

**Assessment Report
on
Drilling and Geochemical Work
On The Following Claim**

FR1 355258

FR 4 394238

Statement of Exploration #4101151

Work permit # MX-1-153

**located
42 Km North Of
Stewart, British Columbia
Skeena Mining Division**

**56 degrees 17 minutes latitude
129 degrees 53 minutes longitude**

N.T.S. 104A/5

Project Period: July 15 to September 30, 2006

On Behalf Of

**Mountain Boy Minerals Ltd
Stewart, BC
And
Pinnacle Mines Ltd.
Vancouver, B.C.**

Report By

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**Geological Survey Branch
December 4, 2006**

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2006

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SUMMARY

The FR property is located about 42 kilometers north of Stewart, British Columbia in the Skeena Mining Division. The property covers an area of Hazelton pyroclastic volcanic rocks that have been folded into an anticline along American Creek.

The property contains approximately 7675 hectares within 21 claims.

The property lies within a belt of Jurassic volcanic rocks extending from the Kitsault area, south of Stewart, to north of the Stikine River. This belt is host to numerous gold deposits, in a variety of geological settings, including the producing Eskay Creek and formerly producing Snip and, Premier-Big Missouri mines. Reserves have been reported from a number of other properties including Red Mountain, the Brucejack Lake area and Georgia River. In addition, exploration companies, have reported numerous gold-silver showings along this belt of rocks. At least three porphyry type deposits with either Cu-Mo, Cu-Mo-Au or Cu-Au mineralization are also present. A recent Kurko type VMS horizon has also been outlined just east of the FR claim group.

Three main types of mineralization occur on the property consisting of the following:

1. Replacement type mineralization with quartz-carbonate-barite with sulfides consisting of sphalerite, galena, chalcopyrite, pyrite and greenockite.
2. Quartz veins with abundant siderite exhibiting strong manganese stain and containing chalcopyrite, pyrite, galena and sphalerite as well as minor fine arsenopyrite and tetrahedrite.
3. Massive sulfide stringers and veins with galena, sphalerite, chalcopyrite, pyrite, and tetrahedrite in strongly carbonate altered rocks.

The main mineral showings outlined to date consist of the Barite and Coates in the replacement type, the Moonlight in the massive sulfide variety and the Lilianne and Virginia K. no. 5 in the sulfide bearing quartz type.

During the period July 15, to September 30, 2006, Mountain Boy Minerals Ltd and Pinnacle Mines Ltd conducted an exploration program on the FR 1 and 4 claims in the central portion of the property consisting of geochemical sampling along the Lilianne vein and diamond drilling to test the silver tenor of the Moonlight and Coates showing.

A total of 1307.61 meters of BTW drill core was completed in 15 separate drill holes from 2 different pads. Best silver values were obtained on the Moonlight vein in DDH 2006-FR-6 which yielded 1.83 meters of 0.19 g/t Au, 1412 g/t Ag, 0.303 % Cu, 0.09 % Pb and 0.44 % Zn.

Best silver value in the Coates showing was 0.91 m of 0.01 g/t Au, 132.6 g/t Ag, 0.09 % Cu, 0.26 % Pb and 0.34 % Zn.

A total of 140 rock geochemical samples were collected from the area of the Lilianne vein. Work showed that the vein was at least 600 meters long with strong gold-silver values. Best results included 236.6 g/t Au, 8108 g/t Ag, 11.24 % Cu, 5.95 % Pb and 13.4 % Zn.

Based on the favorable results in the 2006 work on the Lilianne vein, an exploration program involving further prospecting, trenching, and diamond drilling is recommended for the property. Expected cost of the above programs is approximately \$300,000.

INTRODUCTION

This report is primarily based on geochemical and drill results of an exploration program conducted by Mountain Boy Minerals Ltd and Pinnacle Mines Ltd. on the property during the period July 15 to September 30 2005.

In addition to data accumulated during this work program the report was also prepared on data contained in previous assessment reports on the property as well as data obtained by the author from other surveys in the general area.

Location and Access

The claims form part of a contiguous group of 21 claims located about 42 kilometers north of Stewart, British Columbia. The claim area is approximately 56 degrees 17 minutes latitude and 129 degrees 53 minutes longitude on NTS sheet 104A/4. Figure 1 shows the location of the claim area.

The FR claims are located in the headwaters of the American Creek valley with the claims covering both sides of American Creek and roughly centered on Kimball Lake, a small lake on American Creek.. Access is via helicopter based in Stewart. The claims are approximately 22 kilometers north of paved Highway 37 located to the south. Road access is available to within 12 kilometers of the property along the American Creek valley where there is a non- maintained, mine road running north to the MB silver property from Highway 37.

A pack-horse trail some 17 kilometres long was constructed to the Virginia K and Moonlight properties in the early 1930s from the Bear River but has long since fallen into disrepair and disuse and is overgrown with alders in many localities.

Physiography and Topography

The area of the FR property claims encompasses steep mountain slopes typical of the Coast Range region of British Columbia. The valley of American Creek is steep-sided, with elevations on the property ranging from 900 metres south of Kimball Lake, to more than 1,900 metres along the ridges. The topography on the west side of American Creek near the headwaters is more gentle with a number of benches and ridges locally marked by small patches of tag spruce occupying areas away from avalanche trails and snow chutes.

The west edge of the claims is underlain by the Moonlight Glacier while the extreme northeast and northwest edges encompass tributary valleys to the Bowser River.

The lower slopes on the property are partially snow free in mid July with snowfall commencing in late September and starting to accumulate by mid to later October.

Maximum rock exposure occurs in early October when most of the annual snowfall has melted. The surface exploration is restricted to late summer and early fall. Most of the property can be traversed safely on foot although local areas contain occasional bluffs and cliffs.

Spruce and hemlock trees as well as small patches of tag spruce are present along the lower slopes of the mountain valleys, particularly the north facing edges. Alders grow along avalanche slopes and moraines. Alpine grasses, heather and arctic willows grow in patches along the talus, moraine and outcrops in the upper regions of the property.

Permanent snow occupies most depressions and gullies.

Thick glacial moraine is primarily restricted to lower elevations and valley floors with good rock exposure along ridge tops and creek beds.

Personnel and Operations

Personnel involved during the exploration program are listed below:

E. Kruchkowski	Consulting Geologist
Randy Kasum	Operations Manager
Alex Walus	Consulting Geologist
Sheila Ballantyne	Consulting Geologist
Hugh Samson	Consulting Geologist
Rob Pelkey	Consulting Geologist
Kaitlin Cherniwchan	Geological Assistant
Alexandra Cremonese	Geological Assistant
Peter Leigh	Geological Assistant
Lou Kamermans	Geological Assistant
Richard Lemieux	Core Cutting

Personnel mobilized either out of Stewart or the American Creek area, British Columbia to the job site on a daily basis utilizing a Bell 206 helicopter, contracted from Hayes Helicopters, based in Stewart.

Drilling was provided by a modified J.K.Smit drill owned by Mountain Boy Minerals Ltd.

Personnel stayed in rented accommodations in Stewart and acquired meals at local restaurants.

Core was flown to Stewart, where it was logged, cut in half with a diamond saw with half the core sent for analysis and the other half put back in the core box. The core remaining in the core-boxes is stored in core rack facilities at Stewart BC.

All samples were prepared and analyzed by Assayers Canada in Vancouver, British Columbia.

Property Ownership

The FR property consists of a one claim group located at the headwaters of American Creek. The property contains approximately 7675 hectares within 21 claims. Relevant claim information with respective NTS map area is summarized below:

<u>Name</u>	<u>Tenure</u>	<u>NTS Map Area</u>	<u>Hectares</u>	<u>Expiry Date</u>
FR 1	355258	NTS104 A	375	April 24/09
FR 2	372675	NTS104 A	500	October 21/09
FR 3	394237	NTS104 A	175	June 19/09
FR 4	394238	NTS104 A	225	June 19/09
FR 5	396851	NTS104 A	300	September 29/09
FR 6	396852	NTS104 A	75	September 29/09
FR 7	396853	NTS104 A	350	September 29/09
FR 8	405010	NTS104 A	400	September 12/09
FR 9	405011	NTS104 A	200	September 9/09
FR 10	405012	NTS104 A	500	September 24/09
FR 11	405285	NTS104 A	500	September 24/09
FR 12	405286	NTS104 A	500	September 24/09
FR 13	405290	NTS104 A	500	September 24/09
FR 14	405291	NTS104 A	375	September 24/09
FR 15	405292	NTS104 A	450	September 24/09
FR 16	407576	NTS104 A	450	January 10/09
FR 17	407577	NTS104 A	450	January 10/09
FR 18	407578	NTS104 A	450	January 10/09
FR 19	407579	NTS104 A	300	January 10/09
FR 20	407581	NTS104 A	300	January 10/09
FR 21	407580	NTS104 A	300	January 10/09

Total 7675 hectares

Claim location is illustrated on Figure 2, copied after available government NTS maps. Ownership of FR 1 is presently 50 % registered with Frank Kamermans of Stewart, British Columbia, who is holding in trust for Mountain Boy Minerals Ltd. and 50 % Pinnacle Mines Ltd. The FR 2 to 21 claims inclusive are registered in the name of Mountain Boy Minerals Ltd. (49 %) and Pinnacle Mines Ltd (51 %).

Previous Work

Exploration began in the Stewart region about 1898 after the discovery of mineralized float by a party of placer miners. Sites which could be easily reached from Stewart were the first to be explored among which was the lower American Creek area.

Mineralized showings at the head of American Creek were discovered by D.D. Kimball in 1929 with the Excelsior Prospecting Syndicate was formed in 1930 to explore the showings at both the Virginia K and Moonlight properties. A pack-horse trail was completed to the properties along the east side of American Creek in 1932.

In 1935, further exploration work consisting of limited mining was carried out on the Virginia K claims. A discovery of spectacular pockets of native gold was made on the Moonlight property in 1936 through 1939.

The next recorded work was in 1955 when the Great North Mining Company carried out trenching and x-ray diamond drilling on the Moonlight group of claims. Further trail work was completed and a cabin erected on the access trail and beside the workings on the Moonlight vein.

The Virginia K Group was explored by diamond drilling in 1956, when Canex Exploration Ltd. optioned the property. In 1966, Frontier Exploration Inc. carried out further prospective, trenching and sampling of the Moonlight vein area. In 1979 Tournigan Mining Exploration Ltd. carried out mapping and sampling of the Moonlight vein and reconnaissance mapping of the surrounding area over staked claims in the American Creek area.

In 1960, Newconex performed geological mapping and sampling on the Virginia K claim group with the results of this work not known..

In 1980 Komody Resources Ltd. acquired the Reverted Crown Grants on the Virginia K property and during the course of exploration work a high grade vein was discovered. A 1,500 lb. bulk sample, averaging 182 ounces per ton silver, was mined and shipped to the smelter.

Komody Resources Ltd. consolidated the Moonlight and adjoining Bugnello claims under the same ownership as the Virginia K property in 1981. The Moonlight vein was leased for high-grading in 1984.

In 1986 the AM-1 and AM-2 modified grid claims were staked to cover the lapsed Moonlight and Bugnello claims. The property comprising the Virginia K Group of Reverted Crown Grants and the AM-1&2 claims was acquired under option by Square Gold Exploration Inc. A program of geological mapping, prospecting and sampling was carried out over the Moonlight and Bugnello mineral occurrences on the west side of American Creek, where several veins carrying gold and silver mineralization were discovered to the north of the old Moonlight vein. Additional modified grid claims were staked, the AM-3, AM-4 and AM-5, totaling 44 units, a Reverted Crown Grant was acquired, and added to the Joint Venture property.

The results of the 1986 program were sufficiently encouraging and an extensive program of trenching and sampling was carried out over the newly discovered mineralized veins, as well as some geological mapping and geochemical soil sampling on the AM-3 and AM-4 claims. A total of 174 rock samples were collected. The samples were either of the reconnaissance type taken on prospecting traverses, or were moiled or chipped over specific widths on specific targets. Mineralized zones outlined included gold in quartz bearing sulfide as well as high silver values associated with lead and zinc in carbonate rich zones

The 1987 program outlined two gold/silver bearing veins in some detail, the veins are up 0.9 metres wide and were traced over 90 metres to 120 metres along strike. Mineralization consists of quartz-siderite veins carrying sphalerite, galena and chalcopyrite.

In 1987, Carmac Resources performed geological mapping and sampling on the Virginia K. 5 and Virginia K. Extension 2 claims.

In 1988, six holes totaling 456 metres were drilled from three set-ups by Glacier Resources on the AM-1 claim to test the gold bearing sulfide veins.

In 1990, Northair Mines carried out talus sampling on the Virginia K. 5 and Virginia K. Extension 2 claims.

In the period 1999 to 2004, Mountain Boy Minerals staked the FR1 to 21 claims to cover the American Creek valley and area of the various mineral showings.

In 2002, Mountain Boy carried out a brief exploration program consisting of prospecting and sampling on the original FR 1-3 claims. This program intended to evaluate siliceous replacement zones that carried gold-silver values associated with galena-sphalerite-chalcopyrite. In the course of this program, several different types of replacement mineralization were discovered. Initial select sampling of barite/carbonate float boulders by Mountain Boy (Moon 1-3) yielded 0.27 to 0.62 g/T Au, 56.7 to 3640 g/T Ag, 1.16 to 7.2 % Pb and 2.52 to 11.50 % Zn. Follow-up select sampling of barite rich boulders (Moon 5-6) yielded 0.65 to 1.13 g/T Au, 54.0 to 126 g/T Ag, 0.072 to 0.10 %Cu, 3.2 to 4.8 % Pb and 10.1 to 15.1 % Zn.

A silt sample collected in the area of the above area of mineralization gave a value of 0.38 g/t Au and 12.5 g/t Ag.

Sampling in 2003 concentrated in the area of the above silt sample and 2002 sampling, which led to the discovery of mineralization in bedrock. Mineralization consisted of brecciated green volcanic rock with massive sphalerite-galena filling the voids between the clasts. The massive mineralization has a distinct yellow-green weathering product, possibly greenockite associated with the massive sphalerite-galena. Select sampling of the sulfide rich portion yielded 0.14 to 0.87 g/T Au, 31.5 to 45.5g/T Ag, 0.016 to 0.073 %Cu, 1.23 to 2.5% Pb and 2.9 to 7.0 % Zn. Best assays in the replacement zone yielded 264.65 g/T silver over 18.3 meters.

In 2004 and 2005, trenching of rusty zones was completed with no significant results.

GEOLOGICAL SURVEYS

Regional Geology

The FR claim block lie in the Stewart area, east of the Coast Crystalline Complex and within the western boundary of the Bowser Basin. Rocks in the area belong to the Mesozoic Hazelton Group and Bowser Lake Group that have been intruded by plugs of both Cenozoic and Mesozoic age.

According to C.F. Greig, in G.S.C. Open File 2931, the western portion of the claim area is underlain by Lower Jurassic volcanic rocks overlain by the Lower to Middle Jurassic Salmon River Formation at the east edge of the claims. The Salmon River formation is in turn overlain by the Upper Jurassic Bowser Lake sediments, east of the claim holdings.

At the base of the Hazelton Group is the lower Lower Jurassic Marine (submergent) and non-marine (emergent) volcanoclastic Unuk River Formation. This is overlain at steep discordant angles by a second, lithologically similar, middle Lower Jurassic volcanic cycle (Betty Creek Formation), in turn overlain by an upper Lower Jurassic tuff horizon (Mt. Dilworth Formation). Middle Jurassic non-marine sediments with minor volcanics of the Salmon River Formation unconformably overlie the above sequence.

The lower Lower Jurassic Unuk River Formation forms a north-northwesterly trending belt extending from Alice Arm to the Iskut River. It consists of green, red and purple volcanic breccia, volcanic conglomerate, sandstone and siltstone with minor crystal and lithic tuff, limestone, chert and coal. Also included in the sequence are pillow lavas and volcanic flows.

In the property area, the Unuk River Formation is unconformably overlain by middle Lower Jurassic rocks from the Betty Creek Formation. The Betty Creek Formation is another cycle of troughfilling sub-marine pillow lavas, broken pillow breccias, andesitic and basaltic flows, green, red, purple and black volcanic breccia, with self erosional conglomerate, sandstone and siltstone and minor crystal and lithic tuffs, chert, limestone and lava.

The upper Lower Jurassic Mt. Dilworth Formation consists of a thin sequence varying from black carbonaceous tuffs to siliceous massive tuffs and felsic ash flows. Minor sediments and limestone are present in the sequence. Locally pyritic varieties form strong gossans.

The Middle Jurassic Salmon River Formation is a late to post volcanic episode of banded, predominantly dark colored siltstone, greywacke, sandstone, intercalated claystone, minor limestone, argillite, conglomerate, littoral deposits, volcanic sediments and minor flows.

Overlying the above sequences are the Upper Jurassic Bowser Lake Group rocks. These rocks mark the western edge of the Bowser Basin and are also located as remnants on mountaintops in the Stewart area. These rocks consist of dark grey to black clastic rocks including silty mudstone and thick beds of massive, dark green to dark grey, fine to medium grained arkosic litharenite.

According to E.W. Grove, the majority of the rocks from the Hazelton Group were derived from the erosion of andesitic volcanoes subsequently deposited as overlapping lenticular beds varying laterally in grain size from breccia to siltstone.

D. Aldrick's work to the north of Stewart has shown several volcanic centers in the surveyed area. Lower Jurassic volcanic centers in the Unuk River Formation are located in the Big

Missouri Premier area and in the Brucejack Lake area. Volcanic centers within the Lower Jurassic Betty Creek Formation are in the Mitchell Glacier and Knipple Glacier areas.

There are various intrusives in the area. The granodiorites of the Coast Plutonic Complex largely engulf the Mesozoic volcanic terrain to the west. East of these (in the property area), smaller intrusive plugs range from quartz monzonite to granite to highly felsic. Some are likely related to the late phase offshoots of the Coast plutonism, other are synvolcanic and tertiary. Double plunging, northwesterly - trending synclinal folds of the Salmon River and underlying Betty Creek Formations dominate the structural setting of the area. These folds are locally disrupted by small east-overthrusts on strikes parallel to the major fold axis, cross-axis steep wrench faults which locally turn beds, selective tectonization of tuff units and major northwest faults which turn beds. Figures 3 show the general geology of the property area.

Local Geology

The section on local geology is excerpted from a 1986 assessment report by Tom Lisle:

The AM and related mineral claims cover the upper section of American Creek. This area is shown on British Columbia Ministry of Energy, Mines and Petroleum Resources Maps (Unuk River-Salmon River-Anyox, 1982) to be underlain by the following formations believed to correlate with the lower units 1 and 2 of Aldrick's classification.

*Unit 12 Unuk River Formation
Green, Red and Purple volcanic breccia, conglomerate, sandstone and siltstone (a); Crystal and lithic tuff (b); Sandstone (c); Conglomerate (d); Limestone (e); Chert (f); Minor coal (g).*

Unit 13 Green, Red and purple and black volcanic breccia, conglomerate sandstone and siltstone (a); Crystal and lithic tuff (b); siltstone (c); Minor chert and limestone. (Includes some lava of unit 14)(d).

The upper section of American Creek is shown to follow the course of a major fault trending about 014 degrees. Several kilometers to the south towards the Bear River, the creek is near the axial plane of the American Creek anticline that trends mainly west of north. It is perhaps significant that regional fault directions in this area are also variable. Preliminary work on the AM claims has identified the following.

- A) A lower dark argillite unit that outcrops on both sides of the valley. To the east it is associated with limestone around the old Virginia K workings. To the west it is*

exposed up to elevation 1160 meters asl at the Moonlight showings. At this location it strikes northeast and dips from 40 degrees to 60 degrees northwest. Further to the north, it strikes northwest and dips about 30 degrees northeast.

- B) *The argillite is succeeded upward on the west slope of the valley at approximate elevation 1025 metres asl, by a well-bedded blue-grey siltstone or argillite. Coarser gritty layers up to 1/3 meter in width are present, and near the contacts, rounded clasts of the finer sedimentary rocks occur in the coarser tuff. Where noted, attitudes strike west to the northwest, however dips range from low to moderate angles northeast, north and west.*
- C) *The tuff- siltstone assemblage is succeeded upwards and to the west by a green, maroon and reddish fragmental assemblage that includes tuff, breccia, conglomerate and agglomerate. Small limestone fragments, several tens of meters or more in length, along with minor amounts of dark chert are also evident. Prospecting has shown this unit to be present to the west at least to the 1560 meter elevation. It may correlate with unit 2b in the Aldrick classification.*

A fault, roughly parallel to the American Creek fault, passes north-northeast through the contact area between the siltstone-tuff unit and the green-maroon fragmental unit. This area appears to be a transition zone marked by a narrow 2 meter dark green augite porphyry dyke with conspicuous hornblende; a fine-grained green tuff; a medium grained augite-rich andesite or diorite; and areas of strong silicification. A small outcrop of fine-grained augite porphyry has also been noted west of the fault.

The area around the fault, and particularly to the east, is cut by a northerly-trending, steeply dipping swarm of green felsic dykes that range upwards from 2 meters in width. The dykes contain 2% to 10% mafics, mainly hornblende; trace to 1% pyrite; are commonly chloritized and in places strongly altered (bleached). A whole rock ICP analysis from a specimen at 900s-150W indicates a composition close to dacite or granodiorite.

Near the fault and mainly to the west, the volcanic and sedimentary assemblage is cut by medium to coarse-grained granodiorite porphyry dykes or sills that may be up to 30 meters wide. The rocks contain hornblende laths up to 1 centimeter in length, plagioclase, quartz, and 2% to 3% coarse orthoclase crystals about a centimeter in diameter. These dykes ? trend northerly or northeast and in one location dip -65 degrees westerly. They resemble the Premier Porphyry as shown on plate XX1b, Bulletin 58, Geology and Mineral deposits of the Stewart Area by E.W. Grove, 1971.

A considerable amount of quartz, quartz-siderite and lesser calcite veins and minor barite are present near the fault on the northwest flank of American Creek. The veining is less intense

along the trace to the south, and also up slope to the west. Much, but apparently not all of the quartz is present in late-stage epithermal veins. The veins are commonly crystalline and buggy, and textures, directions and sulphide content indicate more than a single generation of emplacement. Breccias with either rock or quartz fragments are locally developed in the more highly silicified areas. Common directions of veins are northerly, north-northwest, north-northeast, and within a few degrees of west.

Mineralization

Three main types of mineralization occur on the property consisting of the following:

4. Replacement type mineralization with quartz-carbonate-barite with sulfides consisting of sphalerite, galena, chalcopyrite, pyrite and greenockite.
5. Quartz veins with abundant siderite exhibiting strong manganese stain and containing chalcopyrite, pyrite, galena and sphalerite as well as minor fine arsenopyrite and tetrahedrite.
6. Massive sulfide stringers and veins with galena, sphalerite, chalcopyrite, pyrite, and tetrahedrite in strongly carbonate altered rocks.

The main mineral showings outlined to date consist of the Barite and Coates in the replacement type, the Moonlight in the massive sulfide variety and the Lilianne and Virginia K. 5 in the sulfide bearing quartz type.

Descriptions of the showings are as follows:

Coates Showing

The showing has mineralization consisting massive sphalerite-galena filling voids between the brecciated green volcanic clasts. The massive mineralization has a distinct yellow-green weathering product, possibly greenockite. Sulfide content varies from less than 1 % to over 20 % in the mineralized portions. Where observed, the mineralized zone is at least 10 meters in width striking at 305 degrees. It has been observed for over 200 meters of strike length over a vertical height of at least 60 meters. The zone is very subtle with narrow stringers (up to 15 cm wide) of carbonate with sparse galena and sphalerite. These stringers, which assay up to 563 g/t Ag, parallel the strike of the zone. The stringer zone is up to 2 meters wide with fractures and veinlets of massive galena-sphalerite-greenockite filling fractures in a random direction on either side of the stringers. Locally a light brown weathering surface is present over rocks in the zone.

In 2004, select sampling of the sulfide rich portion yielded 0.14 to 0.87 g/T Au, 31.5 to 45.5g/T Ag, 0.016 to 0.073 %Cu, 1.23 to 2.5% Pb and 2.9 to 7.0 % Zn. Best assays in the replacement zone yielded 264.65 g/T silver over 18.3 meters.

Barite Showing

In 2002, Mountain Boy Minerals located float samples of replacement mineralization that consisted of sphalerite-galena bearing carbonate/barite boulders up to 1 meter in diameter that weathered a light brown color with no obvious sign of sulfides. These boulders showed swirl features in the coarse barite crystals as well as minor banding. Sulfide content varied from 2 to 20 % in these boulders. Initial select sampling of barite/carbonate float boulders by Mountain Boy yielded 0.27 to 0.62 g/T Au, 56.7 to 3640 g/T Ag, 1.16 to 7.2 % Pb and 2.52 to 11.50 % Zn. Follow-up select sampling of barite rich boulders yielded 0.65 to 1.13 g/T Au, 54.0 to 126 g/T Ag, 0.072 to 0.10 %Cu, 3.2 to 4.8 % Pb and 10.1 to 15.1 % Zn.

These boulders discovered by Mountain Boy may be related to replacement type mineralization discovered in exploration programs in 1986. Mineralized limestone? and pyritic barite horizons are mentioned in the assessment report. The area of mineralization is on the west side of the ridge separating the American Creek valley from Betty Creek. A grab sample by Mountain Boy minerals Ltd, from the pyritic barite, yielded 7.72 opt/Ag with 0.22 % Pb and 0.26 % Zn. A grab from the same outcrop of pyritic breccia with galena and pyrite yielded 13.83 opt/Ag, 1.60 % Pb and 0.36 % Zn. Widths of the zone and possible strike length are unknown. Potential strike could be greater than 500 meters as the mineralized limestone? is at least 500 meters away from the pyritic barite and on strike. A brief description of the limestone from Assessment Report 15,365 by T. Lisle is as follows:

'On the ridge and slope to the west, small fragments? of limestone a few to a few tens of meters in diameter occur in the green-maroon fragmental unit. The limestone is locally mineralized with galena, sphalerite, and minor tetrahedrite?, pyrite and chalcopyrite. A boulder of similar material was sampled on the ridge at a bearing of 218 degrees from the camp. North of the mineralized limestone, pyritic barite? forms a conspicuous gossan trending about 150 degrees.'

The assessment report gives the following description and assays from the report as follows:

“Exposures of limestone that appear to be small fragments, a few to several meters in diameter, occur within the maroon-green fragmental unit mainly high on the ridge near permanent snow fields. They are locally mineralized with galena, sphalerite and tetrahedrite?. In view of the following assays and implications, further prospecting efforts in this area should be

undertaken.

<u>Sample No.</u>	<u>Width</u>	<u>Au oz/t</u>	<u>Ag oz/t</u>	<u>Cu%</u>	<u>Pb%</u>	<u>Zn%</u>
AC 206	Select	0.023	14.39	-	-	-
AC 207	Select	0.093	5.12	-	-	-
AC 208	Select	0.010	38.90	-	-	-
AC 61	0.75 M	0.004	2.80	0.01	0.77	2.15
AC 62	1.60M	0.001	3.46	0.01	0.25	0.60
AC 63	1.10M	0.001	1.98	0.01	0.08	0.36
AC 64	1.25M	0.016	15.96	0.06	3.06	7.58
AC 246	Float	0.015	12.87	0.03	0.85	6.44"

It appears relative to the location of the two types of boulders float that the boulders sampled by Mountain Boy in all probability originated in a zone that is similar to that described in the assessment report from the 1986 work. It should be noted that the barite rich zone (1986 report) is on the west side of the ridge overlooking Kimball Lake while the boulders found by Mountain Boy are on the east side of the ridge. The indicated strike of the barite rich zone (1986 report) is approximately 320 – 340 degrees (parallel to the ridge) and is over 500 meters in length.

Moonlight Showing - The moonlight showing consists of a 7 meter wide mineral zone exposed over a strike length of 25 meters. It consists of massive galena, sphalerite, tetrahedrite, argentite and pyrite over 0.4 meters of width along the hanging wall with sheared, fractured and pyritized rocks below it. An average of sampling across the 7.5 meters of width averages 0.09 % Cu, 1.63 % Pb, 0.13 % Zn, 7.70 oz/to Ag and 0.004 oz/to Au. Samples from the massive mineralization yielded up to 36 % Pb, 9 % Zn and 226 oz/to Ag and 0.10 oz/to Au.

This showing is along a 500 meter long zone of quartz-carbonate veining with local galena and sphalerite mineralization.

Lilianne Showing

This showing consists of several quartz veins up to 1 meter wide along 100 meters of exposed strike length containing manganiferous siderite, galena, sphalerite, chalcopyrite and pyrite. On vein #1 a weighted average of 14 samples collected in 1986/87 yielded 0.382 oz/ton Au, 7.28 oz/ton Ag, 0.60 % Cu, 0.54 % Pb and 0.035 % Zn over a width of 0.57 meters. On vein #2 a weighted average of 7 samples collected in 1986/87 yielded 0.49 oz/ton Au and 26.28 oz/ton Ag.

Limited drilling in 1988 gave up to 1.98 meters of 0.13 oz/ton Au, 8.8 oz/ton Ag, 0.33 % Cu, 0.104 % Pb and 0.06 % Zn in DDH 88-4.

Virginia K showing

The Virginia K. 5 occurrence described from the Minfile is as follows:

Three types of mineralization occur on the Virginia K. claims (Minister of Mines Annual Report 1932, p. 59):

- 1. Replacement shear zone in argillite.*
- 2. Veins between interbedded sandstone, sandy argillite and tuffs near the top of the predominantly sedimentary sequence.*
- 3. Fracture zones consisting of quartz veins and veinlets in reticulated structures*

The Virginia K. 5 showing is located at the southwest part of the Virginia K. 5 claim (L. 5821). Mineralization was discovered by Excelsior Prospecting in 1931. A 12-metre(?) long adit (No. 2 adit) and nearby open cuts (Nos. 7 and 8) were probably emplaced soon after the discovery. The mineralization was examined in 1980, 1986 and 1987.

The adit exposes a 1 to 2-metre wide manganese and limonite- stained concordant fracture zone that strikes 320 degrees and dips 16 degrees northeast. Mineralization comprises stringers of quartz with galena, sphalerite, chalcopyrite and pyrite in carbonate-altered argillite and greywacke host rocks.

Grab samples of siliceous vein material from the No. 2 adit assayed up to 1,177.7 grams per tonne silver; a grab sample from the immediately adjacent No. 7 cut assayed 433.4 grams per tonne silver (Assessment Report 16842). A chip sample across the face of the adit assayed 607.6 grams per tonne silver, 0.14 gram per tonne gold, 0.83 per cent lead, 0.68 per cent zinc and 0.13 per cent copper across 0.80 metres (Assessment Report 15145).

The Virginia K. 5 showing may correspond to the No. 2 vein mentioned in the 1931 Minister of Mines Annual Report (p. 44). The location of this vein is not clear. The No. 2 vein is described as being southeast striking and about 3.7 metres wide. A chip(?) sample assayed 9.6 grams per tonne gold, 1,522.3 grams per tonne silver and 8.01 per cent lead across 3.7 metres (Minister of Mines Annual Report 1931, p. 44).

On the Virginia K. Extension 2 claim, near the southeastern corner, and about 400 metres north of the No. 2 adit, the No. 6 cut exposes andesitic and porphyritic dikes in a fault. The fault strikes at 300 degrees and dips steeply north (Assessment Report 8982, p. 11). Galena and sphalerite occur in a 30 centimetre wide zone between the dikes. A composite chip (grab) sample assayed 783.1 grams per tonne silver, 0.04 grams per tonne gold, 1.76 per cent lead and 2.61 per cent zinc (Assessment Report 8982). This showing may correspond to an occurrence described in Annual Report, 1932, p. 60.

DIAMOND DRILLING

During the period July 15, to September 30, 2006, Mountain Boy Minerals Ltd and Pinnacle Mines Ltd drilled 1307.61 meters of BTW drill core in 15 separate drill holes from 2 different pads utilizing a modified J. K. Smit 300 drill owned by Mountain Boy. DDH 2006-FR-1 through Fr-3 were drilled from pad #1 in order to test the Coates zone. Drill holes FR-4 through FR-15 were drilled from a second pad in order to test the area of the Moonlight vein.

The main rock types intersected were andesite tuffs and argillites intruded by porphyritic granodiorite.

Drill hole azimuths, dips and total depth of hole are summarized below:

Table 1-Drilling Summary

<u>Drill Hole by Number</u>	<u>Pad No.</u>	<u>Azimuth Degrees</u>	<u>Dip Degrees</u>	<u>Total Depth (m)</u>
2006-FR -1	Pad 1	135	-55	257.62
2006-FR-2	Pad 1	135	-65	218.60
2006-FR-3	Pad 1	135	-75	129.57
2006-FR-4	Pad 2	125	-45	5.18
2006-FR-5	Pad 2	125	-55	16.77
2006-FR-6	Pad 2	125	-65	59.45
2006-FR-7	Pad 2	125	-75	44.51
2006-FR-8	Pad 2	125	-85	67.38
2006-FR-9	Pad 2	138	-55	51.83
2006-FR-10	Pad 2	138	-65	59.15
2006-FR-11	Pad 2	138	-75	62.20

2006-FR-12	Pad 2	138	-85	47.87
2006-FR-13	Pad 2	vertical	-90	57.93
2006-FR-14	Pad 2	305	-45	81.10
2006-FR-15	Pad 2	305	-55	148.48

Total 1307.61 m

Drill log summaries are as follows:

FR-2006-1

The hole encountered green, fine grained andesite tuff with minor jasper and siltstone and 3 to 5 % quartz-carbonate stringers at 1.83 to 11.13 m.

At 11.13 to 11.89 m, the hole intersected a fault zone.

From 11.89 to 13.41 m the hole intersected andesite tuff as above.

At 13.41 to 15.70, the hole encountered a weakly carbonate altered zone with carbonate-jasper-barite veins carrying traces of galena.

The hole encountered green, brecciated andesite tuff with 2 to 3 % quartz-carbonate stringers at 15.70 to 24.70 m.

From 24.70 to 25.61 m the hole encountered a weakly carbonate altered zone with carbonate-jasper carrying sphalerite and chlorite.

From 25.61 to 33.54 m the hole intersected weakly sausseritized andesite tuff with disseminated jasper.

At 33.54 to 36.74 m the hole encountered a weakly carbonate altered zone with carbonate--jasper and minor galena.

From 36.74 to 47.87 m the hole intersected andesite tuff as above.

At 47.87 to 51.52 m the hole encountered a weakly carbonate altered zone containing carbonate--jasper with minor galena as well as traces of chalcopyrite and pyrite.

The hole hit andesite tuff from 51.52 to 56.10 m.

At 56.10 to 57.62 m, the hole intersected a fault zone.

From 57.62 to 60.67 m the hole hit andesite tuff with 2-3 % quartz-calcite stringers.

The hole encountered a weakly carbonate altered zone with minor galena and trace chalcopyrite at 33.54 to 36.74 m.

The hole intersected brecciated andesite tuff from 62.20 to 93.90 m.

At 93.90 to 98.17 m the hole encountered a weakly carbonate altered zone with abundant quartz-carbonate stringers containing minor pale yellow sphalerite, galena and rhodochrosite.

From 98.17 to 119.51 m the hole intersected brecciated andesite tuff with traces of local sphalerite and rhodochrosite.

At 119.51 to 122.10 m, the hole intersected grey-green andesite tuff that is sericite-chlorite altered.

From 122.10 to 130.18 m, the hole hit a grey fine grained andesite dyke.

At 130.18 to 167.68 m, the hole encountered a dark grey andesite crystal tuff with minor hematite and jasper.

The hole intersected reddish-grey brecciated andesite tuff with minor quartz-carbonate stringers at 167.68 to 175.91 m.

The hole hit andesite tuff from 175.91 to 186.28 m with minor quartz-carbonate veinlets containing trace to minor pyrite and chalcopyrite.

From 186.28 to 207.62 m, the hole hit brecciated andesite tuff same as the interval from 167.68 to 175.91m.

At 207.62 to 217.68 m, the hole encountered an alteration zone that is weakly to strongly silicified as well as containing minor rhodochrosite.

From 217.68 to 257.62 m, the hole encountered a dark grey andesite crystal tuff with strong chlorite alteration and minor hematite.

The hole was stopped at 257.62 m.

Figure 8 shows the geological section for DDH – 2006-FR -1 to 3.

FR-2006-2

Fine grained chlorite altered andesite tuff was hit by the hole at 1.52 to 18.90 m.

From 18.90 to 111.13 m the hole encountered andesite lapilli tuff that is weakly silicified and locally contains up to 40 % quartz-carbonate with minor sphalerite.

The hole intersected andesite tuff with strong chlorite alteration at 111.13 to 116.77 m.

At 116.77 to 122.26 m the hole encountered andesite lapilli tuff that is strongly chlorite altered.

From 122.26 to 134.15 m the hole encountered a felsic intrusive that is feldspar porphyritic to aphanitic with moderate sericite-chlorite alteration.

The hole encountered andesite pyroclastic that is partly replaced by siliceous aphanitic felsic rock from 134.15 to 169.91 m. There are minor carbonate-rhodochrosite replacements.

From 169.91 to 214.94 m the hole encountered andesite lapilli tuff that is strongly chlorite altered with minor carbonate veining.

The hole intersected andesite tuff with weak chlorite alteration at 214.94 to 218.60 m.

The hole was stopped at 218.60 m.

Figure 8 shows the geological section for DDH – 2006-FR -1 to 3.

FR-2006-3

From 2.13 to 16.77 m the hole ran across porphyritic intrusive consisting of granodiorite with 2 % quartz stringers.

At 16.77 to 50.00 m the hole ran across porphyritic intrusive consisting of granodiorite with 5-15 % quartz stringers with local hematite and local minor pale yellow sphalerite.

The hole hit porphyritic intrusive at 50.00 to 55.18 m with strong carbonate alteration as well as minor pale yellow sphalerite and minor hematite.

The hole intersected reddish-green andesite tuff at 79.27 to 86.89 m.

At 86.89 to 102.13 m the hole intersected hematite rich andesite tuff with minor quartz-carbonate stringers containing traces galena, sphalerite and specularite.

The hole intersected reddish-green andesite tuff at 102.13 to 125.00 m same as at 79.27 to 86.89 m.

From 125.00 to 129.57 m, the hole intersected moderate to strongly silicified gr. abundant chlorite and traces pyrite.

The hole was terminated at 129.57 m.

Figure 8 shows the geological section for DDH – 2006-FR -1 to 3

FR-2006-4

At 0-5.18 m the hole intersected greenish-grey porphyritic intrusive with 2 to 3 % quartz carbonate stringers.

The hole was abandoned at 5.18m..

Figure 9 shows the geological section for DDH – 2006-FR – 4 to 8 and 14 to 15.

FR-2006-5

From 0-10.37 m the hole intersected grey weakly chlorite – sericite altered porphyritic intrusive.

The hole intersected black to dark green andesite tuff at 10.37 – 12.0 m.

From 12.20 – 16.7 m the hole intersected intensely carbonate altered porphyritic intrusive. The zone contained 2-3 % quartz carbonate stringers with minor sphalerite and trace galena.

The hole was stopped at 16.7 m

Figure 9 shows the geological section for DDH – 2006-FR – 4 to 8 and 14 to 15.

FR-2006-6

At 0-10.37 m the hole intersected grey porphyritic intrusive with weak sericite chlorite alteration.

From 10.37 to 13.4 m the hole encountered black to dark purplish grey andesite tuff.

At 13.41 to 19.51 m the hole intersected intensely altered porphyritic intrusive with trace sphalerite, galena and specularite.

From 19.51 to 29.12 m the hole intersected andesite tuff same as the interval from 10.37 to 13.41 m.

The hole intersected porphyritic intrusive from 29.12 to 35.06 m.

At 35.06 to 38.26 m the hole intersected intensely carbonate altered porphyritic intrusive and the Moonlight vein. The vein contained 2-3 % chalcopyrite, tetrahedrite, galena, sphalerite, and trace argentite.

From 38.26 to 42.99 m the hole hit porphyritic intrusive that is weak to moderate carbonate altered.

The hole hit andesite tuff from 42.99 to 44.51 m.

At 44.51 to 54.88 m the hole intersected green – grey andesite tuff with 2-3 % quartz carbonate.

From 54.88 to 59.49 m the hole encountered porphyritic intrusive.

The hole was terminated at 59.45 m.

Figure 9 shows the geological section for DDH – 2006-FR – 4 to 8 and 14 to 15.

FR-2006-7

From 0-8.84 m the hole intersected grey andesite tuff with minor quartz carbonate and trace pyrite.

At 8.84 to 14.3 m the hole hit porphyritic intrusive that is weakly chlorite – sericite altered.

The hole hit interbedded black tuff and argillite at 14.33 to 19.21 m.

From 19.21 to 36.89 m the hole hit porphyritic intrusive with 10-15 % quartz - carbonate as irregular stringers containing minor pyrite, galena, and sphalerite.

The hole hit black tuff and argillite at 36.89 to 44.51 m.

The hole was stopped at 44.51 m.

Figure 9 shows the geological section for DDH – 2006-FR – 4 to 8 and 14 to 15.

FR-2006-8

At 0 – 17.3 m the hole hit grey porphyritic intrusive with minor chlorite alteration.

From 17.38 to 33.23 m the hole intersected interbedded black tuff and argillite with 5-7 % quartz carbonate stringers.

At 33.23 to 38.72 m the hole intersected intensely altered porphyritic intrusive. In this section from 38.11 to 38.72 m the hole hit the Moonlight vein containing tetrahedrite, chalcopyrite, galena, and sphalerite.

From 38.72 to 44.82 m the hole encountered dark grey to black tuff with minor interbedded argillite.

At 44.82 to 67.38 the hole intersected grey porphyritic intrusive with zones of andesite tuff interbedded with argillite.

The hole was stopped at 67.38 m.

Figure 9 shows the geological section for DDH – 2006-FR – 4 to 8 and 14 to 15.

FR-2006-9

From 0.91 to 22.26 m the hole hit weakly carbonate – chlorite altered tuff.

At 22.26 to 30.03 m the hole intersected green weakly carbonate – chlorite altered porphyritic intrusive.

From 30.03 to 38.41 m the hole hit aphanitic black tuff and fine grained green andesite tuff.

At 38.41 to 39.94 m the hole hit the Moonlight vein containing minor tetrahedrite and galena.

From 39.94 to 51.83 m the hole hit interbedded black tuff and green andesite tuff.

The hole was stopped at 51.83m.

Figure 10 shows the geological section for DDH – 2006-FR -9-13.

FR-2006-10

From 1.5 to 10.37 m the hole intersected green andesite tuff with 2-3 % quartz carbonate veins.

At 10.37 to 19.51 m the hole intersected grey – green porphyritic containing 5-10 % quartz carbonate stringers.

The hole hit porphyritic intrusive with weak to strong carbonate alteration containing narrow quartz veins with minor sphalerite and trace galena at 19.51 to 21.10 m.

From 22.1 to 31.55 m the hole intersected grey – green porphyritic intrusive.

At 31.55 to 37.20 m the hole encountered interbedded black tuff and argillite.

From 37.02 to 42.99 m the hole hit intensely carbonate altered andesite tuff. Within this interval from 37.96 to 38.26 m the hole hit the Moonlight vein containing sphalerite, galena, and chalcopyrite.

At 42.99 to 51.52 m the hole hit green andesite tuff.

The hole hit black tuff and argillite at 51.52 to 59.15 m.

The hole was stopped at 59.15 m.

Figure 10 shows the geological section for DDH – 2006-FR -9-13.

FR-2006-11

From 0.91 to 6.04 m the hole hit grey porphyritic intrusive carbonate – chlorite altered.

At 6.40 to 8.84 m the hole hit grey andesite tuff containing 2-3 % quartz carbonate stringers.

The hole hit aphanitic black tuff containing 1-2 % quartz carbonate stringers at 8.84 to 14.33 m.

From 14.33 to 16.46 m the hole hit grey andesite tuff with local carbonate alteration.

At 16.46 to 19.05 m the hole hit grey porphyritic intrusive that is carbonate – chlorite altered.

The hole intersected aphanitic black tuff containing 1-2% quartz stringers at 19.05 to 22.87 m .

From 22.87 to 28.96 m the hole encountered grey andesite tuff.

At 28.96 to 34.30 m the hole hit weakly carbonate – chlorite altered porphyritic intrusive.

From 34.30 to 43.90 m the hole hit intensely carbonate porphyritic intrusive. Within this zone at 36.89 to 39.33 the hole hit the Moonlight vein containing chalcopyrite, galena and tetrahedrite.

At 43.90 to 62.20 the hole encountered grey andesite tuff.

The hole was stopped at 62.20 m.

Figure 10 shows the geological section for DDH – 2006-FR -9-13.

FR-2006-12

At 1.83 to 5.18 m the hole hit green andesite tuff with 2-3% quartz carbonate stringers.

From 5.18 to 13.11 m the hole intersected light green porphyritic intrusive.

Black tuff was intersected at 13.11 to 18.90 m.

From 18.90 to 25.30 m the hole intersected grey porphyritic intrusive with minor quartz carbonate stringers.

At 25.30 to 38.87 m the hole intersected interbedded black tuff and argillite.

The hole intersected the Moonlight vein containing 2-3% sulphides consisting of minor galena, chalcopyrite, tetrahedrite, and sphalerite from 38.87 to 40.40 m.

At 40.40 to 45.43 m the hole intersected black tuff and argillite.

From 45.43 to 47.87 m the hole intersected porphyritic intrusive.

The hole was stopped at 47.87m.

Figure 10 shows the geological section for DDH – 2006-FR -9-13.

FR-2006-13

At 0- 16.6 m the hole intersected grey porphyritic intrusive with 4-5 % quartz carbonate.

From 16.16 to 32.32 m the hole encountered dark grey andesite tuff interbedded with black argillite.

From 32.32 to 38.26 m the hole hit intensely carbonate altered tuff. Within the zone at 37.80 to 38.26 m the hole encountered the Moonlight vein containing galena, chalcopyrite and tetrahedrite.

At 38.26 to 51.52 m the hole intersected grey andesite tuff interbedded with minor black argillite.

The hole hit porphyritic intrusive with trace pyrite at 51.52 to 57.93 m.

The hole was stopped at 57.93 m.

Figure 10 shows the geological section for DDH – 2006-FR -9-13.

FR-2006-14

At 0 to 10.8 m the hole intersected interbedded black tuff and argillite.

From 10.8 to 13.41 m the hole hit green grey porphyritic intrusive.

The hole hit black argillite at 13.41 to 15.70 m.

From 15.70 to 19.97 m the hole intersected grey porphyritic intrusive.

At 19.97 to 54.57 m the hole intersected black argillite.

From 54.57 to 57.93 m the hole intersected porphyritic intrusive.

At 57.93 to 67.07 m the hole intersected black argillite with barite stringers.

From 67.07 to 67.99 m the hole intersected porphyritic intrusive.

The hole intersected with brecciated argillite with porphyritic intrusive fragments in the argillite at 67.99 to 73.93 m.

At 73.93 to 81.0 m the hole hit sericite altered grey andesite tuff.

The hole was stopped at 81.0 m.

Figure 9 shows the geological section for DDH – 2006-FR – 4 to 8 and 14 to 15.

FR-2006-15

From 1.83 to 3.05 m the hole hit green andesite tuff.

At 3.05 to 15.85 m the hole hit interbedded argillite and black volcanic sandstone with minor barite.

From 15.85 to 22.10 m the hole intersected grey porphyritic intrusive that is highly faulted.

At 22.10 to 25.30 m the hole intersected argillite interbedded with black volcanic sandstone.

From 25.30 to 28.05 m the hole intersected porphyritic intrusive.

At 28.05 to 97.56 m the hole intersected interbedded argillite and black volcanic sandstone.

DDH	(m)	(m)	(m)	g/t	g/t	%	%	%
FR-1	24.70	25.61	0.91	0.01	132.6	0.009	0.26	0.34
FR-1	47.87	49.39	2.44	0.01	39.6	0.008	0.15	0.17
FR-1	60.67	61.89	1.22	0.01	98.8	0.003	0.11	0.15
FR-1	158.54	160.06	1.52	0.01	153.9	0.006	0.12	0.51
FR-2	50.91	63.11	12.2	0.022	40.5	0.011	0.24	1.04
FR-3	28.96	32.01	3.05	0.01	41.8	0.009	0.08	0.05
FR-6	35.06	36.89	1.83	0.19	1412	0.303	0.09	0.44
FR-8	37.8	38.72	0.92	0.11	200	0.097	0.84	0.23
FR-9	38.41	39.94	1.53	0.21	228.7	0.345	0.25	0.15
FR-12	37.34	40.4	3.06	0.085	227.75	0.051	1.12	0.31

Figure 11 shows the assay section for DDH 2006-FR-1 to 3 inclusive. Figure 12 shows the assay section for DDH 2006-FR- 4 to 8 and 14-15. Figure 13 shows the assay section for DDH 2006-FR-10 - 13. Best silver values were obtained on the Moonlight vein in DDH 2006-FR-6 which yielded 1.83 meters of 0.19 g/t Au, 1412 g/t Ag, 0.303 % Cu, 0.09 % Pb and 0.44 % Zn. Best silver value in the Coates showing was 0.91 m of 0.01 g/t Au, 132.6 g/t Ag, 0.09 % Cu, 0.26 % Pb and 0.34 % Zn.

Analytical procedures for assays are shown in Appendix I. Complete drill logs with assay results for DDH-2005-FR 1-15 inclusive are located in Appendix II. Complete assay results for the

drilling are located in Appendix III while Appendix VI shows the calculations for each drill hole with widths and assays used in determining Table 2.

GEOCHEMISTRY

Introduction

Reconnaissance rock samples were taken from the area of the Lilianne vein. The location of the vein is shown in figure 14 at a scale of 1: 5,000 in relation to the claim lines.

Altogether 140 rock samples were taken: 33 bedrock grab and 107 float. Locations for the all samples were located by reference to GPS locations.

Field Procedure and Laboratory Technique

Rock samples were taken in the field with a prospector's pick and collected in standard plastic sample bag. Grab samples were taken to ascertain character of mineralization at any specific locality. These samples consisted generally of three to ten representative pieces with total sample weight ranging between 0.5 to 2.0 kgs. Complete descriptions of the rock samples, in terms of type, noted mineralization and relationship to nearby features are located in Appendix V.

All rock samples were analyzed by Assayers Canada, both in Vancouver, British Columbia. Rock samples were first crushed to minus 10 mesh (70 % of sample) using jaw and cone crushers. Then 250 grams of the minus 10-mesh material was pulverized to minus 150 mesh using a ring pulverizer. A modified Aqua Regia solution is added to each sample and leached for 1 hour at greater than 95 degrees Celsius. The resulting solution was then analyzed by atomic absorption. The analytical results were then compared to prepared standards for the determination of the absolute amounts. For the determination of the remaining trace and major elements Inductively Coupled Argon Plasma (ICP) was used. In this procedure a 0.5-gram portion of the minus 140-mesh material is digested with aqua regia for 1 hour at 95 degrees Celsius and made up to a volume of 20 mls prior to the actual analysis in the plasma. Again the absolute amounts were determined by comparing the analytical results to those of prepared standards. Appendix I has the methods and specifications description as supplied by Assayers Canada.

Appendix VI has the complete analyses results.

Statistical Treatment

No statistical treatment of the geochemical data was undertaken.

Anomalous Zones

Rock geochemical sampling was principally restricted to float and bedrock sampling of any identified mineralized rocks, in the area of the Lilianne vein.

Work showed that the Lilianne vein was at least 600 meters long with strong gold-silver values. Best results included 236.6 g/t Au, 8108 g/t Ag, 11.24 % Cu, 5.95 % Pb and 13.4 % Zn. Sampling was also successful in outlining a number of parallel splays to the main Lilianne vein. Results of the sampling indicate a strong correlation between high copper values and high gold values.

Figures 15 and 16 show the assay values and sample locations for the geochemical samples.

Trenching and drilling is recommended for the vein in order to test for width, strike length and gold-silver tenor.

CONCLUSIONS

1. The FR property is located about 42 kilometers north of Stewart, British Columbia in the Skeena Mining Division. The property covers an area of Hazelton pyroclastic volcanic rocks that have been folded into an anticline along American Creek.
2. The property contains approximately 7675 hectares within 21 claims.
3. Three main types of mineralization occur on the property consisting of the following:
 - a. Replacement type mineralization with quartz-carbonate-barite with sulfides consisting of sphalerite, galena, chalcopyrite, pyrite and greenockite.
 - b. Quartz veins with abundant siderite exhibiting strong manganese stain and containing chalcopyrite, pyrite, galena and sphalerite as well as minor fine arsenopyrite and tetrahedrite.
 - c. Massive sulfide stringers and veins with galena, sphalerite, chalcopyrite, pyrite, and tetrahedrite in strongly carbonate altered rocks.

4. The main mineral showings outlined to date consist of the Barite and Coates in the replacement type, the Moonlight in the massive sulfide variety and the Lilianne and Virginia K. 5 in the sulfide bearing quartz type.
5. During the period July 15, to September 30, 2006, Mountain Boy Minerals Ltd and Pinnacle Mines Ltd conducted an exploration program on the FR 1 and 4 claims in the central portion of the property consisting of geochemical sampling along the Lilianne vein and diamond drilling to test the silver tenor of the Moonlight and Coates showing.
6. A total of 1307.61 meters of BTW drill core was completed in 15 separate drill holes from 2 different pads. Best silver values were obtained on the Moonlight vein in DDH 2006-FR-6 which yielded 1.83 meters of 0.19 g/t Au, 1412 g/t Ag, 0.303 % Cu, 0.09 % Pb and 0.44 % Zn. Best silver value in the Coates showing was 0.91 m of 0.01 g/t Au, 132.6 g/t Ag, 0.09 % Cu, 0.26 % Pb and 0.34 % Zn.
7. A total of 140 rock geochemical samples were collected from the area of the Lilianne vein. Work showed that the vein was at least 600 meters long with strong gold-silver values. Best results included 236.6 g/t Au, 8108 g/t Ag, 11.24 % Cu, 5.95 % Pb and 13.4 % Zn.
8. Based on the favorable results in the 2006 work on the Lilianne vein, an exploration program involving further prospecting, trenching, and diamond drilling is recommended for the property. Expected cost of the above programs is approximately \$250,000.
9. Expected cost of the program is approximately \$300,000.

RECOMMENDATIONS

The recommended program is outlined as follows:

1. **Prospecting**

Prospecting should be carried out on any extension to the Lilianne vein

2. **Geochemical Surveys**

Further rock geochemistry is recommended particularly rock chip sampling in areas of known anomalous metal values and/or newly discovered zones.

3. **Trenching**

Trenching using a small excavator and/or explosives should test along strike of the Lillianne vein.

Trenching would also include any newly discovered mineralization.

4. **Diamond drilling**

Diamond Drilling is recommended to complete 1000 meters of drilling along the Lillianne vein to test for vein width and gold-silver tenor.

Estimated Cost of the Program

Geochemical Sampling	\$11,600.00
2 geologists @ \$800.00/day for 10 days - \$8,000.00	
2 assistants @ \$360.00/day for 10 days - \$3,600.00	
Helicopter and associated trenching	
Helicopter – 70 hours @ \$1200.00/hour- \$84,000.00	
1000 Rock Samples @ \$25.00 All Inclusive-\$25,000.00	
2 geologists @ \$800.00/day for 20 days - \$16,000.00	
2 assistants @ \$360.00/day for 20 days - \$7,200.00	
	\$132,200.00
Diamond Drilling	
1000 meters @ \$75,000.00/meter	\$75,000.00
Accommodation	
120 man days @ \$ 60.00/day	\$7,200.00
Vehicle rental	\$5,000.00
Mob/Demob	\$6,000.00
Consumables (plastic bags, fuel, explosives, etc.)	\$3,000.00
Trenching - drill, compressor rental, excavator	\$30,000.00
Reporting	\$10,000.00
Contingency	\$20,000.00
Total	<u>\$300,000.00</u>

REFERENCES

1. ALLDRICK, D.J. (1984); "Geological Setting of the Precious Metals Deposits in the Stewart Area", Paper 84-1, Geological Fieldwork 1983, B.C.M.E.M.P.R.
2. ALLDRICK, D.J. (1985); "Stratigraphy and Petrology of the Stewart Mining Camp (104B/1E)", p. 316, Paper 85-1, Geological Fieldwork 1984, B.C.M.E.M.P.R.
3. CREMONESE, D. M., Geophysical Report on an Airborne Magnetic and VLF-EM Survey-Kelly 1-4 Claims. B.C.E.M.P.R Assessment Report 17,607.
4. DICK, D., McINTOSH, R. AND PARKIN, J., (1987) Report on Field Trip to Virginia K Group.
5. B.C.E.M.P.R Assessment Report 16842.
6. Golden Glacier resources Inc Prospectus (1988).
7. GREIG, C.J., ET AL (1994); "Geology of the Cambria Icefield: Regional Setting for Red Mountain Gold Deport, Northwestern British Columbia", p. 45, Current Research 1994-A, Cordillera and Pacific Margin, Geological Survey of Canada.
8. GROVE, E.W. (1971); Bulletin 58, Geology and Mineral Deposits of the Stewart Area. B.C.M.E.M.P.R.
9. GROVE, E.W. (1982); "Unuk River, Salmon River, Anyox Map Areas. Ministry of Energy, Mines and Petroleum Resources, B.C.
10. GROVE, E.W. (1987); Geology and Mineral Deposits of the Unuk, River-Salmon, River-Anyox, Bulletin 63, B.C.M.E.M.P.R.
11. HOUSE, G.D., (1988); Assessment Report on the 1988 Drill Program on the Virginia K
12. Group Of Claims. B.C.E.M.P.R Assessment Report 18,430,
13. LISLE, T.E., (1986); Prospecting Report on the Virginia K Property. B.C.E.M.P.R Assessment Report 15,165,
14. LISLE, T.E., (1986); Geological Report on the AM-Virginia K Mineral Claims. B.C.E.M.P.R Assessment Report 15,365.

15. MURTON, J.W (1987); 1987 Report on the AM 1 \$ 2 and Virginia K Group of Claims.
16. VISAGIE, D. A., (1991) Geochemical Report on the Virginia K Group. B.C.E.M.P.R Assessment Report 20,726.
17. YACOUB, F. F., and KIHAUHA, A., (1982); Geological, Geochemical and Geophysical Report on the Rich 1, 2, 3 and 4 Claim Group. B.C.E.M.P.R Assessment Report 19,746.

CERTIFICATE

I, Edward R. Kruchkowski, geologist, residing at 23 Templeside Bay, N.E., in the City of Calgary, in the Province of Alberta, hereby certify that:

1. I received a Bachelor of Science degree in Geology from the University of Alberta in 1972.
2. I have been practicing my profession continuously since graduation.
3. I am a member of the Association of Professional Engineers, Geologists and Geophysicists of Alberta.
4. I am a member of the Association of Professional Engineers and Geoscientists of British Columbia.
5. I am a consulting geologist working on behalf of Mountain Boy Minerals and Pinnacle Mines Ltd.
6. The main source of information has been the geological and sampling programs conducted by the author and others in 2006. The author also has a general knowledge on the Stewart region gained in exploration programs in the period 1969 - 2006.
7. I am familiar with epithermal deposits having visited and worked on these types of deposits in Canada, USA and Mexico and have conducted exploration programs on these type of occurrences in the Stewart region.

Dec 28/06
Date:



E.R. Kruchkowski, B.Sc.

STATEMENT OF EXPENDITURES

Field Personnel---July 15 to September 30, 2006

E. R. Kruchkowski, geologist 20 days at \$450.00/day	\$9,000.00
Alex Walus , geologist 5 days @ \$300.00/day	\$1,500.00
Sheila Ballantyne, geologist 5 days @ \$300.00/day	\$1,500.00
Hugh Samson, Geologist 10 days @ \$225.00/day	\$2,250.00
Rob Pelkey, geologist 20 days @ \$225.00/day	\$4,500.00
R Kasum, operations manager 20 days at \$300.00/day	\$6,000.00
Kaitlin Cherniwchan, geological assistant 10 days at \$180.00/day	\$1,800.00
Alexandra Cremonese, geological assistant 10 days at \$180.00/day	\$1,800.00
Peter Leigh, geological assistant 10 days at \$180.00/day	\$1,800.00
Lou Kamermans, geological assistant 10 days at \$180.00/day	\$1,800.00

Helicopter---Hayes Helicopters-contact machine based in Stewart, B.C.

Crew drop-off/pick-ups-July 15-September 30, 2006 Invoices	\$98,037.97
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Diamond Drilling 1307.61 meters @ \$90.00/m \$117,684.90

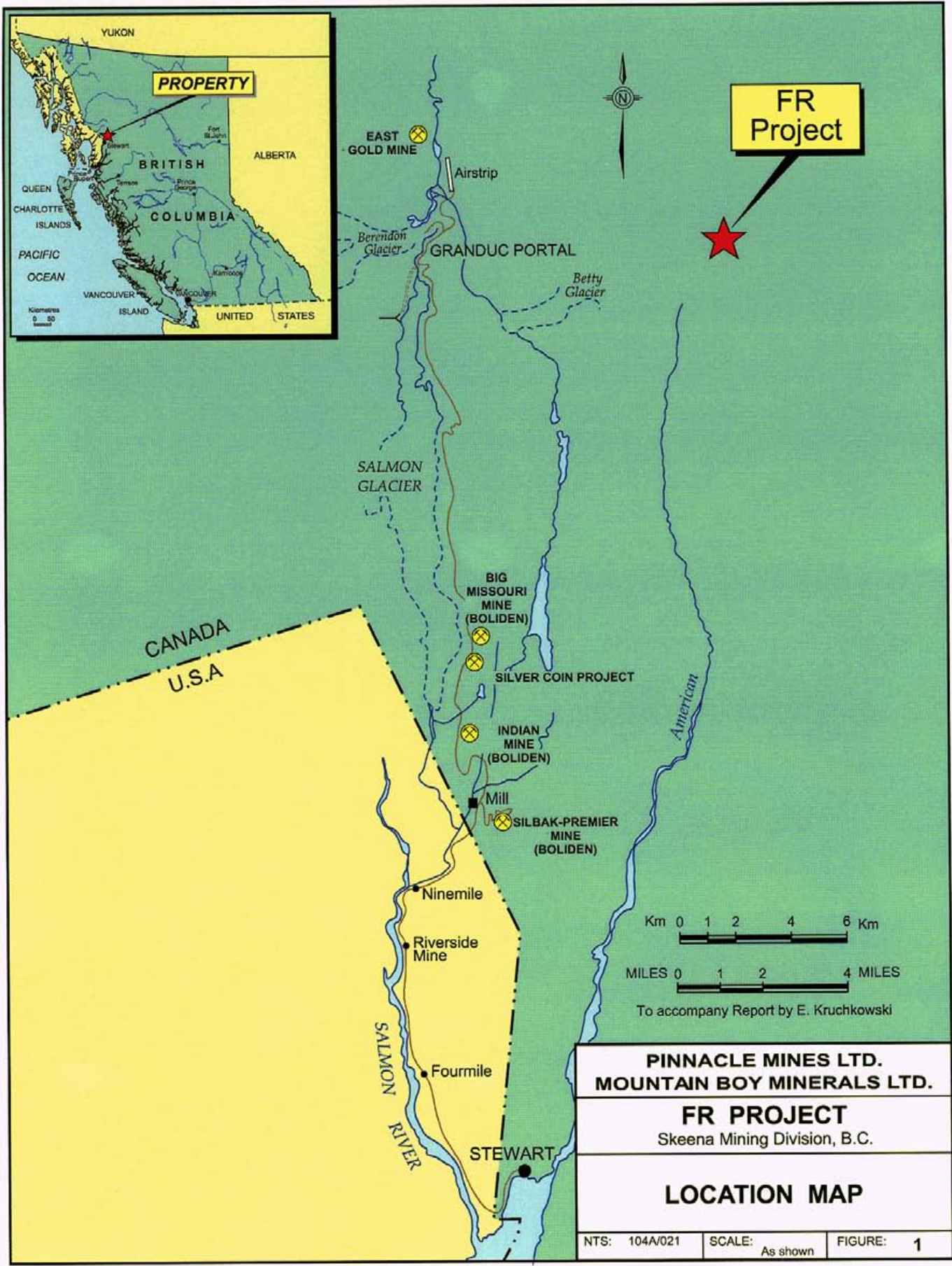
Sample Analysis	\$4,455.94
Diamond Drill Core 191 samples @ \$22.65/sample	\$4,326.15
Rock samples 140@ \$22.65/sample	\$3,171.00

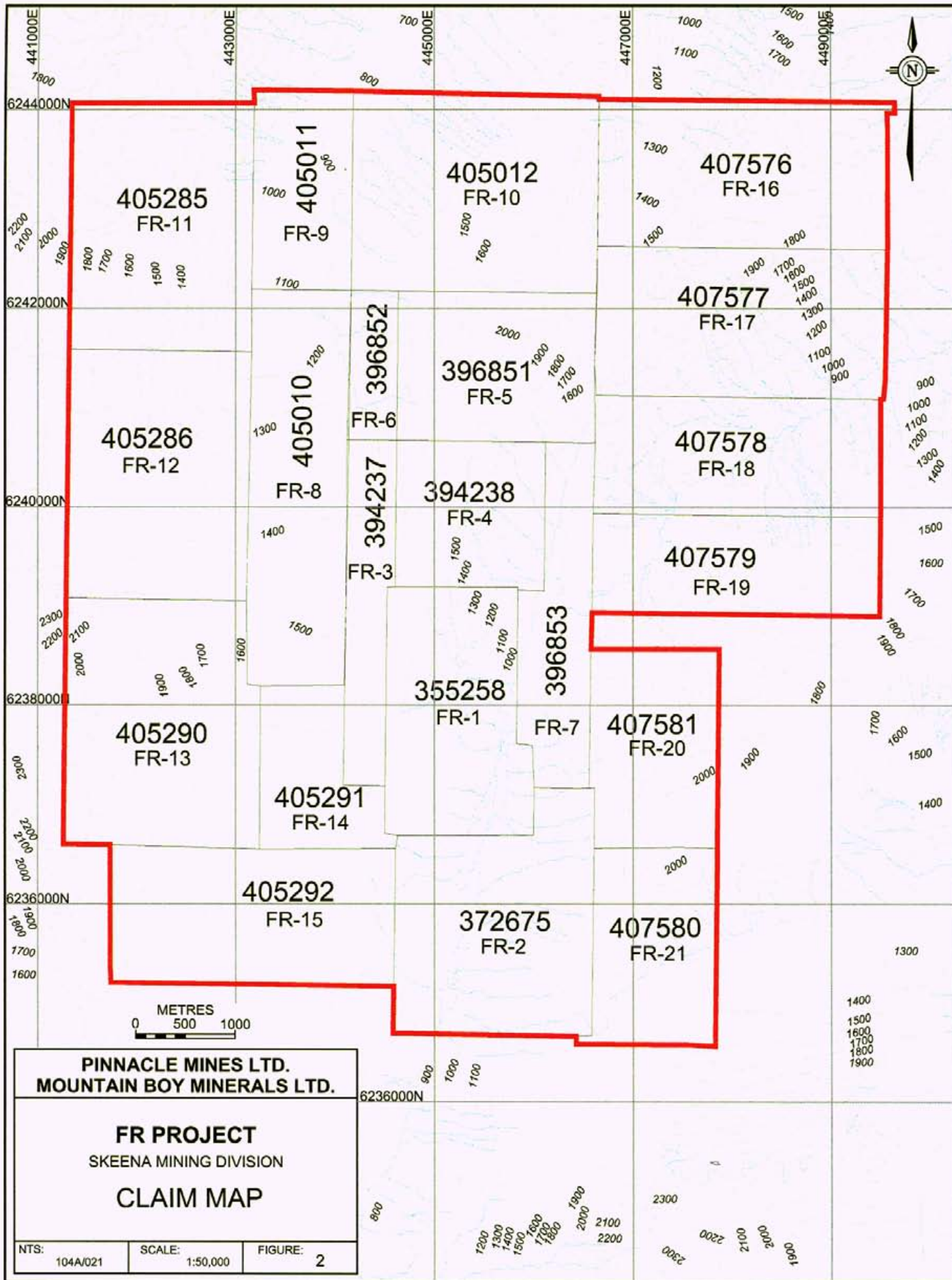
Wood for Drill Pads @ \$1600.00/pad \$3,200.00

Freight on Samples \$2,000.00

Core Cutting 5 days @ \$230,00 \$1,150.00

Mob/Demob for crew \$5,000.00





405285
FR-11

405011
FR-9

405012
FR-10

407576
FR-16

407577
FR-17

405286
FR-12

405010
FR-8

396852
FR-6

396851
FR-5

407578
FR-18

394237
FR-3

394238
FR-4

407579
FR-19

396853

355258
FR-1

FR-7

407581
FR-20

405290
FR-13

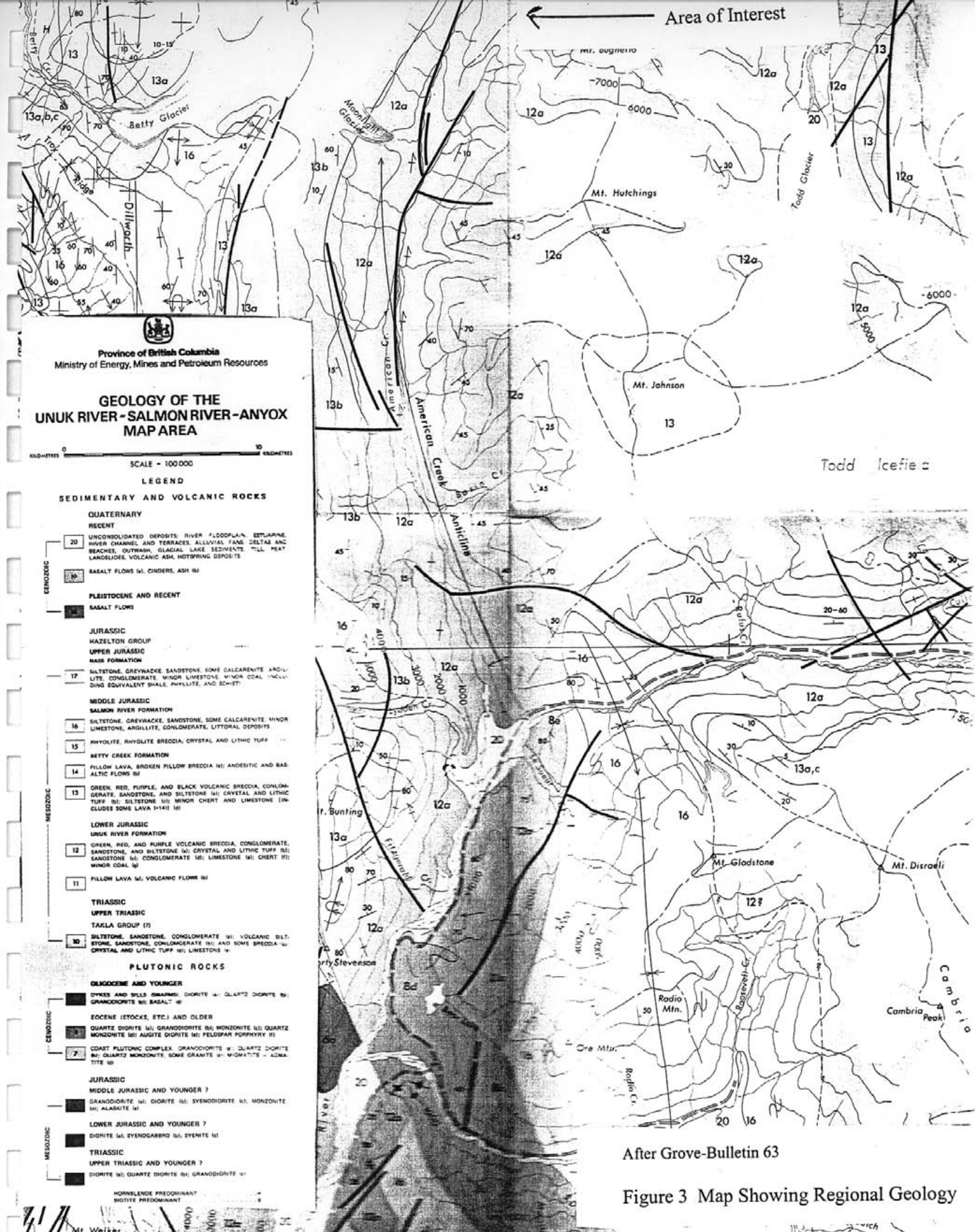
405291
FR-14

405292
FR-15

372675
FR-2

407580
FR-21





Area of Interest

Province of British Columbia
Ministry of Energy, Mines and Petroleum Resources

**GEOLOGY OF THE
UNUK RIVER - SALMON RIVER - ANYOX
MAP AREA**

0 10
KILOMETERS METERS
SCALE - 100 000

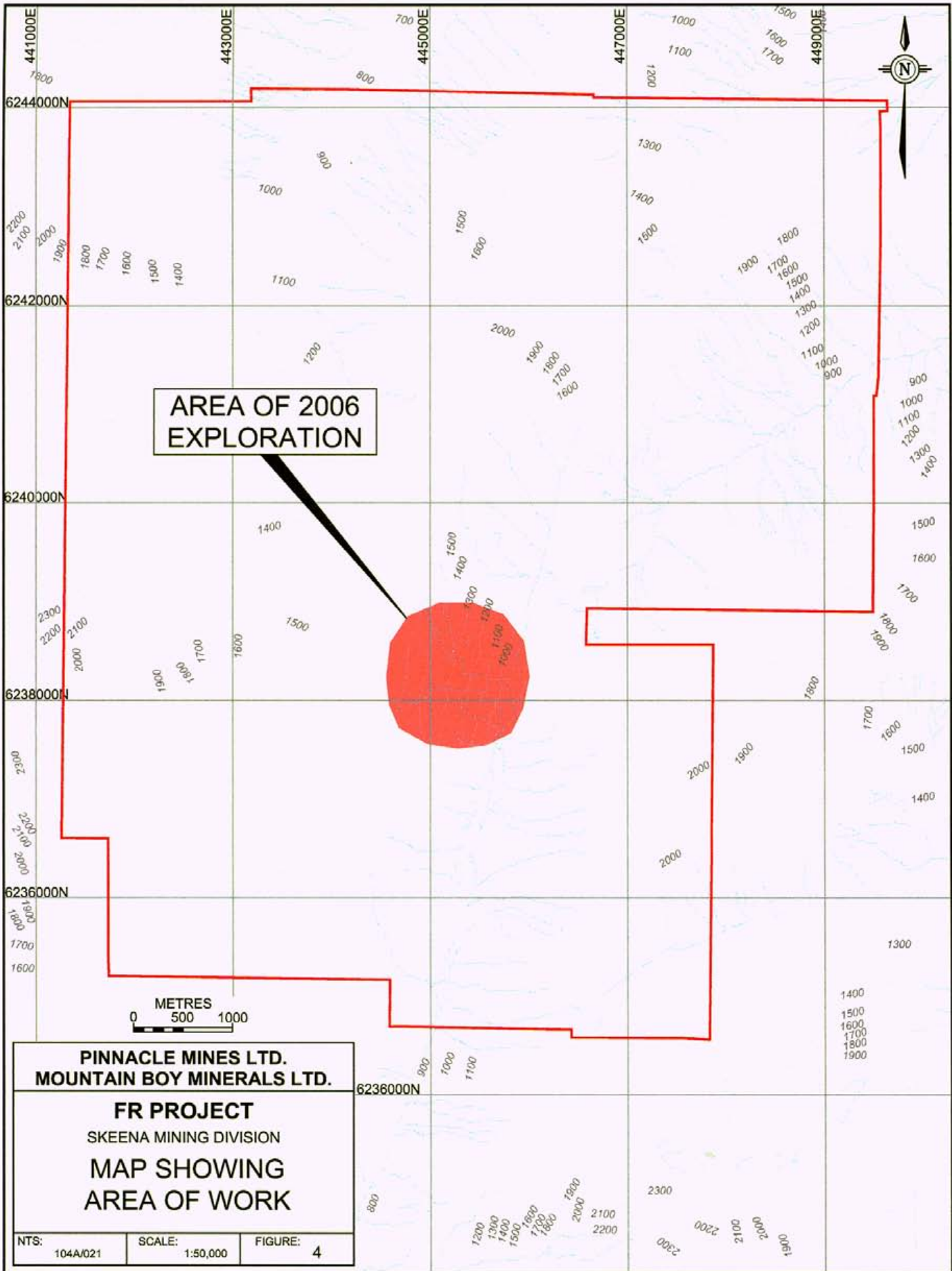
LEGEND

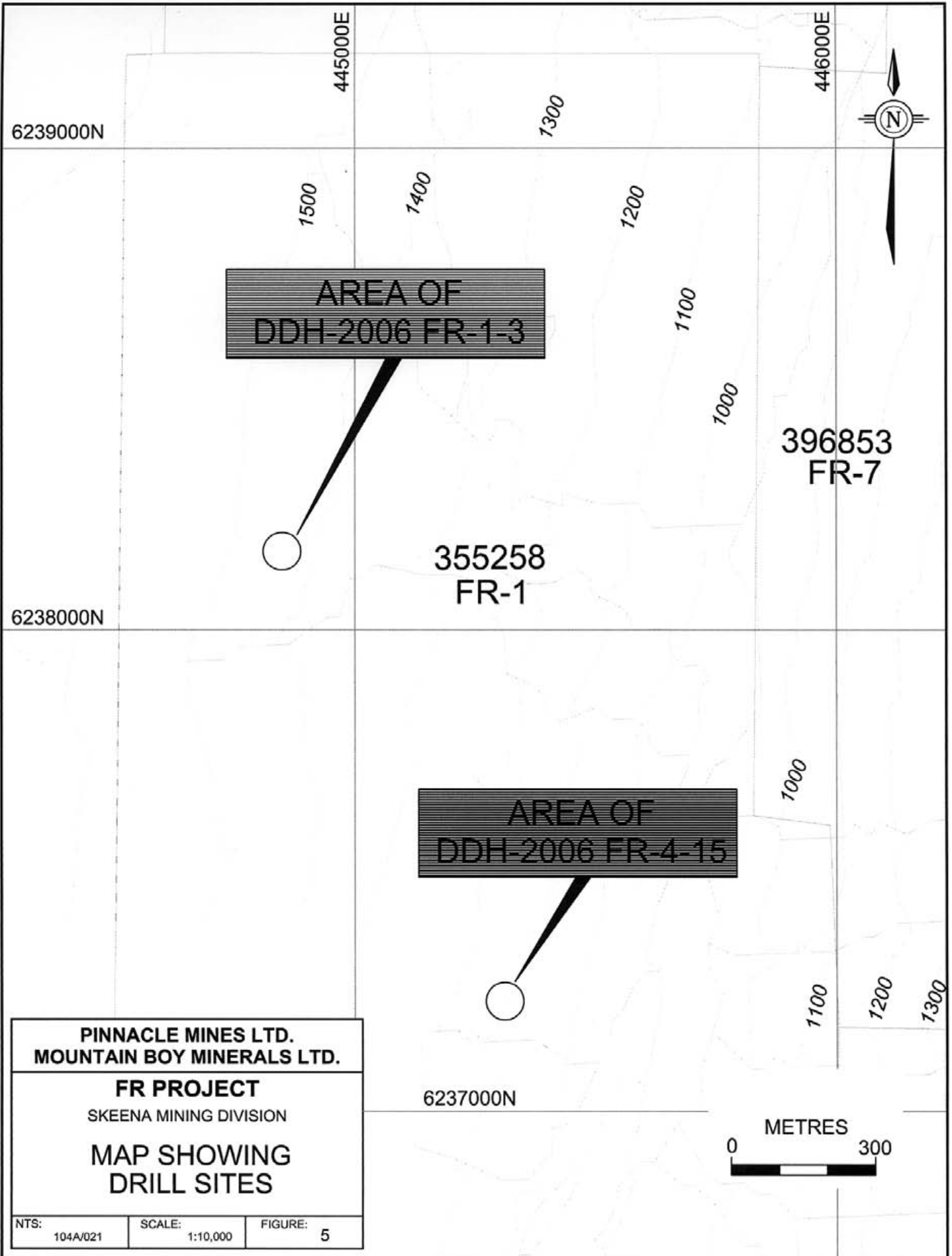
SEDIMENTARY AND VOLCANIC ROCKS

- QUATERNARY**
- RECENT
- 20 UNCONSOLIDATED DEPOSITS: RIVER FLOODPLAIN, ESTUARINE, RIVER CHANNEL AND TERRACES, ALLUVIAL FANS, DELTAS AND BEACHES, OUTWASH, GLACIAL LAKE SEDIMENTS, TILL, PEAT, LANDSLIDES, VOLCANIC ASH, HOTSPRING DEPOSITS
 - 19 BASALT FLOWS (a), CINDERS, ASH (b)
- PLEISTOCENE AND RECENT
- 18 BASALT FLOWS
- JURASSIC**
- HAZELTON GROUP
- UPPER JURASSIC
- NAIS FORMATION
- 17 SILTSTONE, GREYWACKE, SANDSTONE, SOME CALCARENITE, ARGILLITE, CONGLOMERATE, MINOR LIMESTONE, MINOR COAL (INCLUDING EQUIVALENT SHALE, PHYLLITE, AND SCIST)
- MIDDLE JURASSIC
- SALMON RIVER FORMATION
- 16 SILTSTONE, GREYWACKE, SANDSTONE, SOME CALCARENITE, MINOR LIMESTONE, ARGILLITE, CONGLOMERATE, LITTORAL DEPOSITS
 - 15 RHYOLITE, RHYOLITE BRECCIA, CRYSTAL AND LITHIC TUFF
- BETTY CREEK FORMATION
- 14 FILLW LAVA, BROKEN FILLW BRECCIA (a); ANDESITIC AND BASALTIC FLOWS (b)
- LOWER JURASSIC
- UNUK RIVER FORMATION
- 12 GREEN, RED, PURPLE, AND BLACK VOLCANIC BRECCIA, CONGLOMERATE, SANDSTONE, AND SILTSTONE (a); CRYSTAL AND LITHIC TUFF (b); SANDSTONE (c); CONGLOMERATE (d); LIMESTONE (e); CHERT (f); MINOR COAL (g)
 - 11 FILLW LAVA (a); VOLCANIC FLOWS (b)
- UPPER TRIASSIC
- TAKLA GROUP (7)
- 10 SILTSTONE, SANDSTONE, CONGLOMERATE (a); VOLCANIC SILTSTONE, SANDSTONE, CONGLOMERATE (b); AND SOME BRECCIA (c); CRYSTAL AND LITHIC TUFF (d); LIMESTONE (e)
- PLUTONIC ROCKS**
- OLIGOCENE AND YOUNGER**
- 9 DYKES AND SILLS (a); DIORITE (a); QUARTZ DIORITE (b); GRANODIORITE (c); BASALT (d)
- Eocene (Stocks, etc.) and Older
- 8 QUARTZ DIORITE (a); GRANODIORITE (b); MONZONITE (c); QUARTZ MONZONITE (d); AUGITE DIORITE (e); FELDSPAR PORPHYRY (f)
- COAST PLUTONIC COMPLEX
- 7 GRANODIORITE (a); QUARTZ DIORITE (b); QUARTZ MONZONITE (c); SOME GRANITE (d); M-QUARTZITE - ALMA TITE (e)
- JURASSIC**
- MIDDLE JURASSIC AND YOUNGER ?
- 6 GRANODIORITE (a); DIORITE (b); SYENODIORITE (c); MONZONITE (d); ALASKITE (e)
- LOWER JURASSIC AND YOUNGER ?
- 5 DIORITE (a); SYENODIORITE (b); SYENITE (c)
- TRIASSIC**
- UPPER TRIASSIC AND YOUNGER ?
- 4 DIORITE (a); QUARTZ DIORITE (b); GRANODIORITE (c)
- HORNBLende PREDOMINANT
BIOTITE PREDOMINANT

After Grove-Bulletin 63

Figure 3 Map Showing Regional Geology





**AREA OF
DDH-2006 FR-1-3**



**355258
FR-1**

**396853
FR-7**

**AREA OF
DDH-2006 FR-4-15**



6237000N

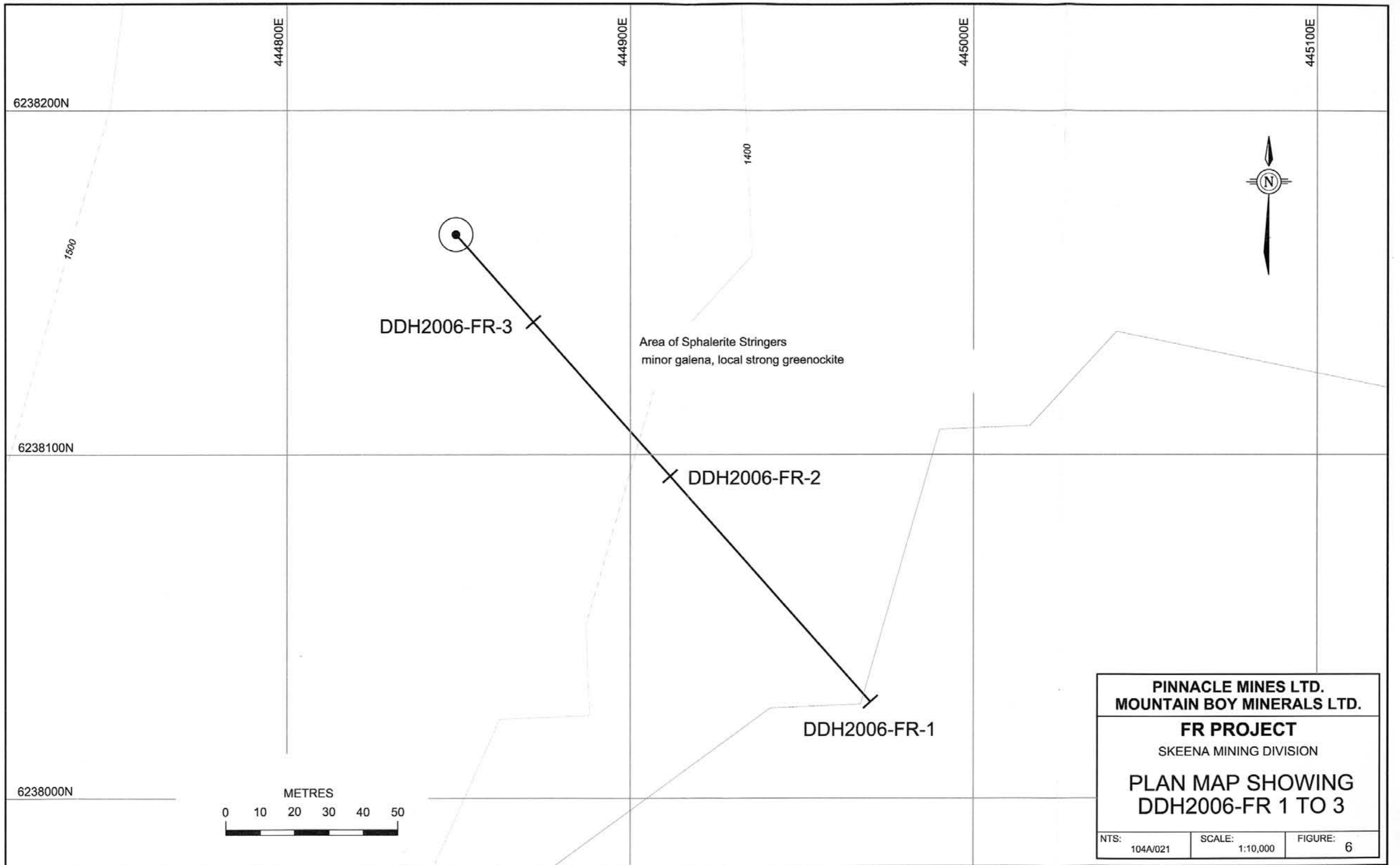
**PINNACLE MINES LTD.
MOUNTAIN BOY MINERALS LTD.**

FR PROJECT
SKEENA MINING DIVISION

**MAP SHOWING
DRILL SITES**

NTS: 104A/021	SCALE: 1:10,000	FIGURE: 5
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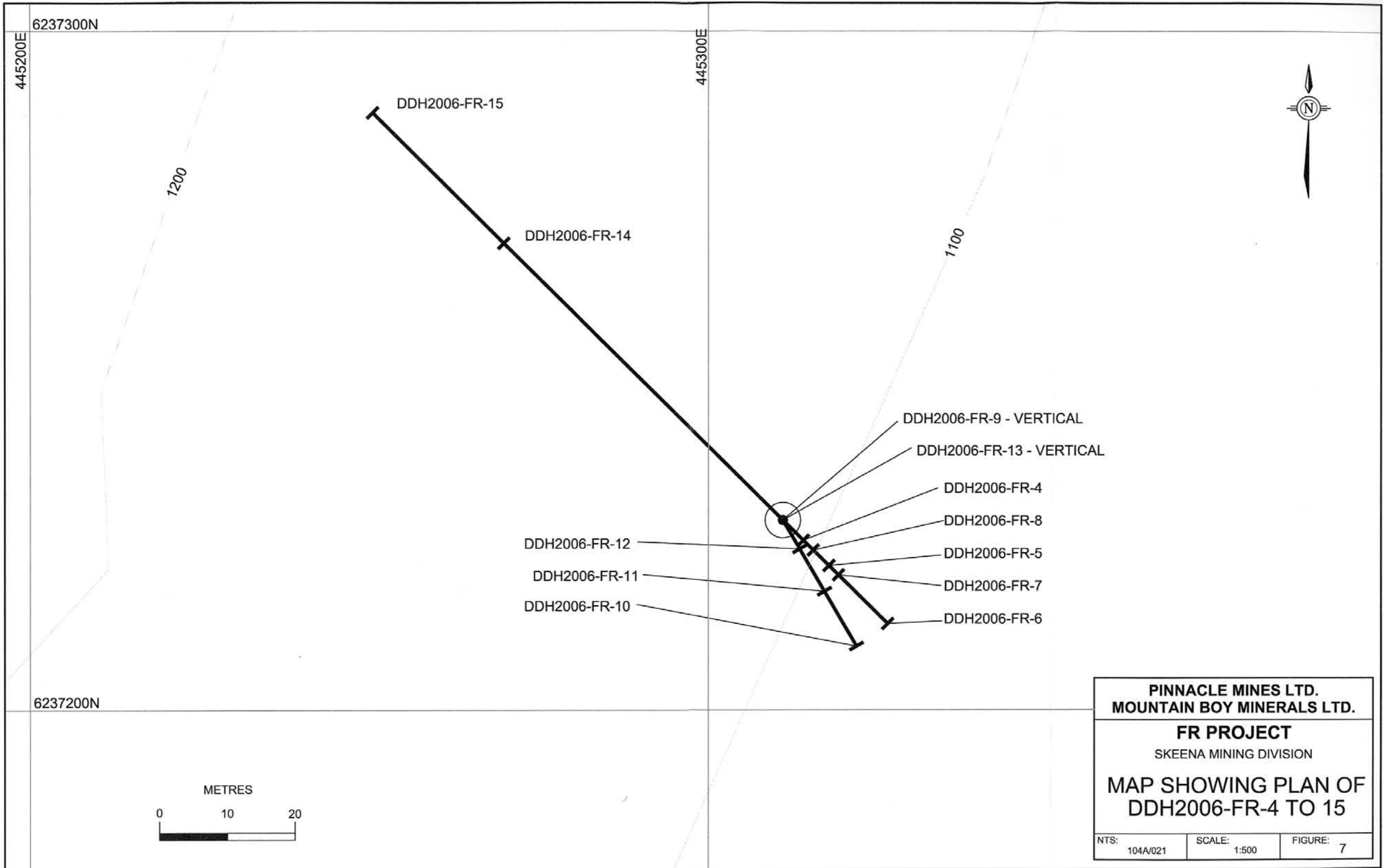
DDH2006-FR-3

Area of Sphalerite Stringers
minor galena, local strong greenockite

DDH2006-FR-2

DDH2006-FR-1

PINNACLE MINES LTD. MOUNTAIN BOY MINERALS LTD.		
FR PROJECT		
SKEENA MINING DIVISION		
PLAN MAP SHOWING DDH2006-FR 1 TO 3		
NTS: 104A/021	SCALE: 1:10,000	FIGURE: 6



PINNACLE MINES LTD. MOUNTAIN BOY MINERALS LTD.		
FR PROJECT		
SKEENA MINING DIVISION		
MAP SHOWING PLAN OF DDH2006-FR-4 TO 15		
NTS: 104A/021	SCALE: 1:500	FIGURE: 7

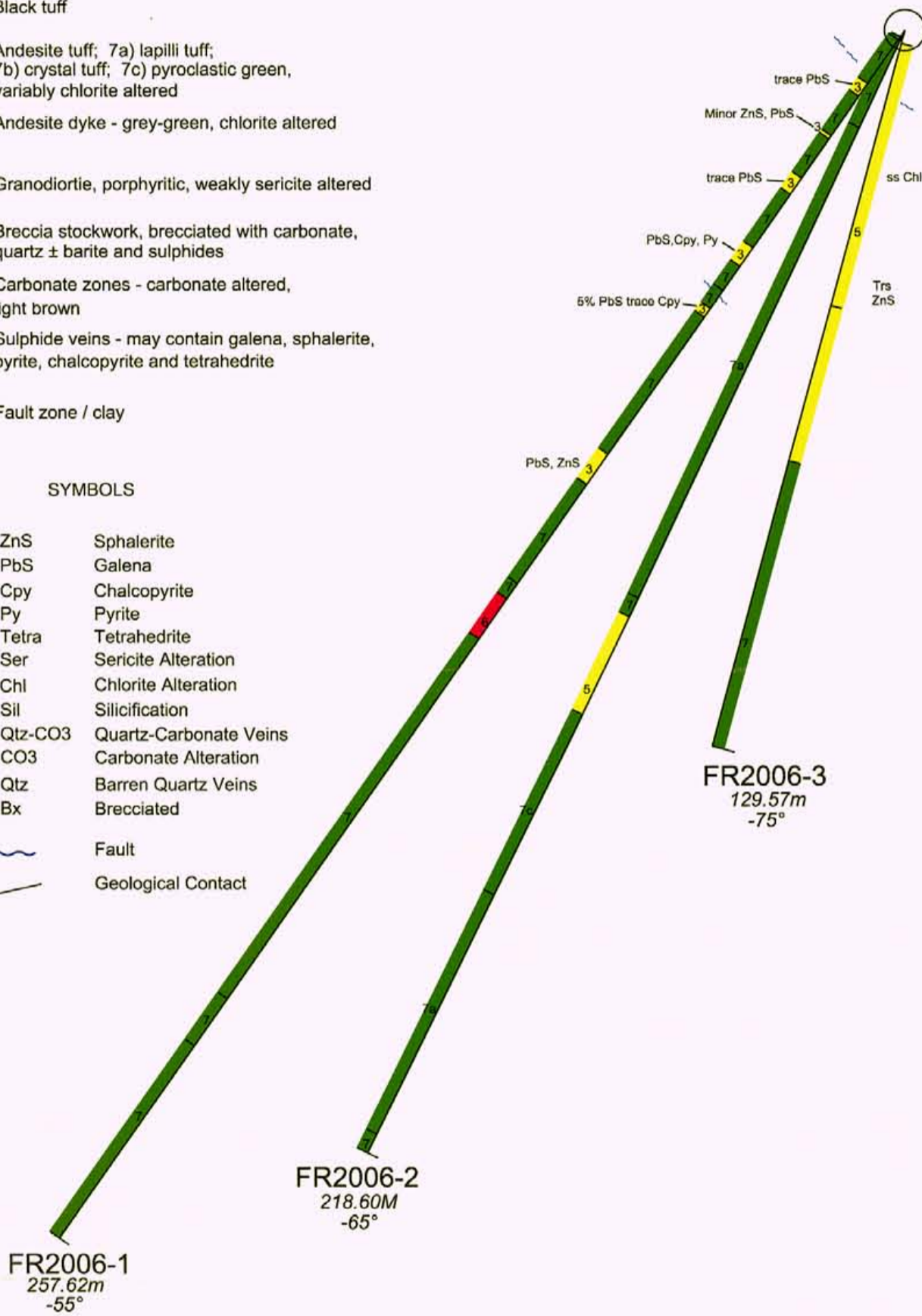
LEGEND

- 10 Argillite - black thinly bedded
- 9 Argillite / volcanic sandstone interbedded argillite and black sandstone
- 8 Black tuff
- 7 Andesite tuff; 7a) lapilli tuff; 7b) crystal tuff; 7c) pyroclastic green, variably chlorite altered
- 6 Andesite dyke - grey-green, chlorite altered
- 5 Granodiorite, porphyritic, weakly sericite altered
- 4 Breccia stockwork, brecciated with carbonate, quartz ± barite and sulphides
- 3 Carbonate zones - carbonate altered, light brown
- 2 Sulphide veins - may contain galena, sphalerite, pyrite, chalcopyrite and tetrahedrite
- 1 Fault zone / clay

SYMBOLS

- | | |
|---------|------------------------|
| ZnS | Sphalerite |
| PbS | Galena |
| Cpy | Chalcopyrite |
| Py | Pyrite |
| Tetra | Tetrahedrite |
| Ser | Sericite Alteration |
| Chl | Chlorite Alteration |
| Sil | Silicification |
| Qtz-CO3 | Quartz-Carbonate Veins |
| CO3 | Carbonate Alteration |
| Qtz | Barren Quartz Veins |
| Bx | Brecciated |
| | Fault |
| | Geological Contact |

FR DRILLHOLES 1,2,3
Azimuth 135°
location: 444849E, 6238164N



PINNACLE MINES LTD. MOUNTAIN BOY MINERALS LTD.		
FR PROJECT		
SKEENA MINING DIVISION		
GEOLOGICAL SECTION		
SHOWING DDH-FR2006-1-2-3		
NTS: 104A/021	SCALE: 1:1000	FIGURE: 8

FR DRILLHOLES 4,5,6,7,8

Azimuth 125°
location: 445311E, 6237228N

FR DRILLHOLES 14,15

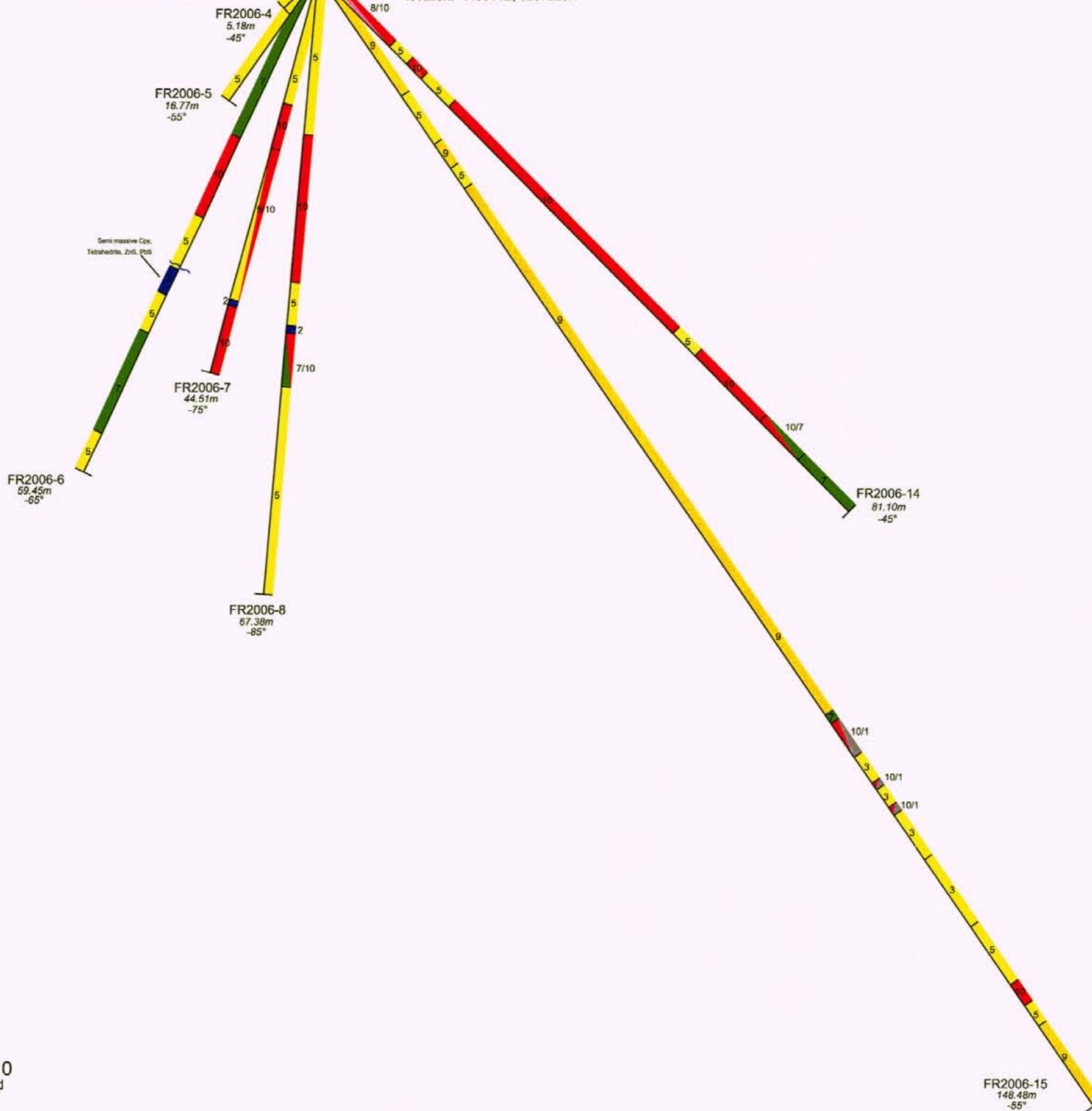
Azimuth 305°
location: 445311E, 6237228N

LEGEND

- 10 Argillite - black thinly bedded
- 9 Argillite / volcanic sandstone interbedded argillite and black sandstone
- 8 Black tuff
- 7 Andesite tuff; 7a) lapilli tuff; 7b) crystal tuff; 7c) pyroclastic green, variably chlorite altered
- 6 Andesite dyke - grey-green, chlorite altered
- 5 Granodiorite, porphyritic, weakly sericite altered
- 4 Breccia stockwork, brecciated with carbonate, quartz ± barite and sulphides
- 3 Carbonate zones - carbonate altered, light brown
- 2 Sulphide veins - may contain galena, sphalerite, pyrite, chalcopyrite and tetrahedrite
- 1 Fault zone / clay

SYMBOLS

- | | |
|---------|------------------------|
| ZnS | Sphalerite |
| PbS | Galena |
| Cpy | Chalcopyrite |
| Py | Pyrite |
| Tetra | Tetrahedrite |
| Ser | Sericite Alteration |
| Chl | Chlorite Alteration |
| Sil | Silicification |
| Qtz-CO3 | Quartz-Carbonate Veins |
| CO3 | Carbonate Alteration |
| Qtz | Barren Quartz Veins |
| Bx | Brecciated |
| | Fault |
| | Geological Contact |



PINNACLE MINES LTD.
MOUNTAIN BOY MINERALS LTD.

FR PROJECT

SKEENA MINING DIVISION

GEOLOGICAL SECTION
SHOWING DDH-FR2006-4-5-6-7-8
AND DDH-FR2006-14 AND 15

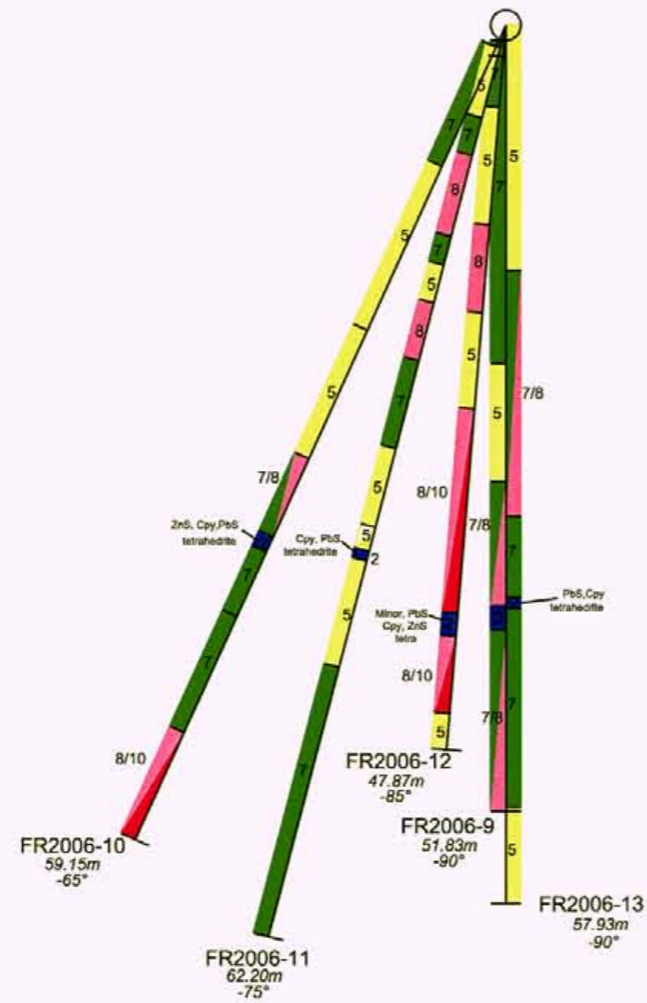


NTS:	SCALE:	FIGURE:
104A/021	1 : 500	9

FR DRILLHOLES 9,10,11,12,13

Azimuth 138°

location: 445311E, 6237228N



LEGEND

- 10 Argillite - black thinly bedded
- 9 Argillite / volcanic sandstone interbedded argillite and black sandstone
- 8 Black tuff
- 7 Andesite tuff; 7a) lapilli tuff; 7b) crystal tuff; 7c) pyroclastic green, variably chlorite altered
- 6 Andesite dyke - grey-green, chlorite altered
- 5 Granodiorite, porphyritic, weakly sericite altered
- 4 Breccia stockwork, brecciated with carbonate, quartz ± barite and sulphides
- 3 Carbonate zones - carbonate altered, light brown
- 2 Sulphide veins - may contain galena, sphalerite, pyrite, chalcocopyrite and tetrahedrite
- 1 Fault zone / clay

SYMBOLS

- ZnS Sphalerite
- PbS Galena
- Cpy Chalcocopyrite
- Py Pyrite
- Tetra Tetrahedrite
- Ser Sericite Alteration
- Chl Chlorite Alteration
- Sil Silicification
- Qtz-CO3 Quartz-Carbonate Veins
- CO3 Carbonate Alteration
- Qtz Barren Quartz Veins
- Bx Brecciated
- ~ Fault
- Geological Contact

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FR PROJECT
SKEENA MINING DIVISION
GEOLOGICAL SECTION
SHOWING DDH
FR2006-9-10-11-12-13



NTS: 104A/021 SCALE: 1 : 500 FIGURE: 10

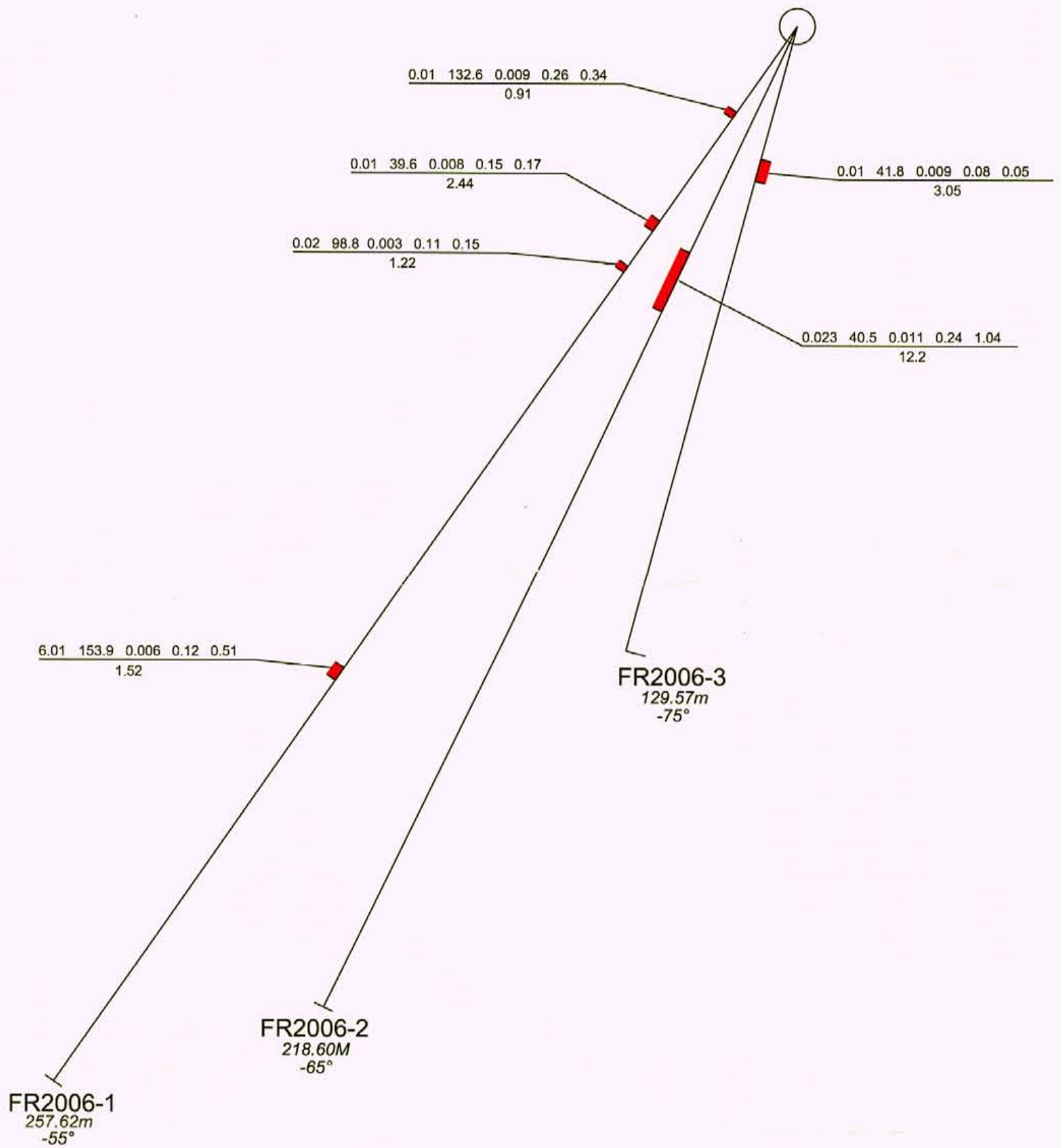
LEGEND

DDH2006-FR-1

Interval				
g/tAu	g/tAg	%Cu	%Pb	%Zn
0.019	1412	0.303	0.09	0.44

1.83 width in meters

FR DRILLHOLES 1,2,3
 Azimuth 135°
 location: 444849E, 6238164N



NOTE: Only assays greater than 34 g/t Silver are plotted.



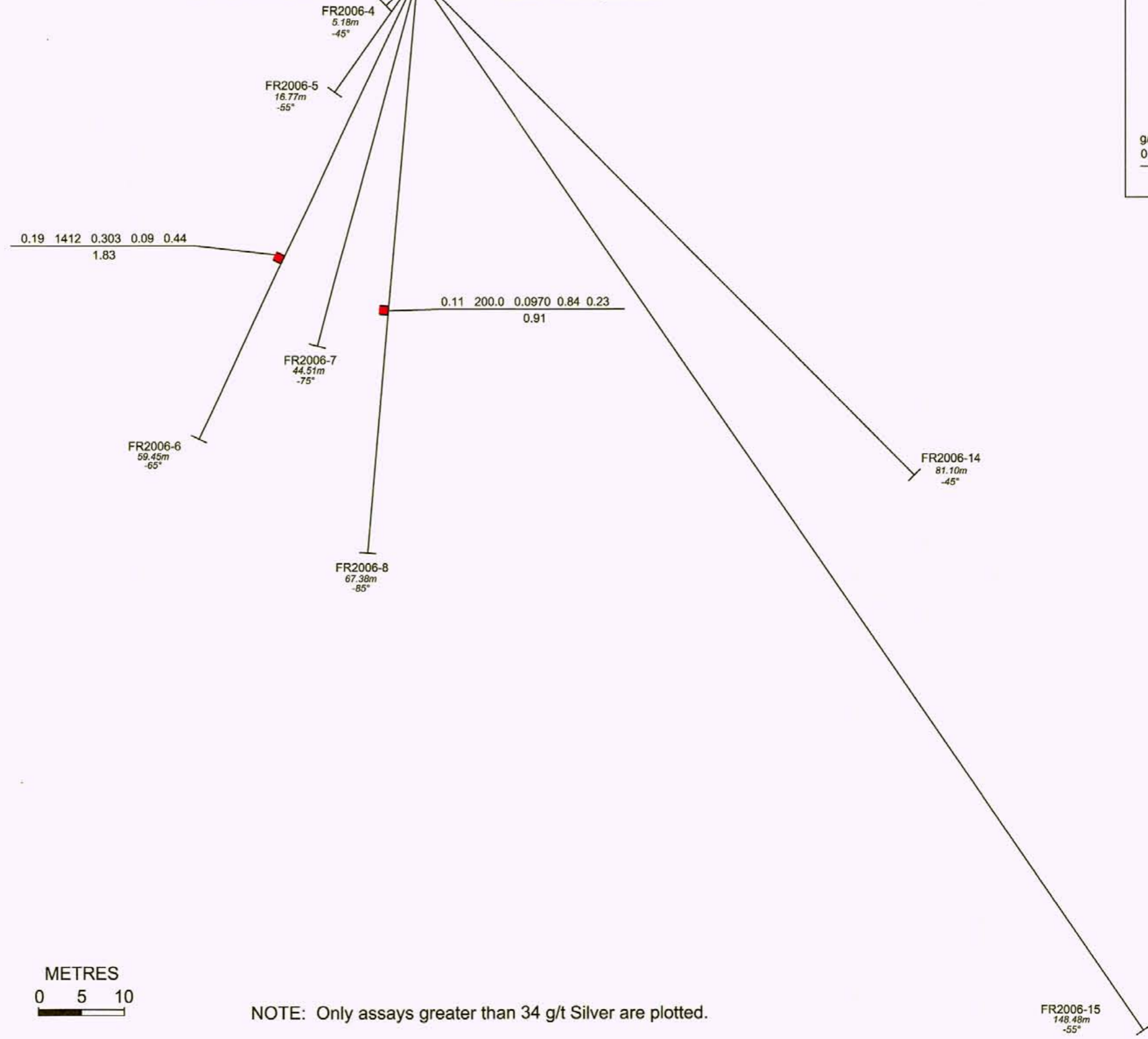
PINNACLE MINES LTD. MOUNTAIN BOY MINERALS LTD.		
FR PROJECT SKEENA MINING DIVISION		
GEOLOGICAL SECTION		
SHOWING DDH-FR2006-1-2-3		
NTS: 104A/021	SCALE: 1 : 1000	FIGURE: 11

FR DRILLHOLES 4,5,6,7,8

Azimuth 125°
location: 445311E, 6237228N

FR DRILLHOLES 14,15

Azimuth 305°
location: 445311E, 6237228N



**PINNACLE MINES LTD.
MOUNTAIN BOY MINERALS LTD.**

FR PROJECT
SKEENA MINING DIVISION

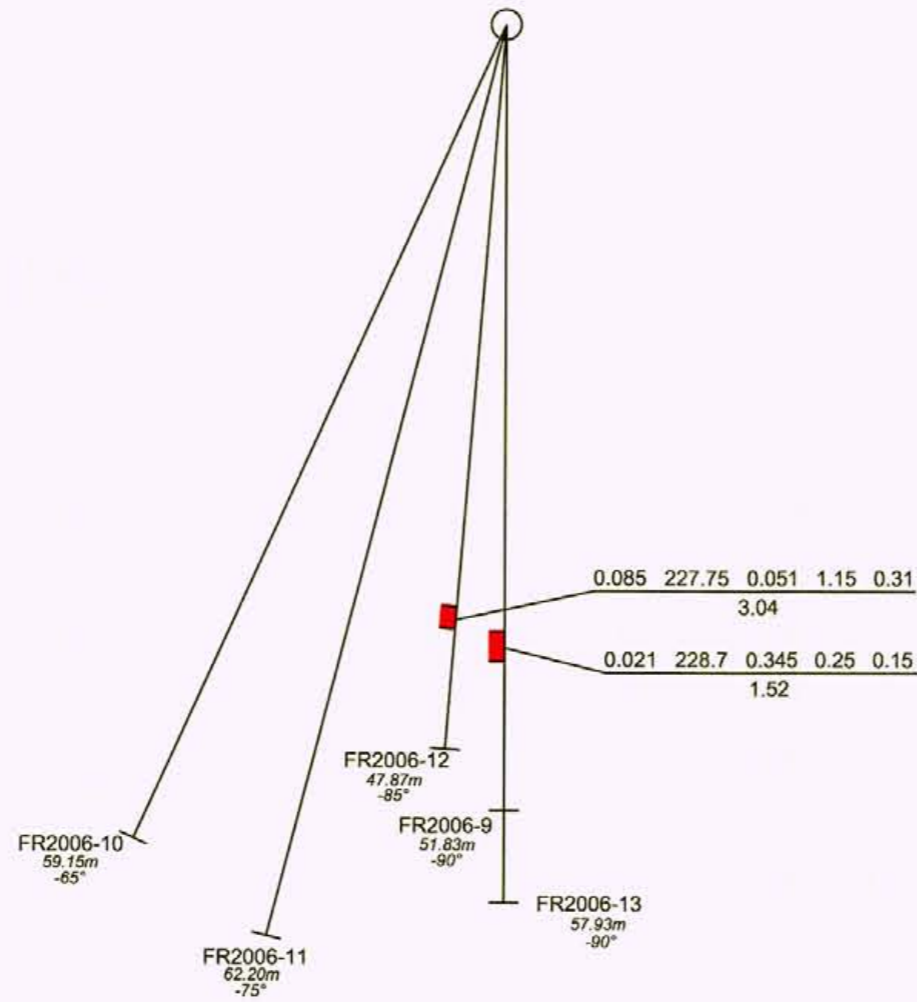
**ASSAY SECTION SHOWING
DDH2006-FR-4 TO 8, 14 & 15**

NTS: 104A/021 SCALE: 1 : 500 FIGURE: 12

FR DRILLHOLES 9,10,11,12,13

Azimuth 138°

location: 445311E, 6237228N



LEGEND

6.01, 153.9, 0.006, 0.12, 0.51
1.52

DDH2006-FR-1

Interval

g/tAu	g/tAg	%Cu	%Pb	%Zn
0.019	1412	0.303	0.09	0.44

1.83 width in meters

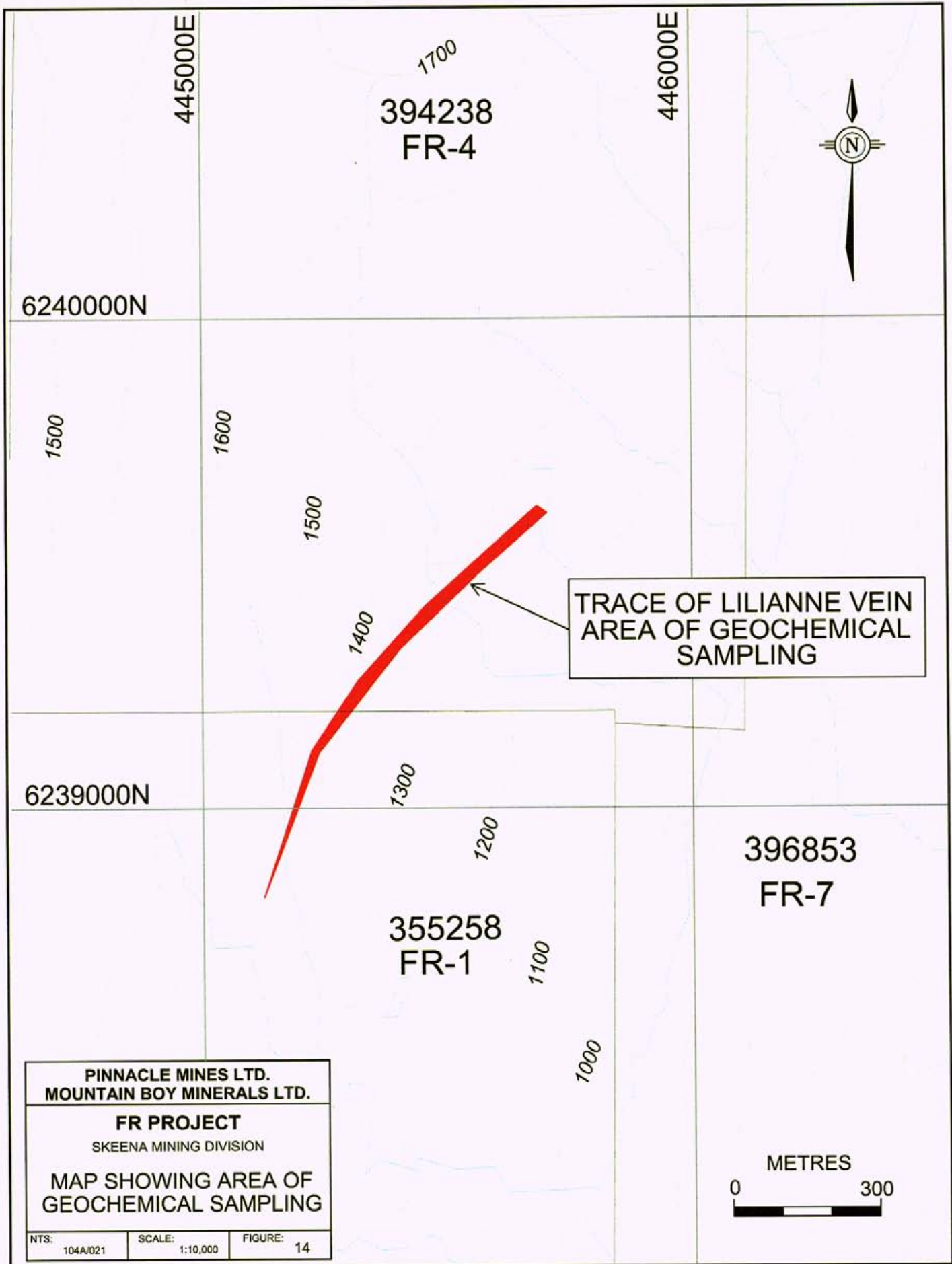
PINNACLE MINES LTD.
MOUNTAIN BOY MINERALS LTD.

FR PROJECT
SKEENA MINING DIVISION
ASSAY SECTION SHOWING
DDH2006-FR-9 TO 13

NOTE: Only assays greater than 34 g/t Silver are plotted.



NTS:	SCALE:	FIGURE:
104A/021	1 : 500	13



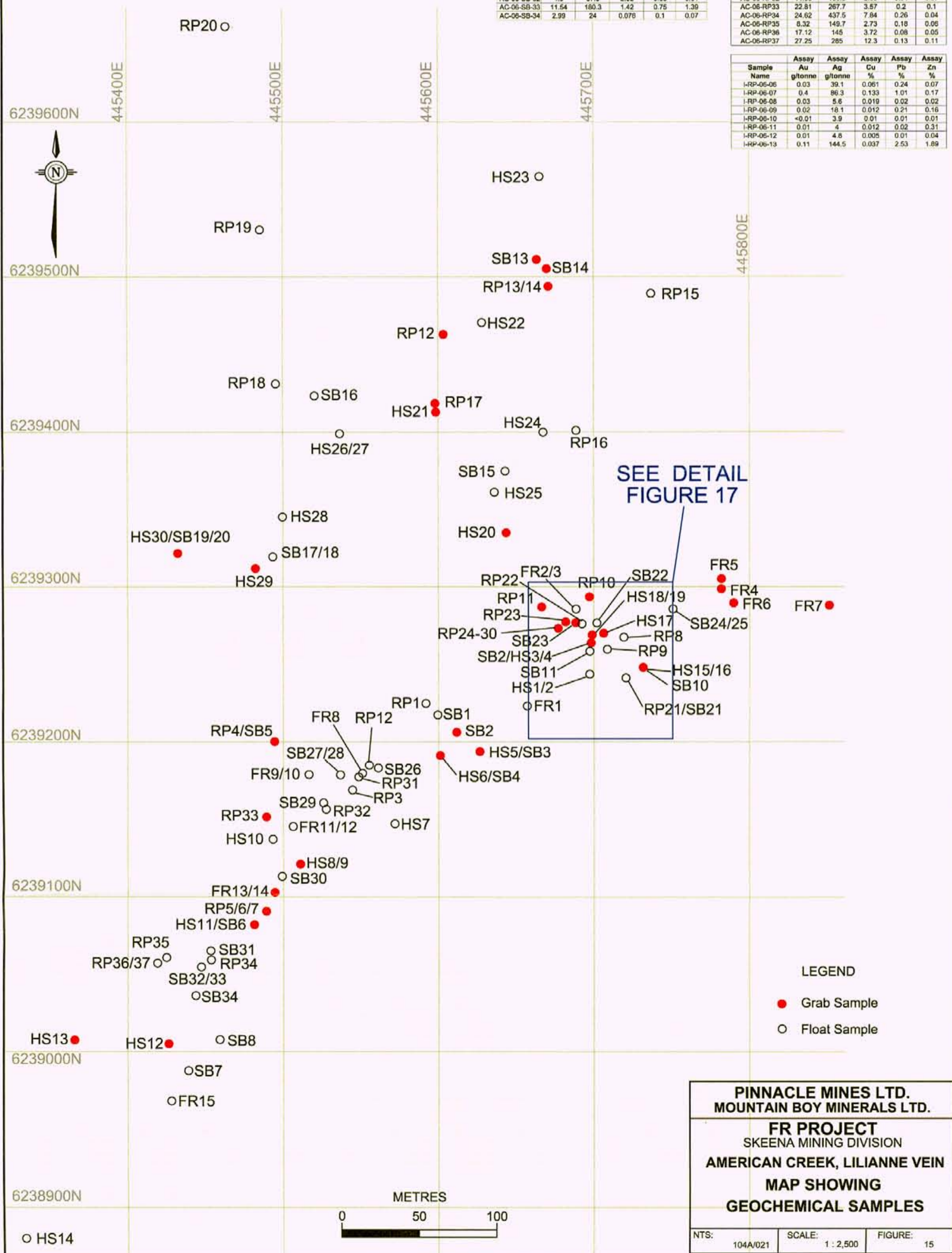
Sample Name	Assay Au g/tonne	Assay Ag g/tonne	Assay Cu %	Assay Pb %	Assay Zn %
FR 1	0.02	0.2	0.003	<0.01	<0.01
FR 2	0.16	0.4	0.004	0.01	<0.01
FR 3	5.44	8.3	0.052	0.5	<0.01
AFR-4	0.01	0.2	0.002	0.01	0.01
AFR-5	0.01	5.5	0.018	0.02	0.02
AFR-6	12.89	119.2	0.147	0.24	0.01
AFR-7	2.76	134.9	0.701	0.08	<0.01
AFR-8	3.27	268.5	0.182	0.12	0.01
AFR-9	236.6	1733	11.24	0.79	0.01
AFR-10	0.18	6.7	0.027	<0.01	0.02
AFR-11	0.41	5.2	0.234	0.01	0.01
AFR-12	0.02	0.3	0.005	0.01	0.01
AFR-13	0.02	0.2	0.004	<0.01	0.01
AFR-14	<0.01	0.2	0.005	0.01	0.01
AFR-15	0.25	2031	0.405	1.42	0.01
AFR-16	0.03	206.7	0.008	3.3	0.02

Sample Name	Assay Au g/tonne	Assay Ag g/tonne	Assay Cu %	Assay Pb %	Assay Zn %
AC-HS-06-01	0.38	1.4	0.008	0.06	0.13
AC-HS-06-02	9.86	129.2	1.31	2.53	0.57
AC-HS-06-03	21.93	364.2	3.48	4.38	2.11
AC-HS-06-04	51.64	219	0.539	0.9	0.27
AC-HS-06-05	0.07	10.8	0.008	0.29	0.3
AC-HS-06-06	21.35	354.2	1.18	0.21	0.03
AC-HS-06-07	20.76	2450	3.29	0.29	0.07
AC-HS-06-08	5.73	124.5	0.168	3.11	0.05
AC-HS-06-09	33.65	139.5	0.713	0.29	0.1
AC-HS-06-10	70.74	1219	2.92	0.53	0.38
AC-HS-06-11	3.29	82	0.258	0.11	0.27
AC-HS-06-12	1.02	129.5	0.152	0.02	0.07
AC-HS-06-13	0.94	41.3	0.257	0.03	0.06
AC-HS-06-14	0.1	2.2	0.007	0.01	<0.01
AC-HS-06-15	0.04	2.4	0.003	0.01	<0.01
AC-HS-06-16	0.32	5.3	0.011	0.02	0.27
AC-HS-06-17	2.15	18.5	0.258	0.03	0.01
AC-HS-06-18	10.56	265.9	1.54	0.17	0.05
AC-HS-06-19	17.18	341.8	2.49	0.09	0.07
AC-HS-06-20	0.04	4.5	0.022	0.02	0.02
AC-HS-06-21	5.33	6.3	0.048	0.24	0.53
AC-HS-06-22	0.33	1.3	0.004	0.01	0.02
AC-HS-06-23	0.05	2.1	0.021	0.01	0.01
AC-HS-06-24	10.14	11.5	0.096	0.98	0.84
AC-HS-06-25	0.45	3.8	0.002	0.01	0.04
AC-HS-06-26	1.04	1.7	0.004	0.02	<0.01
AC-HS-06-27	10.34	13	0.12	1.09	3.83
AC-HS-06-28	1.77	5.3	0.016	0.31	0.51
AC-HS-06-29	0.02	0.7	0.002	<0.01	<0.01
AC-HS-06-30	0.12	8.8	0.142	<0.01	<0.01

Sample Name	Assay Au g/tonne	Assay Ag g/tonne	Assay Cu %	Assay Pb %	Assay Zn %
AC-SB-06-01	0.44	1.6	0.01	0.01	0.03
AC-SB-06-02	6.79	3.5	0.009	0.01	0.07
AC-SB-06-03	6.4	193.9	1.31	0.27	0.05
AC-SB-06-04	16.98	1084	1.38	0.36	0.09
AC-SB-06-05	13.51	107.3	1.19	0.13	0.06
AC-SB-06-06	10.81	222.6	1.43	0.2	0.21
AC-SB-06-07	3.77	10.4	0.117	0.01	0.12
AC-SB-06-08	52	5.47	0.14	0.22	
AC-SB-06-09	0.65	11.2	0.096	0.01	0.02
AC-SB-06-10	63.3	436.2	1.44	0.26	0.05
AC-SB-06-11	1.55	17.9	0.061	0.05	0.02
AC-SB-06-12	3.9	85.2	1.88	0.41	1.17
AC-SB-06-13	0.02	1	0.007	0.01	0.01
AC-SB-06-14	0.12	0.2	0.018	0.01	0.05
AC-SB-06-15	0.01	1.9	0.011	0.07	0.3
AC-SB-06-16	0.03	0.2	0.002	<0.01	0.01
AC-SB-06-17	0.01	0.1	0.001	0.01	0.01
AC-SB-06-18	0.03	0.1	0.001	0.01	<0.01
AC-SB-06-19	1.79	8.9	0.13	0.01	0.01
AC-SB-06-20	0.37	4.1	0.046	0.01	<0.01
AC-SB-06-21	10.84	38.2	0.075	0.05	0.05
AC-SB-06-22	1.52	14.1	0.063	0.04	0.07
AC-SB-06-23	1.63	93.7	0.148	1.12	0.94
AC-SB-06-24	0.04	4.8	0.011	0.04	0.13
AC-SB-06-25	0.15	5.3	0.008	0.02	0.02
AC-SB-06-26	17.37	397.7	1.44	0.07	0.17
AC-SB-06-27	23.26	91.1	0.151	0.31	0.09
AC-SB-06-28	12.05	276.5	2.29	0.15	0.03
AC-SB-06-29	36.06	326	0.42	1.1	0.28
AC-SB-06-30	7.95	101.9	0.614	0.05	0.26
AC-SB-06-31	8.22	74.7	1.69	0.07	0.02
AC-SB-06-32	4.9	67.5	2.02	0.03	0.01
AC-SB-06-33	11.54	180.3	1.42	0.75	1.39
AC-SB-06-34	2.99	24	0.076	0.1	0.07

Sample Name	Assay Au g/tonne	Assay Ag g/tonne	Assay Cu %	Assay Pb %	Assay Zn %
AC-06-RP-01	2.27	86.9	1.25	0.02	0.03
AC-06-RP-02	8.48	139.6	0.686	0.11	0.05
AC-06-RP-03	15.75	153.4	1.75	0.1	0.08
AC-06-RP-04	0.07	1.5	0.011	0.02	0.09
AC-06-RP-05	0.11	8.6	0.008	0.19	3.66
AC-06-RP-06	0.12	4.5	0.004	0.12	0.23
AC-06-RP-07	0.04	1.2	0.005	0.02	0.31
AC-06-RP-08	0.13	281.1	0.081	0.47	1.94
AC-06-RP-09	0.03	1.5	0.003	0.04	0.12
AC-06-RP-10	13.53	84.9	1.54	0.2	0.33
AC-06-RP-11	0.04	0.1	0.007	0.01	0.01
AC-06-RP-12	0.08	0.1	0.004	0.01	0.03
AC-06-RP-13	0.2	0.3	0.003	0.01	0.01
AC-06-RP-14	0.03	1.9	0.001	0.01	0.01
AC-06-RP-15	0.01	0.5	0.001	0.01	0.01
AC-06-RP-16	0.08	64.6	0.005	0.89	5.6
AC-06-RP-17	12.35	11.2	0.054	0.5	0.78
AC-06-RP-18	0.41	2.3	0.001	0.02	0.05
AC-06-RP-19	3.84	98	0.386	0.1	0.21
AC-06-RP-20	7.55	11.4	0.804	0.01	3.28
AC-06-RP-21	0.09	34.3	0.055	0.22	1.21
AC-06-RP-22	0.72	8108	7.99	0.04	0.72
AC-06-RP-23	10.75	197.4	2.65	0.24	0.25
AC-06-RP-24	0.84	908	0.366	0.52	1.93
AC-06-RP-25	5.95	376.8	0.235	5.95	14.7
AC-06-RP-26	1.49	114.2	0.323	0.09	9.3
AC-06-RP-27	0.92	76	0.245	0.87	6.9
AC-06-RP-28	6.79	479.5	0.294	4.82	25.3
AC-06-RP-29	9.16	699.4	0.568	15.7	13.4
AC-06-RP-30	5.73	277.4	1.17	0.28	0.36
AC-06-RP-31	21	261.5	4.19	0.42	0.35
AC-06-RP-32	11.85	160.9	2.05	0.04	0.07
AC-06-RP-33	22.81	267.7	3.57	0.2	0.1
AC-06-RP-34	24.62	437.5	7.84	0.26	0.04
AC-06-RP-35	8.32	149.7	2.73	0.18	0.05
AC-06-RP-36	17.12	145	3.72	0.08	0.05
AC-06-RP-37	27.25	285	12.3	0.13	0.11

Sample Name	Assay Au g/tonne	Assay Ag g/tonne	Assay Cu %	Assay Pb %	Assay Zn %
I-RP-06-06	0.03	39.1	0.061	0.24	0.07
I-RP-06-07	0.4	86.3	0.133	1.01	0.17
I-RP-06-08	0.03	5.6	0.019	0.02	0.02
I-RP-06-09	0.02	18.1	0.012	0.21	0.16
I-RP-06-10	<0.01	3.9	0.01	0.01	0.01
I-RP-06-11	0.01	4	0.012	0.02	0.31
I-RP-06-12	0.01	4.8	0.005	0.01	0.04
I-RP-06-13	0.11	144.5	0.037	2.53	1.89



**PINNACLE MINES LTD.
MOUNTAIN BOY MINERALS LTD.**

FR PROJECT
SKEENA MINING DIVISION
AMERICAN CREEK, LILIANNE VEIN
MAP SHOWING
GEOCHEMICAL SAMPLES

NTS:	SCALE:	FIGURE:
104A/021	1 : 2,500	15



Sample Name	Assay Au g/tonne	Assay Ag g/tonne	Assay Cu %	Assay Pb %	Assay Zn %
FR 1	0.02	0.2	0.003	<0.01	<0.01
FR 2	0.16	0.4	0.004	0.01	<0.01
FR 3	5.44	8.3	0.052	0.5	<0.01

Sample Name	Assay Au g/tonne	Assay Ag g/tonne	Assay Cu %	Assay Pb %	Assay Zn %
FR-06-1	51.64	709.8	5.72	0.54	0.12
FR-06-2	15.27	3505	3.61	1.26	2.39
FR-06-3	0.71	37.6	0.191	0.03	0.44

Sample Name	Assay Au g/tonne	Assay Ag g/tonne	Assay Cu %	Assay Pb %	Assay Zn %
AC-HS-06-01	0.38	1.4	0.008	0.06	0.13
AC-HS-06-02	9.86	129.2	1.31	2.53	0.57
AC-HS-06-03	21.93	364.2	3.48	4.38	2.11
AC-HS-06-04	51.64	219	0.539	0.9	0.27
AC-HS-06-15	0.04	2.4	0.003	0.01	<0.01
AC-HS-06-16	0.32	5.3	0.011	0.02	0.27
AC-HS-06-17	2.15	18.5	0.256	0.03	0.01
AC-HS-06-18	10.56	265.9	1.54	0.17	0.05
AC-HS-06-19	17.16	341.8	2.49	0.09	0.07

Sample Name	Assay Au g/tonne	Assay Ag g/tonne	Assay Cu %	Assay Pb %	Assay Zn %
AC-SB-06-02	6.79	3.5	0.009	0.01	0.07
AC-SB-06-03	6.4	193.9	1.31	0.27	0.05
AC-SB-06-10	63.3	436.2	1.44	0.26	0.05
AC-SB-06-11	1.55	17.9	0.061	0.05	0.02
AC-06-SB-21	10.84	38.2	0.075	0.05	0.05
AC-06-SB-22	1.52	14.1	0.063	0.04	0.07
AC-06-SB-23	1.63	93.7	0.148	1.12	0.94
AC-06-SB-24	0.04	4.8	0.011	0.04	0.13
AC-06-SB-25	0.15	5.3	0.008	0.02	0.02

Sample Name	Assay Au g/tonne	Assay Ag g/tonne	Assay Cu %	Assay Pb %	Assay Zn %
AC-06-RP-01	2.27	86.9	1.25	0.02	0.03
AC-06-RP-08	0.13	281.1	0.081	0.47	1.94
AC-06-RP-09	0.03	1.5	0.003	0.04	0.12
AC-06-RP-10	13.53	84.9	1.54	0.2	0.33
AC-06-RP-11	0.04	0.1	0.007	0.01	0.01
AC-06-RP21	0.09	34.3	0.055	0.22	1.21
AC-06-RP22	0.72	8108	7.99	0.04	0.72
AC-06-RP23	10.75	197.4	2.65	0.24	0.25
AC-06-RP24	0.84	908	0.366	0.52	1.93
AC-06-RP25	5.95	376.6	0.235	5.95	14.7
AC-06-RP26	1.49	114.2	0.323	0.09	9.3
AC-06-RP27	0.92	76	0.245	0.87	6.9
AC-06-RP28	6.79	479.5	0.294	4.82	25.3
AC-06-RP29	9.16	699.4	0.566	15.7	13.4
AC-06-RP30	5.73	277.4	1.17	0.28	0.36

Sample Name	Assay Au g/tonne	Assay Ag g/tonne	Assay Cu %	Assay Pb %	Assay Zn %
I-RP-06-08	0.03	5.6	0.019	0.02	0.02
I-RP-06-09	0.02	18.1	0.012	0.21	0.16
I-RP-06-10	<0.01	3.9	0.01	0.01	0.01
I-RP-06-11	0.01	4	0.012	0.02	0.31



LEGEND
 ● Grab Sample
 ○ Float Sample

**PINNACLE MINES LTD.
 MOUNTAIN BOY MINERALS LTD.**

FR PROJECT
 SKEENA MINING DIVISION
AMERICAN CREEK, LILIANNE VEIN
DETAILED MAP SHOWING
GEOCHEMICAL SAMPLING

NTS: 104A/021 SCALE: 1 : 500 FIGURE: 16

APPENDIX I

LABORATORY METHODS AND SPECIFICATIONS FOR SAMPLE ANALYSIS

**Procedure Summary:**

Gold (Au) Assay Analysis

Element(s) Analyzed:

Gold (Au)

Procedure:

The samples are fluxed, silver is added and mixed. The assays are fused in batches of 24 assays along with a natural standard and a blank. This batch of 26 assays is carried through the whole procedure as a set. After cupellation the precious metal beads are transferred into new glassware, dissolved with aqua regia solution, diluted to volume and mixed.

These resulting solutions are analyzed on an atomic absorption spectrometer using a suitable standard set. The natural standard fused along with this set must be within 2 standard deviations of its known or the whole set is re-assayed.

A minimum of 10% of all assays are rechecked, then reported in grams per metric ton (g/tonne).

Detection Limit: 0.01 g/tonne



8282 Sherbrooke Street,
Vancouver, B.C.
Canada V5X 4R6
Tel: 604 327-3436
Fax: 604 327-3423

Procedure Summary:

Base Metal Assay

Element(s) Analyzed:

Copper, Lead, Silver, Zinc (Cu, Pb, Ag, Zn)

Procedure:

A 1.000 gram sub-sample is weighed from the pulp bag for analysis. Each batch of 30 assays has, three duplicates, two natural standards and a reagent blank included. The samples are digested with HNO₃, HBr, and HCl. After digestion is complete, extra HCl is added to the flask to bring the concentration of HCl to 25% in solution. This is to prevent precipitation of lead and silver chloride.

The resulting solutions are analyzed on an atomic absorption spectrometer (AAS), using appropriate calibration standard sets.

The natural standard(s) digested along with this set must be within 2 standard deviations of the known or the whole set is re-assayed. If any of the samples assay over the concentration range of the calibration curve, the sample is re-assayed using a smaller sample weight. At least 10% of samples are assayed in duplicate.

Detection limit: 0.1g/tonne for Ag
0.001% for Cu
0.01% for Pb and Zn

APPENDIX II

Drill Hole Logs – DDH –2006 –FR 1 to 15 inclusive

FR DIAMOND DRILL LOGS

DDH # 2006-1		Core Size		Logged by: H. Samson, R. Pelkey, and A. Walus								
Azimuth 135 degrees		Start Aug 11/2006		Total depth 257.62 m								
Dip -55 degrees		Completion Aug 15/2006		Co-ordinate 444849 E 6238164 N								
Reflex Survey			Depth (m)									
			Azimuth (degrees)									
Elevation			Dip (degrees)									
METERAGE		ROCK TYPE	ROCK, ALTERATION, MINERALIZATION	SAMPLE INTERVAL(meters)				ASSAY/GEOCHEM				
FROM	TO		STRUCTURE DESCRIPTION	Sple No.	FROM	TO	Width	Au g/t	Ag g/t	Cu %	Pb %	Zn %
0.00	1.83	Casing/ Overburden										
1.83	11.13	Andesite	Dark green andesite, 3-5% quartz-carbonate stringers.	004644	1.83	5.18	3.35	<0.01	0.4	0.001	<0.01	0.01
		Tuff	1% disseminated jasper, intervals of moderate sausseritization.	4645	5.18	8.23	3.05	<0.01	0.1	0.001	0.01	0.02
				4646	8.23	11.28	3.05	0.01	0.3	0.001	0.03	0.13
				4647	11.28	13.41	2.13	<0.01	0.2	0.001	<0.01	0.02
			At 7.01 to 7.16 - quartz-carbonate banded jasper replacement vein 5-10 mm thick at 45 degrees to C.A.	4648	13.41	14.33	0.91	0.01	0.1	0.002	0.05	0.07
				4649	14.33	15.55	1.22	<0.01	0.1	0.001	<0.01	0.02
				4650	15.55	17.38	1.83	<0.01	0.2	0.002	<0.01	0.02
11.13	11.89	Fault Zone	Marked by fractured core and fault gouge.	4651	17.38	20.43	3.05	0.01	0.3	0.002	<0.01	0.01
				4652	20.43	24.70	4.27	<0.01	0.9	0.001	0.01	0.02
			At 12.04 - mismatch.	4653	24.70	25.61	0.91	0.01	132.6	0.009	0.26	0.34
				4654	25.61	29.57	3.96	0.01	4	0.003	0.01	0.03
11.89	13.41	Andesite	Same as interval 1.83 to 11.13.	4655	29.57	33.54	3.96	<0.01	6.7	0.003	0.01	0.07
		Tuff		4656	33.54	35.06	1.52	0.01	5.7	0.003	0.01	0.02
				4657	35.06	36.74	1.68	0.01	19	0.006	0.11	0.15
13.41	15.70	Carbonate	Interval of weak carbonate alteration. Banded quartz-carbonate-jasper veins +/- barite (?). 2-3% chlorite, trace galena.	4658	36.74	38.72	1.98	0.01	7.7	0.005	0.03	0.08
		Zone		4659	38.72	41.77	3.05	0.01	7.9	0.002	0.02	0.09
				4660	41.77	44.82	3.05	<0.01	2.1	0.001	0.01	0.02
				4661	44.82	47.87	1.52	0.02	9.2	0.002	0.02	0.05
15.70	24.70	Fragmented	Brecciated tuff, 2-3% quartz-carbonate replacements and stringers.	4662	47.87	49.39	2.13	0.01	11.7	0.004	0.03	0.03
		Andesite		4663	49.39	51.52	2.44	0.01	39.6	0.008	0.15	0.17
		Tuff		4664	51.52	53.96	2.44	0.01	10.6	0.006	0.01	0.08
			At 17.38 to 17.53 - 5 mm thick quartz-carbonate-jasper	4665	53.96	57.01	3.05	0.01	1	0.004	0.01	0.02

			vein.	4666	57.01	60.67	3.66	<0.01	1.7	0.002	<0.01	0.02
				4667	60.67	61.89	1.22	0.02	98.8	0.003	0.11	0.15
24.70	25.61	Carbonate	Weak carbonate alteration, 2-4% jasper, minor	4668	61.89	63.11	1.22	0.01	0.6	0.004	<0.01	0.02
		Zone	sphalerite, and chlorite.	4669	63.11	66.16	3.05	<0.01	3.8	0.003	0.01	0.07
				4670	66.16	69.21	3.05	0.01	0.2	0.002	0.01	0.04
25.61	33.54	Andesite	Dark green andesite, several quartz-carbonate-jasper-	4753	69.21	72.26	3.05	<0.01	0.5	0.001	<0.01	0.01
		Tuff	chlorite (?) stringers. Intervals of disseminated jasper	4754	72.26	75.30	3.05	0.01	0.1	0.001	0.01	0.02
			and/or sausseritization.	4755	75.30	78.35	3.05	<0.01	0.2	0.003	<0.01	0.02
				4756	78.35	81.40	3.05	0.01	0.5	0.004	0.01	0.01
33.54	36.74	Carbonate	Interval of weak to moderate carbonate alteration.	4757	81.40	84.45	3.05	<0.01	0.3	0.002	0.01	0.02
		Zone	Several quartz-carbonate-jasper stringers, minor	4758	84.45	87.50	3.05	0.01	1.1	0.004	<0.01	0.01
			galena.	4759	87.50	90.55	3.05	0.01	0.6	0.002	<0.01	0.02
				4760	90.55	93.90	3.35	0.01	3.2	0.003	0.02	0.02
36.74	47.87	Andesite	Same as interval 1.83 to 11.13 with minor intervals of	4761	93.90	95.43	1.52	0.04	31.1	0.011	0.27	0.28
		Tuff	fragmented tuff and hematite.	4762	95.43	96.95	1.52	0.02	9	0.01	0.2	0.27
				4763	96.95	98.48	1.52	0.06	24.7	0.015	0.35	0.95
47.87	51.52	Carbonate	Same as interval 33.54 to 36.74 with minor galena and	4764	98.48	99.70	1.22	0.01	0.3	0.002	0.01	0.02
		Zone	trace chalcopyrite and pyrite.	4765	99.70	102.74	3.05	<0.01	0.5	0.001	<0.01	0.01
				4766	102.74	105.79	3.05	<0.01	0.7	0.002	<0.01	0.02
51.52	56.10	Andesite	Same as interval 1.83 to 11.13.	4767	105.79	108.84	3.05	<0.01	0.3	0.001	<0.01	0.01
		Tuff		4768	108.84	111.89	3.05	0.01	0.3	0.001	0.01	0.01
				4769	111.89	114.94	3.05	0.01	0.4	0.001	0.01	0.01
56.10	57.62	Fault Zone	Clay gouge and fractured core.	4770	114.94	117.99	3.05	<0.01	0.8	0.005	0.01	0.02
				4771	117.99	121.04	3.05	0.01	0.2	0.001	<0.01	0.01
57.62	60.67	Andesite	Light to dark green andesite, 2-3% quartz-carbonate	4772	121.04	124.09	3.05	0.01	0.1	0.001	<0.01	<0.01
		Tuff	stringers.	4773	124.09	127.13	3.05	0.01	0.1	0.001	<0.01	<0.01
				4774	127.13	130.18	3.05	<0.01	1.1	0.001	0.01	0.01
60.67	62.20	Carbonate	Interval of weak carbonate alteration, 5% galena, trace	4775	130.18	133.23	3.05	0.01	2.4	0.003	<0.01	0.02
		Zone	chalcopyrite.	4776	133.23	136.28	3.05	<0.01	0.6	0.001	<0.01	0.01
				4777	136.28	139.33	3.05	<0.01	0.3	0.002	<0.01	<0.01
62.20	93.90	Fragmented	Same as interval 15.70 to 24.70.	4778	139.33	142.38	3.05	0.01	0.5	0.001	<0.01	0.01
		Andesite		4779	142.38	145.43	3.05	<0.01	0.4	0.002	<0.01	<0.01
		Tuff		4780	145.43	148.48	3.05	<0.01	0.1	0.002	0.01	<0.01
				4781	148.48	151.52	3.05	<0.01	0.6	0.001	<0.01	0.01
93.90	98.17	Carbonate	Andesite tuff with abundant quartz-carbonate	4782	151.52	154.57	3.05	<0.01	0.3	0.001	<0.01	<0.01
		Zone	stringers and zones of breccia with minor yellow	4783	154.57	157.62	3.05	<0.01	0.1	0.001	0.01	0.02
			sphalerite, rhodochrosite, and galena. Abundant chlorite	4784	157.62	158.54	0.91	<0.01	3	0.002	0.01	0.01

FR DIAMOND DRILL LOGS

DDH # 2006-2		Core Size		Logged by: A. Walus and S. Ballantyne									
Azimuth 135 degrees		Start Aug 12/2006		Total depth 218.60 m									
Dip -65 degrees		Completion Aug 16/2006		Co-ordinate 444849 E 6238164 N									
Reflex Survey			Depth (m)										
			Azimuth (degrees)										
Elevation			Dip (degrees)										
METERAGE		ROCK TYPE	ROCK, ALTERATION, MINERALIZATION	SAMPLE INTERVAL(meters)				ASSAY/GEOCHEM					
FROM	TO		STRUCTURE DESCRIPTION	Sple No.	FROM	TO	Width	Au g/t	Ag g/t	Cu %	Pb %	Zn %	
0.00	1.52	Casing/ Overburden											
1.52	18.90	Andesite Tuff	Strong chlorite alteration, 1-15% carbonate veinlets and replacements. Veinlets of different attitudes to C.A.	005222	1.52	5.18	3.66	<0.01	1.6	0.002	0.01	0.02	
				5223	5.18	8.23	3.05	0.01	5.5	0.001	0.15	0.33	
				5224	8.23	11.28	3.05	<0.01	2.6	0.002	0.01	0.05	
			At 10.06 to 10.37 - quartz-chlorite vein at 10 degrees to C.A.	5225	11.28	14.33	3.05	<0.01	1.8	0.001	0.02	0.2	
				5226	14.33	17.38	3.05	0.01	6.2	0.001	0.07	0.34	
				5227	17.38	20.43	3.05	0.01	14.2	0.002	0.04	0.25	
18.90	111.13	Andesite Lapilli Tuff	Strong chlorite alteration, 1-15% carbonate veinlets and replacements, locally disseminated hematite.	5228	20.43	23.48	3.05	<0.01	29.2	0.002	0.04	0.07	
				5229	23.48	26.52	3.05	<0.01	1.8	0.002	0.01	0.02	
				5230	26.52	29.57	3.05	<0.01	2.2	0.002	0.01	0.01	
			At 24.39 to 29.73 - disseminated hematite in matrix, locally weak silicification. Sporadically some rhodochrosite.	5231	29.57	32.62	3.05	<0.01	1.7	0.002	0.01	0.03	
				5232	32.62	35.67	3.05	0.01	9.7	0.008	0.02	0.09	
				5233	35.67	38.72	3.05	<0.01	20.9	0.007	0.04	0.13	
				5234	38.72	41.77	3.05	<0.01	9.4	0.003	0.02	0.07	
			At 34.76 to 34.85 - carbonate replacement.	5235	41.77	44.82	3.05	0.01	6.9	0.004	0.03	0.05	
				5236	44.82	47.87	3.05	0.01	12.5	0.004	0.02	0.05	
			At 45.73 to 46.65 - badly broken core and Ilmonite on fractures.	5237	47.87	50.91	3.05	0.02	37	0.011	0.14	0.55	
				5238	50.91	53.96	3.05	0.02	41.4	0.012	0.12	0.26	
				5239	53.96	57.01	3.05	0.05	58.6	0.021	0.58	3.2	
			At 54.73 to 55.64 - 40-50% carbonate replacement.	5240	57.01	60.06	3.05	<0.01	11.8	0.005	0.03	0.12	
				5241	60.06	63.11	3.05	<0.01	50.2	0.007	0.23	0.59	
			At 66.46 to 66.59 - replacement by aphanitic andesite.	5242	63.11	66.16	3.05	<0.01	5.9	0.004	0.01	0.03	
				5243	66.16	69.21	3.05	<0.01	2.6	0.001	0.01	0.02	

			At 90.55 to 91.77 - red coloured interval (increased amount of disseminated hematite).	5244	69.21	72.26	3.05	<0.01	2.9	0.001	0.01	0.02
				5245	72.26	75.30	3.05	0.01	5.3	0.003	0.06	0.06
				5246	75.30	78.35	3.05	0.01	3.6	0.003	0.01	0.02
			At 94.66 to 94.76 - minor fault.	5247	78.35	81.40	3.05	<0.01	1.5	0.001	0.01	0.01
				5248	81.40	84.45	3.05	<0.01	2.5	0.001	0.01	0.01
111.13	116.77	Andesite	Strong chlorite alteration, 1-3% carbonate veinlets.	5249	84.45	87.50	3.05	<0.01	1.1	0.001	<0.01	0.02
		Tuff		5250	87.50	90.55	3.05	<0.01	1.9	0.002	<0.01	0.01
				5301	90.55	93.60	3.05	<0.01	0.9	0.001	<0.01	0.01
116.77	122.26	Andesite	Strong chlorite, lesser sericite alteration.	5302	93.60	96.65	3.05	<0.01	1.5	0.002	<0.01	0.01
		Lapilli Tuff		5303	96.65	99.70	3.05	<0.01	1.4	0.003	<0.01	0.01
				5304	99.70	102.74	3.05	<0.01	2.6	0.002	<0.01	0.01
122.26	134.15	Felsic	Feldspar porphyritic to aphanitic texture, light greenish colour. Moderate sericite-chlorite alteration.	5305	102.74	105.79	3.05	<0.01	1.5	0.001	<0.01	0.01
		Intrusive		5306	105.79	108.84	3.05	0.06	82	0.009	0.94	0.9
				5307	108.84	111.89	3.05	<0.01	1.1	<0.001	<0.01	0.01
			At 129.57 to 130.64 - intense pervasive limonite.	5308	111.89	114.94	3.05	<0.01	0.9	0.002	<0.01	0.01
				5309	114.94	117.99	3.05	0.01	0.5	0.001	<0.01	0.01
134.15	169.91	Andesite	Andesite pyroclastics partly replaced by siliceous	5310	117.99	121.04	3.05	<0.01	1.7	<0.001	<0.01	0.01
		Pyroclastic/	aphanitic felsic rock. Minor quartz-carbonate	5311	121.04	124.09	3.05	0.01	2.2	0.001	<0.01	0.01
		Felsite	replacements.	5312	124.09	127.13	3.05	0.01	1.6	<0.001	<0.01	0.01
				5313	127.13	130.18	3.05	0.01	1.7	0.001	<0.01	0.01
			At 149.70 to 149.88 - carbonate-rhodochrosite-chlorite vein at 15 degrees to C.A. Epithermal texture.	5314	130.18	133.23	3.05	0.01	1.4	<0.001	<0.01	0.01
				5315	133.23	136.28	3.05	<0.01	1	0.001	<0.01	0.01
				5316	136.28	139.33	3.05	<0.01	1	<0.001	<0.01	0.01
			At 164.94 to 165.24 - 15-20% carbonate-rhodochrosite replacements.	5317	139.33	142.38	3.05	0.01	2	0.001	<0.01	0.01
				5318	142.38	145.43	3.05	<0.01	1.6	0.001	<0.01	0.01
				5319	145.43	148.48	3.05	0.01	2.4	0.001	<0.01	0.02
			At 169.82 to 170.43 - moderately siliceous interval.	5320	148.48	151.52	3.05	0.03	3.3	0.001	<0.01	0.14
				5321	151.52	154.57	3.05	<0.01	2.4	0.001	<0.01	0.01
169.91	214.94	Andesite	Strongly chlorites rock, minor carbonate veining.	5322	154.57	157.62	3.05	<0.01	1.8	<0.001	<0.01	0.01
		Lapilli Tuff		5323	157.62	160.67	3.05	0.01	1.6	<0.001	<0.01	0.01
			At 182.93 to 186.13 - the interval is of reddish colour due to disseminated hematite in the matrix.	5324	160.67	163.72	3.05	<0.01	1.3	<0.001	<0.01	0.01
				5325	163.72	166.77	3.05	<0.01	1.9	<0.001	<0.01	0.01
				5326	166.77	169.82	3.05	<0.01	1.1	0.006	<0.01	<0.01
			At 191.01 to 197.41 - same as above with intervals of no hematite within the interval.	5327	169.82	172.87	3.05	<0.01	1.3	<0.001	<0.01	<0.01
				5328	172.87	175.91	3.05	<0.01	2	<0.001	<0.01	<0.01
				5329	175.91	178.96	3.05	<0.01	0.5	<0.001	<0.01	<0.01
			At 203.51 to 205.79 - same as above.	5505	178.96	182.01	3.05	0.01	0.6	<0.001	<0.01	0.01

FR DIAMOND DRILL LOGS

DDH # <u>2006-3</u>		Core Size _____		Logged by: <u>S. Ballantyne and R. Pelkey</u>								
Azimuth <u>135 degrees</u>		Start <u>Aug 18/2006</u>		Total depth <u>129.57 m</u>								
Dip <u>-75 degrees</u>		Completion <u>Aug 19/2006</u>		Co-ordinate <u>444849 E 6238164 N</u>								
Reflex Survey			Depth (m)									
			Azimuth (degrees)									
Elevation _____			Dip (degrees)									
METERAGE		ROCK TYPE	ROCK, ALTERATION, MINERALIZATION STRUCTURE DESCRIPTION	SAMPLE INTERVAL(meters)				ASSAY/GEOCHEM				
FROM	TO			Sple No.	FROM	TO	Width	Au g/t	Ag g/t	Cu %	Pb %	Zn %
0.00	2.13	Casing/ Overburden	Some core lost at the beginning.									
2.13	16.77	Porphyritic Intrusive	Dark grey granodiorite with 2% quartz stringers.	005627	2.13	4.57	2.44	<0.01	3.8	0.003	0.05	0.12
			At 2.13 to 3.35 - weak disseminated hematite.	5628	4.57	7.62	3.05	0.01	6.6	0.004	0.05	0.15
			At 3.35 to 4.88 - weak chlorite-sericite alteration.	5629	7.62	10.67	3.05	0.01	1.8	0.002	0.01	0.02
			At 4.88 to 6.10 - rubbly core (possible minor fault) with moderate chlorite-sericite alteration and minor hematite.	5630	10.67	13.72	3.05	<0.01	1	0.003	<0.01	0.02
			At 6.10 to 8.54 - intervals of strong disseminated hematite giving a strong red colour.	5631	13.72	16.77	3.05	0.01	0.5	0.003	0.01	0.02
			At 8.54 to 13.72 - intervals of strong disseminated hematite giving a strong red colour.	5632	16.77	19.82	3.05	<0.01	0.9	0.003	0.01	0.01
			At 13.72 to 16.16 - quartz vein with fine grained hematite at 25 degrees to C.A.	5633	19.82	22.87	3.05	<0.01	1.5	0.004	<0.01	0.02
			At 16.16 to 16.19 - quartz vein with fine grained hematite at 25 degrees to C.A.	5634	22.87	25.91	3.05	<0.01	0.7	0.003	<0.01	0.01
			At 16.19 to 16.77 - quartz vein with fine grained hematite at 25 degrees to C.A.	5635	25.91	28.96	3.05	<0.01	7	0.005	0.01	0.04
			At 16.77 to 16.99 - quartz vein with fine grained hematite at 25 degrees to C.A.	5636	28.96	32.01	3.05	0.01	41.8	0.009	0.08	0.05
			At 16.99 to 17.11 - quartz vein with fine grained hematite at 25 degrees to C.A.	5637	32.01	35.06	3.05	0.03	9.4	0.007	0.04	0.05
			At 17.11 to 17.23 - quartz vein with fine grained hematite at 25 degrees to C.A.	5638	35.06	38.11	3.05	0.01	3.9	0.006	0.01	0.03
			At 17.23 to 17.35 - quartz vein with fine grained hematite at 25 degrees to C.A.	5639	38.11	41.16	3.05	0.01	2.3	0.004	0.01	0.03
			At 17.35 to 17.47 - quartz vein with fine grained hematite at 25 degrees to C.A.	5640	41.16	44.21	3.05	0.01	3.1	0.01	0.1	0.04
			At 17.47 to 17.59 - quartz vein with fine grained hematite at 25 degrees to C.A.	5641	44.21	47.26	3.05	0.01	1.7	0.005	0.01	0.13
			At 17.59 to 17.71 - quartz vein with fine grained hematite at 25 degrees to C.A.	5642	47.26	50.00	2.74	0.01	1	0.002	<0.01	0.02
16.77	50.00	Porphyritic Intrusive	Granodiorite with 5-15% quartz-carbonate as stringers and replacements. Intervals of moderate disseminated hematite throughout, minor pale yellow sphalerite.	5643	50.00	51.52	1.52	0.07	15.3	0.002	0.01	0.08
			At 51.52 to 53.05 - moderate disseminated hematite throughout, minor pale yellow sphalerite.	5644	51.52	53.05	1.52	0.01	24.4	0.003	0.03	0.09
			At 53.05 to 53.96 - moderate disseminated hematite throughout, minor pale yellow sphalerite.	5645	53.05	53.96	0.91	<0.01	1.5	0.001	<0.01	0.02
			At 53.96 to 55.18 - moderate disseminated hematite throughout, minor pale yellow sphalerite.	5646	53.96	55.18	1.22	0.01	1.4	0.001	<0.01	0.02
			At 55.18 to 56.40 - moderate disseminated hematite throughout, minor pale yellow sphalerite.	5647	55.18	56.40	1.22	<0.01	0.8	0.002	<0.01	0.02
			At 56.40 to 59.45 - minor fault marked by clay gouge	5648	56.40	59.45	3.05	0.01	1.5	0.002	0.01	0.05

FR DIAMOND DRILL LOGS

DDH # <u>2006-7</u>		Core Size <u>BQ</u>		Logged by: <u>R. Pelkey</u>							
Azimuth <u>125 degrees</u>		Start <u>Aug 19/2006</u>		Total depth <u>44.51 m</u>							
Dip <u>-75 degrees</u>		Completion <u>Aug 20/2006</u>		Co-ordinate <u>445311 E 6222074 N</u>							
Reflex Survey			Depth (m)								
			Azimuth (degrees)								
Elevation _____			Dip (degrees)								
METERAGE		ROCK TYPE	ROCK, ALTERATION, MINERALIZATION STRUCTURE DESCRIPTION	SAMPLE INTERVAL(meters)			ASSAY/GEOCHEM				
FROM	TO			Spie No.	FROM	TO	Width	Au g/t	Ag g/t	Cu %	Pb %
0.00	8.84	Andesite	Steel grey, fine grained, weak to moderate sericite								
		Tuff	altered rock with minor to moderate black chlorite								
			within matrix. 3-5% quartz-carbonate as irregular	5791	19.51	20.73	1.22				
			stringers containing trace pyrite.	005792	19.51	20.73	1.22	<0.01	1.9	0.001	0.01
				5793	20.73	24.09	3.36	<0.01	0.6	0.001	<0.01
8.84	14.33	Porphyritic	Greenish grey weakly chlorite-sericite altered rock.	5794	24.09	25.61	1.52	<0.01	0.8	0.001	0.01
		Intrusive	3-4% quartz-carbonate as irregular stringers.	5795	25.61	27.13	1.52	<0.01	1.9	0.001	<0.01
				5796	27.13	28.66	1.52	<0.01	1.5	0.001	<0.01
14.33	19.21	Black Tuff/	Intercalated fine grained black tuff and argillite. 5-7%	5797	28.66	30.18	1.52	<0.01	0.1	0.001	<0.01
		Argillite	quartz-carbonate as irregular stringers which contain	5798	30.18	31.71	1.52	<0.01	0.6	0.001	<0.01
			trace pyrite.	5799	31.71	33.23	1.52	<0.01	0.1	0.001	0.01
				5800	33.23	34.76	1.52	<0.01	0.5	0.004	0.01
19.21	36.89	Porphyritic	Weak to intense carbonate altered greenish grey,	5801	34.76	36.89	2.13	<0.01	0.2	0.001	0.02
		Intrusive	light grey, light to dark brown rock. 10-15% quartz-								
			carbonate as irregular stringers containing minor								
			pyrite, galena, and sphalerite.								
			At 33.84 to 34.76 - interval of argillite similar to interval								
			14.33 to 19.21.								
36.89	44.51	Black Tuff/	Same as interval 14.33 to 19.21. Interval is highly								
		Argillite	fractured.								
			E.O.H. 44.51 m.								

APPENDIX III

ASSAY RESULTS - DDH - 2006 - FR - 1 TO 15 inclusive



Quality Assurance for over 20 Years

Assay Certificate

6V-2097-RA1

Page 1 of 2

Oct-16-06

Company: **Mountain Boy Minerals Ltd.**
Project: **FR**
Attn: **Randy Kasum**

We hereby certify the following assay of 24 drill core samples submitted Sep-01-06

Sample Name	Au g/tonne	Ag g/tonne	Cu %	Pb %	Zn %
A004998	0.35	8.0	0.026	0.15	0.28
A005222	<0.01	1.6	0.002	0.01	0.02
A005223	0.01	5.5	0.001	0.15	0.33
A005224	<0.01	2.6	0.002	0.01	0.05
A005225	<0.01	1.8	0.001	0.02	0.20
A005226	0.01	6.2	0.001	0.07	0.34
A005227	0.01	14.2	0.002	0.04	0.25
A005228	<0.01	29.2	0.002	0.04	0.07
A005229	<0.01	1.8	0.002	0.01	0.02
A005230	<0.01	2.2	0.002	0.01	0.01
A005231	<0.01	1.7	0.002	0.01	0.03
A005232	0.01	9.7	0.008	0.02	0.09
A005233	<0.01	20.9	0.007	0.04	0.13
A005234	<0.01	9.4	0.003	0.02	0.07
A005235	0.01	6.9	0.004	0.03	0.05
A005236	0.01	12.5	0.004	0.02	0.05
A005237	0.02	37.0	0.011	0.14	0.55
A005238	0.02	41.4	0.012	0.12	0.26
A005239	0.05	58.6	0.021	0.58	3.20
A005240	<0.01	11.8	0.005	0.03	0.12
A005241	<0.01	50.2	0.007	0.23	0.59
A005242	<0.01	5.9	0.004	0.01	0.03
A005243	<0.01	2.6	0.001	0.01	0.02
A005244	<0.01	2.9	0.001	0.01	0.02
*DUP A004998	0.41	7.1	0.027	0.15	0.29
*DUP A005230	<0.01	1.9	0.002	0.01	0.01
*DUP A005240	<0.01	12.3	0.004	0.03	0.12
*Au5	1.46				
*CCu-1c		130.5			4.09
*KC-1a			0.626	2.22	

Certified by



Quality Assurance for over 25 Years

Assay Certificate

6V-2097-RA2

Company: **Mountain Boy Minerals Ltd.**
Project: **FR**
Attn: **Randy Kasum**

Oct-16-06

We hereby certify the following assay of 6 drill core samples submitted Sep-01-06

Sample Name	Au g/tonne	Ag g/tonne	Cu %	Pb %	Zn %
A005245	0.01	5.3	0.003	0.06	0.06
A005246	0.01	3.6	0.003	0.01	0.02
A005248	<0.01	2.5	0.001	0.01	0.01
A005249	<0.01	1.1	0.001	<0.01	0.02
A005250	<0.01	1.9	0.002	<0.01	0.01
A005301	<0.01	0.9	0.001	<0.01	0.01
*DUP A005245	0.01	4.8	0.003	0.07	0.06
*Au5	1.50				
*CCu-1c		128.8			4.03
*KC-1a			0.628	2.23	
*BLANK	<0.01	<0.1	<0.001	<0.01	<0.01

Certified by



Quality Assaying for over 25 Years

Assay Certificate

6V-2098-RA2

Page 1 of 2

Oct-05-06

Company: **Mountain Boy Minerals Ltd.**
Project: **FR Claim**
Attn: **Randy Kasum**

We hereby certify the following assay of 24 drill core samples
submitted Sep-01-06

Sample Name	Au g/tonne	Ag g/tonne	Cu %	Pb %	Zn %
A005805	0.11	200.0	0.097	0.84	0.23
A006081	<0.01	1.6	0.001	0.01	0.02
A006082	<0.01	1.1	0.001	0.01	0.02
A006083	<0.01	0.5	0.001	<0.01	0.01
A006084	<0.01	0.6	0.005	<0.01	0.02
A006085	0.02	16.8	0.023	0.02	0.09
A006086	<0.01	2.1	0.001	0.02	0.02
A006087	<0.01	2.3	0.001	<0.01	0.01
A006088	<0.01	1.7	0.008	0.01	0.02
A006089	0.21	228.7	0.345	0.25	0.15
A006090	<0.01	2.5	0.005	<0.01	0.01
A006091	<0.01	2.2	0.001	0.01	0.03
A006092	<0.01	1.5	0.001	0.01	0.02
A006093	<0.01	1.2	0.001	0.02	0.02
A006094	0.02	62.0	0.033	2.14	1.99
A006095	0.29	22.9	0.054	0.03	0.04
A006096	0.01	13.6	0.006	0.02	0.02
A006097	<0.01	4.8	0.002	0.02	0.02
A006098	<0.01	0.9	0.001	0.01	0.02
A006099	0.03	155.1	0.036	1.72	0.12
A006100	0.14	300.4	0.065	0.57	0.49
A006101	<0.01	2.9	0.012	0.02	0.05
A006102	<0.01	1.6	0.005	<0.01	0.01
A006103	<0.01	0.9	0.001	<0.01	0.01
*DUP A005805	0.08	212.5	0.095	0.85	0.23
*DUP A006089	0.26	227.5	0.344	0.26	0.15
*DUP A006099	0.04	151.8	0.036	1.75	0.12
*Au5	1.45				
*CCu-1c		127.0			3.98
*KC-1a			0.631	2.22	

Certified by



Quality Assurance for over 25 Years

Assay Certificate

6V-2098-RA1

Page 1 of 2

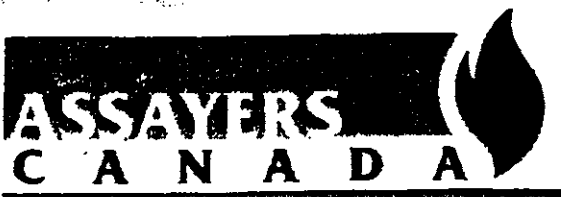
Oct-05-06

Company: **Mountain Boy Minerals Ltd.**
Project: **FR Claim**
Attn: **Randy Kasum**

We hereby certify the following assay of 24 drill core samples submitted Sep-01-06

Sample Name	Au g/tonne	Ag g/tonne	Cu %	Pb %	Zn %
A005779	<0.01	1.3	0.001	0.01	0.01
A005780	<0.01	1.2	0.001	0.01	0.01
A005781	<0.01	2.0	0.001	0.02	0.04
A005782	<0.01	0.4	0.001	<0.01	<0.01
A005783	<0.01	1.5	0.001	0.02	0.02
A005784	<0.01	0.8	0.001	0.01	<0.01
A005785	0.01	1.2	0.001	<0.01	0.01
A005786	<0.01	0.6	0.001	<0.01	0.01
A005787	<0.01	1.3	0.001	<0.01	0.01
A005788	<0.01	1.9	0.001	0.01	0.02
A005789	0.19	1412.0	0.303	0.09	0.44
A005790	0.01	5.8	0.003	0.02	0.02
A005791	<0.01	4.8	0.001	<0.01	<0.01
A005792	<0.01	1.9	0.001	0.01	0.01
A005793	<0.01	0.6	0.001	<0.01	<0.01
A005794	<0.01	0.8	0.001	0.01	0.01
A005795	<0.01	1.9	0.001	<0.01	<0.01
A005796	<0.01	1.5	0.001	<0.01	<0.01
A005797	<0.01	0.1	0.001	<0.01	<0.01
A005798	<0.01	0.6	0.001	<0.01	<0.01
A005799	<0.0	0.1	0.001	0.01	0.01
A005800	<0.0	0.5	0.004	0.01	0.01
A005802	<0.01	0.6	0.001	0.01	0.01
A005803	<0.01	0.5	0.001	0.01	0.01
*DUP A005779	<0.01	1.7	0.001	0.01	0.01
*DUP A005788	<0.01	2.3	0.001	0.01	0.02
*DUP A005798	<0.01	1.0	0.001	<0.01	<0.01
*Au5	1.45				
*CCu-1c		127.9			4.03
*KC-1a			0.622	2.26	

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Assayers Canada
 8282 Sherbrooke St.
 Vancouver, B.C.
 V5X 4R6
 Tel: (604) 327-3436
 Fax: (604) 327-3423

Quality Assurance for over 20 Years

Assay Certificate

6V-2098-RA3

Company: **Mountain Boy Minerals Ltd.**
 Project: **FR Claim**
 Attn: **Randy Kasun**

Oct-05-06

We hereby certify the following assay of 9 drill core samples submitted Sep-01-06

Sample Name	Au g/tonne	Ag g/tonne	Cu %	Pb %	Zn %
A006104	<0.01	0.8	0.001	0.01	0.01
A006105	<0.01	0.4	0.063	0.01	0.01
A006107	<0.01	0.6	0.003	0.01	0.01
A006049	<0.01	1.7	0.005	0.01	0.03
A006050	<0.01	1.4	0.007	0.01	0.01
A006387	0.03	0.5	0.006	0.01	0.01
A006388	0.02	1.5	0.003	0.01	0.01
A006389	0.02	1.5	0.001	0.01	0.01
No number sample	<0.01	46.6	0.012	0.11	0.06
*DUP A006104	<0.01	0.7	0.001	0.01	0.01
*Au5	1.44				.
*CCu-1c		127.5			4.08
*KC-1a			0.621	2.22	
*BLANK	<0.01	<0.1	<0.001	<0.01	<0.01

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Quality Assaying for over 25 Years

Assay Certificate

6V-2116-RA1

Page 1 of 2

Oct-20-06

Company: **Mountain Boy Minerals Ltd.**
Project: **FR**
Attn: **Randy Kasum**

We hereby certify the following assay of 24 drill core samples submitted Sep-06-06

Sample Name	Au g/tonne	Ag g/tonne	Cu %	Pb %	Zn %
A005302	<0.01	1.5	0.002	<0.01	0.01
A005303	<0.01	1.4	0.003	<0.01	0.01
A005304	<0.01	2.6	0.002	<0.01	0.01
A005305	<0.01	1.5	0.001	<0.01	0.01
A005306	0.06	82.0	0.009	0.94	0.90
A005307	<0.01	1.1	<0.001	<0.01	0.01
A005308	<0.01	0.9	0.002	<0.01	0.01
A005309	0.01	0.5	0.001	<0.01	0.01
A005310	<0.01	1.7	<0.001	<0.01	0.01
A005311	0.01	2.2	0.001	<0.01	0.01
A005312	0.01	1.6	<0.001	<0.01	0.01
A005313	0.01	1.7	0.001	<0.01	0.01
A005314	0.01	1.4	<0.001	<0.01	0.01
A005315	<0.01	1.0	0.001	<0.01	0.01
A005316	<0.01	1.0	<0.001	<0.01	0.01
A005317	0.01	2.0	0.001	<0.01	0.01
A005318	<0.01	1.6	0.001	<0.01	0.01
A005319	0.01	2.4	0.001	<0.01	0.02
A005320	0.03	3.3	0.001	<0.01	0.14
A005321	<0.01	2.4	0.001	<0.01	0.01
A005322	<0.01	1.8	<0.001	<0.01	0.01
A005323	0.01	1.6	<0.001	<0.01	0.01
A005324	<0.01	1.3	<0.001	<0.01	0.01
A005325	<0.01	1.9	<0.001	<0.01	0.01
*DUP A005302	<0.01	1.7	0.002	<0.01	0.01
*DUP A005311	<0.01	1.7	0.001	<0.01	0.01
*DUP A005321	0.01	2.5	0.001	<0.01	0.01
*Au5	1.48				
*CCu-1c		128.4			4.08
*RC-1a			0.623	2.22	

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Quality Assaying for over 20 Years

Assay Certificate

6V-2116-RA2

Company: **Mountain Boy Minerals Ltd.**
Project: **FR**
Attn: **Randy Kasum**

Oct-20-06

We hereby certify the following assay of 15 drill core samples submitted Sep-06-06

Sample Name	Au g/tonne	Ag g/tonne	Cu %	Pb %	Zn %
A005326	<0.01	1.1	0.006	<0.01	<0.01
A005327	<0.01	1.3	<0.001	<0.01	<0.01
A005328	<0.01	2.0	<0.001	<0.01	<0.01
A005329	<0.01	0.5	<0.001	<0.01	<0.01
A005505	0.01	0.6	<0.001	<0.01	0.01
A005506	<0.01	1.4	0.001	<0.01	0.01
A005507	<0.01	1.1	0.001	<0.01	0.01
A006645	0.04	1.7	0.002	<0.01	<0.01
A006646	<0.01	1.7	<0.001	<0.01	<0.01
A006647	<0.01	1.9	<0.001	<0.01	<0.01
A006648	<0.01	1.3	<0.001	<0.01	<0.01
A006650	0.09	2.6	0.001	<0.01	0.01
A006651	0.03	1.9	0.003	<0.01	0.01
A006653	<0.01	1.4	0.001	<0.01	<0.01
A006654	0.01	1.3	0.001	<0.01	<0.01
*DUP A005326	<0.01	1.6	0.005	<0.01	<0.01
*DUP A006647	<0.01	1.7	<0.001	<0.01	<0.01
*Au5	1.36				
*CCu-1c		128.9			4.05
*KC-1a			0.624	2.21	
*BLANK	<0.01	<0.1	<0.001	<0.01	<0.01

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6V-2225-RA1

Page 1 of 2

Nov-02-06

Company: **Mountain Boy Minerals Ltd.**
Project: **FR Claims**
Attn: **Randy Kasum**

We hereby certify the following assay of 24 drill core samples
submitted Sep-07-06

Sample Name	Au g/tonne	Ag g/tonne	Cu %	Pb %	Zn %
A005508	0.01	0.8	0.006	0.01	0.02
A005509	<0.01	1.2	0.002	<0.01	0.01
A005510	<0.01	0.5	0.003	<0.01	0.01
A005511	<0.01	1.0	0.003	<0.01	0.01
A005512	<0.01	1.1	0.002	0.01	0.01
A005513	<0.01	1.3	0.003	0.01	0.01
A005514	<0.01	1.8	0.006	0.01	0.01
A005515	<0.01	2.0	0.012	0.01	0.01
A005516	<0.01	1.9	0.006	0.01	0.02
A005517	<0.01	1.2	0.003	0.01	0.01
A005627	<0.01	3.8	0.003	0.05	0.12
A005628	0.01	6.6	0.004	0.05	0.15
A005629	0.01	1.8	0.002	0.01	0.02
A005630	<0.01	1.0	0.003	<0.01	0.02
A005631	0.01	0.5	0.003	0.01	0.02
A005632	<0.01	0.9	0.003	0.01	0.01
A005633	<0.01	1.5	0.004	<0.01	0.02
A005634	<0.01	0.7	0.003	<0.01	0.01
A005635	<0.01	7.0	0.005	0.01	0.04
A005636	0.01	41.8	0.009	0.08	0.05
A005637	0.03	9.4	0.007	0.04	0.05
A005638	0.01	3.9	0.006	0.01	0.03
A005639	0.01	2.3	0.004	0.01	0.03
A005640	0.01	3.1	0.010	0.10	0.04
*DUP A005508	0.01	0.9	0.006	0.01	0.02
*DUP A005517	<0.01	1.5	0.003	0.01	0.01
*DUP A005636	0.01	41.6	0.010	0.08	0.05
*Au5	1.45				
*CCu-1c		127.6			4.00
*KC-1a			0.624	2.21	

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Assay Certificate

6V-2225-RA2

Page 1 of 2

Nov-02-06

Company: **Mountain Boy Minerals Ltd.**
Project: **FR Claims**
Attn: **Randy Kasum**

We hereby certify the following assay of 24 drill core samples
submitted Sep-07-06

Sample Name	Au g/tonne	Ag g/tonne	Cu %	Pb %	Zn %
A005641	0.01	1.7	0.005	0.01	0.13
A005642	0.01	1.0	0.002	<0.01	0.02
A005643	0.07	15.3	0.002	0.01	0.08
A005644	0.01	24.4	0.003	0.03	0.09
A005645	<0.01	1.5	0.001	<0.01	0.02
A005646	0.01	1.4	0.001	<0.01	0.02
A005647	<0.01	0.8	0.002	<0.01	0.02
A005648	0.01	1.5	0.002	0.01	0.05
A005649	<0.01	0.2	0.001	<0.01	0.01
A005650	0.01	1.6	0.001	0.01	0.05
A005651	<0.01	1.8	0.002	0.01	0.04
A005652	0.01	5.9	0.004	0.16	0.44
A005653	0.01	2.6	0.003	0.02	0.09
A005654	<0.01	1.6	0.002	<0.01	0.02
A005655	<0.01	0.6	0.002	0.01	0.01
A005656	<0.01	0.9	0.001	<0.01	0.02
A005657	0.02	1.0	0.002	0.01	0.02
A005658	<0.01	1.0	0.003	<0.01	0.01
A005659	0.01	3.5	0.003	0.06	0.16
A005660	0.01	1.2	0.002	0.07	0.18
A005661	0.01	3.8	0.005	0.01	0.07
A005662	0.01	4.8	0.007	0.03	0.15
A005663	<0.01	1.6	0.003	<0.01	0.02
A005664	0.01	0.7	0.001	<0.01	0.02
*DUP A005641	0.01	1.4	0.005	0.01	0.13
*DUP A005650	<0.01	1.9	0.001	0.01	0.05
*DUP A005660	0.01	1.4	0.002	0.07	0.18
*Au5	1.43				
*CCu-1c		130.9			4.06
*KC-1a			0.625	2.24	

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6V-2225-RA3

Company: **Mountain Boy Minerals Ltd.**
Project: **FR Claims**
Attn: **Randy Kasum**

Nov-02-06

We hereby certify the following assay of 18 drill core samples submitted Sep-07-06

Sample Name	Au g/tonne	Ag g/tonne	Cu %	Pb %	Zn %
A005665	<0.01	0.5	0.002	<0.01	0.01
A005666	0.01	1.0	0.003	<0.01	0.02
A005667	0.01	0.7	0.001	<0.01	0.01
A005668	<0.01	0.9	0.001	<0.01	0.01
A005669	0.01	0.3	0.001	<0.01	0.01
A005670	0.01	0.2	0.001	<0.01	0.01
A005671	<0.01	0.3	0.001	<0.01	0.01
A005672	0.01	2.1	0.001	0.01	0.01
A005673	0.01	2.1	0.001	0.01	0.02
A005674	0.01	0.7	0.001	<0.01	0.01
A005675	0.01	1.2	0.001	<0.01	0.01
A005676	0.01	3.9	0.001	<0.01	0.01
A005677	0.02	31.3	0.001	0.01	0.01
A005678	0.02	13.0	0.001	<0.01	0.01
A006899	0.09	2.4	0.003	0.02	0.03
A006900	0.09	2.2	0.001	0.02	0.04
A006901	0.16	1.2	0.001	0.01	0.05
A006902	0.25	1.0	0.001	0.01	0.05
*DUP A005665	<0.01	0.3	0.001	<0.01	0.01
*DUP A005674	<0.01	0.2	0.001	<0.01	0.01
*Au5	1.48				
*CCu-1c		128.3			4.05
*KC-1a			0.630	2.25	
*BLANK	<0.01	<0.1	<0.001	<0.01	<0.01

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APPENDIX IV

Calculations of Drill Hole Intercept Results

FR -2006-12

Sample No.	Interval (M)	g/t Au	g/t Ag	% Cu	% Pb	% Zn	l x g/t Au	l x g/t Ag	l x % Cu	l x % Pb	l x % Zn
							0	0	0	0	0
							0	0	0	0	0
6099	1.52	0.03	155.1	0.036	1.72	0.12	0.0456	235.752	0.05472	2.6144	0.1824
6100	1.52	0.14	300.4	0.065	0.57	0.49	0.2128	456.608	0.0988	0.8664	0.7448
							0	0	0	0	0
							0	0	0	0	0
							0	0	0	0	0
							0	0	0	0	0
							0	0	0	0	0
							0	0	0	0	0
							0	0	0	0	0
							0	0	0	0	0
							0	0	0	0	0
							0	0	0	0	0
							0	0	0	0	0
							0	0	0	0	0
							0	0	0	0	0
							0	0	0	0	0
							0	0	0	0	0
							0	0	0	0	0
							0	0	0	0	0
							0	0	0	0	0
	3.04						0.085	227.75	0.0505	1.145	0.305

APPENDIX V

Geochemical Sample Descriptions

FR SAMPLES DESCRIPTIONS

FR-1(444594, 6238466) Grab from vuggy limonite-quartz vein about 40 m below apple green rhyolite. Vein oriented 300 deg / moderate dip to N. Thickness about 0.5 m.

FR-2(444686, 6239662) Grab sample from small shear zone, quartz-sericite alteration, minor pyrite, some Fe and Mn stain, shearing orientation E-W with vertical dip.

FR-3(445305, 6238137) Grab sample from quartz vein 2-5 cm wide with minor malachite and galena. The vein is a part of branching vein zone 1.5 m wide at the end of major quartz vein 60-70 m long. The vein is 2-10 cm wide and branch off at the N end, orientation N-S / vertical dip.

AFR-4(444888, 6239488) Chip 2.0 m from a rusty zone of sericite altered andesite volcanics. The zone (shear, fracture zone) is 20 m long and 2-3 m wide.

AFR-5(44923, 39296) Grab from a suboutcrop of a pod (max. 2-3m across) of carbonate, lesser barite cemented breccia hosted in andesite rocks. Abundant Mn stain.

AFR-6(445300, 6239654) Float (angular, head size) of quartz vein with 3-4% pyrite and minor sphalerite, strong Mn stain on surface, several similar pieces were noted nearby.

AFR-7(445593, 6239177) Grab from sub outcrop of a quartz vein about 40 m long (exposed length) and no wider than 30 cm. The vein pinch and swell from 0 to 30 cm. Vein orientation 340/V. The sample contains 20-30% pyrite, minor chalcopyrite and strong Mn stain. The vein is located just 20 m above the sample ACH S-06.

AFR-8(445556, 6239107) Grab from quartz vein 10-15 cm wide with minor pyrite and trace galena (?). Orientation 20/V. Can be traced for 3 m.

AFR-9(45491, 39123) Float from ore pile related to nearby mined-out vein. The sample is of quartz with 10-15% pyrite and 25-30% chalcopyrite, heavy Mn. Sample ACH S-06-10 is just a few metres away.

AFR-10(446286, 6236460) Grab from zone of carbonate alteration with pervasive limonite stain 15-20 m across hosted in andesite epiclastics.

AFR-11(446410, 6246485) Grab from limonitic limestone/marble with minor disseminated chalcopyrite and malachite. The sample came from distinctively bedded layer of limestone 10-15 m thick. Bedding N-S/steep E. Mineralization is most likely epigenetic.

AFR-12(446410, 6246485) Grab from limestone/mudstone.

AFR-13(46138, 36399) Grab from very strongly sericite-carbonate altered rock with strong pervasive limonite.

AFR-14(445928, 6235677) Float from sub outcrop of very strongly quartz-sericite-pyrite altered rock. Pyrite content 5-10%. The rock came from zone above of this type of alteration. The zones are a few m across, but are quite irregular.

AFR-15(445850, 6235735) Float of carbonate replaced rock with 20-25% coarse grained sphalerite and 1-2% galena. There are other boulders with sphalerite nearby. The source of the float is a small cliff above.

AFR-16(445923, 6235664) Grab sample from small pod (?) partly buried (max. 1-1.5 m) of quartz with 1-2% of combined sphalerite and galena, and abundant limonite.

FR-06-1(445656, 6239521) Float- 15 cm massive pyrite -chalcopyrite boulder.

FR-06-2(445686, 6239286) Select grab out of old trench. Grab of siderite-chalcopyrite-pyrite with sulphides approximately 12 %.

FR-06-3(445686, 6239286) Select grab out of old trench. Grab of siderite-chalcopyrite-pyrite with sulphides approximately 3-4 % %. Zone is approximately 2 m wide with stringers of chalcopyrite and pyrite striking 085 degrees.

FR-06-4 (445782, 6239296) Select grab out of dump by old trench. Select grab of massive pyrite, minor chalcopyrite and traces sphalerite. Sulphides form approximately 40-50 % of the rock.

FR-06-5 (445782, 6239296) Grab from a stringer in the mineralized zone. There is heavy manganese stain with minor galena, sphalerite and traces of chalcopyrite. Sulphides total approximately 5 to 6 % of the zone.

FR-06-6 (445799, 6239296) 15 m east of sample FR-06-5. Grab of semi-massive sphalerite, galena and pyrite from a trench dump.

FR-06-7 (445854, 6239288) Grab from outcrop in small trench. Grab of manganese stained, silicified zone with minor siderite veinlets and traces pyrite.

FR-06-8 (445549, 6239177) Float consisting of vuggy quartz with semi-massive pyrite approximately 20 % and traces of chalcopyrite and galena.

FR-06-9 (445516, 6239178) Float consisting of vuggy quartz with massive chalcopyrite veinlets and minor galena approximately 10 % of the rock

FR-06-10(445516, 6239178) Grab of siderite rich rock with 5-10 % chalcopyrite

FR-06-11(445503, 6239147) Grab from massive, banded pyrite float with minor chalcopyrite.

FR-06-12(445503, 6239147) Grab of float with quartz stockwork carrying 5-6 % chalcopyrite and minor pyrite.

FR-06-13(445494, 6239101) Grab from trench dump beside 15 m long cut. Sample is grab of quartz with 15 % chalcopyrite.

FR-06-14(445494, 6239101) Grab of dump material, same as above.

FR-06-15(445494, 6239101) Float grab sample of manganese vuggy quartz with crystalline crystals and minor chalcopyrite and pyrite.

ACHS-2006-1(445699, 6239241) (float) Quartz-stockwork/vein. Float rock 1-2% galena. Minor chalcopyrite and pyrite.

ACHS-2006-2(445699, 6239241) (float) Intermediate aphanitic volcanic. Quartz carbonate vein containing galena, chalcopyrite and pyrite, ± specularite

ACHS-2006-3(445698, 6239264) (trench) Quartz vein in volcanics. Semi-massive galena, chalcopyrite and pyrite. Malachite stain in fractures.

ACHS-2006-4(445698, 6239264) (old trench) Massive, banded pyrite in quartz vein. 2-3% pyrite

ACHS-2006-5(445627, 6239192) silicified, sericite felsic intrusive volcanic. Massive galena vein, minor pyrite.

ACHS-2006-6(445600, 6239189) (grab from trench) 15-30cm thick quartz vein. Semi-massive pyrite vein. Vein at 340°

ACHS-2006-7(445571, 6239146) (float) Quartz vein, 10-20% sulfides, pyrite, chalcopyrite. Malachite stain.

ACHS-2006-8(445510, 6239120) (old trench) Quartz vein system, ± barite in volcanics, strong rusty stain.

ACHS-2006-9(445510, 6239120) (same trench as above) Quartz vein in mafic-andesitic volcanic. 10% pyrite. Strong rusty stain.

ACHS-2006-10(445493, 6239134) (old blast) Quartz vein, malachite stain in fracture. 10-12% pyrite and chalcopyrite.

ACHS-2006-11(445493, 6239134) (grab) Aphanitic, mafic volcanic with 2-4mm quartz-stringers carrying 5-7% chalcopyrite, 5% pyrite. There is minor malachite stain.

ACHS-2006-12(445424, 6239004) (float) Quartz carbonate float, semi-massive galena 3-4% pyrite and chalcopyrite.

ACHS-2006-13(445366, 6239006) (grab) Aphanitic, mafic volcanic with abundant, coarse grained quartz veins, 2-3% chalcopyrite and 10% pyrite.

ACHS-2006-14(445334, 6238881) (float) Weakly silicified sericite-andesite tuff with 5-10% pyrite.

ACHS-2006-15(445730, 6239246) (float) Quartz vein at least 40cm thick. Pervasive goethite stain, 3-5% pyrite

ACHS-2006-16(445730, 6239246) (float) Quartz carbonate vein with pervasive goethite stain and local iron-carbonate stain. 2-3% pyrite.

ACHS-2006-17(445706, 6239266) (float) Quartz carbonate vein. There is a stockwork in aphanitic volcanic with local goethite and manganese stain. Pyrite veinlets are in the quartz.

ACHS-2006-18(445698, 6239264) (old trench) Quartz carbonate vein stockwork in volcanic with pervasive manganese and goethite stain. The rock contains massive pyrite veins.

ACHS-2006-19(445698, 6239264) (old trench) Same as 18, minor malachite stain and minor chalcopyrite.

ACHS-2006-20(445644, 6239333) (grab) Black tuff/argillite outcrop. Pervasive goethite and manganese stain.

ACHS-2006-21(445597, 6239411) (grab) Quartz-vein, 30-50cm wide, minor galena, chalcopyrite, pyrite at 200°.

ACHS-2006-22(445627, 6239468) (float, likely from old trench) Quartz-stockwork andesitic volcanic manganese stain, 5-7% pyrite.

ACHS-2006-23(445663, 6239566) (float) Andesite volcanic, 8-10% pyrite strong goethite stain.

ACHS-2006-24(445667, 6239399) (float) Quartz carbonate vein, at least 30cm thick. Local manganese and iron carbonate stain. Minor pyrite.

ACHS-2006-25(445636, 6239359) (float) Quartz vein with pervasive goethite and minor manganese stain. Minor pyrite.

ACHS-2006-26(445535, 6239397) (float) Quartz carbonate vein. Pervasive iron carbonate and local manganese stain with minor pyrite.

ACHS-2006-27(445535, 6239397) (float) Quartz carbonate vein with iron carbonate stain and 2-5% galena, 2-5% sphalerite, 2-5% chalcopyrite.

ACHS-2006-28(445499, 6239343) (float) Massive quartz carbonate vein with iron-carbonate stain and 2-3% galena, minor sphalerite.

ACHS-2006-29(445484, 6239308) (old trench at 200°) Quartz-vein system, with large 1-2m veins and stringer stockwork.

ACHS-2006-30(445431, 6239321) (grab) Blast from old trench. Sample is from large quartz carbonate vein with local manganese stain, 2-5% galena, 2-3% chalcopyrite and 1-2% pyrite.

ACRP-2006-1(445592, 6239223) (float) Quartz vein 7-10% galena and chalcopyrite and strong limonitic staining, 3-4% pyrite.

ACRP -2006-2(445556, 6239184) (float) Intensely limonitic stained semi-massive pyrite with 5-10% chalcopyrite and minor galena.

ACRP-2006-3(445543, 6239165) (float) Quartz vein within fine-grained mafic volcanic. 15-20% chalcopyrite, 10-15% black shiny mineral possibly tetrahedrite, semi-massive pyrite

ACRP-2006-4(445494, 6239199) (grab) Quartz vein within mafic volcanic, minor pyrite, minor limonite staining.

ACRP-2006-5, 6+7(445487, 6239089) 1m cross-cuts of 3 10-40cm thick quartz branched vein. Minor pyrite, chalcopyrite and galena, intense staining. Shining black mineral, sphalerite or tetrahedrite. Veins trending approximately 95° and dipping nearly vertical

ACRP-2006-8(445715, 6239265) (float) Quartz-carbonate stockwork within heavily limonitic stained fine-grained black rock (argillite?) 5-7% galena, minor chalcopyrite and pyrite.

ACRP-2006-9(445715, 6239265) (float) Quartz stockwork within an intensely stained limonite/manganese country rock. 3-5% galena

ACRP-2006-10(445698, 6239292) (grab) Carbonate vein containing abundant chalcopyrite and pyrite. Vein is trending between 50-80 degrees.

ACRP-2006-11(445666, 6239286) (grab) Quartz-carbonate stringers within chlorite-sericite altered volcanic (manganese staining, no visible sulfide)

ACRP-2006-12(445602, 6239461) (trench, grab) Quartz-carbonate vein within chlorite-sericite altered green volcanic intense manganese staining

ACRP-2006-13(445602, 6239461) (grab) Quartz vein with clasts of manganese and limonitic stained felsic volcanic. Vein trending N/S banded 5-10 cm thick.

ACRP-2006-14(445602, 6239461) (float) Dark black argillite with pervasive carbonate stringers. Brown rusty staining.

ACRP-2006-15(445736, 6239486) (float) Intensely limonitic stained felsic volcanic manganese staining, 3-4% pyrite.

ACRP-2006-16(445685, 6239399) (float) 15cm thick quartz vein within chlorite-sericite altered volcanic 3-7% sphalerite, galena, minor pyrite and chalcopyrite. Intense manganese staining.

ACRP-2006-17(445601, 6239415) (grab) Quartz-carbonate vein 20-40cm thick trending N/S with abundant stringers branching from main vein. 2-3% galena, minor pyrite and chalcopyrite. Fine grained black- country rock- possible manganese staining.

ACRP-2006-18(445495, 6239431) (float) Quartz-vein with manganese staining, minor chalcopyrite

ACRP-2006-19(445486, 6239529) (float) Quartz vein with limonite manganese, hydrozincite staining, 1-3% galena, chalcopyrite and pyrite.

ACRP-2006-20(445463, 6239663) (float) Quartz veins containing abundant chalcopyrite, argillite, malachite staining, minor pyrite

AC-06-RP-21(445721, 6239240) (float) Mafic volcanic with fracture controlled quartz veins carrying galena, sphalerite and minor chalcopyrite. Strong limonite and manganese stain on surface of sample.

AC-06-RP-22(445692, 6239275) (float). Sample is massive siderite containing 5-7 % chalcopyrite with manganese, limonite and malachite staining on surface.

AC-06-RP-23(445682, 6239274) (Outcrop). Sample is from 15 – 20 cm quartz vein with minor carbonate. Sample contains 5 -10 % chalcopyrite and minor pyrite.

AC-06-RP-24(445679, 6239275) (Outcrop). Sample is from 45 quartz vein within mafic volcanic. It contains minor carbonate 1 – 3 % sphalerite, chalcopyrite and galena.

AC-06-RP-25(445679, 6239275) (Outcrop). Sample is from 45 quartz vein within mafic volcanic. It contains minor carbonate 1 – 3 % sphalerite, chalcopyrite and galena.

AC-06-RP-26(445679, 6239275) (Outcrop). Sample is from 45 quartz vein within mafic volcanic. It contains minor carbonate 1 – 3 % sphalerite, chalcopyrite and galena.

AC-06-RP-27(445679, 6239275) (Outcrop). Sample is from 45 quartz vein within mafic volcanic. It contains minor carbonate 1 – 3 % sphalerite, chalcopyrite and galena.

AC-06-RP-28(445679, 6239275) (float). Sample is quartz-carbonate with 45-50 % sphalerite and 1-3 % galena as well as minor chalcopyrite.

AC-06-RP-29(445679, 6239275) (float). Same as Sample 28. Sample is quartz-carbonate with 45-50 % sphalerite and 1-3 % galena as well as minor chalcopyrite.

AC-06-RP-30(445752, 6239280) (float). Same as Sample AC-06-SB-25.

AC-06-RP-31(445547, 6239175) (float). Semi – massive chalcopyrite and pyrite with minor manganese, azurite and malachite staining.

AC-06-RP-32(445525, 6239156) (float). Sample of quartz stockwork containing 10-12 % siderite and chalcopyrite. There is strong manganese staining on surface of rock.

AC-06-RP-33(445489, 6239152) (outcrop). Sample of quartz stockwork containing 15-20 % siderite and 7 % chalcopyrite. There is strong manganese staining on surface of rock.

AC-06-RP-34(445452, 6239058) (float). Sample of massive chalcopyrite rich rock with strong manganese and limonite staining on surface of rock.

AC-06-RP-35(445423, 6239060) (float). Sample of quartz stockwork with strong manganese and limonite staining on surface of rock and 3-5 % chalcopyrite.

AC-06-RP-36 and 37(445417, 6239057) (float). Sample of semi-massive chalcopyrite associated with siderite and strongly manganese stained rock.

AC-06-SB-21(445721, 6239240) (float). Sample of fine grained black siltstone with 40 % white quartz veins. It has strong manganese staining with 15 % semi-massive pyrite.

AC-06-SB-22(445702, 6239274) (float). Sample of fine grained black siltstone with strong manganese and goethite staining. It contains minor quartz veins with 5 % semi-massive pyrite and traces arsenopyrite.

AC-06-SB-23(445689, 6239276) (float). Sample of fine grained black siltstone with 5-6 % quartz and strong manganese and goethite staining. It contains 3 % disseminated pyrite.

AC-06-SB-24(445752, 6239280) (float). Sample of fine grained black siltstone with 65 % quartz and strong manganese and goethite staining. It contains minor disseminated pyrite.

AC-06-SB-25(445752, 6239280) (float). Sample of fine grained black siltstone with 20 % quartz and strong manganese and goethite staining. It contains minor disseminated pyrite that is up 1-2 %.

AC-06-SB-26(445560, 6239185) (float). Sample of strongly weathered fine grained black siltstone with 60 % quartz and strong manganese and goethite staining. It contains 5 % chalcopyrite and 1 % pyrite.

AC-06-SB-27(445560, 6239185) (float). Sample of fine grained black siltstone with 5-10 % quartz and strong manganese and goethite staining. It contains 2 % sphalerite, 2 % chalcopyrite and 1 % pyrite.

AC-06-SB-28(445560, 6239185) (float). Sample of fine grained black siltstone with 50 % quartz and weak manganese and goethite staining. It contains 5-10 % chalcopyrite and 2 % pyrite.

AC-06-SB-29(445525, 6239156) (float). Sample of fine grained black siltstone with 35 % quartz and strong manganese and goethite staining. It contains 10 % siderite, 1 % chalcopyrite and 8 % fine grained pyrite.

AC-06-SB-30(445497, 6239112) (float). Sample of fine grained black siltstone with 25 % quartz and strong manganese and goethite staining. It contains 2 % semi massive chalcopyrite and 3 % pyrite.

AC-06-SB-31(445459, 6239063) (float). Sample of fine grained black siltstone with 10 % quartz and strong manganese and goethite staining. It contains 3 % semi massive chalcopyrite and 8 % siderite.

AC-06-SB-32(445447, 6239054) (float). Same as SB 31.

AC-06-SB-33(445447, 6239054) (float). Sample of fine grained black siltstone with 3 cm wide vuggy quartz veins and strong manganese and goethite staining. It contains 4 % semi massive chalcopyrite and minor galena.

AC-06-SB-34(445440, 6239035) (float). Sample of fine grained black siltstone with 30 % quartz veins and strong manganese and goethite staining. It contains minor chalcopyrite and 1-2 % pyrite.

APPENDIX VI

ASSAY RESULTS – Geochemical sampling

Quality Assaying for over 50 Years

Assay Certificate

6V-1671-RA6

Page 1 of 2

SEP-27-06

Company: **Mountain Boy Minerals Ltd.**
Project:
Attn: **Randy Kasum**

We hereby certify the following assay of 24 rock samples
submitted Aug-11-06

Sample Name	Au g/tonne	Ag g/tonne	Cu %	Pb %	Zn %
AC-HB-06-01	0.38	1.4	0.008	0.06	0.13
AC-HB-06-02	9.86	129.2	1.31	2.53	0.57
AC-HB-06-03	21.93	364.2	3.48	4.38	2.11
AC-HB-06-04	51.64	219.0	0.539	0.90	0.27
AC-HB-06-05	0.07	10.8	0.008	0.29	0.30
AC-HB-06-06	21.35	354.2	1.18	0.21	0.03
AC-HB-06-07	20.76	2450.0	3.29	0.29	0.07
AC-HB-06-08	5.73	124.5	0.168	3.11	0.05
AC-HB-06-09	33.65	139.5	0.713	0.29	0.10
AC-HB-06-10	70.74	1219.0	2.92	0.53	0.38
AC-HB-06-11	3.29	82.0	0.258	0.11	0.27
AC-HB-06-12	1.02	129.5	0.152	0.02	0.07
AC-HB-06-13	0.94	41.3	0.257	0.03	0.06
AC-HB-06-14	0.10	2.2	0.007	0.01	<0.01
AC-HB-06-15	0.04	2.4	0.003	0.01	<0.01
AC-HB-06-16	0.32	5.3	0.011	0.02	0.27
AC-HB-06-17	2.15	18.5	0.256	0.03	0.01
AC-HB-06-18	10.56	265.9	1.54	0.17	0.05
AC-HB-06-19	17.16	341.8	2.49	0.09	0.07
AC-HB-06-20	0.04	4.5	0.022	0.02	0.02
AC-HB-06-21	5.33	6.3	0.048	0.24	0.53
AC-HB-06-22	0.33	1.3	0.004	0.01	0.02
AC-HB-06-23	0.05	2.1	0.021	0.01	0.01
AC-HB-06-24	10.14	11.5	0.096	0.98	0.84
*DUP AC-HB-06-01	0.40	2.0	0.008	0.06	0.13
*DUP AC-HB-06-10	63.18	1233.0	2.93	0.53	0.37
*DUP AC-HB-06-20	0.05	3.7	0.021	0.02	0.02
*Au5	1.40				
*CCu-1c		127.4			3.94
*KC-1a			0.627	2.22	

Certified by

Creating Accuracy for over 20 Years

Assay Certificate

6V-1671-RA8

Company: **Mountain Boy Minerals Ltd.**
Project:
Attn: **Randy Kasum**

Sep-27-06

We hereby certify the following assay of 20 rock samples submitted Aug-11-06

Sample Name	Au g/tonne	Ag g/tonne	Cu %	Pb %	Zn %
AC-SB-06-01	0.44	1.6	0.010	0.01	0.03
AC-SB-06-02	6.79	3.5	0.009	0.01	0.07
AC-SB-06-03	6.40	193.9	1.31	0.27	0.05
AC-SB-06-04	16.98	1084.0	1.38	0.36	0.09
AC-SB-06-05	13.51	107.3	1.19	0.13	0.06
AC-SB-06-06	10.81	222.6	1.43	0.20	0.21
AC-SB-06-07	0.34	10.4	0.117	0.01	0.12
AC-SB-06-08	3.77	52.0	0.547	0.14	0.22
AC-SB-06-09	0.65	11.2	0.096	0.01	0.02
AC-SB-06-10	63.30	436.2	1.44	0.26	0.05
AC-SB-06-11	1.55	17.9	0.061	0.05	0.02
AC-SB-06-12	3.90	85.2	1.88	0.41	1.17
AC-SB-06-13	0.02	1.0	0.007	0.01	0.01
AC-SB-06-14	0.12	0.2	0.018	0.01	0.05
AC-SB-06-15	0.01	1.9	0.011	0.07	0.30
AC-SB-06-16	0.03	0.2	0.002	<0.01	0.01
AC-SB-06-17	0.01	0.1	0.001	0.01	0.01
AC-SB-06-18	0.03	0.1	0.001	0.01	<0.01
AC-SB-06-19	1.79	8.9	0.130	0.01	0.01
AC-SB-06-20	0.37	4.1	0.046	0.01	<0.01
*DUP AC-SB-06-01	0.41	2.2	0.010	0.01	0.03
*DUP AC-SB-06-10	59.50	435.1	1.45	0.26	0.05
*DUP AC-SB-06-20	0.42	3.7	0.047	0.01	<0.01
*Au5	1.44				
*CCu-1c		127.6			3.99
*KC-1a			0.633	2.26	
*BLANK	<0.01	<0.1	<0.001	<0.01	<0.01

Certified by



Quality Assurance for over 25 Years

Assay Certificate

6V-1671-RA9

Company: **Mountain Boy Minerals Ltd.**
Project:
Attn: **Randy Kasum**

Sep-27-06

We hereby certify the following assay of 20 rock samples submitted Aug-11-06

Sample Name	Au g/tonne	Ag g/tonne	Cu %	Pb %	Zn %
AC-06-RP-01	2.27	86.9	1.25	0.02	0.03
AC-06-RP-02	8.48	139.6	0.586	0.11	0.05
AC-06-RP-03	15.75	153.4	1.75	0.10	0.08
AC-06-RP-04	0.07	1.5	0.011	0.02	0.09
AC-06-RP-05	0.11	8.6	0.008	0.19	3.66
AC-06-RP-06	0.12	4.5	0.004	0.12	0.23
AC-06-RP-07	0.04	1.2	0.005	0.02	0.31
AC-06-RP-08	0.13	281.1	0.081	0.47	1.94
AC-06-RP-09	0.03	1.5	0.003	0.04	0.12
AC-06-RP-10	13.53	84.9	1.54	0.20	0.33
AC-06-RP-11	0.04	0.1	0.007	0.01	0.01
AC-06-RP-12	0.08	0.1	0.004	0.01	0.03
AC-06-RP-13	0.20	0.3	0.003	0.01	0.01
AC-06-RP-14	0.03	1.9	0.001	0.01	0.01
AC-06-RP-15	0.01	0.5	0.001	0.01	0.01
AC-06-RP-16	0.08	64.6	0.005	0.89	5.60
AC-06-RP-17	12.35	11.2	0.054	0.50	0.78
AC-06-RP-18	0.41	2.3	0.001	0.02	0.05
AC-06-RP-19	3.84	98.0	0.386	0.10	0.21
AC-06-RP-20	7.55	11.4	0.804	0.01	3.28
*DUP AC-06-RP-01	2.09	87.9	1.22	0.02	0.03
*DUP AC-06-RP-10	13.43	84.9	1.48	0.20	0.33
*DUP AC-06-RP-20	7.24	12.8	0.800	0.01	3.29
*Au5	1.45				
*CCu-1c		129.8			4.01
*KC-1a			0.628	2.22	
*BLANK	<0.01	<0.1	<0.001	<0.01	<0.01

Certified by



Quantity Assaying for over 30 Years

Assay Certificate

6V-1671-RA7

Company: **Mountain Boy Minerals Ltd.**
Project:
Attn: **Randy Kasum**

Sep-27-06

We hereby certify the following assay of 6 rock samples submitted Aug-11-06

Sample Name	Au g/tonne	Ag g/tonne	Cu %	Pb %	Zn %
AC-HB-06-25	0.45	3.8	0.002	0.01	0.04
AC-HB-06-26	1.04	1.7	0.004	0.02	<0.01
AC-HB-06-27	10.34	13.0	0.120	1.09	3.83
AC-HB-06-28	1.77	5.3	0.016	0.31	0.51
AC-HB-06-29	0.02	0.7	0.002	<0.01	<0.01
AC-HB-06-30	0.12	8.8	0.142	<0.01	<0.01
*DUP AC-HB-06-25	0.43	3.7	0.002	0.01	0.04
*Au5	1.48				
*CCu-1c		129.5			3.95
*KC-1a			0.623	2.24	
*BLANK	<0.01	<0.1	<0.001	<0.01	<0.01

Certified by



Quality Assaying for over 20 Years

Assay Certificate

Company: **Mountain Boy Minerals Ltd.**
Project: **FR**
Attn: **Randy Kasum**

6V-2294-RAI

Page 1 of 2

Nov-11-06

We hereby certify the following assay of 24 rock samples submitted Sep-13-06

Sample Name	Au g/tonne	Au-Grav g/tonne	Ag g/tonne	Cu %	Pb %	Zn %
FR 1	0.02		0.2	0.003	<0.01	<0.01
FR 2	0.16		0.4	0.004	0.01	<0.01
FR 3	5.44		8.3	0.052	0.50	<0.01
AFR-4	0.01		0.2	0.002	0.01	0.01
AFR-5	0.01		5.5	0.018	0.02	0.02
AFR-6	12.69	11.22	119.2	0.147	0.24	0.01
AFR-7	2.76		134.9	0.701	0.08	<0.01
AFR-8	3.27		265.5	0.162	0.12	0.01
AFR-9	236.6	247.2	1733.0	11.24	0.79	0.01
AFR-10	0.18		6.7	0.027	<0.01	0.02
AFR-11	0.41		5.2	0.234	0.01	0.01
AFR-12	0.02		0.3	0.005	0.01	0.01
AFR-13	0.02		0.2	0.004	<0.01	0.01
AFR-14	<0.01		0.2	0.005	0.01	0.01
AFR-15	0.25		2031.0	0.405	1.42	0.01
AFR-16	0.03		206.7	0.008	3.30	0.02
R.P.-06-FR 1	0.01		151.0	0.003	0.17	0.02
R.P.-06-FR 2	<0.01		24.9	0.002	0.12	0.01
R.P.-06-FR 3	0.01		40.4	0.003	0.05	0.02
R.P.-06-FR 4	<0.01		302.1	0.002	0.19	0.01
R.P.-06-FR 5	0.02		28.1	0.002	0.01	0.02
RFR-2006-HS1	0.01		33.0	0.001	0.02	0.01
RFR-2006-HS2	0.01		28.0	0.002	0.01	0.01
RFR-2006-HS3	0.01		0.1	0.002	<0.01	0.01
*DUP FR 1	0.01		0.2	0.002	<0.01	<0.01
*DUP AFR-10	0.16		7.2	0.025	<0.01	0.02
*DUP R.P.-06-FR 4	<0.01		297.1	0.002	0.19	0.01
*Au5	1.44					
*CCu-1c			127.2			3.94
*KC-1a				0.625	2.24	

Certified by



Quality Assaying for over 20 Years

Assay Certificate

6V-2538-RA1

Page 1 of 2

Dec-01-06

Company: **Mountain Boy Minerals Ltd.**
Project: **FR**
Ass: **RandyKasum**

We hereby certify the following assay of 24 rock samples submitted Nov-01-06

Sample Name	Au g/tonne	Au-grav g/tonne	Ag g/tonne	Cu %	Pb %	Zn %
AC-06-RP21	0.09		34.3	0.055	0.22	1.21
AC-06-RP22	0.72		8108.0	7.99	0.04	0.72
AC-06-RP23	10.75	9.93	197.4	2.65	0.24	0.25
AC-06-RP24	0.84		908.0	0.366	0.52	1.93
AC-06-RP25	5.95		376.6	0.235	5.95	14.7
AC-06-RP26	1.49		114.2	0.323	0.09	9.30
AC-06-RP27	0.92		76.0	0.245	0.87	6.90
AC-06-RP28	6.79		479.5	0.294	4.82	25.3
AC-06-RP29	9.16		699.4	0.566	15.7	13.4
AC-06-RP30	5.73		277.4	1.17	0.28	0.36
AC-06-RP31	21.00	20.60	261.5	4.19	0.42	0.35
AC-06-RP32	11.85	11.40	160.9	2.05	0.04	0.07
AC-06-RP33	22.81	21.33	267.7	3.57	0.20	0.10
AC-06-RP34	24.62	25.60	437.5	7.84	0.26	0.04
AC-06-RP35	8.32		149.7	2.73	0.18	0.06
AC-06-RP36	17.12	18.53	145.0	3.72	0.08	0.05
AC-06-RP37	27.25	23.07	285.0	12.3	0.13	0.11
FR-06-1	51.64	47.20	709.8	5.72	0.54	0.12
FR-06-2	15.27	15.70	3505.0	3.61	1.26	2.39
FR-06-3	0.71		37.6	0.191	0.03	0.44
FR-06-4	9.67		695.2	1.71	0.74	0.09
FR-06-5	0.09		9.2	0.018	0.28	1.20
FR-06-6	0.24		155.9	0.036	5.23	0.57
FR-06-7	0.01		2.6	0.009	0.02	0.04
*DUP AC-06-RP21	0.08		34.0	0.060	0.23	1.19
*DUP AC-06-RP30	5.27		277.9	1.16	0.29	0.35
*DUP FR-06-3	0.65		34.9	0.195	0.02	0.43
*AuS	1.50					
*CCu-1c			127.6			4.05
*KC-1a				0.634	2.23	

Certified by



Quality Assurance for over 25 Years

Assay Certificate

6V-2538-RA2

Company: **Mountain Boy Minerals Ltd.**
 Project: **FR**
 Attn: **Randy Kasum**

Dec-01-06

We hereby certify the following assay of 7 rock samples submitted Nov-01-06

Sample Name	Au g/tonne	Au-grav g/tonne	Ag g/tonne	Cu %	Pb %	Zn %
FR-06-8	25.95	25.47	98.0	0.444	0.17	0.10
FR-06-9	54.00	54.47	805.2	2.91	1.05	2.83
FR-06-10	23.06	22.20	649.4	3.95	0.34	0.65
FR-06-11	20.11	20.00	189.7	1.26	0.15	0.08
FR-06-12	14.92	15.47	78.3	0.423	0.19	0.06
FR-06-13	144.3	149.4	875.0	8.87	3.06	6.30
FR-06-14	41.80	43.80	2502.0	5.80	4.96	2.62
*DUP FR-06-8	27.11		100.4	0.435	0.18	0.10
*Au5	1.48					
*CCu-1c			128.8			4.05
*KC-1a				0.633	2.25	
*BLANK	<0.01		<0.1	<0.001	<0.01	<0.01

Certified by



Quality Assaying for over 25 Years

Assay Certificate

6V-2666-RA1

Company: **Mountain Boy Minerals Ltd.**
 Project: **FR**
 Attn: **Randy Kasum**

Dec-16-06

We hereby certify the following assay of 15 rock samples submitted Oct-26-06

Sample Name	Au g/tonne	Au-Grav g/tonne	Ag g/tonne	Cu %	Pb %	Zn %
FR-06-15	0.23		31.6	0.306	0.02	0.15
AC-06-SB-21	10.84	NES	38.2	0.075	0.05	0.05
AC-06-SB-22	1.52		14.1	0.063	0.04	0.07
AC-06-SB-23	1.63		93.7	0.148	1.12	0.94
AC-06-SB-24	0.04		4.8	0.011	0.04	0.13
AC-06-SB-25	0.15		5.3	0.008	0.02	0.02
AC-06-SB-26	17.37	NES	397.7	1.44	0.07	0.17
AC-06-SB-27	23.26	23.83	91.1	0.161	0.31	0.09
AC-06-SB-28	12.05	NES	276.5	2.29	0.15	0.03
AC-06-SB-29	36.06	30.58	326.0	0.420	1.10	0.28
AC-06-SB-30	7.95		101.9	0.614	0.05	0.26
AC-06-SB-31	8.22		74.7	1.59	0.07	0.02
AC-06-SB-32	4.90		67.5	2.02	0.03	0.01
AC-06-SB-33	11.54	NES	180.3	1.42	0.75	1.39
AC-06-SB-34	2.99		24.0	0.076	0.10	0.07
*DUP FR-06-15			32.9	0.309	0.02	0.14
*DUP AC-06-SB-23	1.65					
*DUP AC-06-SB-29			322.4	0.418	1.10	0.28
*DUP AC-06-SB-31	8.23					
*OxH37	1.26					
*CCu-1c			128.5			4.03
*KC-1a				0.632	2.22	
*BLANK	<0.01		<0.1	<0.001	<0.01	<0.01

Certified by _____ 