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BC Geological Survey

Assessment Report
Title Page and Summary

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

TOTAL COST: $5355.0

AUTHOR(S): E. Kruchkowski **SIGNATURE(S):**

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

YEAR OF WORK: 2016

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): Event # 5617675 September 8/2016

PROPERTY NAME: MB Silver

CLAIM NAME(S) (on which the work was done): 2538823, 253825 and 253826

COMMODITIES SOUGHT: silver -base metals-barite

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN:

MINING DIVISION: skeena **NTS/BCGS:** 104A/4W

LATITUDE: 56 ° 09 ' " **LONGITUDE:** 129 ° 55 ' " **(at centre of work)**

OWNER(S):

1) Mountain Boy Minerals Ltd 2)

MAILING ADDRESS:

Box 859, Stewart BC

V0T 1W0

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

1) Mountain Boy Minerals Ltd 2)

MAILING ADDRESS:

Box 859, Stewart BC

V0T 1W0

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

Replacement type mineralization with barite, jasper, carbonates that contain silver bearing minerals with sphalerite and lesser galena and chalcopyrite. Mineralization is along NW trending structures within the Betty Creek formation of Jurassic age.

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS:

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TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for...)			
Soil			
Silt			
Rock	33	30 element ICP	
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY / PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST:	$5,355.00

BC Geological Survey
Assessment Report
36417

Assessment Report On
Exploration Program On:

Hard Money RCG Mineral Claim # 253823
Mountain Boy RCG Mineral Claim # 253825
American Girl RCG Mineral Claim # 253826

Statement of exploration# 5617675

Located
22 kilometres North of
Stewart, British Columbia in
Skeena Mining Division

NTS 104A/4W
LATITUDE 56 09'N
LONGITUDE 129 55'W

On Behalf of
Mountain Boy Minerals Ltd
Stewart, BC

by

Edward Kruchkowski, B.Sc., P. Geo.

31 January 2017

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LIST OF APPENDICES

SUMMARY

The Mountain Boy property is located about 22 kilometers north of Stewart, British Columbia in the Skeena Mining Division. The property covers an area of Hazelton pyroclastic volcanic rocks in contact with a variety of intrusive plutons associated with the main Coast Range Batholith.

The property contains approximately 1025 hectares in 7 separate claims. There is a total of 105,555 tonnes grading 0.064 % Cu, 0. 68 % Pb, 2.01 % Zn, 208.9 g/t Ag and 13.59 % BaSO4 outlined in 3 different vein. This resource is non-NI 43-101 compliant and should be used for reference purposes only.

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 and gold-silver deposits, in a variety of geological settings, including the producing Eskay Creek Mine and past producing Snip, Premier-Big Missouri, Granduc, Scottie Gold and SB properties.

Mineralization on the property consists of at least seven main (Mann, High Grade, No. 3, DeMann, Franmar, Four Bees and South Mann) and four minor (North, WoMann, Waterfall and Fault Breccia) replacement zones tested with trenches, previous open cuts and/or adits. The mineralization occurs along wide bodies consisting of mainly barite, quartz, jasper, carbonates (calcite, siderite, rhodochrosite and possibly smithsonite and witherite) and sulfides (sphalerite, galena and minor chalcopyrite, bornite, tetrahedrite, jamesonite, covellite, acanthite, stromeyerite and greenockite) as well as inclusions of altered country rock. Native silver occurs along a zone traced for at least 20 meters of strike length on the High Grade vein. Secondary weathering minerals namely malachite, azurite and hydrozincite are common particularly in underground workings and along surface fractures.

The sulfides occur in the replacement bodies as coarse grains, wispy stringers and semi-massive veinlets associated with discrete lenses and stringers of quartz rich material bound by low sulfide bearing barite and calcite. High sulfide content appears to be directly dependent on quartz or silica content. Sphalerite is by far the most dominant sulfide and comprises over 70 % of the sulfide content. Highest sulfide values do not necessarily yield the highest silver values.

During the period, August 1 to September 5, 2016 a total of 33 rock samples; 30 bedrock and 3 float, were collected and analyzed using ICP methods. Any base metal and precious results that were over ICP detection limits were assayed. Samples were collected from the hanging wall areas of the Mann and High Grade vein areas. Both veins are replacement type mineralization in the red tuffs of the Betty Creek Formation.

High Grade zone: A total of 13 grab samples were collected along the vein which is up to 4 m wide. The zone is exposed along 50 m of hillside. The values varied from 95 –

31,192 g/t Ag, 0.07 – 9.94 % Zn, 0.02 – 7.42 % Cu and 0.03 – 7.36 % Pb. The average values were 4,795.16 g/t Ag, 3.35 % Zn, 0.837 % Pb and 1.38 % Cu. The 2 highest values were 31,192 and 21,400 g/t Ag from a zone of cross faulting cutting the High Grade zone. This new mineralization was exposed along the creek bottom which had been scoured by heavy rains. This new zone has massive acanthite (silver sulphide) stringers over 0.6 m of width.

Mann zone: A total of 17 grab samples were collected from the hanging wall area of the Mann vein. The vein which is up to 13 m wide has been traced over 200 m of strike and 70 m of height. The values varied from 45 – 12,758 g/t Ag, 0.29 – 22.87 % Zn, 0.07 – 1.0 % Cu and 0.04 – 19.88 % Pb. The average values were 750.48 g/t Ag, 9.02 % Zn, 2.61 % Pb and 0.303 % Cu. Sampling of 3 float rocks in a gulley north of the Mann zone gave up to 582 g/t Ag, 3.93 % Cu and 12.65 % Zn. These values indicate another mineralized zone above the Mann in an area obscured by vegetation.

The zones are barite rich replacement zones that occur 150 m apart.

It is recommended that the next exploration phase consist of further to test the Mann zone beneath the underground workings and 2016 sampling.

Estimated cost of the program is $300,000.00.

INTRODUCTION

Mountain Boy Minerals Ltd owns a 100% interest in the MB Silver property. This report is being prepared in order to summarize the 2016 sampling on the property.

Location and Access

The claims in the property are contiguous and are located about 22 kilometers north of Stewart, British Columbia in the American Creek valley. The claim area is approximately 56 degrees 09 minutes latitude and 129 degrees 55 minutes longitude on NTS sheet 104A/4W. Figure 1 shows the location of the claim area.

Access to the property at the present time is by road and/or helicopter from Stewart about 22 kilometers to the south of the claim area. Nearest major road is the paved Highway 37A running between Stewart and Meziadin Junction which passes within 7 kilometers of the northern portion of the property. Two-wheel drive vehicle access is possible to within 1 kilometer of the Mann workings at an elevation of approximately 425 meters above sea level along the American Creek valley. From the valley bottom, a 1-kilometer 4-wheel drive road provides access to the Mann workings.

Physiography and Topography

The area of the Mountain Boy property claims encompasses steep mountain slopes typical of the Coast Range region of British Columbia. The property is situated along the

eastern slope of Bear Ridge and includes the west slope of the American Creek valley. Slopes range from moderate to precipitous. Elevations vary from about 300 meters along American Creek to about 1700 meters along Bear Ridge on the Stromeyerite 2 claim. Between 300 meters to 1000 meters elevation above sea level, the property is cut by a series of steep gullies giving rise to a series of hog back ridges. These ridges consist of 20 - 30 meter vertical rock faces with grasses and alders growing on talus between the rock faces. At approximately 1000 meters elevation, the steep gullies terminate in nearly vertical rock faces. Above the top of these gullies, the topography becomes gentler with grasses and clumps of hemlock covering the slopes. A large creek, the Mountain Boy (Ruby) is present along the south portion of the claim area. Creek walls are locally vertical along this stream. Easy access to the upper slopes is along grassy slopes north of the Mountain Boy Creek and south of the area of the mineralized zones.

The upper slopes of the property above 1500 meters are mainly rock outcrops, talus slopes and permanent snow patches.

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 willow grows in patches along the talus, moraine and outcrops in the upper regions of the property.

PROPERTY OWNERSHIP

The property consists of 4 reverted Crown Grants and 37 units in 3 modified grid claims totaling 1025 ha.. Due to overlap over existing reverted Crown Grants, the modified grid claims only contain approximately 50% of the area claimed. Relevant claim information is summarized below:

Name	**Tenure #**	**Units**	Expiry Date
Hard Money	253823	1	22 March 2019
Northern Belle	253824	1	22 March 2019
Mountain Boy	253825	1	22 March 2019
American Girl	253826	1	22 March 2019
Stromeyerite 1	354133	18	08 March 2019
Stromeyerite 2	356397	15	08 June 2019
Stromeyerite 3	361179	4	10 January 2019

Claims location is shown in Figure 2 copied from MINFILE database. All the claims are situated in the Skeena Mining Division in the Province of British Columbia.

The claims are owned 100 % by Mountain Boy Minerals Ltd.

PREVIOUS WORK

The section on previous work has been excerpted from a report by McIntyre as follows:

"The property was first staked in 1902 after high grade silver ore was discovered in the valley of American Creek.

In 1908 the claims were acquired by Sir Donald Mann of Canadian Northern Railway fame. His company's work resulted in the location of the Mann Vein and other mineralized showings.

The Mountain Boy Mining Company owned a claim group in 1910, which included the key Mountain Boy, Hard Nut and Northern Belle claims. The claims were acquired by Pacific Coast Exploration Company, which carried out exploration on all of the claims but concentrated on the Mountain Boy claim where the Mann adit was driven for 150 feet with 25 feet of crosscutting and a 10-foot winze.

A second level was controlled below and driven under the upper workings where similar material was encountered. An adit was collared on the Hard Nut claim and driven for 70 feet on an 11.5 foot wide mineralized zone. Work on the Northern Belle consisted of drifting totaling 32 feet in length. The zone contained quartz and galena across a width of 18 feet. A second occurrence of the Northern Belle some 35 feet wide, was prepared for underground development but none was done.

During the First World War in 1914, the Pacific Coast Exploration Company returned the property to the owners. Some prospecting was carried out over the next few years.

In 1920 the key claims were Crown granted and little was done until 1927 when the property was optioned to William Tolin and the Pat Daly Mining Company was organized to carry out further exploration and development. The High Grade Vein was discovered and was believed to have been the source of high-grade float previously found in 1908. Four tons of sorted material was shipped which assayed 949.5 oz silver per ton. Other veins were also encountered.

Between 1928 and 1930, most of the present workings were completed and numerous geological reports were written on the property. The Mountain Boy Mining Company further developed the Mann Adit to a length of 200 feet with 25-foot crosscuts from the footwall to the hanging wall. The High Grade Vein was explored by the driving of two adits. The vein was faulted off and crosscutting to the east and west failed to locate the faulted sections. It was planned to test High Grade Vein from the Mann workings.

In July 1928, the Daly adit was driven to test the High Grade Vein at depth. The Fagan adit was driven in 1929 to also test the same vein. In 1930, the Tolin adit was collared and driven from a point 70 feet below and to the east of the Mann adit to explore the Mann vein and it was planned to continue the drive to facilitate exploration of the High Grade Vein. A raise to the Mann adit connected the Tolin adit.

Some mining was carried out as late at 1939 and a little prospecting was done up to 1943.

During the early era between 1928 and 1938, some 60 tons of hand sorted high grade was shipped with an average reported grade of 547 oz/tons silver, 3.1% lead and 2.9% copper.
In 1947 Van Sea Ventures Ltd. diamond drilled two short holes on a structure to the north of the Mann orebody.

In 1976, Mr. R.F. Schumacher carried out prospecting and sampling. In 1978, Northern Lights Resources Ltd. (N.P.I.) drilled one diamond hole to test the Mann vein at depth.

During 1981, Pride Resources Ltd. upgraded 4.8 kilometers of the road leading up American Creek from the Stewart highway. This included the construction of a long bridge over the lower end of American Creek and another crossing a tributary creek. This work failed to reach the property.

In late 1983, Pride Resources Ltd. carried out a prospecting, sampling and diamond-drilling program supported by helicopter from Stewart. Surface exposures of the High Grade Vein in the vicinity of the Daly and Fagan adits were sampled. The underground exposures of the Mann orebody in the Mann adit were sampled. Three short diamond drill holes were put down at the portal of the Mann adit to test the extent of the ore below the surface exposure.

In 1997, Ranmar Ventures Ltd. acquired rights to the four key claims in which the Mann and High Grade ore structures occur. They carried out a very extensive re-building of the access road from the Stewart highway to a point in the valley immediately below the Mann adit. This followed along the road previously built by Pride Resources. They then constructed a bulldozer trail, with switchbacks up the talus slope to the Mann adit suitable for 4-wheel drive vehicles. In addition, they drilled and blasted a single round of the Mann ore at the adit to provide fresh exposure and a bulk sample of the ore. A few tons of hand-sorted ore were bagged and transported to a work area at the base of the talus.

In the early summer of 1998, this company carried out further extensive improvements to the road from the Stewart highway to the work area below the Mann adit, through the application of large amounts of gravel and fine grading."

During the period 1997 - 1998, Ranmar Ventures Ltd. conducted a program consisting of road building, bulk sampling and reconnaissance work to locate all the underground workings and reported mineral occurrences. A total of 7 km of road along with bridgework was completed to the base of the Mountain Boy property. Then approximately 1 km of 4-wheel drive road was constructed to the portal of the Mann Tunnel. A total of 200 tons of zone material was extracted and trucked to the paved highway 37A. Sampling by Ranmar has yielded values ranging from 32.4 - 24,149 g/tonne Ag (1.04 - 776.5 oz/tonne), 0.221 - 0.785% Cu, 0.45 - 0.48% Pb and 0.89 - 9.70% Zn in random grabs from the muck piles after successive blasts.

Grab sampling by Ranmar from surface on the High Grade zone has yielded 24.4 - 29,568 g/tonne Ag (0.78 - 950.7 oz/tonne), 6.5% Cu and 2.91% Zn. Sampling by Ranmar on the surface showings along the High Grade zone confirmed the previous results obtained by past explorers. It should be noted that all samples were run for silver while only several samples were analyzed for Cu, Pb or zinc. Sampling by Ranmar on the part of the 200-ton sample stored on Highway 37A has yielded a grade of approximately 15.8 oz/tonne (492 g/tonne) silver with 4 - 5% Zn.

Grab sampling by Ranmar of three bornite-chalcopyrite-acantithe boulders returned assays ranging from 740 -14900 g/tonne (23.8 - 479.1 oz/tonne) silver, 7.41 - 9.51 % Cu, 0.11 - 0.15 % Pb and 5.43 - 11.10 % Zn. It should be noted that not all the samples from the boulders were assayed for Zn, Pb and Cu.

During July to November 1999, an exploration program including mapping of the veins, underground sampling, preliminary geological mapping of the rocks, trenching was completed. In addition, this program included trail and road building, bulk sampling and locating all previous adits as well as clearing of all located portal areas. Based on high silver assays from the High Grade vein, a 13.6 tonne (15 ton) sample was extracted from the High Grade vein during 1999 and shipped to the Cominco smelter at Trail, B.C. Sampling of the bulk sample by Mountain Boy Minerals indicated a grade of 15,920-g/tonne (511.9-oz/tonne) silver, 2.14% copper and 2.45 % lead. Results from the smelter indicate a value of 18,854-grams/tonne silver (550 oz/ton), 1.1 % zinc and 2.5 % lead.

During August to September 2000, an exploration including with minor surface sampling and diamond drilling was completed. Two BTW drill holes totaling 268.3 meters, one located at the Cameron portal was designed to intersect an off-shoot of the Mann vein and the other on the east side of the 4-Bees vein were completed. Because of the flat westerly dip of both hole, neither hit the intended target. Encouraged by the high grading results in 1999, Mountain Boy extracted 38 tonnes of hand cobbed mineralization in 2000 and shipped to the smelter. Final settlement is in dispute and there is a legal action between Cominco and Mountain Boy

During July to September 2000, an exploration including bulk sampling with minor surface sampling was completed. Nineteen BTW drill holes totaling 605.79 meters were completed. Twelve holes were from a pad immediately west of the area of high grading on the High-Grade vein. Five holes were off a second pad approximately 26 meters west of pad one but much higher in elevation. Two holes tested narrow chalcopyrite bearing quartz veinlets along a basalt/rhyolite contact.

In 2006, a total of 888.7 m of BTW drilling was completed in 4 different set-ups. Two holes were drilled to test copper-gold mineralization 300 m above the High Grade vein. A drill station was blasted out below the High Grade vein and 14 holes drilled from this station using an underground drill to fan a series of holes from this location into the High Grade Vein Two holes tested below the high Grade vein and 3 holes tested the Mann zone extension. Best results were from the High Grade vein with DDH-2006-19 yielding 8.53 m of 2260.0 g/t and DDH-2006-10 yielding 5.18m of 5258.0 g/t Ag. One of the

holes drilled to test the SW extension of the Mann vein intersected 7.01 metres of 281.7 g/t silver.

During the period, August 1 to October 7, 2011 a total of 2381.21 meters of BTW diamond drilling was completed in 36 holes from 3 different pads. Some of the better intersections were 396.33 g/t Ag over 4.57 m in DDH-MB-2011-1 and 4.42 m of 117.98 g/t silver in DDH-MB-2011-9 in the Mann zone. Low silver values were intersected in the splay zones.

Personnel and Operations

During the sampling program, all personnel were accommodated in Stewart, BC.

Access to the property was via pick- up truck to the American Creek road and then via 6-wheel drive Polaris Rangers. Access was to the bottom of the Mann zone and then by foot to the top of the Mann zone as well as the High Grade zone 150 m higher. E. Kruchkowski, geologist accompanied by Steve Stannus, was responsible for collecting the samples. All samples were assayed by Loring Laboratories Ltd in Calgary

GEOLOGICAL SURVEYS

Regional Geology

The MB Silver property lies along the eastern edge of the Coast Crystalline Complex within the western boundary of the Bowser Basin. Rocks in the area belong to the Mesozoic Stuhini Group, Hazelton Group and Bowser Lake Group that have been intruded by plugs of both Cenozoic and Mesozoic age. Portions of the Stewart area are underlain by Triassic age Stuhini Group (Greig, C.F, 1994). The Stuhini Group rocks are either underlying or in fault contact with the Hazelton Group. These Triassic age rocks consist of dark gray, laminated to thickly bedded silty mudstone, and fine to medium grained and locally coarse-grained sandstone. Local heterolitic pebble to cobble conglomerate, massive tuffaceous mudstone and thick-bedded sedimentary breccia and conglomerate also form part of the Stuhini Group.

At the base of the Hazelton Group is the lower Lower Jurassic Marine (submergent) and non-marine (emergent) volcaniclastic 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 minor 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 trough filling 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 calcarenite rocks, 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 gray to black clastic rocks including silty mudstone and thick beds of massive, dark green to dark gray, 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. Alldrick'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 located in the Mitchell Glacier and Knipple Glacier areas.

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 is 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-over thrusts on strikes parallel to the major fold axis, cross-axis steep angled faults which locally turn beds, selective tectonization of tuff units and major northwest faults which turn beds. A portion of Alldrick's mapping for the BC Geological Survey which covers the property and adjacent areas is presented in Figure 3.

Local Geology

Figure 4 shows the general property geology as mapped by Grove in BCEMPR Bulletin 58.

According to Grove, the area of the reverted Crown Grants and Stromeyerite 1 claim is underlain by Lower Middle Jurassic rocks of the Hazelton Assemblage. Red and green volcanic conglomerate and sandstone of the Betty Creek Formation occur in a north trending belt. To the west of the reverted Crown Grants, Middle Upper Jurassic rocks of the Bowser Assemblage overly the Hazelton Assemblage. Green, red and black volcanic breccia is overlain by green, red and buff volcanic sandstone, conglomerate and breccia which in turn is overlain by sediments consisting of siltstone, greywacke, argillite, chert and calcarenite to the west. Dip measurements by Grove indicate a 20 - 40 degree dip to the west for the Bowser Assemblage.

During the program of locating and sampling the various vein systems; both on surface and in adits, preliminary mapping was conducted. Survey control was provided by chain and compass distances from known underground workings and previous trenches. The area of the known veins is predominantly underlain by outcrop except at lower elevations. Minor talus along the gulches and alder patches along ridges obscure the geology above the Mann adit level.

The area in the immediate area of the sampling along the west side of American Creek contained three main rock units. These consisted of a lower undivided red to maroon fragmental andesite overlain by a sericitic, pyritic volcanic that was weakly silicified. This unit in turn is overlain by coarse red to green volcanic agglomerate to the west. Mineralized vein systems appear to be restricted to the lower red to maroon fragmental volcanic. Narrow diabase dykes were noted cutting both the mineralization and country rocks. Post mineral faults are common but appear to have little or no apparent slip movement.

The lower undivided red and maroon volcanics consist of interbedded tuffs, volcanic breccia and thinly bedded volcanic sandstones. The unit was noted over elevations ranging from 640 to 920 meters above sea level. The unit is very calcareous and is generally highly sheared and very chloritic. Commonly specularite occurs along slip faces; derived from the hematite rich volcanics. Locally numerous barren quartz veinlets occur across short distances and across widths up to 2 meters. Individual veinlets vary from 1 to 6 cm and comprise up to 30% of the rock. Minor spotty rhodochrosite as well as abundant calcite veinlets 1-2 cm wide were noted throughout the area surveyed. Local strong epidote patches are common within the volcanic breccias, particularly as alteration of feldspars in the clasts.

The volcanic sandstones appear to occur along the lower levels, generally in the area of the Tolin, Cameron and Mann adits. Figure 5 shows the location of the underground workings and location of mineralized veins. The bedding is 4-8 cm wide and overall strike measurements show a trend approximately north south. The breccias appear to occur in the area of and above the adits while the tuffs are mainly present in the area of the Daly adit roughly 150 meters above the Mann adit. The tuffs are a deep red color and

are very thinly bedded. Calcite content in the tuffs appears to be much less than for the breccias.

The silicified unit was noted at 920 meters above sea level in elevation and occurs as a zone trending north south and up to 100 meters wide. It weathers a very distinct light brown-yellow. The rock contains up to 10% sparse barren quartz veinlets 0.5-1cm wide. Pyrite occurs as very fine grains in amounts up to 3-4%. The unit, which has been moderately sericite altered, appears to occur conformably along the west side of the red to maroon volcanics.

West of the silicified unit, coarse red and green agglomerates occur. The rocks are locally hematite rich and show strong epidote content. Clasts vary in size from sand sized particles up to 0.5 meters in diameter. Barren quartz veins occurring along short distances and up to 1 meter wide were noted in the agglomerate. The unit has a highly calcareous matrix and locally contains numerous calcite veinlets.

Barite-quartz-calcite-sulfide replacement bodies appeared to be restricted to the lower undivided volcanic unit. These appear to be fault controlled, as it is common to find fault gouge separating the wall rocks from the replacement bodies. The replacement bodies appear to be the widest at zones of fault intersection. Widths of the replacement zones may vary from 1 meter up to 26 meters.

The diabase dykes noted appear to be 2-3 meters in width and were probably emplaced along post mineral fault zones. The contact areas of the dykes with country rock contain fault gouge. The dykes are generally vertical but have a strong flat fracturing. Underground, the dykes present a problem as the flat fracturing and wall area faults cause caving of the backs.

The diabase is a dark grey, very dense homogenous rock. It is very fine grained and locally pyrite may occur in the wall to the dyke.

Abundant fault planes varying from approximately 300 to 330 degrees azimuth were noted. These faults vary greatly over short distances. One to two meters of gouge and crushed rock along the faults may pinch down to a tight fracture within a strike length of a few meters. Displacement along these faults appears to be only in the order of a few meters. The exception to this appears in the area of the High Grade vein, where the above zone has been cut and apparently displaced along a fault striking 353-degree azimuth. Slickenslide measurements indicated a plunge of 25 degrees to the west.

A large fault striking 056 degrees azimuth and dipping 65 degrees north-containing 0.3 - 0.6 meters of gouge and crushed rock has been mapped approximately 20 meters below and just east of the Tolin adit.

Deposit Types

The main showings on the Mountain Boy property are silver/sulfide ones of the replacement type deposits containing carbonates, silica, barite and sulfides.

Of secondary interest are narrow chalcopyrite bearing quartz veinlets along a basalt/rhyolite flow contact. Although the veinlets are narrow and sparse, they are found locally over widths of 50 meters and have been noted over several kilometers of strike length.

The silver/sulfide showing on the Mountain Boy property shows a good correlation to the previously mined Torbrit Silver and Dolly Varden deposits, both in mineralogy and mode of occurrence. Production at the latter properties yielded 19,000,000 ounces silver from just over 1,000,000 tons of ore.

Both occurrences occur in the regional Betty Creek Formation along the east side of the Coast range Mountains. Both are low in iron mineral and both have cadmium associated with the sphalerite.

Mineralization

To date, at least seven main and four minor quartz-barite carbonate replacement occurrences containing sulfides have been discovered within the property area (Figure 5). The replacement occurrences generally weather a pale gray to dark gray color and sulfides are not readily apparent except where secondary minerals have formed as weathering products. In many of the localities, the zones are difficult to distinguish from the surrounding country rock.

The mineralogy of these occurrences are distinctive in that they all appear to contain varying amounts of barite, quartz-jasper and carbonate with sparse to abundant sulfides. Barite and carbonate appear to be the most common minerals with lesser quartz. Sulfides vary from less that 1% up to 100% locally and consist of sphalerite, galena, chalcopyrite, bornite, tetrahedrite, jamesonite, covellite, and minor greenockite, acantithe (argentite) and stromeyerite. Native silver has been noted over a strike length of 20 meters in the High Grade vein. It occurs as fine grains, wires and small 1-millimeter plates. Sphalerite varies in colour from dark black to pale green and amber with the black variety being by far the most common. Locally malachite, azurite and hydrozincite occur as weathering products in areas of sulfide enrichment. Green chlorite occurs as wisps, fracture coatings and blebs generally paralleled to banding in the zone. Based on the high carbonate content and the presence of both zinc and barium, it is likely that both witherite and smithsonite are present in the veins.

The zones show the following minerals in order of abundance:

Gangue	**Sulfide**	**Native**
Barite	Sphalerite	Silver
Calcite	Galena	

Quartz	Chalcopyrite
Jasper	Bornite
Wall Rock Inclusions	Tetrahedrite
Chlorite	Jamesonite
Siderite	Covellite
Rhodochrosite	Greenockite
Smithsonite?	Acanthite (argentite)
Witherite?	Stromeyerite

The occurrences are generally banded with contrasting bands consisting of barite and/or quartz carbonate. Bands also can form local coliform structures and are usually parallel to the nearest country rock wall zone. Locally tabular barite crystals up to 2 centimeters long form radiating patterns with sulfides filling spaces between the crystals. Sulfides also appear to occur as coarse grains, wispy stringers and semi-massive veinlets associated with discrete lenses and stringers of quartz rich material bound by low sulfide bearing barite and calcite. High sulfide content appears to be directly dependent on quartz or silica content. Sphalerite is by far the most dominant sulfide and comprises over 70% of the sulfide content. Based on the previous explorers work, it appears that sulfide values are enhanced along the footwall side of the replacement zones. It is also apparent that high sulfide values do not necessarily correlate directly with highest silver values.

Work during the 1999 program indicated that veins occurred along three dominant strike directions but with varying dips. At present, the North (formerly the North Mann) and South Mann have an east-west strike and both dip 30 to 45 degrees to the south. Narrower veins in this strike direction include the WoMann, Waterfall and Fault Breccia. The Franmar, High Grade and No. 3 vein strike at 320 degrees azimuth direction and dip gently to the west. Veins striking in the northeast direction; namely the Mann, DeMann and Four Bees zones show great widths. Below the Four Bees zone and just above the Franmar vein, narrow 1-2 meter mineralized veins striking northeast were noted.

The wall of the mineralized replacement bodies can vary from a sharp contact to an irregular zone consisting of small calcite-quartz veinlets mineralized with sulfides in sheared red volcanics. Locally abundant malachite extends for several meters in to the footwall rock adjacent to the replacement zones.

The zones on the Mountain Boy property show a good correlation with the replacement deposits along the Kitsault valley, which have produced 19,000,000 ounces of silver from 1,000,000 tons of ore. Both zones are barite-carbonate-silver-sulfide bodies that show similar textures and great widths and contain little or no gold value. They are both distinctive in that greenockite (cadmium sulfide) is a common constituent of the sphalerite. In addition, both occurrences appear to be within Betty Creek Formation rocks with pyritized, silicified horizons nearby.

A variety of open cuts and the 1998 bulk sample pit as well as the Mann, Tolin and Cameron adits have exposed the Mann zone. The zone shows an arcuate nature just above the Mann adit. This may be the result of intersecting mineralized structures; namely the WoMann and the Mann itself. The Mann has a width of at least 10 meters and has been traced over a strike length of at least 100 meters. If further work indicates that the DeMann vein is an offshoot or a continuation of the Mann, the strike length would be over 220 meters in total. In the area just above the Mann adit, coarse blebs and stringers of sphalerite strike at an oblique angle to the overall strike of the zone. This area of abundant sphalerite was also noted in the No. 1 crosscut of the Mann adit, approximately 6 meters below surface. Strong sphalerite mineralization was noted over a width of 6 meters in the crosscut. Also, coarse-grained galena and sphalerite with minor chalcopyrite and local acanthite are present in the footwall region of the zone at the portal to the adit. Based on the surface and underground observations, it appears that mineralized bands do not conform to the overall strike of the zone. Rather, it appears that mineralization may have been emplaced along later fractures at an oblique angle to the main zone. Calcite and /or barite veinlets extend for several meters into the footwall country rock. Just SW of the bulk sample pit, sheared wall rock contains abundant malachite extending for 2 - 3 m away from the replacement body.

In the Tolin adit, due to caving, only the footwall region of the Mann zone was examined. This area contains 1 meter of chlorite schist with minor jamesonite and sphalerite forming the footwall to the barite rich replacement zone. In the replacement zone, sparse sphalerite and chalcopyrite were noted. However, only 3 meters of the overall 10-meter zone were examined due to inaccessibility. Based on the surface exposures and underground workings, the Mann vein has been traced for over 70 meters along dip in the immediate area of the Mann adit. Above the adit, a pinnacle of rock exposes the vein for over 50 meters of height and 70 meters of length. Based on its nature of occurrence, this pinnacle of rock would provide easily mined rock if future work indicates that it is economic.

In the Cameron Tunnel, a fault zone has displaced the Mann zone and only 2 narrow quartz barite zones were noted. This correlates with 2 barite veins mapped at surface about 30 meters in elevation above the tunnel. The east zone noted consisted of 2.3 meters of barite-quartz-calcite with strong sphalerite and chalcopyrite mineralization. Approximately 5.6 meters of crushed chloritic red volcanic with weak calcite veining and minor galena and sphalerite separated the above barite zone from the west vein. The west zone consisted of banded quartz-barite-calcite with minor jasper over a width of 1.5 meters. It contained 0.4 meters of massive sphalerite and minor galena on the footwall area (west side) with sulfides averaging 10-15% overall.

The High Grade zone, which lies about 160 m west and 160 m above the Mann zone strikes 320 degrees azimuth and dips 25 degrees west.

The zone was observed in the area of the Daly Tunnel, Open Cut and the area of the 1937 high-grading efforts or along a strike length of approximately 60 meters. The zone varies

from approximately 2.1 up to 6 meters in width and appears to be steepening in dip south of the Daly adit from 25 degrees west to a dip of 45 degrees west.

The High Grade zone contains more abundant jasper versus the Mann zone, which is barite-rich. In the Daly adit, the southerly crosscut is predominantly jasper with little if any sulfide. However, the drift has not intersected the full zone as it stopped before the footwall. In the northerly crosscut, the zone is intersected across a width of 7 meters (3.4 meters true width). It consists of locally strong jasper with minor barite-quartz-calcite and sparse sphalerite, galena and chalcopyrite mineralization. Near the hanging wall, a 1-meter zone of massive to semi-massive galena and sphalerite was noted.

In the Open Cut area, jamesonite, galena, sphalerite, tetrahedrite and sparse chalcopyrite are present as stringers and coarse blebs along a 0.5-meter zone along the hanging wall of the vein. Below the above mineralization, in the center of the approximately 4 meter wide zone, local abundant native silver occurs with a sparse black sulfide over a width of 0.5 meters. Approximately 20 meters north of the Open Cut, in the area of the 1937 high grading efforts and 1999-bulk sample, stromeyerite, acanthite (argentite), tetrahedrite, bornite, chalcopyrite, covellite, galena and sphalerite form massive stringers, fracture coatings and veinlets. The stringers are generally conformable to the banding in the jasper-barite, while the veinlets are at right angles to and cut through the massive stringers. Stringers can be up to 0.15 meters in width while veinlets are generally 1-2 centimeters in width. The massive stringers consist of black crumbly stromeyerite and acanthite, coarse blebs of bornite and chalcopyrite up to 4 centimeters across, minor crystalline galena and abundant malachite filling vugs in the mineralization. The above mineralization is generally restricted to a zone 0.5 meters in overall width in a jasper-barite vein up to 6 meters wide. Sparse sphalerite, chalcopyrite and galena were noted in the vein rock surrounding the massive stringer mineralization.

The High Grade zone has been described in a 1937 newspaper article as follows:

> The vein, known as the high-grade vein on the Mountain Boy property at the point where the ore was being extracted, showed a width of some twenty feet with two feet of high-grade on the foot-wall, showing stromeyerite and argentite distributed through the ore in great globs, while running with high-grade shoot in stringers of stromeyerite that comes away in regular plates of silver and gives a return of 8,000 ounces to the ton.
>
> At the elevation of 3,000 feet the vein running along the mountain strikes north-east and south-east and dips to the west into the hill and has been traced on the surface for some 1,699 feet.

Grab samples in 199 samples 99-5 and 6, from the massive mineralized stringers rich in acanthite and stromeyerite yielded assay values of 3,633 and 4,115oz. /tonne silver respectively. These samples confirm that the 1937 assay value reported above is in all likelihood valid but was also probably a select silver rich specimen.

In the hanging wall area to the High Grade vein, mineralization extends into the country rock along fractures for distances of up to 3 meters. The mineralized wall regions appear to be restricted to an area extending from 20 to 40 meters north of the Open Cut. These fracture, controlled veinlets are generally 5-10% of the rock and carry massive sphalerite, chalcopyrite, galena and occasionally barite. The High Grade zone has been displaced by several faults immediately north of the 1937 high-grading efforts and 1999-bulk sample site. It appears that the zone may have been faulted west and uphill. If this were the case, it would explain why the Fagan adit was unsuccessful in intersecting the High Grade vein.

The Frammar showing consists of a jasper-barite-quartz-calcite stockwork in red to maroon volcanic breccia approximately 160 meters southeast and 70 meters lower in elevation from the Mann adit. The zone strikes 320 degrees azimuth and dip 45 degrees to the west. It is exposed over a strike length of only 30 meters with both the north and south sides obscured by overburden. The zone, up to 7 meters wide, contains generally sparsely mineralized quartz stringers cutting silicified volcanics mineralized with sphalerite, galena and chalcopyrite as well as minor barite and tetrahedrite. The quartz veinlets contain sparse blebs of tetrahedrite and bornite. Strong hydrozincite and minor malachite were noted along fractures.

The Four-Bees zone is a wide northeast trending zone approximately 160 meters south of the Mann zone and 40 meters west of the Franmar zone. It consists of a mineralized zone up to 26 meters wide exposed over a length of 40 meters on a narrow ridge along the lower slopes of the property. It consists of 16.5 meters of a sparsely mineralized barite-quartz-calcite-jasper vein with 9.9 meters of fractured and mineralized wall rock along its west side. The barite-quartz-calcite-jasper vein contains sparse sphalerite, galena and chalcopyrite as well as minor bornite and local tetrahedrite. Sulfides are generally less than 5% of the zone. The wall zone contains semi-massive veinlets of sphalerite and galena as well as coarse blebs of chalcopyrite in quartz veinlets. Overall sulfides content of the wall zone is less than 3% over the 9.9 meters.

The DeMann zone has been the least tested of the zones due to the steep nature of the area in which it occurs. It outcrops along the south bank of Big Rock Gulch and appears to strike approximately 260 degrees azimuth and dip to the southeast. It has been traced over a length of 120 meters with the width of the zone varying from 2 up to 13 meters but generally averaging 8 meters. It is speculated that the DeMann vein is the location of the reported “Jewelry Shop” in McIntyre’s report. Apparently, the Cameron Tunnel was driven in order to intersect the “Jewelry Shop” at depth. Based on field observations, the DeMann vein consists of barite-jasper-quartz-calcite with local concentrations of sphalerite, galena, chalcopyrite and tetrahedrite. Minor float rock approximately 70 meters west of the Cameron adit carries abundant tetrahedrite. This float may be from the “Jewelry Shop”. Frost action has spalled large blocks of the DeMann vein about 100 meters above the Cameron adit and these large fragments fill Big Rock Gulch just above the adit.

The South Mann zone strikes approximately east west and dips to the south at about 35 degrees. It varies from 4 up to 6 meters in width and has been traced over a strike length of 200 meters (from the Cameron adit area to the South Mann adit). The South Mann adit was located just below the most southeast exposure of the vein. The back to the adit has broken through to surface along a diabase dyke.

The vein is predominantly barite-quartz-calcite-jasper with generally sparse sphalerite, galena and chalcopyrite. Sulfides are generally less than 5% of the rock. However, in Trench 16, coarse-grained galena and sphalerite formed up to 20% of the rock over widths up to 1 meter.

The North zone is an east west trending vein that is up to 4 meters wide exposed along a strike length of 50 meters. It is obscured by overburden to the east and it splits into a series of mineralized stringers to the west. It consists of a barite-quartz-calcite-siderite-jasper zone with stringers of massive galena stringers up to 0.15 meters in width. Minor sphalerite and chalcopyrite are also present within the zone. Immediately above the North adit, abundant rhodochrosite associated with green sphalerite was noted in Trench 3. Overall sulfide content of the North zone is approximately 5%.

The No. 3 zone was sampled in only one location just above the Daly Tunnel and Open Cut on the High Grade zone. It is a narrow zone of barite-quartz-calcite-jasper with local strong sphalerite, galena and chalcopyrite mineralization. It is reported to be parallel to the High Grade vein but the 1999 work was not extensive enough to confirm this.

The WoMann vein is just above the Mann adit and consists of several narrow 1-meter veins striking approximately east west and dipping 45 to 50 degrees to the south. Overall width of the zone is approximately 4 meters with 0.9 to 1 meter of barite-calcite-quartz separated by 1-2 meters of sheared chloritic, calcareous red volcanic. This vein has been traced for roughly 60 meters uphill from the Mann vein. It carries generally sparse sphalerite with minor chalcopyrite, bornite and tetrahedrite. At its most westerly exposure, coarse bornite, chalcopyrite and tetrahedrite occur with barite in a vein approximately 0.5 meters wide. Near the Mann vein, an unidentified green mineral in the WoMann vein may be smithsonite.

The Waterfall and Fault Breccia zones consist of remobilized gangue and sulfide mineralization from the veins into post-mineral fault zones. The zones consist of 30-40% vein material filling spaces and voids created by fracturing over widths up to 1-2 meters. Clasts of mineralized vein may be up to 6 centimeters in diameter. These zones appear to be restricted to the hanging wall side of nearby mineralized zones and seem to have strike lengths less than 30 meters. The Fault Breccia zone is immediately above the High Grade Zone while the Waterfall zone appears above the Franmar zone.

The Crackle Breccia zone consists of a stockwork carrying barite-quartz-calcite veins and veinlets sparsely mineralized with sphalerite and minor galena and chalcopyrite. The zone strikes approximately 220 degrees azimuth and varies from over 8 up to 14 meters in width. It is just south of the Mann adit and appears to strike into the Mann vein. It has

been exposed over a strike length of only 30 meters. The barite-quartz-calcite appears to form about 25 % of the overall zone. Locally, minor quartz veinlets contain a black, platy mineral occurring as fine 1-2 millimeter grains.

In 1998, Ranmar Ventures Ltd. located a number of mineralized boulders; several in Goat Gulch and one in Copper Gulch. These boulders contained abundant bornite and chalcopyrite occurring as stringers associated with barite and fine acanthite. Based on the 1999 work, the boulders in Goat Gulch appear to have been eroded from the upper part of the WoMann vein where coarse bornite, chalcopyrite and tetrahedrite occur in a barite vein. The source of the boulder in Copper Gulch appears to be from the hanging wall area to the High Grade vein approximately 160 meters uphill where narrow fractures contain coarse sphalerite, chalcopyrite, and bornite and galena stringers.

GEOCHEMICAL SAMPLING

During the period August 1 to September 5, 2016 a total of 33 rock samples; 30 bedrock and 3 float, were collected and analyzed using ICP methods. Any base metal and precious results that were over ICP detection limits were assayed. Samples were collected from the hanging wall areas of the Mann and High Grade vein areas. Both veins are located in thinly bedded, red tuffs of the Betty Creek Formation. Figure 5 shows the plan of underground workings and veins with the area of 2016 sampling. Sampling was near the Open Cut adit located at 442834 E and 6221981N.

High Grade zone: A total of 13 grab samples (MBHG 1-13) were collected along the vein which is up to 4 m wide. The zone is exposed along 50 m of hillside. The values varied from 95 – 31,192 g/t Ag, 0.07 – 9.94 % Zn, 0.02 – 7.42 % Cu and 0.03 – 7.36 % Pb. The average values were 4,795.16 g/t Ag, 3.35 % Zn, 0.837 % Pb and 1.38 % Cu. The 2 highest values were 31,192 and 21,400 g/t Ag from a zone of cross faulting cutting the High Grade zone. This new mineralization was exposed along the creek bottom which had been scoured by heavy rains. This new zone has massive acanthite (silver sulphide) stringers over 0.6 m of width.

The samples were barite/jasper rich material that had streaks of a black mineral that is believed to be acanthite. Minor sphalerite and galena are also present. Some samples had a pinkish mineral believed to be bornite. Malachite staining is common along the vein and many samples collected showed strong malachite. It is believed that either bornite or stromeyerite are the copper minerals responsible for the malachite.

Sample MBHG 2 and 12 were of massive to semi-massive acanthite along an east west shear zone cutting the High Grade vein. Overall width of the shear appears to be 0.6 m consisting of sheared tuff and sulphide stringers Samples MBHG 6 and 7 had traces of native silver. Figure 7 shows the sample locations on the High Grade vein.

Mann zone: A total of 17 grab samples (MBM 1-17) were collected from the hanging wall area of the Mann vein. The vein which is up to 13 m wide has been traced over 200

m of strike and 70 m of height. The values varied from 45 – 12,758 g/t Ag, 0.29 – 22.87 % Zn, 0.07 – 1.0 % Cu and 0.04 – 19.88 % Pb. The average values were 750.48 g/t Ag, 9.02 % Zn, 2.61 % Pb and 0.303 % Cu. Sampling was from sphalerite rich rocks to obtain information on silver content in the sulphide rich rocks. Overall sphalerite/minor galena appears to be approximately 10 % of the zones sampled. The foot wall regions of the Mann vein appear to be more barite/carbonate rich whereas the hanging wall area appears more silica rich.

Sampling of 3 float rocks (MBF 1-3) in a gulley north of the Mann zone gave up to 582 g/t Ag, 3.93 % Cu and 12.65 % Zn. Samples contained stringers of bornite as well as blebs of coarse sphalerite. These values indicate another mineralized zone above the Mann in an area obscured by vegetation. Figure 6 shows the location of the sampling on the Mann vein. All the sampling was near the Mann adit located at 442934E and 6221035N.

The Mann and High Grade zones are barite rich replacement zones that occur 150 m apart.

Sample descriptions are located in Appendix I and complete assay results for the sampling are located in Appendix II.

INTERPRETATION AND CONCLUSIONS

1. The Mountain Boy property is located about 22 kilometers north of Stewart, British Columbia in the Skeena Mining Division.

2. The property covers an area of Hazelton pyroclastic volcanic rocks in contact with a variety of intrusive plutons associated with the main Coast Range Batholith.

3. Mineralization on the property consists of at least seven main (Mann, High Grade, No. 3, DeMann, Franmar, Four Bees and South Mann) and four minor (North, WoMann, Waterfall and Fault Breccia) replacement zones tested with trenches, previous open cuts and/or adits.

4. The mineralization occurs along wide bodies consisting of mainly barite, quartz, jasper, carbonates (calcite, siderite, rhodochrosite and possibly smithsonite and witherite) and sulfides (sphalerite, galena and minor chalcopyrite, bornite, tetrahedrite, jamesonite, covellite, acanthite, stromeyerite and greenockite) as well as inclusions of altered country rock. Native silver occurs along a zone traced for at least 20 meters of strike length on the High Grade vein

5. During the period August 1 to September 5, 2016 a total of rock samples were collected from 2 different vein areas.

6. High silver and base metal values were obtained in the 2016 sampling.

7. It is recommended that the next exploration phase consist of further drilling and sampling.

8. Estimated cost of the program is $300,000.00.

RECOMMENDATIONS AND BUDGET

It is recommended that the next exploration phase consist of drilling and sampling.
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Estimated Cost of the Program

Geochemical assays, 100 samples @ $25/sample		$2,500.00
1 Geologists, 30 days @ $700.00/ day		$21,000.00
1 Field assistants, 30 days @ $300.00/day		$9,000.00
Accommodation and food (in Stewart)		$5,000.00
Vehicle rental		$3,000.00
Freight		$1,000.00
Report		$5,000.00
Drafting		$2,000.00
Drilling 1500 m @ $105/m		$157,500.00
Mobilization and demobilization of drills		$15,000.00
Preparation of drill pads		$70,000.00
Contingency		$9,000.00
	Total	**$300,000.00**

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CERTIFICATE of AUTHORS'QUALIFICATIONS

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 and Geoscientists 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 Ltd.
6. This report is based on a review of reports, documents, maps and other technical data on the property area.
7. I am familiar with these types of deposits having conducted exploration programs on these types of occurrences in the Stewart region.

_____ _____

Date: E.R. Kruchkowski, B.Sc.

STATEMENT OF EXPLORATION COSTS

E Kruchkowski August 1 to September 5 – 2016 2 days @ $700.00/day including job set-up	$1,400.00
S Stannus assistant 2 days @ $300.00/day	$600.00
Report Writing	$700.00
Drafting	$400.00
Loring Laboratories – 33 geochemical samples @ $35.00	$1,155.00
Truck use 2 days @ $100.00/day	$200.00
6-wheel Polaris Ranger 2 days @ $150.00/day	$300.00
Hotel and Meal Expenses 4 man days @ $150.00/day	$600.00
Total	**$5,355.00**

Appendix I
Sample Descriptions

MBF1	Float-Red volcanic tuff (Betty Creek Formation) with veinlets of bornite and sphalerite, traces galena. Veinlets up to 1 cm wide with sulphides approximately 15 %. Strong malachite stain. Located up hill and NW of Mann Adit in 0.3 m large talus boulder.
MBF2	Float-Red volcanic tuff (Betty Creek Formation) with veinlets of bornite and traces sphalerite as well as traces galena. Veinlets up to 0.5 cm wide with sulphides approximately 5 %. Minor malachite stain. Located up hill and NW of Mann Adit in 0.15 m wide talus boulder.
MBF3	Float-Red volcanic tuff (Betty Creek Formation) with minor chalcopyrite, traces bornite and sphalerite, traces galena. Veinlets up to 0.5 cm wide with sulphides approximately 10 %. Minor malachite stain. Located up hill and NW of Mann Adit in 0.15 m wide talus boulder.
MBM1	Grab-Mann Zone-Sample of chloritic, barite and jasper rich zone along the hanging wall. Sample has strong chalcopyrite and sphalerite mineralization with abundant malachite stain and minor hydrozincite.
MBM2	Grab-Mann Zone-Sample of barite and jasper rich zone 1 m from MBM1. Sample has strong sphalerite mineralization with minor malachite stain and hydrozincite. Approximately 20 % sphalerite.
MBM3	Grab-Mann Zone-Sample of barite and jasper rich zone 1 m from MBM2. Sample has strong sphalerite mineralization with minor malachite stain with minor light blue hydrozincite. Approximately 20-25 % sphalerite.
MBM4	Grab-Mann Zone-Sample of barite and jasper rich zone east of MBM1. Sample has very strong sphalerite mineralization with minor malachite stain. Approximately 20-25 % sphalerite.
MBM5	Grab-Mann Zone-Sample of barite and jasper rich zone 1 m from MBM4. Sample has very strong sphalerite mineralization with minor malachite stain. Approximately 20-25 % sphalerite
MBM6	Grab-Mann Zone-Sample of barite and jasper rich zone 1 m from MBM5. Sample has very sparse sphalerite mineralization with minor malachite stain. Approximately 2-3 % sphalerite.
MBM7	Grab-Mann Zone-Sample of barite, calcite and jasper rich zone several m from the Mann portal. Sample has very sparse sphalerite and galena mineralization with minor malachite stain. Approximately 2-3 % sphalerite.

MBM8	Grab-Mann Zone-Sample of barite, calcite and jasper rich zone several m from the Mann portal and beside MBM7. Sample has very sparse sphalerite and galena mineralization with traces malachite stain. Approximately 2-3 % sphalerite.
MBM9	Grab-Mann Zone-Sample of barite, calcite and jasper rich zone several m from the Mann portal and east of MBM7. Sample has very sparse sphalerite and galena mineralization with traces malachite stain. Approximately 2-3 % sphalerite with strong barite.
MBM10	Grab-Mann Zone-Sample of barite, calcite and jasper rich zone several m from the Mann portal and beside MBM9. Sample has very sparse sphalerite and galena mineralization with traces malachite stain. Approximately 2-3 % sphalerite in strong barite.
MBM11	Grab-Mann Zone-Sample of barite, calcite and jasper rich zone several m from the Mann portal and beside MBM10. Sample has strong sphalerite and galena mineralization with traces malachite stain. Approximately 12 % sphalerite.
MBM12	Grab-Mann Zone-Sample of barite, calcite and jasper rich zone several m from the Mann portal and beside MBM13. Sample has strong sphalerite and galena mineralization with traces malachite stain. Approximately 18 % sulphide.
MBM13	Grab-Mann Zone-Sample of barite, calcite and jasper rich zone several m from the Mann portal and beside MBM12. Sample has strong sphalerite and galena mineralization with traces malachite stain. Approximately 12 % sulphide.
MBM14	Grab-Mann Zone-Sample of barite, calcite and jasper rich zone several m from the Mann portal and beside MBM13. Sample has strong sphalerite and galena as well as minor chalcopyrite mineralization with traces malachite stain. Approximately 10 % sulphide.
MBM15	Grab-Mann Zone-Sample of barite, calcite and jasper rich zone several m SW from the Mann portal and east MBM12. Sample is on south side of a tall pinnacle of mineralization. Sample has strong sphalerite and galena as well as minor chalcopyrite mineralization with traces malachite stain. Approximately 10 % sulphide.
MBM16	Grab-Mann Zone-Sample of barite, calcite and jasper rich zone several m SW from the Mann portal and west of MBM15. Sample is on south side of a tall pinnacle of mineralization. Sample has strong sphalerite and galena as well as minor chalcopyrite mineralization with traces malachite stain. Approximately 9 % sulphide.

MBM17 Grab-Mann Zone-Sample of barite, calcite and jasper rich zone several m SW from the Mann portal and west of MBM16. Sample is on south side of a tall pinnacle of mineralization. Sample has strong sphalerite and galena as well as minor chalcopyrite mineralization with traces malachite stain. Approximately 7 % sulphide.

MBHG1 Grab-High Grade Zone-Sample of barite, calcite and jasper rich zone several m N from the Open Cut Portal. Sample is from the hanging wall. Sample has strong sphalerite and galena as well as minor chalcopyrite mineralization with traces malachite stain. Minor acanthite and possibly stromeyerite. Approximately 12 % sulphide.

MBHG2 Grab-East-west trending shear cutting High Grade Zone-Sample of black acanthite and stromeyerite rich material with strong malachite. Shear is up to 0.6 m wide.

MBHG3 Grab-High Grade Zone-Sample of barite, calcite and jasper rich zone several m N from the Open Cut Portal and beside MBHG1. Sample is from the hanging wall. Sample has minor sulphide mineralization with traces malachite stain. Minor acanthite as narrow minute black fracture fillings and possibly stromeyerite. Approximately 2 % sulphide.

MBHG4 Grab-High Grade Zone-Sample of barite, calcite and jasper rich zone several m N from the Open Cut Portal and beside MBHG3. Sample is from the hanging wall. Sample has minor sulphide mineralization with traces malachite stain. Minor acanthite as narrow minute black fracture fillings and possibly stromeyerite. Approximately 2 % sulphide.

MBHG5 Grab-High Grade Zone-Sample of barite, calcite and jasper rich zone several m N from the Open Cut Portal and between MBHG4 and MBHG2. Sample is from the hanging wall. Sample has minor sulphide mineralization with traces malachite stain. Minor acanthite as narrow minute black fracture fillings and possibly stromeyerite. Approximately 2 % sulphide.

MBHG6 Grab-High Grade Zone-Sample of jasper rich zone several m N from the Open Cut Portal. Sample is from the hanging wall. Sample has minor sulphide mineralization with traces malachite stain. Minor acanthite as narrow minute black fracture fillings and possibly stromeyerite. Approximately 2 % sulphide.

MBHG7 Grab-High Grade Zone-Sample of jasper rich zone several m N from the Open Cut Portal. Sample is from the hanging wall. Sample has minor sulphide mineralization with traces malachite stain. Minor

acanthite as narrow minute black fracture fillings and possibly stromeyerite. Approximately 2 % sulphide.

MBHG7 Grab-High Grade Zone-Sample of jasper rich zone several m N from the Open Cut Portal. Sample is from the hanging wall. Sample has minor sulphide mineralization with traces malachite stain. Minor acanthite as narrow minute black fracture fillings and possibly stromeyerite. Approximately 2 % sulphide.

MBHG8 Grab-High Grade Zone-Sample of jasper rich zone several m N from the Open Cut Portal. Sample is from the hanging wall. Sample has minor sulphide mineralization with traces malachite stain. Minor acanthite as narrow minute black fracture fillings and possibly stromeyerite. Approximately 2 % sulphide.

MBHG9 Grab-High Grade Zone-Sample of jasper rich zone several m N from the Open Cut Portal. Sample is from the hanging wall just north of MBHG2 and 12. Sample has minor sulphide mineralization with traces malachite stain. Minor acanthite as narrow minute black fracture fillings and possibly stromeyerite. Approximately 2 % sulphide.

MBHG10 Grab-High Grade Zone-Sample of jasper rich zone several m N from the Open Cut Portal. Sample is from the hanging wall. Sample has minor sulphide mineralization with traces malachite stain. Minor acanthite as narrow minute black fracture fillings and possibly stromeyerite. Approximately 1-3 % sulphide.

MBHG10 Grab-High Grade Zone-Sample of jasper rich zone several m N from the Open Cut Portal. Sample is from near the footwall are. Sample has minor sulphide mineralization with traces malachite stain. Minor acanthite as narrow minute black fracture fillings and possibly stromeyerite. Approximately 1-3 % sulphide.

MBHG11 Grab-High Grade Zone-Sample of jasper rich zone several m N from the Open Cut Portal. Sample is from the hanging wall. Sample has minor sulphide mineralization with traces malachite stain. Minor acanthite as narrow minute black fracture fillings and possibly stromeyerite. Approximately 1-3 % sulphide.

MBHG12 Grab-East-west trending shear cutting High Grade Zone-Sample of black acanthite and stromeyerite rich material with strong malachite. Shear is up to 0.6 m wide. Sample is along same shear as MBHG2.

MBHG13	Grab-High Grade Zone-Sample of jasper rich zone several m N from the Open Cut Portal. Sample is from near the footwall are. Sample has minor sulphide mineralization with traces malachite stain. Minor acanthite as narrow minute black fracture fillings and possibly stromeyerite. Approximately 1-3 % sulphide.

Appendix II
Assay Results for Geochemical Sampling

Loring Laboratories Ltd.

629 Beaverdam Road N.E.,
Calgary Alberta T2K 4W7
Tel: 274-2777 Fax: 275-0541
loringlabs@telus.net

ISO9001:2008 Certified

To: Mountain Boy Minerals
P. O. Box 211
426, King Street,
Stewart, B. C., V0T 1W0

FILE: 6 0 2 6 5
DATE: October 24, 2016

SAMPLES: Rock

Certificate of Assay

Attn: Ed Kruchkowski

Sample No.	Au ppb	Au gm/tonne	Ag gm/tonne
"Assay Analysis"			
AW-1	86	--	--
AW-2	138	--	--
AW-3	108	--	--
AW-4	75	--	--
AW-5	57	--	--
AW-6	98	--	--
AW-7	1015	--	--
AW-8	114	--	--
AW-9	592	--	200
AW-10	115	--	--
AW-11	71	--	--
AW-12	44	--	--
AW-13	68	--	--
AW-14	92	--	--
AW-15	222	--	--
AW-16	130	--	141
AW-17	67	--	--
AW-1 Check	64	--	--
STD GS-1T (1080 ppb)	1087	--	--
Blank	<5	--	--
Methodology:	-Au- Fire Assay with AA / Gravimetric finish.		
Received Date:	September 6, 2016		

I HEREBY CERTIFY that the above results are those assays made by me upon the herein described samples:

Assayer

Rejects and pulps are retained for one month unless specific arrangements are made in advance.

Loring Laboratories Ltd.

629 Beaverdam Road N.E.,
Calgary Alberta T2K 4W7
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426, King Street,
Stewart, B. C., V0T 1W0

FILE: 6 0 2 6 5
DATE: October 24, 2016

SAMPLES: Rock

Certificate of Assay

Attn: Ed Kruchkowski

Sample No.	Au ppb	Au gm/tonne	Ag gm/tonne
"Assay Analysis"			
AW-18	318	--	239
AW-19	5062	--	--
AW-20	115	--	--
AW-21	84	--	--
AW-22	81	--	--
AW-23	125	--	--
AW-24	65	--	--
AW-25	65	--	--
AW-26	750	--	--
AW-27	1692	--	--
AW-28	144	--	--
AW-29	88	--	--
AW-30	110	--	--
AW-31	143	--	--
AW-32	202	--	--
AW-33	176	--	479
AW-34	58	--	--
AW-18 Check	284	--	--
STD GS-1T (1080 ppb)	891	--	--
Blank	<5	--	--
Methodology:	-Au- Fire Assay with AA / Gravimetric finish.		
Received Date:	September 6, 2016		

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Assayer

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FILE: 6 0 2 6 5
DATE: October 24, 2016

SAMPLES: Rock

Certificate of Assay

Attn: Ed Kruchkowski

Sample No.	Au ppb	Au gm/tonne
"Assay Analysis"		
AW-35	60	--
AW-36	22	--
AW-37	10	--
AW-38	9	--
AW-39	9	--
AW-40	<5	--
AW-41	<5	--
AW-42	<5	--
AW-43	<5	--
AW-44	<5	--
AW-45	<5	--
AW-46	<5	--
AW-47	<5	--
AW-48	<5	--
AW-49	<5	--
AW-50	<5	--
AW-51	<5	--
AW-35 Check	7	--
STD GS-1T (1080 ppb)	1093	--
Blank	<5	--
Methodology:	-Au- Fire Assay with AA / Gravimetric finish.	
Received Date:	September 6, 2016	

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DATE: October 24, 2016

SAMPLES: Rock

Certificate of Assay

Attn: Ed Kruchkowski

Sample No.	Au ppb	Au gm/tonne	Ag gm/tonne
"Assay Analysis"			
AW-52	<5	--	--
AW-53	<5	--	--
AW-54	341	--	--
AW-55	<5	--	--
AW-56	<5	--	--
AW-57	<5	--	--
AW-58	<5	--	--
AW-59	<5	--	--
AW-60	<5	--	--
AW-61	<5	--	--
AW-62	<5	--	--
AW-63	<5	--	--
AW-64	7	--	--
AW-65	<5	--	--
AW-66	>10000	17.50	187
AW-67	1568	--	121
AW-68	52	--	--
AW-52 Check	<5	--	--
STD GS-1T (1080 ppb)	1040	--	--
Blank	<5	--	--
Methodology:	-Au- Fire Assay with AA / Gravimetric finish.		
Received Date:	September 6, 2016		

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Assayer

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FILE: 6 0 2 6 5
DATE: October 24, 2016

SAMPLES: Rock

Certificate of Assay

Attn: Ed Kruchkowski

Sample No.	Au ppb	Au gm/tonne
"Assay Analysis"		
KMJ-1	22	
KMJ-2	164	
KMJ-3	30	
KMJ-4	19	
KMJ-5	41	
KMJ-6	75	
KMJ-7	165	
KMJ-8	25	
KMJ-9	58	
KMJ-10	27	
KMJ-11	310	
KMJ-12	153	
KMJ-13	155	
KMJ-14	6	
KMJ-15	10	
KMJ-16	116	
KMJ-17	113	
KMJ-1 Check	127	
STD GS-P4F (498 ppb)	483	
Blank	<5	--
Methodology:	-Au- Fire Assay with AA / Gravimetric finish.	
Received Date:	September 6, 2016	

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FILE: 6 0 2 6 5
DATE: October 24, 2016

SAMPLES: Rock

Certificate of Assay

Attn: Ed Kruchkowski

Sample No.	Au ppb	Au gm/tonne
"Assay Analysis"		
KMJ-18	65	--
KMJ-19	17	--
KMJ-20	457	--
KMJ-21	261	--
KMJ-22	31	--
KMJ-23	31	--
KMJ-24	<5	--
KMJ-25	5	--
KMJ-26	<5	--
KMJ-27	16	--
KMJ-28	126	--
KMJ-29	9	--
KMJ-30	7	--
KMJ-31	<5	--
KMJ-32	6	--
KMJ-33	203	--
KMJ-34	<5	--
KMJ-18 Check	5	--
STD GS-P4F (498 ppb)	483	--
Blank	<5	--
Methodology:	-Au- Fire Assay with AA / Gravimetric finish.	
Received Date:	September 6, 2016	

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FILE: 6 0 2 6 5
DATE: October 24, 2016

SAMPLES: Rock

Certificate of Assay

Attn: Ed Kruchkowski

Sample No.	Au ppb	Au gm/tonne
"Assay Analysis"		
KMJ-35	179	--
KMJ-36	362	--
KMJ-37	142	--
KMJ-38	625	--
KMJ-39	49	--
KMJ-40	19	--
KMJ-41	519	--
KMJ-42	85	--
KMJ-43	37	--
KMJ-44	39	--
KMJ-45	43	--
KMJ-46	28	--
KMJ-47	24	--
KMJ-48	22	--
KMJ-49	27	--
KMJ-50	28	--
KMJ-51	20	--
KMJ-35 Check	26	--
STD GS-1T (1080 ppb)	1122	--
Blank	<5	--
Methodology:	-Au- Fire Assay with AA / Gravimetric finish.	
Received Date:	September 6, 2016	

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FILE: 6 0 2 6 5
DATE: October 24, 2016

SAMPLES: Rock

Certificate of Assay

Attn: Ed Kruchkowski

Sample No.	Au ppb	Au gm/tonne	Ag gm/tonne
"Assay Analysis"			
KMJ-52	300	--	--
KMJ-53	101	--	--
KMJ-54	946	--	680
RZ-1	46	--	--
RZ-3	35	--	--
RZ-3A	36	--	--
RZ-4A	46	--	--
RZ-4B	57	--	--
RZ-5	30	--	--
RZ-6	27	--	--
RZ-7	42	--	297
RZ-8	24	--	--
RZ-9	22	--	--
RZ-10	25	--	--
RZ-11	34	--	--
RZ-12	25	--	--
RZ-13	25	--	--
KMJ-52 Check	317	--	--
STD GS-1T (1080 ppb)	1038	--	--
Blank	<5	--	--
Methodology:	-Au- Fire Assay with AA / Gravimetric finish.		
Received Date:	September 6, 2016		

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Assayer

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Stewart, B. C., V0T 1W0

FILE: 6 0 2 6 5
DATE: October 24, 2016

SAMPLES: Rock

Certificate of Assay

Attn: Ed Kruchkowski

Sample No.	Au ppb	Au gm/tonne	Ag gm/tonne
"Assay Analysis"			
RZ-14	141	--	--
RZ-15	99	--	--
RZ-16	119	--	--
RZ-17	117	--	--
RZ-18	103	--	--
RZ-19	96	--	--
RZ-20	115	--	--
RZ-22	101	--	--
RZ-23	97	--	--
RZ-28	99	--	--
RZ-29	107	--	--
MBHG-1	177	--	266
MBHG-2	<5	--	21400
MBHG-3	99	--	1301
MBHG-4	<5	--	1274
MBHG-5	103	--	2887
		--	
RZ-14 check	144	--	--
STD GS-1T (1080 ppb)	1013	--	--
Blank	<5	--	--
Methodology:	-Au- Fire Assay with AA / Gravimetric finish.		
Received Date:	September 6, 2016		

I HEREBY CERTIFY that the above results are those assays made by me upon the herein described samples:

Assayer

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To: Mountain Boy Minerals
P. O. Box 211
426, King Street,
Stewart, B. C., V0T 1W0

FILE: 6 0 2 6 5
DATE: October 24, 2016

SAMPLES: Rock

Certificate of Assay

Attn: Ed Kruchkowski

Sample No.	Au ppb	Au gm/tonne	Ag gm/tonne
"Assay Analysis"			
MBHG-6	122	--	387
MBHG-7	118	--	118
MBHG-8	108	--	95
MBHG-9	148	--	1889
MBHG-10	101	--	846
MBHG-11	110	--	151
MBHG-12	<5	--	31192
MBHG-13	<5	--	531
MBM-1	118	--	12758
MBM-2	747	--	1457
MBM-3	158	--	--
MBM-4	129	--	--
MBM-5	200	--	650
MBM-6	141	--	805
MBM-7	<5	--	6763
MBM-8	119	--	--
MBM-9	172	--	465
MBHG-13 check	<5	--	--
STD GS-1T (1080 ppb)	1097	--	--
Blank	<5	--	--
Methodology:	-Au- Fire Assay with AA / Gravimetric finish.		
Received Date:	September 6, 2016		

I HEREBY CERTIFY that the above results are those assays made by me upon the herein described samples:

Assayer

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ISO9001:2008 Certified

To: Mountain Boy Minerals
P. O. Box 211
426, King Street,
Stewart, B. C., V0T 1W0

FILE: 6 0 2 6 5
DATE: October 24, 2016

SAMPLES: Rock

Certificate of Assay

Attn: Ed Kruchkowski

Sample No.	Au ppb	Au gm/tonne	Ag gm/tonne
"Assay Analysis"			
MBM-10	<5	--	349
MBM-11	143	--	--
MBM-12	<5	--	317
MBM-13	<5	--	153
MBM-14	<5	--	8752
MBM-15	<5	--	224
MBM-16	<5	--	206
MBM-17	<5	--	504
MBF-1	<5	--	582
MBF-2	<5	--	467
MBF-3	120	--	--
STD GS-1T (1080 ppb)	996	--	--
Blank	<5	--	--
Methodology:	-Au- Fire Assay with AA / Gravimetric finish.		
Received Date:	September 6, 2016		

I HEREBY CERTIFY that the above results are those assays made by me upon the herein described samples:

Assayer

Rejects and pulps are retained for one month unless specific arrangements are made in advance.

Loring Laboratories (Alberta) Ltd.

629 Beaverdam Road N.E.,
Calgary Alberta T2K 4W7
Tel: 274-2777 Fax: 275-0541
loringlabs@telus.net

ISO9001:2008 Certified

TO: Mountian Boy Minerals
PO Box 859 426 King St.
Stewart BC V0T 1W0

Attn: Ed Kruchkowski

File No : 6 0 2 6 5
Date : November 1, 2016
Sample :

Certificate of Assay

Sample No.	Cu %	Pb %	Zn %
"Assay Analysis"			
AW 3	-	-	9.32
AW 5	-	-	3.04
AW 6	-	-	3.13
AW 9	-	-	26.12
AW 10	-	-	11.64
AW 11	-	-	5.98
AW 12	-	-	1.02
AW 16	-	7.77	16.61
AW 18	-	7.88	-
AW 32	-	1.64	-
AW 33	-	2.45	-
AW 35	-	-	1.32
KMJ 11	-	-	8.58
KMJ 13	-	-	1.88
KMJ 17	-	-	1.23
KMJ 42	-	-	1.96
KMJ 44	-	-	1.26
KMJ 45	-	-	1.55
RZ 4A	-	2.92	-
RZ 4B	-	3.34	-
RZ 7	-	-	3.10
RZ 12	-	-	5.53
Methodology:	Used multi acid digestion, peroxide fusion and AA finish		
Received Date:	September 6, 2016		

I HEREBY CERTIFY that the above results are those assays made by me upon the herein described samples:

Assayer

Rejects and pulps are retained for one month unless specific arrangements are made in advance.

FORM ASYC-015

Loring Laboratories (Alberta) Ltd.

629 Beaverdam Road N.E.,
Calgary Alberta T2K 4W7
Tel: 274-2777 Fax: 275-0541
loringlabs@telus.net

ISO9001:2008 Certified

TO: Mountian Boy Minerals
PO Box 859 426 King St.
Stewart BC V0T 1W0

Attn: Ed Kruchkowski

File No : 6 0 2 6 5
Date : November 1, 2(
Sample :

Certificate of Assay

Sample No.	Cu %	Pb %	Zn %
"Assay Analysis"			
MBHG 1	-	7.42	24.78
MBHG 2	2.82	-	-
MBHG 4	no assay-insufficient sample		
MBHG 12	7.26	-	9.94
MBHG 13	5.61	0.96	6.58
MBM 1	-	3.30	10.60
MBM 2	-	-	12.29
MBM 3	-	-	15.16
MBM 4	-	-	17.62
MBM 5	-	-	18.37
MBM 6	-	1.71	1.99
MBM 11	-	6.87	9.19
MBM 12	-	19.88	9.35
MBM 13	-	3.46	18.29
MBM 14	1.00	5.79	-
MBM 15	-	1.64	22.87
MBM 16	-	-	11.98
MBM 17	-	-	3.03
MBF 1	3.93	-	12.66
MBF 2	2.28	-	-
MBF 3	-	-	8.44

Methodology: Using multi acids digestion, peroxide fusion and AA finish
Received Date: September 6, 2016

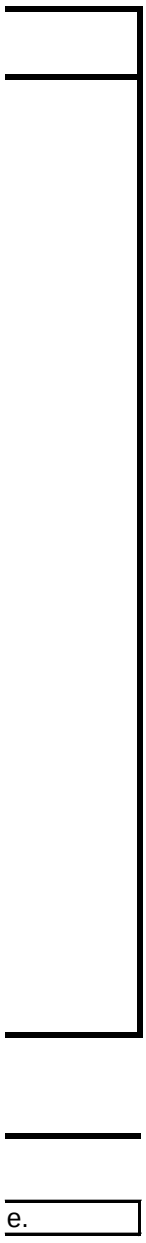
I HEREBY CERTIFY that the above results are those assays made by me upon the herein described samples:

Assayer

Rejects and pulps are retained for one month unless specific arrangements are made in advanc

FORM ASYC-015

016



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Loring Laboratories (Alberta) Ltd.

629 Beaverdam Road N.E.,
Calgary Alberta T2K 4W7
Tel: 403- 274-2777 Fax: 403-275-0541
loringlabs@telus.net

To:
Mountian Boy Minerals
PO Box 859 426 King St.
Stewart BC V0T 1W0

Attn: Ed Kruchkowski

File No : 6 0 2 6 5
Date : October 24, 2016
Samples : Rock

30 ELEMENT ICP ANALYSIS

Sample No.	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
AW 1	<0.5	0.07	11	28	398	3	0.09	4	13	77	8	0.52	0.04	2	0.01	3257	2	0.01	4	0.01	219	7	21	3	<0.01	<1	<1	3	263	<1
AW 2	1.2	0.11	16	29	969	23	0.02	3	1	73	14	1.21	0.08	2	0.01	62	49	0.01	2	<0.01	271	17	19	12	<0.01	<1	2	7	465	1
AW 3	23.2	0.12	1032	31	81	18	3.62	412	17	30	140	1.91	0.10	3	0.18	8986	139	0.01	5	0.02	7036	78	226	33	<0.01	<1	<1	595	>10000	1
AW 4	9.0	0.58	19	19	160	58	0.21	4	13	25	960	<0.01	0.41	<1	0.95	1756	3	0.03	4	0.01	125	<1	14	104	0.01	<1	7	12	459	5
AW 5	2.0	0.04	87	28	66	8	4.37	207	13	53	39	1.41	0.05	2	0.20	5712	49	0.01	8	0.01	423	20	404	14	<0.01	<1	<1	298	>10000	<1
AW 6	3.9	0.05	348	25	83	15	2.86	208	17	61	49	1.87	0.07	<1	0.18	3962	201	0.01	10	0.01	726	50	208	29	<0.01	<1	<1	297	>10000	1
AW 7	2.7	0.15	185	14	366	95	0.06	6	<1	14	187	2.15	0.04	<1	0.00	69	10	0.03	1	0.03	919	<1	11	186	<0.01	51	6	48	924	5
AW 8	14.4	0.30	309	27	283	17	4.14	54	26	24	1472	1.96	0.25	<1	0.49	5943	46	0.01	11	0.05	1412	116	881	33	<0.01	<1	10	66	7352	2
AW 9	>100	0.21	95	43	86	27	0.13	1811	135	28	4055	<0.01	0.12	<1	0.02	257	1226	0.01	30	0.03	8566	321	25	54	<0.01	8	11	2425	>10000	3
AW 10	6.0	0.10	98	26	93	16	3.84	472	26	34	144	1.90	0.12	2	0.38	8391	183	0.01	12	0.02	942	36	234	31	<0.01	<1	1	745	>10000	1
AW 11	8.5	0.12	12	24	213	5	2.52	384	3	47	44	1.10	0.05	2	0.10	3333	9	0.01	2	<0.01	2075	14	293	10	<0.01	<1	10	495	>10000	<1
AW 12	2.1	0.32	13	31	590	12	0.59	78	3	68	208	0.60	0.19	7	0.01	1200	8	0.01	5	0.09	358	10	39	6	<0.01	<1	3	90	>10000	5
AW 13	2.0	0.39	43	27	345	9	2.90	33	12	29	20	1.12	0.27	7	0.03	3948	5	0.01	4	0.11	78	<1	91	11	<0.01	<1	9	32	3493	4
AW 14	0.8	0.22	44	28	665	18	0.05	11	5	76	85	2.06	0.14	<1	0.06	1588	3	0.02	4	0.01	303	9	9	32	<0.01	<1	7	12	1306	2
AW 15	1.2	0.14	181	29	560	14	0.35	3	16	38	625	1.87	0.14	4	0.03	795	11	0.02	4	0.09	49	637	67	29	<0.01	<1	4	4	398	6
AW 16	>100	0.14	436	19	106	23	0.32	953	10	15	124	<0.01	0.06	<1	0.11	431	7	0.01	3	0.01	>10000	159	111	43	0.01	1	22	1220	>10000	1
AW 17	10.4	0.34	140	19	132	76	0.04	29	20	42	54	2.24	0.35	<1	0.01	95	4	0.04	4	0.06	1674	111	19	158	<0.01	37	19	26	2897	5
AW 18	>100	0.02	6	23	216	7	0.09	20	1	62	17	1.40	0.04	<1	<0.01	87	1	0.01	2	0.01	>10000	257	88	15	<0.01	2	1	21	2366	<1
AW 19	28.6	<0.01	372	20	90	397	0.04	4	42	80	39	<0.01	0.01	<1	0.01	411	1	0.02	3	<0.01	876	80	5	114	<0.01	24	2	1	87	3
AW 20	5.3	0.08	36	26	236	5	1.78	35	9	104	35	0.77	0.05	1	0.03	1079	4	0.01	8	0.02	6315	22	432	6	<0.01	<1	3	52	6034	1
AW 21	<0.5	0.17	60	26	171	8	0.36	1	3	59	7	1.15	0.12	8	0.03	219	15	0.02	3	0.02	116	3	23	15	<0.01	<1	1	1	85	3
AW 22	0.8	0.30	38	22	162	18	1.16	12	26	43	177	1.97	0.34	2	0.18	1512	17	0.02	8	0.04	125	<1	48	33	<0.01	<1	3	13	1342	6
AW 23	4.4	0.12	35	26	295	13	2.02	8	13	30	60	1.82	0.12	5	0.13	2565	2	0.02	5	0.08	274	48	487	26	<0.01	<1	12	8	830	2
AW 24	<0.5	0.11	15	29	102	2	0.92	<1	2	92	116	0.56	0.10	7	0.03	545	1	0.01	4	<0.01	43	72	44	9	<0.01	<1	1	1	57	14
AW 25	<0.5	0.20	2	29	144	4	1.57	<1	1	85	5	0.82	0.16	4	0.20	858	3	0.02	3	<0.01	29	<1	76	10	<0.01	<1	<1	1	36	8
AW 26	12.6	0.16	1041	23	352	163	0.02	2	<1	45	80	<0.01	0.54	<1	<0.01	35	128	0.02	1	0.10	3547	1408	26	123	0.01	28	9	1332	521	7
AW 27	3.1	0.09	10	18	442	115	0.01	3	<1	36	165	<0.01	0.03	<1	<0.01	29	20	0.02	1	0.01	848	165	35	157	<0.01	42	6	20	530	7
AW 28	1.6	0.17	71	30	1625	7	0.03	5	4	73	215	1.16	0.13	2	0.05	36	11	0.02	5	0.01	1403	130	95	13	0.01	<1	12	16	737	5
AW 29	<0.5	0.08	44	30	2138	4	0.05	2	3	101	38	0.81	0.08	1	<0.01	19	5	0.01	4	0.02	1136	33	70	8	<0.01	<1	2	5	244	4
AW 30	0.8	0.11	64	28	1529	6	0.02	1	9	73	63	1.13	0.12	1	<0.01	17	4	0.02	4	<0.01	2085	50	82	11	<0.01	1	3	3	57	4
Blank	<0.5	<0.01	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<0.01	<0.01	<1	<0.01	<1	<1	<0.01	<1	<0.01	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1

* Sample is digested with Aqua Regia at 95C for one hour and bulked to 20 ml with distilled water.
Partial dissolution for Al, B, Ba,Ca, Cr,Fe,K,La,Mg,Mn,Na,P,Sr,Ti and W.

* Sample received on September 6, 2016

Certified by: _____

Loring Laboratories (Alberta) Ltd.

629 Beaverdam Road N.E.,
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To:
Mountian Boy Minerals
PO Box 859 426 King St.
Stewart BC V0T 1W0

File No : 6 0 2 6 5
Date : October 24, 2016
Samples : Rock

Attn: Ed Kruchkowski

30 ELEMENT ICP ANALYSIS

Sample No.	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
AW 31	<0.5	0.10	111	30	348	13	0.02	1	1	81	5	1.69	0.39	2	<0.01	17	4	0.02	2	0.07	301	8	34	21	<0.01	1	3	3	79	3
AW 32	8.7	0.10	409	32	237	13	0.10	18	4	52	1167	1.60	0.28	<1	<0.01	11	26	0.03	1	0.01	>10000	22	213	19	<0.01	2	7	30	2931	5
AW 33	>100	<0.01	30	19	255	67	0.02	52	9	15	26	2.10	0.06	5	<0.01	>10000	12	0.02	5	0.02	>10000	10	197	127	<0.01	<1	<1	62	7036	<1
AW 34	4.0	<0.01	35	27	288	3	5.59	3	2	20	<1	0.53	0.03	8	0.03	>10000	1	<0.01	1	0.01	1086	6	434	2	<0.01	<1	<1	7	681	<1
AW 35	0.8	0.25	235	27	323	29	0.13	104	22	50	31	<0.01	0.23	<1	0.02	6537	13	0.02	7	0.04	779	9	12	60	<0.01	<1	4	122	>10000	5
AW 36	2.5	0.16	312	32	360	11	5.30	10	8	19	16	1.63	0.15	6	0.06	>10000	3	0.01	11	0.04	181	11	399	20	<0.01	<1	<1	8	790	<1
AW 37	<0.5	0.24	12	36	204	4	0.09	1	1	85	9	0.63	0.19	5	0.01	128	3	0.02	4	0.01	219	1	8	10	<0.01	<1	2	3	294	8
AW 38	2.4	0.03	4	24	76	5	5.41	2	1	5	<1	0.87	0.06	6	1.80	>10000	1	0.01	<1	0.01	89	<1	343	6	<0.01	<1	<1	3	324	<1
AW 39	1.6	0.23	11	16	34	3	3.87	19	1	33	3	0.75	0.01	2	0.18	4065	2	<0.01	1	0.01	14	2	86	5	<0.01	<1	<1	22	2336	1
AW 40	2.3	0.06	105	16	81	6	3.77	1	3	19	5	1.16	0.09	1	0.07	7626	1	<0.01	4	0.02	55	5	513	12	<0.01	<1	<1	1	85	1
AW 41	<0.5	0.16	20	16	111	5	0.58	3	2	53	22	1.16	0.13	<1	0.01	1161	2	0.01	2	0.04	67	4	16	13	<0.01	<1	1	4	370	10
AW 42	1.2	0.03	16	19	78	2	4.21	2	1	39	3	0.36	0.02	1	0.06	2078	2	0.01	2	0.02	10	0	507	2	<0.01	<1	<1	3	339	1
AW 43	2.4	0.16	62	21	260	5	4.26	11	16	19	2	0.96	0.12	4	0.04	9010	4	0.01	3	0.03	160	10	318	8	<0.01	<1	<1	9	1017	2
AW 44	2.4	<0.01	82	15	197	2	4.31	6	1	5	<1	0.51	0.01	1	0.06	8516	3	<0.01	1	0.01	118	3	376	2	<0.01	<1	<1	8	864	<1
AW 45	8.2	0.33	387	21	38	11	1.48	33	25	79	14	1.53	0.03	<1	0.11	1533	186	0.01	5	0.02	1188	56	47	22	<0.01	19	58	33	3589	3
AW 46	<0.5	0.33	10	18	128	7	0.77	1	3	38	81	1.32	0.24	11	0.02	540	2	0.03	1	0.07	14	14	27	21	<0.01	<1	8	1	96	6
AW 47	4.5	0.34	445	19	60	23	0.07	6	3	64	20	1.77	0.01	<1	<0.01	1257	10	0.01	<1	0.01	76	36	4	49	<0.01	<1	43	3	274	<1
AW 48	<0.5	2.05	4	13	237	7	3.27	2	2	12	<1	1.22	0.32	7	0.03	1782	2	0.01	<1	0.05	27	2	46	18	<0.01	<1	7	1	108	9
AW 49	1.6	2.41	13	15	50	11	2.59	1	8	13	3	1.49	0.25	<1	0.14	1022	5	0.01	1	0.05	116	10	103	28	<0.01	<1	8	1	122	7
AW 50	2.0	1.83	3	14	785	9	3.50	2	1	16	5	1.35	0.22	<1	0.03	1363	1	0.01	1	0.04	70	4	98	22	<0.01	<1	5	1	129	9
AW 51	2.9	0.33	14	16	455	9	3.50	162	1	34	3	1.38	0.02	5	0.05	2932	2	<0.01	1	0.01	140	17	173	18	<0.01	<1	29	6	124	4
AW 52	<0.5	1.67	8	16	201	18	0.11	2	5	22	<1	1.68	0.14	3	0.02	1909	2	0.01	<1	0.05	23	5	9	44	<0.01	<1	38	1	141	3
AW 53	1.2	1.69	79	12	156	27	0.05	2	1	43	8	1.70	0.13	<1	0.01	706	11	0.01	<1	0.02	3	21	7	58	<0.01	5	42	2	160	1
AW 54	2.0	1.08	1205	11	167	49	0.03	2	3	12	9	1.63	0.26	<1	<0.01	1429	24	0.02	<1	0.13	39	116	111	110	<0.01	11	45	1	137	<1
AW 55	17.3	0.06	1117	12	192	92	0.01	3	<1	29	75	1.58	0.02	<1	<0.01	6	76	0.01	<1	0.00	2792	155	17	124	<0.01	38	6	26	517	<1
AW 56	1.6	0.10	232	18	210	5	0.02	<1	<1	19	5	1.01	0.21	3	<0.01	17	3	0.01	<1	0.03	89	2	11	10	<0.01	<1	1	<1	12	1
AW 57	5.4	0.23	81	17	114	10	2.17	1	18	10	26	1.50	0.25	<1	0.03	1990	1	0.01	6	0.12	52	6	152	21	<0.01	<1	11	2	166	<1
AW 58	2.5	1.13	111	17	36	39	2.45	2	1	13	<1	1.45	0.03	<1	0.52	>10000	2	0.01	<1	0.03	<1	12	113	77	<0.01	<1	<1	1	55	1
AW 59	3.7	0.54	119	17	95	12	1.72	17	29	5	31	1.58	0.38	<1	0.09	2497	12	0.03	2	0.11	324	17	21	26	0.04	<1	8	13	1411	1
AW 60	1.6	0.67	106	18	75	10	3.17	19	18	6	14	1.39	0.32	3	0.15	5747	12	0.02	1	0.11	165	10	50	20	0.06	<1	<1	18	1918	1
Blank	<0.5	<0.01	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<0.01	<0.01	<1	<0.01	<1	<1	<0.01	<1	<0.01	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1

* Sample is digested with Aqua Regia at 95C for one hour and bulked to 20 ml with distilled water.
Partial dissolution for Al, B, Ba,Ca, Cr,Fe,K,La,Mg,Mn,Na,P,Sr,Ti and W.

* Sample received on September 6, 2016

Certified by: _____

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loringlabs@telus.net

To:
Mountian Boy Minerals
PO Box 859 426 King St.
Stewart BC V0T 1W0

Attn: Ed Kruchkowski

File No : 6 0 2 6 5
Date : October 24, 2016
Samples : Rock

30 ELEMENT ICP ANALYSIS

Sample No.	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
AW 61	1.2	0.68	46	17	153	7	2.71	7	20	13	11	1.25	0.28	3	0.14	3585	6	0.03	2	0.12	235	5	46	15	0.04	<1	<1	8	814	3
AW 62	<0.5	0.43	188	20	65	14	1.59	3	12	19	19	1.58	0.28	<1	0.05	2518	83	0.03	5	0.09	93	53	83	29	<0.01	<1	13	5	513	3
AW 63	<0.5	0.27	4	19	53	24	0.25	2	3	33	1	1.62	0.28	<1	0.14	3701	1	0.01	<1	0.08	<1	5	18	50	<0.01	<1	<1	4	419	<1
AW 64	<0.5	0.29	37	16	92	5	0.36	1	5	19	11	1.05	0.25	6	0.03	912	2	0.02	2	0.06	96	8	12	13	<0.01	<1	3	2	206	5
AW 65	<0.5	0.05	165	20	24	2	0.01	<1	1	114	870	0.52	0.03	<1	<0.01	46	22	<0.01	4	<0.01	48	32	2	4	<0.01	<1	5	<1	44	<1
AW 66	>100	<0.01	>10000	11	14	182	0.11	4	<1	20	8833	1.50	0.01	<1	0.43	>10000	1	0.02	<1	<0.01	172	410	1	152	<0.01	<1	<1	62	523	<1
AW 67	>100	0.06	3133	12	7	24	0.15	830	2	43	338	1.57	0.10	<1	0.27	9241	1	0.01	1	0.01	9829	463	16	42	<0.01	<1	<1	1399	<1	<1
AW 68	3.3	1.11	112	15	36	13	3.99	14	8	18	55	1.42	0.01	<1	0.38	3802	1	<0.01	<1	0.04	308	7	214	23	0.01	<1	131	14	1525	1
KMJ 1	6.4	0.20	89	19	268	6	1.23	3	7	15	25	1.21	0.16	5	0.01	2163	3	0.01	2	0.10	119	14	74	14	<0.01	<1	3	4	439	3
KMJ 2	2.7	0.25	83	21	228	6	1.56	9	6	11	13	1.11	0.21	5	0.01	2243	3	0.01	2	0.11	54	8	21	12	<0.01	<1	3	11	1106	2
KMJ 3	2.5	0.23	136	19	240	7	0.83	45	5	9	19	1.31	0.20	2	0.01	1085	3	0.01	2	0.12	38	8	18	15	<0.01	<1	6	32	3611	2
KMJ 4	6.0	0.13	61	18	149	3	3.50	67	3	13	13	0.76	0.12	3	0.02	5909	9	0.01	2	0.05	2023	31	409	6	<0.01	<1	<1	62	6837	5
KMJ 5	<0.5	0.18	26	22	295	3	0.11	4	2	63	12	0.72	0.12	3	0.01	638	21	0.01	3	0.02	285	4	11	8	<0.01	<1	1	5	534	5
KMJ 6	2.8	0.42	89	19	299	16	0.07	10	2	15	33	1.64	0.28	<1	<0.01	391	8	0.02	<1	0.09	444	18	80	31	<0.01	2	7	26	1714	1
KMJ 7	2.9	0.25	290	20	274	14	0.20	6	11	18	26	1.58	0.19	<1	<0.01	1947	9	0.01	2	0.10	105	23	13	25	<0.01	<1	4	10	957	2
KMJ 8	2.4	0.25	103	21	347	7	0.60	15	9	15	16	1.22	0.19	5	0.01	3886	3	0.01	3	0.10	59	12	25	14	<0.01	<1	<1	19	1900	3
KMJ 9	14.4	0.25	160	17	297	32	0.01	19	5	15	54	1.87	0.13	4	<0.01	3724	26	0.01	3	0.02	723	<1	16	67	<0.01	<1	3	30	3087	1
KMJ 10	13.2	0.13	99	21	107	6	3.94	74	5	8	13	1.10	0.14	<1	0.07	>10000	2	<0.01	6	0.04	628	5	436	11	<0.01	<1	8	56	5951	2
KMJ 11	33.5	0.11	136	22	105	8	3.92	281	8	9	170	1.23	0.11	<1	0.02	8602	49	0.01	7	0.04	4939	58	609	14	<0.01	<1	10	548	>10000	5
KMJ 12	4.3	0.25	51	20	107	20	0.06	2	1	43	10	1.70	0.40	<1	<0.01	81	9	0.02	3	0.03	184	<1	46	30	<0.01	8	3	21	254	<1
KMJ 13	26.7	<0.01	42	23	58	8	4.00	104	5	4	1	1.14	0.03	<1	0.07	>10000	12	<0.01	10	0.01	2005	15	1250	10	<0.01	<1	13	119	>10000	<1
KMJ 14	1.2	0.09	24	26	270	2	0.30	30	6	87	12	0.54	0.06	6	<0.01	1318	2	0.01	5	0.02	912	7	13	5	<0.01	<1	2	11	1175	4
KMJ 15	15.2	0.11	53	24	175	3	1.70	51	7	73	77	0.79	0.08	<1	0.04	1454	15	<0.01	5	0.02	2667	49	106	6	<0.01	<1	3	74	8105	2
KMJ 16	6.9	0.18	170	22	125	16	1.07	29	14	63	29	1.64	0.14	<1	0.02	986	8	0.01	8	0.03	1272	26	100	32	<0.01	3	7	30	3308	<1
KMJ 17	12.5	0.13	288	20	56	17	3.48	55	12	10	46	1.49	0.23	<1	0.04	8810	35	0.01	8	0.07	1545	38	132	34	<0.01	<1	8	92	>10000	1
KMJ 18	8.3	0.86	136	16	89	18	3.43	44	10	12	39	1.45	0.16	<1	0.21	7329	31	0.01	11	0.06	621	3	171	36	<0.01	<1	22	70	7983	<1
KMJ 19	4.4	0.26	23	18	183	11	3.37	1	11	11	628	1.36	0.30	1	1.43	4485	2	0.01	5	0.04	38	1	347	23	<0.01	<1	21	2	194	4
KMJ 20	2.8	0.63	864	20	249	19	0.18	17	9	25	48	1.59	0.39	6	0.02	2279	9	0.02	4	0.04	65	8	25	30	<0.01	<1	14	17	1809	6
KMJ 21	1.6	0.34	87	17	143	17	0.70	2	10	10	21	1.61	0.43	2	0.02	1396	5	0.02	3	0.13	177	<1	21	32	<0.01	<1	6	3	311	1
KMJ 22	<0.5	0.36	21	19	145	17	0.09	1	8	17	12	1.70	0.42	2	0.04	572	3	0.02	4	0.06	133	<1	7	36	<0.01	5	8	1	124	<1
Blank	<0.5	<0.01	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<0.01	<0.01	<1	<0.01	<1	<1	<0.01	<1	<0.01	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1

* Sample is digested with Aqua Regia at 95C for one hour and bulked to 20 ml with distilled water.
Partial dissolution for Al, B, Ba,Ca, Cr,Fe,K,La,Mg,Mn,Na,P,Sr,Ti and W.

* Sample received on September 6, 2016

Certified by: _____

Loring Laboratories (Alberta) Ltd.

629 Beaverdam Road N.E.,
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Tel: 403- 274-2777 Fax: 403-275-0541
loringlabs@telus.net

To:
Mountian Boy Minerals
PO Box 859 426 King St.
Stewart BC V0T 1W0

Attn: Ed Kruchkowski

File No : 6 0 2 6 5
Date : October 24, 2016
Samples : Rock

30 ELEMENT ICP ANALYSIS

Sample No.	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
KMJ 23	<0.5	0.33	191	22	119	10	1.76	1	10	18	12	1.47	0.32	<1	0.13	2330	4	0.02	5	0.08	49	<1	78	23	<0.01	<1	7	1	125	4
KMJ 24	1.6	0.22	2	19	113	13	3.69	1	10	6	<1	1.36	0.23	<1	3.42	4376	<1	0.01	5	0.03	19	<1	450	26	<0.01	<1	21	2	192	3
KMJ 25	2.4	0.26	9	21	76	2	0.72	<1	2	75	3	0.52	0.20	6	0.03	769	2	0.02	3	0.02	15	<1	18	11	<0.01	<1	3	<1	41	8
KMJ 26	<0.5	1.44	18	22	55	8	0.89	<1	21	25	3	1.38	0.22	3	1.52	835	2	0.03	<1	0.13	9	<1	99	18	0.14	<1	112	1	131	3
KMJ 27	<0.5	0.26	35	18	113	3	1.10	1	2	58	7	0.67	0.23	4	0.03	937	5	0.01	4	0.02	24	<1	24	10	<0.01	<1	3	1	121	8
KMJ 28	<0.5	<0.01	7	22	556	8	2.94	1	12	28	<1	1.26	0.10	<1	1.33	>10000	<1	0.01	3	0.13	41	<1	410	13	0.02	<1	29	2	265	<1
KMJ 29	2.7	0.21	8	24	42	5	1.87	7	2	86	9	0.88	0.11	<1	0.04	1786	14	0.01	4	0.02	457	<1	76	7	<0.01	<1	4	12	1305	3
KMJ 30	<0.5	0.27	58	24	118	2	0.38	2	3	50	5	0.67	0.24	11	0.01	516	10	0.01	3	0.01	117	2	18	14	<0.01	<1	2	1	142	13
KMJ 31	<0.5	0.24	8	22	70	3	1.19	2	2	66	6	0.68	0.18	4	0.02	815	3	0.02	4	0.02	38	2	27	12	<0.01	<1	3	2	165	11
KMJ 32	3.6	0.12	7	15	15	5	4.07	4	1	2	4	0.93	0.09	<1	0.36	8988	6	<0.01	2	0.02	94	<1	341	8	<0.01	<1	9	5	586	1
KMJ 33	7.0	0.16	34	16	54	11	2.19	9	15	6	61	1.50	0.21	<1	0.03	2752	9	0.01	7	0.11	316	15	158	23	<0.01	<1	5	19	2063	2
KMJ 34	1.7	0.25	9	23	123	2	0.68	1	2	51	3	0.44	0.20	5	0.02	625	4	0.01	4	0.01	16	<1	16	10	<0.01	<1	2	1	72	11
KMJ 35	5.5	0.21	337	20	393	27	0.03	3	6	39	24	1.69	0.21	7	<0.01	4896	50	0.01	4	0.10	207	<1	30	61	<0.01	<1	4	11	1127	<1
KMJ 36	9.3	0.11	70	19	704	23	0.02	1	<1	42	16	1.40	0.06	2	<0.01	59	16	0.01	2	0.01	230	43	10	17	<0.01	3	4	7	125	1
KMJ 37	6.9	0.11	99	17	554	35	0.03	1	<1	75	10	1.73	0.07	2	<0.01	31	50	0.01	16	<0.01	118	12	12	38	<0.01	10	3	195	366	<1
KMJ 38	20.8	0.03	134	15	30	73	0.03	6	1	18	28	1.62	<0.01	<1	<0.01	<1	26	0.02	2	0.04	1271	<1	18	92	<0.01	29	3	33	882	<1
KMJ 39	<0.5	0.09	34	22	516	11	0.02	6	10	65	11	1.32	0.14	2	<0.01	18	4	0.01	5	<0.01	134	4	13	14	<0.01	3	2	11	936	2
KMJ 40	4.3	0.38	98	22	486	8	0.18	4	6	18	44	1.35	0.28	7	0.01	242	17	0.01	4	0.10	376	3	12	18	<0.01	<1	9	11	1096	1
KMJ 41	59.3	0.16	363	19	198	24	0.01	1	<1	60	162	1.68	0.10	<1	<0.01	25	115	0.01	9	0.06	7240	179	34	45	<0.01	13	8	10	783	<1
KMJ 42	32.6	0.11	746	19	117	20	3.53	85	9	15	73	1.52	0.12	<1	0.09	6345	47	0.01	7	0.04	4975	39	174	39	<0.01	<1	7	140	>10000	2
KMJ 43	9.7	0.02	672	16	295	10	3.80	72	8	25	41	1.36	0.04	<1	0.01	7418	14	<0.01	5	0.02	1187	18	79	19	<0.01	<1	5	59	6567	2
KMJ 44	19.4	0.25	79	21	109	12	2.89	94	11	22	57	1.41	0.26	<1	0.21	4063	18	0.01	9	0.08	3599	36	341	23	<0.01	<1	10	92	>10000	2
KMJ 45	38.4	0.23	165	17	83	21	1.63	114	22	16	93	1.62	0.26	<1	0.04	2681	15	0.01	12	0.08	5551	56	43	44	<0.01	<1	9	121	>10000	<1
KMJ 46	17.0	0.26	86	19	125	12	3.72	73	17	19	57	1.46	0.23	<1	0.11	6785	4	0.01	12	0.06	1923	26	171	23	<0.01	<1	11	69	7719	1
KMJ 47	3.6	0.18	23	17	208	9	4.19	6	3	40	11	1.38	0.06	<1	0.05	4717	1	<0.01	1	0.01	57	3	124	17	0.01	<1	27	4	320	1
KMJ 48	2.8	0.25	50	19	196	12	0.68	31	19	32	45	1.66	0.16	<1	0.14	2733	49	0.01	3	0.05	413	<1	28	25	<0.01	<1	29	13	1664	6
KMJ 49	1.6	0.11	25	18	156	3	0.06	1	10	85	17	0.81	0.10	8	<0.01	56	10	0.01	3	0.03	100	4	18	9	<0.01	<1	3	1	191	8
KMJ 50	9.9	0.32	31	19	47	9	2.86	58	17	34	115	1.39	0.23	2	0.04	1410	4	0.01	3	0.06	542	6	81	18	<0.01	<1	13	100	7871	8
KMJ 51	<0.5	0.16	1	14	96	7	2.48	1	2	40	7	1.28	0.09	1	0.64	1097	1	0.03	<1	0.07	10	<1	342	16	<0.01	<1	8	0	83	3
KMJ 52	7.8	0.21	461	14	47	24	0.35	9	8	31	8	1.68	0.21	<1	0.33	>10000	1	0.01	2	0.05	242	<1	13	41	<0.01	<1	9	16	1904	5
Blank	<0.5	<0.01	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<0.01	<0.01	<1	<0.01	<1	<1	<0.01	<1	<0.01	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1

* Sample is digested with Aqua Regia at 95C for one hour and bulked to 20 ml with distilled water.
Partial dissolution for Al, B, Ba,Ca, Cr,Fe,K,La,Mg,Mn,Na,P,Sr,Ti and W.

* Sample received on September 6, 2016

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To:
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Stewart BC V0T 1W0

Attn: Ed Kruchkowski

File No : 6 0 2 6 5
Date : October 24, 2016
Samples : Rock

30 ELEMENT ICP ANALYSIS

Sample No.	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
KMJ 53	1.2	0.18	304	16	81	11	2.14	2	23	61	7	1.51	0.17	<1	0.40	4308	10	0.01	1	0.03	24	<1	117	22	<0.01	<1	4	2	309	7
KMJ 54	>100	0.17	1457	13	55	18	1.02	108	6	57	1198	1.63	0.16	<1	0.30	9815	1	0.01	1	0.05	427	838	33	34	<0.01	<1	9	126	8581	2
RZ - 1	27.6	0.13	9	18	122	2	0.71	142	1	83	14	0.55	0.01	2	0.09	793	<1	<0.01	2	<0.01	4427	23	511	4	<0.01	<1	11	161	9994	<1
RZ - 3	6.5	0.09	11	17	124	8	2.60	16	2	106	24	1.37	0.04	<1	0.04	2802	2	0.01	4	0.01	525	<1	687	16	<0.01	<1	11	21	2433	1
RZ - 3A	3.6	0.06	12	19	213	7	0.22	13	3	119	52	1.38	0.03	<1	0.01	1536	5	<0.01	5	0.02	75	12	29	16	<0.01	<1	2	14	1813	1
RZ - 4A	41.2	0.01	18	26	323	4	0.02	2	<1	65	13	0.68	0.01	<1	<0.01	53	1	<0.01	2	0.01	>10000	19	595	5	<0.01	1	1	2	225	<1
RZ - 4B	39.9	0.01	29	18	233	5	0.02	3	<1	62	12	0.81	0.01	<1	<0.01	37	1	<0.01	1	0.01	>10000	22	561	6	<0.01	2	1	2	226	<1
RZ - 5	56.8	0.09	4	18	299	2	0.49	44	1	72	8	0.58	0.01	<1	0.10	589	<1	<0.01	2	<0.01	2960	11	657	4	<0.01	<1	8	47	5124	<1
RZ - 6	12.2	0.37	32	16	181	9	1.00	43	9	26	33	1.44	0.18	<1	0.13	1874	1	0.01	3	0.07	1224	2	387	18	0.01	<1	22	41	4328	1
RZ - 7	>100	0.18	7	17	84	4	0.62	203	1	90	21	1.03	0.03	<1	0.13	834	<1	<0.01	2	<0.01	8465	54	369	9	<0.01	<1	16	241	>10000	<1
RZ - 8	17.7	0.11	9	18	212	3	1.27	63	4	66	11	0.75	0.09	1	0.02	1397	1	<0.01	2	0.02	1057	5	493	6	<0.01	<1	8	67	6473	<1
RZ - 9	8.4	0.18	20	17	252	3	0.23	37	5	54	16	0.77	0.08	2	0.01	625	6	<0.01	3	0.02	2056	11	343	7	<0.01	<1	5	49	5286	3
RZ - 10	16.8	0.46	14	18	178	4	0.74	61	7	26	15	1.00	0.18	4	0.14	987	3	0.01	7	0.06	5970	14	348	10	0.01	<1	13	70	6585	3
RZ - 11	24.7	0.93	19	13	273	8	1.19	23	11	78	22	1.39	0.13	<1	0.66	4014	1	0.01	6	0.03	2578	<1	235	18	0.04	<1	47	27	3004	1
RZ - 12	81.3	0.07	63	16	44	7	3.50	207	7	33	127	1.23	0.08	<1	0.02	7412	16	0.01	4	0.02	2249	131	345	13	<0.01	<1	6	309	>10000	3
RZ - 13	12.8	0.30	33	19	192	10	0.60	5	12	39	194	1.54	0.19	6	0.06	2809	2	0.01	5	0.06	763	13	94	24	<0.01	<1	12	5	706	7
RZ - 14	8.2	0.13	140	18	149	13	1.01	2	12	34	186	1.65	0.13	<1	0.09	3336	8	0.01	3	0.06	219	8	149	29	<0.01	<1	10	3	395	5
RZ - 15	2.0	0.26	10	18	437	14	0.70	4	5	23	436	1.68	0.19	2	0.11	3850	1	0.01	1	0.06	112	<1	94	32	<0.01	<1	9	4	523	7
RZ - 16	32.9	<0.01	22	18	48	5	4.16	118	2	1	6	0.84	0.01	10	0.04	>10000	12	<0.01	2	0.01	3027	28	1457	5	<0.01	<1	17	159	8107	<1
RZ - 17	11.6	0.19	71	19	208	15	0.83	5	8	54	722	1.59	0.13	<1	0.15	3709	6	0.01	4	0.04	222	433	161	34	<0.01	<1	11	5	666	8
RZ - 18	25.6	0.26	71	21	153	6	2.98	37	11	9	40	1.16	0.19	3	0.03	4765	4	0.01	4	0.09	1758	39	215	12	<0.01	<1	12	35	3640	6
RZ - 19	<0.5	0.20	13	20	399	6	1.02	10	6	70	26	1.19	0.17	3	0.01	2227	8	0.01	3	0.03	80	<1	21	15	<0.01	<1	5	12	1453	12
RZ - 20	<0.5	0.51	34	19	269	8	0.98	1	8	9	52	1.35	0.28	3	0.16	1170	3	0.01	6	0.07	17	<1	33	17	<0.01	<1	7	1	173	5
RZ - 22	0.8	0.67	6	20	326	12	3.33	1	10	18	11	1.47	0.45	<1	0.45	3241	<1	0.01	2	0.10	13	<1	240	26	0.09	<1	78	1	206	2
RZ - 23	<0.5	1.63	10	18	221	12	0.70	1	23	17	1	1.54	0.43	1	1.53	849	1	0.02	5	0.14	10	<1	53	29	0.08	<1	120	1	209	2
RZ - 28	0.8	1.45	7	22	135	10	2.77	1	26	17	37	1.46	0.25	<1	1.58	1151	1	0.03	7	0.09	9	<1	106	22	0.20	<1	145	1	185	5
RZ - 29	9.9	0.06	225	20	183	5	3.79	24	13	54	20	0.97	0.07	1	0.13	4833	23	0.01	3	0.02	185	13	305	9	<0.01	<1	7	25	2645	1
MBHG -1	>100	0.09	2	19	14	11	0.44	1362	13	79	572	0.73	0.02	<1	0.04	732	23	0.01	2	<0.01	>10000	6	52	4	<0.01	<1	6	2262	>10000	<1
MBHG -2	>100	0.44	165	19	52	11	2.66	83	12	51	>10000	1.37	0.18	<1	0.32	3583	5	0.01	2	0.04	1745	1480	179	18	0.01	<1	35	80	6613	1
MBHG -3	>100	0.55	4	17	326	11	3.01	12	21	63	1840	1.47	0.04	2	0.35	4262	1	<0.01	4	0.01	400	55	254	21	0.02	<1	45	23	2068	1
Blank	<0.5	<0.01	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<0.01	<0.01	<1	<0.01	<1	<1	<0.01	<1	<0.01	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1

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Sample No.	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
MBHG - 4	>100	1.13	1130	21	61	12	2.53	234	18	54	>10000	1.39	0.05	<1	0.41	4623	2	0.01	2	0.01	>10000	16430	198	23	<0.01	<1	37	270	9663	1
MBHG - 5	>100	0.30	5	18	146	8	1.77	80	11	105	1652	1.29	0.01	<1	0.18	2297	2	<0.01	4	<0.01	389	108	186	14	<0.01	<1	24	108	7877	<1
MBHG - 6	>100	0.10	17	20	716	3	4.89	12	5	27	1128	0.64	0.01	8	0.09	7183	2	<0.01	2	<0.01	3163	237	333	4	<0.01	<1	<1	<1	918	<1
MBHG - 7	>100	0.11	3	22	1156	6	3.15	5	5	75	787	1.18	0.01	2	0.09	3096	2	<0.01	2	<0.01	2554	33	176	11	<0.01	<1	24	3	782	<1
MBHG - 8	>100	0.61	4	22	1183	8	2.90	5	24	38	264	1.40	0.02	1	0.54	3895	1	<0.01	4	0.01	1763	42	276	15	0.01	<1	20	<1	1332	1
MBHG - 9	>100	0.42	3	19	900	8	3.82	40	22	66	3772	1.36	0.01	4	0.29	5308	1	<0.01	8	<0.01	790	85	167	14	<0.01	<1	19	<1	3968	<1
MBHG - 10	>100	0.43	2	22	585	9	3.04	3	18	90	1155	1.49	0.03	1	0.28	4041	1	<0.01	5	0.01	126	23	92	18	0.01	<1	15	<1	799	1
MBHG - 11	>100	0.06	3	20	1361	4	4.08	7	3	84	730	0.85	0.01	6	0.06	4677	4	<0.01	3	<0.01	2249	51	157	6	<0.01	<1	<1	1	747	<1
MBHG - 12	>100	0.10	95	22	45	9	1.03	444	51	71	>10000	1.36	0.05	<1	0.12	4223	1	0.01	5	<0.01	2854	4309	57	15	<0.01	<1	<1	<1	>10000	<1
MBHG - 13	>100	0.30	3	29	39	14	2.02	336	47	170	>10000	1.54	0.05	<1	0.20	3995	1	0.01	9	<0.01	>10000	90	60	18	<0.01	<1	15	<1	9652	<1
MBM - 1	>100	0.05	3	24	38	3	0.44	1134	3	116	4875	0.73	0.01	<1	0.02	694	1	0.01	2	<0.01	>10000	21	180	4	<0.01	<1	5	4	>10000	<1
MBM - 2	>100	0.04	9	19	26	3	0.03	823	9	125	1123	0.52	0.01	<1	0.02	175	1	<0.01	3	<0.01	2313	50	52	3	<0.01	<1	2	1	>10000	<1
MBM - 3	85.8	0.09	1	23	19	4	0.03	829	11	103	602	0.89	0.01	<1	0.06	286	1	0.01	3	<0.01	391	3	33	7	<0.01	<1	4	6	>10000	<1
MBM - 4	57.1	0.08	2	21	25	4	0.03	739	10	102	429	0.73	0.01	<1	0.05	522	1	<0.01	3	<0.01	1082	4	38	5	<0.01	<1	2	7	>10000	<1
MBM - 5	>100	0.04	3	20	15	20	0.01	1154	13	89	2133	1.64	0.01	<1	0.02	313	4	0.01	1	<0.01	2439	17	42	21	<0.01	<1	27	67	>10000	<1
MBM - 6	>100	0.11	1	22	120	7	0.03	94	2	124	7032	1.29	<0.01	1	0.06	355	1	0.01	4	<0.01	>10000	13	266	13	<0.01	<1	20	17	>10000	<1
MBM - 7	>100	0.70	213	19	123	9	1.95	62	13	56	9211	1.50	0.07	<1	0.25	2907	1	<0.01	2	0.02	4035	2860	477	18	<0.01	<1	41	<1	6040	1
MBM - 8	75.7	1.07	62	20	551	11	3.35	30	12	40	1445	1.54	0.17	10	0.35	5432	2	0.01	2	0.04	1186	500	338	21	<0.01	<1	24	<1	3665	<1
MBM - 9	>100	0.83	3	21	1325	12	0.90	34	10	39	1523	1.70	0.10	2	0.54	1976	1	0.01	1	0.02	1336	11	340	25	0.04	<1	23	18	6123	1
MBM - 10	>100	0.93	3	28	1562	11	1.66	4	8	28	1594	1.61	0.19	3	0.49	1608	1	0.01	1	0.02	349	12	384	24	0.05	<1	27	15	2913	1
MBM - 11	45.2	1.38	16	28	35	12	2.49	570	91	91	4429	1.61	0.08	3	0.76	3970	103	0.01	9	0.02	>10000	-34	118	25	0.01	<1	53	<1	>10000	1
MBM - 12	>100	0.20	6	38	72	6	9.23	1213	5	25	1649	1.09	0.02	73	0.18	4932	25	0.01	4	0.01	>10000	76	124	5	<0.01	<1	5	<1	>10000	<1
MBM - 13	>100	0.18	4	31	22	7	1.23	1717	28	116	458	1.23	0.01	3	0.03	2605	5	0.01	3	<0.01	>10000	52	82	10	<0.01	<1	23	8	>10000	1
MBM - 14	>100	0.08	21	84	106	5	0.86	39	2	146	>10000	1.19	0.01	5	0.02	734	12	0.02	3	<0.01	>10000	362	341	11	<0.01	<1	6	8	6282	1
MBM - 15	>100	0.02	4	28	15	8	0.03	2019	12	137	1901	0.57	0.01	<1	0.01	104	2	0.01	4	<0.01	>10000	43	46	2	<0.01	2	2	9	>10000	<1
MBM - 16	>100	1.31	2	17	31	26	1.46	681	20	61	795	1.90	0.02	4	0.89	4009	1	0.01	2	<0.01	3655	46	81	27	<0.01	<1	15	<1	>10000	1
MBM - 17	>100	0.23	1	90	74	8	1.12	264	5	96	2446	1.23	0.03	<1	0.11	604	3	0.01	2	<0.01	1659	5	266	11	<0.01	<1	9	14	>10000	1
MBF 1	>100	0.29	16	24	34	15	0.04	1223	4	26	>10000	2.16	0.05	<1	0.21	322	82	0.01	<1	0.01	1273	167	176	34	0.02	6	39	<1	>10000	2
MBF 2	>100	1.68	4	21	116	19	0.20	37	15	30	>10000	2.18	0.13	<1	1.56	2191	20	0.01	<1	0.07	1990	<1	208	49	0.07	<1	92	<1	3735	5
MBF 3	37.9	0.10	1	25	38	3	2.11	553	6	135	836	0.90	0.01	8	0.07	1303	2	0.01	3	<0.01	537	11	109	7	<0.01	<1	3	<1	>10000	<1
Blank	<0.5	<0.01	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<0.01	<0.01	<1	<0.01	<1	<1	<0.01	<1	<0.01	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1

* Sample is digested with Aqua Regia at 95C for one hour and bulked to 20 ml with distilled water.
Partial dissolution for Al, B, Ba,Ca, Cr,Fe,K,La,Mg,Mn,Na,P,Sr,Ti and W.

* Sample received on September 6, 2016

Certified by: _____

Kilometres

0 50

To accompany report by Ken Konkin

MOUNTAIN BOY MINERALS LIMITED

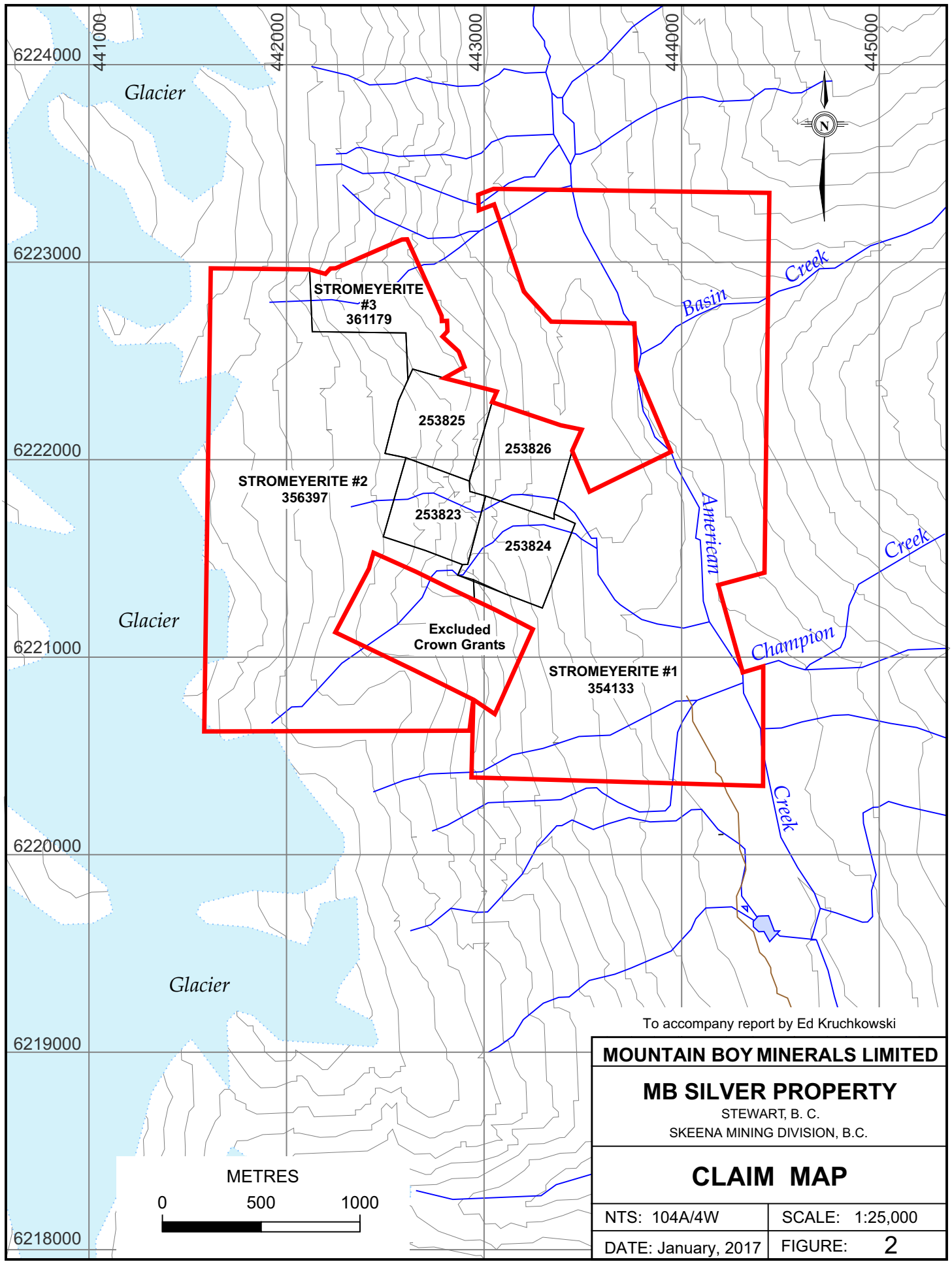
MB SILVER PROPERTY

STEWART, B. C.

SKEENA MINING DIVISION, B.C.

LOCATION MAP

NTS: 104A/4W	SCALE: As Shown
DATE: January, 2017	FIGURE: 1



To accompany report by Ed Kruchkowski

MOUNTAIN BOY MINERALS LIMITED

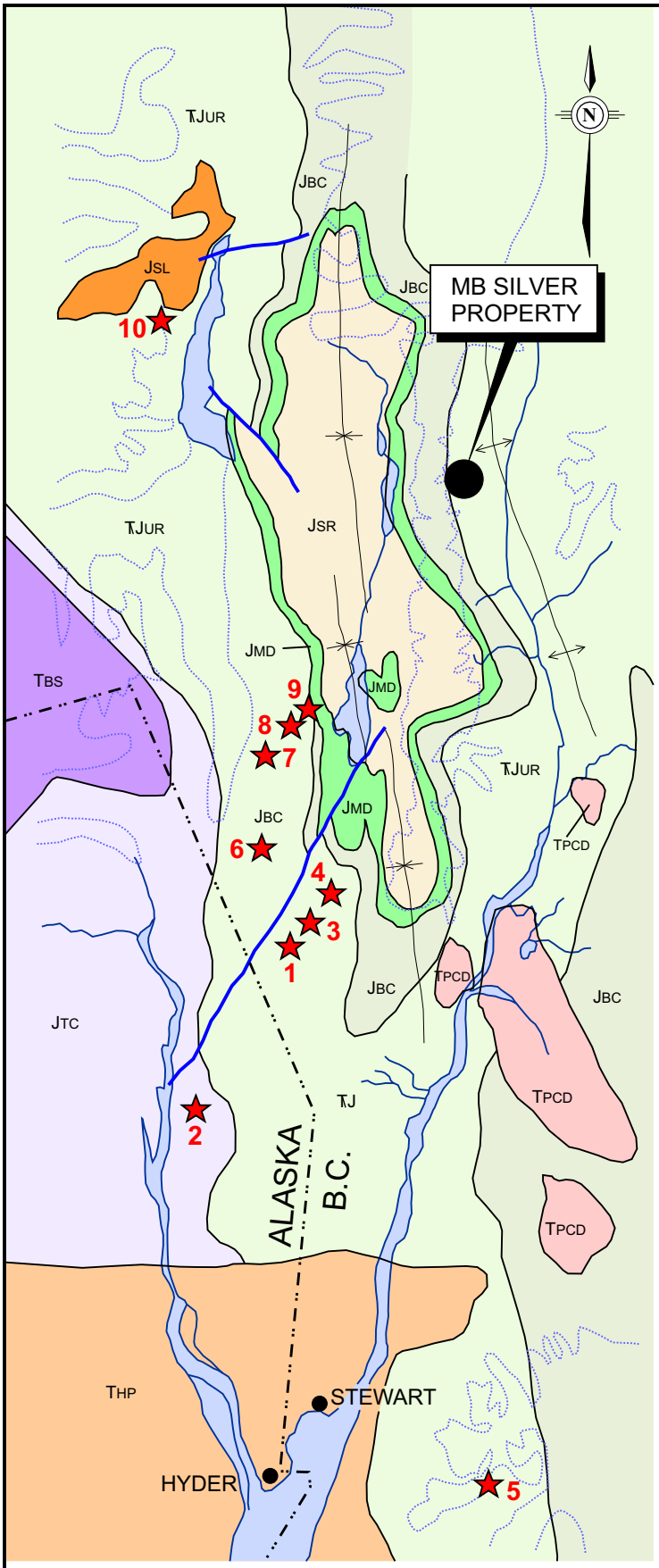
MB SILVER PROPERTY

STEWART, B. C.

SKEENA MINING DIVISION, B.C.

CLAIM MAP

NTS: 104A/4W	SCALE: 1:25,000
DATE: January, 2017	FIGURE: 2



LEGEND

TERTIARY

- TBS — BOUNDARY STOCK, granodiorite
- THP — HYDER PLUTON; granodiorite, quartz monzonite
- TPCD — PORTLAND CANAL DYKE SWARM

JURASSIC

- JSR — SALMON RIVER FORMATION; siltstone, sandstone
- JMD — MOUNT DILLWORTH FORMATION; felsic tuffs, breccias
- JBC — BETTY CREEK FORMATION; siltstones, intermediate tuff, breccia
- JSL — SUMMIT LAKE STOCK; granodiorite
- JTC — TEXAS CREEK BATHOLITH; granodiorite

TRIASSIC

- TJUR — UNUK RIVER FORMATION; intermediate tuff, breccia, flows

Anticline, Syncline

Icefield

Fault

MAJOR MINERAL DEPOSIT

1. PREMIER SELBACK
2. RIVERSIDE
3. B.C. SILVER
4. SEBAKWE
5. PORTER-IDAHO
6. INDIAN
7. SILVER BUTTE
8. BIG MISSOURI
9. DAGO HILL
10. SCOTTIE GOLD

KILOMETRES

0 5 10

To accompany report by E. Kruchkowski

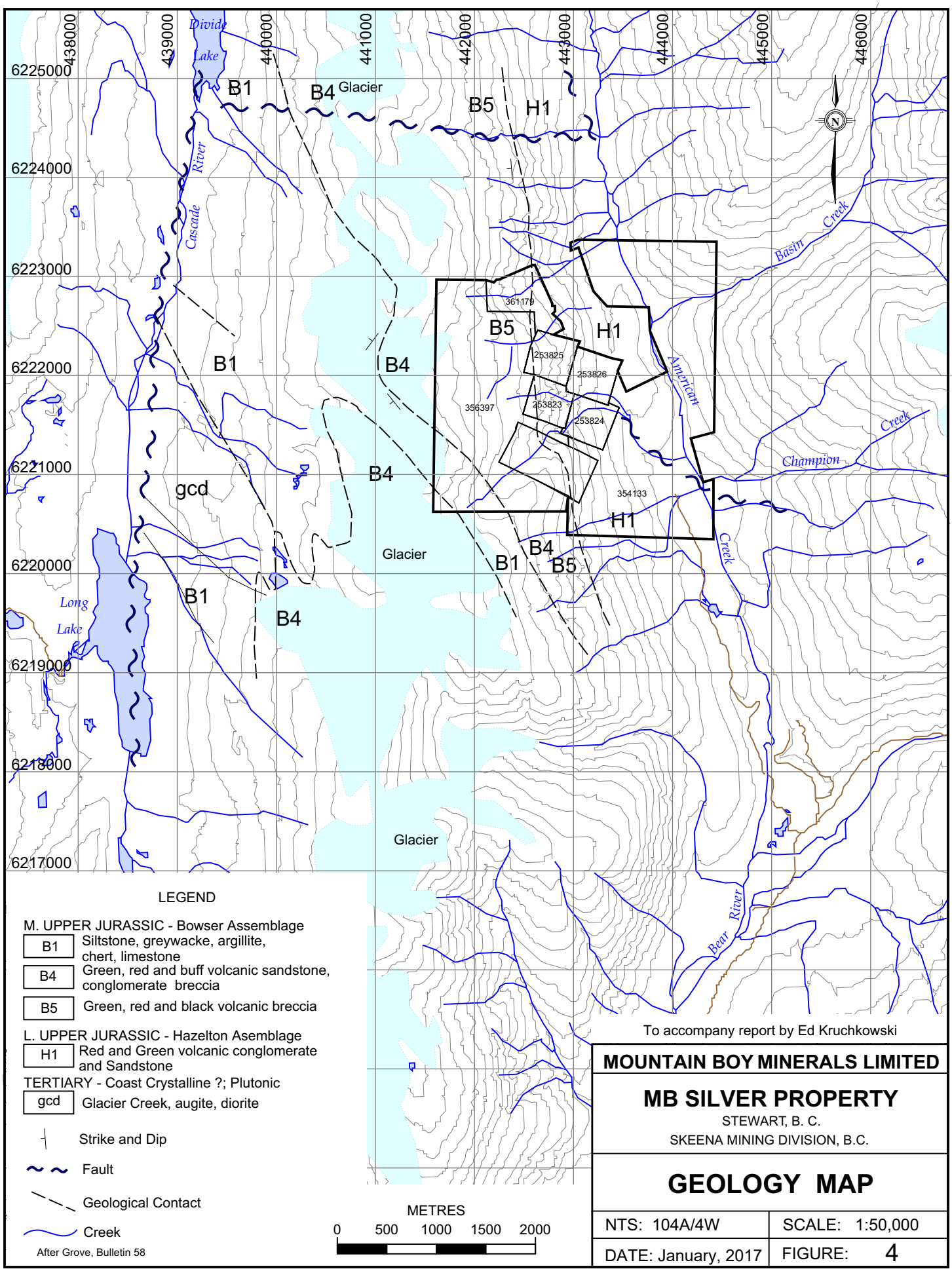
MOUNTAIN BOY MINERALS LIMITED

MB SILVER PROPERTY

SKEENA MINING DIVISION, B.C.

REGIONAL GEOLOGY

NTS: 104A/4W. 103P/13W	SCALE: As Shown
DATE: January, 2017	FIGURE: 3



LEGEND

M. UPPER JURASSIC - Bowser Assemblage

- B1 — Siltstone, greywacke, argillite, chert, limestone
- B4 — Green, red and buff volcanic sandstone, conglomerate breccia
- B5 — Green, red and black volcanic breccia

L. UPPER JURASSIC - Hazelton Asemblage

- H1 — Red and Green volcanic conglomerate and Sandstone

TERTIARY - Coast Crystalline ?; Plutonic

- gcd — Glacier Creek, augite, diorite

Strike and Dip

Fault

Geological Contact

Creek

After Grove, Bulletin 58

METRES

0 500 1000 1500 2000

To accompany report by Ed Kruchkowski

MOUNTAIN BOY MINERALS LIMITED

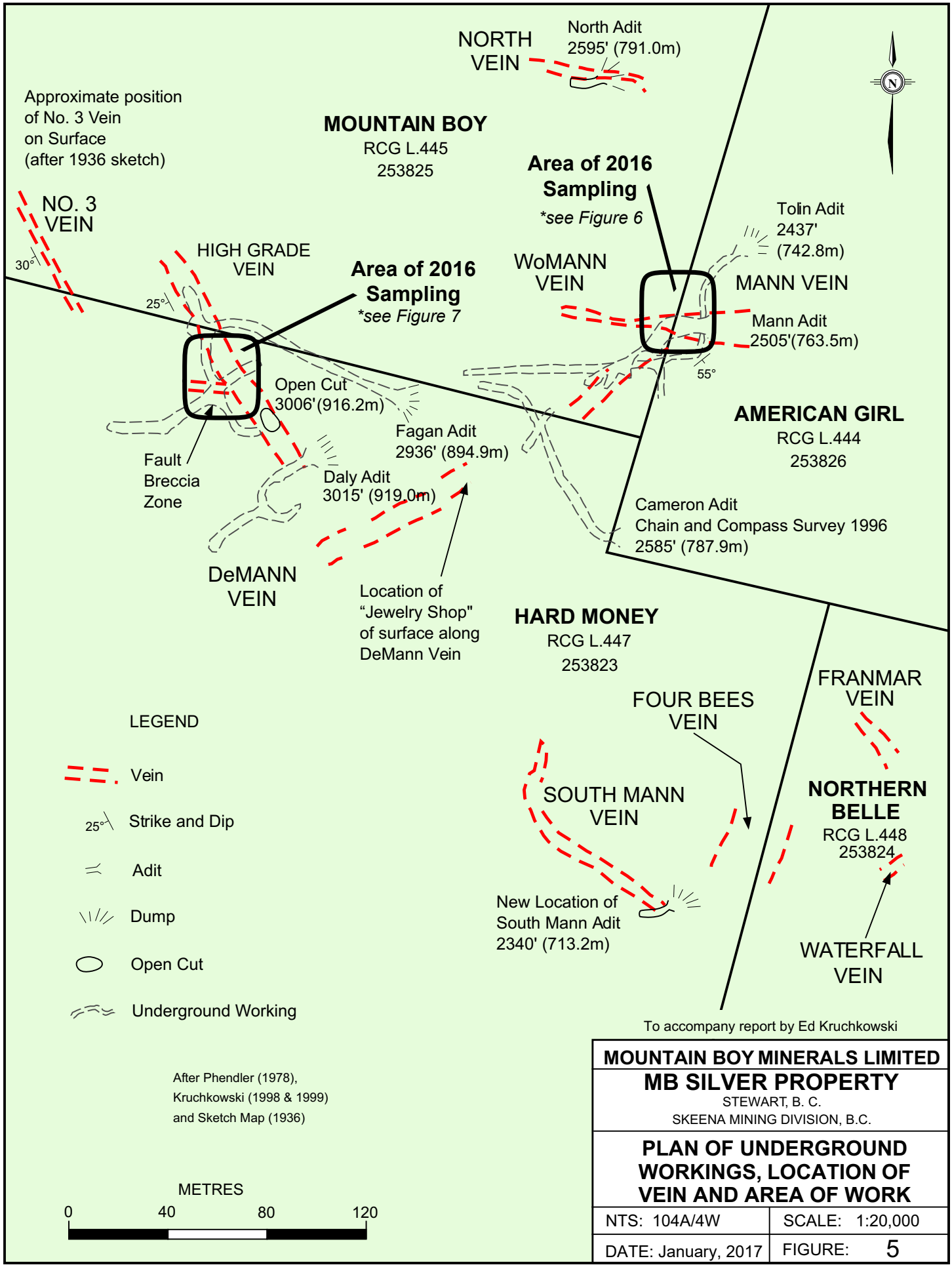
MB SILVER PROPERTY

STEWART, B. C.

SKEENA MINING DIVISION, B.C.

GEOLOGY MAP

NTS: 104A/4W	SCALE: 1:50,000
DATE: January, 2017	FIGURE: 4



To accompany report by Ed Kruchkowski

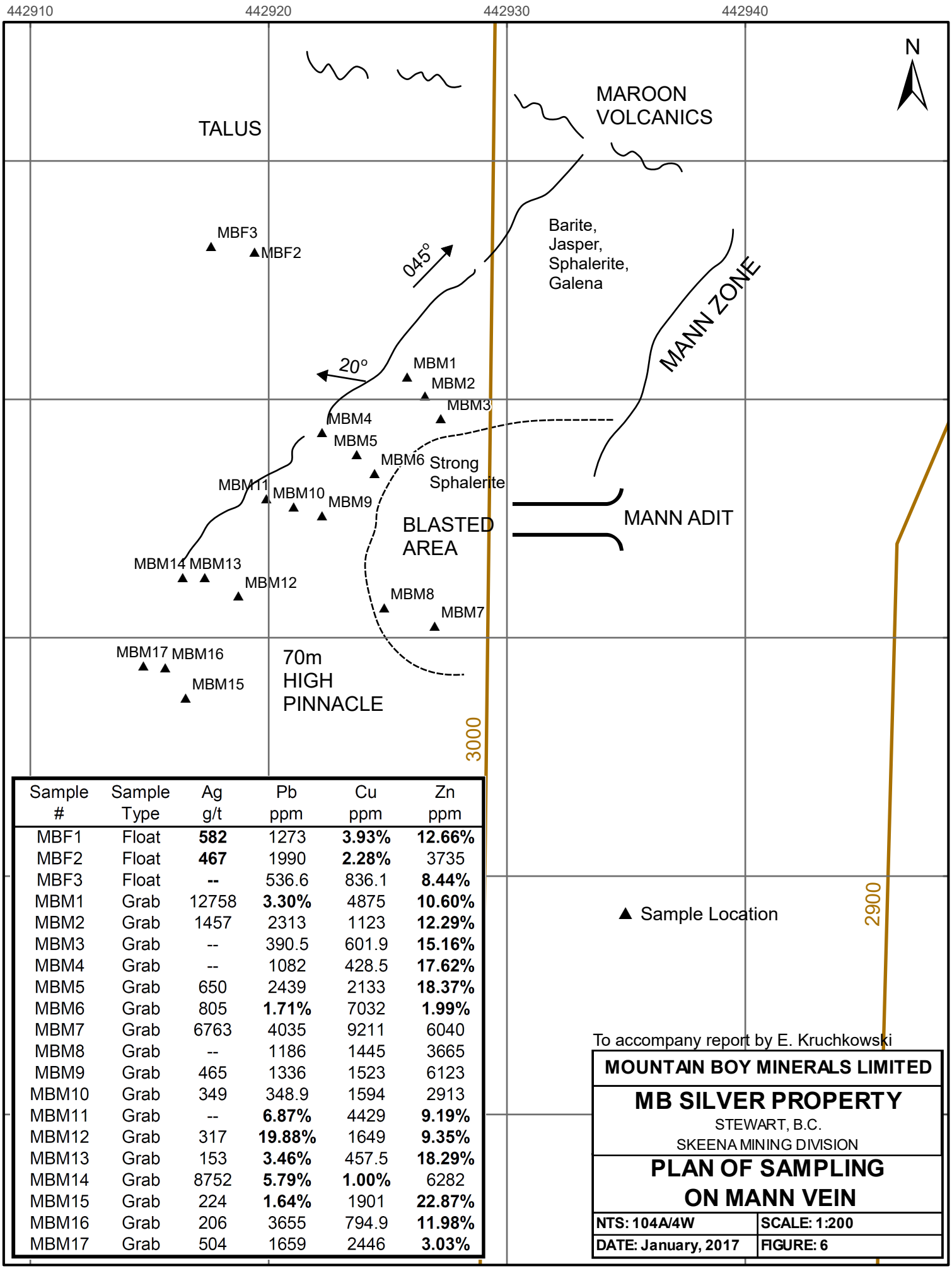
MOUNTAIN BOY MINERALS LIMITED

MB SILVER PROPERTY

STEWART, B. C.
SKEENA MINING DIVISION, B.C.

PLAN OF UNDERGROUND WORKINGS, LOCATION OF VEIN AND AREA OF WORK

NTS: 104A/4W	SCALE: 1:20,000
DATE: January, 2017	FIGURE: 5



Sample #	Sample Type	Ag g/t	Pb ppm	Cu ppm	Zn ppm
MBF1	Float	**582**	1273	**3.93%**	**12.66%**
MBF2	Float	**467**	1990	**2.28%**	3735
MBF3	Float	**--**	536.6	836.1	**8.44%**
MBM1	Grab	12758	**3.30%**	4875	**10.60%**
MBM2	Grab	1457	2313	1123	**12.29%**
MBM3	Grab	--	390.5	601.9	**15.16%**
MBM4	Grab	--	1082	428.5	**17.62%**
MBM5	Grab	650	2439	2133	**18.37%**
MBM6	Grab	805	**1.71%**	7032	**1.99%**
MBM7	Grab	6763	4035	9211	6040
MBM8	Grab	--	1186	1445	3665
MBM9	Grab	465	1336	1523	6123
MBM10	Grab	349	348.9	1594	2913
MBM11	Grab	--	**6.87%**	4429	**9.19%**
MBM12	Grab	317	**19.88%**	1649	**9.35%**
MBM13	Grab	153	**3.46%**	457.5	**18.29%**
MBM14	Grab	8752	**5.79%**	**1.00%**	6282
MBM15	Grab	224	**1.64%**	1901	**22.87%**
MBM16	Grab	206	3655	794.9	**11.98%**
MBM17	Grab	504	1659	2446	**3.03%**

▲ Sample Location

To accompany report by E. Kruchkowski

MOUNTAIN BOY MINERALS LIMITED

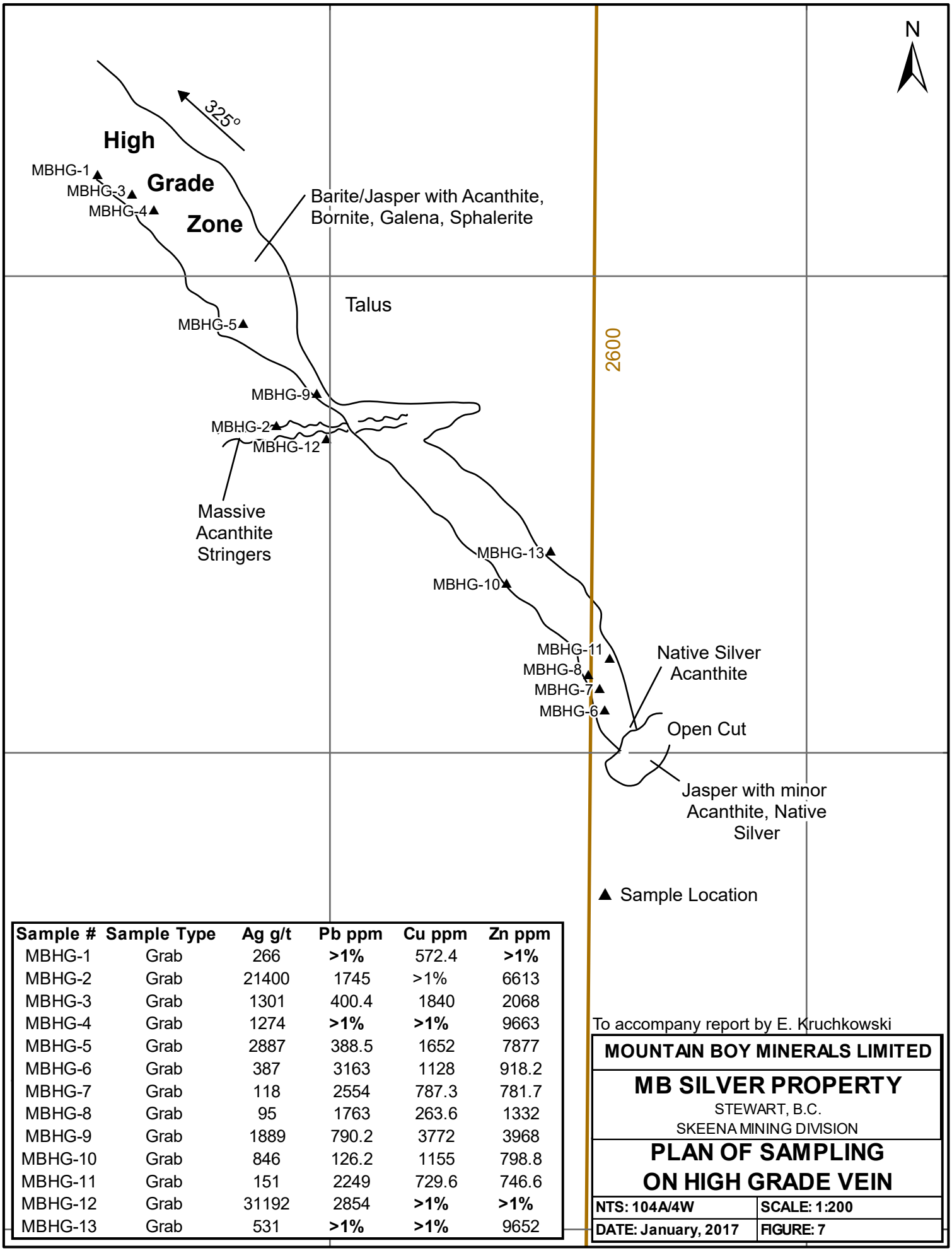
MB SILVER PROPERTY

STEWART, B.C.

SKEENA MINING DIVISION

PLAN OF SAMPLING ON MANN VEIN

NTS: 104A/4W	SCALE: 1:200
DATE: January, 2017	FIGURE: 6



Sample #	Sample Type	Ag g/t	Pb ppm	Cu ppm	Zn ppm
MBHG-1	Grab	266	**>1%**	572.4	**>1%**
MBHG-2	Grab	21400	1745	>1%	6613
MBHG-3	Grab	1301	400.4	1840	2068
MBHG-4	Grab	1274	**>1%**	**>1%**	9663
MBHG-5	Grab	2887	388.5	1652	7877
MBHG-6	Grab	387	3163	1128	918.2
MBHG-7	Grab	118	2554	787.3	781.7
MBHG-8	Grab	95	1763	263.6	1332
MBHG-9	Grab	1889	790.2	3772	3968
MBHG-10	Grab	846	126.2	1155	798.8
MBHG-11	Grab	151	2249	729.6	746.6
MBHG-12	Grab	31192	2854	**>1%**	**>1%**
MBHG-13	Grab	531	**>1%**	**>1%**	9652

To accompany report by E. Kruchkowski

MOUNTAIN BOY MINERALS LIMITED

MB SILVER PROPERTY

STEWART, B.C.
SKEENA MINING DIVISION

PLAN OF SAMPLING ON HIGH GRADE VEIN

NTS: 104A/4W	SCALE: 1:200
DATE: January, 2017	FIGURE: 7