper-molybdenum mine is located 3 km further along the Morice Owen FSR.

Helicopter access is available via numerous charter companies based in Houston or Smithers, BC. Smithers and Houston are each situated along Highway 16 and can provide most services and supplies required for field work.

3.2 Mineral Tenure Information

The Miya property is comprised of mineral tenure 549203. The property covers 726.65 hectares of land within NTS map sheets 93E/11E and 11W. The centre of the mineral tenure is approximately 54°44’45” North and 127°16’2” West. This property is 100%-owned by Lowprofile Ventures Limited and has an anniversary date of December 30, 2008. The field work completed in 2008 has been recorded with the Mineral Titles Branch and the *Good To Date* for the Miya property will be extended to December 30 2013, pending acceptance of this assessment report.

3.3 Physiography and Climate

The Miya property lies within the Nechako Plateau physiographic region of central British Columbia (Holland, 1976). The property is located in the Sibola Range and is centred immediately southeast of Mt. Sweeney.

The local terrain is characterized by rugged peaks, steep U-shaped valleys and alpine plateaus. Elevations range from 1588 m asl in the southern part of the property to 2158 m at the centre / northwest portions of the property. The most notable topographic feature on the property area is the Emerald Glacier ice field at approximately 2040 m. Ice and snow fields remain year-round at higher elevations and in numerous canyons and depressions, and serve as headwaters for a local small lake and a few streams.

The area is composed primarily of alpine meadows, barren rock, lichen, moss and sub-alpine to alpine plant communities. Natural bedrock exposures are typically found on the peaks and side slopes of the higher topographical features with talus fields covering the lower portions of the slope.

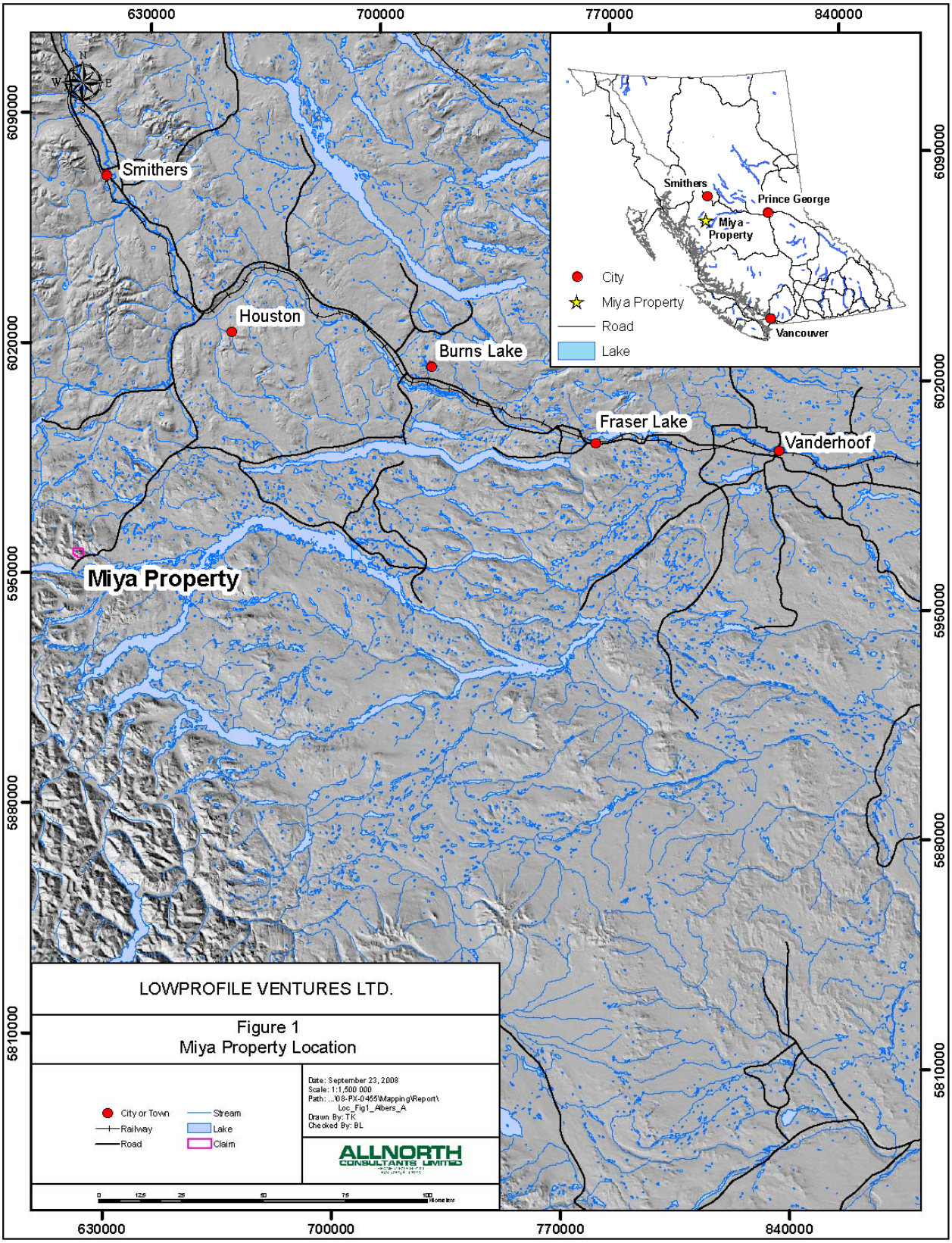


Figure 1. Miya Property Location.

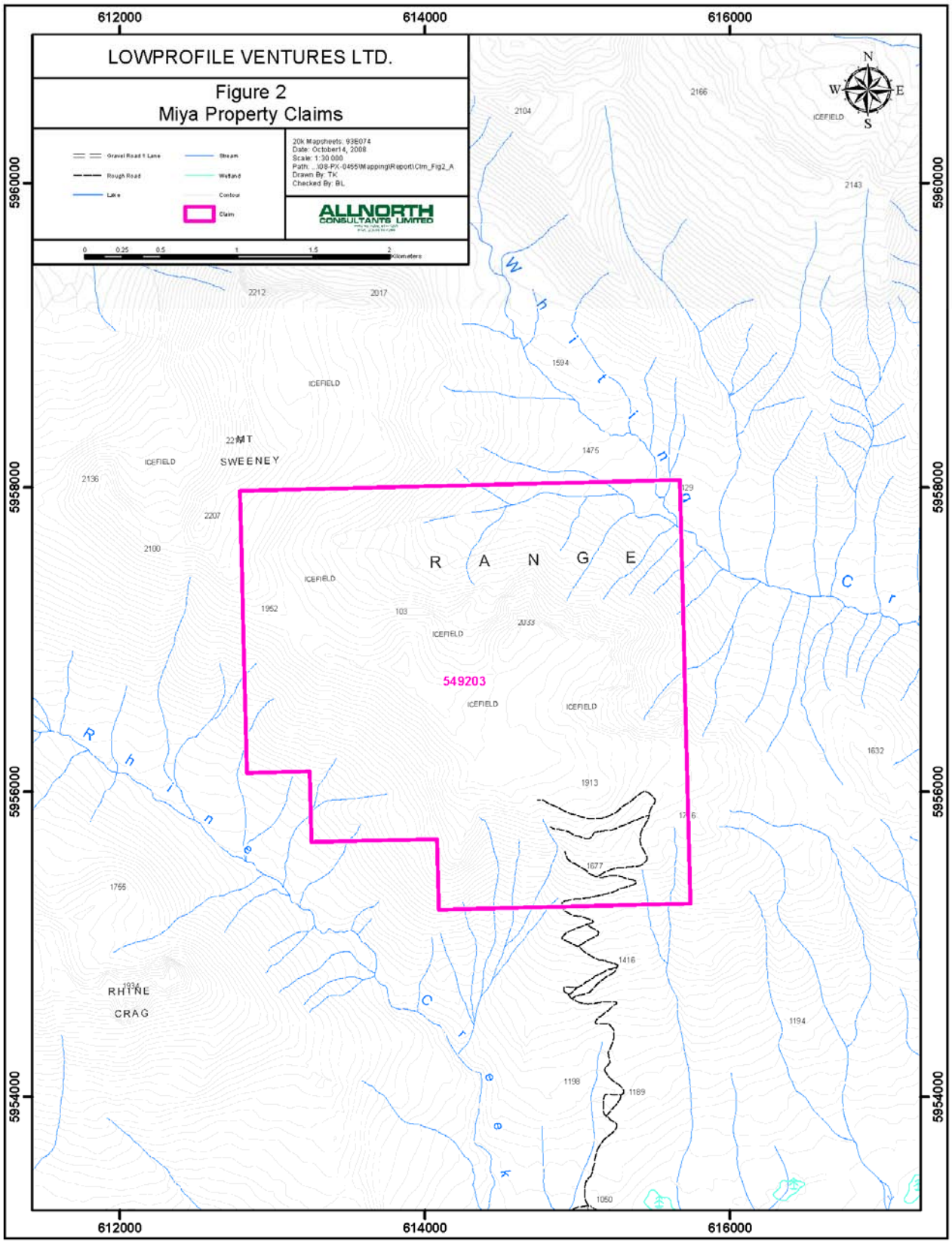


Figure 2. Miya Property Mineral Tenure.

Surface exploration is generally restricted to the summer months, mid-July to mid-September, after which snow squalls, white-outs and wind storms may occur. The climate is typical of the Northern Interior of British Columbia. Summer temperatures average a daytime high in the 20°C range with occasional temperatures reaching the low 30°C range. October through April sees average sub-zero temperatures with extreme lows reaching -30°C from November through March. Annual precipitation, including winter snowfall, averages 50 cm.

4. HISTORY

The area covered by the Miya property, which includes the historic Emerald Glacier mine, has been the subject of exploration and small scale development since it was initially staked in 1915 by W.J. Sweeny, D.J. Bensen and F. Madigan. Underground development took place on four levels (6400, 6275, 6000 and 5400 levels) and the mine operated intermittently from 1951 to 1968, producing 83,493 ounces of silver, 49 ounces of gold, 1,966,396 pounds of zinc, 1,689,449 pounds of lead, 19,872 pounds of copper and 3,713 pounds of cadmium from the milling of 8293 tonnes of ore (MINFILE). Only modest surface exploration has taken place since the the last underground work was completed in 1971. A summary of previous work on the property is listed in Table 1.

Table 1. Summary of Previous Work

Year	**Exploration Activities** (summarized from Ogryzlo, 2004)
1915	Property staked by W.J. Sweeney, D.J. Benson and F. Madigan. Main vein exposed.
1917	James Cronin leased the property; the Main vein is traced for 450 m with silver and lead values.
1919	6400 level adit collared and underground advanced 37 metres. No significant Ag and Cu values were encountered and the property option was dropped.
1927	Consolidated Mining and Smelting Co. Ltd. optioned the property.
1928 to 1931	Consolidated Mining and Smelting advance the 6400 adit and collar the 6000 and 5400 adits. Lower level crosscuts were also added at this time. The option was dropped in 1931 and lay dormant until 1951.
1951	Emerald Glacier Mines Ltd. re-opened the 6400 level adit and completed 120 m of drifting and crosscutting, 45 m of raising and 330 m of diamond drilling. A total of 1542 tonnes of ore were mined, trucked 160 km to Burns Lake, and transported to Nelson, BC for processing.
1952	Emerald Glacier Mines produced 2640 tonnes of ore, completed 90 m of drifting and 14 m of crosscutting on the 6400 level, and completed 198 m of drifting, 140 m of crosscutting and 985 m of diamond drilling on the 6000 level.
1953	Eleven tonnes of zinc-rich ore were shipped before mine closed due to ownership difficulties. The ore averaged 2.7 g/t Au, 510 g/t Ag, 55% Zn and 12% Pb.
1966	M. Robertson acquired the property, expanded the boundary and installed a 68 tonne/day mill and new camp. Approximately 360 t of ore were mined from the backs of the Main vein on the 6400 level and milled, producing 120 t of concentrate. This concentrate was shipped to Trail and gave a net smelter return of $9,097.

1967-1968	A total of 3778 t or ore was mined and milled; operations ceased following the 1968 seasonal shut-down.
1970-1971	The 6275 level was advanced and a limited amount of stoping was completed. A raise was driven from the back of the 6275 level to intersect the adit drift on the 6400 level.
1981	Ryan Exploration Company Ltd staked the Crag claim to encompass the reverted crown grants of the inactive Emerald Glacier mine. Geological mapping suggested that the property covers a favourable environment for the formation of "Kuroko-type" VMS mineralization.
2003	G. Thompson (Lowprofile Ventures Ltd) acquired the property and conducted 1.5 line-km of VLF-EM geophysical survey. Prospecting and reconnaissance outcrop sampling by Thompson and Ogryzlo re-located the Roymac, Rhine View, Glacier Bluff and Grandview zones. Sampling of these zones and of surface showings at the Emerald Glacier mine workings returned anomalous gold grades of up 9.66 g/t Au in grab samples.

5. GEOLOGICAL SETTING

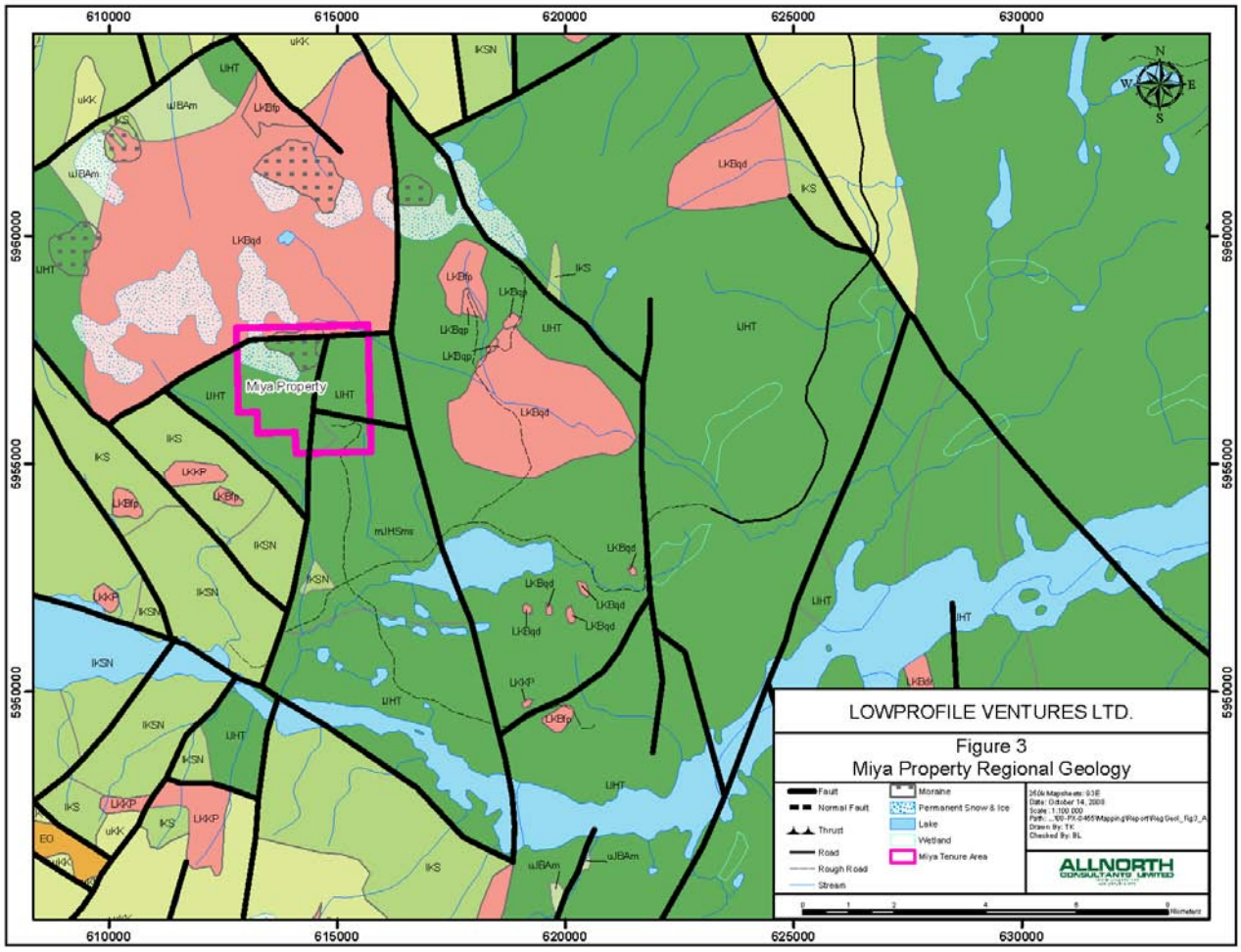
5.1 Regional Setting

The Miya property is located north of Tahtsa Reach in the Whitesail map area (NTS 093E), within the Stikine Terrane of the Intermontane tectonic belt. The area north of Tahtsa Reach is underlain primarily by subaerial to submarine calcalkaline island-arc volcanic and related sedimentary rocks of the Lower to Middle Jurassic Hazleton Group, fossiliferous siliciclastic basinal sedimentary rocks of the Middle Jurassic Bowser Lake Group, and volcanic and clastic marine strata of the Lower Cretaceous Skeena Group (MacIntyre et al, 1994).

Plutonic rocks in the area consist of variably sized stocks ascribed to the Bulkley Plutonic Suite and Kasalka Plutonic suite, both of Late Cretaceous age.

The Hazleton Group is further divided into the Telkwa, Nilkitkwa and Smithers formations. The most extensive and oldest formation, the Telkwa, is comprised of green and maroon, submarine and subaerial pyroclastic and lava flow volcanic rocks which are andesitic to rhyolitic in composition. The Telkwa formation is Sinemurian to Pleinsbachian in age and is separated into 4 mappable units within the Babine and Telkwa ranges (MacIntyre and Tercier, 1989), consisting of 1) an upper siliceous pyroclastic facies, 2) a basalt flow and red tuff facies, 3) an andesite pyroclastic facies, and 4) a basal conglomerate. Marine sedimentary and submarine volcanics of Pliensbachian to Lower Toarcian Nilkitwa Formation overlie the Telkwa Formation. The Nilkitwa Formation is also separated into 4 mapable units; 1) thin bedded argillite, chert and limestone; 2) tuffaceous conglomerate, cherty tuff and siltstone; 3) rhyolitic volcanic rocks, and; 4) amygdaloidal andesite or basalt flows interbedded with red epiclastics.

The overall regional geology, surrounding the Miya property, reflects a series of island-arc marine sedimentary and submarine volcanics, covered by submarine and sub-aerial pyroclastics and lava flows (intermediate in composition) and all overlain by marine sediments and submarine volcanics or sub-aerial tuff and amygdaloidal basalt, that spans from 228.0 to 65.5 Ma.



Regional Geology

Fault
Extension Fault
Thrust Fault

Stratified Rocks

Paleocene to Eocene
Unnamed (PeEs)

Eocene
Ootsa Group (EO)

Eocene to Lower Miocene
Endako Group (EMiE)

Cretaceous
Kasalka Group (uKK)

Lower Cretaceous
Skeena Group (IKS, IKSN)

Upper Jurassic
Bowser Lake Group
Ashman Formation (uJBAm)

Stratified Rocks

Lower Jurassic
Hazelton Group
Nanika Volcanics (muJHNa)
Smithers Formation (mJHSms, mJHSmvc)
Telkwa Formation (IJHT)

Intrusive Rocks

Eocene
Undifferentiated EBo, Eg, ENqm, EQ, Eqp)

Late Cretaceous
Bulkley Plutonic Suite (LKBdr, LKBfp, LKBg, LKBqd, LKBqp)
Kasalka Plutonic Suite (LKKP)

Jurassic
Undifferentiated (Jqm, MJTqd)

Source: Digital Geology Map of British Columbia, BC Ministry of Energy and Mines, Geofile 2005-2

Figure 3: Regional Geology.

5.2 Local Geology

The Miya property is underlain predominantly by intermediate to acidic volcanics and volcaniclastics along with shales and sandstones of the Lower Jurassic Hazleton Group (Devlin, 1982). The volcanic strata consist primarily of pale green to maroon andesite lava, andesitic lapilli tuff and dacitic tuff. The sedimentary strata is subordinate and is comprised of tan to grey shale and pale grey to pale brown sandstone. Later mapping by Ogryzlo (2004) suggested that the sedimentary rocks that host the Emerald Glacier vein system are predominantly part of the Bajocian Ashman Formation of the Middle Jurassic Bowser Lake Group. These rocks occupy a down-dropped block or graben that extends from Troitsa Lake to the Sibola Range. Rocks of the Ashman Formation are in fault contact to the east, west and north with older fragmental rocks of the Telkwa Formation. North of the Emerald Glacier mine workings, granodiorite of the Late Cretaceous Sibola stock, which underlies most of Mt. Sweeney, is in contact with the stratified rocks (Ogryzlo, 2004).

5.3 Mineralization and Alteration

The region, or Tahtsa district (Seraphim and Holister, 1976), is very well mineralized and is host to a producing mine (Huckleberry copper-molybdenum mine), past producing mines (such as Emerald Glacier: Photograph 1) and advanced porphyry copper-molybdenum prospects that have been the target of extensive exploration programs (such as Berg, Whiting Creek, Seel and Ox Lake). Porphyry systems in the Tahtsa district are post-accretionary deposits that formed between 83 Ma (Huckleberry) and 49 Ma (Berg). The porphyry deposits are hosted by a range of rock types, but typically display peripheral propylitic alteration (including carbonate, chlorite and pyrite), and locally extensive biotite hornfelsing, that enclose core zones of silicic, potassic, sericitic and/or argillic alteration.

Mineralization on the Miya property consists primarily of a discrete quartz-sulphide vein system that occupies north-trending, steeply east-dipping structures. The vein system is intermittently exposed in several zones over a total strike length of approximately 850 m (McRae and Robertson, 1966; Davidson, 1987). The known zones are named for the former crown-granted claims on which they were discovered and are: Emerald Glacier, Roymac, Rhine View, Glacier Bluff and Grandview (Ogryzlo, 2004).

The veins can be quartz-dominated or be comprised of semi-massive to massive sulphide minerals that display crudely banded textures. Sulphide minerals consist primarily of sphalerite, galena and chalcopyrite with lesser pyrite. Locally, quartz-sulphide stockwork zones cut the main vein systems.

Pyritic alteration zones surrounding the Emerald Glacier mine were located by Devlin (1982). In addition to pyrite, the zones carry traces of azurite and malachite and occur along the contacts between the intermediate to felsic volcaniclastic and pelitic unit. Devlin (1982) also located massive barite and quartz vein float in the northeast corner of the property and suggested that the polymetallic mineralization might have been remobilized from a volcanogenic massive sulphide system at depth.

Hydrothermal alteration, characterized by disseminated sulphides, was found at the contact between the Jurassic stratified rocks and the Sibola stock, south of Whiting Creek (Ogryzlo, 2004). North of Whiting Creek, the Whiting Creek porphyry system has been intermittently explored and contains an historical unclassified resource of 123.4 million tonnes grading 0.062% Cu and 0.023% Mo (MINFILE).

Photograph 1: View of 6400 level adit with partially collapsed ore bin in the foreground, and Rhine Crag and Tahtsa Reach in the background.

5.3.1 Emerald Glacier Zone

The Emerald Glacier zone consists primarily of the Main and No. 2 veins that trend 345° with variably steep dips to the east or west. Vein widths range from 1 to 3 m. Vein textures range from massive, banded sulphides to brecciated and recemented vein material to stockwork zones. The Main vein (sometimes referred to as the 'A' or No. 1 vein) is exposed for a length of 150 m on the 6400 level drift and two narrow veins, possibly an extension of the Main vein and No. 2 vein, are exposed for 60 m on the 6000 level drift (Campbell, 1967).

Mining of a limited tonnage of the Main vein, particularly from the 6400 level, took place between 1951 and 1968. The ore produced was from a series of en echelon, polymetallic quartz veins cutting feldspathic sandstone, lesser siltstone and tuffaceous shale found near the contact of the overlying andestitic volcanic rocks. Approximately 4180 tonnes of sorted ore, from a 66 m long by 3.0-3.6 m wide segment of the Main Vein, was stoped above the 6400 level from 1951 to 1953. This ore was milled in Nelson, BC and assayed 12.2 oz/t Ag, 12.2% Pb and 11.5% Zn (Bullis, 1972). Additional mining took place in the mid-1960s after a 68-tonne per day mill and camp were constructed (Campbell, 1967). The mine produced a total of 83,493 ounces of silver, 49 ounces of gold, 1,966,396 pounds of zinc, 1,689,449 pounds of lead, 19,872 pounds of copper and 3,713 pounds of

cadmium from the milling of 8293 tonnes of ore during the period 1951-1968 (MINFILE). An appraisal of the total remaining reserves, which can only be regarded as 'historical' and do not comply with NI 43-101 standards, were estimated by Bullis (1972) to be 47,200 tons (42800 tonnes) of "Proved, Probable and Possible Ore"; the grade of the Proved and Probable reserves were believed to be similar to ore previously mined (i.e. 8 ounces/ton silver, 12% lead, 8% zinc and 0.5% copper), but the grade of the Possible reserve was expected to be richer in zinc, but poorer in silver and lead (Bullis, 1972). "Readily Available Mineable Ore" (also non-compliant with NI 43-101) was estimated by Crowhurst (1974) to be 10,460 tons (9490 tonnes), but no grades were assigned.

5.3.2 Roymac Zone

The Roymac zone (614620E, 59564349N), located approximately 530 m north-northeast of the 6400 adit, is suspected to be an extension of Emerald Glacier C vein. Although the vein is not well exposed, assays of selected grab samples collected from spoil pile on the margin of a caved trench, returned 0.09 g/t Au, 208 ppm Ag, 15.2% Pb and 12.6% Zn (Ogryzlo, 2004).

5.3.3 Rhine View Zone

The Rhine View zone (614430E, 5956715N), located approximately 740 m north-northeast of the 6400 level adit, is also suspected to be an extension of Emerald Glacier C vein. A composite chip sample collected across 1 m of quartz stockwork, exposed in a shallow trench, returned 96 ppb Au, 143 ppm Ag, 6592 ppm Pb and 1622 ppm Zn (Ogryzlo, 2004). Approximately 225 m to the northeast, more extensive stockwork and breccia zones were observed although the lead and zinc values were found to be lower than that of the result listed above.

5.3.4 Glacier Bluff Zone

The Glacier Bluff zone (615050E and 5956380N) crops out east of the main Emerald Glacier vein trend. The vein system has a strike of 080°. A 0.5 m composite chip sample across the vein graded 0.23 g/t Au, 121 g/t Ag, 8.88% Pb and 0.73% Zn, and a grab sample from a nearby vein, not previously sampled, graded 740 g/t Ag, 34.62% Pb and 5.53% Zn (Ogryzlo, 2004).

5.3.5 Grandview Zone

The Grandview zone (613318E, 5957263N) occurs in the northern part of the property, on Sweeny Mountain, and is described as stringers and veins carrying pyrite and galena within andesitic fragmental rocks of the Hazleton Group (MINFILE 093E075).

6. 2008 EXPLORATION PROGRAM

The 2008 exploration program consisted of:

- 1:2,000 scale bedrock mapping;
- 1:500 scale bedrock mapping over the surface expression of the Emerald Glacier mine workings;

- Reconnaissance prospecting mainly north of the historic mine site toward Whiting Creek.

The program took place from August 12 - 22, 2008, following an orientation on July 31.

6.1 Property Bedrock Mapping

Property-scale bedrock mapping of part of the Miya property took place from August 14 - 20, 2008, by a 2-person team consisting of Diana Benz and assistant Amber Marko. Mapping was conducted at a 1:2,000 scale and sectioned into traverses no greater than 50 m apart. All outcrops greater than 20 m have 2 or more mapping stations to delineate the outcrop boundary. All lithological contact zones have 2 mapping stations: one station for each side of the contact taken at least 10 m from the visible contact. Rock samples collected during mapping were not submitted for analysis because of funding constraints, however the samples have been retained for submission at a later date. Mapping stations and sample locations are plotted on Figure 4 and sample descriptions listed in Appendix A.

Exposed bedrock in the upper parts of the property, where the program was focussed, is plentiful, although broad areas are covered by talus. Receding glaciers and a reduced snowpack has provided new areas to assess.

The Miya property is underlain primarily by:

1) volcanic rocks of the Lower to Middle Jurassic Telkwa Formation of the Hazelton Group,
2) fossiliferous rocks of the Middle Jurassic (Bajocian) Ashman Formation of the Bowser Lake Group (MacIntyre et al, 1994), although some of the rocks ascribed to the Ashman Formation may belong to the older Smithers Formation of the Hazelton Group (Ogryzlo, 2004),
3) basalts of the Lower Cretaceous Skeena Group, and
4) granodiorite of the Late Cretaceous Sibola stock, which cuts all of the stratified rocks in the northern part of property.

Volcanic rocks of the Telkwa Formation are composed primarily of andesite lava flows (Af), andesite breccia and lapilli to block tuff (At) and dacitic tuff (Dt). These units dominate much of the map area. Andesite lava flows are medium to dark greenish-grey, medium to fine-grained, and typically contain plagioclase, pyroxene and amphibole and/or biotite as phenocryst phases. Bedding is variable, but north of the underground workings it is east-west trending and shallow south dipping. Fractures, joints and shear zones that cut the units are typically filled with calcite. Andesite breccia and lapilli to block tuff is interbedded with dacitic tuff throughout the property. The andesite tuff is a medium to dark greenish-grey rock with up to 10% mm-sized phenocrysts of pyroxene. Clasts range in size from 20 cm blocks to 2-3 mm grains in size. The matrix is typically maroon in colour due to the presence of abundant hematite. The dacitic tuff is pale to dark greenish-grey, and typically consists of plagioclase feldspar with biotite, hornblende and pyroxene. Secondary calcite, in the form of patches, can account for up to 5% of the rock. The unit typically displays patchy to intense propylitic alteration in the form of epidote replacement of matrix and of lapilli. Mafic phenocrysts are typically altered to chlorite.

Sedimentary rocks of the Ashman Formation occupy the centre of the Miya property, primarily within a north-trending fault-bounded graben. Units include volcaniclastic sandstone (vSa), greywacke (Gw) and conglomerate (Cg). The volcaniclastic sandstone is pale to medium greenish-grey and contains abundant lithic clasts. This sandstone has a fine-grained green matrix with <1% calcite and 15% rounded quartz (~3 mm in size). This volcaniclastic sandstone unit is associated with the Emerald Glacier vein system and is described in greater detail in the next section. The greywacke is a pale to medium grey to buff sedimentary rock composed of poorly sorted angular grains of quartz, feldspar and small rock fragments set within a fine-grained clay matrix. Locally the unit weathers to a rusty brown where it has been iron-carbonate altered. Greywacke is located within the central-west portion of the mapped area. Conglomerate is pale to medium grey and is comprised of rounded pebbles and small cobbles set in a fine-grained sandy to silty, locally calcareous, matrix. The conglomerate typically forms thin lenses within the sandstone to grit dominated succession. Rare exposures of thinly bedded green argillaceous tuff and black argillite (or shale) appear near or at the top of the sedimentary package, near the historic workings. They are typically recessive weathering, but are evident because they are intruded by resistant dykes and/or have been exposed during road construction. Locally the dykes have imparted a weak hornfelsing on the enclosing rocks.

Vesicular basalt of the Lower Cretaceous Skeena Group occupies the northern portion of the Miya property and also occurs northwest of the underground workings.

Minor constituents of the Miya property geology include several varieties of narrow dykes. Two syenitic dykes are located along a ridge in the central-west portion of the map area. They are coarse-grained and trend northwest along a ridge west of the historic workings and appear localized to the ridge. A quartz latite porphyry dyke cuts black argillite immediately east of the 6400 level adit.

6.2 Detailed Mapping of the Emerald Glacier Mine Area

6.2.1 Introduction

Detailed bedrock mapping was carried out during the period August 12 - 19, 2008 by Jay W. Page (PGeo). An area measuring approximately 300 m by 150 m at its largest extent, or approximately 2.7 ha, was mapped at a scale of 1:500 using a hand-held GPS for control. Most features were located with an accuracy of approximately ± 5 m, although at times and in the steeper, lower elevation parts of the map area, accuracy was typically ± 8-10 m. All UTM locations use the NAD 83 Datum. Elevations in this part of the Miya property range from about 1800 m to 1950 m.

The emphasis of this mapping exercise was to show the relative location of the quartz veins and surface workings which have been the focus of historical mining activities on the property, and to identify controls on the mineralization which may be useful for directing future exploration. The structure, along which the Main vein occurs, shows evidence of shearing and multiple episodes of veining. Historical underground mining activities have exploited this vein structure by four adits, two of which remain open on the 6400 and 6275 levels, and by various drifts, cross-cuts and raises. The vein exposed south of the open raise, which is located north of the 6400 level adit is referred to as the V1 vein, and the vein north of the open raise is referred to as the V2 vein (Figure 5; in pocket). The text provided below is taken from a private report by Page (2008).

6.2.2 Lithology

There are two principal lithologies in the mapped area: a volcaniclastic sandstone, and a tuffaceous rock occupying the northern and eastern parts of the map area. To the north of the map area are andesitic flow rocks. To the south, sandstone is interbedded with shale and siltstone. Lithological contacts are recessive and were not observed in the field; their location is inferred.

The sandstone unit has a variable character, both in terms of composition and providence. It is on average, medium-grained and made up of largely re-worked volcanic material and weathers to a medium tan-colour. The majority of the particles are light brown, measure less than 1 mm in diameter and show some rounding. They appear to be largely quartz and feldspar grains along with small volcanic fragments (lapilli?) and volcanic ash. Also present are small, black, angular fragments to approximately 2 mm diameter and they comprise up to about 5% of the rock. In general the sandstone unit is massive, but there are local interbeds of coarse sandstone and conglomerate with particle diameters up to several cm; however they have not been be traced for any distance and are not useful as markers. There are also local, indistinct siliceous areas in the sandstone unit which may be intervals with a high percentage of dacitic tuff. In some locations the sandstone may contain a large amount of re-worked tuff and it can be difficult to distinguish from the tuffaceous rock. In this situation, the presence of the dark angular fragments described above, is used to determine if the rock is sedimentary or volcanic.

The sandstones contain a surprising amount of carbonate and react strongly to acid. It is not clear if this is largely due to post-depositional alteration or if much of the carbonate is primary; locally there are abundant fossils, including bivalve fossils and casts filled with calcite in the sandstone.

The tuffaceous rock unit includes several ash-rich rocks grouped together, including tuff, lapilli tuff, and ash flow tuff. These rocks are pale brown coloured and often have a waxy appearance, which is perhaps caused by the widespread carbonate alteration. These rocks are in general, fine-grained but angular blocks of andesitic flow rocks up to 30 cm in diameter distinguish the ash flow from the other tuffaceous rocks. No bedding features were seen in the tuffaceous rock.

Volcanic flow rocks north of the map area, primarily andesites, are distinguished by their hard compact nature, and by a pervasive epidote, chlorite and variable hematite alteration. The andesitic flow rocks are also strongly carbonate altered with blebs of spar calcite visible on most broken surfaces. It is unknown how far this carbonate alteration extends away from the map area.

6.2.3 Quartz Veining

The V1 vein is approximately 2 m wide, and is oriented at ~338/80 E. It is composed of several bands of quartz, often alternating with bands of limonite (presumably developed from pyrite-rich bands). Economic sulphides consist of galena, sphalerite and chalcopyrite as disseminations, as large blebs within the veining and as large galena-rich pods. The strongly mineralized (with economic sulphides) portion of the vein structure often only measures about 14 cm wide. As mentioned above, the V1 vein is strongly limonitic and this alteration continues in the wall rock. Major fractures within the vein are strongly coated with black

manganese oxides, and this includes late fractures that do not parallel the vein structure. In one location above the 6400 level adit, a pod of galena is oriented along one of these cross-cutting fractures suggesting remobilization or the introduction of the galena during a later event. The V1 vein contains small amounts of calcite veining, and malachite (± minor azurite) is common, suggesting that the vein may have accompanied or at least was affected by the wide-spread carbonate alteration in the hosting sandstones. Wall rock alteration adjacent to the V1 vein is clay-limonite alteration which appears to be most intense on the footwall (west) side. Surface exposures of the V1 vein are limited to the area between the 6400 level adit and the south end of the open raise, where it is last seen and appears to terminate in the open cut on the west side.

The V2 vein is approximately 2.7 m wide where first exposed in the open raise, and it is oriented at approximately 346/86 E. It cuts the clay-limonite alteration of the V1 vein indicating that it is later. The V2 vein is more strongly mineralized, particularly with pods of galena which often carry large blebs of sphalerite and chalcopyrite. Limonite is present, but not to the extent that is seen in the V1 vein. Overall the V2 vein is more strongly silicified and mineralized over a larger width than the V1 vein. Calcite was not seen in the V2 vein, suggesting that it post-dates the carbonate-alteration event and malachite is rare. Manganese oxides are ubiquitous in all fractures, and there are pods of manganite within the vein which contain blebs of galena. Wall rock alteration includes limonite, sericite and clay alteration, but the alteration is not as intense as the wall rock alteration surrounding the V1 vein. The alteration appears to be more pronounced on the hanging wall (east) side of the V2 vein. Economic mineralization in the V2 vein narrows to about 25 cm (within an 8.4 m wide alteration zone) to the north where it appears to terminate in a tuffaceous volcanic rock. A zone of moderate, but pervasive pyrite/limonite ± clay alteration extends several 10's of metres past the last exposure of the V2 quartz vein.

There are two quartz veins exposed in the vicinity of the 6275 adit. One, a pyritic and strongly limonite-altered quartz vein is located about 25 m north-northeast of the 6275 level adit. It has a lens-like form and measures 2.3 m by 40 cm at its thickest point. Its orientation (292/40 E) is different from the V1 vein but is probably a splay from the V1 vein near its southern terminus. The other vein is exposed to the east of the 6275 adit in the gully and although thin (1-3 cm by 1.3 m long), it's orientation of 320/82 W suggests it may be part of the V1 vein. It carries minor disseminated pyrite and galena and is cut by barren white quartz-calcite veining. There are no vein exposures along the projected trend of the main shear southeast of this point and it is unknown what was encountered or prompted the development of the lower adits.

There are a number of other quartz veins present in the map area, four of which are located to the east of the main shear/quartz vein and are semi-parallel to it. All carry pyrite and in two cases minor galena ± sphalerite, but none appear, at least from the surface exposures to have any economic significance.

6.2.4 Structure

The primary structural features on the property is the shear that hosts the main quartz veins. North of the 6400 level adit it trends up the hillside at approximately 335 degrees. The orientation of the quartz veins within the structure suggest that it swings slightly northward and steepens as one moves to the north (from 338/80 E

to 346/86 E). Slickensides on fracture surfaces within the shear indicate a variety of post-veining movement.

Table 2. Slickensides Measured in the Main Shear

GPS Waypoint	Location & Description of Slickensides	Fracture RHR		SS Measured	SS Calculated	
		Strike	Dip	Rake/Quad	Plunge	Dir.
EGJP034	SS on dyke - wall rock contact in open raise	342	68E	12 -> SE	11	157
5 m west of EGJP034	SS on fracture in clay alt' west side of open raise	282	90	22 -> SE	22	102
10 m south of EGJP034	SS on fracture in V1 Vein west side of open cut/raise	328	54E	52 -> NE	39	005
6 m SE of EGJP036	SS on fracture in V1 Vein	352	84E	18 -> SE	18	170
EGJP043	SS on fracture in V1 Vein exposed above 6400 adit	340	76E	12 -> SE	12	157

The fracture with slickensides on the late felsic dyke (EGJP034), which cuts the V2 vein in the open stope, is possibly the same as the prominent fracture located above the 6400 level adit (EGJP043). It is also strongly manganese-stained.

The sandstone unit appears to be more brittle and is more fractured than the tuffaceous unit. This competency contrast may explain why large quartz veins occur in the sandstone unit, but not in the tuffaceous rocks.

The massive character of the sandstone unit makes it difficult to determine the extent of movement on many of the fractures; however it is suspected that minor faults are very common and likely predate the major quartz veining event. Evidence supporting this includes bedding features, while uncommon; and narrow dykes that cannot be traced along strike for any significant distance. Near the 6275 adit (EGJP074), thin, shaley layers which may be bedding, are oriented at 020/68 E and are terminated by fractures oriented at 300/82 E.

To the south of the map area, more resistive sandstone underlies shale and siltstone in a stream bed which is broken by a series of minor normal faults trending 170/83 SW with a vertical throw of 3-5 m. This has resulted in a repeating, step-like pattern in the stream bed.

The large cut bank on the west side of this stream shows a series of disruptions in the inferred bedding and features such as drag folds are visible. The bedding appears to flatten considerably down-slope to the southwest (from 105/80 SW to 128/21 SW). Large-scale folding in the sediments is not observed elsewhere in this area, so the presence of rotational faults is the most probable explanation for the flattening of the bedding.

6.2.5 Dykes

A quartz–feldspar porphyry dyke (QFP dyke) is located approximately 30 to 90 m east of the quartz veins and trends at approximately 131 degrees. This dyke is composed of 5% quartz "eyes" up to 3 mm diameter, 10% feldspar crystals up to 1 cm long, 2% biotite flakes up to 3 mm across and a groundmass composed largely of feldspar, but affected by pervasive carbonate and sericite alteration. The dyke appears to have a quartz latite composition. Also present are about 5-10% small (1–2 mm) feldspar laths which are aligned and define a weak trachytic texture. These feldspars are not visible in all exposures, which may be a reflection of variable alteration. Agglomerations of crystals (feldspar, quartz and fine-grained biotite) to about 1 cm in diameter are believed to be juvenile clasts, suggesting that the magma has originated fairly deep in a magma chamber. An unusual green alteration of the feldspar phenocrysts and juvenile clasts in the vicinity of a second quartz vein (NE vein located 30 m east of the north end of the V2 vein) is believed to be pyrophyllite, possibly the result of hydrothermal alteration generated by the NE quartz vein or an adjacent andesite dyke.

The QFP dyke has a pyrite halo which is moderately well-developed on a metre-scale (up to about 20 m distant from the dyke) within the tuffaceous volcanics and clastic sediments that host the dyke. Where the dyke cuts through sediments with a more pronounced marine sedimentary (shale or siltstone) component, there is a well-developed hornfels. Up to 5% pyrite is also locally present in the QFP dyke near the contact.

A number of felsic and mafic dykes were also observed and are common in the area. The majority are located on the east side of the main shear/vein and this suggests that the eastern side has been weakened by structural events which have later been exploited by quartz veins (Page, 2008).

6.3 Reconnaissance Rock Geochemical Sampling

Seven rock geochemical samples were collected during reconnaissance prospecting beyond the limits of the bedrock mapping program. Three are located southwest of the map area and the other four are located beyond the map area to the north (Figure 4). Sample MBKR009 was collected 450 m northwest of the Rhine View showing in an area thought to be underlain by the Sibola stock. It returned values of 1916 ppm Cu and 21.5 ppb Au. Full geochemical results are listed in Appendix C.

7. DATA VERIFICATION

A limited number of reconnaissance rock samples, collected during the 2008 field season, were submitted for analysis due to budgetary constraints. Those samples not submitted have been retained and are stored in the labeled and sealed poly bags in which they were initially collected. They may be submitted for analysis at a later date.

All other rock samples collected during the 2008 field season were selected, sealed and shipped to Acme Analytical Laboratories (Acme) in Vancouver, BC. Due to the small number of samples submitted for analysis, no certified references were analyzed. Individual samples were labeled, placed in plastic sample bags, sealed and stored at a secure facility in Houston, BC. The samples were delivered via carrier to Acme. All samples were crushed, pulverized and the resulting sample pulps analyzed. The remaining coarse reject portions of

the samples remain in storage at the Acme storage facility in Vancouver. The samples were analyzed using the Acme Labs assay procedure 1DX-15, a 1:1:1 Aqua Regia Digestion with an ICP-MS finish. The reader is referred to http://www.acmelab.com for details of these analytical procedures. Assay certificates are located in Appendix C.

8. INTERPRETATION, CONCLUSIONS AND RECOMMENDATIONS

The Miya property covers a precious and base metal vein/shear system that was exploited intermittently during the 1950s and 1960s as the underground Emerald Glacier mine. Metal production totalled 83,493 ounces of silver, 49 ounces of gold, 1,966,396 pounds of zinc, 1,689,449 pounds of lead, 19,872 pounds of copper and 3,713 pounds of cadmium from the milling of 8293 tonnes of ore. Despite the high silver, zinc and lead grades, limited surface and underground exploration has taken place since the early 1970s.

The 2008 surface mapping program provided additional information on the distribution of prospective geology and contributed further information on the features that influence and/or control mineralization:

1. The Main vein occurs in a shear zone with evidence of episodic veining.
2. Cross-cutting fractures may be host to remobilized economic concentrations of sulphide minerals.
3. Manganese oxides seem to be associated with the later quartz veining event.
4. The best mineralized structure is the quartz-sulphide vein north of the vent raise occupying the northerly position in the Main vein structure.
5. The more brittle siliciclastic rocks, located primarily east of the Main vein, have potential to host well-mineralized vein/shear zones that may be hidden under cover.

Historic work, mainly underground drifting, has shown that vein/shears are en echelon, tend to trend to the north-northwest and are not consistently mineralized. However, ore shoots such as the one mined from the Main vein on the 6400 level, and that has been shown to plunge steeply to the north below the 6275 level, are very attractive targets.

Future exploration on the property should be focussed on 1) proving up the underground ‘historic‘ or ‘unclassified’ resources, initially focussing on the down plunge potential of the Main vein from the 6275 level, and 2) evaluating areas east and north of the mine workings for structures that have the potential to host ore shoots of mineable width. The Roymac and Rhine View zones are two such possibilities.

Existing data from historic as well as recent exploration efforts suggest that the Miya property hosts a significant polymetallic vein system that warrants systematic exploration. A program consisting of further detailed surface and underground mapping and sampling, and close-spaced drilling from surface and underground, in order to upgrade the property’s historic resource to one that is compliant with NI 43-101 standards, is recommended. The estimated cost of the program is between $350,000 and $400,000.

9. COST OF 2008 PROGRAM

Exploration Work type	Comment				Totals
Personnel (Name)* / Position	**Field Days (list actual days)**	**Days**	**Rate**	**Subtotal***	
Bob Lane	July 31, August 12	2	$750.00	$1,500.00	
Diana Benz	August 14 - 20	7	$425.00	$2,975.00	
Amber Marko	July 31, August 14 - 20	7.25	$325.00	$2,356.25	
Brian Kornichuk	August 12, 15 - 22	7.25	$325.00	$2,356.25	
Jay Page	August 12 - 15, August 16 - 22	11.25	$700.00	$7,875.00	
				$17,062.50	**$17,062.50**
Office Studies					
Amber Marko	Project Preparation	1.50	$325.00	$487.50	
Bob Lane	Project Preparation	1.50	$750.00	$1,125.00	
Brian Kornichuk	Project Preparation	1.50	$325.00	$487.50	
Tracy Savident	Project Preparation	0.31	$360.00	$112.50	
Ben Brown	Base Mapping	0.19	$488.00	$91.50	
				$2,304.00	**$2,304.00**
Geochemical Surveying	**Number of Samples**	**No.**	**Rate**	**Subtotal**	
				$0.00	**$0.00**
Other Operations		**No.**	**Rate**	**Subtotal**	
Lowprofile Exploration	Mobilization/demobilization, camp setup, project management, transportation and prospecting services	1.0	$14,983.43	$14,983.43	
				$14,983.43	**$14,983.43**
Transportation		**No.**	**Rate**	**Subtotal**	
Travel to Field (wages - B. Lane)	July 31, August 11/13	1.50	$750.00	$1,125.00	
Travel to Field (wages - A. Marko)	July 31, August 22	1.50	$325.00	$487.50	
Travel to Field (wages - D. Benz)	August 12, 22	1.00	$325.00	$325.00	
Travel to Field (wages - J. Page)	August 11, 22	1.50	$700.00	$1,050.00	
Travel to Field (wages - B. Kornichuk)	August 12, 15 - 22	1.75	$325.00	$568.75	
Flight - J. Page	August 11	1.00	$519.94	$519.94	
Flight - J. Page	August 22	1.00	$989.27	$989.27	
Kilometres	Truck 98 (Bob Lane)	1483	$0.65	$963.95	
Daily Rate	Truck 83 (Field Crew)	7	$50.00	$350.00	
				$6,379.41	**$6,379.41**
Accommodation & Food	**Rates per day**				
B lane/J Page - Houston Motor Inn	August 11	1.00	$364.97	$364.97	
Field Crew - Houston Motor Inn	August 11	1.00	$768.64	$768.64	
Field Crew - Meals & Groceries	August 12	1.00	$233.28	$233.28	
				$1,366.89	**$1,366.89**
Miscellaneous					
Field Supplies (consumables)	August 14	1.00	$66.32	$66.32	
Tower Communications	Radio Programming	1.00	$29.96	$29.96	
Trim & Ortho for Base Maps	Trim & Ortho for Base Maps	1.00	$236.50	$236.50	
Assessment Report Compilation	Report, Data and Maps	1.00	$5,000.00	$5,000.00	
				$5,332.78	**$5,332.78**
TOTAL Expenditures					**$47,429.01**

10. REFERENCES

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11. STATEMENT OF QUALIFICATIONS

I, Robert (Bob) A. Lane, residing in Prince George, British Columbia, do hereby certify that:

a. I am currently employed as a consulting geologist by:

Allnorth Consultants Limited
2011 PG Pulpmill Road
Prince George, British Columbia, Canada
V2L 4V1

b. I graduated from the University of British Columbia in 1990 with an MSc in Geology.

c. I am a Professional Geoscientist (PGeo) registered with the Association of Professional Engineers and Geoscientists of British Columbia, license #18993, and have been a member in good standing since 1992

d. From 1990 until present I have been continuously employed as a geologist in the mining and mineral exploration sector.

e. 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 organization (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements to be a "qualified person" for the purposes of authoring an assessment report.

f. I visited the Miya property on July 31 and on August 12, 2008, and reviewed and examined data collected as a result of work completed on the property in 2008.

g. I authored the assessment report entitled "A Geological Report on the Miya (Emerald Glacier) Property", dated March, 2009, with the assistance of Diana Benz and Jay Page.

Dated at Prince George, British Columbia, this 25th day of March, 2009.

Robert (Bob) A. Lane, P.Geo.
Allnorth Consultants Ltd

APPENDIX A
PROPERTY FIELD MAPPING STATIONS AND DESCRIPTIONS

Miya Field Mapping Stations (Zone 9 NAD 83)

Station_ID	Easting	Northing	Elevation	Accuracy	Outcrop /Float	Dimensions (width, height m); Meas. Type	Strike	Dip	Dir.	Description
EGDB009	614524	5956140	1967	8	Outcrop	15,20				Same as EGDB001. except there is an increase in epidote to 15% and sulphides present; galena sub mm and pyrite 2-3mm 1%; contact with very maroon foliate along; blocky joints oriented 120
EGAM014	615192	5955948	1888	6.2	Outcrop					Large baked zone of rock with quartz veining running through it; small amounts of calcite present; galena and pyrite cubes; nonmagnetic; quartz vein up to 10 cm wide with the approximate length of 50-75 m
EGDB103	613403	5956884	1998	8	Outcrop					Site of old samples; dark grey with rusty red patched weathered surface (limonite); fine grained light tan and dark grey fresh surface; patches 7% and 10 mm of very dark grey with abundant sulphides (chalcopyrite, pyrite); similar to EGDB097 in part except the dark patches with sulphides; 2 hand samples; just below the station is very rusty red orange soil by previous sample sites; quartz veins <% and ~4 mm rusty orange along joints
829031										CDN-CGS-BLK 3
EGDB098	613838	5956825	2045	10	Outcrop					Same as EGDB093 with increased sulphides pyrite and chalcopyrite from the EGDB097 station
EGAM001	614338	5956156	1974		Outcrop					Siliceous grey/green felsic strike 030 dip 36 NW; volcanic rock with sulphides present, pyrite in trace amounts; sulphides seem to be found in conjunction with quartz blebs and veins; large 10 cm quartz vein with strike 120 dip 58 NE; on volcanics rust Fe and manganese staining present
EGDB137	615279	5955358	1616	12	Outcrop					Maroon to east of this point then dacitic tuff?; <1% vuggy quartz-barite veining ~1% and 2-5 cm widths, <1% galena present with strike 112 and near vertical dip; wall rock is very silicified light grey green; no visible carbonates; 3 veins with very dark chalky black mineral (chalcocite?) strike 144 dip 68 SW, strike 166 near vertical dip and strike 132 dip 70 SW
EGAM002	614322	5956468	1992		Outcrop	Bedding	40	32	NW	Massive dark grey/green volcanic, possibly andesite/tuff strike 040 dip 32 NW; visible sulphides, trace amounts; quartz veining and blebs present and very small on fresh surface; Fe oxidized surface
EGAM003	614328	5956695	1994		Outcrop					Massive dark grey/green volcanic, possibly andesite/tuff strike 040 dip 32 NW; visible sulphides, trace amounts; quartz veining and blebs present and very small on fresh surface; Fe oxidized surface
EGAM004	614422	5956694	1992		Outcrop	Bedding	43	43	NW	Breccia 1 metre thick surrounded by volcanics on either side strike 043 dip 43 NW; volcanics are very siliceous, flow banding present; dark green/grey with Fe oxidized surface; no visible sulphides
EGAM005	614604	5956346	1964		Outcrop	Bedding	70	64	NW	Dark grey green volcanic, lapilli tuff strike 070 dip 64 NW; sulphides present, siliceous with epidote alteration; on weathered surface clast visible cm to m long; unable to see clasts on fresh surface; small calcite veins present
EGAM006	614702	5956078	1954		Outcrop					Drill Hole
EGAM007	614756	5956121	1962	4	Outcrop					Dark grey weathered surface, fresh surface dark grey with hematite, epidote and sulphides present (pyrite 2%); carbonates present, also bronze sulphides present (sphalerite); magnetic with blocky joints
EGAM008										Bleached to light grey weathered surface, fresh surface is grey with minimal sulphides present; epidote, calcite, no hematite; nonmagnetic; orientation of joints strike 120 dip 78NE
EGAM009	614792	5956065	2158	2.6	Outcrop	Joint	136	84	NE	Iron oxide staining on surface as well as manganese staining; no hematite present, calcite and epidote present; sulphides present pyrite 1%; nonmagnetic with orientation of joints strike 136 dip 84 NE and strike 130 near vertical dip
EGAM010	614896	5956211	1962	3.7	Outcrop	Joint	90	74	N	Same as EGAM009 with some hematite; joints strike 090 dip 74 N

Miya Field Mapping Stations (Zone 9 NAD 83)

Station_ID	Easting	Northing	Elevation	Accuracy	Outcrop /Float	Dimensions (width, height m); Meas. Type	Strike	Dip	Dir.	Description
EGAM011	614786	5956626	1938	4.2	Outcrop					Weathered surface shows clasts, rounded to subrounded; sorting from large clasts down to small pebble sized ones; fresh surface is dark grey matrix (dacite?) with epidote and carbonates present; sulphides present bronze in appearance (pyrite)
EGAM012	615028	5956080	1929	2.6	Outcrop					Highly altered, epidote and carbonates, hematite and chlorite present; no sulphides present, magnetic with iron oxide and manganese staining
EGAM013	615093	5955944	1897	4.6	Outcrop					Medium grey fresh surface with calcite, hematite , malachite and sulphides present; sulphides are coppery in colour and gold in colour, chalcopyrite; chalcopyrite found in association with calcite
EGAM015	615207	5955930	1880	4	Outcrop					End of vein on surface
EGAM016	614722	5955817	1862	6.6	Outcrop					Same as EGAM009 with increased carbonates
EGAM018	614789	5955831		3.3	Outcrop					Same as EGAM009 with increased carbonates
EGAM019	614806	5955825		7.6	Outcrop					Same as EGAM009 with increased carbonates; minimal epidote
EGAM020	614770	5955894	1836	4.1	Outcrop					Vein on the side of 6000 adit galena , sphalerite present; carbonates present; very baked wall rock with 1 m by 1 m exposure
EGAM021	614793	5955776	1827	3.8	Outcrop					Light green with black phenocrysts, possible augite porphyry; some areas with hematite and trace amounts of sulphides pyrite
EGAM022	614855	5955765	1812	5.4	Outcrop					Same as EGAM009
EGAM023	614865	5955759		10	Outcrop					Hornfels
EGAM024	614901	5955767	1813	13.4	Outcrop					Same as EGAM009 with increased carbonates
EGAM025	614905	5955760	1802	16	Outcrop					Hornfels
EGAM026	614966	5955730		10	Outcrop					Same as EGAM009 with increased carbonates
EGAM027	615003	5955716		6.1	Outcrop					Same as EGAM009 with no sulphides
EGAM028	615065	5955717	1818	4	Outcrop					Same as EGAM013
EGAM028B	615116	5955655			Outcrop					Extension of EGAM028
EGAM029	615251	5955614	1751	3	Outcrop					Sandstone, calcite rich with some feldspar; nonmagnetic with some iron oxide staining
EGAM030	614304	5955853	1874	3.4	Outcrop					Same as EGAM009 with no sulphides; some feldspar present
EGAM031	614299	5955814	1862	2.8	Outcrop					Same as EGAM009 with no sulphides; some feldspar present
EGAM032	614282	5955862	1846	3.3	Outcrop					Same as EGAM009 with no sulphides; some feldspar present
EGAM033	614232	5955676	1834	2.8	Outcrop					Same as EGAM009 with no sulphides; some feldspar present
EGBL001	614881	5955858	1884		Outcrop	Bedding	175	55	E	Interbedded, pebble conglomerate and sandstone; rusty with minor fault offset; bedding 175/55E; joint 112/80S; other joints 105/34N & 115/44N
EGBL002	614862	5955865	1885		Outcrop	Dyke	120	62	S	pale green hornblende plagioclase porphyry dyke oriented 120/62S cutting fine-grained black argillite, bedding west of dyke: 180/53E; chalcocite-pyrite vein 105/82S
EGBL003	614826	5955879	1883		Outcrop	Bedding	180	53	E	Coarsening to siltstone, then sandstone/grit - distinctive pale grey, well-exposed just before 6400 adit; basalt dyke: 135/78W ~65 cm wide cutting seds
EGBL004	614751	5955869	1873		Outcrop	Bedding	145	85	E	Bedding: 145/85E, moving further along road to 6400 adit; approaching Fe-oxidized and carb-alt sandstone
EGBL005	614742	5955856	1873		Outcrop	Bedding	10	58	E	At adit, note abdt black manganese oxide coating on vein; green to grey well-bedded sandstone/grit with bedding 010/58E; also 176/73E approximate bedding of grey coarse-grained sandstone to grit approximately 20 m past adit; massive beds with trains of grit layers spotted with Fe-oxide blebs that are most likely oxidized pyrite; also sparry calcite along bedding planes and in vuggy cavities; also local black manganese

Miya Field Mapping Stations (Zone 9 NAD 83)

Station_ID	Easting	Northing	Elevation	Accuracy	Outcrop /Float	Dimensions (width, height m); Meas. Type	Strike	Dip	Dir.	Description
EGBL006	614725	5955875	1890		Outcrop	Vein	165	75	E	Vein in structure striking 165/75E; numerous small veins and stockworks & altered wall rock that comprises the ore; mineralization coated with manganese oxide and Fe-oxide; mineralization of chalcopyrite, galena, sphalerite, malachite and azurite; slivers of intensely altered wallrock internal to the structure
EGBL007	614707	5955911	1910		Outcrop					Further along strike to pit is a man-way / vent raise
EGBL008	614687	5955955	1923		Outcrop	Vein	170	75	E	trench/pit with vein oriented 170/75E: semi-massive sphalerite & galena in quartz gangue
EGBL009	614618	5956010	1943		Outcrop					Lapilli to block tuff, ash dominated; polylithic with volcanic clasts subrounded, tan weathered surface, maroon fresh surface
EGBL010	614690	5956033	1942		Outcrop	Vein	132	80	W	Trench cut along trend of vein is similar to altered wall rock but weaker manganese oxide and Fe oxide; zone still stands out; is off-trend from Main vein segments; just down slope to continuation of trench there is little to no manganese but there are quartz veins and Fe-oxide
EGBL011	614698	5956009	1932		Outcrop					Little to no manganese staining , quartz veining and Fe-oxide following trend of 346 degrees
EGBL012	614641	5956290	1974		Outcrop					Follow trend of trench to area covered by snow with boulders from trench of galena, sphalerite and quartz; picture looking north along trend with some patches and old trenches and test pits
EGBL013	614669	5956041	1948		Outcrop	Vein	142	84	W	Back down to trench area, excavation area that exposes quartz stringers with 1-2% galena and sphalerite; follows trend 142/84 W; some veinlets in altered wall rock
EGBL014	614716	5955889			Outcrop	Vein	148	83	W	Plagioclase porphyry dyke 140 cm wide is adjacent to vein, mainly qtz veining; manganese and iron oxidization
EGDB001	614595	5955981	1942	6	Outcrop	20, 20				Outcrop 100 m from vein; light grey to rusty orange to light green with patchy hematite weathered surface; dark grey to light green to slight maroon matrix on fresh surface; wet surface shows hematite replacement of clasts <1%, chlorite replacement of clasts ~80%, area of epidote replacement in matrix with clasts unaltered ~2%, as go up in elevation epidote increases to ~15%; strongly magnetic; hematite forms paths and banding; minor amounts of carbonate (calcite) in patches ~1 mm and at 2%; hairline veins of dark black magnetic minerals (magnetite) of random orientations very straight follows open fractures <1%; blocky open fractures strike 346 and 077; hand sample of 'unaltered' rock; andesite porphyry?
EGDB002	614560	5955995	1947	5	Outcrop	5,5				Light to dark grey and rusty orange weathered surface; light greenish grey fresh surface, with pink phenocrysts 5% about 2 mm K feldspar; nonmagnetic; carbonates present in matrix ~2%; blocky open joints strike 016 dip 52 SE and strike 010 dip 42 E; outcrop is 5 m by 5 m exposure; hematite crystals in elongated star patterns
EGDB003	614523	5956018	1952	6	Outcrop	5,5				Dark purple to maroon with bright orange weathered surface; bright maroon fresh surface which is very soft; peach to pink elongated patches within the matrix foliated; blocky open joints with soft (<3) green mineral (talc) grooved (slickensided); orientations of joints strike 078 dip 58 N and strike 002 dip near vertical; veining oriented with strike and appear localized on open joints

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Station_ID	Easting	Northing	Elevation	Accuracy	Outcrop /Float	Dimensions (width, height m); Meas. Type	Strike	Dip	Dir.	Description
EGDB004	614512	5956041	1958	6	Outcrop	5,5				Light greenish to grey with light orange weathered surface; maroon to light grey to greenish fresh surface; fine grained matrix with visible sulphides (chalcopyrite) 2% of 2-4 mm patchy; blocky open joints with halos in hairline fractures light range extended 4 mm each side; hard (>7); carbonates present within matrix 2%; no visible phenocrysts; joints strike 045 dip 70 S and strike 144 dip 52 SW
EGDB005	614374	5956028	1955	7	Outcrop					Same as EGDB004; hard (>7) with sub mm sulphides present (pyrite)
EGDB006	614397	5956098	1971	5	Outcrop	5,5				Same as EGDB004
EGDB007	614458	5956138	1966	6	Outcrop					Same as EGDB004 except there are no visible sulphides
EGDB008	614478	5956147	1967	6	Outcrop					Same as EGDB003; spidery yellowed vein network on weathered surface (epidote?)
EGDB010	614548	5956140	1966	7	Outcrop	5, 3				By lake; light grey to green weathered surface; light green grey fine grained matrix; lots of carbonates within matrix and ~10%; clasts altered to chlorite with zoning of the carbonate/chlorite of the clasts; clasts are 1 mm to 8 mm in size and angular; nonmagnetic; ~2% small 1 mm black minerals (hornblende?); stringers of nonmagnetic black sub mm run at ~60 to strike of jointing with rare crenulation ~1% seen and strike 132 near vertical dip
EGDB011	614557	5956112	1965	6	Outcrop	8, 8				Maroon weathered surface (breccia looking); maroon fresh surface; fine grained matrix; layered: 10 cm wide layer of 2 mm to 10 mm clasts mainly (90%) rounded and aligned (foliated) in same direction, larger 150 mm clasts in other layer; sulphides visible <1% in some matrix <1% sub mm (pyrite, chalcopyrite); magnetic: magnetite disseminated visible in matrix <1% sub mm; blocky joints strike 132; bedding strike 132; resedimented volcanics andesitic
EGDB012	614573	5956111	1967	8	Outcrop					Same as EGDB010; 330/66E
EGDB013	614622	5956111	1964	9	Outcrop					Light maroon to light orange weathered surface; fine grained maroon matrix; epidote crystals ~3% and 2 mm in patches; clasts/phenocrysts are altered green (chlorite); carbonates throughout matrix and in clasts ~5%; open blocky joints strike 132
EGDB014	614616	5956078	1955	6	Outcrop					Same as EGDB013
EGDB015	614624	5956060	1956	6	Outcrop					Same as EGDB013
EGDB016	614679	5956142	1963	6	Outcrop	20, 20				Green to rusty orange weathered surface; green fresh surface; fine grained; clasts 1-3 mm, darker green angular and crowded @~20%; hematite present; carbonates pervasive ~30% within matrix and as clasts ~2 mm; blocky open joints strike 108 and dip 52 N; <<1% disseminated amorphous pyrite ~1 mm; epidote crystals <1% and 1-2 mm; ~20 m area
EGDB017	614758	5956164	1966	5	Outcrop					Same as EGDB016
EGDB018	614799	5956132	1959	7	Outcrop					Same as EGDB016 except pervasive carbonate alteration and increased sulphides ~1% chalcopyrite and pyrite
EGDB019	614828	5956113	1953	5	Outcrop					Same as EGDB016; blocky open joints strike 052 dip 58 N
EGDB020	614851	5956115	1952	7	Outcrop					Same as EGDB018; large patch chalcopyrite, amorphous ~5 mm in weathered open joint coated with calcite; strike 134 dip near vertical
EGDB021	614870	5956184	1964	6	Outcrop					Same as EGDB013; blocky open joints strike 330; 10 m lower in elevation same as EGDB016
EGDB022	614915	5956181	1958	6	Outcrop					Same as EGDB016; chalcopyrite ~3% patchy; blocky open joints strike 051 with near vertical dip and at strike 120 with a near vertical dip
EGDB023	614923	5956266	1952	7	Outcrop	joint	62	V		Same as EGDB011 except not maroon; crystalline epidote present along/coating open joints that strike 062 with a near vertical dip; slickensided on some open joints; epidote healed joints also present

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Station_ID	Easting	Northing	Elevation	Accuracy	Outcrop /Float	Dimensions (width, height m); Meas. Type	Strike	Dip	Dir.	Description
EGDB024	614894	5956257	1954	11	Outcrop					Same as EGDB016 except increased sulphides ~5% chalcopyrite and pyrite; blocky open joints strike 248 and dip near vertical
EGDB025	614859	5956296	1956	8	Outcrop					White to light grey to rusty orange (limonite) weathered surface; greenish-blue grey fresh surface; pyrite associated with patches of calcite ~7% (calcite); blocky open joints slickensided and strike 027 dip 72 SE; dark green minerals present (augite) ~10% and 10 mm; smaller 1 mm white sparry calcite
EGDB026	614796	5956646	1934	7	Outcrop					Same as EGDB023; carbonates still present; sulphides <<1% sub mm pyrite; blocky open joints 320; larger angular blocks in matrix present; resedimented volcanics andesitic; nonmagnetic black hairline veins aligned with strike with ~1 mm aura into rock dark stains (chalcocite?)
EGDB027	614993	5956149	1944	6	Outcrop					Same as EGDB016 except large epidote crystals within open fractures and no visible sulphides; difficult to tell strike direction
EGDB028	615052	5956055	1931	6	Outcrop					Strongly magnetic; dark grey weathered surface; dark grey to maroon to light green fresh surface; fine grained disseminated sub mm magnetite ~7% plus possible pyrite <1% sub mm; hairline veins/joints present <1%; pervasive carbonates in matrix and along hairline joints; soft (<7); many broken joints strike 246
EGDB029	614955	5955908	1898	6	Outcrop					Mixture of maroon and green fine grained matrix in 10 m area; lots of carbonates 20%; strongly magnetic disseminated sub mm magnetite in matrix ~5%; calcite stringers ~1% and hairline; soft (<7); hematite/limonite ~5%; no visible sulphides
EGDB030	615028	5955927	1899	6	Outcrop					Looks like very altered 'resedimented' volcanics?; carbonates present ~15%; rare visible sulphides (pyrite, chalcopyrite, bornite?) <1%, sub mm disseminated
EGDB031	615127	5955939	1906	8	Outcrop					Grey to light orange weathered surface; fresh surface varies from light to dark green to maroon as move east over 10 m; maroon is strongly magnetic ~10% magnetite and sub mm with no visible sulphides; light and dark green are nonmagnetic with sulphides present ~2% chalcopyrite with visible malachite <<1%; blocky strike 094 dip 64 SW
EGDB032	615152	5955933	1902	6	Outcrop					Dark grey weathered; maroon matrix fine grained with ~30% light green 3 mm minerals (chlorite?); hematite present as replacement of minerals ~3%; carbonates pervasive and as clasts ~20% and 2 mm; no visible sulphides
EGDB033	615181	5955954	1887	7	Outcrop	Vein	338	82	E	Area of quartz veining druzy quartz large 5 mm crystals strike 328; some 1% carbonates present in patches leaves dried HCl with a pure S residue possible Barite present in vein; vein contains chalcopyrite, dark black submetallic mineral (chalcocite/sphalerite), and galena; sulphides decrease as go up in elevation; veins range from 1 mm to ~20 mm width and are very continuous along strike with few branches; wallrock is weathered similar to other 2 veins dark grey and rusty coloured; wall rock is hard siliceous with carbonates present in patches ~5% then breccia with hematite replacement of clasts; ~5 m wide
EGDB033B	615157	5955978	1903	6	Outcrop					Extension of EGDB033; top point in an old trench?; ~20 mm vein; vein strike 132 dip 82; lose northern portion of vein under overburden?
EGDB033C	615221	5955918	1870	9	Outcrop					Extension of EGDB033; bottom visible extent of vein; vein #1 strike ~114
EGDB033D	615266	5955881	1841	7	Outcrop					Extension of EGDB033; very bottom extent of vein; lots of galena ~20% to 100% of the vein; found 2 more veins along road; vein #2 strike 340 dip 80 SW; vein #3 strike 338 dip 82 NE
EGDB034	615190	5955925	1884	7	Outcrop					Maroon breccia same as EGDB011
EGDB035	615238	5955863	1826	8	Outcrop					Green aphanitic fine grained matrix with hematite; same as EGDB029; nonmagnetic; one shear strikes 056 dip 44 W

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Station_ID	Easting	Northing	Elevation	Accuracy	Outcrop /Float	Dimensions (width, height m); Meas. Type	Strike	Dip	Dir.	Description
EGDB036	615182	5955837	1835	8	Outcrop					Maroon with calcite nodules same as EGDB011; clay gouge ~10 mm strike 134 dip near vertical
EGDB037	615148	5955832	1844	8	Outcrop					Pink to maroon fine grained very altered andesitic lapilli tuff as EGDB011
EGDB038	614719	5955833	1868	10	Outcrop					West of adit by old ore dump; abundant carbonates ~30% as spars; rare sulphides (pyrite, chalcopyrite) <<1%; light grey fine grained matrix; light to dark grey weathered surface with rare light orange rusty patches (limonite) ~3%; soft (<7); nonmagnetic; <1% calcite veins hairline with limonite coating fractures; very altered by carbonates rock
EGDB039	614929	5955855	1863	6	Outcrop					Very pale greenish grey weathered and fresh surface; fine grained matrix; phenocrysts ~10% quartz, 3% hornblende and 2% light yellow, hard (>7), vitreous, translucent mineral (epidote?); rhyodacite flow?
EGDB040	614933	5955811	1861	6	Outcrop					Very rusty red-orange weathered surface (limonite); very dark grey fresh surface; fine grained; no visible phenocrysts or clasts; looks 'baked'; no visible carbonates; goethite present in joints; numerous fractures and joints at random orientations as well as a shear with a strike of 144
EGDB041	614993	5955843	1870	8	Outcrop					Similar to EGDB039 except slightly darker greenish grey and strongly magnetic; ~2% disseminated sub mm magnetite and increased veining hairline carbonate (calcite) strike 210 and dip 38 NW
EGDB042	615035	5955834	1864	9	Outcrop					Maroon weathered and fresh surfaces; very fine grained; rare ~2% clasts/phenocrysts of dark green (chlorite); epidote healed joints strike 068 dip 58 S and strike 140 dip 76 NE
EGDB043	615083	5955826	1853	10	Outcrop					Same as EGDB042 except slightly magnetic, patchy green areas in matrix and dark greenish black nodules ~3%; slightly magnetic
EGDB044	615316	5955937	1824	8	Outcrop					Fine grained dark green matrix; abundant disseminated sulphides pyrite, galena and chalcopyrite; chalcocite(?, or argillic alteration?) in veins plus quartz ~5 mm ~3% strike 312 and near vertical dip; dark green same as EGDB042 except dark green and quartz veining
EGDB044B	615333	5955949	1822	12	Outcrop					Extension of EGDB044; same veining
EGDB045	615366	5955965	1816	8	Outcrop					Same as EGDB042; maroon
EGDB046	615372	5955882	1789	8	Outcrop					Same as EGDB042; maroon with green clasts/phenocrysts (chlorite)
EGDB047	615335	5955800	1776	8	Outcrop					Vein #4; thin veneer of galena coating joints with pyrite cubes in open spaces; wall rock is very baked, altered and weathered; powdery (weathered) white mineral not carbonate present in vein (barite); slide area and unable to measure width ~1 m and hard to accurately measure strike 010; wall rock shows numerous veins strike 004 dip 64 W appear to go into the hill; wall rock same lithology as EGDB042 maroon with green clasts/phenocrysts with fuzzy boundaries
EGDB048	615313	5955794	1777	9	Outcrop					Vein #5; 3(?) veins ~15 cm and 2 cm; very weathered but has druzy quartz in vein ~5 mm and weathered out sulphides(?) possible galena; some <1% pyrite cubes still present and sphalerite crystals (red and orange) but mainly clayey (argillic alteration); wall rock similar to EGDB042; veins strike 340 near vertical dip, strike 348 near vertical dip and strike 302 with near vertical dip
EGDB049	615270	5955774	1786	8	Outcrop					Light green fine grained matrix; sparry calcite ~40% and calcite along open joints; some portions of outcrop are also maroon (andesitic lapilli tuff)

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Station_ID	Easting	Northing	Elevation	Accuracy	Outcrop /Float	Dimensions (width, height m); Meas. Type	Strike	Dip	Dir.	Description
EGDB050	615251	5955768	1791	9	Outcrop					Vein #6; 3 veins strike 318 dip 52 E, strike 272 dip ?, heads into hill, strike 326 dip 32 E; same as EGDB048
EGDB051	615212	5955755	1791	6	Outcrop					Light green weathered with rusty orange (limonite); dark grey to green fresh surface; fine grained; carbonate rich ~20% in matrix; dark green phenocrysts ~2 mm and at 15%; andesitic augite porphyry; blocky open joints strike 060 and dip near vertical and at 52 N
EGDB052	615191	5955750	1793	7	Outcrop	Bedding	342	44	E	Siltstone/Sandstone lithic; light grey siltstone weathers white; sandstone dark grey matrix with quartz clasts ~ 2 mm; no visible carbonates; chalcopyrite/goethite(?) visible on siltstone weathered surface over 4 m area; quartz veining present along bedding planes; very weathered; difficult to get fresh surface to check for sulphides in matrix; no visible carbonates; Vein #7
EGDB053	615159	5955745	1805	7	Outcrop					Same as EGDB052
EGDB054	615139	5955683	1789	6	Outcrop	Bedding	300	38	NE	Lithic sandstone; carbonate rich rock ~2%
EGDB055	615180	5955686	1779	6	Outcrop					Vein #8; quartz-calcite vuggy galena plus chalcopyrite; ~30 cm wide vein strikes 288 with near vertical dip; in old trench(?); limonite in weathered cavities; wallrock possibly lithic sandstone with carbonates; some weathered float has visible malachite
EGDB056	615244	5955664	1766	5	Outcrop					Coarse grained; dark greenish grey; lithic matrix; rounded ~12 mm quartz clasts; conglomerate; carbonate rich; calcite spars ~30%
EGDB057	615319	5955626	1743	5	Outcrop					Possible lower exposure of vein # 8 (EGDB056); strike across hill with the contours 090; beside vein is carbonate altered rock with calcite spars in fine grained light green matrix
EGDB058	615185	5955537	1727	7	Outcrop					Light green; carbonate altered rock with magnetite ~7% disseminated 1 mm; magnetic
EGDB059	615037	5955541	1713	8	Outcrop	30, 20				Same as EGDB058 except nonmagnetic; light green carbonate altered rock
EGDB060	615035	5955539	1700	8	Outcrop					Vein #9; very 'baked' black weathered chalcocite(?) (argillic alteration?) with goethite and powdery white mineral not carbonate (barite?); sphalerite red to orange crystals ~5% and 2-3 mm within vein; vein strike 099 and dip is near horizontal
EGDB061	615035	5955529	1698	8	Outcrop					Shears run vertical up elevation strike 000; very baked and altered to clays; sulphides present in country rock (pyrite, <1%, disseminated, sub mm); wall rock is very dark grey, fine grained, hard and crumbly, nonmagnetic
EGDB062	615044	5955501	1685	10	Outcrop					Maroon with chlorite altered clasts/phenocrysts; slightly magnetic
EGDB063	614580	5955917	1915	6	Outcrop					Maroon; fine grained; rare chlorite clasts; ~2% carbonates present (calcite); no visible sulphides; blocky open joints strike 098 with near vertical dip
EGDB064	614535	5955940	1922	5	Outcrop					Green; fine grained; slightly magnetic; <1% sulphides present as disseminated sub mm chalcopyrite in ~2 mm patches
EGDB065	614317	5956100	1963	5	Outcrop					Very rusty orange and red weathered surface; light tan fresh surface; very fine grained; nonmagnetic; no visible sulphides; site of an old sample
EGDB066	614300	5956093	1962	7	Outcrop					Rust red coating to light orange weathered (limonite); dark grey; granular ~1 mm grain size with ~7% dark black vitreous disseminated mineral (hornblende); nonmagnetic
EGDB067	614289	5956085	1959	6	Outcrop					Orange to rust red weathered surface (limonite); light grey fresh surface; fine grained; light yellowish white elongated to rounded mineral very soft (<3) with greasy feel (talc); foliated in one direction strike 000 dip 20 S

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Station_ID	Easting	Northing	Elevation	Accuracy	Outcrop /Float	Dimensions (width, height m); Meas. Type	Strike	Dip	Dir.	Description
EGDB068	614285	5956082	1959	6	Outcrop					Rusty orange red weathered surface (limonite); light greyish tan fresh surface; small 1 mm dark black minerals present (hornblende) appears slightly granular in texture ; nonmagnetic; hard (>7)
EGDB069	614268	5956070	1954	9	Outcrop					Quartz vein ~ 3 cm with no visible sulphides strikes 262 and near vertical dip; some veins are curved or folded; next to pink and green fine grained rock with blocky open joints striking 262 ~10% K feldspar with blurred mineral edges (argillic alteration?) and 5% (augite?) dark green ~2 mm; goethite on weathered surface
EGDB070	614256	5956066	1962	8	Outcrop					Light grey fine grained matrix; dark orange rusty red weathered surface (limonite); dacitic tuff; visible sulphides pyrite <1% disseminated and sub mm; carbonates present ~2% in matrix
EGDB071	614246	5956036	1950	9	Outcrop					Same as EGDB069; blocky open joints strike 124 dip near vertical and strike 034 dip 20 SE
EGDB072	614219	5956017	1938	7	Outcrop					Same as EGDB070 except no visible sulphides or carbonates
EGDB073	614275	5955835	1864	7	Outcrop					Same as EGDB070 except large 30 mm patches of epidote; no visible sulphides; nonmagnetic; visible carbonate patches in matrix ~3%
EGDB074	614177	5955815	1831	9	Outcrop					Same as EGDB070 except carbonates in 15 mm patches; no visible sulphides but botryoidal goethite present in cavities between calcite and the rock
EGDB075	614249	5955742	1832	6	Outcrop					Same as EGDB070 except no visible sulphides
EGDB076	614268	5955712	1837	7	Outcrop					Contact(?) looks like mafic stringers in 2 mm coming through the Dacitic Tuff; nonmagnetic; no visible sulphides; carbonates <1% present along the mafic stringers
EGDB077	614247	5955692	1838	8	Outcrop	4, 4				Vein #10; druzy quartz <1% carbonate possibly with barite <1% galena and sphalerite; contact with Dacitic Tuff; vein strike 306 with a near vertical dip; 4 m exposed area
EGDB078	614227	5955657	1824	7	Outcrop					Contact Dacitic Tuff and Andesitic Lapilli Tuff; veins present in Andesitic Lapilli Tuff hairline to 2 mm; no visible sulphides; druzy quartz (some carbonate <1%) in veins
EGDB079	614306	5956152	1970	8	Outcrop					Same as EGDB065; greywacke?
EGDB080	614381	5956312	1980	6	Outcrop					Fine grained; light greyish tan matrix with large 10 mm to 2 mm white phenocrysts (calcite) and small black phenocrysts (hornblende?)
EGDB081	614376	5956334	1986	5	Outcrop					Dacitic Tuff; same as EGDB070 except no sulphides
EGDB082	614403	5956408	1979	5	Outcrop					Same as EGDB065; greywacke?
EGDB083	614419	5956445	1976	8	Outcrop	5, 5				Dacitic Tuff with ~4% disseminated sub mm silvery (galena or pyrite) and yellow (pyrite and chalcopyrite) sulphides; ~5 m area; ~2% carbonates (calcite) in matrix
EGDB084	614441	5956469	1978	5	Outcrop					Same as EGDB083
EGDB085	614452	5956504	1979	6	Outcrop					Same as EGDB083 except no sulphides
EGDB086	614441	5956783	1988	7	Outcrop					Same as EGDB070 with pyrite disseminated 1 mm and 1%
EGDB087	614522	5956887	2011	7	Outcrop					East of Emerald Glacier; mixture of dacitic tuff plus mafic very fine grained, very dark, hard (<7) and has quartz veinlets 2% and ~ hairline to 8 mm rusty coloured in patches with thin stringers of chalcopyrite (~90% in one vein) (basalt); either side of this point is dacitic tuff with no visible sulphides and no carbonates; hand sample of basalt
EGDB088	614557	5956955	2016	6	Outcrop					Very dark grey; very fine grained; no visible phenocrysts; very hard (>7); same as EGDB087 except no tuffs on either side; 2% quartz veining at random orientations still present but no visible sulphides
EGDB089	614599	5956967	2016	6	Outcrop					Same as EGDB088 with veining and greenish sulphide (chalcopyrite)

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Station_ID	Easting	Northing	Elevation	Accuracy	Outcrop /Float	Dimensions (width, height m); Meas. Type	Strike	Dip	Dir.	Description
EGDB090	614320	5956262	1980	8	Outcrop					Black to rusty orange red (limonite) weathered surface; very light grey fresh surface; small black phenocrysts (hornblende) present ~10% disseminated and localized in 'bands'; Dacitic Tuff?; small area very light tan and massive fine grained ~2 m wide of greywacke?; top NE portion of 30 m area has chalcopyrite mm size disseminated 1-2%; no visible carbonates
EGDB091	614279	5956299	1989	9	Outcrop					Very dark grey to black fresh surface; same as EGDB088 except pyrite cubes present in matrix ~2 mm plus silvery amorphous sulphides (pyrite?) ~3%
EGDB091B	614149	5956426	2005	6	Outcrop					Extension of EGDB091
EGDB092	614111	5956471	2014	7	Outcrop					Same as EGDB080; not certain if it is outcrop since it is very weathered and cobble-like (disaggregated); no visible carbonates or sulphides
EGDB093	614076	5956567	2028	6	Outcrop					Dacitic tuff?; lighter grey matrix with dark grey patches; pyrite cubes ~1 mm and 5%; no visible carbonates
EGDB094	614062	5956622	2043	6	Outcrop					Same as EGDB093 except open fractures have lathe shaped very thin micaceous minerals (muscovite?)
EGDB095	614001	595664	2041	9	Outcrop					Same as EGDB080
EGDB096	613975	5956655	2035	9	Outcrop					Fine grained basalt and dacitic tuff (same as EGDB093) contact
EGDB097	613871	5956774	2046	7	Outcrop					Along ridge; same as EGDB093 dacitic tuff except increase in dark grey minerals ~20% (hornblende) in some areas and patchy tan areas with decreased pyrite to ~1% with 2 mm cubes
EGDB099	613747	5956832	2029	8	Outcrop					Same as EGDB080 in contact with Dacitic Tuff (coarser grained, few carbonates <1% and sulphides (pyrite/chalcopyrite) present
EGDB100	613709	5956833	2021	7	Outcrop					Same as EGDB099; in contact with dacitic tuff with large calcite nodules
EGDB101	613656	5956834	2008	9	Outcrop					Same as EGDB097
EGDB102	613608	5956831	2007	9	Outcrop					Same as EGDB093; very fine grained with disseminated sulphides ~2% sub mm (pyrite?)
EGDB104	613366	5956915	1997	6	Outcrop					Dacitic Tuff?; coarser grained with quartz patches with sulphides pyrite <1%; large dark brown patches of very hard (>7) vitreous and opaque (hornblende?)
EGDB105	613864	5956882	2045	6	Outcrop					Contact between calcite spars in dacitic tuff and no carbonates in dacitic tuff
EGDB106	613904	5956967	2032	6	Outcrop					Dark grey fine grained soft (<7); no visible carbonates; <<1% sulphides disseminated sub mm silvery and yellow (pyrite)
EGDB107	614125	5956617	2027	8	Outcrop					Basalt(?); same as EGDB088 only slightly lighter in colour with the same amount/size pyrite
EGDB108	614199	5956663	2023	8	Outcrop					Dark grey with a greenish tinge; <<1% sulphides pyrite disseminated sub mm; bright rusty red halo along weathered surface (limonite)
EGDB109	614237	5956588	2011	8	Outcrop					Same as EGDB108
EGDB110	614245	5956487	2000	6	Outcrop					Same as EGDB106
EGDB111	614269	5956375	1993	8	Outcrop					Same as EGDB106; dark fine grained with few <<<1% sulphides (pyrite) sub mm
EGDB112	614297	5956339	1987	8	Outcrop					Same as EGDB106 with flow top(?); planar areas of lighter colour with a strike of 020 and dip of 46 W and ~15 cm to 5 mm spacing between tops
EGDB113	614658	5956221	1968	6	Outcrop					Dacitic tuff; few pyrite disseminated <1% and sub mm; few carbonates (calcite) ~1%; nonmagnetic
EGDB114	614963	5956243	1966	9	Outcrop					Same as EGDB113
EGDB115	614726	5956247	1966	6	Outcrop					Same as EGDB113 except increased pyrite 1 patch ~3 mm and at 1%; increased K feldspars in groundmass ~2% (tan colour); carbonates (calcite) increases to~3%; 1 shear strike 094 dip 56 N; blocky open joints strike 330 and near vertical dip
EGDB116	614750	5956341	1965	6	Outcrop					Same as EGDB113 except increase in sulphides 1 mm and 2% pyrite (yellow and silvery); increased carbonates to 5%

Miya Field Mapping Stations (Zone 9 NAD 83)

Station_ID	Easting	Northing	Elevation	Accuracy	Outcrop /Float	Dimensions (width, height m); Meas. Type	Strike	Dip	Dir.	Description
EGDB117	614725	5956357	1964	6	Outcrop					Maroon lapilli/block tuff; andesitic; large fragments ~20 cm; nonmagnetic; ~1% carbonates (calcite); massive; numerous 3% veins on north side of outcrop; no visible sulphides; veins quartz; wall rock siliceous; veins tend to strike 254 with near vertical dip
EGDB118	614662	5956329	1970	5	Outcrop					Dacitic tuff; same as EGDB115; quartz vein ~10 cm strike 328 dip 22 NW; no visible sulphides some rusty weathering in vein; carbonates (calcite) ~2%; nonmagnetic
EGDB119	614647	5956296	1970	5	Outcrop					Same as EGDB118; pyrite and chalcopyrite surrounding the vein at edge with wallrock ~2%
EGDB120	615444	5956067	1799	12	Outcrop					Maroon andesitic lapilli tuff; propylitic alteration of clasts (chlorite and epidote); nonmagnetic; massive; no visible sulphides; carbonates (calcite) ~10% lots of effervescence
EGDB121	615413	5956105	1827	8	Outcrop					Dacitic tuff; very fine grained grey; ~10% carbonates (calcite); no visible sulphides; weathered skin is reddish limonite; nonmagnetic
EGDB122	615451	5956144	1820	10	Outcrop					Same as EGDB121 except epidote patches ~8 mm and 7%; nonmagnetic; matrix appears more siliceous; <<1% pyrite sub mm in epidote patches; dacitic to andesitic tuff
EGDB122B	615466	5956156	1819	10	Outcrop					Extension of EGDB122; carbonates present 2% and no visible epidote
EGDB123	615528	5956209	1810	8	Outcrop					Same as EGDB122 with some patches with no visible epidote to the SW
EGDB124	615706	5956194	1783	10	Outcrop					Same as EGDB120; lots of carbonates ~20% (calcite) with no visible sulphides
EGDB130	615679	5956063	1792	7	Outcrop					Same as EGDB127; except no hematite, epidote or carbonates; chlorite still present
EGDB131	615624	5955980	1775	7	Outcrop					Same as EGDB127; patchy magnetic; patchy carbonates ~3%; no visible sulphides
EGDB132	615549	5955632	1717	7	Outcrop					Dacitic tuff; patchy epidote mainly as veins?; greenish coloured veins; no visible carbonates, sulphides or hematite; 20 m area; some <<1% quartz veining ~10 mm to 20 mm with no visible sulphides although a slight orange colour on weathered surface; vein strike along random fractures not associated with joints except as bleeders into joints where intersects; blocky joints 048 with near vertical dip
EGDB133	615544	5955533	1707	7	Outcrop					Same as EGDB132 except smaller and fewer veins <<<1% and 1 mm and increase carbonates (calcite) to 10% and calcite spars ~2 mm
EGDB134	615447	5955509	1698	8	Outcrop					Same as EGDB132 except lighter (tan) in colour for matrix and visible dark green phenocrysts (augite?) ~5% and 2 mm; no visible veining
EGDB135	615441	5955514	1697	9	Outcrop	Bedding	14	60	S	Sandstone; fine grained green matrix with <1% calcite and 15% rounded quartz ~3 mm; patchy magnetic ~1%
EGDB136	615409	5955530	1704	9	Outcrop					Andesitic flow?; light green fine grained matrix; ~10% dark green minerals (augite?) and 1 mm to 20 mm; nonmagnetic; some <1% filled fractures with calcite; open joints strike 286 dip near vertical; entire switchback alternates between maroon andesite tuff and andesite flow; numerous shears running parallel to contours and vertically
EGDB136B	615219	5955494	1687	8	Outcrop					Extension of EGDB136
EGDB138	615209	5955329	1604	9	Outcrop					Same as EGDB137 except lighter to darker grey with pyrite in matrix ~1% disseminated and 1 mm; carbonates present along joints strike 117 and 012 and fractures; numerous shears wavy along contours; lower portion finer grains and darker with pyrite ~1% and 1 mm (basalt?)(andesite?); contact is baked with ~5 mm of charcoal like substance (flow top?); top 3 m is dacitic tuff very light grey to tan in colour; ~20 m area length; horizontal contact

Miya Field Mapping Stations (Zone 9 NAD 83)

Station_ID	Easting	Northing	Elevation	Accuracy	Outcrop /Float	Dimensions (width, height m); Meas. Type	Strike	Dip	Dir.	Description
EGDB139	615099	5955316	1588	6	Outcrop					Lighter coloured dacitic tuff; numerous shears along contours, no visible veining, <<1% pyrite sub mm; no visible carbonates; goethite coating on some shears and joint surfaces

Miya Field Mapping Stations (Zone 9 NAD 83)

Station_ID	Hand Sample	Assay Sample	Picture	Date	Lithology	Lithology Code	Veining
EGDB009	Yes	829028	No	14-Aug-08	Andesitic Pyroxene Porphyry	Ap	
EGAM014	Yes	829029	No	16-Aug-08	Quartz Vein	Qv	
EGDB103	Yes	829030	No	19-Aug-08	Dacitic Tuff	Dt	
829031		829031					
EGDB098	Yes	829032	No	19-Aug-08	Dacitic Tuff	Dt	
EGAM001	Yes	829033	No	31-Jul-08	Dacitic Tuff	Dt	
EGDB137	Yes	829034	No	20-Aug-08	Dacitic Tuff	Dt	
EGAM002	Yes		No	31-Jul-08	Dacitic Tuff	Dt	
EGAM003	Yes		No	31-Jul-08	Dacitic Tuff	Dt	
EGAM004	Yes		Yes	31-Jul-08	Dacitic Tuff	Dt	
EGAM005	Yes		No	31-Jul-08	Dacitic Tuff	Dt	1%
EGAM006				31-Jul-08	Drill Hole		
EGAM007	No		No	16-Aug-08	Dacitic Tuff	Dt	
EGAM008	No		No	16-Aug-08	Dacitic Tuff	Dt	
EGAM009	No		No	16-Aug-08	Dacitic Tuff	Dt	
EGAM010	No		No	16-Aug-08	Dacitic Tuff	Dt	

Miya Field Mapping Stations (Zone 9 NAD 83)

Station_ID	Hand Sample	Assay Sample	Picture	Date	Lithology	Lithology Code	Veining
EGAM011	No		No	16-Aug-08	Dacitic Tuff	Dt	
EGAM012	No		No	16-Aug-08	Dacitic Tuff	Dt	
EGAM013	No		No	16-Aug-08	Dacitic Tuff	Dt	
EGAM015	No		No	16-Aug-08	Quartz Vein	Qv	
EGAM016	No		No	17-Aug-08	Dacitic Tuff	Dt	
EGAM018	No		No	17-Aug-08	Dacitic Tuff	Dt	
EGAM019	No		No	17-Aug-08	Dacitic Tuff	Dt	
EGAM020	No		No	17-Aug-08	Quartz Vein	Qv	
EGAM021	No		No	17-Aug-08	Andesitic Pyroxene Porphyry	Ap	
EGAM022	No		No	17-Aug-08	Dacitic Tuff	Dt	
EGAM023	No		No	17-Aug-08	Hornfels	Hf	
EGAM024	No		No	17-Aug-08	Dacitic Tuff	Dt	
EGAM025	No		No	17-Aug-08	Hornfels	Hf	
EGAM026	No		No	17-Aug-08	Dacitic Tuff	Dt	
EGAM027	No		No	17-Aug-08	Dacitic Tuff	Dt	
EGAM028	No		No	17-Aug-08	Dacitic Tuff	Dt	
EGAM028B	No		No	17-Aug-08	Dacitic Tuff	Dt	
EGAM029	No		No	17-Aug-08	Volcanic Sandstone	Sa	
EGAM030	No		No	18-Aug-08	Dacitic Tuff	Dt	
EGAM031	No		No	18-Aug-08	Dacitic Tuff	Dt	
EGAM032	No		No	18-Aug-08	Dacitic Tuff	Dt	
EGAM033	No		No	18-Aug-08	Dacitic Tuff	Dt	
EGBL001	Yes		Yes	31-Jul-08	Volcanic Sandstone	Sa	
EGBL002	Yes		Yes	31-Jul-08	Volcanic Sandstone	Sa	
EGBL003	No		No	31-Jul-08	Volcanic Sandstone	Sa	
EGBL004	Yes		Yes	31-Jul-08	Volcanic Sandstone	Sa	
EGBL005	Yes		Yes	31-Jul-08	Volcanic Sandstone	Sa	

Miya Field Mapping Stations (Zone 9 NAD 83)

Station_ID	Hand Sample	Assay Sample	Picture	Date	Lithology	Lithology Code	Veining
EGBL006	Yes		Yes	31-Jul-08	Quartz Vein	Qv	
EGBL007	No		Yes	31-Jul-08	Quartz Vein	Qv	
EGBL008	Yes		Yes	31-Jul-08	Quartz Vein	Qv	
EGBL009	Yes		Yes	31-Jul-08	Andesitic Lapilli Tuff	At	
EGBL010	Yes		Yes	31-Jul-08	Quartz Vein	Qv	
EGBL011	No		No	31-Jul-08	Quartz Vein	Qv	
EGBL012	No		Yes	31-Jul-08	Andesitic Lapilli Tuff	At	
EGBL013	Yes		Yes	31-Jul-08	Quartz Vein	Qv	
EGBL014	No		No	31-Jul-08	Andesitic Pyroxene Porphyry	Ap	
EGDB001	Yes		No	14-Aug-08	Andesitic Lapilli Tuff	At	2%
EGDB002	No		No	14-Aug-08	Dacitic Tuff	At	
EGDB003	No		No	14-Aug-08	Andesitic Lapilli Tuff	At	

Miya Field Mapping Stations (Zone 9 NAD 83)

Station_ID	Hand Sample	Assay Sample	Picture	Date	Lithology	Lithology Code	Veining
EGDB004	No		No	14-Aug-08	Andesitic Lapilli Tuff	At	
EGDB005	No		No	14-Aug-08	Andesitic Lapilli Tuff	At	
EGDB006	No		No	14-Aug-08	Andesitic Lapilli Tuff	At	
EGDB007	No		No	14-Aug-08	Andesitic Lapilli Tuff	At	
EGDB008	No		No	14-Aug-08	Andesitic Lapilli Tuff	At	
EGDB010	No		No	15-Aug-08	Dacitic Tuff	Dt	1%
EGDB011	No		No	15-Aug-08	Andesitic Lapilli Tuff	At	
EGDB012	No		No	15-Aug-08	Dacitic Tuff	Dt	1%
EGDB013	No		No	15-Aug-08	Andesitic Lapilli Tuff	At	
EGDB014	No		No	15-Aug-08	Andesitic Lapilli Tuff	At	
EGDB015	No		No	15-Aug-08	Andesitic Lapilli Tuff	At	
EGDB016	Yes		No	16-Aug-08	Dacitic Tuff	Dt	
EGDB017	No		No	16-Aug-08	Dacitic Tuff	Dt	
EGDB018	Yes		No	16-Aug-08	Dacitic Tuff	Dt	
EGDB019	No		No	16-Aug-08	Dacitic Tuff	Dt	
EGDB020	No		No	16-Aug-08	Dacitic Tuff	Dt	
EGDB021	No		No	16-Aug-08	Andesitic Lapilli Tuff	At	
EGDB022	No		No	16-Aug-08	Dacitic Tuff	Dt	
EGDB023	Yes		No	16-Aug-08	Andesitic Lapilli Tuff	At	

Miya Field Mapping Stations (Zone 9 NAD 83)

Station_ID	Hand Sample	Assay Sample	Picture	Date	Lithology	Lithology Code	Veining
EGDB024	No		No	16-Aug-08	Dacitic Tuff	Dt	
EGDB025	No		No	16-Aug-08	Dacitic Tuff	Dt	
EGDB026	No		No	16-Aug-08	Andesitic Lapilli Tuff	At	
EGDB027	No		No	16-Aug-08	Dacitic Tuff	Dt	
EGDB028	No		No	16-Aug-08	Andesitic Lapilli Tuff	At	
EGDB029	No		No	16-Aug-08	Andesitic Lapilli Tuff	At	
EGDB030	Yes		No	16-Aug-08	Andesitic Lapilli Tuff	At	
EGDB031	No		No	16-Aug-08	Dacitic Tuff	Dt	
EGDB032	Yes		No	16-Aug-08	Andesitic Lapilli Tuff	At	
EGDB033	Yes		No	16-Aug-08	Andesitic Lapilli Tuff	At	1%
EGDB033B	No		No	16-Aug-08	Andesitic Lapilli Tuff	At	1%
EGDB033C	No		No	16-Aug-08	Andesitic Lapilli Tuff	At	1%
EGDB033D	No		No	16-Aug-08	Andesitic Lapilli Tuff	At	1%
EGDB034	No		No	16-Aug-08	Andesitic Lapilli Tuff	At	
EGDB035	No		No	16-Aug-08	Andesitic Lapilli Tuff	At	

Miya Field Mapping Stations (Zone 9 NAD 83)

Station_ID	Hand Sample	Assay Sample	Picture	Date	Lithology	Lithology Code	Veining
EGDB036	No		No	16-Aug-08	Andesitic Lapilli Tuff	At	
EGDB037	Yes		No	16-Aug-08	Andesitic Lapilli Tuff	At	
EGDB038	Yes		No	17-Aug-08	Dacitic Tuff	Dt	<1%
EGDB039	Yes		No	17-Aug-08	Rhyodacite Flow	Rf	
EGDB040	Yes		No	17-Aug-08	Greywacke	Gw	
EGDB041	No		No	17-Aug-08	Rhyodacite Flow	Rf	
EGDB042	No		No	17-Aug-08	Andesitic Lapilli Tuff	At	
EGDB043	Yes		No	17-Aug-08	Andesitic Lapilli Tuff	At	
EGDB044	No		No	17-Aug-08	Dacitic Tuff	Dt	3%
EGDB044B	No		No	17-Aug-08	Dacitic Tuff	Dt	3%
EGDB045	No		No	17-Aug-08	Andesitic Lapilli Tuff	At	
EGDB046	No		No	17-Aug-08	Andesitic Lapilli Tuff	At	
EGDB047	No		No	17-Aug-08	Andesitic Lapilli Tuff	At	
EGDB048	No		No	17-Aug-08	Andesitic Lapilli Tuff	At	
EGDB049	Yes		No	17-Aug-08	Dacitic Tuff	Dt	

Miya Field Mapping Stations (Zone 9 NAD 83)

Station_ID	Hand Sample	Assay Sample	Picture	Date	Lithology	Lithology Code	Veining
EGDB050	No		No	17-Aug-08	Andesitic Lapilli Tuff	At	
EGDB051	Yes		No	17-Aug-08	Andesitic Pyroxene Porphyry	Ap	
EGDB052	No		No	17-Aug-08	Siltstone	Sl	
EGDB053	No		No	17-Aug-08	Siltstone	Sl	
EGDB054	No		No	17-Aug-08	Volcanic Sandstone	Sa	
EGDB055	No		No	17-Aug-08	Volcanic Sandstone	Sa	
EGDB056	No		No	17-Aug-08	Conglomerate	Cg	
EGDB057	No		No	17-Aug-08	Dacitic Tuff	Dt	
EGDB058	No		No	17-Aug-08	Dacitic Tuff	Dt	
EGDB059	No		No	17-Aug-08	Dacitic Tuff	Dt	
EGDB060	No		No	17-Aug-08	Dacitic Tuff	Dt	
EGDB061	Yes		No	17-Aug-08	Greywacke	Gw	
EGDB062	No		No	17-Aug-08	Andesitic Lapilli Tuff	At	
EGDB063	No		No	18-Aug-08	Andesitic Lapilli Tuff	At	
EGDB064	No		No	18-Aug-08	Andesitic Lapilli Tuff	At	
EGDB065	Yes		No	18-Aug-08	Greywacke	Gw	
EGDB066	No		No	18-Aug-08	Hornfels	Hf	
EGDB067	Yes		No	18-Aug-08	Dacitic Tuff	Dt	

Miya Field Mapping Stations (Zone 9 NAD 83)

Station_ID	Hand Sample	Assay Sample	Picture	Date	Lithology	Lithology Code	Veining
EGDB068	No		No	18-Aug-08	Volcanic Sandstone	Sa	
EGDB069	Yes		No	18-Aug-08	Syenite Dike	Sy	
EGDB070	No		No	18-Aug-08	Dacitic Tuff	Dt	
EGDB071	No		No	18-Aug-08	Syenite Dike	Sy	
EGDB072	No		No	18-Aug-08	Dacitic Tuff	Dt	
EGDB073	No		No	18-Aug-08	Dacitic Tuff	Dt	
EGDB074	No		No	18-Aug-08	Dacitic Tuff	Dt	
EGDB075	No		No	18-Aug-08	Dacitic Tuff	Dt	
EGDB076	Yes		No	18-Aug-08	Dacitic Tuff	Dt	
EGDB077	Yes		No	18-Aug-08	Dacitic Tuff	Dt	
EGDB078	No		No	18-Aug-08	Andesitic Lapilli Tuff	At	<1%
EGDB079	No		No	18-Aug-08	Greywacke	Gw	
EGDB080	Yes		No	18-Aug-08	Dacitic Tuff	Dt	
EGDB081	No		No	18-Aug-08	Dacitic Tuff	Dt	
EGDB082	No		No	18-Aug-08	Greywacke	Gw	
EGDB083	No		No	18-Aug-08	Dacitic Tuff	Dt	
EGDB084	No		No	18-Aug-08	Dacitic Tuff	Dt	
EGDB085	No		No	18-Aug-08	Dacitic Tuff	Dt	
EGDB086	No		No	18-Aug-08	Dacitic Tuff	Dt	
EGDB087	Yes		No	18-Aug-08	Basalt	Bs	2%
EGDB088	No		No	18-Aug-08	Basalt	Bs	
EGDB089	No		No	18-Aug-08	Basalt	Bs	

Miya Field Mapping Stations (Zone 9 NAD 83)

Station_ID	Hand Sample	Assay Sample	Picture	Date	Lithology	Lithology Code	Veining
EGDB090	No		No	19-Aug-08	Dacitic Tuff	Dt	
EGDB091	Yes		No	19-Aug-08	Basalt	Bs	
EGDB091B	No		No	19-Aug-08	Basalt	Bs	
EGDB092	No		No	19-Aug-08	Dacitic Tuff	Dt	
EGDB093	Yes		No	19-Aug-08	Dacitic Tuff	Dt	
EGDB094	Yes		No	19-Aug-08	Dacitic Tuff	Dt	
EGDB095	No		No	19-Aug-08	Dacitic Tuff	Dt	
EGDB096	No		No	19-Aug-08	Dacitic Tuff	Dt	
EGDB097	No		No	19-Aug-08	Dacitic Tuff	Dt	
EGDB099	No		No	19-Aug-08	Dacitic Tuff	Dt	
EGDB100	No		No	19-Aug-08	Dacitic Tuff	Dt	
EGDB101	No		No	19-Aug-08	Dacitic Tuff	Dt	
EGDB102	No		No	19-Aug-08	Dacitic Tuff	Dt	
EGDB104	Yes		No	19-Aug-08	Dacitic Tuff	Dt	
EGDB105	No		No	19-Aug-08	Dacitic Tuff	Dt	
EGDB106	Yes		No	19-Aug-08	Basalt	Bs	
EGDB107	No		No	19-Aug-08	Basalt	Bs	
EGDB108	No		No	19-Aug-08	Dacitic Tuff	Dt	
EGDB109	No		No	19-Aug-08	Dacitic Tuff	Dt	
EGDB110	No		No	19-Aug-08	Basalt	Bs	
EGDB111	No		No	19-Aug-08	Basalt	Bs	
EGDB112	No		No	19-Aug-08	Basalt	Bs	
EGDB113	No		No	20-Aug-08	Dacitic Tuff	Dt	
EGDB114	No		No	20-Aug-08	Dacitic Tuff	Dt	
EGDB115	No		No	20-Aug-08	Dacitic Tuff	Dt	
EGDB116	No		No	20-Aug-08	Dacitic Tuff	Dt	

Miya Field Mapping Stations (Zone 9 NAD 83)

Station_ID	Hand Sample	Assay Sample	Picture	Date	Lithology	Lithology Code	Veining
EGDB117	No		No	20-Aug-08	Andesitic Lapilli Tuff	At	
EGDB118	No		No	20-Aug-08	Dacitic Tuff	Dt	
EGDB119	No		No	20-Aug-08	Dacitic Tuff	Dt	
EGDB120	No		No	20-Aug-08	Andesitic Lapilli Tuff	At	
EGDB121	No		No	20-Aug-08	Dacitic Tuff	Dt	
EGDB122	No		No	20-Aug-08	Dacitic Tuff	Dt	
EGDB122B	No		No	20-Aug-08	Dacitic Tuff	Dt	
EGDB123	No		No	20-Aug-08	Dacitic Tuff	Dt	
EGDB124	No		No	20-Aug-08	Andesitic Lapilli Tuff	At	
EGDB130	No		No	20-Aug-08	Andesitic Lapilli Tuff	At	
EGDB131	No		No	20-Aug-08	Dacitic Tuff	Dt	
EGDB132	No		No	20-Aug-08	Dacitic Tuff	Dt	<<1%
EGDB133	No		No	20-Aug-08	Dacitic Tuff	Dt	<<<1%
EGDB134	No		No	20-Aug-08	Dacitic Tuff	Dt	
EGDB135	No		No	20-Aug-08	Volcanic Sandstone	Sa	
EGDB136	Yes		No	20-Aug-08	Andesite Flow	Af	
EGDB136B	No		No	20-Aug-08	Andesite Flow	Af	
EGDB138	No		No	20-Aug-08	Dacitic Tuff	Dt	

Miya Field Mapping Stations (Zone 9 NAD 83)

Station_ID	Hand Sample	Assay Sample	Picture	Date	Lithology	Lithology Code	Veining
EGDB139	No		No	20-Aug-08	Dacitic Tuff	Dt	

Miya Field Mapping Stations (Zone 9 NAD 83)

Station_ID	Visible Sulphides	Sulphides	Sulphides Code	Alteration	Alteration Code	Secondary Alteration	Magnetic
EGDB009	Yes	Galena/Pyrite	ga,py	Propylitic	Prp	Oxidation	No
EGAM014	Yes	Galena/Pyrite	ga,py	Carbonatization	Car		No
EGDB103	Yes	Pyrite/Chalcopyrite	py,cp	Silicification	Sil	Oxidation	No
829031							
EGDB098	Yes	Pyrite/Chalcopyrite	py,cp	Argillic	Arg		No
EGAM001	Yes	Pyrite	py	Silicification	Sil	Oxidization	
EGDB137	Yes	Chalcocite	ch	Silicification	Sil	Argillic	No
EGAM002	Yes	Pyrite	py	Silicification	Sil	Oxidization	
EGAM003	Yes	Pyrite	py	Silicification	Sil	Oxidization	
EGAM004	No			Silicification	Sil	Oxidization	
EGAM005	Yes	Pyrite	py	Propylitic	Prp	Carbonatization/ Silicification	
EGAM006							
EGAM007	Yes	Pyrite/Sphalerite	py,sp	Carbonatization	Car	Propylitic	Yes
EGAM008	Yes	Pyrite	py	Carbonatization	Car	Propylitic	No
EGAM009	Yes	Pyrite	py	Carbonatization	Car	Propylitic	No
EGAM010	Yes	Pyrite	py	Carbonatization	Car	Propylitic	No

Miya Field Mapping Stations (Zone 9 NAD 83)

Station_ID	Visible Sulphides	Sulphides	Sulphides Code	Alteration	Alteration Code	Secondary Alteration	Magnetic
EGAM011	Yes	Pyrite	py	Carbonatization	Car	Propylitic	No
EGAM012	No			Carbonatization	Car	Propylitic	No
EGAM013	Yes	Chalcopyrite	cp	Carbonatization	Car		No
EGAM015	Yes	Galena/Pyrite	ga,py	Carbonatization	Car		No
EGAM016	Yes	Pyrite	py	Carbonatization	Car	Propylitic	No
EGAM018	Yes	Pyrite	py	Carbonatization	Car	Propylitic	No
EGAM019	Yes	Pyrite	py	Carbonatization	Car	Propylitic	No
EGAM020	Yes	Galena/Sphalerite/Pyrite	py,ga,sp	Carbonatization	Car		No
EGAM021	Yes	Pyrite	py	Oxidation	Oxi		No
EGAM022	Yes	Pyrite	py	Carbonatization	Car	Propylitic	No
EGAM023	No			Silicification	Sil		No
EGAM024	Yes	Pyrite	py	Carbonatization	Car	Propylitic	No
EGAM025	No			Silicification	Sil		No
EGAM026	Yes	Pyrite	py	Carbonatization	Car	Propylitic	No
EGAM027	No			Carbonatization	Car	Propylitic	No
EGAM028	Yes	Chalcopyrite	cp	Carbonatization	Car		No
EGAM028B	Yes	Chalcopyrite	cp	Carbonatization	Car		No
EGAM029	No			Carbonatization	Car	Oxidation	No
EGAM030	No			Carbonatization	Car	Propylitic	No
EGAM031	No			Carbonatization	Car	Propylitic	No
EGAM032	No			Carbonatization	Car	Propylitic	No
EGAM033	No			Carbonatization	Car	Propylitic	No
EGBL001	No			Oxidization	Oxi		
EGBL002	Yes	Chalcocite/Pyrite	ch,py	Silicification	Sil		
EGBL003	No			None	Non		
EGBL004	No			Oxidization	Oxi	Carbonatization	
EGBL005	Yes	Pyrite	py	Carbonatization	Car	Oxidation	

Miya Field Mapping Stations (Zone 9 NAD 83)

Station_ID	Visible Sulphides	Sulphides	Sulphides Code	Alteration	Alteration Code	Secondary Alteration	Magnetic
EGBL006	Yes	Chalcopyrite/ Sphalerite/ Malachite/Azurite/Galena	cp,sp,ma,az,ga	Silicification	Sil		
EGBL007	Yes	Chalcopyrite/ Sphalerite/ Malachite/Azurite/Galena	cp,sp,ma,az,ga	Silicification	Sil		
EGBL008	Yes	Sphalerite/Galena	sp,ga	Silicification	Sil		
EGBL009	No			Oxidization	Oxi		
EGBL010	No			Silicification	Sil		
EGBL011	No			Silicification	Sil		
EGBL012	Yes	Sphalerite/Galena	sp,ga	Silicification	Sil		
EGBL013	Yes	Sphalerite/Galena	sp,ga	Silicification	Sil		
EGBL014	Yes	Galena	ga	Silicification	Sil	Oxidation	
EGDB001	No			Propylitic	Prp	Oxidation	
EGDB002	No			Carbonatization	Car	Oxidation	No
EGDB003	No			Propylitic	Prp	Oxidation	No

Miya Field Mapping Stations (Zone 9 NAD 83)

Station_ID	Visible Sulphides	Sulphides	Sulphides Code	Alteration	Alteration Code	Secondary Alteration	Magnetic
EGDB004	Yes	Chalcopyrite	cp	Propylitic	Prp	Oxidation	No
EGDB005	Yes	Chalcopyrite/Pyrite	cp,py	Carbonatization	Car	Oxidation	No
EGDB006	Yes	Chalcopyrite/Pyrite	cp,py	Carbonatization	Car	Oxidation	No
EGDB007	No			Carbonatization	Car	Oxidation	No
EGDB008	No			Propylitic	Prp	Oxidation	No
EGDB010	No			Carbonatization	Car	Propylitic	No
EGDB011	Yes	Chalcopyrite/Pyrite	cp,py	Oxidization	Oxi		Yes
EGDB012	No			Carbonatization	Car	Propylitic	No
EGDB013	No			Carbonatization	Car	Propylitic	No
EGDB014	No			Carbonatization	Car	Propylitic	No
EGDB015	No			Carbonatization	Car	Propylitic	No
EGDB016	Yes	Pyrite	py	Carbonatization	Car	Propylitic/Oxidation	No
EGDB017	Yes	Pyrite	py	Carbonatization	Car	Propylitic/Oxidation	No
EGDB018	Yes	Chalcopyrite/Pyrite	cp,py	Carbonatization	Car	Propylitic/Oxidation	No
EGDB019	Yes	Pyrite	py	Carbonatization	Car	Propylitic/Oxidation	No
EGDB020	Yes	Chalcopyrite/Pyrite	cp,py	Carbonatization	Car	Propylitic/Oxidation	No
EGDB021	No			Carbonatization	Car	Propylitic	No
EGDB022	Yes	Chalcopyrite/Pyrite	cp,py	Carbonatization	Car	Propylitic	No
EGDB023	Yes	Chalcopyrite/Pyrite	cp,py	Oxidization	Oxi	Propylitic	No

Miya Field Mapping Stations (Zone 9 NAD 83)

Station_ID	Visible Sulphides	Sulphides	Sulphides Code	Alteration	Alteration Code	Secondary Alteration	Magnetic
EGDB024	Yes	Chalcopyrite/Pyrite	cp,py	Carbonatization	Car	Propylitic	No
EGDB025	No	Pyrite	py	Carbonatization	Car		No
EGDB026	Yes	Chalcocite/Pyrite	ch,py	Carbonatization	Car	Oxidation	No
EGDB027	No			Carbonatization	Car	Propylitic	No
EGDB028	Yes	Pyrite	py	Carbonatization	Car	Oxidation	Yes
EGDB029	No			Carbonatization	Car	Oxidation	Yes
EGDB030	Yes	Pyrite/Chalcopyrite/Bornite	py,cp,bo	Carbonatization	Car	Oxidation	No
EGDB031	Yes	Chalcopyrite/ Malachite	cp,ma	Carbonatization	Car		No
EGDB032	No			Propylitic	Prp	Oxidation	No
EGDB033	Yes	Chalcopyrite/ Sphalerite/Galena	cp,sp,ga	Silicification	Sil	Carbonatization	No
EGDB033B	Yes	Chalcopyrite/ Sphalerite/Galena	cp,sp,ga	Silicification	Sil	Carbonatization	No
EGDB033C	Yes	Chalcopyrite/ Sphalerite/Galena	cp,sp,ga	Silicification	Sil		No
EGDB033D	Yes	Chalcopyrite/ Sphalerite/Galena	cp,sp,ga	Silicification	Sil		No
EGDB034	Yes	Pyrite	py	Oxidization	Oxi	Propylitic	Yes
EGDB035	No			Oxidization	Oxi	Propylitic/ Carbonatization	Yes

Miya Field Mapping Stations (Zone 9 NAD 83)

Station_ID	Visible Sulphides	Sulphides	Sulphides Code	Alteration	Alteration Code	Secondary Alteration	Magnetic
EGDB036	No			Oxidization	Oxi	Propylitic/ Carbonatization	Yes
EGDB037	No			Oxidization	Oxi	Propylitic/ Carbonatization	Yes
EGDB038	No			Carbonatization	Car		No
EGDB039	No			Propylitic	Prp		No
EGDB040	No			Silicification	Sil		No
EGDB041	No			Propylitic	Prp		Yes
EGDB042	No			Oxidization	Oxi	Propylitic	No
EGDB043	No			Oxidization	Oxi	Propylitic	Yes
EGDB044	Yes	Chalcopyrite/ Galena/Chalcocite/Pyrite	cp,ga,ch,py	Silicification	Sil	Argillic	No
EGDB044B	Yes	Chalcopyrite/ Galena/Chalcocite/Pyrite	cp,ga,ch,py	Silicification	Sil	Argillic	No
EGDB045	No			Oxidization	Oxi	Propylitic	No
EGDB046	No			Oxidization	Oxi	Propylitic	No
EGDB047	Yes	Galena/Pyrite	ga,py	Oxidization	Oxi	Propylitic	No
EGDB048	Yes	Galena/ Sphalerite/Pyrite	ga,sp,py	Oxidization	Oxi	Propylitic/Argillic	No
EGDB049	No			Propylitic			No

Miya Field Mapping Stations (Zone 9 NAD 83)

Station_ID	Visible Sulphides	Sulphides	Sulphides Code	Alteration	Alteration Code	Secondary Alteration	Magnetic
EGDB050	Yes	Galena/ Sphalerite/Pyrite	ga,sp,py	Oxidization	Oxi	Propylitic/Argillic	No
EGDB051	No			Carbonatization	Car	Propylitic	No
EGDB052	Yes	Pyrite	py	Silicification	Sil		No
EGDB053	Yes	Pyrite	py	Silicification	Sil		No
EGDB054	No			Carbonatization	Car		No
EGDB055	Yes	Galena/ Chalcopyrite	ga,cp	Silicification	Sil		No
EGDB056	No			Carbonatization	Car		No
EGDB057	Yes	Galena/ Chalcopyrite	ga,cp	Silicification	Sil	Carbonatization	No
EGDB058	No			Carbonatization	Car		Yes
EGDB059	No			Carbonatization	Car		No
EGDB060	Yes	Sphalerite/ Chalcocite	sp,ch	Silicification	Sil	Argillic	No
EGDB061	Yes	Pyrite	py	Argillic	Arg		No
EGDB062	No			Oxidization	Oxi	Propylitic	Yes
EGDB063	No			Oxidation	Oxi	Propylitic/ Carbonatization	No
EGDB064	Yes	Chalcopyrite	cp	Oxidation	Oxi	Propylitic/ Carbonatization	No
EGDB065	No			Silicification	Sil		No
EGDB066	No			Silicification	Sil	Oxidation	No
EGDB067	No			Argillic	Arg		No

Miya Field Mapping Stations (Zone 9 NAD 83)

Station_ID	Visible Sulphides	Sulphides	Sulphides Code	Alteration	Alteration Code	Secondary Alteration	Magnetic
EGDB068	No			Oxidation	Oxi		No
EGDB069	No			Silicification	Sil	Argillic/Oxidation	No
EGDB070	Yes	Pyrite	py	Carbonatization	Car	Oxidation	No
EGDB071	No			Silicification	Sil	Argillic/Oxidation	No
EGDB072	No			Oxidation	Oxi		No
EGDB073	No			Propylitic	Prp	Carbonatization	No
EGDB074	No			Carbonatization	Car	Oxidation	No
EGDB075	No			Carbonatization	Car	Oxidation	No
EGDB076	No			Carbonatization	Car		No
EGDB077	Yes	Galena/Sphalerite	ga,sp	Silicification	Sil	Carbonatization	No
EGDB078	No			Silicification	Sil	Carbonatization	No
EGDB079	No			Silicification	Sil		No
EGDB080	No			Carbonatization	Car		No
EGDB081	No			Carbonatization	Car	Oxidation	No
EGDB082	No			Silicification	Sil		No
EGDB083	Yes	Galena/ Chalcopyrite/Pyrite	ga,cp,py	Carbonatization	Car		No
EGDB084	Yes	Galena/ Chalcopyrite/Pyrite	ga,cp,py	Carbonatization	Car		No
EGDB085	No			Carbonatization	Car		No
EGDB086	Yes	Pyrite	py	Carbonatization	Car	Oxidation	No
EGDB087	Yes	Chalcopyrite	cp	Silicification	Sil		No
EGDB088	No			Silicification	Sil		No
EGDB089	Yes	Chalcopyrite	cp	Silicification	Sil		No

Miya Field Mapping Stations (Zone 9 NAD 83)

Station_ID	Visible Sulphides	Sulphides	Sulphides Code	Alteration	Alteration Code	Secondary Alteration	Magnetic
EGDB090	Yes	Chalcopyrite	cp	Oxidation	Oxi		No
EGDB091	Yes	Pyrite	py	Silicification	Sil		No
EGDB091B	Yes	Pyrite	py	Silicification	Sil		No
EGDB092	No			Carbonatization	Car		No
EGDB093	Yes			Argillic	Arg		No
EGDB094	No			Argillic	Arg		No
EGDB095	No			Carbonatization	Car		No
EGDB096	No			Carbonatization	Car		No
EGDB097	Yes	Pyrite	py	Argillic	Arg		No
EGDB099	Yes	Pyrite/Chalcopyrite	py,cp	Argillic	Arg		No
EGDB100	Yes	Pyrite/Chalcopyrite	py,cp	Argillic	Arg		No
EGDB101	Yes	Pyrite	py	Argillic	Arg		No
EGDB102	Yes	Pyrite	py	Argillic	Arg		No
EGDB104	Yes	Pyrite	py	Silicification	Sil		No
EGDB105	No			Carbonatization	Car		No
EGDB106	Yes	Pyrite	py	None	Non		No
EGDB107	Yes	Pyrite	py	None	Non		No
EGDB108	Yes	Pyrite	py	Oxidation	Oxi	Propylitic	No
EGDB109	Yes	Pyrite	py	Oxidation	Oxi	Propylitic	No
EGDB110	Yes	Pyrite	py	None	Non		No
EGDB111	Yes	Pyrite	py	None	Non		No
EGDB112	Yes	Pyrite	py	None	Non		No
EGDB113	Yes	Pyrite	py	Carbonatization	Car		No
EGDB114	Yes	Pyrite	py	Carbonatization	Car		No
EGDB115	Yes	Pyrite	py	Carbonatization	Car		No
EGDB116	Yes	Pyrite	py	Carbonatization	Car		No

Miya Field Mapping Stations (Zone 9 NAD 83)

Station_ID	Visible Sulphides	Sulphides	Sulphides Code	Alteration	Alteration Code	Secondary Alteration	Magnetic
EGDB117	No			Silicification	Sil	Carbonatization	No
EGDB118	No			Silicification	Sil	Carbonatization/ Oxidation	No
EGDB119	Yes	Chalcopyrite/Pyrite	cp,py	Silicification	Sil	Carbonatization	No
EGDB120	No			Propylitic	Prp	Carbonatization	No
EGDB121	No			Carbonatization	Car	Oxidation	No
EGDB122	Yes	Pyrite	py	Propylitic	Prp	Silicification	No
EGDB122B	Yes	Pyrite	py	Carbonatization	Car		No
EGDB123	Yes	Pyrite	py	Propylitic	Prp	Silicification	No
EGDB124	No			Propylitic	Prp	Carbonatization	No
EGDB130	No			Propylitic	Prp		No
EGDB131	No			Carbonatization	Car		Yes
EGDB132	No			Silicification	Sil		No
EGDB133	No			Carbonatization	Car	Silicification	No
EGDB134	No			None	Non		No
EGDB135	No			None	Non		Yes
EGDB136	No			Oxidation	Oxi	Propylitic	No
EGDB136B	No			Oxidation	Oxi	Propylitic	No
EGDB138	Yes	Pyrite	py	Carbonatization	Car		No

Miya Field Mapping Stations (Zone 9 NAD 83)

Station_ID	Visible Sulphides	Sulphides	Sulphides Code	Alteration	Alteration Code	Secondary Alteration	Magnetic
EGDB139	Yes	Pyrite	py	Oxidation	Oxi		No

APPENDIX B
DETAILED VEIN FIELD MAPPING STATIONS AND DESCRIPTIONS

Detailed Mapping Stations (09U NAD 83)

Station ID	Easting	Northing	Elevation (m)	Outcrop / Float	Dimensions (width, height m); Meas. Type	Strike	Dip	Dir	Description
EGJP001	614706	5955991	1927	Outcrop	Contact	348	86	E	Contact with dyke.
EGJP002	614695	5955977	1927	Outcrop	Bedding	56	90		Possible ash flow
EGJP003	614712	5955960	1922	Outcrop					Possible ash flow
EGJP004	614683	5955975	1923	Outcrop					Possible ash flow
EGJP005	614679	5955971	1924	Outcrop	Vein	346	86	E	Structure is 8.3 m wide. Massive manganite associated with galena and chalcopyrite mineralization.
EGJP006	614674	5955981	1929	Outcrop					Possible ash flow
EGJP007	614701	5955993	1925	Outcrop	Contact	354	90		Contact with dyke, vein is 50 cm wide
EGJP008	614702	5956016	1933	Outcrop					Andesite (dyke?) trends 346 degrees from EGJP001
EGJP009	614686	5956022	1939	Outcrop					Possible ash flow
EGJP010	614699	5956024	1937	Outcrop					Quartz feldspar porphyry dyke
EGJP011	614681	5956025	1938	Outcrop					Possible ash flow
EGJP012	614669	5956037	1948	Outcrop	Vein	320	90		Small quartz vein in tuffaceous rock
EGJP013	614696	5956060	1948	Outcrop					Volcanic flow
EGJP014	614705	5956068	1951	Outcrop					Volcanic flow
EGJP015	614686	5956038	1941	Outcrop	Vein	290	70	SW	20 cm quartz vein in carbonate-altered tuffaceous rock
EGJP016	614704	5955992	1928	Outcrop					Quartz feldspar porphyry dyke contact with vein.
EGJP017	614769	5955918	1902	Outcrop					Volcanic flow
EGJP018	614764	5955914	1902	Outcrop					Limonite-rich area.
EGJP019	614753	5955915	1896	Outcrop					Limonite-rich area.
EGJP020	614753	5955911	1896	Outcrop		318	90		Limonite-rich area.
EGJP021	614749	5955905	1897	Outcrop					Limonite-rich area.
EGJP022	614741	5955895	1890	Outcrop					Sandstone with many rounded (siliceous?) grains
EGJP023	614676	5955986	1932	Outcrop					Limonite-rich area.
EGJP024	614662	5955992	1933	Outcrop					
EGJP025	614647	5955992	1930	Outcrop					
EGJP026	614685	5955961	1922	Outcrop	Fracture	340	85	E	Strong MnO coatings on vein fractures.
EGJP027	614704	5956000	1927	Outcrop					Wall rock in contact with vein, contains irregular stringers of quartz and sulphides.
EGJP028	614645	5955927	1925	Outcrop					
EGJP029	614692	5955949	1917	Outcrop	Vein	343	78	E	Wall rock in contact with vein, Strong MnO coatings on fractures.
EGJP030	614673	5955910	1912	Outcrop	Fracture	321	82	W	Strong MnO coatings on fractures.

Detailed Mapping Stations (09U NAD 83)

Station ID	Easting	Northing	Elevation (m)	Outcrop / Float	Dimensions (width, height m); Meas. Type	Strike	Dip	Dir	Description
EGJP031	614708	5955916	1910	Outcrop	Vein	336	75	E	Strong MnO coatings on fractures. East vein contact is brecciated.
EGJP032	614710	5955911	1906	Outcrop					Strong MnO coatings on fractures. East vein contact is brecciated. Veinlets carrying sulphides are cut by barren quartz veinlets.
EGJP033	614699	5955868	1887	Outcrop		319	86	W	
EGJP034	614715	5955902	1901	Outcrop		342	68	E	Dyke cuts Vein (V2)
EGJP035	614709	5955873	1895	Outcrop					
EGJP036	614722	5955877	1887	Outcrop		8	56	E	
EGJP037	614716	5955864	1887	Outcrop	Bedding	97	87	W	Sandstone contains a fossil of a 6 cm Bi-valve
EGJP038	614712	5955859	1881	Outcrop					
EGJP039	614706	5955848	1886	Outcrop					
EGJP040	614712	5955830	1874	Outcrop					
EGJP041	614727	5955852	1875	Outcrop					
EGJP042	614763	5955875	1875	Outcrop		334	83	W	Limonitic shear in sandstone contains a 12 cm wide quartz vein with minor disseminated galena.
EGJP043	614737	5955862	1871	Outcrop	Vein	340	76	E	Vein (V1) above 6400 Adit
EGJP044	614750	5955875	1870	Outcrop		308	78	E	
EGJP045	614759	5955879	1874	Outcrop		306	90		
EGJP046	614772	5955876	1874	Outcrop					
EGJP047	614778	5955875	1875	Outcrop		302	86	W	40 cm thick dyke.
EGJP048	614792	5955869	1875	Outcrop	Vein	322	68	E	Limonitic shear (12-cm thick) in sandstone contains two 2-cm wide quartz vein with minor disseminated galena and sphalerite.
EGJP049	614801	5955868	1873	Outcrop					
EGJP050	614825	5955873	1883	Outcrop	Bedding	5	52	E	Hornfelsed sediments near contact with Quartz Latite Dyke. Bedding is 005/52E
EGJP051	614841	5955875	1888	Outcrop	Dyke	313	82	SW	Quartz feldspar porphyry dyke, 3.5 to 5 m thick.
EGJP052	614725	5955824	1866	Outcrop		316	63	W	Fossil molds filled with calcite
EGJP053	614735	5955817	1863	Outcrop		318	88	W	
EGJP054	614736	5955831	1867	Outcrop		305	87	W	
EGJP055	614752	5955807	1845	Outcrop					
EGJP056	614727	5955799	1848	Outcrop		303	62	W	
EGJP057	614696	5955943	1917	Outcrop					
EGJP058	614663	5955921	1918	Outcrop	Contact	318	83	E	Contact is not obvious, may be a small siliceous zone in the volcanics.
EGJP059	614671	5955898	1905	Outcrop					
EGJP060	614691	5955882	1902	Outcrop		310	88	E	

Detailed Mapping Stations (09U NAD 83)

Station ID	Easting	Northing	Elevation (m)	Outcrop / Float	Dimensions (width, height m); Meas. Type	Strike	Dip	Dir	Description
EGJP061	614723	5955908	1903	Outcrop	Vein	353	63	E	Multiple veins combine to form a thickness of 40 - 50 cm.
EGJP062	614720	5955908	1908	Outcrop					Several minor quartz veins which carry pyrite.
EGJP063	614738	5955915	1901	Outcrop		318	79	E	
EGJP064	614792	955908	1906	Outcrop					Small outcrop of andesite (dyke?) with fine trachytic feldspar laths. Strongly magnetic. Maybe similar to EGJP008
EGJP065	614800	5955905	1905	Outcrop					Quartz feldspar porphyry dike very similar to EGJP010 & 16. Contains small clots of fine biotite
EGJP066	614819	5955901	1906	Outcrop	Contact	314	82	W	Contact is not obvious, may be a small siliceous zone in the sediments. Minor quartz veining
EGJP067	614772	5955798	1833	Outcrop	Vein	292	40	E	Quartz lens exposed is 40-cm thick by 2.3 m long.
EGJP068	614725	5955761	1825	Outcrop	Bedding	298	82	SW	Fine-grained clastic, may include re-worked tuff. Not carbonate altered.
EGJP069	614802	5955824	1845	Outcrop		312	87	SW	
EGJP070	614804	5955833	1850	Outcrop		310	89	E	
EGJP071	614849	5955768	1807	Outcrop		351	78	E	
EGJP072	614787	5955782	1824	Outcrop					Thin quartz vein (1 - 3 cm thick x 1.3 m long) in volcano-clastic sandstone.
EGJP073	614794	5955783	1817	Outcrop	Fracture	300	82	E	Shaley layers which may be bedding are oriented at 020/68E and are cut by fractures.
EGJP074	614785	5955769	1821	Outcrop		320	72	E	
EGJP075	614820	5955744	1799	Outcrop					Carbonate alteration is very weak.
EGJP076	614779	955733	1806	Outcrop					Contact is not obvious, may be a small tuff-rich bed in the sediments. Minor carb alteration
EGJP077	614799	5955601	1707	Outcrop		314	78	W	Several small 1-cm stringers in area of MnO staining
EGJP078	614866	5955593	1681	Outcrop		320	75	E	Strong MnO stain
EGJP079	614862	5955583	1674	Outcrop		260	38	S	Shaley partings to 3 cm thick.
EGJP080	614851	5955575	1674	Outcrop		310	70	S	Finer-grained sandstone, possibly with a tuff component. 2-metre thick shear zone
EGJP081	614851	5955575	1674	Outcrop					Finer-grained sandstone, possibly with a tuff component.
EGJP082	614880	5955517	1671	Outcrop					Finer-grained sandstone, possibly with a tuff component.
EGJP083	614893	5955444	1635	Outcrop		300	80	SW	
EGJP084	614881	5955432	1622	Outcrop					Many low-angle shaley partings present.
EGJP085	614806	5955446	1588	Outcrop		308	21	SW	

Detailed Mapping Stations (09U NAD 83)

Station ID	Easting	Northing	Elevation (m)	Outcrop / Float	Dimensions (width, height m); Meas. Type	Strike	Dip	Dir	Description
EGJP086	614760	5955404	1552	Outcrop	Fault	350	83	SW	More resistive sandstone underlies the shales and siltstones in the stream bed and is broken by a series of minor normal faults trending 350/83SW. A 2 - 3 cm calcite vein marks the fault in the stream bed.

Detailed Mapping Stations (09U NAD 83)

Station ID	Lithology	Veining	Sulphides	Economic Sulphides Code	Alteration	Alteration Code	Secondary Alteration
EGJP001	Vein	Quartz	Pyrite, Galena, Sphalerite, Chalcopyrite	ga, sp, cp	Silicification	Sil	Sericite, Clay
EGJP002	Tuffaceous Volcanic Rock		Pyrite		Carbonate	Car	
EGJP003	Tuffaceous Volcanic Rock		Pyrite		Carbonate	Car	
EGJP004	Tuffaceous Volcanic Rock				Chlorite	Chl	Sericite
EGJP005	Vein	Quartz	Galena, Sphalerite, Chalcopyrite, Pyrite	ga, sp, cp	Clay	Cly	Epidote
EGJP006	Tuffaceous Volcanic Rock		Pyrite		Limonite	Lim	Carbonate, Clay
EGJP007	Vein	Quartz			Silicification	Sil	
EGJP008	Andesite				Chlorite	Chl	
EGJP009	Tuffaceous Volcanic Rock				Limonite	Lim	Carbonate
EGJP010	Quartz Latite Dyke				Sericite	Ser	
EGJP011	Tuffaceous Volcanic Rock				Carbonate	Car	
EGJP012	Vein	Quartz	Pyrite, Galena, Sphalerite	ga, sp			
EGJP013	Andesite				Carbonate	Car	Epidote
EGJP014	Andesite				Carbonate	Car	Epidote
EGJP015	Vein	Quartz	Pyrite, Galena	ga	Silicification	Sil	Epidote
EGJP016	Quartz Latite Dyke				Carbonate	Car	Sericite
EGJP017	Andesite				Carbonate	Car	Hematite, Limonite
EGJP018	Volcano-clastic Sandstone		Pyrite		Limonite	Lim	Carbonate
EGJP019	Volcano-clastic Sandstone		Pyrite		Limonite	Lim	Carbonate
EGJP020	Volcano-clastic Sandstone		Pyrite		Limonite	Lim	Carbonate
EGJP021	Volcano-clastic Sandstone		Pyrite		Limonite	Lim	Carbonate
EGJP022	Volcano-clastic Sandstone				Limonite	Lim	Carbonate
EGJP023	Volcano-clastic Sandstone		Pyrite		Limonite	Lim	Silicification
EGJP024	Volcano-clastic Sandstone				Carbonate	Car	Chlorite, Hematite
EGJP025	Volcano-clastic Sandstone				Carbonate	Car	Chlorite
EGJP026	Vein	Quartz	Pyrite, Galena, Chalcopyrite	ga, cp	Silicification	Sil	Limonite
EGJP027	Tuffaceous Volcanic Rock	Quartz	Galena, Chalcopyrite	ga, cp	Sericite	Ser	Carbonate
EGJP028	Volcano-clastic Sandstone				Carbonate	Car	Epidote, Hematite
EGJP029	Tuffaceous Volcanic Rock				Carbonate	Car	Limonite
EGJP030	Volcanic flow				Carbonate	Car	Hematite

Detailed Mapping Stations (09U NAD 83)

Station ID	Lithology	Veining	Sulphides	Economic Sulphides Code	Alteration	Alteration Code	Secondary Alteration
EGJP031	Vein	Quartz	Pyrite, Galena, Sphalerite, Chalcopyrite	ga, sp, cp	Silicification	Sil	Limonite
EGJP032	Vein	Quartz	Pyrite, Galena, Sphalerite, Chalcopyrite	ga, sp, cp	Silicification	Sil	Limonite
EGJP033	Dacite Dyke				Carbonate	Car	
EGJP034	Felsic Dyke				Sericite	Ser	
EGJP035	Volcano-clastic Sandstone				Carbonate	Car	
EGJP036	Volcano-clastic Sandstone				Carbonate	Car	
EGJP037	Volcano-clastic Sandstone				Carbonate	Car	
EGJP038	Volcano-clastic Sandstone				Carbonate	Car	
EGJP039	Volcano-clastic Sandstone				Carbonate	Car	
EGJP040	Volcano-clastic Sandstone				Carbonate	Car	
EGJP041	Volcano-clastic Sandstone				Carbonate	Car	
EGJP042	Vein	Quartz	Galena	ga	Limonite	Lim	
EGJP043	Vein	Quartz	Pyrite, Galena, Sphalerite, Chalcopyrite	ga, sp, cp	Silicification	Sil	Limonite
EGJP044	Volcano-clastic Sandstone				Carbonate	Car	
EGJP045	Volcano-clastic Sandstone				Carbonate	Car	
EGJP046	Volcano-clastic Sandstone				Carbonate	Car	
EGJP047	Dacite Dyke				Carbonate	Car	
EGJP048	Vein	Quartz	Galena, Sphalerite	ga, sp	Limonite	Lim	
EGJP049	Volcano-clastic Sandstone				Carbonate	Car	
EGJP050	Shale, Siltstone, Sandstone		Pyrite		Limonite	Lim	
EGJP051	Quartz Latite Dyke				Sericite	Ser	
EGJP052	Volcano-clastic Sandstone				Carbonate	Car	
EGJP053	Volcano-clastic Sandstone				Carbonate	Car	
EGJP054	Volcano-clastic Sandstone				Carbonate	Car	
EGJP055	Volcano-clastic Sandstone				Carbonate	Car	
EGJP056	Volcano-clastic Sandstone				Carbonate	Car	
EGJP057	Tuffaceous Volcanic Rock		Pyrite		Sericite	Ser	Clay, limonite
EGJP058	Dacite Tuff				Epidote	Epi	Chlorite, Sericite
EGJP059	Volcano-clastic Sandstone				Carbonate	Car	
EGJP060	Volcano-clastic Sandstone				Carbonate	Car	Limonite

Detailed Mapping Stations (09U NAD 83)

Station ID	Lithology	Veining	Sulphides	Economic Sulphides Code	Alteration	Alteration Code	Secondary Alteration
EGJP061	Vein	Quartz	Pyrite		Silicification	Sil	
EGJP062	Volcano-clastic Sandstone	Quartz	Pyrite		Silicification	Sil	
EGJP063	Volcano-clastic Sandstone				Carbonate	Car	Limonite
EGJP064	Andesite				Carbonate	Car	Sericite
EGJP065	Quartz Latite Dyke						
EGJP066	Dacite Tuff	Quartz	Pyrite		Carbonate	Car	
EGJP067	Vein	Quartz, calcite	Pyrite		Limonite	Lim	
EGJP068	Volcano-clastic Sandstone						
EGJP069	Volcano-clastic Sandstone				Carbonate	Car	
EGJP070	Volcano-clastic Sandstone				Carbonate	Car	
EGJP071	Volcano-clastic Sandstone						
EGJP072	Vein	Quartz	Pyrite, Galena	ga	Silicification	Sil	Limonite
EGJP073	Volcano-clastic Sandstone				Carbonate	Car	
EGJP074	Volcano-clastic Sandstone				Carbonate	Car	
EGJP075	Volcano-clastic Sandstone				Carbonate	Car	
EGJP076	Dacite Tuff						
EGJP077	Volcano-clastic Sandstone	Quartz			Silicification	Sil	Limonite
EGJP078	Volcano-clastic Sandstone				Sericite	Ser	
EGJP079	Volcano-clastic Sandstone				Limonite	Lim	
EGJP080	Volcano-clastic Sandstone						
EGJP081	Volcano-clastic Sandstone						
EGJP082	Volcano-clastic Sandstone						
EGJP083	Volcano-clastic Sandstone						
EGJP084	Volcano-clastic Sandstone						
EGJP085	Volcano-clastic Sandstone				Carbonate	Car	Limonite

Detailed Mapping Stations (09U NAD 83)

Station ID	Lithology	Veining	Sulphides	Economic Sulphides Code	Alteration	Alteration Code	Secondary Alteration
EGJP086	Volcano-clastic Sandstone	Calcite					

APPENDIX C
RECONNAISSANCE ROCK SAMPLE RESULTS AND CERTIFICATES OF ANALYSIS

2008 Reconnaissance Rock Samples - Selected Results

Station_ID	Zone_Datum	Easting	Northing	WGHT Wtg KG 0.01	1DX Au PPB 0.5	1DX Ag PPB 0.1	1DX Cu PPB 0.1	1DX Pb PPB 0.1	1DX Zn PPB 1	1DX Cd PPB 0.1	1DX Mn PPB 1
MBKR006	Zone 9 NAD 83	614224	5955173	0.78	6.3	0.8	787.2	16.9	226	1.5	647
MBKR007	Zone 9 NAD 83	614222	5957128	0.60	9.6	0.6	58.9	162.7	506	8.3	2984
MBKR008	Zone 9 NAD 83	614090	5957113	0.56	1.0	<0.1	53.5	3.9	24	<0.1	186
MBKR009	Zone 9 NAD 83	614206	5957120	0.62	21.5	3.8	1915.9	36.1	52	0.3	157
MBKR010	Zone 9 NAD 83	614414	5957117	0.66	8.0	0.4	54.6	69.2	90	0.5	636
MBKR011	Zone 9 NAD 83	613995	5956083	0.65	<0.5	<0.1	8.4	15.8	180	0.9	1260
MBKR012	Zone 9 NAD 83	614125	5955435	0.67	0.5	<0.1	47.0	44.0	100	0.5	602

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Client: **Lowprofile Exploration**
P.O. Box 704
Houston BC V0J 1Z0 Canada

Submitted By:	Gary Thompson
Receiving Lab:	Canada-Smithers
Received:	August 28, 2008
Report Date:	September 08, 2008
Page:	1 of 2

CERTIFICATE OF ANALYSIS SMI08000838.1

CLIENT JOB INFORMATION

Project:	Miya
Shipment ID:	
P.O. Number	
Number of Samples:	10

SAMPLE DISPOSAL

DISP-PLP	Dispose of Pulp After 90 days
DISP-RJT	Dispose of Reject After 90 days

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
R150	10	Crush, split and pulverize rock to 200 mesh		
1DX	10	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed
DIS-RJT	10	Warehouse handling / Disposition of reject		

ADDITIONAL COMMENTS

Invoice To: Lowprofile Exploration
P.O. Box 704
Houston BC V0J 1Z0
Canada

CC: Bob Lane

BRITISH COLUMBIA CERTIFIED ASSAYER
RAYMOND CHAN

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P.O. Box 704
Houston BC V0J 1Z0 Canada

Project: Miya
Report Date: September 08, 2008

CERTIFICATE OF ANALYSIS SMI08000838.1

	Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
MBKR001	Rock	0.67	1.9	32.6	9.8	106	<0.1	46.8	18.5	799	5.70	7.1	0.1	2.5	0.5	253	0.1	0.4	0.3	118	3.30
MBKR002	Rock	0.76	2.9	5.1	10.4	37	<0.1	9.9	7.8	143	2.77	3.2	5.1	1.2	5.6	13	<0.1	<0.1	1.1	46	0.09
MBKR003	Rock	0.42	1.3	259.1	28.4	94	1.2	10.5	11.0	860	2.65	0.7	0.7	8.7	1.2	112	0.3	0.5	2.4	61	2.66
MBKR006	Rock	0.78	0.4	787.2	16.9	226	0.8	37.6	37.8	647	8.31	68.6	0.6	6.3	2.0	21	1.5	1.0	0.6	100	0.39
MBKR007	Rock	0.60	0.6	58.9	162.7	506	0.6	10.6	18.0	2984	5.06	469.6	0.2	9.6	0.5	186	8.3	3.8	0.8	19	10.48
MBKR008	Rock	0.56	4.7	53.5	3.9	24	<0.1	31.0	6.2	186	2.07	26.6	1.8	1.0	2.0	165	<0.1	0.3	1.0	11	1.93
MBKR009	Rock	0.62	4.6	1916	36.1	52	3.8	127.3	256.3	157	28.57	261.2	1.8	21.5	4.0	3	0.3	10.3	1.0	<2	0.10
MBKR010	Rock	0.66	1.6	54.6	69.2	90	0.4	37.0	27.7	636	3.66	119.6	0.3	8.0	2.2	165	0.5	0.3	0.4	85	4.05
MBKR011	Rock	0.65	0.4	8.4	15.8	180	<0.1	52.4	39.2	1260	6.08	35.5	<0.1	<0.5	2.0	15	0.9	1.5	<0.1	21	0.11
MBKR012	Rock	0.67	0.4	47.0	44.0	100	<0.1	5.4	10.5	602	2.88	14.9	0.1	0.5	0.5	14	0.5	23.0	<0.1	66	0.55

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P.O. Box 704
Houston BC V0J 1Z0 Canada

Project: Miya
Report Date: September 08, 2008

CERTIFICATE OF ANALYSIS SMI08000838.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
MBKR001	Rock	0.207	4	110	3.30	66	0.013	<20	7.74	0.388	0.07	<0.1	<0.01	11.9	<0.1	1.21	16	0.7
MBKR002	Rock	0.121	13	15	0.90	95	0.010	<20	1.06	0.037	0.12	<0.1	<0.01	1.7	<0.1	1.20	5	0.6
MBKR003	Rock	0.140	11	11	0.72	490	0.028	<20	1.11	0.033	0.16	<0.1	<0.01	2.2	<0.1	0.06	6	<0.5
MBKR006	Rock	0.098	5	39	1.07	115	0.079	<20	1.68	0.058	0.33	<0.1	0.05	8.9	0.7	3.39	5	1.0
MBKR007	Rock	0.036	3	5	3.06	48	<0.001	<20	0.22	0.011	0.02	<0.1	0.06	3.6	<0.1	0.88	<1	<0.5
MBKR008	Rock	0.044	6	9	0.76	51	0.001	<20	3.87	0.257	0.13	<0.1	<0.01	1.3	0.1	0.78	8	1.2
MBKR009	Rock	0.019	2	2	0.08	7	0.002	<20	0.21	0.009	0.03	1.9	0.09	0.7	0.5	>10	1	7.2
MBKR010	Rock	0.042	4	69	0.43	13	0.006	<20	7.66	0.482	0.05	<0.1	<0.01	5.0	<0.1	0.81	15	0.6
MBKR011	Rock	0.045	10	18	0.29	130	0.012	<20	2.34	0.010	0.25	<0.1	<0.01	1.8	0.2	0.06	6	<0.5
MBKR012	Rock	0.117	6	4	1.31	14	0.084	<20	1.74	0.051	0.07	<0.1	<0.01	2.6	<0.1	0.09	10	<0.5

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P.O. Box 704
Houston BC V0J 1Z0 Canada

Project: Miya
Report Date: September 08, 2008

QUALITY CONTROL REPORT SMI08000838.1

	Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Reference Materials																					
STD DS7	Standard		21.4	112.9	66.1	381	0.8	53.4	9.7	660	2.45	55.5	4.9	55.9	3.9	68	6.8	5.0	4.5	82	0.90
STD DS7	Standard		20.6	105.9	66.3	393	0.8	52.3	9.4	628	2.32	53.2	4.8	44.5	3.9	65	6.9	5.0	4.5	80	0.86
STD DS7 Expected			20.9	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	5.9	4.5	86	0.93
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
Prep Wash																					
G1	Prep Blank	<0.01	0.6	2.6	2.4	45	<0.1	3.7	4.5	511	1.73	<0.5	1.6	0.8	3.1	50	<0.1	<0.1	0.1	37	0.47
G1	Prep Blank	<0.01	0.9	2.5	2.4	45	<0.1	3.5	4.4	524	1.73	<0.5	1.4	1.1	3.0	56	<0.1	<0.1	<0.1	36	0.44

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QUALITY CONTROL REPORT SMI08000838.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
Reference Materials																		
STD DS7	Standard	0.085	11	148	1.06	395	0.121	34	1.04	0.086	0.49	3.3	0.20	2.4	4.1	0.19	5	3.5
STD DS7	Standard	0.084	11	147	1.02	402	0.117	28	0.97	0.077	0.46	3.3	0.19	2.4	4.1	0.18	5	3.4
STD DS7 Expected		0.08	13	163	1.05	370	0.124	39	0.959	0.073	0.44	3.8	0.2	2.5	4.2	0.21	5	3.5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
Prep Wash																		
G1	Prep Blank	0.089	5	12	0.57	232	0.122	<20	0.85	0.070	0.50	<0.1	<0.01	2.0	0.3	<0.05	4	<0.5
G1	Prep Blank	0.083	5	8	0.57	232	0.123	<20	0.85	0.064	0.52	<0.1	<0.01	1.9	0.3	<0.05	4	<0.5

614000
615000
616000
Grandview Zone
Rhine View Zone
Roymac Zone
Glacier Buff Zone
Emerald Glacier Mine
Emerald Glacier Inset
6400 Adit
6275 Adit
6000 Adit
549203
MBKR006
MBKR007
MBKR008
MBKR009
MBKR010
MBKR011
MBKR012
Dt
At
Bs
Gw
Sa
Sy
Ap
Rf
Cg
Lithology
Stratified
LOWER CRETACEOUS
Skeena Group
Unknown
Bs Basalt
MIDDLE JURASSIC
Bowser Lake Group
Ashman Formation
Cg Conglomerate
Gw Greywacke
Sa Volcaniclastic Sandstone with local Shale and/or Argillite beds
Rf Rhyodacite Flow
LOWER JURASSIC
Hazleton Group
Telkwa Formation
Af Andesite Flow
At Andesitic Lapilli Tuff
Dt Dacitic Tuff
Ap Andesitic Pyroxene Porphyry
Intrusive
LATE CRETACEOUS
Bulkley Intrusions
Sy Syenite
Symbology
Outcrop
Lowprofile Rock Sample #
Bedding
Dyke
Joint
Vertical Joint
Quartz Vein
Zone
Adit
Contact (defined, approximate, inferred)
Fault (defined, approximate, inferred)
Limit of Mapping
Claim
Inset
Note: Darker tones represent the observed outcrop lithologies. Transparent shades are inferred lithology.
LOWPROFILE VENTURES LTD.
Miya Property
Property Geology
Rough Road
Stream
Contour
20k Mapsheets: 93E074
Date: March 24, 2009
Projection: UTM9N, NAD83
Scale: 1:2 500
Path: ...\08-PX-0455\Mapping\PrpGeol_E
Drawn By: TK
Checked By: BL
ALLNORTH CONSULTANTS LIMITED
0 25 50 100 150 200 Meters
N
S
E
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614650 614700 614750 614800 614850

5956100 5956050 5956000 5955950 5955900 5955850 5955800 5955750 5955700

N W E S

Ad
Ad
90
90
86
90
Sa
78
Sa
75
Ad
Sa
Vent Raise
63
Open Stope
Ad
QLd
Dt
87
76
6400 Level Adit
Fine Clastic
Coarse Clastic
Ore Bin
Fine Clastic
Gully
Building
Waste Dump
Sa
Sa
Sa
82
52
68
82
40
Sa
6275 Level Adit
Waste Dump
Sa
Sa
Dt
82

Lithology

Stratified

MIDDLE JURASSIC

Bowser Lake Group

Ashman Formation

Sa — Volcaniclastic Sandstone with local Shale and/or Argillite beds

LOWER JURASSIC

Hazelton Group

Telkwa Formation

Ad — Andesite

Dt — Dacitic Tuff

Vt — Volcanic Tuff

Intrusive

LATE CRETACEOUS

Bulkley Intrusions

Unclassified

Dd — Dacite Dyke

QLd — Quartz Latite Dyke

Alteration

Argillic

Carbonatization

Oxidation

Propylitic

Silification

Symbology

Float

Outcrop

Subcrop

Bedding

Dyke

Quartz Vein

Adit

Fracture

Contact (defined, approximate, inferred)

Fault (defined, approximate, inferred)

Access/Cat Track

Open Cut

Quartz Vein

Shear with Quartz Vein

Slickenside

Limit of Mapping

Building

Designated Area

LOWPROFILE VENTURES LTD.

Miya Property
Emerald Glacier Detailed Vein

Stream

Contour

20k Mapsheets: 93E074
Projection: UTM9N NAD83
Date: March 24, 2009
Scale: 1:500
Path: ...\08-PX-0455\Mapping\EmeraldGlacierDetVn_D
Drawn By: TK
Checked By: DB

ALLNORTH CONSULTANTS LIMITED
PHONE: (250) 614-7291
FAX: (250) 614-7299

0 5 10 20 30 40 Meters