

# **DIAMOND DRILLING ASSESSMENT REPORT**

on the

## **DOME MOUNTAIN PROJECT**

OMINECA MINING DIVISION  
BRITISH COLUMBIA, CANADA

NTS 93L / 10E  
LAT. 54°44'N LONG. 126°37'W

**BC Geological Survey  
Assessment Report  
32606**

**FOR**

**GAVIN MINES INC. and  
METAL MOUNTAIN RESOURCES INC.  
SUITE 413, BENTALL 3 - 595 BURRARD ST.  
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**BY**

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**DECEMBER, 2011**

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## **INTRODUCTION**

This report has been commissioned by the management of Metal Mountain Resources Inc. (Metal Mountain). The report documents results from two diamond drilling campaigns conducted by Metal Mountain on the Dome Mountain Project between February 22 and March 8 and between August 10 and September 28, 2010.

The "off-lease" portion of the work program consisted of 21 holes totaling 3392.7 metres of HQ and NQ diamond drilling on tenures 238086, 238538 and 382560. Gavin Mines Inc. (Gavin) is the current registered owner of the tenures but Metal Mountain was the registered owner at the time of the work programs. Gavin is a wholly owned associate company of Metal Mountain. Total cost of the "off-lease" program was \$409,855.

## **LOCATION AND ACCESS**

The mineral claims that are the subject of this assessment report are located approximately 38 kilometres due east of the town of Smithers in northwest British Columbia at 126°37' W longitude and 54°44' N latitude. The claims are within the Omineca Mining Division on NTS Map Sheet 93L 10E (Figure 1).

The claims are road accessible from Smithers by 64 km of mostly gravel all-weather roads. From a point on Highway 16, 4 km south of Smithers, the route follows the Babine Lake (Eckman) Road to km 38, then turns southeast on the Chapman Forest Service Road for 16 km to km 69, and then winds generally uphill in a southwesterly direction for 4 km on the Dome Mountain Mine access road to the 1290 Portal.

## **MINERAL TENURE**

This report covers assessment work recorded on September 26, 2011 and applied to the claims listed in Table 1 and displayed in Figure 2. All claims are registered in the name of Gavin Mines Inc.

The total area for the recorded work is 10 916.14 ha.

The expiry dates listed in Table 1 are pending acceptance of this report.

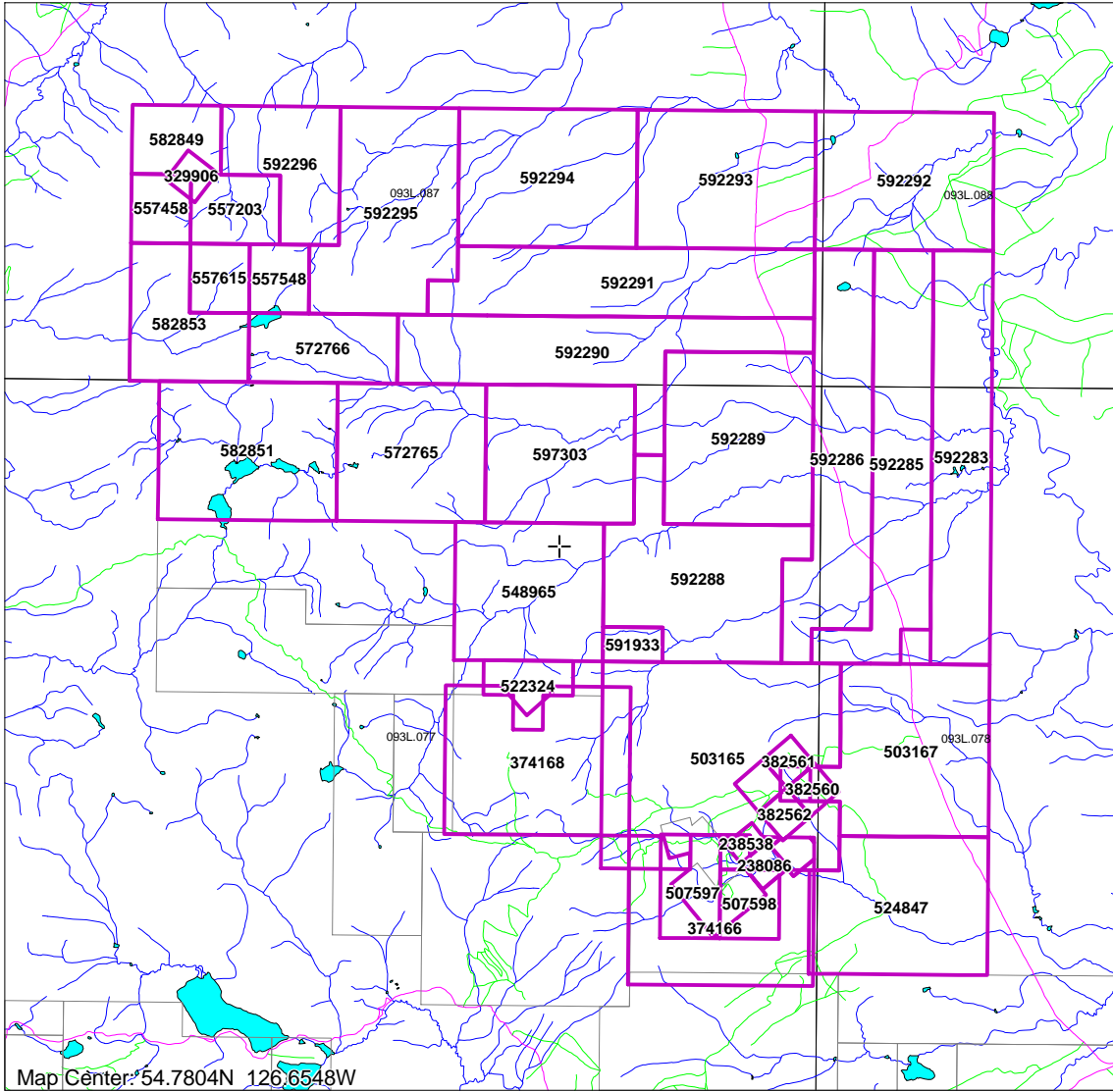
# PROPERTY INVENTORY

## BRITISH COLUMBIA



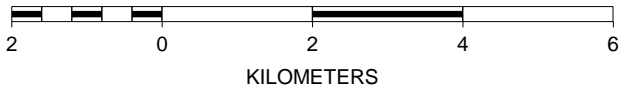
Figure 1 - Location Map

<b>Table 1 - Claim Status</b>			
<b>Tenure No.</b>	<b>Claim Name</b>	<b>Good Until</b>	<b>Area (ha)</b>
238086	REFER TO LOT TABLE	20181002	25
238538	COPE 1	20181002	25
329906	DREA	20181002	25
374166	DOME 400	20151002	500
374168	DOME 100	20151002	500
381072	HOO	20151002	25
382560	FREE GOLD - 1	20181002	25
382561	FREE GOLD - 2	20181002	25
382562	FREE GOLD - 3	20181002	25
382563	FREE GOLD - 4	20181002	25
503165		20151002	802.648
503167		20151002	485.32
507597		20181002	93.367
507598		20181002	74.697
522324		20181002	74.649
524847		20151002	429.516
525968	HOO FRACTION	20151002	18.671
548965		20181002	373.138
557203		20181002	111.8122
557458		20181002	74.5415
557548		20181002	74.5568
557615		20181002	74.5567
572765		20181002	372.9769
572766		20181002	186.4304
582849		20181002	111.789
582851		20181002	447.5711
582853		20181002	223.7009
591933	LITTLE MCKINNY	20151002	37.32
592283	HILO	20151002	447.5908
592285	HILO	20151002	466.2488
592286	HILO	20151002	466.2409
592288	HILO	20151002	466.4077
592289	HILO	20151002	466.2104
592290	HILO	20151002	466.0881
592291	HILO	20151002	465.9911
592292	HILO	20151002	447.2141
592293	HILO	20151002	447.2134
592294	HILO	20151002	447.2097
592295	HILO	20151002	465.8872
592296	HILO	20151002	223.5936
597303		20151002	372.9848
		<b>Total</b>	<b>10916.1421</b>



Map Center: 54.7804N 126.6548W

SCALE 1 : 100,000



**Metal Mountain Resources Inc.**

*Dome Mountain Project  
British Columbia, Canada*

**Figure 2 - Claim Map**

## **CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY**

The area has a moderate climate with an average annual precipitation of approximately 510 mm and annual snowfall of approximately two metres. The area is usually free of snow from June to mid-October with temperatures ranging from a low of -40°C in December and January to a high of 28°C in July and August.

The town of Smithers, with a regional population of 15 000 and situated a one hour drive from km 69 on the Chapman FSR, supplies transportation and retail services to the local area. The town is located on both the Canadian National Railway line to the deep water port of Prince Rupert and on provincial Highway 16 connecting Prince George and Prince Rupert. Daily air service is available from Smithers to other cities in British Columbia. Labour, shops, supplies, and government offices are also available in Smithers.

Site infrastructure consists of two levels of drift development at the 1370 and 1290 metre elevations and a 50 by 40 foot pre-engineered steel building.

Dome Mountain is a glacially rounded summit that reaches an elevation of 1 753 metres above sea level and marks the most southerly occurrence of alpine terrain in the Babine Range. Slopes on the mountain range from gentle to steep but cliffs are rare. Overburden cover consists of alluvial clays, sands, and gravels overlying gravelly boulder till. In the vicinity of the Boulder Vein at approximately 1 300 metre elevation the overburden ranges from one to two metres thick.

Vegetation cover consists of thick stands of mature balsam fir, lodge pole pine and spruce. At elevations above 1 500 metres alpine meadows are common. Outcrop exposure on the wooded slopes is poor and averages less than 1%.

The area is drained by several, small creeks, such as Fedral Creek and Boulder Creek, that flow year round.

## **HISTORY**

The Dome Mountain area has a long history of successful exploration that resulted in the discovery of numerous gold bearing quartz-sulfide veins. The Boulder Vein has a complicated history of development and production with various operators, option agreements and name changes occurring over a short period of time between discovery by Noranda in 1985 and cessation of operations in 1993. A synopsis of the exploration, development and production history is listed in Table 2. It should be noted that the grade of the milled material was calculated based on the ounces that the custom mill paid the operator of the mine and not on the actual head grades.



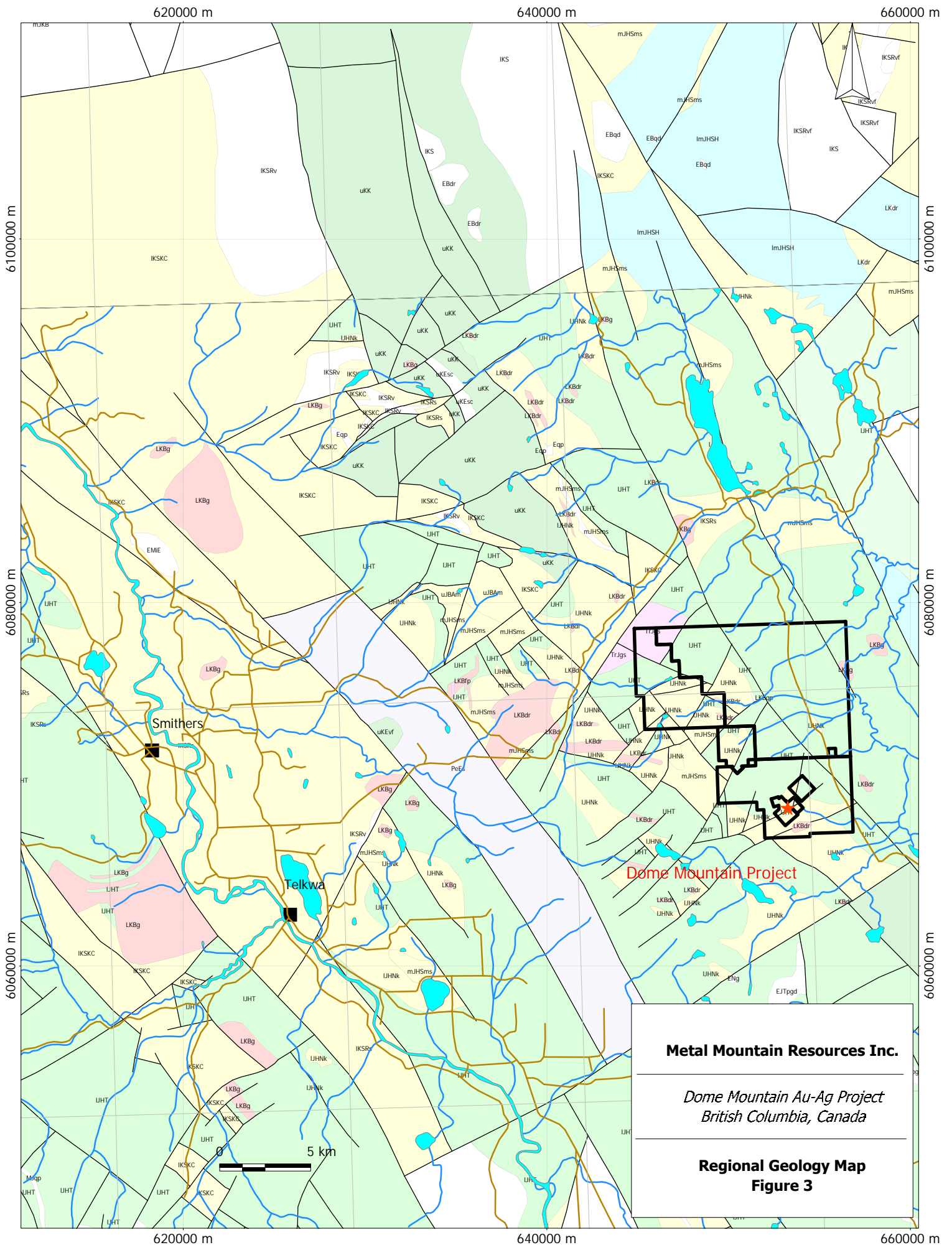
TABLE 2: HISTORY	
Year	Event
1898	Mineral occurrences on Dome Mountain first staked by W.B. Forrest
1923-24	Surface and underground work was done by the Dome Mountain Mining Company Ltd. Work included 32 m of shaft sinking, 102 m of drifting and cross-cutting, and driving of adits on the Forks Vein.
1924-80	No work recorded. Property was acquired by Silver Standard Mines Ltd., McIntyre Mines Ltd., T. L'Orsa, K. Coswan, L. Warren and B. McGowen
1980	Panther Mines Ltd. and Reako Exploration Ltd. optioned L. Warren claims
1981	Reako Exploration Ltd. optioned McIntyre Mines Ltd. claims
1982	Panther Mines Ltd. and Reako Exploration Ltd. optioned Silver Standard Mines Ltd. claims
1984-85	Noranda Exploration Company Ltd. (Noranda) optioned claims from various parties and conducted extensive exploration work consisting of geological mapping, geophysical surveys, geochemical surveys, trenching and diamond drilling. The Boulder Vein was discovered by trenching a zinc soil anomaly on the eastern strike extension of the Cabin Vein.
1985	Canadian United Minerals Inc. (Canadian United) optioned the Noranda interest subject to a back-in right to re-acquire 50%. Canadian United then optioned a 75% interest to Teeshin Resources Inc. (Teeshin).
1986	Canadian United drilled the Boulder Vein. Total Erickson Resources Ltd. (Total) acquired Noranda's back-in rights.
1987	Canadian United formed a joint venture with Total and Teeshin. Surface and underground diamond drilled, air-borne geophysical surveys ( DIGHEM III EM, magnetometer, and VLF-EM), and underground development (1370 adit) were carried out.
1988	Conceptual mine design and cost estimates were prepared by Dynatec Mining Limited.
1989	Teeshin became the operator and drilled 14 holes on the west and east extensions of the Boulder Zone. A feasibility study was completed by M.P.D. Consultants Inc.
1990	Teeshin acquired Canadian United's interest and drilled 10 diamond drill holes on the Boulder Vein
1991	Teeshin formed a joint venture with Timmins Nickel Inc. (Timmins). Teeshin changed its name to Hapsburg Resources Inc. (Hapsburg). Mining commenced on the Boulder Vein and ore was shipped direct to the Equity Silver Mill. The 1290 cross-cut was started.
1992	Mining Lease was approved. Mine operated with 28 employees.
1993	Mining was suspended due to Timmins' financial and legal problems. Total production was 48,400 tons at an average grade of 0.35 oz/ton gold.
1994	Hapsburg changed its name to Dome Mountain Resources Ltd.
1996	Dome Mountain Resources Ltd. changed its name to DMR Resources Ltd. (DMR).
2001	DMR is delisted
2005	DMR transferred ownership of the Mining Lease and their remaining claims to Angel Jade Mines Ltd., K. Coswan, A. L'Orsa and J. L'Orsa (L'Orsa-Coswan-Angel Jade).
2007	Eagle Peak Resources Inc. (Eagle Peak) optioned claims from L'Orsa-Coswan-Angel Jade.
2008	Eagle Peak conducted 3D - IP and ultra-trace soil geochemistry orientation surveys
2009	Eagle Peak drilled 46 HQ diamond drill holes (4817.2 metres in 42 in-fill holes and 888.2 metres in 4 exploration holes)
2010	Metal Mountain Resources (associate of Eagle Peak) drilled 32 HQ and NQ diamond drill holes totaling 4698.4 metres (21 exploration and 11 in-fill holes at the west end of the Boulder Vein)

## **REGIONAL GEOLOGY**

The Dome Mountain Project is situated in the Babine Range of west central British Columbia. The Babine Range is a northwest trending horst of folded and faulted Jurassic and Cretaceous volcanic and sedimentary rocks bounded to the west and east by grabens of Late Cretaceous and younger rocks (Figure 3). The regional stratigraphy has been described by Tipper and Richards (1976) and refined by MacIntyre et al. (1987).

Babine Range is underlain by Early to Middle Jurassic calc-alkalic island arc rocks of the Telkwa, Nilkitkwa, and Smithers Formations. The Nilkitkwa Formation disconformably overlies the Telkwa Formation which in turn disconformably overlies the Smithers Formation.

The structural setting is analogous to the Basin and Range province of the US Southwest and structural development is probably related to Late Cretaceous to Early Tertiary extensional tectonics. This tectonic event is characterized by northeast-trending shearing, which offsets the horst and graben boundaries on major north-trending transcurrent faults. The structure of the area is characterized by asymmetric to overturned, southeast-plunging folds that are truncated by northeast-trending shear zones and northwest-striking high-angle reverse and normal faults.



**Metal Mountain Resources Inc.**

*Dome Mountain Au-Ag Project  
British Columbia, Canada*

**Regional Geology Map  
Figure 3**

## **LOCAL GEOLOGY**

### **Lithology**

The Dome Mountain area is predominantly underlain by the Lower to Middle Jurassic Hazelton Group island arc assemblage. The Telkwa Formation, at the base of the Hazelton Group, is the thickest and most extensive formation. The Nilkitkwa Formation conformably to disconformably overlies the Telkwa Formation and is an important host for mineral occurrences (Figure 4).

The Lower Jurassic Telkwa Formation has been subdivided into four mappable units which are from oldest to youngest: (1) polymictic conglomerate (IJT1); (2) porphyritic andesite (IJT2); (3) fragmental volcanic rock (IJT3); and (4) phyllitic maroon tuff (IJT4). Units 2 and 3 are considered to be proximal vent facies rocks.

The Nilkitkwa Formation is composed of transgressive marine sediments that overlie rhyolite, basalt and red epiclastic rocks. The formation has been subdivided into four mappable units. In ascending stratigraphic order these units are (1) interbedded red epiclastics and amygdaloidal flows (IJN1); (2) rhyolitic volcanic rocks (IJN2); (3) tuffaceous conglomerate, cherty tuff and siltstone (IJN3); and (4) thin-bedded argillite, chert and limestone (IJN4).

The Smithers Formation (mJS) comprises fossiliferous sandstone and siltstone with intercalated felsic tuff that was deposited during a marine transgression. It overlies the Nilkitkwa and Telkwa Formations in a disconformable fashion. It is typically comprised of medium to thick-bedded, dark grey limy siltstone and mudstone and weathers orange to brown. At Dome Mountain, the thick-bedded siltstone grades laterally to a relatively thin unit of well-bedded dark grey argillaceous limestone, limy siltstone, and wacke, with a few thin beds of pebble conglomerate and chert.

Isolated fault bounded blocks of the Bowser Lake Group (Middle-Upper Jurassic Ashman Formation) occur locally. These rocks conformably overlie the Smithers Formation. Late Cretaceous to Tertiary lapilli tuffs and porphyritic andesite flows (uKEv) also outcrop locally in fault bounded blocks

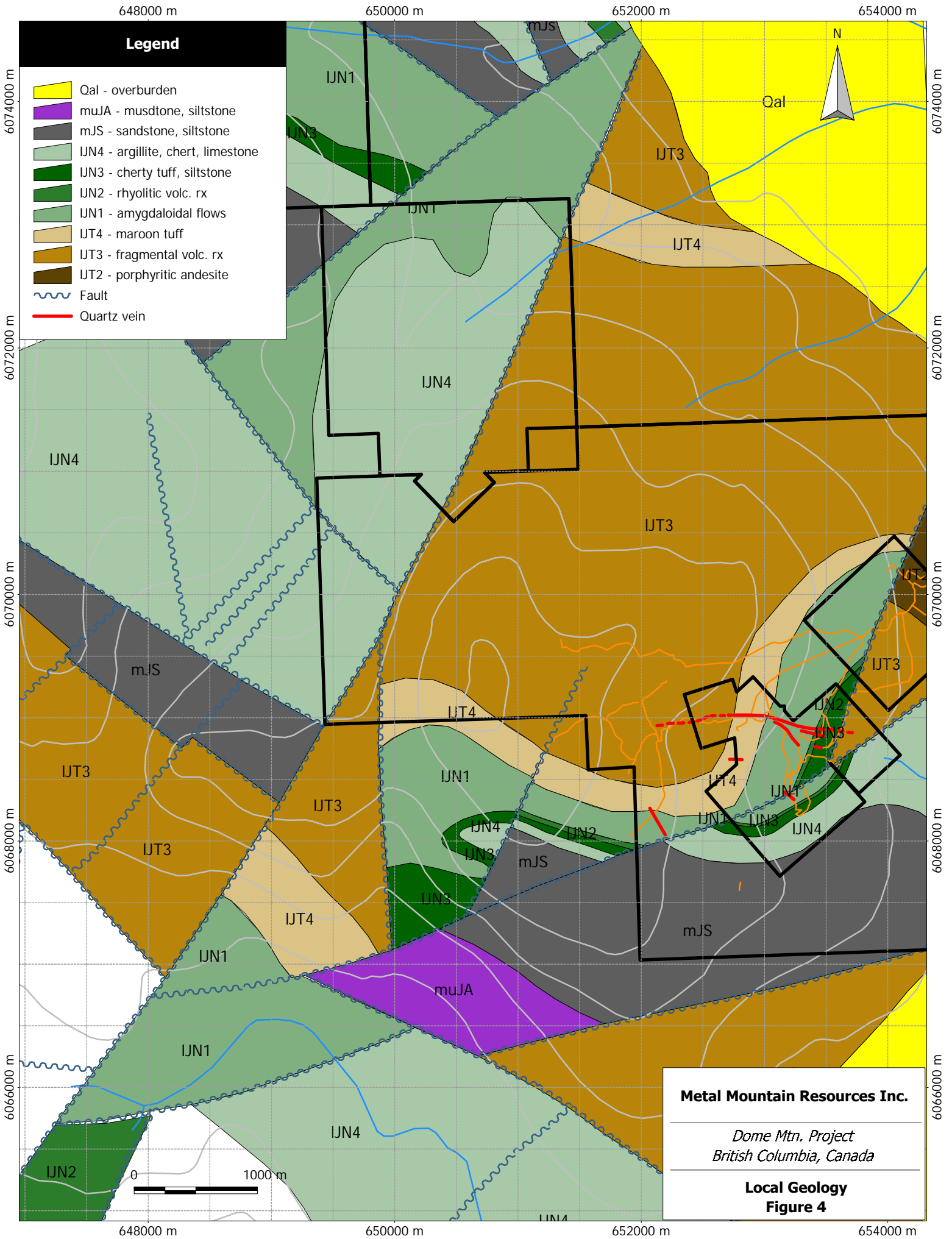
Outcropping intrusive rocks are rare on Dome Mountain. A few outcrops of dioritic intrusive rocks with foliations parallel to the host rocks have been mapped and are considered to be coeval with the Lower Jurassic volcanism. The 1987 airborne magnetic survey revealed several positive magnetic features which suggest the presence of buried intrusives.

### **Structure**

The predominant structural feature on the property is a southeast-trending, southeast plunging and southwest-verging anticline. The lack of an axial planar fabric within this structure indicates an origin due to vertical tectonic events. Doming over an inferred buried intrusive of Late Cretaceous or Early Tertiary age is probable as suggested by a positive magnetic feature which coincides with Dome Mountain. Alternatively, the vertical movements associated with the last tectonic event could be considered as the probable cause of the anticlinal structure.

On a local scale, the sulphide bearing quartz veins are situated along east-trending shear zones which are interpreted as structures reactivated during Late Cretaceous volcanism. The veins trend both northwest and east-west, and are disrupted by northwest-trending post-ore faults.

The most prominent joint orientation is northeast, roughly perpendicular to major fold axes. These steep, northwest-dipping C-joints also parallel prominent airphoto lineaments and several major high-angle faults which offset stratigraphy.



## **PROPERTY GEOLOGY**

The Dome Mountain Project consists of two principal zones of high grade gold-silver mineralization known as the Boulder and Argillite Veins (Figure 5). This subdivision was established by earlier mine workers for the purposes of "reserve" estimation and is a function of vein orientation and host rock lithology. Both veins occur within folded fragmental volcanic rocks of the Telkwa Formation and within amygdaloidal basalts and altered volcanic rocks of the Nilkitkwa Formation. The Boulder Vein has hanging wall and footwall veins and the Argillite Vein has a hanging wall vein. These additional veins are generally splays and shoots off the main vein structures.

In addition to Boulder and Argillite Vein structures, the property is host to the Cabin Vein, Elk Vein, Forks Vein and the 9800 Zone. The Cabin Vein is interpreted as the westward extension of the Boulder Vein. The other veins mentioned are separate from the Boulder Vein system. A modest amount of drilling has been carried out on these veins, but to date, no mineral resources have been defined.

The quartz veins are mineralized with a sulphide assemblage consisting of pyrite, sphalerite, galena, and chalcopyrite. Wall rocks are typically altered and moderately deformed for several metres on either side of the veins.

### **Vein Geometry and Structure**

In Detail, the veins are not simple planar structures. They display variations in thickness, strike and dip. They are gently curved or flexed and are concave towards the south. The veins occur within a deformation zone averaging less than 10 m in thickness. The host rocks are penetratively deformed (sheared) with foliation development most pronounced adjacent to the veins. The veins and associated foliation cross-cut the bedding in the host rocks. The veins display a diverse range of deformation structures. They may be massive, boudinaged, brecciated, banded or tightly folded. Locally minor offsets occur along narrow shears which are parallel to and at high angles to the veins.

The Boulder Vein has an average orientation of 100°/50°S and a strike length of approximately 700 m. Dips tend to be steeper, 50° to 85°S, in the central and eastern portion of the vein and flatter, 30° to 40°S, towards the western extremity. The vein varies in true width from 0.7 m to 4.5 m but averages 1.45 m. Thickness and grade contours demonstrate that the deposit pitches about 45° east within the plane of the vein. Small off-shoots or splays, branching from the main vein structure, occur in the hanging wall and footwall of the main vein. The mineralized zone is particularly thick in the areas of intersection. The thickness and grade of the mineralized vein is most consistent when the hanging wall is amygdaloidal basalt.

The Argillite Vein has an average orientation of about 135°/41°S and a strike length of approximately 220 m. It is a major splay or bifurcation of the Boulder Vein. The mineralization varies in true width from 0.7 m to 4.75 m but averages 1.24 m. Correlations of the Argillite Vein between sections are more difficult than for the Boulder Vein but may still be done with reasonable confidence. The best Argillite Vein mineralization reportedly occurs where the shear zone hosting the vein intersects less competent volcanic sediments. Small splays and offshoots from the main structure are more common in the Argillite Vein.

## **Alteration**

Enveloping the Dome Mountain veins are alteration zones which extend several metres into the wall rocks. These "bleached" zones are characterized by abundant carbonate, and sericite. In close proximity to the vein contacts, the sericite is a distinctive lime green color. Locally, euhedral pyrite is present in the altered zones. The alteration zones rarely contain significant gold/silver mineralization.

The Boulder Vein is characterized by a more pronounced alteration envelope than the Argillite Vein - probably a function of host rock lithology. The correlation of alteration in section is an important consideration for geological interpretation.

Alteration varies both in thickness and intensity and in general, gold mineralization and intensity of alteration are positively correlated. Intensely altered rocks are schistose with an almost white color and disseminated pyrite. Weakly altered rocks are marked by chlorite alteration of mafic minerals.

## **Mineralization**

The veins are characterized by quartz with lesser carbonate and sulphide mineralization. Massive quartz-carbonate veins lacking sulphides are typically barren with respect to gold and silver.

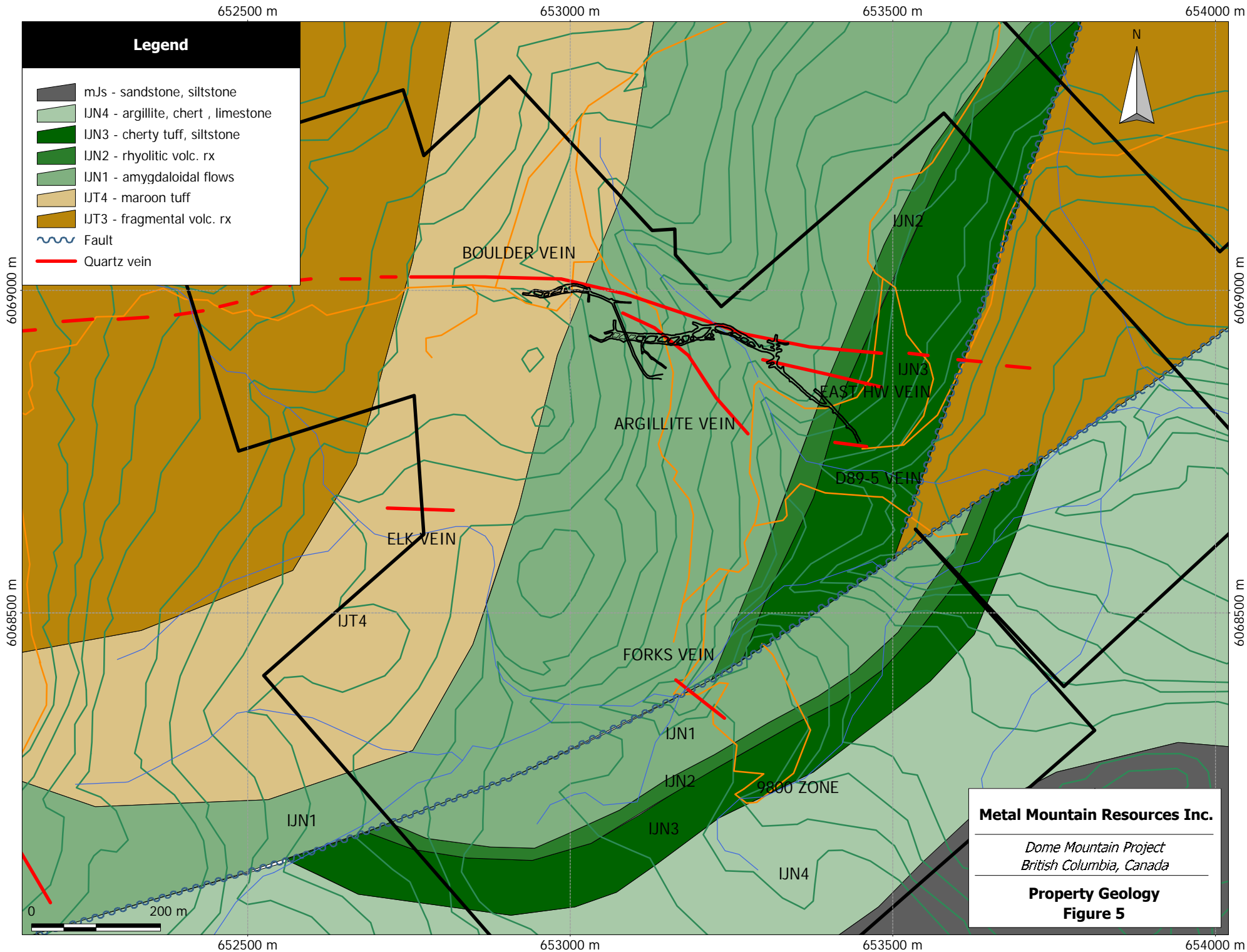
Quartz occurs as both as white massive variety and as a clear variety which is associated with higher gold grades. Carbonate minerals (ankerite and calcite) occur as cream to beige crystals. Small scale folds in the veins attest to continued movement after their formation.

Sulphide minerals in the Boulder Vein constitute approximately 10% of the vein mineralogy. In decreasing order of abundance the sulphide minerals are: pyrite (6%), sphalerite (2.5%), chalcopyrite (1%), and galena-tetrahedrite-arsenopyrite (<1%). Pyrite occurs as fine euhedral cubic crystals disseminated throughout the wall rock alteration and quartz veins. Coarse masses of pyrite also occur as well as some individual pyrite crystals up to one centimetre wide. Often the pyrite crystals show evidence of crushing with the interstices filled with other sulphides. Aggregates of fine-grained reddish brown sphalerite occur as irregular masses associated with pyrite, galena, chalcopyrite and arsenopyrite. Chalcopyrite is commonly intergrown with pyrite. Fine-grained tetrahedrite, galena and arsenopyrite occur as disseminations, as thin fracture coatings, or as fine irregular masses with the other sulphides.

Even though gold grades as high as several grams per metric tonne are present, visible gold is rare. Microscopic examination indicates that the gold usually occurs as minute grains along the pyrite crystal margins and in microfractures within the pyrite crystals. Metallurgical testwork indicates an average grain size of 25 microns. Gold may be present as electrum since gold analyses indicate contents of 18% to 23% silver.

Silver values up to 514 grams per tonne have been reported from core assays although no silver minerals have been identified. It appears that the silver values reflect the abundance of galena and tetrahedrite as indicated by an analysis of tetrahedrite that contained 2% to 4% silver.





**Metal Mountain Resources Inc.**

*Dome Mountain Project  
British Columbia, Canada*

**Property Geology  
Figure 5**

## 2010 DIAMOND DRILLING

Diamond drilling performed during February of 2010 on the Dome Mountain project consisted of 10 HQ diameter holes totalling 1680.4 metres. Two holes (DM-10-055 and DM-10-056) were planned as condemnation drilling in the area of a proposed tailings pond, approximately 1300m northeast of the 1290m (Lower) Portal. The other eight holes (DM-10-047 to DM-10-054) were exploration holes, designed to test for the eastward extension of the Boulder Footwall vein structure found in the Dome Mountain Mine. Collar locations lie within the planned sedimentation pond, approximately 150m to 300m east of the 1290m (Lower) Portal. Summary information for the holes is presented in Table 3 and the collar locations are plotted in Figures 6a and 6b.

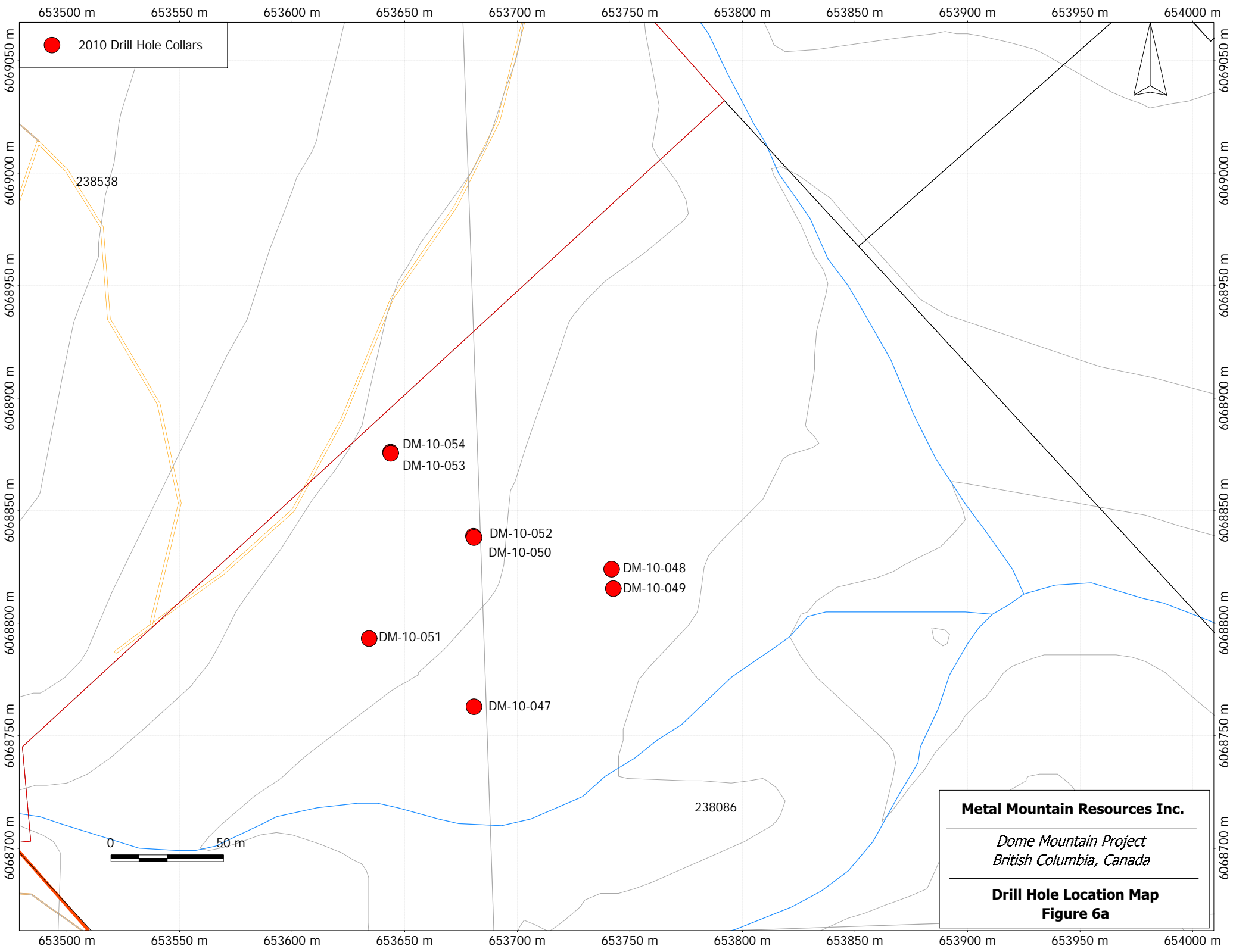
Exploration diamond drilling performed off-lease on the Dome Mountain project during August and September 2010 consisted of 11 holes totalling 1712.3 metres. Ten holes were planned as followup to the successful February program in the area of the future sedimentation pond. These holes were designed to test for eastward extension of the Boulder Footwall Vein found in Dome Mountain Mine. Holes were drilled on cross-sections 40 metres apart. One hole above the 1290 Portal targeted the Boulder Footwall Vein between historic drillholes. Summary information for the holes is presented in Table 3 and the collar locations are plotted in Figure 6c.

Driftwood Diamond Drilling Ltd. of Smithers, BC provided contract drill services with the geological and field duties conducted by various employees and contractors working on behalf of Metal Mountain Resources.

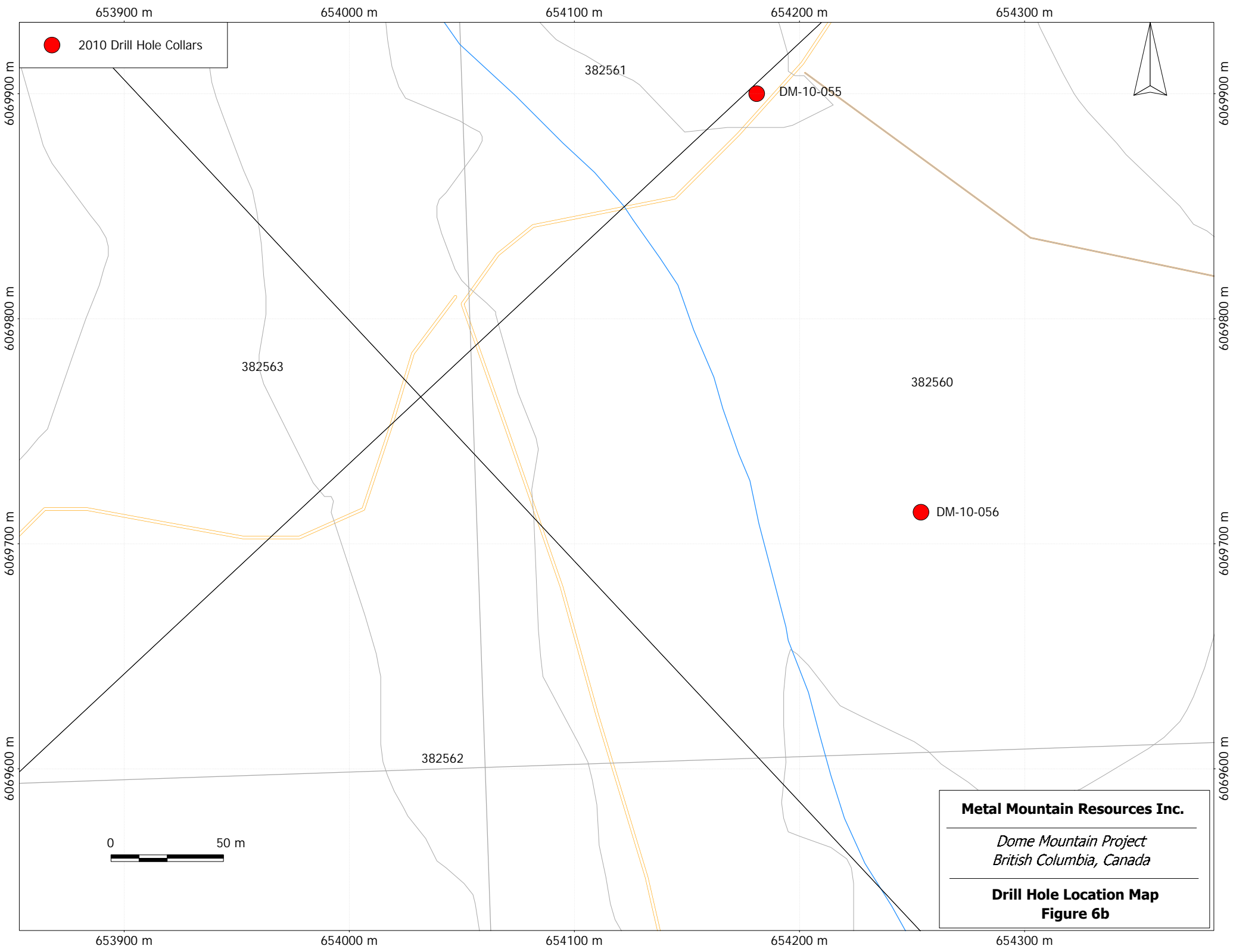
Holes DM-10-047 to DM-10-053 and DM-10-055 were logged using MS Excel software while DM-10-054 and DM-10-056 to DM-10-067 were logged with Gems Logger database software. All holes were plotted using Datamine software. The complete drill-hole logs with lithology, structure, alteration and assays are attached to this report as Appendix I.

The drill hole azimuth and dip were set using a compass (declination = 21°) and inclinometer respectively. Down-hole surveys were conducted by the drill crew using a Reflex EZ-Shot survey tool. The UTM Zone 9U collar location and elevation of each hole was surveyed using GPS technology with an estimated accuracy sphere of 30 cms except for DM-10-055 and DM-10-056 which were surveyed by GPS with an estimated accuracy of 4 metres.

The core is currently stored in a secured compound at 4156 Railway Ave. in Smithers, BC.



**Metal Mountain Resources Inc.**  
*Dome Mountain Project*  
*British Columbia, Canada*  
**Drill Hole Location Map**  
**Figure 6a**



● 2010 Drill Hole Collars

0 50 m

**Metal Mountain Resources Inc.**  
*Dome Mountain Project  
British Columbia, Canada*  
**Drill Hole Location Map  
Figure 6b**

653900 m

654000 m

654100 m

654200 m

654300 m

6069900 m

6069800 m

6069700 m

6069600 m

6069900 m

6069800 m

6069700 m

6069600 m

382561

DM-10-055

382563

382560

DM-10-056

382562

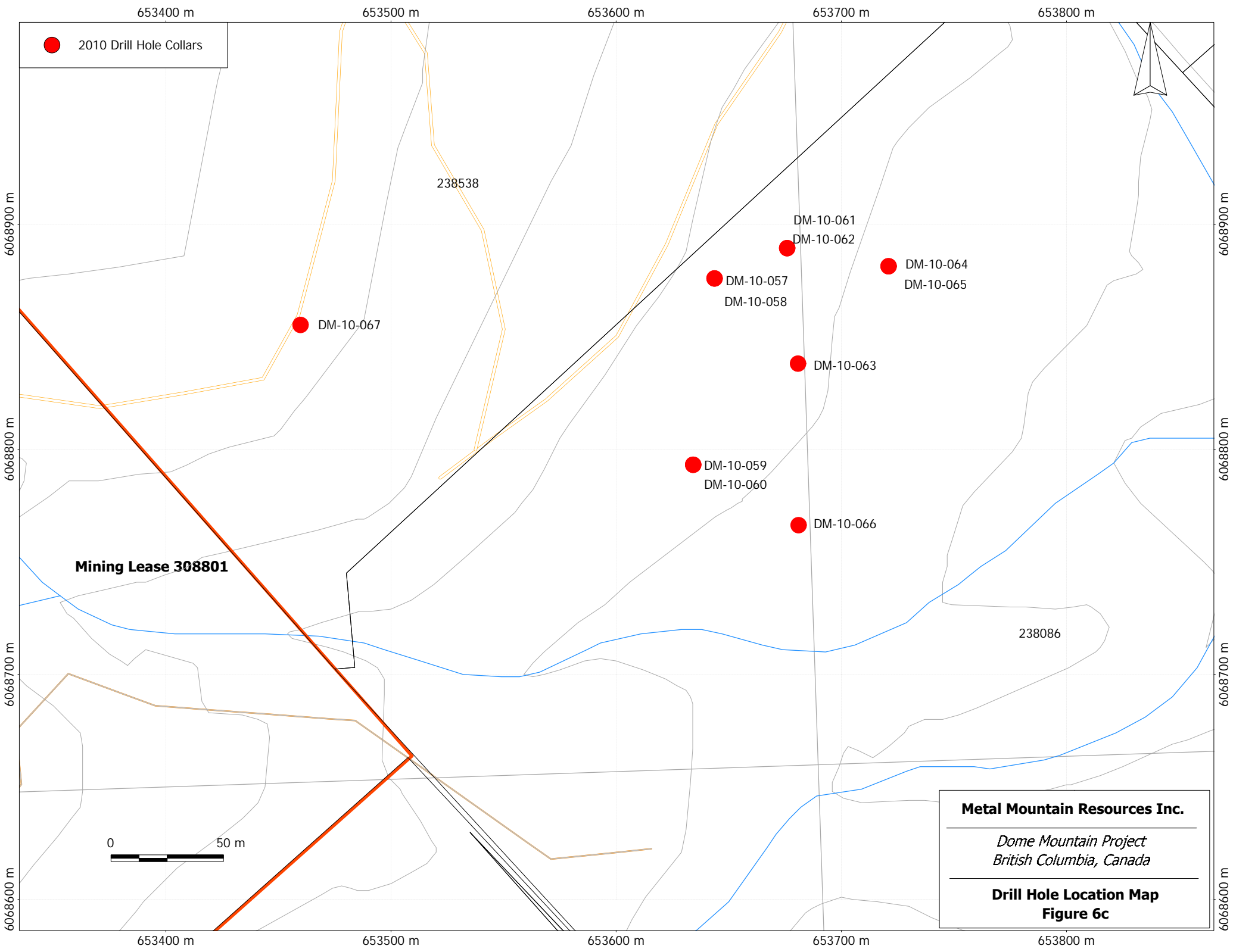
653900 m

654000 m

654100 m

654200 m

654300 m



● 2010 Drill Hole Collars

**Mining Lease 308801**

0 50 m

**Metal Mountain Resources Inc.**  
*Dome Mountain Project  
British Columbia, Canada*  
**Drill Hole Location Map  
Figure 6c**

DM-10-067

DM-10-057  
DM-10-058

DM-10-061  
DM-10-062

DM-10-064  
DM-10-065

DM-10-063

DM-10-059  
DM-10-060

DM-10-066

238538

238086

653400 m

653500 m

653600 m

653700 m

653800 m

6068900 m

6068800 m

6068700 m

6068600 m

6068900 m

6068800 m

6068700 m

6068600 m

<b>Table 3 - 2010 Drill-Hole Summary</b>						
<b>Hole #</b>	<b>UTM Easting</b>	<b>UTM Northing</b>	<b>Collar Elev</b>	<b>Azimuth</b>	<b>Dip</b>	<b>Length (m)</b>
DM-10-047	653680.838	6068762.915	1248.94	360	-52	216.1
DM-10-048	653741.900	6068823.992	1242.024	360	-45	138.4
DM-10-049	653742.682	6068815.379	1242.441	360	-61	184.1
DM-10-050	653680.539	6068838.690	1253.244	360	-45	138.4
DM-10-051	653634.201	6068793.215	1262.395	360	-58	245.1
DM-10-052	653680.761	6068838.104	1253.15	360	-58	171.9
DM-10-053	653643.692	6068875.998	1265.501	360	-45	110.9
DM-10-054	653643.780	6068875.502	1265.468	360	-62	153.6
DM-10-055	654181.000	6069900.000	1294	240	-45	171.3
DM-10-056	654256.000	6069708.000	1287	240	-45	150.6
DM-10-057	653643.780	6068875.502	1265.468	360	-56	131.9
DM-10-058	653643.780	6068875.502	1265.468	360	-69	170.4
DM-10-059	653634.201	6068793.215	1262.395	360	-49	213.4
DM-10-060	653634.201	6068793.215	1262.395	360	-54.5	233.8
DM-10-061	653675.988	6068889.413	1258.9283	360	-60	84.4
DM-10-062	653675.988	6068889.413	1258.9283	360	-45	84.4
DM-10-063	653680.761	6068838.104	1253.15	360	-51	163.7
DM-10-064	653721.231	6068880.307	1247.1492	360	-62	139.3
DM-10-065	653721.025	6068881.365	1247.0423	360	-45	108.8
DM-10-066	653681.017	6068766.332	1248.8662	360	-45	246.0
DM-10-067	653459.808	6068855.359	1316.479	360	-45	136.2

**3392.7**

## **SAMPLING METHOD AND APPROACH**

The intervals to be sampled were determined by the geologist at the time of logging and the lengths of the intervals were adjusted to coincide with major lithological contacts. Half core samples were taken using a diamond saw. A total of 520 sawn samples were taken for analysis.

Core recovery was consistently between 95 and 100% and there were no other drilling factors that could materially affect the accuracy and reliability of the results.

There are no known sampling or geologic factors that could have contributed to sample bias.

## **SAMPLE PREPARATION, ANALYSES AND SECURITY**

Samples were sent to Assayers Canada in Telkwa for preparation and then to Assayers Canada in Vancouver for gold and silver fire assays and for ICP analysis (ICP analysis was done only on holes DM-10-047 to DM-10-056). The certificates of analysis are attached as Appendix II and the analytical procedure is documented in Appendix III.

Standards were included in each sample stream at an approximate rate of 1 in 20 (5%) as a control on laboratory accuracy, precision and bias. The ore reference standards used were CDN-GS-8A and CDN-GS-11A prepared by CDN Resource Laboratories Ltd. of Langley, BC. GS-8A has a recommended value of  $8.25 \pm 0.60$  g/t gold while GS-11A has a recommended value of  $11.21 \pm 0.87$  g/t gold (Appendix IV). A total of 29 standard samples were submitted for analysis.

Blank samples of limestone aggregate were inserted into the sample stream randomly at an approximate rate of 5% as a check on laboratory contamination. A total of 30 blank samples were submitted.

Additional QAQC consisted of four –  $\frac{1}{4}$  core duplicate samples and eleven samples for metallic assay.

A “chain of custody” was maintained from the drill to the laboratory to ensure sample security.

## RESULTS AND INTERPRETATION

Cross-sections with lithology codes and assay bars are attached as Appendix V.

A list of significant intersections is presented in Table 4 and discussed below.

Drilling to investigate the eastern extension of the Boulder Footwall Vein under the sediment control pond consisted of eighteen holes on four north-south sections. Twenty-five significant intersections were identified. Fourteen footwall intersections, ten hangingwall intersections and one intersection of unknown affinity were interpreted. The spatial orientation of the results suggests that the Boulder Footwall Vein is discontinuous in the area tested or that there are unidentified structural complications. The data also suggest that there are numerous hangingwall veins. These results support the model of a semi-continuous, 400-metre horizontal extension of the Boulder Footwall Vein eastward from mine workings over a vertical extent of 140 metres. High gold assays indicate the grade potential within the vein structure.

The two condemnation holes drilled in the area of the proposed tailings pond did not encounter any significant structures or mineralized intervals. These two holes demonstrate the low potential for economic mineralization below the proposed tailings pond.

Hole DM-10-067 was collared uphill from 1290 Portal in Dome Mountain Mine. The target was the Boulder Footwall Vein between historic holes D90-18 and D92-07, which are spaced 62 metres apart along the vein. Intercepts in these older holes are, respectively, 0.5m of 31.71 g/t Au, 126.2 g/t Ag, and 0.7m of 41.65 g/t Au, 64.4 g/t Ag. DM-10-067 confirmed the location of Boulder Footwall Vein but shows more modest assays.

The results from the metallic assaying are displayed in Table 5. The results were not analyzed statistically but show a reasonable correlation by visual inspection. This result is true of the extremely high grade gold sample in hole DM-10-052 even though specks of native gold were visible in the core. Native gold is not commonly observed in the core and the metallic analytical results confirm that the 'nugget effect' is not a serious problem in the Boulder Vein System.

The QA/QC program of blanks and standards showed occasional failures that were followed up by re-assaying the samples on either side of the failure.

The ¼ core duplicate samples showed poor correlation with the original samples but the number of samples was too small to draw any meaningful conclusions about the accuracy of the sampling.



Table 4 - 2010 Drill Hole Intersections						
Drill-hole	From (m)	To (m)	Length (m)	g/t Gold	g/t Silver	Vein Name
DM-10-047	No significant intersections					
DM-10-048	121.80	123.00	1.20	2.87	6.3	Boulder Footwall
DM-10-049	143.60	143.80	0.20	5.63	3.1	Boulder Footwall
DM-10-050	122.20	122.90	0.70	35.70	145.0	Boulder Footwall
DM-10-051	236.10	236.50	0.40	11.33	116.1	Boulder Footwall
DM-10-052	154.6	154.8	0.20	1215.13	205.2	Boulder Footwall
DM-10-053	32.10	32.90	0.80	6.77	13.8	Boulder Hangingwall
DM-10-053	58.00	58.20	0.20	7.67	13.9	Boulder Hangingwall
DM-10-053	76.50	77.10	0.60	7.30	23.4	Boulder Footwall
DM-10-054	21.10	21.80	0.70	8.07	33.2	Boulder Hangingwall
DM-10-054	50.00	50.50	0.50	16.67	50.4	?
DM-10-054	108.90	111.70	2.80	26.18	173.3	Boulder Footwall
DM-10-054	120.10	121.10	1.00	10.67	24.2	Boulder Footwall
DM-10-055	No significant intersections					
DM-10-056	No significant intersections					
DM-10-057	36.90	41.10	4.20	23.39	174.6	Boulder Hangingwall
DM-10-058	21.60	22.70	1.10	17.30	55.2	Boulder Hangingwall
DM-10-059	185.00	187.40	2.40	3.22	7.6	Boulder Footwall
DM-10-061	50.00	50.30	0.30	19.20	41.5	Boulder Hangingwall
DM-10-061	52.50	54.30	1.80	3.77	18.1	Boulder Hangingwall
DM-10-061	61.00	61.70	0.70	17.87	181.8	Boulder Hangingwall
DM-10-061	63.60	65.30	1.70	20.28	69.2	Boulder Footwall
DM-10-061	66.10	66.40	0.30	1.70	3.5	Boulder Footwall
DM-10-062	21.50	21.80	0.30	50.27	74.5	Boulder Hangingwall
DM-10-063	125.10	125.30	0.20	8.23	38.7	Boulder Footwall
DM-10-063	154.50	154.90	0.40	5.33	15.1	Boulder Footwall
DM-10-064	59.50	60.00	0.50	65.40	95.1	Boulder Footwall
DM-10-065	16.40	16.70	0.30	2.77	12.7	Boulder Hangingwall
DM-10-066	234.80	235.60	0.80	35.45	44.6	Boulder Footwall
DM-10-067	89.30	91.20	1.90	5.06	75.5	Boulder Footwall
DM-10-067	125.70	126.70	1.00	2.81	4.8	Boulder Footwall

Note: The relationship between intersection length and true vein thickness is unknown.

Table 5 - Metallic Assay Results				
Fire Assay Sample No.	Fire Assay g/t Au	Fire Assay g/t Ag	Metallics Sample No.	Metallics g/t Au
A061319	1288.00	205.2	0S0011PA	1215.13
A061609	7.97	125.2	0S0057RM	6.68
A061611	35.60	69.7	0S0057RM	40.82
A061642	8.77	26.2	0S0069RM	9.67
A061646	11.47	12.8	0S0069RM	14.86
A061683	6.77	50.4	0S0068RM	5.50
A061684	5.20	15.7	0S0068RM	5.65
A061686	47.13	149.8	0S0068RM	57.85
A061697	8.23	38.7	0S0075RM	6.03
A061746	11.37	171.9	0S0090RM	12.37
A061749	7.60	103.9	0S0090RM	7.01

Average=

130.74

Average=

125.60

## RECOMMENDATIONS

The following recommendations are made as follow-up to the 2010 exploration diamond drilling:

1. The existing drill hole intersections to the east of the present mine workings should be modeled in 3D as an aid to correlating the Boulder Footwall Vein.
2. The area between the existing mine workings and the sediment control pond should be grid drilled on 40 metre spaced sections to determine the economic potential of the Boulder Footwall Vein and the various hangingwall veins.
3. The area of the proposed tailings pond does not require additional condemnation drilling.
4. Additional metallic assays are warranted only in cases where visible gold is encountered.
5. A systematic program of ¼ core duplicate sampling should be implemented for all future programs.

## EXPENDITURES

Total expenditures for the 2010 'off-lease' exploration diamond drilling on the Dome Mountain Project was \$109,986 as itemized in Table 6.

<b>Table 6 – 2010 “Off-Lease” Expenditures</b>			
1)	HQ diamond drilling (3392.7 m)	Driftwood Diamond drilling	\$284,147
2)	Analytical – 629 fire assays for Au and Ag, 11 metallic assays for Au, 336 ICP (35 element)	Assayers Canada	\$22,050
3)	Core logging and sampling	B. Muloin (45 days @ 425)	\$19,125
		J. Tattersall (27 days @ 230)	\$6,210
		G. Muloin (8 days @ 230)	\$1,840
		P. Michell (45 days @ 250)	\$11,250
		E. Baptiste (27 days @ 230)	\$6,210
4)	Room & Board	53 mandays @ \$100	\$5,300
5)	Site preparation and reclamation	Double B Gravel & Excavating Ltd.	\$28,339
6)	Supervision, planning, permitting and reporting	D. Hanson (25.2 days @ \$600)	\$15,120
7)	Core boxes	Treeline and Phil's Boxes	\$8,482
8)	Vehicle – 33 days	Eagle Peak Resources Inc.	\$1,782
		<b>Total</b>	<b>\$409,855</b>

## REFERENCES

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- Roscoe Postle Associates Inc. (December 20, 1993): Report on the Dome Mountain Project for Hapsburg Resources Inc.
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- Smit, H. (April 6, 1993): Dome Mountain Drill Proposal, internal memo to Hapsburg Resources Inc., 4 p
- Tipper, H. W., and Richards, T.A. (1976): Geology of the Smithers Area, Geological Survey of Canada, Open File 351



## STATEMENT OF AUTHOR'S QUALIFICATIONS

I, Daryl J. Hanson, P.Eng., do hereby certify that:

1. I am a consulting geologist and the sole proprietor of  

In-Depth Geological Services  
16575 Quick East Road  
Telkwa, B.C.  
Canada. V0J 2X2.
2. I hold an BAsC degree, conferred by the University of British Columbia in 1971.
3. I am a member, in good standing, of the Association of Professional Engineers and Geoscientists of British Columbia.
4. I have worked as a geologist for over thirty years in the fields of exploration, mine development and mine operations.
5. I am responsible for the preparation of the report titled "**Diamond Drilling Assessment Report on the Dome Mountain Project**" and dated December, 2011 ("the Report").
6. I worked on the Dome Mountain Project site in 1985 for Noranda Exploration Company Ltd. I planned and supervised the 2010 fieldwork for Metal Mountain Resources Inc. as documented in the Report
7. I am not aware of any material fact or material change with respect to the subject matter of the Report that is not reflected in the Report, which the omission to disclose would make the Report misleading.
8. I have no direct or indirect interest in Metal Mountain Resources Inc.
9. I consent to the use of the Report by Metal Mountain Resources Inc. for any purpose including publication on their website.

Dated this 24<sup>th</sup> day of December, 2011.

Daryl J. Hanson, P.Eng.  
Telkwa, British Columbia, Canada

**Appendix I**

**DIAMOND DRILL HOLE LOGS**



# Drill Hole Log

## Dome Mountain Project Database

Hole Number: **DM-10-056**

**Grid-X:** 654,256.00      **Brg:** 240.00      **Ovb:** 1.50  
**Grid-Y:** 6,069,708.00      **Dip:** -45.00      **Casing:** 1.50  
**Grid-Z:** 1,287.00      **Depth:** 150.60      **Recover Casing:** Y  
**NTS:** 93L 077      **Claim:** 0      **Area:** 0

**Surveyor:** 0      **Drill:** Driftwood Diamond Drilling  
**Survey Date:** 30-Dec-1899      **Drill Dates:** 07-Mar-10 to 08-Mar-10  
**Core Size:** HQ      **Geologist:** Bryan Muloin  
**Log Dates:** 09-Mar-10 to 10-Mar-10

**Target:** Condemnation drilling in TSF #4

**Comments:** Tailings Pond - collar near northeast end of proposed southern dam - drillpad "Y"

Lithology						Alteration				Mineralization				Structure									
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments		
0.00	1.50	1.50	OB			no recovery																	
1.50	150.60	149.10					1.50	150.60	CB		2												
1.50	150.60	149.10	FP	maroon		small white phenocrysts throughout unit but not continuous, calcite present in veins, most veining is thin 2 - 3mm & not very much, two zones of light epidote alteration occur at 24.0m - 39.5m & 56.0m - 64.0m EOH at 150.6m																	
27.00	34.00	7.00										27.00	34.00	Vn	60		series of parallel veins with epidote haloes						
56.00	64.00	8.00										56.00	64.00	Vn	45		series of parallel veins with epidote haloes						
75.00	75.50	0.50										75.00	75.50	Vn	65		series of parallel quartz-albite-calcite veins <15mm with green haloes						
105.10	107.00	1.90										105.10	107.00	Vn	65		series of parallel quartz-albite-calcite veins <2cm, green haloes on only some						
108.00	109.00	1.00										108.00	109.00	Vn	65		complementary veins, low angle vein 1cm has green halo, secondary veins 2mm - 3mm without haloes						
108.00	109.00	1.00										108.00	109.00	Vn	5		complementary veins, low angle vein 1cm has green halo, secondary veins 2mm - 3mm without haloes						
116.80	122.70	5.90										116.80	122.70	Vn	70		series of parallel quartz-calcite veins 2mm, appear to be complements of :						
119.70	120.10	0.40										119.70	120.10	Vn	0		parallel to core vein 2cm						

Lithology						Alteration				Mineralization				Structure						
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	StyleDeg	From	To	Code	%	Comments	From	To	Code	CA	Comments
130.00	138.70	8.70														130.00	138.70	Vn	70	series of parallel calcite veins 2mm
140.00	140.80	0.80														140.00	140.80	ft		gouge zone in area of broken core



## *Down Hole Surveys*

Hole No. **DM-10-056**

---

<b>BHID</b>	<b>AT</b>	<b>BRG</b>	<b>DIP</b>	<b>TYPE</b>
DM-10-056				
	0.00	240.00	-45.00	Collar
	45.72	248.50	-44.00	Reflex
	91.44	244.60	-43.90	Reflex
	149.35	244.60	-43.30	Reflex

---

# Metal Mountain Resources

Dome Mountain Project DDH Database

## Assays Per Hole

Grid-X: 654,256.00 Grid-Y: 6,069,708.00 Grid-Z: 1,287.00 Hole Number: DM-10-056

HOLE ID DM-10-056

FROM	TO	Length	SAMPLE	Au	Ag	Cu	ZN	PB	Wt	ROCKTYPE	Py%	CP%	SL%	GL%	VG	Intersect	LAB	CERT#	ExpVal	ISD-Au	Zscore	BAD	%DIFF
25.80	26.20	0.40	A061420	0.015	1.40				1.50	FP							ASSCAN	0S0007RA					
32.15	32.85	0.70	A061421	0.015	0.70				2.50	FP							ASSCAN	0S0007RA					
74.80	75.45	0.65	A061422	0.030	0.05				2.00	FP							ASSCAN	0S0007RA					
88.00	88.90	0.90	A061423	0.015	0.05				3.00	FP							ASSCAN	0S0007RA					
93.00	93.70	0.70	A061424	0.015	0.20				2.00	FP							ASSCAN	0S0007RA					
93.00	93.70	0.70	A061425	0.015	0.05				0.70	Blank							ASSCAN	0S0007RA	0.015	0.050	0.00		0.00
107.90	108.90	1.00	A061426	0.015	0.05				3.00	CV							ASSCAN	0S0007RA					
110.40	111.10	0.70	A061427	0.015	0.05				1.50	FP	0.2						ASSCAN	0S0007RA					
111.10	111.90	0.80	A061428	0.015	0.80				2.00	FP							ASSCAN	0S0007RA					
116.20	116.80	0.60	A061429	0.015	0.05				2.00	FP							ASSCAN	0S0007RA					
116.80	117.30	0.50	A061419	0.030	0.10				1.50	FP	0.2	0.2					ASSCAN	0S0006RA					
117.30	118.00	0.70	A061430	0.070	0.05				2.00	FP							ASSCAN	0S0007RA					
139.60	140.50	0.90	A061431	0.015	0.10				2.00	FP							ASSCAN	0S0007RA					
140.50	141.50	1.00	A061432	0.015	0.05				3.00	FT							ASSCAN	0S0007RA					
141.50	142.50	1.00	A061433	0.015	0.70				4.00	FP							ASSCAN	0S0007RA					
142.50	143.50	1.00	A061434	0.015	0.05				1.50	FT							ASSCAN	0S0007RA					
142.50	143.50	1.00	A061435	8.330	2.20				0.10	GS-8A							ASSCAN	0S0007RA	8.250	0.300	0.27		0.97

Count: 17

# Metal Mountain Resourc

## ICP data by hole

BHID: DM-10-056

Hole Name DM-10-056

Cert#	FROM	TO ROCKTYPE	Sample	Ag-ppm	Al-%	As-ppm	Ba-ppm	Bi-ppm	Ca-%	Cd-ppm	Co-ppm	Cr-ppm	Cu-ppm	Fe-%	Ga-ppm	K-%	La-ppm	Li-ppm	Mg-%
0S0007RR	25.80	26.20 FP	A061420	0.5	8.520	5	492	2.5	5.310	3.0	32.0	36.0	11.0	6.270	30.0	0.820	5	10.0	2.180
0S0007RR	32.15	32.85 FP	A061421	0.5	8.320	25	415	2.5	7.720	3.0	30.0	59.0	21.0	6.300	32.0	0.640	5	10.0	1.880
0S0007RR	74.80	75.45 FP	A061422	0.5	8.640	5	697	2.5	4.970	3.0	27.0	23.0	3.0	6.390	30.0	1.290	5	16.0	2.400
0S0007RR	88.00	88.90 FP	A061423	0.5	7.980	5	1751	2.5	4.810	2.0	24.0	27.0	18.0	5.900	29.0	0.980	5	15.0	2.590
0S0007RR	93.00	93.70 FP	A061424	0.5	8.470	5	1278	6.0	3.280	3.0	29.0	22.0	14.0	6.810	32.0	0.530	5	20.0	2.450
0S0007RR	93.00	93.70 Blank	A061425	0.5	0.060	5	15	2.5	25.000	0.5	0.5	2.0	0.5	0.070	5.0	0.010	5	2.0	1.640
0S0007RR	107.90	108.90 CV	A061426	0.5	3.920	5	1997	2.5	16.730	2.0	13.0	19.0	11.0	3.710	18.0	1.410	5	6.0	2.090
0S0007RR	110.40	111.10 FP	A061427	0.5	8.220	5	427	2.5	3.490	3.0	31.0	14.0	16.0	7.260	29.0	0.870	5	12.0	2.080
0S0007RR	111.10	111.90 FP	A061428	0.5	8.480	5	475	2.5	2.990	3.0	28.0	12.0	19.0	6.730	27.0	0.890	5	17.0	2.260
0S0007RR	116.20	116.80 FP	A061429	0.5	7.990	5	299	2.5	5.160	1.0	16.0	25.0	3.0	4.840	25.0	0.890	5	11.0	1.080
0S0006RR	116.80	117.30 FP	A061419	0.5	8.280	5	529	2.5	6.240	1.0	20.0	29.0	372.0	4.950	29.0	1.610	5	14.0	1.400
0S0007RR	117.30	118.00 FP	A061430	0.5	9.030	5	469	2.5	4.220	3.0	29.0	10.0	6.0	7.000	32.0	1.240	5	18.0	1.910
0S0007RR	139.60	140.50 FP	A061431	0.5	9.420	5	416	2.5	4.160	2.0	30.0	8.0	10.0	5.960	32.0	0.710	5	40.0	2.960
0S0007RR	140.50	141.50 FT	A061432	0.5	8.890	5	855	2.5	4.470	2.0	24.0	9.0	9.0	6.220	29.0	1.000	5	24.0	2.280
0S0007RR	141.50	142.50 FP	A061433	0.5	8.860	5	701	2.5	4.410	2.0	21.0	15.0	1.0	5.670	28.0	1.400	5	7.0	1.870
0S0007RR	142.50	143.50 GS-8A	A061435	3.0	3.970	10000	336	10.0	2.260	2.0	24.0	85.0	114.0	4.750	17.0	1.180	5	10.0	0.880
0S0007RR	142.50	143.50 FT	A061434	0.5	8.960	15	809	2.5	4.290	1.0	21.0	11.0	3.0	5.000	27.0	1.510	5	9.0	2.050

Count: 17

# Metal Mountain Resourc

## Assayers Canda-ICP import file with sample data

BHID: DM-10-056

Hole Name DM-10-056

Cert#	FROM	TO	ROCKTYPE	Sample	Mn-ppm	Mo-ppm	Na-%	Nb-ppm	Ni-ppm	Pb-ppm	S-%	Sb-ppm	Sc-ppm	Sn-ppm	Sr-ppm	Ta-ppm	Te-ppm	Ti-%	V-ppm	W-ppm	Y-ppm	Zn-ppm	Zr-ppm
0S0007RR	25.80	26.20	FP	A061420	1806	1	2.380	5	8	33	0.100	2.5	26.0	5	534.0	2.5	20	0.410	266.0	5	17.0	105.0	26.0
0S0007RR	32.15	32.85	FP	A061421	1804	1	1.930	5	10	14	0.160	6.0	25.0	5	887.0	6.0	18	0.370	290.0	5	16.0	68.0	22.0
0S0007RR	74.80	75.45	FP	A061422	1573	1	3.110	5	12	4	0.110	2.5	28.0	5	342.0	9.0	5	0.050	273.0	5	7.0	119.0	5.0
0S0007RR	88.00	88.90	FP	A061423	2006	1	3.650	5	12	10	0.130	2.5	23.0	5	451.0	8.0	5	0.080	223.0	5	11.0	98.0	6.0
0S0007RR	93.00	93.70	FP	A061424	1785	1	4.440	5	10	3	0.090	2.5	24.0	5	420.0	2.5	5	0.140	269.0	5	11.0	114.0	13.0
0S0007RR	93.00	93.70	Blank	A061425	38	4	0.020	5	10	39	0.950	2.5	0.5	17	4879.0	8.0	5	0.005	2.0	5	0.5	0.0	0.0
0S0007RR	107.90	108.90	CV	A061426	6422	2	0.470	5	10	31	0.440	2.5	13.0	5	243.0	2.5	5	0.050	117.0	5	11.0	105.0	4.0
0S0007RR	110.40	111.10	FP	A061427	1625	1	4.230	5	7	3	0.080	2.5	26.0	5	220.0	15.0	5	0.120	244.0	5	11.0	196.0	8.0
0S0007RR	111.10	111.90	FP	A061428	1622	1	4.070	5	9	1	0.060	2.5	27.0	5	230.0	7.0	5	0.090	257.0	5	11.0	200.0	8.0
0S0007RR	116.20	116.80	FP	A061429	1799	1	4.510	5	9	7	0.110	2.5	25.0	5	200.0	6.0	5	0.080	223.0	5	11.0	75.0	6.0
0S0006RR	116.80	117.30	FP	A061419	2156	1	2.800	5	8	6	0.310	2.5	25.0	127	196.0	2.5	16	0.350	220.0	5	10.0	96.0	23.0
0S0007RR	117.30	118.00	FP	A061430	1903	2	3.940	5	9	10	0.250	2.5	28.0	5	329.0	2.5	5	0.110	274.0	5	10.0	135.0	8.0
0S0007RR	139.60	140.50	FP	A061431	2012	1	3.990	5	11	8	0.090	2.5	29.0	5	466.0	2.5	5	0.090	234.0	5	12.0	97.0	7.0
0S0007RR	140.50	141.50	FT	A061432	2012	1	3.410	5	7	7	0.100	2.5	25.0	5	435.0	16.0	5	0.090	222.0	5	11.0	83.0	7.0
0S0007RR	141.50	142.50	FP	A061433	1754	1	2.770	5	10	18	0.090	2.5	22.0	5	322.0	2.5	5	0.080	202.0	5	10.0	88.0	7.0
0S0007RR	142.50	143.50	GS-8A	A061435	671	21	0.890	5	63	751	1.000	6.0	10.0	5	109.0	14.0	5	0.080	90.0	5	7.0	261.0	46.0
0S0007RR	142.50	143.50	FT	A061434	1660	1	2.480	5	4	17	0.090	2.5	22.0	5	315.0	2.5	5	0.070	179.0	5	9.0	97.0	7.0

Count: 17



# Drill Hole Log

## Dome Mountain Project Database

Hole Number: **DM-10-057**

**Grid-X:** 653,643.69      **Brg:** 3.80      **Ovb:** 9.10      **Surveyor:** BV Engineering Services      **Drill:** Driftwood Diamond Drilling  
**Grid-Y:** 6,068,876.00      **Dip:** -55.90      **Casing:** 9.10      **Survey Date:** 29-Sep-10      **Drill Dates:** 10-Aug-10 to 12-Aug-10  
**Grid-Z:** 1,265.50      **Depth:** 131.90      **Recover Casing:** yes      **Core Size:** NQ      **Geologist:** Bryan Muloin  
**NTS:** 93L 077      **Claim:** 0      **Area:** DOME MOUNTAIN      **Log Dates:** 12-Aug-10 to 13-Aug-10  
**Target:** Boulder FW Vein between DM-10-053 and 054      **Comments:** Drill Pad A. Infill from Feb 2010 drill program

Lithology						Alteration			Mineralization				Structure									
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
0.00	9.10	9.10	<b>OB</b>																			
9.10	17.40	8.30	<b>V/S</b>		GRY	Ochre brown weathered fractures dominate the grey argillic clasts, at 16.0 - 17.0m bleached grey & clastic transition as quartz albite irregular veining pervades sub zone																
17.40	18.40	1.00	<b>NC</b>																			
18.40	20.40	2.00	<b>FP</b>		GRY	Small 1mm white plagioclase phenocrysts to occasional larger 5mm characterize unit, are typically elongated rectangular but have diffuse margins																
20.40	21.50	1.10	<b>NC</b>																			
21.50	22.80	1.30	<b>FP</b>		GRY	Small 1mm white plagioclase phenocrysts to occasional larger 5mm characterize unit, are typically elongated rectangular but have diffuse margins																
22.50	22.70	0.20											22.50	22.70	Vn	35					zoned vein 5cm has medial cleavage of 1mm with dark green alteration equally on both sides, & bleached 1cm zones symmetrical on both sides	
22.80	25.20	2.40	<b>Va</b>		G-B	Light tan with dark green bands as wide 5cm alteration sub zones, green zones seem characterized by white plagioclase phenocrysts while tan zones are silica dominated, quartz, as parallel veins 2 - 5mm at 30 d to core axis, and subhedral "bird eyes" to 5mm, dispersed pyrite <<1%																
22.80	26.50	3.70					22.80	26.50	Py	Dism	Wk											
22.80	26.50	3.70											22.80	26.50	Vn	30					parallel quartz albite veins	
24.10	26.50	2.40		NC																		
25.20	26.50	1.30	<b>NC</b>																			

Lithology						Alteration				Mineralization				Structure									
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments		
26.50	30.70	4.20	Va		VAR	Mottled to gneissic texture, black partings in grey felsic matrix @ 60 - 80 d to core, thin quartz albite veins <5mm cross cut gneissic texture @ 30 d to core, pyrite in dispersed fine cubes in black partings, two quartz veins 4 - 5cm @ 30 d to core @ 29.1 & 29.7 carry increased fine pyrite																	
26.50	30.70	4.20					26.50	30.70	Py	Cub	Wk												
26.50	30.70	4.20					26.50	30.70	Py	Cub	Wk												
26.50	0.00	-26.50															26.50	0.00	Bn		70		
26.50	0.00	-26.50															26.50	0.00	Vn		30		
29.10	29.14	0.04		QV	WHT																		
29.10	29.14	0.04										29.10	29.14	Py		1							
29.10	29.14	0.04															29.10	29.14	Vn		30		
29.70	29.75	0.05		QV	WHT																		
29.70	29.75	0.05										29.70	29.75	Py		1							
29.70	29.75	0.05															29.70	29.75	Vn		30		
30.70	33.30	2.60	Va		GRY	Mostly grey, centers on porphyry zone @ 31.5 - 32.0, has series of parallel thin 1mm veins light green & weak carbonate @ 30 d to core, some dispersed pyrite																	
30.70	33.30	2.60					30.70	33.30	Cb	Dism	Wk												
30.70	33.30	2.60					30.70	33.30	Py	Dism	Wk												
31.50	32.00	0.50															31.50	32.00	Vn		30		
33.30	36.90	3.60	Va		G-B	Light tan with slight green tint, aphanitic with inclusions small black partings with included pyrite & quartz eyes																	
33.30	0.00	-33.30					33.30	0.00	Py	Dism	Wk												
36.90	41.10	4.20	QV		BLK	Dominated by black sooty sulphides the quartz veins layer this zone at 60 d to core																	
36.90	41.10	4.20										36.90	41.10	Py	20	banded to massive 20 - 50 %							
36.90	41.10	4.20										36.90	41.10	Gn	10	concentrates in white quartz zones							
36.90	41.10	4.20															36.90	41.10	Vn		60		
41.10	43.80	2.70	Va		RED	mostly pink tinted tan silica rich zone with dispersed pyrite to 42.2, a clastic breccia																	
41.10	42.20	1.10					41.10	42.20	Py	Dism	Wk												

Lithology						Alteration				Mineralization				Structure								
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
41.10	42.20	1.10					41.10	42.20	Sil	Dism	Mod											
43.80	86.50	42.70	LT		MAR	Maroon breccia with green altered bands to .5m, green bands are not usually brecciated, maroon breccias include feldspar porphyry clasts & grade into feldspar porphyry segments																
48.00	48.50	0.50															48.00	48.50	Vn	20		complimentary pairs albite 5mm
52.90	53.10	0.20															52.90	53.10	Vn	35		green alteration halo, massive has medial cleavage
54.60	56.60	2.00															54.60	56.60	Vn	20		series of 4 parallel albite veins <2mm
64.00	66.70	2.70															64.00	66.70	Vn	50		green alteration haloes with subset of parallel albite veins, centers on 4cm quartz albite sphalerite chalcopyrite vein
85.50	86.50	1.00															85.50	86.50	Vn	15		complimentary paired series, curving tendency, albite with quartz median 1mm in 4mm vein
86.50	87.90	1.40	Vas		G-B	Albite quartz calcite stringers, stringy green mica zones																
86.50	87.90	1.40					86.50	87.90	GMic	Str	Mod											
87.90	88.90	1.00	Va		BLE	Bleached, to greenish downhole. Chloritic with weak pyrite stringers and cubes; patchy moderate sericite. Grn mica 87.9-88.0m.																
87.90	88.90	1.00					87.90	88.90	GMic	Pch	Wk											
87.90	88.90	1.00					87.90	88.90	Ser	Pch	Mod											
87.90	88.90	1.00					87.90	88.90	Py	Pch	Wk											
87.90	88.90	1.00					87.90	88.90	Chl	Pch	Wk											
88.90	99.70	10.80	LT		MAR	Maroon subangular breccia, slight tendency to banded texture, some feldspar porphyry clasts, calcite in veins starts in this unit																
96.70	97.50	0.80															96.70	97.50	Vn	25		Series of 4 parallel albite quartz veins <1cm
99.70	118.20	18.50	FP		MAR	Maroon matrix with small <2mm white feldspar phenocrysts, green alteration zones in unit are massive, calcite in veins in this unit																
105.60	105.75	0.15					105.60	105.75	Chl	Perv	Mod											
105.60	105.80	0.20															105.60	105.80	Vn	25		green massive alteration with abrupt fracture contact
106.70	108.00	1.30					106.70	108.00	Chl	Perv	Mod											

Lithology							Alteration				Mineralization				Structure							
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
118.20	121.45	3.25	TB		GRN	Dark green andesite as alteration, has faint green feldspar phenocrysts. Calcite present in one vein @ 118.5 then absent. Possibly Ash Tuff.																
121.45	122.30	0.85	NC																			
122.30	125.30	3.00	TB		MAR	Maroon andesite porphyry is color change of above unit. Possibly Ash Tuff.																
125.30	131.40	6.10	TB		GRN	Light green andesite has earthy or chalky texture but appears to be further transition of previous 2 units																
126.05	126.60	0.55		TB	GRN	sheared/mylonitic section																
126.05	126.60	0.55					126.05	126.60	Py	Dism	Wk											
129.70	131.40	1.70		LT	BLE	Bleached to local maroon. Fragments to 1cm.																
129.70	131.40	1.70					129.70	131.40	Cy	Pch	Mod											
131.40	131.90	0.50	AT		MAR	Ash Tuff, weakly bleached																
131.40	131.90	0.50					131.40	131.90	Ser	Pch	Wk											



## *Down Hole Surveys*

Hole No. **DM-10-057**

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<b>BHID</b>	<b>AT</b>	<b>BRG</b>	<b>DIP</b>	<b>TYPE</b>
DM-10-057				
	0.00	3.80	-55.90	C
	14.30	3.80	-55.90	R
	66.10	4.50	-56.10	R
	131.90	5.70	-56.90	R

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# Metal Mountain Resources

## Assays Per Hole

Grid-X:

Grid-Y:

Grid-Z:

Hole Number: DM-10-057

HOLE ID DM-10-057

FROM	TO	Length	SAMPLE	Au	Ag	Cu	ZN	PB	Wt	ROCKTYPE	Py%	CP%	SL%	GL%	VG	Intersect	LAB	CERT#	ExpVal	ISD-Au	Zscore	BAD	%DIFF	
22.80	24.00	1.20	A067800	0.015	0.30				3.00	Va							ASSCAN	0S0116RA						
24.00	25.20	1.20	A061601	0.015	0.90				1.50	Va	0.1						ASSCAN	0S0057RA						
26.50	29.00	2.50	A061602	0.015	1.20				2.50		0.1						ASSCAN	0S0057RA						
29.00	30.70	1.70	A061603	0.100	1.30				3.00		1						ASSCAN	0S0057RA						
30.70	32.00	1.30	A061604	0.015	0.70				2.00	Va	0.1						ASSCAN	0S0057RA						
30.70	32.00	1.30	A061605	8.470	3.10				0.10	GS-8A							ASSCAN	0S0057RA	8.250	0.300	0.73	2.67		
32.00	33.30	1.30	A061606	0.030	0.40				1.50	Va	0.1						ASSCAN	0S0057RA						
33.30	35.00	1.70	A061607	0.070	1.60				4.00	Va	3						ASSCAN	0S0057RA						
35.00	36.90	1.90	A061608	0.130	4.00				3.00	Va	1						ASSCAN	0S0057RA						
36.90	38.00	1.10	A061609	6.677	125.20		3.880	1.62	1.50	QV	7					HW	SGS	0S0057RA						
38.00	39.00	1.00	A061610	10.730	142.00		3.140		1.50	QV	15		5			HW	ASSCAN	0S0057RA						
39.00	40.00	1.00	A061611	40.822	69.70		1.880	2.21	1.00	QV	20		10	10		HW	SGS	0S0057RA						
40.00	41.10	1.10	A061612	39.200	349.00	1.05	7.870	3.78	2.00	QV	10		2	20	10		HW	ASSCAN	0S0057RA					
41.10	42.20	1.10	A061613	0.130	1.70				2.00	Va	3						ASSCAN	0S0057RA						
65.50	66.10	0.60	A067801	0.015	0.70				1.00	LT							ASSCAN	0S0116RA						
66.10	66.30	0.20	A061614	0.370	11.70		3.030		0.50	QV			2	10			ASSCAN	0S0057RA						
66.10	66.30	0.20	A061615	0.015	0.20				0.30	BLANK							ASSCAN	0S0057RA	0.015	0.050	0.00	0.00		
66.30	66.70	0.40	A067802	0.015	0.30				0.70	LT							ASSCAN	0S0116RA						
86.50	87.90	1.40	A061616	1.300	1.80				2.50	Vas	1						ASSCAN	0S0057RA						
87.90	88.90	1.00	A061617	0.030	0.80				1.50	Va	2						ASSCAN	0S0057RA						
96.60	97.10	0.50	A067803	0.015	0.30				1.00	LT							ASSCAN	0S0116RA						
97.10	97.70	0.60	A067804	0.015	0.30				1.00	LT							ASSCAN	0S0116RA						
97.70	98.70	1.00	A067805	0.015	0.80				2.00	LT							ASSCAN	0S0116RA						
127.60	128.60	1.00	A061618	0.015	1.40				1.50	LT	0.5						ASSCAN	0S0057RA						
128.60	129.70	1.10	A061619	0.030	2.40				1.00	LT	0.5						ASSCAN	0S0057RA						
129.70	130.50	0.80	A067806	0.015	2.10				1.50	TB							ASSCAN	0S0116RA						
130.50	131.40	0.90	A067807	0.015	0.10				1.00	TB							ASSCAN	0S0116RA						

Count:

27



# Drill Hole Log

## Dome Mountain Project Database

Hole Number: **DM-10-058**

**Grid-X:** 653,643.69      **Brg:** 3.20      **Ovb:** 9.80      **Surveyor:** BV Engineering Services      **Drill:** Driftwood Diamond Drilling  
**Grid-Y:** 6,068,876.00      **Dip:** -69.40      **Casing:** 9.80      **Survey Date:** 29-Sep-10      **Drill Dates:** 12-Aug-10 to 13-Aug-10  
**Grid-Z:** 1,265.50      **Depth:** 170.40      **Recover Casing:** yes      **Core Size:** NQ      **Geologist:** Bryan Muloin  
**NTS:** 93L 077      **Claim:** 0      **Area:** DOME MOUNTAIN      **Log Dates:** 13-Aug-10 to 15-Aug-10  
**Target:** Boulder FW Vein below DM-10-054      **Comments:** Drill Pad A. Infill from Feb 2010 program.

Lithology						Alteration			Mineralization				Structure									
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
0.00	9.80	9.80	OB																			
9.80	10.60	0.80	V/S		GRY	Grey fine grained unit																
10.60	11.90	1.30	NC																			
11.90	12.00	0.10	V/S		GRY	Grey as above																
12.00	14.60	2.60	NC																			
14.60	15.20	0.60	V/S		GRY	grey andesite as above with brown ochre oxide zones																
15.20	16.00	0.80	NC																			
16.00	18.60	2.60	V/S		GRY	grey andesite has shards of quartz vein in segment																
18.60	21.00	2.40	NC																			
21.00	22.70	1.70	QV		GRY	transition from grey andesite to series of parallel albite quartz veins in sooty black alteration halo, contact to next unit is ground up shattered core																
21.00	22.70	1.70										21.00	22.70	Vn	40	parallel series <25mm with pyrite & sphalerite						
22.70	24.30	1.60	Va		G-B	Green to pink tinted tan rhyolite as there is small veinlets, subhedra, & eyes of quartz in it, dispersed pyrite																
24.30	25.30	1.00	Va		GRY	Gray variation of above unit has feldspar phenocrysts, has complimentary quartz albite vein pattern, dominant vein set <7mm @ 40 d to core has associated grey halo pattern, secondary vein set <2mm @ 40 d to core																
24.30	25.30	1.00										24.30	25.30	Vn	40	albite quartz has associated grey halo to 4cm						
25.30	31.20	5.90	QV		VAR	Mostly quartz has gneissic black partings & occasional thin 3mm pyrite veins																

Lithology							Alteration				Mineralization				Structure								
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments		
31.20	32.50	1.30	Va		G-B	Grey transition to green tan alteration, green mica present, dispersed pyrite																	
32.50	40.10	7.60	TB		MAR	Top of this unit shows weak banding @ 60 d to core & breccia to 36.3 then is massive fine grained, from 37.5 on mottled pattern of alteration halos as seen in veins, bleached halos																	
36.50	36.70	0.20										36.50	36.70	Vn	40	series of parallel quartz veins 1mm with halo to 7mm							
40.10	41.80	1.70	Va		RED	Pink massive textured alteration, very slight green mica & associated pyrite																	
41.80	43.70	1.90	LT		MAR	Maroon massive fine grained andesite, limited sub rounded breccia appearance																	
43.70	49.80	6.10	TB		GRN	Dark green massive fine grained andesite, has a few albite veins																	
43.90	44.00	0.10										43.90	44.00	Vn	40	quartz vein 3mm has bleached halo 10 cm with cloud of albite veinlets in it							
49.80	57.70	7.90	LT		MAR	Maroon andesite has some breccia of variable size, limited quartz albite veining, calcite is present through out unit, though absent in above units																	
57.70	58.00	0.30	NC																				
58.00	99.38	41.38	LT		MAR	Maroon andesite has some breccia of variable size, limited quartz albite veining, calcite is present through out unit, though absent in above units																	
94.50	94.90	0.40		BTm	MAR																		
94.50	94.90	0.40										94.50	94.90	Bn	65								
98.10	98.90	0.80		BTm	MAR																		
98.10	98.90	0.80										98.10	98.90	Bn	70								
99.38	99.80	0.42	NC																				
99.80	102.10	2.30	AB		MAR	This unit is a coarser variation of above, here a reticular fracture filling of quartz & albite fills voids of ragged outline, darker greys & greens in massive texture also characterize this unit, calcite is present in this unit																	
102.10	102.30	0.20	QV		WHT	This quartz-albite-carbonate-epidote shard shows only a thumb nail patch of epidote on the up hole core to suggest that it belongs to here in the hole. The above unit appears to be an alteration halo to this vein																	
102.10	102.30	0.20					102.10	102.30	Ep	Pch	Str												

Lithology						Alteration				Mineralization				Structure								
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
102.30	111.90	9.60	TB		MAR	Maroon andesite, abundant calcite also epidote present 104 - 106.6 m, increased veins though of irregular orientation																
104.00	106.60	2.60					104.00	106.60	Ep	Pch	Mod											
111.90	112.40	0.50	Va		GRN	Green & pink altered rhyolite as quartz is quite abundant, appears to be uphole halo																
112.40	113.00	0.60	Dkin		MAR	Feldspar porphyry dyke, with small 1 - 2 mm white phenocrysts, has abrupt contacts uphole 45 d to core & downhole 80 d to core, has alteration halo above & below																
112.40	112.40	0.00											112.40	112.40	LC		80					
112.40	112.40	0.00											112.40	112.40	UC		45					
113.00	113.30	0.30	Va		GRN	Green alteration halo has dark purple chill contact with dyke above																
113.30	118.60	5.30	TB		GRN	Green & maroon patches of andesite have quartz albite calcite veins with the green patches up hole which is absent in the green andesite down hole																
118.60	127.00	8.40	FP		GRY	Dark grey to dark purple has fine white phenocrysts, limited veining is calcite rich																
127.00	127.60	0.60	TB		GRN	Green andesite as above alteration																
127.60	129.70	2.10	FP		MAR	Maroon to dark purple with fewer white phenocrysts than above																
129.70	133.90	4.20	Va		GRN	Light green to light grey fine grained altered volcanic																
133.90	136.00	2.10	FP		MAR	Maroon & light green with abundant small white phenocrysts, green clay filled fractures are in parallel series @ 65 d to core																
133.90	136.00	2.10					133.90	136.00	Cy	FF	Pres											
133.90	136.00	2.10											133.90	136.00	Frc		65					
136.00	136.70	0.70	Va		G-B	light green & pink tan andesite with dispersed pyrite																
136.00	136.70	0.70					136.00	136.70	Py	Dism	Wk											
136.70	147.20	10.50	FP		MAR	Maroon to dark purple breccia andesite, core is also highly broken, the porphyry is intermittent																
147.20	151.20	4.00	Va		BLE	Light pink tan with dispersed pyrite, has lens of bright green 148.2 - 148.5m that may be is dyke center of alteration halo, a second dyke 150.3 - 150.9 is FP has abrupt shattered contacts & pyrite halos																
148.20	148.50	0.30		Va	GRN	possible dyke																
150.30	150.90	0.60		Va	GRN	possible dyke.																
150.30	150.90	0.60					150.30	150.90	Py	En	Wk											

Lithology							Alteration				Mineralization				Structure						
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	StyleDeg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
151.20	170.40	19.20	FP		MAR	Maroon to purple with small white phenocrysts, from 156 - 158 the core is moderately fractured with earthy fractures, there are 2 of green altered patches 159.9 - 160.4 & 165.5 - 165.9, at 160 a narrow 5mm quartz albite has chlorite & pyrite on margins															

## *Down Hole Surveys*

Hole No. **DM-10-058**

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<b>BHID</b>	<b>AT</b>	<b>BRG</b>	<b>DIP</b>	<b>TYPE</b>
DM-10-058				
	0.00	3.20	-69.40	C
	18.00	3.20	-69.40	R
	78.90	0.10	-71.00	R
	170.40	358.00	-70.90	R

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# Metal Mountain Resources

## Assays Per Hole

Grid-X:

Grid-Y:

Grid-Z:

Hole Number: DM-10-058

HOLE ID DM-10-058

FROM	TO	Length	SAMPLE	Au	Ag	Cu	ZN	PB	Wt	ROCKTYPE	Py%	CP%	SL%	GL%	VG	Intersect	LAB	CERT#	ExpVal	ISD-Au	Zscore	BAD	%DIFF
21.00	21.60	0.60	A061620	0.200	1.50				10.00	V/S	4						ASSCAN	0S0057RA					
21.60	22.70	1.10	A061621	17.300	55.20		1.49		1.00	QV	15		5			HW	ASSCAN	0S0057RA					
22.70	24.00	1.30	A061622	0.030	1.90				2.00	Va	2						ASSCAN	0S0057RA					
22.70	24.00	1.30	A061623	11.670	1.90				0.10	GS-11A							ASSCAN	0S0057RA	11.210	0.435	1.06	4.10	
24.00	25.30	1.30	A061624	0.100	0.70				2.50	Va	5						ASSCAN	0S0057RA					
25.30	26.50	1.20	A061625	0.030	0.10				2.00	QV	1						ASSCAN	0S0057RA					
26.50	28.00	1.50	A061626	0.015	0.50				2.50	QV	1						ASSCAN	0S0057RA					
28.00	29.50	1.50	A061627	0.400	2.80				2.50	QV	1						ASSCAN	0S0057RA					
29.50	31.20	1.70	A061628	0.200	1.50				2.50	QV	3		1				ASSCAN	0S0057RA					
31.20	32.50	1.30	A061629	0.010	0.30				2.50	Va	1						ASSCAN	0S0057RA					
60.20	60.80	0.60	A067808	0.015	1.50				1.00	TB							ASSCAN	0S0116RA					
60.80	61.50	0.70	A067809	0.015	2.60				1.50	TB							ASSCAN	0S0116RA					
61.50	62.60	1.10	A067810	10.600	2.80				0.10								ASSCAN	0S0116RA					
61.50	62.60	1.10	A067811	0.015	1.00				2.00	TB							ASSCAN	0S0116RA					
64.50	65.70	1.20	A067812	0.015	0.70				1.50	TB							ASSCAN	0S0116RA					
65.70	66.20	0.50	A067813	0.015	0.10				1.00	TB							ASSCAN	0S0116RA					
66.20	67.00	0.80	A067814	0.015	0.30				1.00	TB							ASSCAN	0S0116RA					
130.70	131.80	1.10	A067815	0.015	2.70				2.00	Va							ASSCAN	0S0116RA					
131.80	132.90	1.10	A067816	0.015	2.80				2.00	Va							ASSCAN	0S0116RA					
136.00	136.70	0.70	A061630	0.270	1.50				0.50	Va	1						ASSCAN	0S0057RA					
147.20	148.20	1.00	A061631	0.370	1.00				1.00	Va	1						ASSCAN	0S0057RA					
147.20	148.20	1.00	A061632	0.015	0.70				0.40	BLANK							ASSCAN	0S0057RA	0.015	0.050	0.00	0.00	
148.20	148.50	0.30	A061633	0.015	1.00				0.60	Dkin							ASSCAN	0S0057RA					
148.50	149.40	0.90	A061634	0.015	0.40				1.00	Va	1						ASSCAN	0S0057RA					
149.40	150.30	0.90	A061635	0.100	0.40				2.00	Va	1						ASSCAN	0S0057RA					
150.30	150.90	0.60	A061636	0.015	0.20				1.00	Dkin							ASSCAN	0S0057RA					
150.90	151.20	0.30	A061637	0.030	0.90				0.60	Va							ASSCAN	0S0057RA					

Count:

27





# Drill Hole Log

## Dome Mountain Project Database

Hole Number: **DM-10-059**

**Grid-X:** 653,634.20      **Brg:** 0.10      **Ovb:** 18.30      **Surveyor:** BV Engineering Services      **Drill:** Driftwood Diamond Drilling  
**Grid-Y:** 6,068,793.22      **Dip:** -48.00      **Casing:** 18.30      **Survey Date:** 29-Sep-10      **Drill Dates:** 13-Aug-10 to 15-Aug-10  
**Grid-Z:** 1,262.40      **Depth:** 213.40      **Recover Casing:** yes      **Core Size:** NQ      **Geologist:** Bryan Muloin  
**NTS:** 93L 077      **Claim:** 0      **Area:** DOME MOUNTAIN      **Log Dates:** 15-Aug-10 to 16-Aug-10  
**Target:** Boulder FW vein between DM-10-051 and 054      **Comments:** Drill Pad B; infill from Feb 2010 program

Lithology						Alteration			Mineralization				Structure									
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
0.00	18.30	18.30	OB																			
18.30	31.50	13.20	V/S		GRY	Grey fine grained unit similar to units at top of other holes, has albite calcite veining though of low intensity.																
31.50	37.40	5.90	FP		M-G	Mostly green, numerous breccia clasts, has few albite calcite veins.																
37.40	37.80	0.40	QV		WHT	Quartz-calcite vein appears to be @ 60 d to core, and is sheared off on plane subparallel to core. Chloritic wallrocks.																
37.40	37.80	0.40					37.40	37.80	Chl	En	Mod											
37.50	37.70	0.20												37.50	37.70	Vn	60					
37.80	44.30	6.50	FP		M-G	Mostly green few breccia clasts, has 3 of albite calcite veins similar to above: 38.2-38.3m, 40.1-40.3m & at 43.3-43.5m which is parallel to core & <1cm but has few pyrite blebs.																
37.80	38.70	0.90					37.80	38.70	Sil	Pch	Mod											
44.30	45.10	0.80	QV		WHT	Albite vein with decreased calcite is parallel to core 2cm wide & carries blebby pyrite.																
44.30	45.10	0.80										44.30	45.10	Py								
44.30	45.10	0.80												44.30	45.10	Vn	0					
45.10	46.20	1.10	FP		GRN	Green FP, what passed as breccia above presents here as small patches of increases albite alteration.																
46.20	47.30	1.10	QV		BLE	Pink rhodonite noticeably harder than quartz forms several patches @ 60 d to core no calcite. Gradational change uphole and downhole.																
47.30	47.70	0.40	NC																			
47.70	48.30	0.60	QV		BLE	Pink siliceous																

Lithology						Alteration				Mineralization				Structure								
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
48.30	57.80	9.50	FP		GRN	Mostly green with very minor maroon, very limited albite calcite veins, local breccia texture. Patchy sliceous bleaching.																
56.90	57.30	0.40					56.90	57.30	Sil	Pch	Mod											
57.60	57.80	0.20					57.60	57.80	Sil	Pch	Mod											
57.80	58.30	0.50	QV		BLE	Pink rhodonite, is alteration halo on albite veinlets. No calcite (few vugs from dissolved calcite).																
58.30	58.70	0.40	FP		GRN	Dark green very little breccia texture some albite-calcite veins.																
58.70	59.20	0.50	NC																			
59.20	66.20	7.00	FP		GRN	Dark green very little breccia texture some albite-calcite veins. Local weak bleaching, strong silicification 60.0-60.2m.																
60.00	60.20	0.20					60.00	60.20	Sil	Pch	Str											
66.20	67.80	1.60	LT		MAR	Maroon breccia andecite, few albite-calcite veins.																
67.80	68.30	0.50	Dkin		GRN	Abrupt but not parallel contacts, upper contact @ 40 d to core, lower contact @ 70 d to core.																
67.80	68.30	0.50															67.80	68.30	LC	70		
67.80	68.30	0.50															67.80	68.30	UC	40		
68.30	69.80	1.50	LT		MAR	Limited breccia; few white feldspar phenocrysts; some thin 2-5mm albite calcite veins.																
69.80	71.20	1.40	Dkin		GRN	Abrupt contacts @ 35 d to core on green dyke like unit.																
69.80	71.20	1.40															69.80	71.20	Cn	35		
71.20	87.50	16.30	LT		MAR	Breccia as well as patches of white feldspar phenocrysts through this unit. A couple of green dyke like zones are narrow 12 cm. Some albite calcite veining, @ 87.1m an carbonate vein 2 cm @ 55 d to core is margined by chlorite.																
87.10	87.10	0.00															87.10	87.10	Vn	55		
87.50	93.10	5.60	FP		MAR	Typical darker purple & lack of breccia texture suggest this might be a dyke unit.																
93.10	101.60	8.50	LT		MAR	Breccia zones are not continuous through unit (much of unit is AT to XT), albite calcite veins are @ 98.7-98.8m a FP unit has abrupt parallel contacts @ 40 d to core is probably a dyke unit.																
93.10	101.60	8.50															93.10	101.60	Cn	40		

Lithology						Alteration				Mineralization				Structure								
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
101.60	103.20	1.60	Va		GRN	Streaky light green unit is @ various angles to core suggesting viscous flow. The albite veins include quartz & are wider @ < 2 cm. Pyrite is dispersed cubes.																
101.60	103.20	1.60					101.60	103.20	Py	Dism	Wk											
103.20	111.50	8.30	BTm		MAR	Breccia clasts of <1 cm, some amygdules, some calcite in few albite veins, occasional chlorite green amygdule.																
103.20	111.50	8.30												103.20	111.50	Bn	65					banding in breccia
111.50	113.60	2.10	AB		G-M	Light maroon matrix includes both dark maroon angular phenocrysts (possibly orthoclase?) & green angular to rounded amygdules (possibly chlorite); both <4mm. Calcite is present in matrix.																
111.50	113.60	2.10					111.50	113.60	Cb	Mtx	Mod											
113.60	119.90	6.30	AB		MAR	Amygdules are both as small rounded masses < 5 mm, & as larger angular flaggy-to-ragged calcite/albite masses that orient with a reticulate fracture pattern. Banded tuff is present & is variant of AB.																
119.90	121.70	1.80	AB		GRN	Light green epidote-altered, which seems to come in with quartz-carbonate veining @ 35 d to core. Pink orthoclase phenocrysts are present in the more intense epidote lenses. Calcite is present in quartz veins on margins & cleavages.																
120.00	121.70	1.70												120.00	121.70	Vn	35					
121.70	125.10	3.40	AB		MAR	Amygdules present as smaller rounded inclusions which range into larger flaggy ragged masses. Intermittant patches with maroon orthoclase phenocrysts.																
122.00	122.70	0.70												122.00	122.70	Vn	30					parallel series of albite-quartz veins < 5 mm
125.10	126.60	1.50	AB		GRN	Light green epidote-altered with quartz veining, has maroon to pink orthoclase phenocrysts.																
126.60	133.20	6.60	AB		MAR	Transition from rounded, small to flaggy, large amygdules well developed. Maroon orthoclase phenocrysts through unit.																
133.20	134.20	1.00	AB		GRN	Light green epidote-altered; transition in phenocrysts in that they are so maroon as to appear black.																
134.20	141.90	7.70	AB		MAR	Both small, rounded & large, ragged, flaggy amygdules. Pink to maroon orthoclase phenocrysts.																

Lithology						Alteration				Mineralization				Structure									
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments		
141.90	163.00	21.10	FP		MAR	Maroon to dark purple; abundant small 1-2mm white feldspar phenocrysts. Noticable decrease in calcite present & on phenocrysts only. Limited veins in unit. Some small green alteration patches present.																	
163.00	169.00	6.00	FP		GRN	Green altered FP has white phenocrysts too, calcite only in albite veins.																	
169.00	172.40	3.40	FP		MAR	Maroon to dark purple; with abundant small white phenocrysts, & internal small zone of green alteration. Calcite in few albite veins.																	
172.40	177.70	5.30	FP		GRN	The green unit is speckled with black; which under magnification has a maroon cast (possible orthoclase phenocrysts?). White feldspar phenocrysts still occur but are fewer, calcite in few albite veins only. 177.1-177.7m: pale rounded (rhyolitic) xenoliths to 5cm. 176.4-177.7m: increasing sericite & bleaching downhole.																	
173.20	176.40	3.20					173.20	176.40	Py	Dism	Mod												
174.80	174.80	0.00											174.80	174.80	Vn	65	narrow pyrite vein <2mm has bleached halo 15mm						
176.40	177.70	1.30					176.40	177.70	Ser	Pch	Mod												
176.40	177.70	1.30					176.40	177.70	Py	Pch	Mod												
177.70	178.50	0.80	Va		BLE	Increasing downhole:sericite, silica, pyrite and shearing. Weak chlorite. Downhole contact gradational, with increasing hematite.																	
177.70	178.50	0.80					177.70	178.50	Ser	Perv	Mod												
177.70	178.50	0.80					177.70	178.50	Sil	Perv	Wk												
177.70	178.50	0.80					177.70	178.50	Py	Perv	Wk												
178.00	178.50	0.50											178.00	178.50	Sh	65							
178.50	184.30	5.80	FP		MAR	White phenocrysts are not continuous through unit. From 182.7-184.3m core is broken & has clay or earthy nature (faulted).																	
184.30	185.00	0.70	Va		G-B	Green tan, streaky, has dispersed pyrite.																	
184.30	185.00	0.70					184.30	185.00	Py	Dism													
185.00	185.40	0.40	QV		WHT	Quartz with limited albite vein; bands of pyrite-sphalerite @ 75 d to core.																	
185.00	185.40	0.40										185.00	185.40	Py									
185.00	185.40	0.40										185.00	185.40	Sph									
185.00	185.40	0.40											185.00	185.40	Bn	75							
185.40	187.10	1.70	Va		G-B	Pink & green to tan; has dispersed pyrite.																	
185.40	187.10	1.70					185.40	187.10	Py	Dism													
187.10	187.40	0.30	QV		WHT	Quartz with minor albite, has blebs & stringers of pyrite.																	

Lithology						Alteration				Mineralization				Structure								
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
187.10	187.40	0.30										187.10	187.40	Py								
187.10	187.40	0.30										187.10	187.40	Py								
187.40	187.70	0.30	<b>Va</b>		G-B	Has dispersed pyrite.																
187.40	187.70	0.30					187.40	187.70	Py	Dism												
187.70	192.00	4.30	<b>BTm</b>		MAR	Banding well developed @ 60 d to core. Limited calcite but more than in mineralized zone above.																
187.70	192.00	4.30															187.70	192.00	Bn	60		
192.00	196.30	4.30	<b>FP</b>		MAR	From 192.0-193.0m bleached pink-beige, and chalky sericite-clay altered, with few quartz-chlorite stringers. White feldspar phenocrysts are well developed, continuing in maroon segment as smaller. At 196.0-196.07m, 4cm alteration zone @ 45 d to core has small 1cm quartz vein with pyrite.																
192.00	193.00	1.00					192.00	193.00	Ser	Perv	Mod											
192.00	193.00	1.00					192.00	193.00	Cy	Perv	Mod											
194.00	194.07	0.07															194.00	194.07	Vn	45		
196.30	197.30	1.00	<b>FP</b>		GRN	Alteration zone associated with barren quartz veins.																
197.30	204.00	6.70	<b>FP</b>		MAR	Maroon to purple porphyry with small white phenocrysts, absence of calcite.																
204.00	204.70	0.70	<b>QV</b>		WHT	Light green zone associated with quartz vein semi-parallel to core, 1-2% pyrite in vein halo (esp at uphole end).																
204.00	204.70	0.70					204.00	204.70	Py	En	Wk											
204.00	204.70	0.70															204.00	204.70	Vn	5		
204.70	205.10	0.40	<b>Va</b>		BLE	Pale green, sericite-chlorite altered																
204.70	205.10	0.40					204.70	205.10	Ser	Pch	Mod											
204.70	205.10	0.40					204.70	205.10	Chl	Pch	Wk											
205.10	208.10	3.00	<b>FP</b>		MAR	Darker purple unit with small white feldspar phenocrysts.																
208.10	213.40	5.30	<b>FP</b>		GRN	Alteration zone is green with small white phenocrysts, seems associated with contorted quartz albite veins. Limited alteration with pyrite is banded @ high angle to core, limited calcite.																
208.10	213.40	5.30					208.10	213.40	Py	Bn	Wk											
208.10	213.40	5.30															208.10	213.40	Bn	75		

## *Down Hole Surveys*

Hole No. **DM-10-059**

<b>BHID</b>	<b>AT</b>	<b>BRG</b>	<b>DIP</b>	<b>TYPE</b>
DM-10-059				
	0.00	0.10	-48.00	C
	23.50	0.10	-48.00	R
	108.80	0.70	-48.60	R
	213.40	2.40	-48.90	R

# Metal Mountain Resources

## Assays Per Hole

Grid-X:

Grid-Y:

Grid-Z:

Hole Number: DM-10-059

HOLE ID DM-10-059

FROM	TO	Length	SAMPLE	Au	Ag	Cu	ZN	PB	Wt	ROCKTYPE	Py%	CP%	SL%	GL%	VG	Intersect	LAB	CERT#	ExpVal	ISD-Au	Zscore	BAD	%DIFF	
37.40	37.80	0.40	A067762	0.015	4.80				<b>0.70</b>	QV							ASSCAN	OS0116RA						
37.80	38.70	0.90	A067763	0.015	3.70				<b>2.00</b>	Va							ASSCAN	OS0116RA						
43.10	44.30	1.20	A067764	0.030	4.70				<b>3.00</b>	FP							ASSCAN	OS0116RA						
44.30	45.10	0.80	A061638	0.800	1.20				<b>1.80</b>	QV	2						ASSCAN	OS0069RA						
45.10	46.20	1.10	A067765	0.070	1.70				<b>3.00</b>	FP							ASSCAN	OS0116RA						
46.20	47.30	1.10	A067766	0.030	1.40				<b>2.00</b>	QV							ASSCAN	OS0116RA						
47.70	48.30	0.60	A067767	0.300	0.50				<b>1.00</b>	QV							ASSCAN	OS0116RA						
48.30	49.00	0.70	A067768	0.015	0.20				<b>1.50</b>	FP							ASSCAN	OS0116RA						
56.90	57.80	0.90	A067769	0.015	0.40				<b>2.00</b>	FP							ASSCAN	OS0116RA						
57.80	58.30	0.50	A067770	0.015	0.30				<b>1.00</b>	QV							ASSCAN	OS0116RA						
57.80	58.30	0.50	A067771	<b>10.530</b>	1.50				0.10	GS-11A							ASSCAN	OS0116RA	<b>11.210</b>	0.435	<b>-1.56</b>	<b>-6.07</b>		
58.30	58.70	0.40	A067772	0.015	0.10				<b>0.70</b>	FP							ASSCAN	OS0116RA						
59.20	60.00	0.80	A067773	0.015	0.40				<b>1.00</b>	FP							ASSCAN	OS0116RA						
60.00	60.20	0.20	A067774	0.015	1.40				<b>0.50</b>	FP							ASSCAN	OS0116RA						
60.20	61.00	0.80	A067775	0.015	0.20				<b>1.50</b>	FP							ASSCAN	OS0116RA						
101.60	102.40	0.80	A061639	0.030	0.50				<b>1.70</b>	Va	2						ASSCAN	OS0069RA						
102.40	103.20	0.80	A061640	0.030	2.50				<b>1.70</b>	Va	2						ASSCAN	OS0069RA						
119.90	120.80	0.90	A067776	0.015	0.70				<b>1.50</b>	AB							ASSCAN	OS0116RA						
120.80	121.70	0.90	A067777	0.015	0.60				<b>2.00</b>	AB							ASSCAN	OS0116RA						
125.10	126.10	1.00	A067778	0.015	1.00				<b>3.00</b>	AB							ASSCAN	OS0116RA						
173.20	174.00	0.80	A067779	0.015	2.50				<b>2.00</b>	FP							ASSCAN	OS0116RA						
174.00	175.00	1.00	A067780	0.015	1.90				<b>2.00</b>	FP							ASSCAN	OS0116RA						
174.00	175.00	1.00	A067781	0.015	0.60				<b>0.70</b>	BLANK							ASSCAN	OS0116RA	0.015	0.050	0.00	0.00		
175.00	176.00	1.00	A067782	0.015	2.90				<b>2.00</b>	FP							ASSCAN	OS0116RA						
176.00	176.80	0.80	A067783	0.015	3.60				<b>2.00</b>	FP							ASSCAN	OS0116RA						
176.80	177.70	0.90	A067784	0.015	2.40				<b>1.50</b>	FP							ASSCAN	OS0116RA						
177.70	178.50	0.80	A067785	0.015	2.30				<b>1.50</b>	FP							ASSCAN	OS0116RA						
182.70	183.50	0.80	A067786	0.015	1.60				<b>1.00</b>	FP							ASSCAN	OS0116RA						
183.50	184.30	0.80	A067787	0.015	0.70				<b>1.00</b>	FP							ASSCAN	OS0116RA						
184.30	185.00	0.70	A061641	0.070	0.90				<b>1.40</b>	Va	1						ASSCAN	OS0069RA						
185.00	185.40	0.40	A061642	<b>9.674</b>	26.20		<b>9.00</b>		<b>0.90</b>	QV	10	1				BFW	SGS	OS0069RA						
185.40	186.30	0.90	A061643	0.090	0.90				<b>1.70</b>	Va	3						BFW	ASSCAN	OS0069RA					
186.30	187.10	0.80	A061644	0.890	2.70				<b>1.50</b>	Va	2						BFW	ASSCAN	OS0069RA					
186.30	187.10	0.80	A061645	<b>8.200</b>	2.50					GS-8A							ASSCAN	OS0069RA	<b>8.250</b>	0.300	<b>-0.17</b>	<b>-0.61</b>		
187.10	187.40	0.30	A061646	<b>14.861</b>	12.80				<b>0.60</b>	QV	5						BFW	SGS	OS0069RA					
187.40	187.70	0.30	A061647	0.180	1.60				<b>0.50</b>	Va							ASSCAN	OS0069RA						
187.70	188.40	0.70	A067788	0.015	1.00				<b>1.00</b>	BTm							ASSCAN	OS0116RA						

*HOLE ID DM-10-059*

FROM	TO	Length	SAMPLE	Au	Ag	Cu	ZN	PB	Wt	ROCKTYPE	Py%	CP%	SL%	GL%	VG	Intersect	LAB	CERT#	ExpVal	SD-Au	Zscore	BAD	%DIFF
191.20	192.00	0.80	A067789	0.015	0.50				1.50	BTm							ASSCAN	0S0116RA					
191.20	192.00	0.80	A067790	7.700	3.30				0.10	GS-8A							ASSCAN	0S0116RA	8.250	0.300	-1.83		-6.67
192.00	193.00	1.00	A067791	0.015	1.00				2.00	FP							ASSCAN	0S0116RA					
193.00	193.80	0.80	A067792	0.015	0.30				1.00	FP							ASSCAN	0S0116RA					
196.00	196.30	0.30	A067793	0.015	0.60				0.70	FP							ASSCAN	0S0116RA					
196.30	197.00	0.70	A067794	0.015	0.70				1.50	FP							ASSCAN	0S0116RA					
203.70	204.10	0.40	A067795	0.015	0.40				1.00	FP							ASSCAN	0S0116RA					
204.10	204.70	0.60	A061648	0.070	0.90				1.40	QV		2					ASSCAN	0S0069RA					
204.70	205.30	0.60	A067796	0.015	0.20				1.00	QV							ASSCAN	0S0116RA					
210.70	211.30	0.60	A067797	0.030	0.70				1.00	FP							ASSCAN	0S0116RA					
211.30	212.40	1.10	A067798	0.015	0.20				2.00	FP							ASSCAN	0S0116RA					
212.40	213.40	1.00	A061649	1.530	8.30				2.30	QV		2					ASSCAN	0S0069RA					
214.50	0.00	#####	A067799	0.015	0.90				1.50								ASSCAN	0S0116RA					

*Count:* 50





# Drill Hole Log

## Dome Mountain Project Database

Hole Number: **DM-10-060**

**Grid-X:** 653,634.20      **Brg:** 357.90      **Ovb:** 18.30      **Surveyor:** BV Engineering Services      **Drill:** Driftwood Diamond Drilling  
**Grid-Y:** 6,068,793.22      **Dip:** -55.10      **Casing:** 18.30      **Survey Date:** 29-Sep-10      **Drill Dates:** 16-Aug-10 to 17-Aug-10  
**Grid-Z:** 1,262.40      **Depth:** 233.80      **Recover Casing:** yes      **Core Size:** NQ      **Geologist:** Bryan Muloin  
**NTS:** 93L 077      **Claim:** 0      **Area:** DOME MOUNTAIN      **Log Dates:** 17-Aug-10 to 18-Aug-10  
**Target:** Boulder FW above DM-10-051      **Comments:** Drill pad B; infill from Feb 2010 program

Lithology						Alteration			Mineralization				Structure									
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
0.00	18.30	18.30	OB																			
18.30	29.50	11.20	V/S		GRY	Gray fine grained, has thin 1-2 mm albite calcite veining parallel @ 50 d to core.																
18.30	29.50	11.20										18.30	29.50	Vn	50							
29.50	30.50	1.00	FP		GRN	Green alteration zone has some small <2mm white phenocrysts. Up hole end is brecciated & albite quartz flooded, very limited calcite in unit that progresses to limited veining down hole.																
30.50	43.10	12.60	FP		GRY	Mostly grey with both green & maroon tints, identified by the small white feldspar phenocrysts; this unit has breccia zones of maroon tint below green veined zones at top of unit & again @ 38.4 m, calcite present with albite veins.																
32.60	32.60	0.00										32.60	32.60	Vn	30	quartz with blebby pyrite & spec of chalcopyrite vein 1 cm						
39.80	39.80	0.00										39.80	39.80	Vn	30	quartz with some fine cubes of pyrite on margins vein 1 cm is one of series of parallel veins						
43.10	43.80	0.70	Dkin		GRN	Fine grained, aphanitic. Has abrupt contacts @ 40 d to core; has internal vein pattern in repeating zones of complementary veins as parallel to dyke & @ right angles to dyke. Calcite present in veins only.																
43.10	43.80	0.70										43.10	43.80	Cn	40							
43.80	54.50	10.70	FP		GRY	Mostly includes breccia to clasts of 2 cm. Is moderately albite calcite veined < 5mm that appear parallel & @ 30 d to core.																
43.80	54.50	10.70										43.80	54.50	Vn	30							

Lithology						Alteration				Mineralization				Structure								
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
54.50	55.80	1.30	<b>Dkin</b>		GRN	Fine grained green, abrupt contacts @ 60 d to core. Has complimentary calcite vein <1 mm pattern appear to be parallel & @ right angles to dyke contacts.																
54.50	54.50	0.00																54.50	54.50	Cn	60	
55.80	64.70	8.90	<b>FP</b>		MAR	Green & purple tints with small white phenocrysts characterize this unit. Breccia clasts are subrounded, calcite is limited to few thin veins. Area below the above dyke extends ~ 1m & is pink altered & quartz albite veined.																
55.80	55.80	0.00																55.80	55.80	Cn	60	
64.70	66.90	2.20	<b>BTm</b>		MAR	Mostly massive maroon basalt has green alteration with increased calcite banding @ 50 d to core & no calcite in massive basalt.																
64.70	66.90	2.20																64.70	66.90	Bn	50	
66.90	68.10	1.20	<b>Dt</b>		GRN	Bright green altered andesite has maroon colored fracture zones.																
68.10	71.00	2.90	<b>BTm</b>		MAR	Up hole end of unit is maroon FP with maroon alteration bands developing on fractures @ 50 d to core. FP is angular veined developing a very proto amygdular appearance, down hole is massive maroon basalt.																
68.10	71.00	2.90																68.10	71.00	Frc	50	
71.00	85.40	14.40	<b>LT</b>		MAR	Maroon breccia, clasts <6cm are usually elongated & more rounded than angular. Calcite in few veins.																
85.40	90.80	5.40	<b>FP</b>		MAR	Small white feldspar phenocrysts characterizes this unit. Limited number of small rounded clasts, calcite in few veins.																
90.80	92.40	1.60	<b>Va</b>		RED	Light pink & green alteration. Has pyrite & chalcopryrite on 3mm quartz veins @ 15 d & 50 d to core.																
90.80	92.40	1.60																90.80	92.40	Vn	50	
90.80	92.40	1.60																90.80	92.40	Vn	15	
92.40	93.20	0.80	<b>LT</b>		MAR	Breccia clasts characterize this unit. Weak calcite.																
92.40	93.20	0.80					92.40	93.20	Cb	Pch	Wk											
93.20	94.30	1.10	<b>QV</b>		GRN	Green alteration zone halo to quartz albite chlorite calcite veins <3cm. Some pyrite associated with vein margin, representative sample not possible in breccia.																
94.30	96.00	1.70	<b>LT</b>		MAR	Quartz albite with chlorite on margins vein <1 cm is semi parallel to core.																
94.30	96.00	1.70																94.30	96.00	Vn	10	

Lithology						Alteration				Mineralization				Structure								
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
96.00	97.20	1.20	AB		MAR	Variable sized amygdules 5 mm-2 cm.																
97.20	98.60	1.40	QV		GRN	Epidote alteration on quartz vein 1 cm semi parallel to core. Has chlorite on vein margins, lots of calcite.																
97.20	98.60	1.40					97.20	98.60	Chl	En	Mod											
97.20	98.60	1.40					97.20	98.60	Ep	En	Mod											
97.20	98.60	1.40					97.20	98.60	Cb	En	Str											
97.20	98.60	1.40															97.20	98.60	Vn	10		
98.60	105.70	7.10	AB		MAR	Amygdules in patches through unit. Some FP present as red orthoclase phenocryst patches. Epidote alteration with quartz calcite veins also in patches through unit.																
98.60	105.70	7.10					98.60	105.70	Ep	En	Wk											
105.70	107.60	1.90	Va		G-B	Up hole starts as green pink with quartz eyes, includes zone of FP with red orthoclase phenocrysts, is not usual Va. Calcite present in light color zones & weak in maroon zones.																
105.70	107.60	1.90					105.70	107.60	Cb	Pch	Mod											
107.60	108.70	1.10	AB		MAR	Large flaggy irregular amygdules.																
108.70	111.30	2.60	Va			Similar to above not usual Va; is dominated by epidote green alteration, includes red orthoclase phenocrysts & amygdules in patches.																
108.70	111.30	2.60					108.70	111.30	Ep	Pch	Mod											
111.30	115.10	3.80	AB		MAR	Amygdules occur in broad patches & vary from small <5mm round to flaggy ragged large 2cm.																
115.10	116.40	1.30	FP		MAR	Light maroon altered with red orthoclase phenocrysts.																
116.40	117.50	1.10	Va		GRN	Light green epidote altered, has red orthoclase phenocrysts wide spaced through it.																
116.40	117.50	1.10					116.40	117.50	Ep	Pch	Mod											
117.50	118.50	1.00	AB		MAR	Mostly large flaggy amygdules.																
118.50	121.00	2.50	Va		MAR	Weak non usual alteration, light maroons & greens, red orthoclase phenocrysts through zone.																
121.00	125.10	4.10	AB		MAR	Some epidote alteration in this large ragged flaggy amygdule dominated unit.																
125.10	133.80	8.70	FP		MAR	Purple maroon is typical color with white small feldspar phenocrysts, elongated but diffuse edges, few/no veining, some calcite.																
132.10	132.20	0.10															132.10	132.20	Cn	35	narrow green dyke 8 cm	
133.80	134.30	0.50	Dkin		GRN	Dark green aphanitic dyke, has abrupt contacts @ 65 d to core.																

Lithology						Alteration				Mineralization				Structure								
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
133.80	133.80	0.00															133.80	133.80	Cn	65		
134.30	140.50	6.20	FP		MAR	The FP occurs as occasional smaller patches, this unit has increased veining, the maroon is not purple as usual.																
134.30	134.30	0.00															134.30	134.30	Cn	65		
140.50	141.50	1.00	FP		GRN	Green altered FP with abundant white phenocrysts, is possible dyke.																
141.50	147.10	5.60	FP		MAR	Maroon to purple with abundant white feldspar phenocrysts, few calcite veins.																
147.10	152.50	5.40	FP		GRN	Green with patchy zones of white feldspar phenocrysts, calcite restricted to occasional thin veins.																
152.50	158.00	5.50	FP		MAR	Maroon to purple, white phenocrysts are patchy in occurrence. Some angular breccia clasts of FP with matrix of non-porphyry, has few green altered short zones some associated with fractures.																
158.00	164.50	6.50	FP		GRN	Green altered FP, has few veins with calcite.																
164.50	166.20	1.70	Va		GRN	Silicified breccia zone, has very minor dispersed pyrite <1%, is not typical Va.																
164.50	166.20	1.70					164.50	166.20	Sil	Perv	Mod											
164.50	166.20	1.70					164.50	166.20	Py	Perv	Wk											
166.20	175.80	9.60	BTm		MAR	Not continuously banded as includes short segments of FP, banding @ 35 d to 40 d to core, calcite veining is moderate.																
166.20	175.80	9.60					166.20	175.80	Cb	Str	Mod											
166.20	175.80	9.60															166.20	175.80	Bn	40		
166.20	175.80	9.60															166.20	175.80	Bn	35		
175.80	176.50	0.70	Va		GRN	Light green some pink, dispersed pyrite.																
175.80	176.50	0.70					175.80	176.50	Py	Dism	Wk											
176.50	184.50	8.00	FP		MAR	Maroon to dark purple, white small phenocrysts, several lenses of green alteration.																
184.50	189.30	4.80	FP		GRN	Green altered FP, limited amount of albite calcite veins.																
189.30	189.90	0.60	NC		GRN	Lost core, is zone of green clay or gouge, probable shear.																
189.90	206.50	16.60	FP		MAR	Maroon to dark purple, white small phenocrysts; has zone of green altered FP.																
206.50	207.20	0.70	FP		GRN	Green altered zone has dispersed pyrite, no calcite.																
206.50	207.20	0.70					206.50	207.20	Py	Dism	Wk											

Lithology							Alteration				Mineralization				Structure							
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
207.20	209.40	2.20	FP		MAR	Maroon to dark purple, some white phenocrysts, some green alteration, calcite in veins only.																
207.20	209.40	2.20					207.20	209.40	Cb	Str	Wk											
209.40	209.90	0.50	Va		RED	Light pink, some what streaky, pyrite on veins, no calcite.																
209.90	212.90	3.00	FP		MAR	Dark purple with larger white phenocrysts <5mm.																
212.90	215.00	2.10	Va		VAR	Various alteration types to end of hole: this unit light pink green & tan.																
215.00	216.10	1.10	Va		MAR	Light maroon with streaky green zones.																
216.10	219.10	3.00	Va		BLE	Bleached pinks & greens, chalky appearance.																
219.10	219.70	0.60	Va		MAR	Bleached maroon FP with larger phenocrysts.																
219.70	223.30	3.60	Va		BLE	Bleached, chalky appearance, some pyrite.																
223.30	226.20	2.90	Va		GRN	Bleached green, has semi parallel to core albite quartz veins < 1 cm. Some pyrite on margins.																
223.30	0.00	#####					223.30	0.00	Qz	Str	Wk											
223.30	0.00	#####					223.30	0.00	Py	Str	Wk											
226.20	228.40	2.20	FP		MAR	Bleaching is present in this unit too.																
228.40	232.10	3.70	Va		GRN	Bleached green slight streaky appearance.																
232.10	233.80	1.70	FP		MAR	Bleached purple with white phenocrysts.																

## *Down Hole Surveys*

Hole No. **DM-10-060**

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<b>BHID</b>	<b>AT</b>	<b>BRG</b>	<b>DIP</b>	<b>TYPE</b>
DM-10-060				
	0.00	357.90	-55.10	C
	26.50	357.90	-55.10	R
	100.60	356.30	-56.00	R
	218.50	357.40	-57.40	R

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# Metal Mountain Resources

## Assays Per Hole

Grid-X:

Grid-Y:

Grid-Z:

Hole Number: DM-10-060

HOLE ID DM-10-060

FROM	TO	Length	SAMPLE	Au	Ag	Cu	ZN	PB	Wt	ROCKTYPE	Py%	CP%	SL%	GL%	VG	Intersect	LAB	CERT#	ExpVal	ISD-Au	Zscore	BAD	%DIFF
91.80	92.10	0.30	A061650	0.330	17.80				0.50	Va	0.5	0.3					ASSCAN	0S0069RA					
164.50	165.30	0.80	A061651	0.015	1.50				1.50	Va	0.3						ASSCAN	0S0069RA					
165.30	166.20	0.90	A061652	0.015	1.80				2.30	Va	0.3						ASSCAN	0S0069RA					
175.80	176.50	0.70	A061653	0.030	1.10				1.40	Va	1						ASSCAN	0S0069RA					
206.50	207.20	0.70	A061654	0.015	0.05				1.90	FP	0.3						ASSCAN	0S0069RA					
209.40	209.90	0.50	A061655	0.015	0.05				0.80	Va	0.3						ASSCAN	0S0069RA					
213.70	214.20	0.50	A061656	0.015	0.05				1.40	Va	0.3						ASSCAN	0S0069RA					
221.60	222.50	0.90	A061657	0.030	0.40				1.50	Va	0.3						ASSCAN	0S0068RA					
221.60	222.50	0.90	A061658	0.015	0.05				0.70	BLANK							ASSCAN	0S0068RA	0.015	0.050	0.00	0.00	
222.50	223.30	0.80	A061659	0.030	0.70				2.00	Va	0.03						ASSCAN	0S0068RA					
225.40	226.00	0.60	A061660	0.015	0.40				1.30	Va							ASSCAN	0S0068RA					

Count: 11



# Drill Hole Log

## Dome Mountain Project Database

Hole Number: **DM-10-061**

**Grid-X:** 653,675.99      **Brg:** 359.10      **Ovb:** 13.10      **Surveyor:** McElhanney      **Drill:** Driftwood Diamond Drilling  
**Grid-Y:** 6,068,889.41      **Dip:** -59.90      **Casing:** 13.10      **Survey Date:** 07-Sep-10      **Drill Dates:** 17-Aug-10 to 19-Aug-10  
**Grid-Z:** 1,258.93      **Depth:** 84.40      **Recover Casing:** yes      **Core Size:** NQ      **Geologist:** Bryan Muloin  
**NTS:** 93L 077      **Claim:** 0      **Area:** DOME MOUNTAIN      **Log Dates:** 19-Aug-10 to 20-Aug-10  
**Target:** Boulder FW Vein above DM-10-050      **Comments:** Drill Pad I; infill from Feb 2010 program. Hole shortened from planned 100m.

Lithology						Alteration			Mineralization				Structure										
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments		
0.00	13.10	13.10	OB																				
13.10	30.40	17.30	FP		GRY	Grey is the least altered of this unit with small 1-2mm white phenocrysts. Though green alteration is the most pervasive; to 14 m it includes lapilli size 1cm rounded inclusions that reappear through unit. From 14.3-15.2 m a series of 4 regularly spaced bleached to light pink alteration patches accompany a series of 12 parallel albite veins <2mm @ 35 d to core in FP that is green altered, these initiate a repeating pattern of alteration, no calcite.																	
13.10	30.40	17.30										13.10	30.40	Vn	35								
15.90	16.30	0.40		Vas	GRY	Bleached grey alteration with dispersed pyrite <1% halos an albite pyrite 15% sphalerite 5 % vein 4 cm @ 45 d to core has black margin halos																	
15.90	16.30	0.40					15.90	16.30	Py	Dism	Wk												
15.90	16.30	0.40							15.90	16.30	Py	15											
15.90	16.30	0.40							15.90	16.30	Py	15											
15.90	16.30	0.40							15.90	16.30	Sph	5											
15.90	16.30	0.40							15.90	16.30	Sph	5											
15.90	16.30	0.40															15.90	16.30	Vn	45			
18.10	18.30	0.20		Va	GRY	Bleached grey alteration with dispersed pyrite < 1% surrounded by green alteration																	
19.10	19.20	0.10		Va	GRY	Bleached green-grey alteration with dispersed pyrite < 1% surrounded by green alteration																	
19.90	20.20	0.30		Va	MAR	Mottled pink alteration halos, albite-quartz vein 1cm @ 35 d to core																	
19.90	20.20	0.30															19.90	20.20	Vn	35			



Lithology						Alteration				Mineralization				Structure									
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments		
22.40	22.50	0.10		Va	MAR	Light purple alteration has granular <2mm quartz dispersed in it with green alteration above it																	
27.40	27.70	0.30		QV	GRN	Halo pattern on zoned quartz albite pyrite 5% sphalerite 2% vein 3 cm @ 35 d to core, has black margins to vein																	
27.40	27.70	0.30					27.40	27.70	Py	Dism	Wk												
27.40	27.70	0.30										27.40	27.70	Sph	5								
27.40	27.70	0.30										27.40	27.70	Py	5								
27.40	27.70	0.30										27.40	27.70	Sph	2								
27.40	27.70	0.30										27.40	27.70	Py	5								
28.30	28.60	0.30		QV	GRY	Black halo on zoned quartz albite pyrite 10% vein 4 cm @ 40 d to core																	
28.30	28.60	0.30										28.30	28.60	Py	10								
28.30	28.60	0.30										28.30	28.60	Py	10								
29.60	29.80	0.20		Va	GRN	Pale green alteration with dispersed pyrite <1% with darker green alteration above & below																	
29.60	29.80	0.20										29.60	29.80	Py	1								
30.40	32.90	2.50		Va	BLE	Bleached alteration zone as continuation of repeating series in above unit, has black zones as above but limited sulphides, no calcite.																	
32.90	33.70	0.80		FP	MAR	Very small white phenocrysts 1mm in aphanitic matrix, is halo with symmetrical maroon unit @ 37.3 - 39.3																	
32.90	39.30	6.40		Va	MAR	Maroon bounded alteration assemblage, no calcite till weak occurrence @ bottom of unit.																	
33.70	34.30	0.60		Dkin	GRN	Aphanitic bright green, similar to unit often seen as dyke here seen with gradational contacts, is halo with symmetrical green unit @ 35 - 37.3																	
34.30	35.00	0.70		Va	RED	Pink felsic, has shatter pattern filled with white albite																	
35.00	37.30	2.30		Dkin	GRN	Aphanitic bright green, similar to unit above, has very occasional white phenocrysts & some albite veins																	
37.30	39.30	2.00		Dt	MAR	Maroon aphanitic unit similar to above maroon unit																	
39.30	40.50	1.20		FP	GRN	FP is matrix in which lapilli size 2 cm angular to rounded clasts are enclosed.																	
40.50	43.60	3.10		FP	MAR	White phenocrysts are sparsely distributed through unit, has halo on several veins, calcite.																	
41.00	41.20	0.20		FP	GRN	possible misplaced core?																	

Lithology						Alteration				Mineralization				Structure								
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
41.80	42.00	0.20		QV	GRN	Green alteration halo on zoned albite vein 1 cm @ 10 d to core, has chlorite on vein margins																
41.80	42.00	0.20																41.80	42.00	Vn		10
42.80	43.00	0.20		QV	GRN	Green alteration halo on albite vein 1 cm @ 20 d to core is parallel with above vein & series of smaller < 2mm veins																
42.80	43.00	0.20																42.80	43.00	Vn		20
43.60	47.00	3.40		FP	GRN	Green altered, has white phenocrysts in matrix supporting clasts 1-4 cm, calcite.																
46.60	46.90	0.30		QV	WHT	Quartz albite chlorite zoned vein 2 cm @ 20 d to core, is parallel to above veins																
46.60	46.90	0.30																46.60	46.90	Vn		20
47.00	48.10	1.10		LT	MAR	Clasts < 3 cm, some clasts have amygdules <1 cm, calcite.																
48.10	49.70	1.60		LT	GRN	Green alteration, no clasts, no bedding, no phenocrysts, very weak development of amygdules, calcite.																
49.70	50.00	0.30		Va	RED	Pink & light green alteration, dispersed pyrite.																
50.00	50.30	0.30		QV	BLK	White quartz lenses in black margins , pyrite is in black margins.																
50.00	50.30	0.30										50.00	50.30	Py		1						
50.30	52.50	2.20		Va	GRN	Green with pink zones at uphole end of unit, dispersed pyrite increases down hole.																
50.30	52.50	2.20					50.30	52.50	Py	Dism	Wk											
52.50	53.60	1.10		QV	BLK	Black margins on contorted quartz albite veins < 2cm, pyrite is on margins of quartz veins. Uphole end of unit is ground to 90 d surface so contact is not observed.																
52.50	53.60	1.10										52.50	53.60	Py		1						
53.60	54.30	0.70		Vas	G-B	Green tan includes segment 10cm of quartz vein with pyrite @ down hole end in area of black associated alteration.																
53.60	54.30	0.70										53.60	54.30	Py		3						
54.30	55.70	1.40		Va	GRN	Bright green unit looks like dyke rock as fine grained.																
55.70	60.70	5.00		LT	MAR	Top of unit grades into above unit with increasing number of coarse clasts < 4cm; albite veining develops as brittle shatter pattern in larger clasts, develops chalky appearance & broken core near 60 m possible shear, no calcite.																
60.00	60.00	0.00																60.00	60.00	Sh		broken core chalky appearance

Lithology						Alteration				Mineralization				Structure										
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments			
60.70	61.00	0.30	Va		G-B	Tan with dispersed pyrite, no calcite.																		
61.00	61.70	0.70	QV		WHT	Albite zoned vein, albite is only 40-50% of unit, quartz is 10%, gangue & pyrite 20%, sphalerite 2%, form bands in albite @ 45 d to core, no calcite.																		
61.00	61.70	0.70										61.00	61.70	Sph	2									
61.00	61.70	0.70										61.00	61.70	Py	5									
61.00	61.70	0.70															61.00	61.70	Bn	45		zoned		
61.70	62.10	0.40	Va		GRY	Grey margin alteration has thinner albite veins <5mm, various angles have medial pyrite & occurs as blebs.																		
61.70	62.10	0.40										61.70	62.10	Py										
62.10	63.60	1.50	Va		G-B	Green & pink tan has dispersed pyrite 5% & sphalerite 2%.																		
62.10	63.60	1.50										62.10	63.60	Py	5									
62.10	63.60	1.50										62.10	63.60	Sph	2									
63.60	63.90	0.30	QV		GRY	Quartz is 20%, albite is 20%, pyrite 10% forms a zoned band @ 25 d to core.																		
63.60	63.90	0.30										63.60	63.90	Sph	3									
63.60	63.90	0.30										63.60	63.90	Py	10									
63.60	63.90	0.30															63.60	63.90	Vn	25		has quartz in vein unlike most albite veins seen here		
63.90	65.30	1.40	QV		WHT	Quartz 50% albite 20%, pyrite 10% sphalerite 3%, the boundaries between white albite & translucent quartz show euhedral quartz.																		
63.90	65.30	1.40										63.90	65.30	Py	10									
63.90	65.30	1.40										63.90	65.30	Sph	3									
65.30	65.60	0.30	Va		GRY	Grey vein margin zone has thin 3mm albite quartz veins.																		
65.60	66.10	0.50	Va		G-B	Dispersed pyrite 3% in tan alteration zone.																		
65.60	66.10	0.50										65.60	66.10	Py	3									
66.10	66.40	0.30	QV		WHT	Albite vein has pyrite on grey margin zone contact.																		
66.40	66.90	0.50	Va		GRY	Grey vein margin zone has thin albite veins 3mm.																		
66.90	68.40	1.50	Va		G-B	Green tan alteration zone has dispersed pyrite.																		
68.40	70.60	2.20	LT		MAR	Abundant clasts to 3cm, unit has white phenocrysts present in both clasts & matrix, also a weak bedding, flow banding, @ 45 d to core.																		
68.40	70.60	2.20															68.40	70.60	Bn	45				
70.60	71.30	0.70	Va		RED	Pink unit has dispersed pyrite associated with light green filling between angular clasts.																		

Lithology							Alteration				Mineralization				Structure							
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
70.60	71.30	0.70					70.60	71.30	Py	Dism	Wk											
71.30	75.70	4.40	LT		MAR	Some weak flow banding @ 30 d to core, calcite starting to occur in this hole.																
71.30	75.70	4.40																71.30	75.70	Bn	30	
75.70	77.80	2.10	AB		MAR	The transition in texture is evident as small <5mm white angular segregations develop, seperate & round off. It is possible to categorize this unit as a LT as clasts of 1-2cm are throughout. Very limited veining in bottom of this hole as calcite starts to occur.																
75.70	77.80	2.10					75.70	77.80	Cb	Amy	Wk											
75.70	77.80	2.10					75.70	77.80	Cb	Amy	Mod											
77.80	82.20	4.40	LT		MAR	Rounded to angular clasts to 3cm.																
82.20	82.50	0.30	CV		WHT	Translucent calcite euhedra near vein margins are in contact with the more abundant ankerite/dolomite medial filling.																
82.50	84.40	1.90	LT		MAR	clasts to 2cm.																

## *Down Hole Surveys*

Hole No. **DM-10-061**

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<b>BHID</b>	<b>AT</b>	<b>BRG</b>	<b>DIP</b>	<b>TYPE</b>
DM-10-061				
	0.00	359.10	-59.90	C
	14.30	359.10	-59.90	R
	41.80	358.80	-60.00	R
	84.40	358.00	-60.60	R

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# Metal Mountain Resources

## Assays Per Hole

Grid-X:

Grid-Y:

Grid-Z:

Hole Number: DM-10-061

HOLE ID DM-10-061

FROM	TO	Length	SAMPLE	Au	Ag	Cu	ZN	PB	Wt	ROCKTYPE	Py%	CP%	SL%	GL%	VG	Intersect	LAB	CERT#	ExpVal	ISD-Au	Zscore	BAD	%DIFF
15.90	16.30	0.40	A061661	2.730	9.30				0.90	Va	10		5				ASSCAN	OS0068RA					
27.40	27.70	0.30	A061662	0.270	2.00				0.60	QV	5		2				ASSCAN	OS0068RA					
28.30	28.60	0.30	A061663	3.370	8.70				0.60	QV	5						ASSCAN	OS0068RA					
28.30	28.60	0.30	A061664	12.070	3.10					GS-11A							ASSCAN	OS0068RA	11.210	0.435	1.98	7.67	
49.70	50.00	0.30	A061665	0.015	0.05				0.50	Va	1						ASSCAN	OS0068RA					
50.00	50.30	0.30	A061666	19.200	41.50		6.72		0.60	QV	10					HW	ASSCAN	OS0068RA					
50.90	52.50	1.60	A061667	0.015	1.70				2.70	Va	1						ASSCAN	OS0068RA					
52.50	52.90	0.40	A061668	2.130	15.50		3.04		1.00	QV	10					HW	ASSCAN	OS0068RA					
52.90	53.60	0.70	A061669	2.100	14.90		3.56		0.80	QV	5					HW	ASSCAN	OS0068RA					
53.60	54.30	0.70	A061670	6.370	22.90		2.29		1.60	QV	5					HW	ASSCAN	OS0068RA					
54.30	55.70	1.40	A061671	0.015	0.60				3.40	Va	1						ASSCAN	OS0068RA					
55.70	57.00	1.30	A061672	0.015	0.30				2.10	LT	1						ASSCAN	OS0068RA					
57.00	58.00	1.00	A061673	0.015	0.70				0.50	BLANK							ASSCAN	OS0068RA	0.015	0.050	0.00	0.00	
57.00	58.00	1.00	A061674	0.015	0.10				2.40	LT	1						ASSCAN	OS0068RA					
58.00	59.00	1.00	A061675	0.030	0.50				1.40	LT							ASSCAN	OS0068RA					
59.00	60.00	1.00	A061676	0.030	0.30				0.60	LT							ASSCAN	OS0068RA					
60.00	60.70	0.70	A061677	0.030	1.40				1.20	LT	1						ASSCAN	OS0068RA					
60.70	61.00	0.30	A061678	0.070	4.90				0.50	Va	1						ASSCAN	OS0068RA					
61.00	61.70	0.70	A061679	17.870	181.80		9.51		1.20	QV	10		10			HW	ASSCAN	OS0068RA					
61.70	62.10	0.40	A061680	0.270	1.90				1.00	Va							ASSCAN	OS0068RA					
62.10	63.00	0.90	A061681	0.130	0.90				1.50	Va	5						ASSCAN	OS0068RA					
63.00	63.60	0.60	A061682	0.200	2.00				1.50	Va	3						ASSCAN	OS0068RA					
63.60	63.90	0.30	A061683	5.504	50.40		5.51		0.60	QV	10		5			BFW	SGS	OS0068RA					
63.90	64.70	0.80	A061684	5.654	15.70		1.40		1.60	QV	10		10			BFW	SGS	OS0068RA					
64.70	65.30	0.60	A061685	7.870	2.60					GS-8A							ASSCAN	OS0068RA	8.250	0.300	-1.27	-4.61	
64.70	65.30	0.60	A061686	57.852	149.80		3.62	2.12	1.50	QV	10		10			BFW	SGS	OS0068RA					
65.30	65.60	0.30	A061687	1.570	15.60		0.84		0.50	Va	3						ASSCAN	OS0068RA					
65.60	66.10	0.50	A061688	0.270	1.40				0.70	Va	3						ASSCAN	OS0068RA					
66.10	66.40	0.30	A061689	1.700	3.50				0.50	QV	2					FW	ASSCAN	OS0068RA					
66.40	66.90	0.50	A061690	0.070	2.30				0.50	Va	2						ASSCAN	OS0068RA					
66.90	68.00	1.10	A061691	0.070	0.30				2.10	Va							ASSCAN	OS0068RA					
82.10	82.40	0.30	A067757	0.015	5.00				1.00	LT							ASSCAN	OS0116RA					
82.10	82.40	0.30	A067758	0.015	3.70				1.00	BLANK							ASSCAN	OS0116RA	0.015	0.050	0.00	0.00	
82.40	83.50	1.10	A067759	0.015	4.10				2.00	LT							ASSCAN	OS0116RA					

Count: 34



*Drill Hole Log*

Hole Number: DM-10-062

**Grid-X:** 653,675.99      **Brg:** 2.60      **Ovb:** 14.40      **Surveyor:** McElhanney      **Drill:** Driftwood Diamond Drilling  
**Grid-Y:** 6,068,889.41      **Dip:** -44.70      **Casing:** 14.40      **Survey Date:** 07-Sep-10      **Drill Dates:** 19-Aug-10 to 20-Aug-10  
**Grid-Z:** 1,258.93      **Depth:** 84.40      **Recover Casing:** yes      **Core Size:** NQ      **Geologist:** Bryan Muloin  
**NTS:** 93L 077      **Claim:** 0      **Area:** DOME MOUNTAIN      **Log Dates:** 21-Aug-10 to 21-Aug-10  
**Target:** Boulder FW Vein      **Comments:** Drill Pad I; followup from Feb 2010 program; shortened from planned 100m.

Lithology							Alteration				Mineralization				Structure							
From	To	Len	RKTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
0.00	14.40	14.40	OB																			
14.40	15.00	0.60		FP	GRY	has small rounded breccia clasts <2cm																
14.40	35.00	20.60	FP		GRY	This unit is intersected by repetitive alteration zones over-printing with silica bleaching & veining, bringing in small amounts of pyrite. The background FP unit has small <2mm white phenocrysts in a grey fine-grained matrix. The matrix is greenish altered with proximity to veins & bleaching, minor calcite. Gradational downhole contact.																
17.90	18.10	0.20		Va	BLE	Bleached zone with silica globs <2cm, has black lacy margin & medial zone, up hole margin is green aphanitic halo 3cm wide, @ 50 d to core																
19.60	20.20	0.60		QV	WHT	Series of 4 parallel quartz albite veins in a progression 7, 9, 20, 50mm with last having compliments, @ 55 d & 35 d to core, albite is present as radiating interstitial between quartz subhedra, seems to have pyrite associated in halo down hole dispersed <1% to 20.5 m																
20.90	21.00	0.10		LT	GRN	Short zone banding of silica enriched elongated rounded clasts <1cm @ 50 d to core																
21.50	21.80	0.30		QV	WHT	Bands & blebs of pyrite 30% in a quartz albite vein @ 40 d to core																
21.80	22.70	0.90		Va	BLE	Silica bleaching to tan has dispersed fine pyrite																
23.50	23.70	0.20		Va	BLE	silica bleaching to tan, dispersed pyrite																
26.90	28.00	1.10		Va	BLE	Silica bleaching to green tan, thin pyrite veins < 2mm ends in quartz albite pyrite vein @ 20 d to core																

Lithology							Alteration				Mineralization				Structure							
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
32.30	32.70	0.40		Va	MAR	Progression of increasing size pink to maroon alteration structures at 32.3, 32.5, 32.6 @ 45 d to core, have small albite vein compliments @ 45 d to core																
33.50	34.10	0.60		QV	WHT	series of 15 albite quartz veins < 1cm @ 40 d to 70 d to core																
34.10	34.90	0.80		Vas	RED	series of 4 pink to maroon alteration halos similer to above are in complimetry pattern to veins @ 30 d to core, strongly silicified.																
35.00	36.90	1.90		LT	MAR	Maroon clasts 2cm elongated @ 40 d to core give BTm appearance to unit, calcite present.																
36.90	40.00	3.10		LT	GRN	Clasts to 2cm in unit that has some banding @ 40 d to core, very occasional small amygdules <2mm.																
40.00	43.00	3.00		FT	MAR	Shattered earthy zone.																
43.00	53.70	10.70		LT	MAR	Clasts to 2 cm, some green alteration zones & FP, some calcite.																
46.00	46.50	0.50		FP	MAR	Small white phenocrysts <2mm																
48.20	48.30	0.10		Va	GRN	Alteration halo on quartz vein 7mm @ 50 d to core																
49.40	49.90	0.50		FP	MAR	Small white phenocrysts <2mm																
53.70	56.30	2.60		AB	MAR	Aphanitic maroon basalt, has green alteration zones in it.																
56.30	84.40	28.10		FP	MAR	Maroon to dark purple, white phenocrysts < 2mm, no calcite.																
65.90	67.90	2.00		Va	GRN	short green altered patches at 65.9 - 66, 66.1 - 66.2, 67.8 - 67.9,																
70.10	70.60	0.50		Va	GRN	short green altered patch																
71.00	71.40	0.40		Va	GRN	Three small green altered patches																
78.60	78.80	0.20		QV	WHT	Quartz with albite margins vein 3cm @ 35 d to core has short green halo down hole from it, no pyrite																



## *Down Hole Surveys*

Hole No. **DM-10-062**

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<b>BHID</b>	<b>AT</b>	<b>BRG</b>	<b>DIP</b>	<b>TYPE</b>
DM-10-062				
	0.00	2.60	-44.70	C
	17.40	2.60	-44.70	R
	84.40	2.60	-45.90	R

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# Metal Mountain Resources

## Assays Per Hole

Grid-X:

Grid-Y:

Grid-Z:

Hole Number: DM-10-062

HOLE ID DM-10-062

FROM	TO	Length	SAMPLE	Au	Ag	Cu	ZN	PB	Wt	ROCKTYPE	Py%	CP%	SL%	GL%	VG	Intersect	LAB	CERT#	ExpVal	ISD-Au	Zscore	BAD	%DIFF
21.00	21.50	0.50	A067745	0.015	0.80				1.50	FP							ASSCAN	0S0116RA					
21.50	21.80	0.30	A061692	50.270	74.50				0.50	QV	20					HW	ASSCAN	0S0075RA					
21.50	21.80	0.30	A061693	3.830	1.90				0.50	BLANK							ASSCAN	0S0075RA	0.015	0.050	76.30	*	#####
21.80	22.80	1.00	A067746	0.030	3.50				2.00	FP							ASSCAN	0S0116RA					
21.80	22.80	1.00	A067747	8.100	5.90				0.10	GS-8A							ASSCAN	0S0116RA	8.250	0.300	-0.50		-1.82
26.90	27.70	0.80	A067748	0.070	4.30				1.00	FP							ASSCAN	0S0116RA					
27.70	28.00	0.30	A061694	0.700	6.20				0.60	QV	20					HW	ASSCAN	0S0075RA					
28.00	28.50	0.50	A067749	0.070	2.30				1.00	FP							ASSCAN	0S0116RA					
34.00	34.90	0.90	A067750	0.015	3.30				2.00	FP							ASSCAN	0S0116RA					
42.00	43.00	1.00	A067751	0.015	2.70				1.50	FT							ASSCAN	0S0116RA					
54.80	55.30	0.50	A067752	0.015	4.80				1.00								ASSCAN	0S0116RA					
55.30	56.30	1.00	A067753	0.015	5.50				1.00								ASSCAN	0S0116RA					
70.10	70.90	0.80	A067754	0.015	3.00				1.50	FP							ASSCAN	0S0116RA					
70.90	71.50	0.60	A067755	0.015	3.80				1.00	FP							ASSCAN	0S0116RA					
78.60	78.90	0.30	A067756	0.030	2.20				0.60	FP							ASSCAN	0S0116RA					

Count: 15



Drill Hole Log

Hole Number: DM-10-063

**Grid-X:** 653,680.54      **Brg:** 357.50      **Ovb:** 22.90      **Surveyor:** BV Engineering Services      **Drill:** Driftwood Diamond Drilling  
**Grid-Y:** 6,068,838.69      **Dip:** -47.90      **Casing:** 22.90      **Survey Date:** 23-Jun-10      **Drill Dates:** 20-Aug-10 to 22-Aug-10  
**Grid-Z:** 1,253.24      **Depth:** 163.70      **Recover Casing:** yes      **Core Size:** NQ      **Geologist:** Bryan Muloin  
**NTS:** 93L 077      **Claim:** 0      **Area:** DOME MOUNTAIN      **Log Dates:** 22-Aug-10 to 23-Aug-10

**Target:** Boulder FW Vein between DDH DM10-050 & DM-10-052

**Comments:** Drill Pad C in middle of sed pond. Infill from Feb 2010 program. Survey indicates 3 degrees flatter than planned -51 degrees.

Lithology							Alteration				Mineralization				Structure							
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
0.00	22.90	22.90																				
22.90	31.00	8.10			GRY	Grey fine grained argillite, no calcite.																
27.10	27.20	0.10		FP	GRY	Presents as small intrusive/alteration zone																
31.00	49.50	18.50			G-G	Up hole contact is parallel to core along an albite vein 12mm. The white phenocrysts in this unit are small, 1-2mm. A series of veins, alteration, intrusive zones in the FP modify it, the parallel to core albite vein from 31m to 35.5m & further is possibly the strongest modifier, no calcite.																
31.00	31.50	0.50															31.00	31.50	Cn	0		contact between V/S & FP is a zoned albite quartz vein 12mm that is parallel to core
38.40	40.70	2.30		QV	WHT	Series of 14 parallel albite veins <5mm @ 30 d to core have faint alteration halos on 12 of them.																
38.40	40.70	2.30															38.40	40.70	Vn	30		
44.40	49.00	4.60		QV	WHT	Series of 6 bleached alteration zones & albite veins <3cm @ 40 d to core, the silica flooded & bleached alteration is starting to develop the black lace alteration.																
44.40	49.00	4.60															44.40	49.00	Vn	40		
49.50	50.00	0.50		QV	BLE	Similar to sub zones at bottom of previous unit, silica flooding develops black lace like appearance, no calcite.																
50.00	50.40	0.40		FP	GRN	Short section is green altered but has few white phenocrysts.																
50.40	52.20	1.80		Va	BLE	Bleached with pink & green tints this alteration centers on 51.4 a broken & clayey alteration channel																

Lithology							Alteration				Mineralization				Structure						
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	StyleDeg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
50.40	57.40	7.00	<b>Va</b>		BLE	Continuing the style above; this segment is dominated by bleached & altered zones over printed on a very restricted FP, no calcite.															
53.20	53.60	0.40		Va	BLE	Parallel quartz albite veining 2cm @ 50 d to core segment this bleached silica altered zone, black lacey alteration is 50%															
53.20	53.60	0.40										53.20	53.60	Vn		50					
54.60	56.20	1.60		Va	BLE	Series of quartz albite veins < 5mm @ 70 d to core progress into bleached zone that black lacy alteration															
54.60	56.20	1.60										54.60	56.20	Vn		70					
56.70	57.30	0.60		Va	BLE	Bleached zone no black lace alteration															
57.40	60.10	2.70		FP	MAR	Fine grained unit has wide spaced small phenocrysts.															
57.40	72.30	14.90	<b>BTm</b>		MAR	Banding @ 60 d to core. Unit includes zones with phenocrysts, small to intermediate clasts, <5cm, probably most characteristic of this zone is the calcite occurring in albite veins.															
57.40	72.30	14.90										57.40	72.30	Bn		60					
60.10	60.40	0.30		Va	GRN	Short green altered has white phenocrysts.															
60.40	61.00	0.60		FP	MAR	Small white phenocrysts.															
61.00	63.50	2.50		LT	MAR	Clasts to 5cm.															
63.50	66.90	3.40		BTm	MAR	Weak banding @ 50 d to core.															
63.50	66.90	3.40										63.50	66.90	Bn		50					
66.90	67.30	0.40		Va	GRN	Light green alteration.															
71.50	72.30	0.80		FP	MAR	Small 1mm white phenocrysts.															
72.30	72.80	0.50	<b>Va</b>		RED	Pink altered, some silica veining & large pink orthogonal phenocrysts <7mm, orthoclase? No calcite.															
72.80	78.30	5.50	<b>FP</b>		MAR	White phenocrysts 1mm with larger <5mm white feldspar phenocrysts that have green partitions in them.															
76.00	76.20	0.20		Va	G-B	Alteration halo on quartz albite vein 1cm @ 50 d to core															
76.00	76.20	0.20										76.00	76.20	Vn		50					
77.40	77.70	0.30		Va	BLE	Light maroon, pink, altered FP															
78.30	89.00	10.70	<b>LT</b>		MAR	Small <2cm rounded elongated clasts have banded texture @ 50 d to core, start of calcite in quartz calcite veins.															
82.30	83.40	1.10										82.30	83.40	Vn		50					series of parallel quartz calcite veins at right angle to banding

Lithology							Alteration				Mineralization				Structure							
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
89.00	93.20	4.20	<b>Dkin</b>		GRN	Dyke like unit, has abrupt contacts @ 45 d & 90 d to core, up hole end of dyke is alteration halo to 89.2m. Has fine grained texture seen in other dyke like occurrences, no calcite.																
89.00	93.20	4.20																89.00	93.20	Cn		90
89.00	93.20	4.20																89.00	93.20	Cn		45
93.20	120.20	27.00	<b>LT</b>		MAR	Rounded clasts < 4cm, weak presence of calcite in few veins.																
97.90	98.80	0.90		QV	WHT	Series of complementary quartz albite veins <4mm @ 15 d & 30 d to core																
97.90	98.80	0.90																97.90	98.80	Vn		15
97.90	98.80	0.90																97.90	98.80	Vn		30
99.90	100.00	0.10		QV	WHT	Quartz albite vein 15mm @ 25 d to core																
99.90	100.00	0.10																99.90	100.00	Vn		25
103.30	103.30	0.00		Va	MAR	Bleached light maroon band 4cm @ 35 d to core has parallel quartz albite veins 5mm @ 30 d to core which narrow to < 1mm outside of alteration zone indicating plastic flow nature near cooling																
103.30	103.30	0.00																103.30	103.30	Bn		35
103.30	103.30	0.00																103.30	103.30	Vn		30
111.50	111.70	0.20		FP	MAR	Dyke like band of FP @ 60 d & 80 d to core																
111.50	111.70	0.20																111.50	111.70	Bn		80
111.50	111.70	0.20																111.50	111.70	Bn		60
112.90	113.40	0.50		FP	MAR	Dyke like band of FP @ 45 d & 60 d to core																
112.90	113.40	0.50																112.90	113.40	Bn		45
112.90	113.40	0.50																112.90	113.40	Bn		60
120.20	120.50	0.30	<b>Va</b>		RED	Bleached alteration zone identified by presence of pyrite & quartz veinlets, calcite present.																
120.50	123.40	2.90	<b>FP</b>		MAR	Dark maroon to purple has small white phenocrysts 1mm, weak calcite.																
123.40	125.10	1.70	<b>Va</b>		G-B	Bleached has silica veinlets, pyrite dispersed 1% after 124.1m, no calcite.																
123.40	125.10	1.70										123.40	125.10	Py		1						
125.10	125.30	0.20	<b>QV</b>		WHT	18cm albite quartz pyrite 10% vein @ 70 d to core, uphole contact is 2cm quartz & tan albite zone with cubes 1mm of pyrite sparsely dispersed, vein increases in black with pyrite downhole.																
125.10	125.30	0.20										125.10	125.30	Py		10						
125.10	125.30	0.20																125.10	125.30	Vn		70
125.30	125.50	0.20	<b>Va</b>		GRY	Grey altered zone dispersed pyrite.																

Lithology						Alteration				Mineralization				Structure								
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
125.50	126.00	0.50	FT		GRY	Grey gouge zone, possible zone of lost core <25cm? Feeder channel for quartz vein?																
126.00	126.80	0.80	Va		GRY	Continuation of grey alteration zone from above FT.																
126.80	128.00	1.20	Va		G-B	Light green alteration zone with dispersed pyrite & in quartz albite veins, no calcite.																
128.00	142.30	14.30	FP		G-G	Light green to characteristic purple, fine white phenocrysts 1-2mm, with pyrite in thin veins @ 65 d to core from 135.8m on no calcite.																
128.00	142.30	14.30															128.00	142.30	Vn	65		
142.30	142.70	0.40		BTm	MAR	Large clasts <6cm disrupt banding @ 60 d to core in this boundry unit																
142.30	153.80	11.50	BTm		MAR	Banding through unit.																
142.30	142.70	0.40															142.30	142.70	Bn	60		
143.40	143.80	0.40		BTm	MAR	Clasts in this banded @ 80 d to core																
143.40	143.80	0.40															143.40	143.80	Bn	80		
151.20	151.50	0.30		BTm	MAR	Banding @ 45 d to core with elongated clasts 2cm by ? Core width?																
151.20	151.50	0.30															151.20	151.50	Bn	45		
153.80	155.40	1.60	Va		G-B	Light green clay/gouge zone includes narrow quartz pyrite vein <7cm at 154.7 m, no calcite.																
155.40	158.30	2.90	FP		G-M	Maroon to dark purple with small white phenocrysts 1-2mm. Series of complimentary albite veins one of which has some pyrite in it at 157.6m, no calcite																
156.80	157.70	0.90															156.80	157.70	Vn	60		
156.80	157.70	0.90															156.80	157.70	Vn	25	complimentary albite veins <3mm	
158.30	159.50	1.20	BTm		G-M	This unit has a band of green at parallel to core; both green & maroon bands are fine grained, no calcite.																
159.50	163.70	4.20	FP		G-M	Mostly maroon has 2 small green alteration patchy zones & various sized clasts with most of unit showing small 1-2mm phenocrysts.																

## *Down Hole Surveys*

Hole No. **DM-10-063**

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<b>BHID</b>	<b>AT</b>	<b>BRG</b>	<b>DIP</b>	<b>TYPE</b>
DM-10-063				
	0.00	357.50	-47.90	C
	26.50	357.50	-47.90	R
	72.20	0.20	-47.70	R

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# Metal Mountain Resources

## Assays Per Hole

Grid-X:

Grid-Y:

Grid-Z:

Hole Number: DM-10-063

HOLE ID DM-10-063

FROM	TO	Length	SAMPLE	Au	Ag	Cu	ZN	PB	Wt	ROCKTYPE	Py%	CP%	SL%	GL%	VG	Intersect	LAB	CERT#	ExpVal	ISD-Au	Zscore	BAD	%DIFF
120.20	120.50	0.30	A061695	0.015	0.90				0.70	Va							ASSCAN	0S0075RA					
124.10	125.10	1.00	A061696	0.015	0.05				2.40	Va							ASSCAN	0S0075RA					
125.10	125.30	0.20	A061697	6.028	38.70		1.72		0.50	QV						BFW	SGS	0S0075RA					
125.30	126.00	0.70	A061698	0.270	3.90				0.70	Va							ASSCAN	0S0075RA					
126.00	126.80	0.80	A061699	0.130	1.00				1.50	Va							ASSCAN	0S0075RA					
126.80	128.00	1.20	A061700	0.130	1.80				3.00	Va							ASSCAN	0S0075RA					
135.80	137.00	1.20	A061701	0.015	3.50				3.00	FP							ASSCAN	0S0075RA					
137.00	138.00	1.00	A061702	0.015	3.50				2.20	FP							ASSCAN	0S0075RA					
138.00	139.00	1.00	A061703	0.015	1.10				2.30	FP							ASSCAN	0S0075RA					
139.00	140.00	1.00	A061704	0.015	0.60				2.20	FP							ASSCAN	0S0075RA					
140.00	141.00	1.00	A061705	0.015	3.30				2.40	FP							ASSCAN	0S0075RA					
140.00	141.00	1.00	A061706	10.300	2.30					GS-11A							ASSCAN	0S0075RA	11.210	0.435	-2.09		-8.12
141.00	142.30	1.30	A061707	0.015	0.50				3.20								ASSCAN	0S0075RA					
154.50	154.90	0.40	A061708	5.330	15.10				0.80							FW	ASSCAN	0S0075RA					

Count:

14





*Drill Hole Log*

Hole Number: DM-10-064

**Grid-X:** 653,721.23      **Brg:** 357.40      **Ovb:** 12.20      **Surveyor:** McElhanney      **Drill:** Driftwood Diamond Drilling  
**Grid-Y:** 6,068,880.31      **Dip:** -62.90      **Casing:** 12.20      **Survey Date:** 07-Sep-10      **Drill Dates:** 22-Aug-10      **to**      23-Aug-10  
**Grid-Z:** 1,247.15      **Depth:** 139.30      **Recover Casing:** yes      **Core Size:** NQ      **Geologist:** Bryan Muloin  
**NTS:** 93L 077      **Claim:** 0      **Area:** DOME MOUNTAIN      **Log Dates:** 24-Aug-10      **to**      24-Aug-10  
**Target:** Boulder FW Vein      **Comments:** Pad J, steeper hole. Followup from Feb 2010 program

Lithology							Alteration				Mineralization				Structure							
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
0.00	12.20	12.20	<b>OB</b>																			
12.20	15.00	2.80		AR	BLK	Graphite on fracture surfaces of grey fine grained unit with calcite veinlets																
12.20	19.10	6.90	<b>V/S</b>		GRY	Fine grained grey unit.																
15.00	19.10	4.10		V/S	GRY	Grey mottled with green, the few veinlets here are quartz albite & lack calcite, few small <2mm white amygdules are here with the green phases																
19.10	39.70	20.60	<b>FP</b>		GRN	Highly variable, altered unit, progresses from green grey to lighter tans as level of silica alteration increases. Small white phenocrysts are intermittent through unit occurring in grey & green phases. There is also an increase with depth in the intensity of white phenocrysts in the green FP.																
20.40	20.50	0.10		Dkac	GRN	Short fine grained vitreous green dyke like intersection																
21.80	23.20	1.40		Dkin	GRN	Abrupt contacts @ 75 d & 65 d to core with medial zone at 22.7 @ 70 d to core, identify this as a dyke, a few small amygdules <4mm, no calcite																
21.80	23.20	1.40															21.80	23.20	UC	75		
21.80	23.20	1.40															21.80	23.20	LC	65		
23.20	24.00	0.80		QV	GRY	White albite quartz segment of vein 10 cm is top of silica flooded segment progressing as black partitioned zone seen in other holes as gneissic like texture to 23.7 thence with green remnants transitions to																
24.00	24.20	0.20		FP	GRN	Small white phenocrysts in green remnant, xenolith or horse																

Lithology						Alteration				Mineralization				Structure								
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
24.20	25.60	1.40		QV	GRY	Grey quartz zone similar to black partitioned zone above has lower boundary with albite as symmetrical to 23.2m but @ 35 d to core																
28.00	29.20	1.20		Dkin	GRN	Abrupt contacts @ 65 d & 50 d to core, margins are 1cm albite veins, median is at 28.3 - 28.4 a bleached tan zone																
28.00	29.20	1.20																28.00	29.20	Cn	65	
28.00	29.20	1.20																28.00	29.20	Cn	50	
29.70	29.90	0.20		QV	RED	Pink silica flooded Va like intersection																
30.50	31.20	0.70		QV	RED	Pink silica flooded Va like intersection, at 30.8 albite veins present in small green zenolith as flooding changes to black partings zone to 30.9 then bleached tan Va																
31.30	34.20	2.90		QV	BLE	Continues as alternating silica flooding with remnants of green FP between																
35.60	36.30	0.70		QV	RED	Mauve zone has quartz albite veins < 1cm, centers on black flooded quartz median																
36.80	37.00	0.20		QV	BLE	Tan silica flooded zone, 90% with light pink feldspar interstitial to the vitreous quartz																
38.00	38.60	0.60		QV	BLE	Similar to above alteration, but silica only 80% with interstitial feldspar, has internal quartz albite veins 1 cm @ 20 d to core																
38.00	38.60	0.60																38.00	38.60	Vn	20	
39.70	48.20	8.50		QV	BLE	Silica flooded zone has black partings to gneissic appearance to 44 m, one short segment 42.6-42.8m with 2 thin < 2mm pyrite veins.																
48.20	50.90	2.70		Va	GRN	Green alteration zone, felsic has small pink zones & large alteration structure.																
50.20	50.80	0.60		Va	RED	Maroon halos both top & bottom enclose pink median																
50.90	51.70	0.80		LT	MAR	Clasts < 2cm are maroon in matrix that includes green.																
51.70	52.80	1.10		Va	GRN	Green alteration seen as dyke above.																
52.80	57.70	4.90		Va	G-M	Feldspar alteration zone, from dark maroon, pink, to vitreous green has quartz albite veins < 1 cm, pyrite is very limited, still no calcite.																
57.70	59.50	1.80		Va	GRN	Upper green alteration is halo to vein structure below, color changes from dark green to light green as vein is approached.																
59.50	60.00	0.50		QV	GRY	Some pyrite in a dirty grey vein with albite veins & limited pyrite < 10%.																
59.50	60.00	0.50										59.50	60.00	Py	8							
60.00	61.20	1.20		Va	RED	Pink alteration zone has dispersed pyrite.																

Lithology							Alteration				Mineralization				Structure							
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
61.20	68.60	7.40	LT		MAR	Clasts less than 4cm.																
64.50	64.60	0.10		LT	MAR	Zoned thin vein 1mm @ 15 d to core has pyrite margins quartz median																
64.50	64.60	0.10										64.50	64.60	Vn								
65.70	66.00	0.30		FP	GRN	Chlorite phenocrysts in silica flooded zone has dispersed pyrite <1%																
68.60	70.40	1.80		Va	G-B	Green & pink tinted alteration, has dispersed pyrite.																
70.40	72.00	1.60		LT	MAR	Clasts < 4cm.																
72.00	75.30	3.30		Va	GRN	Light green alteration.																
72.80	73.30	0.50			Va	RED	Light pink alteration															
73.70	74.20	0.50			Va	MAR																
74.90	75.20	0.30			QV	WHT	Zone has quartz albite pyrite 5% vein 2cm @ 30 d to core, dispersed pyrite halo 2% above vein															
74.90	75.20	0.30										74.90	75.20	Py	5							
74.90	75.20	0.30										74.90	75.20	Vn								
75.30	93.30	18.00		FP	MAR	Maroon to dark purple, small white phenocrysts, vesicles.																
75.80	76.20	0.40			FP	GRN	Green alteration is halo on several small veins with pyrite in them															
78.50	78.70	0.20			Dkin	GRN	Short dark green dyke like @ 55 d to core															
78.50	78.70	0.20										78.50	78.70	Cn								
81.00	87.00	6.00			FP	MAR	Zone has vesicules or small vugs 10%															
85.50	85.80	0.30			Dkin	GRN	Similar to above dyke															
93.30	139.30	46.00		BTm	MAR	This unit as seems usual banding is present at the top becoming massive inside unit, occasional green altered zones.																
94.10	94.10	0.00			BTm	MAR	Banding at 50 d to core															
94.10	94.10	0.00										94.10	94.10	Bn								
101.40	102.10	0.70			BTm	MAR	Series of parallel quartz veins <5mm @ 30 d to core															
101.40	102.10	0.70										101.40	102.10	Vn								
106.70	108.00	1.30			FP	GRN	Green porphyry small white phenocrysts have diffuse edges															
109.60	111.90	2.30			FP	GRN	Green porphyry															
113.20	115.80	2.60			FP	GRN	Green alteration zone not porphyry, has gougy broken zones in it, only segment in hole with noticeable calcite															
130.80	131.20	0.40			Va	RED	Pink alteration halo on albite chlorite quartz vein <2cm @ 10 d to core															
130.80	131.20	0.40										130.80	131.20	Vn								

## *Down Hole Surveys*

Hole No. **DM-10-064**

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<b>BHID</b>	<b>AT</b>	<b>BRG</b>	<b>DIP</b>	<b>TYPE</b>
DM-10-064				
	0.00	357.40	-62.90	C
	26.50	357.40	-62.90	R
	72.20	356.80	-63.30	R
	133.20	356.80	-63.90	R

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# Metal Mountain Resources

## Assays Per Hole

Grid-X:

Grid-Y:

Grid-Z:

Hole Number: DM-10-064

HOLE ID *DM-10-064*

FROM	TO	Length	SAMPLE	Au	Ag	Cu	ZN	PB	Wt	ROCKTYPE	Py%	CP%	SL%	GL%	VG	Intersect	LAB	CERT#	ExpVal	ISD-Au	Zscore	BAD	%DIFF
42.60	42.80	0.20	A061709	0.015	0.30				0.50	Va							ASSCAN	0S0075RA					
59.50	60.00	0.50	A061710	65.400	95.10		1.60	1.40	0.50	QV						BFW	ASSCAN	0S0075RA					
60.00	61.00	1.00	A061711	0.070	0.05				2.00	Va							ASSCAN	0S0075RA					
69.00	70.00	1.00	A061712	0.270	0.20				2.30	Va							ASSCAN	0S0075RA					
74.90	75.20	0.30	A061713	0.070	0.05				0.70	QV							ASSCAN	0S0075RA					
75.80	76.20	0.40	A061714	0.015	0.05				1.80	FP							ASSCAN	0S0075RA					
75.80	76.20	0.40	A061715	0.015	0.05				0.60	BLANK							ASSCAN	0S0075RA	0.015	0.050	0.00		0.00

Count: 7



Drill Hole Log

Hole Number: DM-10-065

**Grid-X:** 653,721.03      **Brg:** 1.50      **Ovb:** 14.30      **Surveyor:** McElhanney      **Drill:** Driftwood Diamond Drilling  
**Grid-Y:** 6,068,881.37      **Dip:** -41.70      **Casing:** 14.30      **Survey Date:** 07-Sep-10      **Drill Dates:** 23-Aug-10 to 24-Aug-10  
**Grid-Z:** 1,247.04      **Depth:** 108.80      **Recover Casing:** yes      **Core Size:** NQ      **Geologist:** Bryan Muloin  
**NTS:** 93L 077      **Claim:** 0      **Area:** DOME MOUNTAIN      **Log Dates:** 25-Aug-10 to 25-Aug-10  
**Target:** Boulder FW Vein      **Comments:** Pad J - flatter hole; followup from Feb 2010 program. Survey indicates hole is 3 degrees flatter than planned -45 degrees. Shortened from planned 120m.

Lithology							Alteration				Mineralization				Structure							
From	To	Len	RKTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
0.00	14.30	14.30																				
14.30	17.60	3.30		AR	BLK	Graphite schist zone, graphite on fractures / cleavage, includes 16.4 - 16.7 quartz albite vein < 10cm @ 30 d to core, appears barren but included clast of graphitic schist has pyrite in it																
14.30	21.80	7.50		V/S	GRY	Grey fine grained, weak calcite in veins.																
16.40	16.70	0.30											16.40	16.70			Vn					30
17.60	17.70	0.10		QV	WHT	Albite euhedral quartz vein 2cm @ 30 d to core																
17.60	17.70	0.10											17.60	17.70			Vn					30
19.20	20.30	1.10		LT	GRY	Clasts < 3cm are rounded, matrix & clasts are FP with small 1mm phenocrysts																
21.40	21.50	0.10		QV	WHT	Albite quartz vein 3cm @ 60 d to core																
21.40	21.50	0.10											21.40	21.50			Vn					60
21.80	31.20	9.40		FP	GRY	Small white phenocrysts < 2mm, weak calcite on vein margins.																
22.50	23.00	0.50		QV	WHT	Complementary set of quartz albite veins 1mm & 1cm @ 30 d & 60 d to core																
22.50	23.00	0.50											22.50	23.00			Vn					60
22.50	23.00	0.50											22.50	23.00			Vn					30
24.80	24.90	0.10		QV	WHT	Quartz vein 8 cm @ 60 d to core, has faint green tint halo both sides																
24.80	24.90	0.10											24.80	24.90			Vn					60
31.20	33.80	2.60		Va	G-G	Green and tan fine grained feldspar dominated alteration has through out a parallel series of albite quartz, some calcite, veins < 5mm @ 20 d to core.																
31.20	33.80	2.60																				
31.20	33.80	2.60											31.20	33.80			Vn					20

Lithology							Alteration				Mineralization				Structure							
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
33.80	47.70	13.90	FP		MAR	Small 1mm wide spaced white phenocrysts through this unit. Occasional small <3mm amygdules, no banding, some breccia, very limited veining with weak calcite. Veins seem to continue pattern of low angle & 60 d to core complements.																
33.80	0.00	-33.80															33.80	0.00	Vn	10		
33.80	0.00	-33.80															33.80	0.00	Vn	60		
36.50	37.00	0.50		Va	G-B	Green tan bleached alteration zone as halo to several albite quartz veins < 1 cm @ 20 d to core seemingly at right angles to upper alteration contact @ 60 d to core, this zone has halos above & below of darker maroon 10cm																
36.50	37.00	0.50															36.50	37.00	Vn	20		
36.50	37.00	0.50															36.50	37.00	UC	60		
38.40	40.00	1.60		Va	GRN	Series of small green alteration patches @ 38.4m, 38.7m, 39.3m, & 40m have albite veins associated at complementary angles																
47.70	53.70	6.00	Va		G-B	Green to maroon, very desperate for pyrite < 1% which appears to associate with albite quartz veins & pink bleached zones, no calcite.																
53.70	66.50	12.80	LT		MAR	Clasts to 3cm typically 1cm & rounded, calcite with albite veins.																
65.10	65.20	0.10			Dkin	MAR	Dark purple FP dyke has abrupt contacts @ 70 d & 50 d to core, phenocrysts < 2mm															
65.10	0.00	-65.10															65.10	0.00	Cn	50		
65.10	0.00	-65.10															65.10	0.00	Cn	70		
65.50	65.70	0.20			Dkin	MAR	Dark purple FP dyke abrupt contacts @ 50 d & 90 d to core, phenocrysts <2mm															
65.50	65.70	0.20															65.50	65.70	Cn	90		
65.50	65.70	0.20															65.50	65.70	Cn	50		
66.50	0.00	-66.50																				
66.50	69.90	3.40	BTm		MAR	Weak banding @ 60 d to core, some faint white small phenocrysts 1mm, calcite in albite veins.																
66.50	69.90	3.40															66.50	69.90	Bn	60		
69.90	71.60	1.70	LT		MAR	Rounded clasts typically 1 cm, has series of 7 parallel albite calcite veins 5mm @ 50 d to core.																
69.90	71.60	1.70															69.90	71.60	Vn	50	series of 7 parallel albite calcite veins	
71.60	75.80	4.20	FP		MAR	Dark purple with phenocrysts 1-2mm, some calcite in albite veins.																

Lithology						Alteration				Mineralization				Structure											
From	To	Len	RKTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments				
72.60	72.90	0.30		QV	WHT	Complementary set of albite calcite veins < 5mm @ 40 d & 30 d to core has associated green halo pattern																			
72.60	72.90	0.30											72.60	72.90	Vn										
72.60	72.90	0.30											72.60	72.90	Vn										
75.80	76.70	0.90		BTm	MAR	Weak banding @ 65 d to core, some calcite in albite veins.																			
75.80	76.70	0.90												75.80	76.70	Bn									
76.70	102.70	26.00		FP	MAR	Variable in abundance white phenocrysts small 1 mm appear to develop a weak banded pattern, some calcite in albite veins.																			
77.40	79.10	1.70			Dkin	GRN	Complementary pattern in albite veining & green alteration halo is dendritic to green dyke as feeder medial at 77.9-78.2 abrupt contacts of dyke @ 50 d to core repeats as parallel veins some with narrow green halos have complements @ 15 d to core also internal to dyke.																		
77.90	78.20	0.30												77.90	78.20	Cn									
82.10	83.00	0.90			Dkin	GRN	Complementary pattern in albite veining & green alteration halo is dendritic to green dyke at 82.1-82.2m similar to above @ 30 d & 80 d to core.																		
82.10	0.00	-82.10												82.10	0.00	Cn									
82.10	0.00	-82.10												82.10	0.00	Cn									
91.00	92.00	1.00			Dkin	GRN	Complementary pattern in albite quartz calcite veins. Green dyke at 91.2 - 91.5 & halo @ 55 d & 15 d to core.																		
91.00	0.00	-91.00												91.00	0.00	LC									
91.00	0.00	-91.00												91.00	0.00	UC									
102.70	107.00	4.30		BTm	MAR	Weak banding @ 60 d to core.																			
102.70	107.00	4.30												102.70	107.00	Bn									
103.20	103.40	0.20			QV	WHT	Albite quartz vein @ 55 d to core.																		
103.20	103.40	0.20												103.20	103.40	Vn									
105.60	106.60	1.00			QV	WHT	Parallel series of 8 veins 5mm @ 20 d to core.																		
105.60	106.60	1.00												105.60	106.60	Vn								parallel series of 8 veins	
107.00	108.80	1.80		FP	MAR	Dark purple unit with faint small 1 mm white phenocrysts, some calcite in albite veins.																			



## *Down Hole Surveys*

Hole No. **DM-10-065**

<b>BHID</b>	<b>AT</b>	<b>BRG</b>	<b>DIP</b>	<b>TYPE</b>
DM-10-065				
	0.00	1.50	-41.70	C
	14.30	1.50	-41.70	R
	53.90	1.70	-42.40	R
	108.80	1.40	-42.60	R

# Metal Mountain Resources

## Assays Per Hole

Grid-X:

Grid-Y:

Grid-Z:

Hole Number: DM-10-065

HOLE ID DM-10-065

FROM	TO	Length	SAMPLE	Au	Ag	Cu	ZN	PB	Wt	ROCKTYPE	Py%	CP%	SL%	GL%	VG	Intersect	LAB	CERT#	ExpVal	ISD-Au	Zscore	BAD	%DIFF
16.40	16.70	0.30	A061716	2.770	12.70				0.50	QV	1					HW	ASSCAN	0S0075RA					
47.70	49.00	1.30	A061717	0.015	1.00				3.00	Va	1						ASSCAN	0S0075RA					
49.00	50.00	1.00	A061718	0.015	0.05				2.00	Va	1						ASSCAN	0S0075RA					
50.00	51.00	1.00	A061719	0.015	2.80				2.00	Va	1						ASSCAN	0S0075RA					
51.00	52.00	1.00	A061720	0.015	0.05				2.20	Va	1						ASSCAN	0S0075RA					
52.00	53.00	1.00	A061721	0.015	0.05				2.20	Va	1						ASSCAN	0S0075RA					
53.00	53.70	0.70	A061722	0.015	1.80				1.50	Va	1						ASSCAN	0S0075RA					

Count: 7



**Drill Hole Log**

**Grid-X:** 653,681.02  
**Grid-Y:** 6,068,766.33  
**Grid-Z:** 1,248.87  
**NTS:** 93L 077

**Brg:** 4.10  
**Dip:** -43.60  
**Depth:** 246.00  
**Claim:** 0

**Ovb:** 23.50  
**Casing:** 23.50  
**Recover Casing:** yes  
**Area:** DOME MOUNTAIN

**Surveyor:** McElhanney  
**Survey Date:** 07-Sep-10  
**Core Size:** NQ

**Drill:** Driftwood Diamond Drilling  
**Drill Dates:** 25-Aug-10 to 27-Aug-10  
**Geologist:** Bryan Muloin  
**Log Dates:** 26-Aug-10 to 28-Aug-10

**Target:** Boulder FW Vein below DM-10-052

**Comments:** Drill Pad D (moved N 3m from collar of DM-10-047). Followup from Feb 2010 program. Hole lengthened from planned 230m.

Lithology							Alteration				Mineralization			Structure								
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
0.00	23.50	23.50	<b>OB</b>																			
23.50	30.00	6.50		V/S	GRY	Through this segment calcite is present in the rock as well as the white veinlets																
23.50	52.30	28.80	<b>V/S</b>		GRY	Fine grained, grey.																
30.00	33.50	3.50		V/S	BLK	Graphite present on cleavages, calcite is absent in the very few albite veinlets in this segment																
33.50	52.30	18.80		V/S	GRY	Few albite quartz veinlets, 1mm, in this segment some of which carry calcite, some few larger veins 5mm show partitioning of quartz on median																
52.30	68.40	16.10	<b>FP</b>		G-G	Grey with light green tint, abundant 40%. Small 1-2mm elongated white phenocrysts in unit excepting zones of bleached silica flooding/alteration, has very little calcite in unit.																
53.80	53.90	0.10			BLE	Short segment of silica flooding associated with increased albite quartz veins																
55.00	56.00	1.00			BLE	Zone of silica flooding & pattern of close 1cm parallel albite veins <2mm @ 45 d to core, some minor dispersed pyrite <<1% possibly concentrating near margins of zone																
56.30	56.60	0.30			BLE	Zone of silica flooding																
57.70	57.90	0.20			BLE	Zone of silica flooding & pattern of close 5 - 10mm parallel albite veins <3mm @ 70 d to core, pyrite present, appears to have faint green halo on both margins																

Lithology							Alteration				Mineralization				Structure							
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
58.10	58.40	0.30			BLE	Zone of silica flooding & pattern of close complimentary zoned, quartz margins, albite median, veins <2mm @ 30 d & 50 d to core, notable increase in pyrite <1%, has green halo margins & start of black parting texture at median																
59.20	59.60	0.40			BLE	Zone of silica flooding similar to above including green halos, black parting texture here seen to develop as globular masses of rutile or psilomelane? Feldspar phenocrysts are widely spaced still small 1mm & quartz separating as globules <5mm																
60.00	61.90	1.90			BLE	Silica flooding progressing from above, has intermittent patches of green halo that at 61.4 m has a notable concentration of pyrite <1%, tendency of black mineral to form globules often with quartz centers & albite margins																
62.60	68.40	5.80			BLE	Silica flooding progressing from above to 67.6 then gouge, clay altered feldspars & granular quartz to 68.4 identify alteration fluids channel																
68.40	90.80	22.40	LT		MAR	Rounded clasts < 4cm excepting zone of FP clasts as noted. This unit is segmented by a series of green alteration zones. From 78.5m on, calcite is present in the few albite veins.																
70.00	71.40	1.40		Va	GRN	Rhythmic pattern of 4 green alteration zones; 70, 70.1, 70.2 - 70.8, 71 - 71.4, the upper 2 zones are 2cm & of low intensity, the lower 2 are patterned & appear to lay @ 45 d - 50 d to core as further described: the third zone appears to be center of pattern as it has darker green margins than internally, the median is an albite vein 5mm @ 45 d to core with open cleavage, above this medial vein & to a lesser amount below are albite amygdules present; the fourth zone has darker green halo only below, no strong albite vein & poorer albite amygdules																
73.20	75.30	2.10		FP	MAR	Zone of large <20cm angular purple FP clasts, matrix is maroon FP with fewer white phenocrysts, at 73.6 - 74.2, vuggy vein like cavities not vesicles at 74.8 several enclose acicular white crystals probably quartz but shape not definitive																
76.30	76.60	0.30		Dkin	GRN	Possible continuation of rhythmic pattern above green dyke like segment has abrupt contacts @ 30 d & 80 d to core																

Lithology						Alteration				Mineralization				Structure								
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
76.90	77.20	0.30		Va	RED	Pink silica enriched vein / dyke has abrupt parallel contacts @ 35 d & 40 d to core has green alteration halo 1 cm down hole																
78.50	90.80	12.30		LT	MAR	Presence of calcite in albite veins																
90.80	91.90	1.10		Va	GRN	Green alteration zone has small <5mm white amygdules as similar to 70.2-70.8m.																
91.90	114.30	22.40		LT	MAR	Rounded clasts typically 1cm; the green altered zones persist as noted in miner lithology, calcite continues to occur in the albite veins.																
94.90	95.10	0.20		QV	WHT	Complimentary quartz albite chlorite veins 5 & 10mm @ 55 d & 15 d to core, chlorite occurs in vein as several small <3mm blocky crystals																
94.90	95.10	0.20					94.90	95.10	Chl	Fgm	Pres											
94.90	95.10	0.20										94.90	95.10	Vn	55						55	compliment albite 5mm with cleavage
94.90	95.10	0.20										94.90	95.10	Vn	15						15	compliment quartz albite 1cm with chlorite
96.10	96.10	0.00		QV	WHT	Quartz albite chlorite chlorite on margin vein 7mm @ 55 d to core, parallel to above vein																
96.10	96.10	0.00					96.10	96.10	Chl	En	Pres											
96.10	96.10	0.00										96.10	96.10	Vn	55						55	parallel to vein above & chlorite margins <1mm
105.70	105.90	0.20		Va	GRN	Green alteration, dyke like, upper contact is breccia, broken clasts of enclosing rock, LT, lower contact is abrupt chill margin @ 80 d to core has internal radiating albite quartz veins 3mm																
105.70	105.90	0.20										105.70	105.90	Vn	80						80	green Dyke
107.70	107.90	0.20		Va	GRN	Green alteration, dyke with abrupt parallel contacts @ 45 d to core has down hole contact quartz albite vein 2cm, lays at same orientation as previous, up hole, almost parallel, dyke, in between & extending both up hole & down hole of these dykes are a well spaced, 10cm, pattern of parallel albite veins <5mm @ 15 d to core																
107.70	107.90	0.20										107.70	107.90	Vn	45						45	green dyke, with contact vein & compliments
107.70	107.90	0.20										107.70	107.90	Vn	15						15	compliment albite veins
113.30	113.60	0.30		Va	GRN	Green alteration, dyke with abrupt upper contact, albite vein 2mm @ 30 d to core, lower contact @ 55 d to core, are almost parallel																
113.30	113.60	0.30										113.30	113.60	Vn	55						55	green dyke

Lithology							Alteration				Mineralization				Structure							
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
114.30	114.60	0.30	FP		MAR	White phenocrysts <5mm in well developed rhombs, is start of series of 24 parallel albite & quartz veins <2mm @ 35 d to core extending through subsequent green altered zone to large phenocryst zone below.																
114.60	116.90	2.30	Va		GRN	Green alteration zone, similar to zones at 70-71.4 m as associated with series of parallel close spaced albite quartz veins; this zone is diffusely altered with LT clasts visible through it.																
114.60	116.90	2.30										114.60	116.90	Vn	35						35	series of 24 quartz & albite parallel veins <3mm
115.60	115.70	0.10		QV	WHT	Medial vein? Is compliment to vein series described in major lithology, is quartz albite 1cm @ 50 d to core has blebby pyrite																
115.60	115.70	0.10										115.60	115.70	Py	30	1cm compliment vein						
115.60	115.70	0.10										115.60	115.70	Vn	45	1cm compliment vein						
116.90	117.40	0.50	LT		MAR	Rounded clasts <2cm, calcite present in albite veining.																
117.40	117.80	0.40	Va		GRN	Green altered dyke like unit has abrupt parallel contacts @ 45 d to core, lower contact develops tension fracture pattern in albite veins 1mm @ right angles to contact & medial albite vein pattern @ 90 d to core, no calcite in this unit.																
117.40	117.80	0.40										117.40	117.80	Vn	45	green dyke						
117.80	118.70	0.90	BTm		MAR	Weak banding pattern @ 45 d to core is parallel to dyke above, weak calcite response in albite veins.																
117.80	118.70	0.90										117.80	118.70	Bn	45							
118.70	132.00	13.30	LT		MAR	Elongated angular to rounded clasts <3cm.																
122.40	122.70	0.30		FP	MAR	Dyke like unit with abrupt parallel contacts @ 45 d to core, white phenocrysts are elongated to rhombic, seem to align with margins, lack of albite calcite veining compared to up & down hole																
122.40	122.70	0.30										122.40	122.70	Vn	45	FP dyke						
123.20	124.80	1.60		LT	MAR	Series of close spaced 1cm parallel albite calcite veins <7mm @ 50 d to core																
132.00	134.10	2.10	Dkin		GRN	Green dyke, few thin calcite veins 1mm in complimentary set parallel to contact & at right angles to contact @ 65 d & 30 d to core.																
132.00	134.10	2.10										132.00	134.10	Vn	65	contact angles						

Lithology							Alteration				Mineralization				Structure							
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
134.10	143.50	9.40	LT		MAR	Tendency to angular clasts <2cm, in occasional layer like bands small subrounded amygdules <5mm start to occur, calcite present in matrix as well as veins.																
143.50	147.30	3.80	BTm		MAR	Banding weak in unit @ 70 d to core, gives strong calcite response.																
143.50	147.30	3.80											143.50	147.30					Bn		70	
147.30	148.20	0.90	Va		G-B	Light green & pink unit has white rhombic phenocrysts <2mm; at both up hole contact 147.3-147.5m & median 147.7-147.8m are black mat like masses that are similar to occurrences seen in occasional medial to alteration above in this hole, hardness 4-5 streaks white with maroon in streak, not hematite, some tendency to include rhombic phenocrysts similar to FP unit below, no response for calcite.																
148.20	168.10	19.90	FP		BLK	Dark purple almost black with white phenocrysts tendency to elongated vesicles. Veins are absent except as noted, no calcite to 164.3m then in veins, no calcite.																
157.00	158.10	1.10		Dkin	GRN	Abrupt contacts, upper contact is albite vein 5mm @ 75 d to core, lower contact is 65 d to core																
157.00	158.10	1.10											157.00	158.10					Vn		70	green dyke
161.00	161.50	0.50		Dkin	GRN	Green dyke in broke core, contacts obscured																
164.30	165.70	1.40											164.30	165.70					Vn		0	calcite veins 5mm
165.70	165.90	0.20		Dkin	GRN	Green fine grained dyke has abrupt contacts @ 80 d to core, calcite vein parallel to core up & down hole is missing in dyke																
165.90	168.10	2.20		TB	GRN																	
165.90	168.10	2.20											165.90	168.10					Vn		0	Continuation of calcite vein
168.10	175.40	7.30	TB		GRN	Fine grained as dyke in preceeding unit, upper contact abrupt @ 65 d to core, lower contact gradational with start of phenocrysts in andesite unit, no calcite.																
175.40	176.90	1.50	FP		BLK	Dark purple almost black with white phenocrysts, no calcite.																
176.90	178.10	1.20	Va		GRN	Sheared @ 25 d to core, composed of chlorite, albite, no calcite.																
176.90	177.00	0.10					176.90	177.00	Chl	Bn	Str											
176.90	178.10	1.20											176.90	178.10					Sch		25	chlorite & albite
178.10	185.90	7.80	FP		MAR	White small 1-2mm phenocrysts seen through most of unit. Fractured core on as appears to be elongated vesicles, no calcite.																

Lithology							Alteration				Mineralization				Structure							
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
185.90	186.90	1.00	Va		GRN	Possible dyke; contacts appear to be abrupt but broken @ a high angle to core. Pyrite vein, no calcite.																
186.60	186.90	0.30											186.60	186.90	Vn	20	vuggy pyrite & albite vein <3mm					
186.90	207.50	20.60	FP		MAR	White small 1-2mm phenocrysts, no calcite, very few veins in this unit, increasing occurrence of veins <1cm from noted vein at 204 m.																
204.00	204.00	0.00		QV	WHT	Quartz & pink feldspar, possibly orthoclase, vein 4cm @ 80 d to core																
204.00	204.00	0.00											204.00	204.00	Vn	80	Quartz feldspar vein 3cm					
207.50	208.30	0.80	Va		GRN	Green dyke like unit, has abrupt contacts @ 65 d to core, develops black mat zone at median as seen in other dyke like structures above. Also has outer quartz veins at 204m & 214 m.																
207.50	208.30	0.80					207.50	208.30	Cy	Pch	Wk											
207.50	208.30	0.80					207.50	208.30	Chl	Pch	Mod											
208.30	209.80	1.50		FP	MAR	rubbly/gougy																
208.30	231.10	22.80	FP		MAR	White small 1-2mm phenocrysts, calcite is present in the small quartz veins that are present in similar abundance to the area just above the above dyke.																
214.00	214.10	0.10		QV	WHT	Quartz-carbonate (chlorite) vein, irregular																
214.00	214.00	0.00					214.00	214.00	Chl	Fgm	Pres											
214.00	214.00	0.00											214.00	214.00	Vn	85	quartz albite chlorite 10cm					
214.00	214.10	0.10											214.00	214.10	Vn	60						
231.10	234.80	3.70	Va		BLE	Fine grained with various color changes. Pink to 231.7m, green to 232.8m, light tan with pink & green tints to 233.9m, pink to 234.8m; calcite is present in first vein but is missing down hole.																
231.20	231.30	0.10											231.20	231.30	Vn	15	albite with pyrite xtals spaced 1cm along median of vein <5mm calcite					
231.60	232.00	0.40											231.60	232.00	Vn	40	albite quartz chlorite on margins no calcite vein 2cm					
233.10	233.10	0.00											233.10	233.10	Vn	35	quartz with albite & chlorite on margins vein 15mm					
234.80	235.00	0.20	QV		WHT	Quartz with albite on margins vein knot has clasts of maroon color in it, pyrite seems to occur medial and in fine grained clots.																
235.00	235.30	0.30	Va		RED	Pink & streaked @ 40 d to core, has dispersed pyrite 3% - 5%.																



Lithology						Alteration				Mineralization				Structure							
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	StyleDeg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
235.30	235.50	0.20	QV		WHT	Quartz with pyrite in bands vein @ 45 d to core appears to cross cut streaky Va @ 30 d to core.															
235.50	238.80	3.30	Va		BLE	Pink to 238.1m then light green streaky @ 30 d to core.															
238.80	239.50	0.70	QV		WHT	Quartz with yellow albite on margins with clasts of green Va enclosed.															
239.50	240.10	0.60	Va		G-B	Streaked @ 50 d to core.															
240.10	246.00	5.90	FP		MAR	Maroon to dark purple with several small green altered zones. Small 1-2mm white phenocrysts, to 241.7 m can be described as banded @ 35 d to core															

## *Down Hole Surveys*

Hole No. **DM-10-066**

<b>BHID</b>	<b>AT</b>	<b>BRG</b>	<b>DIP</b>	<b>TYPE</b>
DM-10-066				
	0.00	4.10	-43.60	C
	26.50	4.10	-43.60	R
	124.10	3.70	-46.60	R
	246.00	4.00	-50.40	R

# Metal Mountain Resources

## Assays Per Hole

Grid-X:

Grid-Y:

Grid-Z:

Hole Number: DM-10-066

HOLE ID DM-10-066

FROM	TO	Length	SAMPLE	Au	Ag	Cu	ZN	PB	Wt	ROCKTYPE	Py%	CP%	SL%	GL%	VG	Intersect	LAB	CERT#	ExpVal	ISD-Au	Zscore	BAD	%DIFF	
115.50	115.80	0.30	A061723	0.100	1.10				0.50	Va							ASSCAN	0S0090RA						
115.50	115.80	0.30	A061724	8.530	2.20					GS-8A							ASSCAN	0S0090RA	8.250	0.300	0.93		3.39	
185.90	186.50	0.60	A061725	0.030	1.00				0.80	Va							ASSCAN	0S0090RA						
186.50	186.90	0.40	A061726	0.070	1.20				0.80	Va							ASSCAN	0S0090RA						
207.50	208.30	0.80	A067760	0.130	5.30				1.50	Va							ASSCAN	0S0116RA						
208.30	208.80	0.50	A067761	0.015	3.60				1.50	FP							ASSCAN	0S0116RA						
231.10	231.60	0.50	A061727	0.070	0.10				1.40	Va							ASSCAN	0S0090RA						
231.60	232.10	0.50	A061728	0.030	0.50				0.80	Va							ASSCAN	0S0090RA						
232.10	233.00	0.90	A061729	0.030	0.70				2.30	Va							ASSCAN	0S0090RA						
233.00	233.30	0.30	A061730	0.130	0.70				0.60	QV					HW		ASSCAN	0S0090RA						
233.30	234.00	0.70	A061731	0.030	1.50				1.70	Va							ASSCAN	0S0090RA						
234.00	234.80	0.80	A061732	0.030	0.40				1.90	Va							ASSCAN	0S0090RA						
234.00	234.80	0.80	A061733	0.015	0.60				0.80	BLANK							ASSCAN	0S0090RA	0.015	0.050	0.00		0.00	
234.80	235.00	0.20	A061734	0.100	1.10				0.50	QV					BFW		ASSCAN	0S0090RA						
235.00	235.30	0.30	A061735	4.400	2.80				0.90	Va						BFW		ASSCAN	0S0090RA					
235.30	235.60	0.30	A061736	90.070	115.30				0.50	QV						BFW		ASSCAN	0S0090RA					
235.60	236.00	0.40	A061737	0.030	0.60				1.40	Va							ASSCAN	0S0090RA						
236.00	237.00	1.00	A061738	0.100	1.20				2.00	Va							ASSCAN	0S0090RA						
237.00	238.10	1.10	A061739	0.030	1.60				2.30	Va							ASSCAN	0S0090RA						
238.10	238.80	0.70	A061740	0.030	0.50				1.50	Va							ASSCAN	0S0090RA						
238.80	239.50	0.70	A061741	0.015	0.30				1.50	QV							ASSCAN	0S0090RA						
239.50	240.10	0.60	A061742	0.015	0.40				1.50	Va							ASSCAN	0S0090RA						

Count: 22



Drill Hole Log

Hole Number: DM-10-067

**Grid-X:** 653,459.81      **Brg:** 360.00      **Ovb:** 2.10      **Surveyor:** BV Engineering Services      **Drill:** Driftwood Diamond Drilling  
**Grid-Y:** 6,068,855.36      **Dip:** -45.00      **Casing:** 2.10      **Survey Date:** 29-Sep-10      **Drill Dates:** 27-Aug-10 to 28-Aug-10  
**Grid-Z:** 1,316.48      **Depth:** 136.20      **Recover Casing:** yes      **Core Size:** HQ      **Geologist:** Bryan Muloin  
**NTS:** 93L 077      **Claim:** 0      **Area:** DOME MOUNTAIN      **Log Dates:** 29-Aug-10 to 31-Aug-10  
**Target:** Boulder FW Vein between D90-18 & D92-07      **Comments:** Setup on road above 1290 Portal. Had to drill through bit that was broken downhole. No downhole survey, as drillers lacked HQ-sized collar for instrument.

Lithology							Alteration				Mineralization				Structure							
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
0.00	2.10	2.10																				
	2.10	26.70			OB FP	G-G																
						Grey to purple with green mottling to green alteration halos on some veins. The unit has clasts to 8cm but most are <2cm varying from angular to rounded, after 25.5m style of veining changes from thin albite veins which almost disappear; at this point to broader silica alteration centering on central vein like feeders of wider size.																
	7.30	7.70				green halo on albite veins <7mm @ 40 d to core																
	7.30	7.70															7.30	7.70	Vn	40		has green halo
10.30	10.90	0.60				series of parallel albite calcite veins 1mm @ 30 d to core																
10.30	10.90	0.60															10.30	10.90	Vn	30		parallel series
11.20	12.00	0.80				green halo on gentle arched vein 2mm almost parallel to core, has complement veins radiating @ 90 d to vein, some with chlorite																
15.20	25.70	10.50				Region of albite-calcite-chlorite veins, 2 parallel sets @ 50 d & 25 d to core, first set rotates into second set & appears to be compliments of open vein 25 - 25.7m, again continuing as parallel to core																
15.20	25.70	10.50															15.20	25.70	Vn	50		
15.20	25.70	10.50															15.20	25.70	Vn	25		
26.70	28.40	1.70				Green & maroon, streaky. Clasts are typically 1cm but disappear towards next unit. At 28.1m a FP clast/alterd zone starts developing small amygdules < 4mm.																

Lithology							Alteration				Mineralization				Structure							
From	To	Len	RKTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
28.40	30.00	1.60	Va		GRN	Green alteration halo around mauve silica-flooded zone 7cm @ 35 d to core at 29.6m has albite tension vein pattern associated with uphole vein margin.																
28.40	30.00	1.60					28.40	30.00	Sil	Perv	Mod											
29.60	29.60	0.00																29.60	29.60	Vn	35	mauve quartz vein 7cm
30.00	30.90	0.90	BTm		MAR	Typical short banded zone at top of maroon section has elongated clasts & green altered bands @ 55 d to core.																
30.00	30.90	0.90																30.00	30.90	Bn	55	
30.90	34.40	3.50	LT		MAR	Angular to rounded clasts uniformly small 1 cm, calcite in interstices.																
34.40	35.00	0.60	Va		GRN	Green-altered, silica-flooded, albite-calcite white amygdules developing medially 34.6-34.8m in this unit. Quartz vein-like segregations at 34.9m in plane of banding @ 50 d to core.																
34.40	34.80	0.40					34.40	34.80	Sil	Perv	Mod											
34.40	35.00	0.60																34.40	35.00	Bn	50	
35.00	35.50	0.50	AB		MAR	Mostly small amygdules 2-3mm in flow banding @ 45 d to core.																
35.50	35.70	0.20		Va	BLE	Bleached tan band @ 45 d to core has white amygdules 5mm																
35.50	38.40	2.90	Va		GRN	Variety of green alteration styles expressing the silica infusion.																
35.50	38.40	2.90					35.50	38.40	Sil	Pch	Mod											
36.00	36.00	0.00		Va	BLK	Start of black mat seen below to 37.7 as occasional small <2cm lenses possible biotite as streaks white																
36.10	37.40	1.30		Va	GRN	zone of small amygdules <5mm																
38.10	38.10	0.00		Va	WHT	Vein like infusion of quartz 6 cm @ 60 d to core																
38.10	38.10	0.00																38.10	38.10	Vn	60	white quartz vein 6cm
38.40	42.60	4.20	LT		MAR	38.4-40.0m: clasts large <3cm & wide spaced 1-2 cm. 40.0-42.6m clasts spaced < 1cm, with interstitial calcite as transitional texture to amygdules.																
42.60	45.10	2.50	AB		MAR	Small <1cm white calcite amygdules are widely spaced in a fine-grained matrix, few veins 3.																
43.70	43.70	0.00																43.70	43.70	Vn	45	quartz vein pair 1 cm
44.70	44.70	0.00																44.70	44.70	Vn	45	quartz vein 5mm

Lithology						Alteration				Mineralization				Structure									
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments		
45.10	53.60	8.50	LT		MAR	Mostly angular clasts & <2cm, larger clasts towards bottom of unit are purple & include white amygdules.																	
45.20	45.80	0.60					45.20	45.80	Blich	En	Pres												
46.70	47.30	0.60											46.70	47.30	Vn	45	complimentary vein pairs <2mm						
46.70	47.30	0.60											46.70	47.30	Vn	35							
51.90	52.40	0.50											51.90	52.40	Vn	45	Parallel quartz-albite veins 1 cm						
53.60	55.70	2.10	FP		MAR	Small white phenocrysts 1mm in fine grained matrix, has 2 similar but not parallel bleached halo zones centered on open fractures. The upper halo has tension fracture pattern albite veins internal to it.																	
53.90	53.90	0.00					53.90	53.90	Blich	Perv	Pres												
54.80	54.80	0.00					54.80	54.80	Blich	Perv	Pres												
55.70	60.40	4.70	LT		MAR	Clasts typically angular with occasional amygdules.																	
56.90	57.20	0.30											56.90	57.20	Vn	35	abrupt upper contact dyke dark grey fine grained						
56.90	57.20	0.30											56.90	57.20	Vn	30	abrupt lower contact paralel						
57.30	58.00	0.70											57.30	58.00	Vn	45							
57.30	58.00	0.70											57.30	58.00	Vn	60	complimentary quartz veins center on 57.7 vein of 3cm						
60.40	62.00	1.60	AB		MAR	Amygdules in this unit seem to be a response to increasing alteration potential, as 2 green alteration zones occur in this unit at 61.0m & 61.3m; both 10cm & @ 70 d to core. 61.6-62.0m: bleached zone 5cm @ 55 d to core with zone of dispersed fine red phenocrysts (orthoclase?) Downhole from 61.4m no calcite.																	
62.00	62.30	0.30		Va	GRN	Green altered																	
62.00	63.70	1.70	Va		GRN	Mixed unit composed of albite-quartz veins, green alteration, maroon FP & AB, no calcite.																	
62.30	62.40	0.10		QV	WHT	Albite quartz vein 3cm @ 15 d to core																	
62.30	62.40	0.10											62.30	62.40	Vn	15							
62.40	62.60	0.20		LT	MAR	Zone has compliment veins to veins up & down hole are 2 of albite-quartz veins 1cm @ 15 d to core																	
62.40	62.60	0.20											62.40	62.60	UC	15							
62.60	62.70	0.10		QV	WHT	Albite quartz vein 4cm @ 35 d to core																	
62.60	62.70	0.10											62.60	62.70	Vn	35							
62.70	63.50	0.80		FP	MAR	porphyry contains compliment QV <15mm @ 20 d & 30 d to core																	

Lithology							Alteration				Mineralization				Structure						
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments
62.70	63.50	0.80															62.70	63.50	Vn	30	
62.70	63.50	0.80															62.70	63.50	Vn	20	
63.50	63.70	0.20		Va	GRN	Green altered, contains albite margin quartz median veins <1cm @ 15 d to core															
63.50	63.70	0.20															63.50	63.70	Vn	15	
63.70	64.90	1.20			NC																
63.70	64.90	1.20		NC																	
64.90	65.00	0.10		Dkin	MAR	Purple FP dyke like unit															
64.90	65.70	0.80		Va	GRN	Mixed unit composed of albite-quartz veins, green alteration, maroon FP & AB, no calcite.															
65.00	65.20	0.20		Va	GRN	Green altered unit encloses quartz albite vein <7mm pattern with pink alteration halo 2mm															
65.20	65.70	0.50		Va	GRN	Light green haze of alteration ends this alteration zone															
65.70	68.00	2.30		FP	MAR	Small phenocrysts through unit. 65.7-67.3m: green alteration halos on green clay-faced fractures almost parallel to core to 67.3m.															
65.70	67.30	1.60															65.70	67.30	Frc	5	
68.00	68.60	0.60		LT	MAR	series of parallel wavy albite veins 1mm @ 55 d to core, no calcite															
68.00	88.00	20.00		LT	MAR	Breccia clasts rounded to elongated <2cm.															
68.00	68.60	0.60															68.00	68.60	Vn	55	parallel wavy veins
71.80	73.80	2.00		LT	MAR	repeat & stronger development of parallel wavy albite calcite veins <3mm @ 20 d to core close spaced 1cm followed by virtually no veining & no calcite															
71.80	73.80	2.00															71.80	73.80	Vn	20	
78.60	78.60	0.00		LT	MAR	Calcite in solitary albite quartz vein 1cm @ 50 d to core															
78.60	78.60	0.00															78.60	78.60	Vn	50	
80.30	80.30	0.00		LT	MAR	calcite in albite quartz vein 1 cm @ 30 d to core is start of weak pattern of veins															
80.30	80.30	0.00															80.30	80.30	Vn	30	
88.00	88.80	0.80		Va	GRN	Light green-altered has small vein <1mm with pyrite <1% near 88.8m.															
88.80	89.30	0.50		Va	G-B	Light green-tan-altered, with clay on fractures.															
89.30	90.00	0.70		QV	WHT	Broken quartz vein with pyrite, sphalerite & epidote. Sulphides are in bands @ 60 d to core & greater; no calcite.															
89.30	90.00	0.70															89.30	90.00	Bn	60	
90.00	91.00	1.00		FT	M-G	Green broken & gouge zone at 90.5m, to maroon FP; no calcite.															

Lithology							Alteration				Mineralization				Structure							
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
91.00	91.10	0.10	QV		WHT	Pyrite in vein is 20%, vein appears @ high angle to core; no calcite.						91.00	91.10	Py	20							
91.00	91.10	0.10															91.00	91.10	Vn	75		
91.00	91.10	0.10																				
91.10	91.80	0.70	Va		G-B	At 91.8m alteration contact is at high angle to core & has right angle to contact, parallel to core, albite veins <2mm to 10 cm long in tension fracture pattern into next unit, LT.																
91.80	93.70	1.90	LT		MAR	Clasts are angular & <2cm. Albite veining <2mm develops some complementary patterning @ 25 d to core which is starting to develop amygdules as junction swellings.																
91.80	93.70	1.90															91.80	93.70	Vn	25		
93.70	97.10	3.40	AB		MAR	Unit starts with small amygdules <5mm that change to ragged angular albite amygdules that can be seen as clotting of vein junctions.																
97.10	100.80	3.70	FP		MAR	Phenocrysts are both red (orthoclase) & green often with white exterior layer (plagioclase); both show rhombic nature with orthoclase slightly larger <3mm. A complementary pattern of albite veins is present, very little calcite.																
97.10	98.10	1.00															97.10	98.10	Vn	80	1mm close spaced <2cm	
97.10	98.10	1.00															97.10	98.10	Vn	25	<5mm prime veins spaced 5cm	
100.80	101.50	0.70	Va		RED	Pink alteration zone, up & down hole contacts are parallel to cleavage at 101.3m @ 60 d to core. Color change at cleavage indicates different alteration potential either side of cleavage & function of cleavage as channel for alteration; in this zone albite-quartz veins transform into amygdules at vein junctions, no calcite, sulphides not seen.																
100.80	100.80	0.00															100.80	100.80	UC	60		
101.50	102.00	0.50	AB		MAR	Mostly small amygdules <5mm.																
101.50	101.50	0.00															101.50	101.50	LC	60		
102.00	102.80	0.80	Va		G-B	Pink & green altered, has albite veins 2cm @ 50 d to core at 102.2m with pyrite & 102.5m in dispersed pyrite.																
102.00	102.80	0.80					102.00	102.80	Py	Dism	Wk											
102.00	102.80	0.80															102.00	102.80	Vn	50		
102.80	104.80	2.00	Va		GRY	Grey altered & dispersed pyrite.																
102.80	104.80	2.00					102.80	104.80	Py	Dism	Wk											



Lithology							Alteration				Mineralization				Structure							
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
104.80	105.30	0.50	Va		MAR	Light maroon alteration with quartz-albite veins <2cm & 70 d to core pyrite in larger veins.																
104.80	105.30	0.50											104.80	105.30	Vn	70						
105.30	106.20	0.90	Va		GRN	Green alteration changes to green FP down hole after 106.0m with small 1mm phenocrysts.																
106.20	109.80	3.60	FP		MAR	Dark purple with white phenocrysts <2mm. Calcite in albite veins <2mm: 108.2-109.5m.																
109.80	110.60	0.80	AB		MAR	The presence of amygdules is associated with increased albite veining. The transition to red orthoclase & green plagioclase phenocrysts occurs in this unit too.																
110.60	113.00	2.40		FP	GRY	Red & green phenocrysts																
110.60	123.50	12.90	FP		GRY	An interplay of potassium, sodium, & probably calcium indicated by the presence or absence of calcite occurs in this unit. The color of the phenocrysts present changes through red, green & white.																
113.00	115.50	2.50		FP	GRY	Red phenocrysts																
115.50	117.10	1.60		FP	GRY	Red & green phenocrysts, at 116.5 - 117.1 albite with weak calcite are present in a proto amigdular pattern as the amygdules have not fully coalesced from the ragged vein junctions																
117.10	117.80	0.70		BTm	MAR	green phenocrysts in a matrix of red, probably orthoclase, have a banded appearance probably eutectic crystallization, banding @ 75 d to core																
117.10	117.80	0.70											117.10	117.80	Bn	75						
117.80	122.70	4.90		FP	GRY	Dark purple matrix with white phenocrysts, occasional albite veins parallel a well developed complementary vein <2mm pattern at 121.8 - 122.3 @ 40 d & 25 d to core																
117.80	122.70	4.90											117.80	122.70	Vn	25						
117.80	122.70	4.90											117.80	122.70	Vn	40						
122.70	123.50	0.80		FP	GRY	White phenocrysts are present & red phenocrysts increase in abundance down hole to create a maroon halo on the following altered unit																
123.50	123.90	0.40	Va		G-M	Green alteration is margined by dark maroon halos.																
123.90	124.90	1.00	Va		GRN	Light green alteration with pyrite in thin 1mm veins @ 90 d & 20 d to core.																
123.90	124.90	1.00											123.90	124.90	Vn	90						
123.90	124.90	1.00											123.90	124.90	Vn	20						

Lithology						Alteration				Mineralization				Structure								
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
124.90	125.70	0.80	Va		RED	Pink alteration with pyrite dispersed & vein <1mm @ 20 d to core.																
124.90	125.70	0.80					124.90	125.70	Py	Dism	Wk											
124.90	125.70	0.80																124.90	125.70	Vn		20
125.70	126.00	0.30	QV		WHT	Albite quartz veins <3cm in arch to knot shape with pyrite on margins.																
125.70	126.00	0.30										125.70	126.00	Py		2						
126.00	126.50	0.50	Va		GRN	Light green is the halo on the quartz veins that are up & down hole in this segment with maroon FP in middle.																
126.50	126.70	0.20	QV		WHT	Albite on margins, quartz dominates medially. Some pyrite, vein appears to be @ high angle to core.																
126.50	126.70	0.20																126.50	126.70	Vn		75
126.70	128.80	2.10	Va		G-B	Light green-tan with pink highlights that grade into maroon at 128-128.2m, dispersed fine pyrite.																
126.70	128.80	2.10					126.70	128.80	Py	Dism	Wk											
128.80	131.50	2.70		FP	GRN	Light-green FP altered/banded @ 35 d to core. banding includes grey silica-rich zones with pyrite																
128.80	136.20	7.40	FP		GRN	Green altered FP, white small 2mm phenocrysts.																
128.80	131.50	2.70					128.80	131.50	Sil	Bn	Mod											
128.80	131.50	2.70					128.80	131.50	Py	Bn	Wk											
128.80	131.50	2.70																128.80	131.50	Bn		35
133.70	134.00	0.30		Dkin	GRN	Dyke is at 133.8 - 133.9, has halos of quartz alteration, bleaching, with pyrite dispersed in halo, green porphyry dyke contacts are abrupt not planar, are curved but generally at high angle to core																

## *Down Hole Surveys*

Hole No. **DM-10-067**

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BHID	AT	BRG	DIP	TYPE
DM-10-067	0.00	360.00	-45.00	C

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# Metal Mountain Resources

## Assays Per Hole

Grid-X:

Grid-Y:

Grid-Z:

Hole Number: DM-10-067

HOLE ID DM-10-067

FROM	TO	Length	SAMPLE	Au	Ag	Cu	ZN	PB	Wt	ROCKTYPE	Py%	CP%	SL%	GL%	VG	Intersect	LAB	CERT#	ExpVal	ISD-Au	Zscore	BAD	%DIFF
28.40	29.50	1.10	A067817	0.015	3.70				4.00	Va							ASSCAN	OS0116RA					
29.50	30.00	0.50	A067818	0.015	1.80				1.50	Va							ASSCAN	OS0116RA					
35.40	35.80	0.40	A067819	0.030	1.10				1.00	AB							ASSCAN	OS0116RA					
35.80	36.90	1.10	A067820	0.130	0.10				5.00	Va							ASSCAN	OS0116RA					
36.90	38.00	1.10	A067821	0.015	0.70				4.00	Va							ASSCAN	OS0116RA					
36.90	38.00	1.10	A067822	0.015	0.20				3.00	BLANK							ASSCAN	OS0116RA	0.015	0.050	0.00		0.00
38.00	38.50	0.50	A067823	0.030	0.50				1.00	Va							ASSCAN	OS0116RA					
38.50	39.00	0.50	A067824	0.030	0.70				2.00	LT							ASSCAN	OS0116RA					
88.00	88.80	0.80	A061743	0.015	1.00				2.40	Va					1		ASSCAN	OS0090RA					
88.80	89.30	0.50	A061744	10.900	2.60					GS-11A							ASSCAN	OS0090RA	11.210	0.435	-0.71		-2.77
88.80	89.30	0.50	A061745	0.030	3.60				2.10	Va					1		ASSCAN	OS0090RA					
89.30	90.00	0.70	A061746	12.374	171.90		4.56	5.61	2.30	QV					2	BFW	SGS	OS0090RA					
90.00	90.50	0.50	A061747	0.230	3.00				1.60	FT					1	BFW	ASSCAN	OS0090RA					
90.50	91.00	0.50	A061748	0.030	1.80				2.00	FP					1	BFW	ASSCAN	OS0090RA					
91.00	91.20	0.20	A061749	7.008	103.90		2.27	1.93	1.00	QV					10	BFW	SGS	OS0090RA					
91.20	91.80	0.60	A061750	0.015	0.10				2.00	Va					1		ASSCAN	OS0090RA					
102.00	102.50	0.50	A061751	0.030	0.00				2.00	Va					3		ASSCAN	OS0090RA					
102.50	102.80	0.30	A061752	0.470	2.60				1.40	Va					2		ASSCAN	OS0090RA					
102.80	104.00	1.20	A061753	0.030	0.60				4.20	Va					1		ASSCAN	OS0090RA					
104.00	104.80	0.80	A061754	0.015	0.60				2.50	Va							ASSCAN	OS0090RA					
104.80	105.30	0.50	A061755	0.070	0.70				2.10	Va					1		ASSCAN	OS0090RA					
105.30	106.20	0.90	A061756	0.015	0.30				4.00	Va					1		ASSCAN	OS0090RA					
105.30	106.20	0.90	A061757	0.015	0.20				0.90	BLANK							ASSCAN	OS0090RA	0.015	0.050	0.00		0.00
123.90	124.90	1.00	A061758	0.600	0.70				3.60	Va					2		ASSCAN	OS0090RA					
124.90	125.70	0.80	A061759	0.170	1.90				3.30	Va					2		ASSCAN	OS0090RA					
125.70	126.00	0.30	A061760	6.530	8.20				1.50	QV					7	FW	ASSCAN	OS0090RA					
126.00	126.50	0.50	A061761	0.015	1.50				2.40	Va					1	FW	ASSCAN	OS0090RA					
126.50	126.70	0.20	A061762	4.200	7.70				1.00	QV					5	FW	ASSCAN	OS0090RA					
126.70	127.10	0.40	A061763	0.070	0.80				1.50	Va					2		ASSCAN	OS0090RA					
127.10	128.00	0.90	A061764	0.015	1.00				3.50	Va					2		ASSCAN	OS0090RA					
127.10	128.00	0.90	A061765	8.530	3.50					GS-8A							ASSCAN	OS0090RA	8.250	0.300	0.93		3.39
128.00	128.80	0.80	A061766	0.030	1.00				3.60	Va					2		ASSCAN	OS0090RA					
128.80	130.10	1.30	A061767	0.030	0.70				4.70	Va					1		ASSCAN	OS0090RA					
130.10	131.00	0.90	A061768	0.015	1.50				3.90	Va					3		ASSCAN	OS0090RA					
131.00	132.00	1.00	A061769	0.015	2.20				2.90	Va					2		ASSCAN	OS0090RA					
132.00	133.00	1.00	A061770	0.030	0.10				4.30	Va					1		ASSCAN	OS0090RA					
133.00	134.00	1.00	A061771	0.030	0.10				4.20	FP					3		ASSCAN	OS0090RA					

HOLE ID DM-10-067

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FROM	TO	Length	SAMPLE	Au	Ag	Cu	ZN	PB	Wt	ROCKTYPE	Py%	CP%	SL%	GL%	VG	Intersect	LAB	CERT#	ExpVal	SD-Au	Zscore	BAD %DIFF
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Count: 37



# Drill Hole Log

## Dome Mountain Project Database

Hole Number: **DM-10-047**

**Grid-X:** 653,680.84      **Brg:** 360.00      **Ovb:** 31.70  
**Grid-Y:** 6,068,762.92      **Dip:** -52.00      **Casing:** 3.05  
**Grid-Z:** 1,248.94      **Depth:** 216.10      **Recover Casing:** HQ  
**NTS:** 93L 077      **Claim:** 0      **Area:** 0

**Surveyor:** 0      **Drill:** Driftwood Diamond Drilling  
**Survey Date:** 30-Dec-1899      **Drill Dates:** 22-Feb-10 to 24-Feb-10  
**Core Size:** HQ      **Geologist:** Bryan Muloin  
**Log Dates:** 24-Feb-10 to 03-Mar-08

**Target:** Exploration for Boulder FW east extension

**Comments:** First hole of 2010 - collared at downslope (southeast) edge of Sediment Pond - drillpad "D"

Lithology						Alteration				Mineralization				Structure								
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
0.00	31.70	31.70					0.00	31.70	CB		1											
0.00	31.70	31.70	OB		GRY	Mixed types of cobbles including grey andesite porphyry & green andesite with epidote veins, with inter-layered clay seams, bottom is 29.0m - 31.7m dark-grey clay & breccia fragments																
0.00	31.70	31.70										0.00	31.70	bx								
31.70	40.70	9.00	LT		GRY	aphanitic andesite, very few veins, limited porphyry with small 1mm white laths, albite?																
40.70	44.00	3.30					40.70	44.00	CB		3											
40.70	44.00	3.30	LT		GRY	aphanitic andesite, veins start, bleached lighter-grey as bands in unit, calcite in veins & bleached bands, some pyrite in occasional spots <1%																
43.80	44.90	1.10										43.80	44.90	vn	50	series of parallel albite veins <2cm @ 50° to core, some euheral quartz on median, pyrite < 1%						
44.00	49.80	5.80					44.00	49.80	CB		1											
44.00	49.80	5.80	LT		GRY	aphanitic andesite, calcite has almost gone excepting larger vein 2cm @ 30° to core at 48.3m with pyrite on margin of vein < 1%, at 43.8m - 44.9m zone of parallel veins <2cm some with medial quartz to euheral																
47.90	48.10	0.20										47.90	48.10	bx		possibly silica-flooded vein						
48.30	48.30	0.00										48.30	48.30	vn	30	some calcite in vein 2cm @ 30° to core						
49.80	68.60	18.80					49.80	68.60	SI		1											
49.80	68.60	18.80					49.80	68.60	CB		0											

Lithology							Alteration				Mineralization				Structure							
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
49.80	68.60	18.80	FP		GRY	porphyry andesite has lots of 20% - 30% small white lath-like to rounded phenocrysts, breccia zones & quartz-albite veins of low to moderate abundance in a complementary pattern																
49.80	50.50	0.70															49.80	50.50	bx			coarse angular breccia <4cm, possible xeno's in intrusive margin, large xenolith at 48.0m of 30cm is silica-flooded
55.00	55.60	0.60															55.00	55.60	bx			various size clasts 1cm - 5cm
61.00	65.00	4.00															61.00	65.00	vn	50		series of complementary quartz albite <7mm
61.00	65.00	4.00															61.00	65.00	vn	40		series of complementary quartz albite <7mm
68.60	135.60	67.00					68.60	135.60	CB		2											
68.60	135.60	67.00	BTm		MAR	As seen in other holes, banding is mostly absent from maroon tuffs though it is often present as a transition from the contact; here it is absent till bottom of unit where it develops slowly, also green alteration haloes as at 71.5m enclose veins or appear as dyke units, though not continuous, white lath phenocrysts dominate this unit too, veins are associated with dyking and seem to carry calcite in them. Banding visible 110.0-110.5m, 123.0-123.4m & 131.0-132.5m.																
68.60	69.00	0.40															68.60	69.00	flt	50		contact between LT & BTm, has light colored gritty gouge zone & very minor green mica as motes
69.00	76.60	7.60															69.00	76.60	bx			clasts vary in size to 6cm
71.30	71.80	0.50															71.30	71.80	vn	60		green halo on albite-quartz zoned veins with pyrite <1%
92.30	122.00	29.70															92.30	122.00	bx			clasts vary in size to 4cm
92.80	93.10	0.30															92.80	93.10	cn	70		green andesite dyke, abrupt ragged contacts in breccia zone
93.30	93.60	0.30															93.30	93.60	cn	70		green andesite dyke, abrupt ragged contacts in breccia zone
96.80	96.80	0.00															96.80	96.80	cn	70		porphyry dyke, grey, white lath phenocrysts to 2mm
97.70	97.90	0.20															97.70	97.90	cn	55		porphyry dyke, grey, white lath phenocrysts to 2mm

Lithology						Alteration				Mineralization				Structure								
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
102.50	103.20	0.70															102.50	103.20	cn	60		green andesite dyke, abrupt planar contacts is center of breccia zone has internal albite-quartz veins <1cm @ 30° to core
107.90	109.60	1.70															107.90	109.60	vn	60		series of parallel albite veins <4cm @ 60° to core
111.00	111.20	0.20															111.00	111.20	cn	55		porphyry dyke, grey, white lath phenocrysts to 2mm
123.10	123.50	0.40															123.10	123.50	bn	45		start of banding in BTm unit
131.40	132.70	1.30															131.40	132.70	bn	45		banding is transition to dyking
131.80	132.00	0.20															131.80	132.00	cn	45		contacts abrupt & planar to grey porphyry dyke
134.40	135.00	0.60															134.40	135.00	cn	60		contacts abrupt & planar to green aphanitic dyke
135.40	137.00	1.60															135.40	137.00	vn	15		series of parallel quartz-calcite veins <7mm
135.60	146.80	11.20					135.60	146.80	CB		2											
135.60	146.80	11.20	LT		GRY	grey with maroon tints, both aphanitic & porphyry zones present																
139.50	139.60	0.10															139.50	139.60	cn	70		contacts abrupt & planar, green porphyry andesite dyke
146.80	152.60	5.80					146.80	152.60	CB		2											
146.80	152.60	5.80	BTm		MAR	Maroon coloration is irregular, at 146.2m it can be seen as disappearing along solvent front as characteristic of zone																
152.50	152.70	0.20															152.50	152.70	sh	60		gougy broken shear
152.60	171.90	19.30					152.60	171.90	CB		0											
152.60	171.90	19.30	Va		GRN	Green-altered volcanic, with bleached-white gougy center zone 164.0m - 169.0m, has maroon zone 166.0m - 167.0m, very limited pyrite 167.4m with specs of blue chalcantinite-appearing material near by at 167.8m																
171.90	216.10	44.20					171.90	216.10	CB		1											
171.90	216.10	44.20	FP		MAR	Variable abundance of small 1mm lath-like white phenocrysts, calcite is absent to 181.0m then is sparsely present with veins that are of moderate frequency and tend to arcuate and choppy nature. Bleaching 181.0-181.5m (tan-green) and 191.3-192.7m (green). EOH at 216.1m																
173.80	174.00	0.20															173.80	174.00	vn	15		albite vein 8mm has pyrite near margins



Lithology						Alteration				Mineralization				Structure						
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	StyleDeg	From	To	Code	%	Comments	From	To	Code	CA	Comments
181.00	181.50	0.50														181.00	181.50	cn	60	green andesite with albite segment has maroon clasts in it
191.30	192.80	1.50														191.30	192.80	cn	70	green aphanitic andesite, has series of albite-quartz veins parallel at 70° with complements @ 15° to core both 1cm & less, calcite notably absent in halo to dyke too.
193.80	194.20	0.40														193.80	194.20	cn	70	green aphanitic andesite, albite vein 2cm, calcite notably absent in halo to dyke too.
200.00	200.30	0.30														200.00	200.30	vn	30	two parallel albite pyrite veins <1% <5mm have green halo to them
204.50	204.80	0.30														204.50	204.80	vn	40	albite vein 1cm has pyrite on median & green halo
210.70	212.80	2.10														210.70	212.80	cn	45	green aphanitic andesite, contacts ragged, has medial parallel quartz-albite veins <3cm, veins also in enclosing FP
213.50	213.70	0.20														213.50	213.70	cn	60	green aphanitic andesite, contacts ragged, has parallel quartz-albite veins <17mm, veins also in enclosing FP

## *Down Hole Surveys*

Hole No. **DM-10-047**

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<b>BHID</b>	<b>AT</b>	<b>BRG</b>	<b>DIP</b>	<b>TYPE</b>
DM-10-047				
	45.72	362.20	-52.40	Reflex
	91.44	362.00	-52.20	Reflex
	138.38	361.10	-52.10	Reflex
	216.10	359.40	-52.60	Reflex

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# Metal Mountain Resources

## Assays Per Hole

Grid-X: 653,680.84 Grud-Y: 6,068,762.92 Grid-Z: 1,248.94 Hole Number: DM-10-047

HOLE ID DM-10-047

FROM	TO	Length	SAMPLE	Au	Ag	Cu	ZN	PB	Wt	ROCKTYPE	Py%	CP%	SL%	GL%	VG	Intersect	LAB	CERT#	ExpVal	ISD-Au	Zscore	BAD	%DIFF
43.80	44.90	1.10	A061203	0.015	2.60				4.00	LT							ASSCAN	0S0004RA					
62.20	63.20	1.00	A061550	0.015	0.05				4.00	FP							ASSCAN	0S0009RA					
63.20	64.20	1.00	A061551	0.015	0.05				4.00	FP							ASSCAN	0S0009RA					
65.40	66.40	1.00	A061552	0.015	0.05				4.00	FP							ASSCAN	0S0009RA					
66.40	67.30	0.90	A061553	0.015	0.05				4.00	FP							ASSCAN	0S0009RA					
67.30	68.10	0.80	A061554	0.015	0.05				3.00	Va							ASSCAN	0S0009RA					
68.10	68.90	0.80	A061555	0.015	0.40				2.00	FT					0.2		ASSCAN	0S0009RA					
68.90	69.80	0.90	A061556	0.015	1.20				3.00	BTm							ASSCAN	0S0009RA					
68.90	69.80	0.90	A061557	0.015	0.40				0.80	Blank							ASSCAN	0S0009RA	0.015	0.050	0.00		0.00
69.80	70.30	0.50	A061558	0.015	0.50				2.00	BTm					0.1		ASSCAN	0S0009RA					
70.30	71.10	0.80	A061559	0.015	0.60				3.00	BTm							ASSCAN	0S0009RA					
71.10	71.80	0.70	A061204	0.015	0.90				3.00	BTm					0.2		ASSCAN	0S0004RA					
152.30	152.70	0.40	A061560	0.015	0.05				1.50	FT							ASSCAN	0S0009RA					
160.70	162.00	1.30	A061561	0.015	0.05				4.00	FT							ASSCAN	0S0009RA					
163.70	164.30	0.60	A061562	0.015	0.05				2.00	Va							ASSCAN	0S0009RA					
164.30	165.00	0.70	A061563	0.015	0.10				3.00	Va							ASSCAN	0S0009RA					
165.00	166.00	1.00	A061205	0.015	2.60				3.50	Va							ASSCAN	0S0004RA					
166.00	167.00	1.00	A061206	0.015	1.70				3.50	Va							ASSCAN	0S0004RA					
167.00	168.00	1.00	A061207	0.030	3.30				3.00	Va					0.2		ASSCAN	0S0004RA					
168.00	169.00	1.00	A061208	0.030	3.20				3.50	Va							ASSCAN	0S0004RA					
169.00	170.00	1.00	A061564	0.015	0.80				4.00	Va							ASSCAN	0S0009RA					
170.00	171.00	1.00	A061565	0.015	0.10				4.00	Va							ASSCAN	0S0009RA					
173.70	174.00	0.30	A061209	0.030	1.50				1.00	QV					0.2	HW	ASSCAN	0S0004RA					
200.00	200.30	0.30	A061210	0.030	3.40				1.00	FP					0.2		ASSCAN	0S0004RA					
204.50	204.80	0.30	A061211	0.015	2.50				1.50	FP					0.2		ASSCAN	0S0004RA					
204.50	204.80	0.30	A061212	8.570	4.30				0.10	GS-8A							ASSCAN	0S0004RA	8.250	0.300	1.07		3.88
211.00	211.90	0.90	A061566	0.015	2.00				3.00	FP							ASSCAN	0S0009RA					
211.90	212.90	1.00	A061567	0.015	0.05				4.00	FP							ASSCAN	0S0009RA					

Count: 28

# Metal Mountain Resourc

## ICP data by hole

BHID: DM-10-047

Hole Name DM-10-047

Cert#	FROM	TO ROCKTYPE	Sample	Ag-ppm	Al-%	As-ppm	Ba-ppm	Bi-ppm	Ca-%	Cd-ppm	Co-ppm	Cr-ppm	Cu-ppm	Fe-%	Ga-ppm	K-%	La-ppm	Li-ppm	Mg-%
OS0009RR	62.20	63.20 FP	A061550	0.5	8.730	11	168	2.5	2.040	1.0	28.0	18.0	21.0	4.760	28.0	0.150	5	58.0	1.720
OS0009RR	63.20	64.20 FP	A061551	0.5	8.420	16	154	2.5	1.780	2.0	28.0	19.0	30.0	5.070	25.0	0.140	5	57.0	1.640
OS0009RR	65.40	66.40 FP	A061552	1.0	6.520	5	85	2.5	1.510	0.5	14.0	42.0	25.0	2.660	19.0	0.110	10	19.0	1.000
OS0009RR	66.40	67.30 FP	A061553	1.0	7.510	5	90	2.5	1.190	0.5	16.0	37.0	29.0	3.070	24.0	0.130	11	27.0	0.940
OS0009RR	67.30	68.10 Va	A061554	0.5	7.200	5	80	2.5	1.950	0.5	14.0	28.0	21.0	2.350	17.0	0.100	11	14.0	0.910
OS0009RR	68.10	68.90 FT	A061555	0.5	7.190	5	142	6.0	2.510	1.0	21.0	41.0	15.0	3.480	21.0	0.250	10	32.0	1.250
OS0009RR	68.90	69.80 Blank	A061557	0.5	0.060	5	14	2.5	25.000	0.5	0.5	4.0	0.5	0.100	9.0	0.010	5	0.5	3.070
OS0009RR	68.90	69.80 BTm	A061556	0.5	8.500	5	508	2.5	4.620	2.0	31.0	13.0	1.0	5.810	31.0	1.380	5	44.0	2.270
OS0009RR	69.80	70.30 BTm	A061558	0.5	8.740	5	589	2.5	4.130	2.0	37.0	14.0	16.0	5.880	33.0	1.620	5	29.0	2.170
OS0009RR	70.30	71.10 BTm	A061559	0.5	9.180	5	498	2.5	3.720	3.0	43.0	13.0	4.0	7.140	32.0	0.990	5	35.0	2.490
OS0009RR	152.30	152.70 FT	A061560	0.5	10.920	5	1310	2.5	0.310	2.0	38.0	12.0	34.0	6.740	34.0	2.870	5	21.0	2.570
OS0009RR	160.70	162.00 FT	A061561	0.5	10.750	12	2204	2.5	0.520	0.5	33.0	14.0	44.0	5.500	28.0	1.260	5	18.0	1.650
OS0009RR	163.70	164.30 Va	A061562	0.5	11.210	16	1952	2.5	1.510	2.0	41.0	16.0	41.0	8.100	40.0	1.930	5	54.0	1.140
OS0009RR	164.30	165.00 Va	A061563	1.0	11.160	5	661	2.5	0.790	5.0	50.0	15.0	25.0	11.160	39.0	1.370	10	45.0	0.850
OS0009RR	169.00	170.00 Va	A061564	0.5	10.240	5	1900	2.5	0.570	0.5	35.0	16.0	267.0	5.770	30.0	1.210	5	14.0	1.220
OS0009RR	170.00	171.00 Va	A061565	0.5	10.030	5	1980	2.5	1.690	2.0	37.0	15.0	30.0	6.480	30.0	1.790	5	11.0	1.170
OS0009RR	211.00	211.90 FP	A061566	0.5	9.480	5	593	2.5	2.590	2.0	35.0	15.0	8.0	6.230	34.0	1.090	5	25.0	3.350
OS0009RR	211.90	212.90 FP	A061567	0.5	11.860	5	1064	2.5	2.040	0.5	36.0	13.0	1.0	5.370	39.0	3.110	5	16.0	2.670

Count: 18

# Metal Mountain Resourc

## Assayers Canda-ICP import file with sample data

BHID: DM-10-047

Hole Name DM-10-047

Cert#	FROM	TO	ROCKTYPE	Sample	Mn-ppm	Mo-ppm	Na-%	Nb-ppm	Ni-ppm	Pb-ppm	S-%	Sb-ppm	Sc-ppm	Sn-ppm	Sr-ppm	Ta-ppm	Te-ppm	Ti-%	V-ppm	W-ppm	Y-ppm	Zn-ppm	Zr-ppm
0S0009RR	62.20	63.20	FP	A061550	1058	1	5.620	5	4	1	0.060	2.5	16.0	5	254.0	2.5	15	0.320	170.0	5	11.0	69.0	55.0
0S0009RR	63.20	64.20	FP	A061551	1012	1	5.410	5	7	1	0.100	2.5	21.0	5	239.0	2.5	14	0.320	175.0	5	11.0	82.0	54.0
0S0009RR	65.40	66.40	FP	A061552	869	1	4.650	5	5	1	0.120	2.5	11.0	5	165.0	2.5	5	0.240	64.0	5	14.0	42.0	118.0
0S0009RR	66.40	67.30	FP	A061553	725	2	5.340	5	3	1	0.030	2.5	13.0	5	134.0	2.5	5	0.260	79.0	5	16.0	57.0	139.0
0S0009RR	67.30	68.10	Va	A061554	667	2	5.320	5	4	1	0.050	2.5	12.0	5	184.0	2.5	5	0.260	66.0	5	15.0	43.0	127.0
0S0009RR	68.10	68.90	FT	A061555	753	1	4.490	5	16	1	0.070	2.5	16.0	5	361.0	15.0	11	0.280	90.0	5	15.0	76.0	112.0
0S0009RR	68.90	69.80	Blank	A061557	52	5	0.030	5	11	24	0.900	2.5	0.5	31	5019.0	8.0	5	0.005	2.0	5	0.5	0.0	0.0
0S0009RR	68.90	69.80	BTm	A061556	1486	2	3.970	5	10	1	0.090	5.0	23.0	5	515.0	2.5	18	0.350	218.0	5	10.0	65.0	28.0
0S0009RR	69.80	70.30	BTm	A061558	1573	2	4.000	5	5	1	0.290	6.0	22.0	5	508.0	2.5	21	0.390	248.0	5	10.0	74.0	37.0
0S0009RR	70.30	71.10	BTm	A061559	1758	1	4.670	5	4	1	0.110	6.0	25.0	5	527.0	2.5	20	0.380	277.0	5	10.0	84.0	29.0
0S0009RR	152.30	152.70	FT	A061560	813	1	2.160	5	2	1	0.005	5.0	29.0	5	127.0	2.5	21	0.450	245.0	18	8.0	103.0	31.0
0S0009RR	160.70	162.00	FT	A061561	1376	1	4.160	5	6	1	0.210	2.5	27.0	5	182.0	2.5	16	0.420	212.0	18	12.0	158.0	58.0
0S0009RR	163.70	164.30	Va	A061562	3633	1	0.450	5	8	1	0.210	39.0	32.0	5	78.0	2.5	19	0.470	229.0	14	14.0	416.0	48.0
0S0009RR	164.30	165.00	Va	A061563	7449	1	0.680	11	10	1	0.040	26.0	35.0	5	80.0	2.5	24	0.430	226.0	18	27.0	432.0	40.0
0S0009RR	169.00	170.00	Va	A061564	1996	1	3.790	5	4	1	0.280	2.5	27.0	5	209.0	2.5	16	0.390	216.0	11	13.0	293.0	50.0
0S0009RR	170.00	171.00	Va	A061565	2271	1	2.850	5	4	1	0.600	2.5	24.0	5	311.0	2.5	15	0.380	210.0	5	12.0	165.0	45.0
0S0009RR	211.00	211.90	FP	A061566	2508	1	3.830	5	4	1	0.270	2.5	22.0	5	257.0	2.5	14	0.370	193.0	5	8.0	140.0	51.0
0S0009RR	211.90	212.90	FP	A061567	1297	1	2.990	5	7	1	0.040	2.5	29.0	5	162.0	2.5	16	0.460	253.0	5	10.0	99.0	71.0

Count: 18



# Drill Hole Log

## Dome Mountain Project Database

Hole Number: **DM-10-048**

**Grid-X:** 653,741.90      **Brg:** 360.00      **Ovb:** 25.00      **Surveyor:** 0      **Drill:** Driftwood Diamond Drilling  
**Grid-Y:** 6,068,823.99      **Dip:** -45.00      **Casing:** 12.20      **Survey Date:** 30-Dec-1899      **Drill Dates:** 24-Feb-10      **to**      25-Feb-10  
**Grid-Z:** 1,242.02      **Depth:** 138.40      **Recover Casing:** HQ      **Core Size:** HQ      **Geologist:** Bryan Muloin  
**NTS:** 93L 077      **Claim:** 0      **Area:** 0      **Log Dates:** 25-Feb-10      **to**      27-Feb-10  
**Target:** Exploration for Boulder FW Vein east extension      **Comments:** Collared at downslope (east) edge of Sediment Pond - drillpad "E"

Lithology						Alteration				Mineralization				Structure								
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
0.00	25.00	25.00					0.00	25.00	CB		1											
0.00	25.00	25.00	<b>OB</b>		BRN	Mixed cobble types including BTm & green andesite with clay seams																
25.00	43.00	18.00					25.00	43.00	SI		2											
25.00	43.00	18.00					25.00	43.00	CB		1											
25.00	43.00	18.00	<b>V/S</b>		GRY	aphanitic andesite, calcite present to 37.5m, pyrite present as fine specs in arenaceous-texture bands <2cm wide, & <1%. Local convoluted bedding and slump texture. Possible shell fragments 33.5-35.0m. Paler/silicified 37.3-39.8m.																
27.60	30.00	2.40										27.60	30.00	bn	40	occasional arenaceous-texture bands to 4cm with fine pyrite <1%						
29.10	29.30	0.20										29.10	29.30	bd	50							
33.00	34.10	1.10										33.00	34.10	vn	30	series of parallel & complementary @ 50° albite calcite veins <5mm						
35.00	37.00	2.00										35.00	37.00	vn	40	series of parallel calcite veins <4cm with sooty black graphite or manganese facings with minor pyrite						
40.70	41.40	0.70										40.70	41.40	bx		clasts angular to 3cm						
43.00	64.00	21.00					43.00	64.00	CB		0											
43.00	64.00	21.00	<b>FP</b>		G-G	porphyry andesite; variable abundance of small 1mm white phenocrysts 20% - 30%, subdued breccia texture from 52.0m down hole on, few veins in unit though they appear to be in parallel & complementary orientation. Tan-bleached section 48.1-48.4m.																

Lithology						Alteration				Mineralization				Structure								
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
48.10	48.40	0.30																48.10	48.40	vn	55	bleached zone, silica flooded, vuggy thin median has fine pyrite in vugs, contacts irregular, brecciated
50.60	52.00	1.40																50.60	52.00	vn	40	cherty bleached silica flooded vein, abrupt contacts
51.30	51.50	0.20																51.30	51.50	vn	80	fine dispersed pyrite in arenaceous texture zone, abundant phenocrysts?
52.00	64.50	12.50																52.00	64.50	bx		subdued clast to matrix contrast in breccia, clasts angular to 2cm
57.40	57.50	0.10																57.40	57.50	vn	40	cherty bleached silica-flooded vein 8cm, abrupt contacts has associated graphite-black veins <1cm @ parallel to core
64.00	78.80	14.80					64.00	78.80	CB		0											
64.00	78.80	14.80					64.00	78.80	SI		2											
64.00	78.80	14.80	FP		BLE	silica flooded sections, with remnants of green-altered feldspar porphyry as xenoliths, in size 0.3 to 0.8 meters, contacts vary from abrupt to selectively-digested, center of veining appears to be 67.8m - 68.6m, at 76.9m & 78.4m quartz veins 7mm parallel to other veins as well @ 30° to core have only calcite in unit. Bleached sections 64.1-68.6m (tan) & 76.0-78.8m (gray-patchy). 78.4m to 78.8m zone with minor bright-green elongated specs <1mm dispersed through it																
67.80	68.60	0.80																67.80	68.60	vn	35	cherty, vuggy, with coarse albite globules looks like source passage of silica-flooding, some pyrite
74.00	74.50	0.50																74.00	74.50	vn	50	quartz with black partings, along which pyrite is plated
78.80	117.80	39.00					78.80	117.80	CB		1											
78.80	117.80	39.00	BTm		MAR	starts up hole as laminar, changes to aphanitic and breccia zones with green altered zones																
78.80	79.10	0.30																78.80	79.10	bn	55	coarse granular, sheared pattern
79.60	79.90	0.30																79.60	79.90	vn	60	quartz-flooded, contacts irregular, has internal quartz veinlets as tension release pattern radiating from margin, some show zoning

Lithology						Alteration				Mineralization				Structure								
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
82.90	83.90	1.00										82.90	83.90									green-altered zone
87.20	87.60	0.40										87.20	87.60	cn	55							green-altered zone
88.00	97.00	9.00										88.00	97.00	bx	50							angular to rounded clasts <2cm possible lapilli zone
91.10	91.90	0.80										91.10	91.90		45							green-altered zone
97.30	97.60	0.30										97.30	97.60	vn	50							quartz zoned pyrite vein 1cm @ 97.5m has green alteration zone
98.00	99.00	1.00										98.00	99.00	bn	70							weak banding
100.00	110.60	10.60										100.00	110.60	bx	60							subangular to rounded clasts, some elongation to banded
111.80	112.20	0.40										111.80	112.20	cn	45							FP dyke has abrupt contacts, large <2mm white phenocrysts
117.80	118.70	0.90					117.80	118.70	CB		0											
117.80	118.70	0.90	FP		MAR	color change to more purple & fine phenocrysts <1mm with abrupt contacts @ 70° identify this intrusive?																
117.80	118.70	0.90										117.80	118.70	cn	75							FP dyke has abrupt contacts, small <1mm white phenocrysts
118.70	119.40	0.70					118.70	119.40	CB		0											
118.70	119.40	0.70	Va		GRN	aphanitic andesite, uniformly green-altered																
118.70	119.40	0.70										118.70	119.40	cn	70							green-altered zone, is dyke- like medial partition, color/chill marginied, internal radial tension fractures
119.40	120.80	1.40					119.40	120.80	CB		0											
119.40	120.80	1.40					119.40	120.80	SI		3											
119.40	120.80	1.40	FP		M-G	remnant of FP porphyry, porous transition to Va																
119.40	120.80	1.40										119.40	120.80	fol	60							unit is transitional between FP & Va, has vesicular / vuggy fracture nature
120.80	121.40	0.60					120.80	121.40	CB		0											
120.80	121.40	0.60	Va		GRN	aphanitic speckled with dispersed pyrite																
121.40	122.40	1.00					121.40	122.40	SI		2											
121.40	122.40	1.00					121.40	122.40	CB		1											
121.40	122.40	1.00	QV		BLK	black aphanitic breccia clasts 1cm 70% in matrix quartz-calcite veins; the remains of quartz vein centers at 122.0m is ground to <3cm clasts one of which is 50% pyrite																
122.40	123.00	0.60					122.40	123.00	CB		0											
122.40	123.00	0.60	Va		GRN	aphanitic with fine speckles black & some pyrite																



Lithology							Alteration				Mineralization				Structure					
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	StyleDeg	From	To	Code	%	Comments	From	To	Code	CA	Comments
123.00	126.00	3.00					123.00	126.00	CB	0										
123.00	126.00	3.00	FP		MAR	this is color variant of fine granular FP														
126.00	138.40	12.40					126.00	138.40	CB	1										
126.00	138.40	12.40	FP		GRN	maroon lenses are present in gradational contact @ 131.1m - 132.8m & 134.1m - 134.4m, wide spaced quartz-calcite veins <1cm develop frequent arched shape. Pale-green bleached section 126.5-128.0m. EOH at 138.4														

## *Down Hole Surveys*

Hole No. **DM-10-048**

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<b>BHID</b>	<b>AT</b>	<b>BRG</b>	<b>DIP</b>	<b>TYPE</b>
DM-10-048				
	0.00	360.00	-45.00	Collar
	45.72	358.60	-46.80	Reflex
	91.44	358.00	-47.20	Reflex
	137.16	356.50	-48.40	Reflex

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# Metal Mountain Resources

## Assays Per Hole

Grid-X: 653,741.90 Grid-Y: 6,068,823.99 Grid-Z: 1,242.02 Hole Number: DM-10-048

HOLE ID DM-10-048

FROM	TO	Length	SAMPLE	Au	Ag	Cu	ZN	PB	Wt	ROCKTYPE	Py%	CP%	SL%	GL%	VG	Intersect	LAB	CERT#	ExpVal	ISD-Au	Zscore	BAD	%DIFF
27.90	29.00	1.10	A061213	0.015	0.05				4.00	LT							ASSCAN	0S0004RA					
29.00	30.00	1.00	A061214	0.015	0.05				3.50	LT							ASSCAN	0S0004RA					
35.00	36.00	1.00	A061215	0.015	0.50				3.50	LT							ASSCAN	0S0004RA					
36.00	37.00	1.00	A061216	0.015	0.05				3.00	LT							ASSCAN	0S0004RA					
37.00	38.00	1.00	A061542	0.015	0.60				3.00	V/S					1		ASSCAN	0S0009RA					
38.00	39.00	1.00	A061543	0.015	0.05				4.00	V/S					1		ASSCAN	0S0009RA					
39.00	40.00	1.00	A061544	0.070	0.10				4.00	V/S					1		ASSCAN	0S0009RA					
48.10	48.40	0.30	A061217	0.015	0.05				1.00	FP							ASSCAN	0S0004RA					
51.20	51.50	0.30	A061218	0.015	0.05				1.00	FP					1		ASSCAN	0S0004RA					
67.80	68.60	0.80	A061219	0.015	0.05				2.00	FP							ASSCAN	0S0004RA					
73.10	74.00	0.90	A061545	0.015	0.20				3.00	FP							ASSCAN	0S0009RA					
73.10	74.00	0.90	A061546	8.770	2.40				0.10	GS-8A							ASSCAN	0S0009RA	8.250	0.300	1.73		6.30
74.00	74.50	0.50	A061220	0.030	0.10				1.50	FP					0.2		ASSCAN	0S0004RA					
74.50	75.50	1.00	A061547	0.015	0.10				3.50	FP							ASSCAN	0S0009RA					
75.50	76.60	1.10	A061548	0.015	0.50				3.00	FP							ASSCAN	0S0009RA					
76.60	77.80	1.20	A061549	0.015	0.50				4.00	Va							ASSCAN	0S0009RA					
97.30	97.60	0.30	A061221	0.015	0.05				1.00	BTm					0.2		ASSCAN	0S0004RA					
118.70	119.40	0.70	A061222	0.015	0.80				2.50	Va					0.1		ASSCAN	0S0004RA					
119.40	120.10	0.70	A061223	0.015	0.10				2.00	FP					0.2		ASSCAN	0S0004RA					
120.10	120.80	0.70	A061224	0.015	1.00				2.50	Va					0.2		ASSCAN	0S0004RA					
120.10	120.80	0.70	A061225	0.015	0.40				0.50	Blank							ASSCAN	0S0004RA	0.015	0.050	0.00		0.00
120.80	121.40	0.60	A061226	0.030	0.05				1.00	Va					1		ASSCAN	0S0004RA					
121.40	121.80	0.40	A061227	0.130	0.50				1.00	Vas					0.2		ASSCAN	0S0004RA					
121.80	123.00	1.20	A061228	2.870	6.30				3.00	Vas					5		ASSCAN	0S0004RA					
																BFW	ASSCAN	0S0004RA					

Count: 24

# Metal Mountain Resourc

## ICP data by hole

BHID: DM-10-048

Hole Name DM-10-048

Cert#	FROM	TO ROCKTYPE	Sample	Ag-ppm	Al-%	As-ppm	Ba-ppm	Bi-ppm	Ca-%	Cd-ppm	Co-ppm	Cr-ppm	Cu-ppm	Fe-%	Ga-ppm	K-%	La-ppm	Li-ppm	Mg-%
0S0009RR	37.00	38.00 V/S	A061542	0.5	7.300	5	262	2.5	3.640	2.0	26.0	29.0	39.0	4.570	32.0	0.690	10	7.0	1.040
0S0009RR	38.00	39.00 V/S	A061543	0.5	6.020	5	288	2.5	4.070	3.0	15.0	17.0	31.0	3.830	20.0	0.830	5	10.0	0.940
0S0009RR	39.00	40.00 V/S	A061544	0.5	6.600	5	177	2.5	3.880	3.0	28.0	34.0	41.0	5.730	33.0	0.430	11	29.0	1.510
0S0009RR	73.10	74.00 GS-8A	A061546	2.0	3.770	9902	344	10.0	2.270	2.0	27.0	55.0	115.0	4.170	18.0	1.130	10	8.0	0.850
0S0009RR	73.10	74.00 FP	A061545	0.5	7.840	5	69	2.5	0.890	0.5	15.0	21.0	23.0	2.640	22.0	0.090	13	36.0	0.800
0S0009RR	74.50	75.50 FP	A061547	0.5	7.790	22	80	2.5	1.590	0.5	16.0	20.0	21.0	3.120	24.0	0.110	11	42.0	1.050
0S0009RR	75.50	76.60 FP	A061548	0.5	7.740	5	105	2.5	3.200	0.5	17.0	19.0	18.0	3.020	23.0	0.150	11	21.0	1.120
0S0009RR	76.60	77.80 Va	A061549	0.5	6.670	5	134	2.5	4.940	0.5	17.0	28.0	24.0	2.720	18.0	0.200	10	27.0	1.120

Count: 8

# Metal Mountain Resourc

## Assayers Canda-ICP import file with sample data

BHID: DM-10-048

Hole Name DM-10-048

Cert#	FROM	TO ROCKTYPE	Sample	Mn-ppm	Mo-ppm	Na-%	Nb-ppm	Ni-ppm	Pb-ppm	S-%	Sb-ppm	Sc-ppm	Sn-ppm	Sr-ppm	Ta-ppm	Te-ppm	Ti-%	V-ppm	W-ppm	Y-ppm	Zn-ppm	Zr-ppm	
0S0009RR	37.00	38.00	V/S	A061542	1366	1	3.770	5	9	1	0.130	2.5	23.0	5	125.0	2.5	18	0.450	119.0	5	16.0	77.0	74.0
0S0009RR	38.00	39.00	V/S	A061543	1717	1	2.750	5	6	1	0.130	2.5	19.0	5	117.0	2.5	5	0.140	52.0	5	12.0	174.0	37.0
0S0009RR	39.00	40.00	V/S	A061544	1319	1	2.790	5	9	1	0.100	2.5	21.0	5	109.0	2.5	19	0.370	118.0	5	14.0	92.0	60.0
0S0009RR	73.10	74.00	GS-8A	A061546	609	24	0.890	5	52	814	1.020	6.0	10.0	5	109.0	8.0	12	0.170	96.0	5	8.0	238.0	57.0
0S0009RR	73.10	74.00	FP	A061545	512	1	5.950	5	2	1	0.110	2.5	12.0	5	128.0	7.0	5	0.290	78.0	5	13.0	65.0	109.0
0S0009RR	74.50	75.50	FP	A061547	791	1	5.660	5	4	5	0.030	2.5	13.0	5	176.0	2.5	5	0.270	86.0	5	19.0	53.0	133.0
0S0009RR	75.50	76.60	FP	A061548	834	2	5.600	5	4	1	0.070	2.5	13.0	5	205.0	2.5	10	0.280	99.0	5	20.0	47.0	115.0
0S0009RR	76.60	77.80	Va	A061549	1006	2	4.890	5	7	1	0.110	2.5	13.0	5	294.0	2.5	5	0.270	93.0	5	15.0	50.0	71.0

Count: 8



Drill Hole Log

Hole Number: DM-10-049

**Grid-X:** 653,742.68      **Brg:** 360.00      **Ovb:** 25.30      **Surveyor:** 0      **Drill:** Driftwood Diamond Drilling  
**Grid-Y:** 6,068,815.38      **Dip:** -61.00      **Casing:** 12.20      **Survey Date:** 30-Dec-1899      **Drill Dates:** 26-Feb-10 to 27-Feb-10  
**Grid-Z:** 1,242.44      **Depth:** 184.00      **Recover Casing:** HQ      **Core Size:** HQ      **Geologist:** Bryan Muloin  
**NTS:** 93L 077      **Claim:** 0      **Area:** 0      **Log Dates:** 27-Feb-10 to 01-Mar-10  
**Target:** Exploration for east extension of Boulder FW vein      **Comments:** Collared at downslope (east) edge of Sediment Pond - drillpad "E"

Lithology						Alteration				Mineralization				Structure								
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
0.00	25.30	25.30	OB			mixed clasts of various rock types & clay seams																
25.30	44.00	18.70					25.30	44.00	SI		3											
25.30	44.00	18.70					25.30	44.00	CB		2											
25.30	44.00	18.70	V/S		BLK	fine grained, mostly limited veining, quartz calcite veins occur in parallel in swarms, some cleavage surfaces have graphite minor pyrite. Pale/silicified sections 28.5-31.7m & 41.5-42.7m.																
25.80	26.20	0.40										25.80	26.20	bd	50							fine- to medium-bedded black black mudstone and grey tuffaceous siltstone
38.30	42.00	3.70										38.30	42.00	Vn	40							series of parallel, some with complements, albite calcite veins <5mm
44.00	47.20	3.20					44.00	47.20	SI		2											
44.00	47.20	3.20					44.00	47.20	CB		1											
44.00	47.20	3.20	DT		GRY	some silica bleaching decrease in calcite & limited graphite on fractures in this transitional zone with downhole contact arbitrarily a shear with parallel shears																
46.90	47.20	0.30										46.90	47.20	sh	25							parallel series of shears degress into parallel series of veins with complements distally
47.20	74.10	26.90					47.20	74.10	CB		0											
47.20	74.10	26.90					47.20	74.10	SI		2											

Lithology							Alteration				Mineralization				Structure								
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments		
47.20	74.10	26.90	FP		G-G	coarser white phenocrysts 2mm through segment, bleached silica rich in several zones (tan-bleached section 73.0-74.1m), small amygdules in patch, small zones develop breccia texture,																	
63.50	64.00	0.50										63.50	64.00	Vn	50	bleached silica rich zone irregular margins, inclusion shows orientation							
65.70	67.00	1.30										65.70	67.00	Vn	60	zone of several bleached silica rich zones with irregular margins, inclusion shows orientation							
70.00	70.50	0.50										70.00	70.50	fol	40	elongated amygdular like zone 5mm possibly phenocrysts as some are lath like							
72.00	74.00	2.00										72.00	74.00	Vn	40	zone of several bleached silica rich zones with irregular margins, inclusion shows orientation							
74.10	92.60	18.50					74.10	92.60	SI		1												
74.10	92.60	18.50					74.10	92.60	CB		2												
74.10	92.60	18.50	Va		GRN	aphanitic green altered andesite has calcite in limited number of veins, is characteristic of zone near quartz vein as looks silica altered, includes several maroon breccia or banded zones & FP dykes																	
77.70	78.70	1.00										77.70	78.70	bn	45	BTm segment, breccia clasts to 8cm are angular with smaller clasts to rounded							
79.50	80.70	1.20										79.50	80.70	bn	50	BTm segment, breccia clasts to 7cm are angular with smaller clasts to rounded							
85.00	86.60	1.60										85.00	86.60	bn	50	BTm segment, weak banding							
87.50	88.10	0.60										87.50	88.10	bx	70	BTm segment, coarse angular clastic 5cm, most clasts have small 1mm white phenocrysts, abrupt contacts & margins of maroon FP suggest dyke							
88.20	88.60	0.40										88.20	88.60	Vn	70	series of parallel & complementary albite calcite veins 1mm & 5mm, vein pattern suggests this green aphanitic unit might be the dyke as contacts are abrupt to FP							

Lithology						Alteration				Mineralization				Structure								
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
88.20	88.60	0.40															88.20	88.60	Vn	15	series of parallel & complementary albite calcite veins 1mm & 5mm, vein pattern suggests this green aphanitic unit might be the dyke as contacts are abrupt to FP	
89.60	90.50	0.90															89.60	90.50	cn	70	up hole contact though abrupt is breccia clasts, down hole contact is abrupt planar, segment is maroon tinted FP, complementary albite calcite veins with high - low angles continue in this unit	
90.90	91.60	0.70															90.90	91.60	cn	75	FP is maroon tinted, up & down hole contacts abrupt & continue the complementary high low angle vein pattern in this unit, this vein pattern was not so well developed in upper parts of this litho unit	
92.60	107.40	14.80					92.60	107.40	CB		1											
92.60	107.40	14.80	BTm		MAR	breccia clasts without alignment through most of unit, calcite in veins to 99m then calcite ends																
96.50	104.70	8.20															96.50	104.70	Vn	30	series of parallel quartz albite veins 1cm weak zoning in vein with albite tending to margins	
107.40	108.20	0.80					107.40	108.20	CB		1											
107.40	108.20	0.80	Va		BLE	nice vein alteration: with pink breccia & green mica <1% to 107.6m, weak Vas as s stringy texture starting near series of albite quartz pyrite veins 5, 5, 15, & 25mm to 107.9m, then back to pink Va to 108.2m, calcite is weak @ downhole end of unit																
107.60	107.80	0.20															107.60	107.80	Vn	50	series of parallel quartz albite veins with pyrite in well developed alteration zone	
108.20	130.80	22.60					108.20	130.80	CB		2											
108.20	130.80	22.60	FP		MAR	phenocrysts are small 1mm or less, they seem to occur in smaller patches towards down hole end of unit for last two meters, veins in unit have decreasing pattern down hole to 113m of corroded margins & pinkish off color zones in from margins as though they are weaker expressions of the above alteration pattern																



Lithology						Alteration				Mineralization				Structure								
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
112.10	112.40	0.30															112.10	112.40	Vn	25	calcite albite vein 2cm, in unit of few veins, appears to be one of continuing high angle 65° & low angle 15° compliments	
122.00	122.10	0.10															122.00	122.10	Vn	60	calcite vein 10cm, in unit of few veins, one of continuing high angle & low angle compliments	
124.40	124.40	0.00															124.40	124.40	Vn	45	calcite chlorite pyrite vein has small pinkish halo as veins at start of unit	
127.80	128.00	0.20															127.80	128.00	Vn	55	group of pink halo veins with pyrite	
130.60	131.40	0.80															130.60	131.40	Vn	50	series of complimentary veins, one low angle appears to carry chalcopyrite & pyrite	
130.60	131.40	0.80															130.60	131.40	Vn	10	series of complimentary veins, one low angle appears to carry chalcopyrite & pyrite	
130.80	141.10	10.30					130.80	141.10	SI		1											
130.80	141.10	10.30					130.80	141.10	CB		1											
130.80	141.10	10.30	<b>Va</b>		GRN	aphanitic green altered andesite has calcite in limited number of veins up hole from 136.5m, is characteristic of zone near quartz vein as looks silica altered,																
135.60	137.00	1.40															135.60	137.00	sh	60	series of gougy shears	
139.40	141.20	1.80															139.40	141.20	Vn	55	alteration zone around albite quartz pyrite vein at 140.2m	
141.10	143.30	2.20					141.10	143.30	CB		1											
141.10	143.30	2.20	<b>FP</b>		MAR	small phenocrysts are 1mm or less																
143.30	144.20	0.90					143.30	144.20	CB		0											
143.30	144.20	0.90	<b>Va</b>		BLE	vein alteration: pink - green to 143.6m, albite quartz pyrite vein 3cm @ 45° to core then back to pink & green Va to 144.2m, no calcite																
143.30	144.20	0.90															143.30	144.20	Vn	45	alteration zone around albite quartz pyrite vein at 143.7m	
144.20	145.60	1.40					144.20	145.60	CB		0											
144.20	145.60	1.40	<b>FP</b>		MAR	phenocrysts 1mm or less, broken porous core																
145.60	146.85	1.25	<b>NC</b>			1.25m lost																
146.85	154.45	7.60					146.85	154.45	CB		0											
146.85	154.45	7.60	<b>FP</b>		MAR																	
154.45	154.90	0.45	<b>Va</b>		BLE																	

Lithology						Alteration				Mineralization				Structure								
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
154.90	155.30	0.40	FP		MAR																	
155.30	158.10	2.80	NC			2.8 meters lost																
158.10	160.30	2.20					158.10	160.30	CB		0											
158.10	160.30	2.20	FP		MAR	phenocrysts 1mm or less, broken vuggy core																
160.30	161.70	1.40	NC			1.4 meters lost																
161.70	163.90	2.20					161.70	163.90	CB		0											
161.70	163.90	2.20	FP		MAR	phenocrysts 1mm or less, broken porous core																
163.90	164.80	0.90	NC			0.9m core lost																
164.80	166.00	1.20					164.80	166.00	CB		0											
164.80	166.00	1.20	FP		MAR																	
166.00	167.20	1.20	NC			1.2 meters lost																
167.20	168.60	1.40					167.20	168.60	CB		0											
167.20	168.60	1.40	Va		GRN	aphanitic green alteration zone																
168.60	170.50	1.90					168.60	170.50	CB		0											
168.60	170.50	1.90	FP		MAR	coarser white phenocrysts 2mm altered green in several zones																
170.50	171.50	1.00	NC			one metre core lost																
171.50	174.00	2.50					171.50	174.00	CB		0											
171.50	174.00	2.50	FP		MAR																	
174.00	174.50	0.50	NC			0.5 meters lost, gouge zone																
174.50	184.00	9.50					174.50	184.00	CB		0											
174.50	184.00	9.50	FP		MAR	EOH at 184m																

## *Down Hole Surveys*

Hole No. **DM-10-049**

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<b>BHID</b>	<b>AT</b>	<b>BRG</b>	<b>DIP</b>	<b>TYPE</b>
DM-10-049				
	0.00	360.00	-61.00	Collar
	45.72	365.20	-59.60	Reflex
	91.44	368.30	-59.30	Reflex
	137.16	368.00	-59.10	Reflex
	182.88	369.80	-59.40	Reflex

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# Metal Mountain Resources

## Assays Per Hole

Grid-X: 653,742.68 Grud-Y: 6,068,815.38 Grid-Z: 1,242.44 Hole Number: DM-10-049

HOLE ID DM-10-049

FROM	TO	Length	SAMPLE	Au	Ag	Cu	ZN	PB	Wt	ROCKTYPE	Py%	CP%	SL%	GL%	VG	Intersect	LAB	CERT#	ExpVal	ISD-Au	Zscore	BAD	%DIFF
28.50	29.60	1.10	A061523	0.015	0.05				3.50	V/S							ASSCAN	0S0009RA					
29.60	30.60	1.00	A061524	0.015	0.10				4.00	V/S							ASSCAN	0S0009RA					
29.60	30.60	1.00	A061525	11.130	1.70				0.10	GS-11A							ASSCAN	0S0009RA	11.210	0.435	-0.18		-0.71
30.60	31.00	0.40	A061230	0.015	0.05				1.00	V/S							ASSCAN	0S0004RA					
31.00	31.70	0.70	A061526	0.030	0.05				3.00	V/S							ASSCAN	0S0009RA					
41.50	42.30	0.80	A061527	0.015	0.05				3.00	V/S							ASSCAN	0S0009RA					
42.30	42.90	0.60	A061528	0.015	1.70				2.00	V/S							ASSCAN	0S0009RA					
42.90	43.60	0.70	A061529	0.015	0.90				2.00	V/S							ASSCAN	0S0009RA					
43.60	44.00	0.40	A061530	0.015	0.30				1.50	V/S							ASSCAN	0S0009RA					
44.00	44.60	0.60	A061531	0.030	0.05				2.00	DT							ASSCAN	0S0009RA					
54.10	54.90	0.80	A061532	0.015	0.05				2.50	FP			2				ASSCAN	0S0009RA					
54.90	55.70	0.80	A061533	0.015	0.05				3.00	FP							ASSCAN	0S0009RA					
73.10	74.10	1.00	A061534	0.015	0.10				4.00	FP							ASSCAN	0S0009RA					
74.10	75.00	0.90	A061535	0.015	0.50				3.00	Va			0.5				ASSCAN	0S0009RA					
74.10	75.00	0.90	A061536	0.015	0.05				0.50	Blank							ASSCAN	0S0009RA	0.015	0.050	0.00		0.00
75.00	75.35	0.35	A061537	0.015	0.50				1.00	Va			0.2				ASSCAN	0S0009RA					
75.35	76.15	0.80	A061538	0.015	0.30				3.00	Va			0.5				ASSCAN	0S0009RA					
107.40	107.60	0.20	A061231	0.015	0.05				1.00	Va			0.2				ASSCAN	0S0004RA					
107.60	107.90	0.30	A061232	0.015	0.05				1.00	QV			1			HW	ASSCAN	0S0004RA					
107.60	107.90	0.30	A061233	11.770	2.10				0.10	GS-11A							ASSCAN	0S0004RA	11.210	0.435	1.29		5.00
107.90	108.20	0.30	A061234	0.015	0.90				1.00	Va			0.2				ASSCAN	0S0004RA					
124.30	124.50	0.20	A061235	0.015	0.05				0.90	FP			0.2				ASSCAN	0S0004RA					
127.80	128.00	0.20	A061236	0.030	0.05				0.60	FP			0.2				ASSCAN	0S0004RA					
131.00	131.40	0.40	A061237	0.015	0.60				1.00	Va			0.2	0.2			ASSCAN	0S0004RA					
136.05	136.95	0.90	A061539	0.070	0.40				3.50	FT							ASSCAN	0S0009RA					
139.40	140.20	0.80	A061238	0.170	0.90				3.00	Va			0.2				ASSCAN	0S0004RA					
140.20	140.40	0.20	A061239	0.670	7.50		4.140		0.80	Va			1				ASSCAN	0S0004RA					
140.40	141.00	0.60	A061240	0.015	0.05				2.00	Va			0.2				ASSCAN	0S0004RA					
141.00	141.20	0.20	A061241	0.015	0.50				0.90	Va			1				ASSCAN	0S0004RA					
143.30	143.60	0.30	A061242	0.015	0.60				0.90	Va			0.2				ASSCAN	0S0004RA					
143.60	143.80	0.20	A061243	5.630	3.10				1.00	QV			1			BFW	ASSCAN	0S0004RA					
143.60	143.80	0.20	A061244	0.015	0.80				0.40	blank							ASSCAN	0S0004RA	0.015	0.050	0.00		0.00
143.80	144.20	0.40	A061245	0.030	1.00				1.50	Va			0.2				ASSCAN	0S0004RA					
154.45	154.90	0.45	A061540	0.015	0.20				1.00	Va							ASSCAN	0S0009RA					
177.20	178.00	0.80	A061541	0.070	0.05				2.00	Va			0.5				ASSCAN	0S0009RA					

Count: 35

# Metal Mountain Resourc

## ICP data by hole

BHID: DM-10-049

Hole Name DM-10-049

Cert#	FROM	TO ROCKTYPE	Sample	Ag-ppm	Al-%	As-ppm	Ba-ppm	Bi-ppm	Ca-%	Cd-ppm	Co-ppm	Cr-ppm	Cu-ppm	Fe-%	Ga-ppm	K-%	La-ppm	Li-ppm	Mg-%
0S0009RR	28.50	29.60 V/S	A061523	0.5	6.560	30	264	2.5	5.090	3.0	29.0	35.0	37.0	5.680	24.0	0.370	5	21.0	1.400
0S0009RR	29.60	30.60 V/S	A061524	0.5	6.580	18	353	2.5	7.320	2.0	22.0	32.0	28.0	5.230	26.0	0.620	5	7.0	1.330
0S0009RR	29.60	30.60 GS-11A	A061525	4.0	3.970	10000	411	11.0	2.270	2.0	23.0	75.0	89.0	4.740	20.0	1.550	15	3.0	0.950
0S0009RR	31.00	31.70 V/S	A061526	0.5	5.580	50	204	2.5	13.040	2.0	25.0	35.0	21.0	4.190	20.0	0.450	5	9.0	1.090
0S0009RR	41.50	42.30 V/S	A061527	1.0	7.100	5	144	2.5	3.640	1.0	15.0	24.0	18.0	3.820	22.0	0.250	26	35.0	0.860
0S0009RR	42.30	42.90 V/S	A061528	0.5	5.470	5	154	2.5	4.730	2.0	19.0	66.0	30.0	3.970	17.0	0.260	11	34.0	0.950
0S0009RR	42.90	43.60 V/S	A061529	0.5	8.470	12	159	2.5	2.290	3.0	32.0	35.0	45.0	7.010	33.0	0.280	11	36.0	1.910
0S0009RR	43.60	44.00 V/S	A061530	0.5	4.850	5	206	2.5	5.380	1.0	12.0	45.0	20.0	2.410	11.0	0.490	5	7.0	0.660
0S0009RR	44.00	44.60 DT	A061531	1.0	6.760	10	319	2.5	4.810	3.0	24.0	21.0	41.0	5.100	28.0	0.760	10	38.0	1.320
0S0009RR	54.10	54.90 FP	A061532	1.0	8.020	107	115	2.5	4.550	3.0	31.0	22.0	22.0	6.390	27.0	0.120	5	41.0	2.500
0S0009RR	54.90	55.70 FP	A061533	0.5	9.760	22	149	2.5	2.880	2.0	33.0	12.0	26.0	7.060	31.0	0.160	5	35.0	2.760
0S0009RR	73.10	74.10 FP	A061534	0.5	8.220	12	220	2.5	5.040	1.0	22.0	26.0	43.0	3.720	23.0	0.310	10	181.0	1.680
0S0009RR	74.10	75.00 Va	A061535	0.5	6.850	5	266	2.5	4.560	2.0	28.0	56.0	31.0	5.900	27.0	0.220	5	21.0	2.030
0S0009RR	74.10	75.00 Blank	A061536	0.5	0.080	5	12	2.5	25.000	0.5	1.0	11.0	0.5	0.110	7.0	0.010	5	0.5	1.780
0S0009RR	75.00	75.35 Va	A061537	0.5	5.650	5	313	2.5	6.050	0.5	17.0	59.0	56.0	1.480	10.0	0.100	5	7.0	0.750
0S0009RR	75.35	76.15 Va	A061538	0.5	7.000	5	1644	2.5	4.130	2.0	35.0	68.0	112.0	4.790	28.0	0.910	5	21.0	2.860
0S0009RR	136.05	136.95 FT	A061539	1.0	8.040	5	1005	2.5	4.360	2.0	28.0	15.0	57.0	4.890	27.0	2.310	5	18.0	2.040
0S0009RR	154.45	154.90 Va	A061540	0.5	8.520	5	7841	2.5	1.370	1.0	19.0	22.0	9.0	4.200	25.0	1.280	5	10.0	0.680
0S0009RR	177.20	178.00 Va	A061541	0.5	9.230	5	579	2.5	0.420	0.5	30.0	12.0	12.0	3.820	22.0	1.170	5	12.0	0.560

Count: 19

# Metal Mountain Resourc

## Assayers Canda-ICP import file with sample data

BHID: DM-10-049

Hole Name DM-10-049

Cert#	FROM	TO ROCKTYPE	Sample	Mn-ppm	Mo-ppm	Na-%	Nb-ppm	Ni-ppm	Pb-ppm	S-%	Sb-ppm	Sc-ppm	Sn-ppm	Sr-ppm	Ta-ppm	Te-ppm	Ti-%	V-ppm	W-ppm	Y-ppm	Zn-ppm	Zr-ppm	
0S0009RR	28.50	29.60	V/S	A061523	867	1	3.490	5	19	1	1.640	2.5	22.0	5	142.0	2.5	18	0.380	165.0	5	14.0	105.0	51.0
0S0009RR	29.60	30.60	V/S	A061524	1047	3	3.800	5	12	1	1.410	5.0	19.0	5	247.0	2.5	15	0.350	130.0	5	19.0	82.0	71.0
0S0009RR	29.60	30.60	GS-11A	A061525	570	18	0.430	5	47	639	0.980	2.5	9.0	5	98.0	2.5	11	0.140	87.0	5	5.0	219.0	73.0
0S0009RR	31.00	31.70	V/S	A061526	2526	9	3.150	5	12	17	1.330	5.0	20.0	11	231.0	14.0	16	0.360	139.0	5	17.0	73.0	45.0
0S0009RR	41.50	42.30	V/S	A061527	945	2	4.660	23	4	2	0.100	2.5	12.0	5	141.0	2.5	10	0.260	85.0	5	51.0	78.0	263.0
0S0009RR	42.30	42.90	V/S	A061528	1158	2	3.230	5	9	7	0.210	2.5	17.0	5	145.0	2.5	13	0.320	102.0	5	14.0	118.0	55.0
0S0009RR	42.90	43.60	V/S	A061529	1449	1	4.690	5	10	1	0.080	2.5	25.0	5	118.0	2.5	22	0.480	157.0	5	24.0	132.0	105.0
0S0009RR	43.60	44.00	V/S	A061530	1525	1	2.910	5	6	14	0.200	2.5	15.0	5	140.0	2.5	5	0.240	61.0	5	13.0	43.0	38.0
0S0009RR	44.00	44.60	DT	A061531	2105	1	3.080	5	7	14	0.120	2.5	22.0	5	145.0	2.5	16	0.380	101.0	5	17.0	145.0	68.0
0S0009RR	54.10	54.90	FP	A061532	1637	5	5.610	5	4	77	1.630	5.0	14.0	5	368.0	2.5	15	0.300	140.0	5	11.0	63.0	43.0
0S0009RR	54.90	55.70	FP	A061533	1451	2	6.340	5	4	1	0.720	5.0	17.0	5	331.0	2.5	17	0.350	185.0	5	10.0	115.0	55.0
0S0009RR	73.10	74.10	FP	A061534	1184	1	5.440	5	8	19	0.120	2.5	14.0	5	306.0	2.5	12	0.290	118.0	5	20.0	78.0	107.0
0S0009RR	74.10	75.00	Va	A061535	1261	2	3.690	5	19	15	0.090	2.5	22.0	5	393.0	2.5	17	0.390	150.0	5	15.0	79.0	72.0
0S0009RR	74.10	75.00	Blank	A061536	53	5	0.050	5	10	45	1.000	2.5	0.5	29	5320.0	2.5	5	0.005	3.0	5	0.5	7.0	1.0
0S0009RR	75.00	75.35	Va	A061537	714	4	4.220	5	17	1	0.160	2.5	17.0	5	539.0	2.5	5	0.280	71.0	5	16.0	21.0	64.0
0S0009RR	75.35	76.15	Va	A061538	1316	3	2.680	5	35	1	0.120	2.5	27.0	5	494.0	2.5	15	0.380	148.0	5	14.0	51.0	61.0
0S0009RR	136.05	136.95	FT	A061539	2417	2	1.540	5	5	55	1.280	2.5	20.0	5	136.0	2.5	12	0.300	161.0	5	10.0	130.0	48.0
0S0009RR	154.45	154.90	Va	A061540	2074	1	2.920	5	6	1	0.180	2.5	24.0	5	154.0	2.5	11	0.340	176.0	5	8.0	117.0	23.0
0S0009RR	177.20	178.00	Va	A061541	1504	1	3.190	5	6	1	0.270	5.0	23.0	5	101.0	2.5	13	0.360	121.0	10	11.0	77.0	53.0

Count: 19



Drill Hole Log

Hole Number: DM-10-050

**Grid-X:** 653,680.54      **Brg:** 360.00      **Ovb:** 27.50      **Surveyor:** 0      **Drill:** Driftwood Diamond Drilling  
**Grid-Y:** 6,068,838.69      **Dip:** -45.00      **Casing:** 21.30      **Survey Date:** 30-Dec-1899      **Drill Dates:** 27-Feb-10 to 28-Feb-10  
**Grid-Z:** 1,253.24      **Depth:** 138.40      **Recover Casing:** HQ      **Core Size:** HQ      **Geologist:** Bryan Muloin  
**NTS:** 93L 077      **Claim:** 0      **Area:** 0      **Log Dates:** 01-Mar-10 to 01-Mar-10  
**Target:** Exploration for east extension of Boulder FW vein      **Comments:** Collared in centre of Sediment Pond - drillpad "C"

Lithology						Alteration				Mineralization				Structure								
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
0.00	27.50	27.50	OB			mixed cobbles chert, green andesite, green diorite																
27.50	33.90	6.40					27.50	33.90	SI		1											
27.50	33.90	6.40					27.50	33.90	CB		2											
27.50	33.90	6.40	V/S		GRY	fine grained, thin calcite veins 1mm in parallel array																
33.90	60.70	26.80					33.90	60.70	CB		0											
33.90	60.70	26.80	FP		G-G	white phenocrysts 1mm, few veins, has large 5 - 10cm breccia clasts of maroon FP with large 2mm & wider dispersed phenocrysts. 48.2-48.8m: quartz-carbonate stockwork/knots. Bleached section 52.2-54.5m (tan) and 58.5-60.7m (tan-green).																
38.00	40.80	2.80										38.00	40.80	Vn	45		series of parallel albite veins 1mm -2mm with bleached haloes that starts with a large bleached area surrounding a large ragged albite vein 2cm					
48.00	48.80	0.80										48.00	48.80	fol	45		large bleached zone weak foliation					
51.00	51.80	0.80										51.00	51.80	bx			angular breccia clasts <2cm					
51.80	54.60	2.80										51.80	54.60	bx			mylonized breccia, clasts separated by fractures, bleached					
55.60	58.80	3.20										55.60	58.80	Vn	35		series of parallel albite veins 1mm -2mm with bleached haloes					
59.00	60.00	1.00										59.00	60.00	Vn	25		bleached alteration to Vas intensity, green mica occurrence with parallel series of veins 1mm,					

Lithology						Alteration				Mineralization				Structure						
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	StyleDeg	From	To	Code	%	Comments	From	To	Code	CA	Comments
60.00	61.00	1.00										60.00	61.00	bx						coarse breccia <6cm, alteration transition
60.70	73.30	12.60					60.70	73.30	CB	1										
60.70	73.30	12.60	<b>BTm</b>		MAR	angular breccia clasts through most of unit, some banding														
61.80	62.60	0.80										61.80	62.60	bn	50					
68.10	68.20	0.10										68.10	68.20	cn	80					green dyke-like, abrupt contacts, alteration
68.40	68.60	0.20										68.40	68.60	cn	65					green dyke-like, abrupt contacts, alteration
71.60	73.00	1.40										71.60	73.00	Vn	45					series of complementary albite-calcite veins 2mm
71.60	73.00	1.40										71.60	73.00	Vn	30					series of complementary albite-calcite veins 2mm
73.30	74.40	1.10					73.30	74.40	CB	0										
73.30	74.40	1.10	<b>Va</b>		BLE	bleached off-white alteration, both contacts show dissolution nature of alteration														
74.40	93.40	19.00					74.40	93.40	CB	1										
74.40	93.40	19.00	<b>BTm</b>		MAR	angular breccia clasts through most of unit, some banding, not intensely-veined except zone of complementary albite-calcite veins														
74.40	74.80	0.40										74.40	74.80	bn	50					
76.60	76.80	0.20										76.60	76.80	Vn	80					green altered band
81.00	84.00	3.00										81.00	84.00	Vn	35					series of complementary albite-calcite veins <1cm
81.00	84.00	3.00										81.00	84.00	Vn	50					series of complementary albite-calcite veins <1cm
93.40	96.40	3.00					93.40	96.40	CB	1										
93.40	96.40	3.00	<b>Va</b>		GRN	green altered BTm, has gradational contacts														
96.40	121.70	25.30					96.40	121.70	CB	1										
96.40	121.70	25.30	<b>BTm</b>		MAR	angular breccia through most of unit, few veins														
99.10	99.40	0.30										99.10	99.40	Vn	10					shatter vein arches parallel to core, widens to up hole
100.70	101.00	0.30										100.70	101.00	Vn	35					green altered band
109.40	109.60	0.20										109.40	109.60	Vn	60					maroon breccia clasts 1cm in green-altered zone
121.70	126.20	4.50					121.70	126.20	CB	0										
121.70	126.20	4.50	<b>Va</b>		BLE	light green & pink altered andesite with quartz veins in it														
122.20	122.50	0.30										122.20	122.50	Vn	20					zoned vein 2cm, pyrite
122.50	122.90	0.40										122.50	122.90	Vn	40					zoned quartz vein 35cm, pyrite, chalcopyrite



Lithology							Alteration				Mineralization				Structure							
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
124.30	124.50	0.20															124.30	124.50	Vn	30	zoned quartz-pyrite vein	12mm
124.90	125.20	0.30															124.90	125.20	Vn	30	zoned quartz-pyrite vein	12cm
126.20	134.80	8.60					126.20	134.80	CB		1											
126.20	134.80	8.60	FP		MAR	white phenocrysts 1mm, few veins, is darker purple which seems characteristic below the QV, calcite occurs down hole from 131.0m																
134.80	138.40	3.60	FP		GRN	green altered FP, has gradational contact EOH at 138.4m																

## *Down Hole Surveys*

Hole No. **DM-10-050**

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<b>BHID</b>	<b>AT</b>	<b>BRG</b>	<b>DIP</b>	<b>TYPE</b>
DM-10-050				
	0.00	360.00	-45.00	Collar
	45.72	356.90	-45.20	Reflex
	91.44	356.10	-45.40	Reflex
	137.16	356.70	-45.00	Reflex

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# Metal Mountain Resources

## Assays Per Hole

Grid-X: 653,680.54 Grid-Y: 6,068,838.69 Grid-Z: 1,253.24 Hole Number: DM-10-050

HOLE ID DM-10-050

FROM	TO	Length	SAMPLE	Au	Ag	Cu	ZN	PB	Wt	ROCKTYPE	Py%	CP%	SL%	GL%	VG	Intersect	LAB	CERT#	ExpVal	ISD-Au	Zscore	BAD	%DIFF
48.20	48.80	0.60	A061508	0.015	0.05				2.00	Va							ASSCAN	0S0009RA					
51.80	52.60	0.80	A061509	0.015	0.05				3.00	Va							ASSCAN	0S0009RA					
52.60	53.60	1.00	A061510	0.015	0.05				4.00	Va							ASSCAN	0S0009RA					
53.60	54.50	0.90	A061511	0.015	0.05				3.00	Va							ASSCAN	0S0009RA					
54.50	55.20	0.70	A061512	0.030	0.30				2.00	FP	0.1						ASSCAN	0S0009RA					
54.50	55.20	0.70	A061513	0.015	0.70				0.70	Blank							ASSCAN	0S0009RA	0.015	0.050	0.00		0.00
58.30	59.20	0.90	A061514	0.015	0.10				3.00	Va							ASSCAN	0S0009RA					
59.20	60.00	0.80	A061515	0.015	0.50				3.00	Va	0.1						ASSCAN	0S0009RA					
60.00	60.70	0.70	A061516	0.030	0.20				2.50	Va							ASSCAN	0S0009RA					
72.70	73.10	0.40	A061246	0.030	1.00				1.00	BTm	0.2						ASSCAN	0S0005RA					
73.10	73.80	0.70	A061517	0.015	0.05				2.50	Va	0.2						ASSCAN	0S0009RA					
73.80	74.40	0.60	A061518	0.015	0.60				2.00	Va	0.1						ASSCAN	0S0009RA					
98.80	99.10	0.30	A061519	0.015	0.50				1.00	BTm	1						ASSCAN	0S0009RA					
99.10	99.40	0.30	A061247	0.030	1.20				1.00	BTm	1						ASSCAN	0S0005RA					
99.40	99.80	0.40	A061520	0.015	0.70				1.50	BTm	0.5						ASSCAN	0S0009RA					
121.70	122.20	0.50	A061248	0.030	1.40				1.50	Va	0.2						ASSCAN	0S0005RA					
122.20	122.50	0.30	A061249	8.630	64.30		16.30		1.00	QV	1					BFW	ASSCAN	0S0005RA					
122.50	122.90	0.40	A061250	56.000	205.60		2.49		1.00	QV	5	0.2				BFW	ASSCAN	0S0005RA					
122.90	123.60	0.70	A061251	0.390	2.10				3.00	Va	1						ASSCAN	0S0005RA					
123.60	124.30	0.70	A061252	1.600	1.90				3.00	Va	0.2						ASSCAN	0S0005RA					
124.30	124.50	0.20	A061253	2.030	3.00				0.60	Va	2					FW	ASSCAN	0S0005RA					
124.50	124.90	0.40	A061254	0.070	1.10				1.50	Va	1						ASSCAN	0S0005RA					
124.90	125.20	0.30	A061255	1.070	3.20				1.50	QV	3					FW	ASSCAN	0S0005RA					
124.90	125.20	0.30	A061256	11.800	1.70				0.10	GS-11A							ASSCAN	0S0005RA	11.210	0.435	1.36		5.26
125.20	126.20	1.00	A061257	0.070	1.80				4.00	Va	0.2						ASSCAN	0S0005RA					
136.90	137.30	0.40	A061521	0.015	0.40				1.50	FP	0.5						ASSCAN	0S0009RA					
137.30	138.40	1.10	A061522	0.015	0.50				4.00	FP							ASSCAN	0S0009RA					

Count: 27

# Metal Mountain Resourc

## ICP data by hole

BHID: DM-10-050

Hole Name DM-10-050

Cert#	FROM	TO ROCKTYPE	Sample	Ag-ppm	Al-%	As-ppm	Ba-ppm	Bi-ppm	Ca-%	Cd-ppm	Co-ppm	Cr-ppm	Cu-ppm	Fe-%	Ga-ppm	K-%	La-ppm	Li-ppm	Mg-%
OS0009RR	48.20	48.80 Va	A061508	0.5	9.340	10	398	2.5	4.000	1.0	23.0	27.0	11.0	4.850	27.0	0.770	5	10.0	1.670
OS0009RR	51.80	52.60 Va	A061509	0.5	9.000	5	166	2.5	2.410	2.0	32.0	17.0	21.0	5.890	33.0	0.190	5	45.0	2.000
OS0009RR	52.60	53.60 Va	A061510	0.5	8.570	5	103	2.5	2.330	2.0	27.0	15.0	16.0	5.430	27.0	0.090	5	16.0	2.230
OS0009RR	53.60	54.50 Va	A061511	0.5	8.800	5	135	2.5	2.590	2.0	28.0	15.0	28.0	5.650	29.0	0.160	5	37.0	2.130
OS0009RR	54.50	55.20 Blank	A061513	0.5	0.080	5	16	2.5	25.000	0.5	0.5	8.0	0.5	0.100	10.0	0.020	5	0.5	2.460
OS0009RR	54.50	55.20 FP	A061512	0.5	8.500	5	236	2.5	1.590	1.0	27.0	39.0	40.0	4.860	32.0	0.400	11	30.0	1.540
OS0009RR	58.30	59.20 Va	A061514	0.5	8.450	5	106	2.5	2.420	0.5	18.0	27.0	8.0	2.980	20.0	0.170	10	20.0	1.080
OS0009RR	59.20	60.00 Va	A061515	1.0	7.090	5	757	2.5	4.890	2.0	29.0	68.0	91.0	4.830	26.0	1.480	11	12.0	1.780
OS0009RR	60.00	60.70 Va	A061516	0.5	7.740	5	1764	2.5	4.920	2.0	44.0	93.0	25.0	5.770	31.0	2.540	5	23.0	2.630
OS0005RR	72.70	73.10 BTm	A061246	0.5	10.670	5	1151	2.5	3.170	3.0	30.0	20.0	2.0	7.550	63.0	2.910	5	44.0	2.440
OS0009RR	73.10	73.80 Va	A061517	0.5	10.330	5	611	2.5	3.920	2.0	52.0	18.0	20.0	7.120	37.0	1.640	5	32.0	1.550
OS0009RR	73.80	74.40 Va	A061518	0.5	10.220	5	201	2.5	5.580	3.0	66.0	22.0	18.0	7.970	37.0	0.540	5	38.0	2.300
OS0009RR	98.80	99.10 BTm	A061519	0.5	7.340	5	941	2.5	4.530	3.0	46.0	154.0	20.0	6.700	32.0	0.340	5	37.0	4.260
OS0005RR	99.10	99.40 BTm	A061247	0.5	6.230	55	596	2.5	4.720	5.0	48.0	216.0	36.0	9.870	76.0	0.220	5	38.0	3.810
OS0009RR	99.40	99.80 BTm	A061520	0.5	7.210	5	135	2.5	5.080	3.0	57.0	268.0	16.0	7.090	36.0	0.060	5	32.0	4.450
OS0005RR	121.70	122.20 Va	A061248	0.5	7.830	27	436	2.5	3.280	4.0	54.0	201.0	101.0	6.670	56.0	2.900	5	28.0	2.540
OS0005RR	122.20	122.50 QV	A061249	69.0	3.720	5254	130	2.5	1.350	2000.0	21.0	111.0	8167.0	7.210	50.0	1.380	5	9.0	0.490
OS0005RR	122.50	122.90 QV	A061250	200.0	2.160	4241	89	5.0	0.560	539.0	13.0	199.0	9424.0	8.420	28.0	0.840	5	4.0	0.250
OS0005RR	122.90	123.60 Va	A061251	3.0	8.820	61	1268	2.5	4.560	13.0	25.0	37.0	71.0	6.370	89.0	3.350	5	11.0	1.880
OS0005RR	123.60	124.30 Va	A061252	1.0	9.540	69	367	2.5	4.820	5.0	29.0	28.0	35.0	6.800	76.0	2.870	5	15.0	2.270
OS0005RR	124.30	124.50 Va	A061253	3.0	8.900	316	495	2.5	3.680	38.0	26.0	41.0	61.0	8.130	58.0	3.660	5	10.0	1.590
OS0005RR	124.50	124.90 Va	A061254	0.5	9.700	35	1183	2.5	5.300	2.0	31.0	16.0	23.0	6.280	74.0	3.710	5	16.0	2.360
OS0005RR	124.90	125.20 GS-11A	A061256	3.0	4.110	10000	413	2.5	2.240	1.0	21.0	119.0	99.0	4.740	32.0	1.570	14	7.0	0.870
OS0005RR	124.90	125.20 QV	A061255	4.0	8.200	155	788	2.5	3.260	78.0	12.0	56.0	240.0	6.410	90.0	2.970	5	12.0	1.410
OS0005RR	125.20	126.20 Va	A061257	2.0	9.460	43	861	2.5	6.140	19.0	18.0	23.0	88.0	6.280	105.0	3.620	5	13.0	2.360
OS0009RR	136.90	137.30 FP	A061521	1.0	8.920	5	3961	2.5	5.850	0.5	30.0	17.0	53.0	4.550	26.0	1.480	5	29.0	2.050
OS0009RR	137.30	138.40 FP	A061522	0.5	7.920	5	7949	2.5	8.150	0.5	14.0	16.0	53.0	3.450	22.0	1.080	5	28.0	1.690

Count: 27

# Metal Mountain Resourc

## Assayers Canda-ICP import file with sample data

BHID: DM-10-050

Hole Name DM-10-050

Cert#	FROM	TO	ROCKTYPE	Sample	Mn-ppm	Mo-ppm	Na-%	Nb-ppm	Ni-ppm	Pb-ppm	S-%	Sb-ppm	Sc-ppm	Sn-ppm	Sr-ppm	Ta-ppm	Te-ppm	Ti-%	V-ppm	W-ppm	Y-ppm	Zn-ppm	Zr-ppm
OS0009RR	48.20	48.80	Va	A061508	3205	3	5.720	5	3	6	0.100	2.5	13.0	5	235.0	2.5	12	0.290	136.0	5	11.0	123.0	55.0
OS0009RR	51.80	52.60	Va	A061509	1585	1	5.530	5	5	34	0.110	2.5	16.0	5	406.0	2.5	16	0.310	177.0	5	9.0	126.0	47.0
OS0009RR	52.60	53.60	Va	A061510	1439	2	5.630	5	3	20	0.050	2.5	14.0	5	462.0	2.5	13	0.270	143.0	5	7.0	92.0	42.0
OS0009RR	53.60	54.50	Va	A061511	1265	2	5.560	5	5	3	0.060	2.5	19.0	5	389.0	2.5	15	0.310	171.0	5	8.0	102.0	40.0
OS0009RR	54.50	55.20	Blank	A061513	59	6	0.040	5	15	1	0.980	2.5	0.5	29	5275.0	7.0	5	0.005	2.0	5	0.5	4.0	1.0
OS0009RR	54.50	55.20	FP	A061512	794	2	5.300	5	8	6	0.050	2.5	20.0	5	283.0	2.5	16	0.390	141.0	5	11.0	151.0	81.0
OS0009RR	58.30	59.20	Va	A061514	923	1	6.350	5	5	1	0.050	2.5	14.0	5	430.0	2.5	5	0.280	87.0	5	16.0	94.0	131.0
OS0009RR	59.20	60.00	Va	A061515	1454	3	2.610	5	29	12	0.200	6.0	24.0	5	464.0	2.5	16	0.380	140.0	5	15.0	138.0	54.0
OS0009RR	60.00	60.70	Va	A061516	1427	2	1.120	5	50	9	0.110	2.5	31.0	5	613.0	2.5	20	0.480	155.0	5	15.0	189.0	60.0
OS0005RR	72.70	73.10	BTm	A061246	1216	4	1.710	5	10	1	0.490	5.0	28.0	23	348.0	24.0	26	0.380	289.0	5	11.0	103.0	33.0
OS0009RR	73.10	73.80	Va	A061517	2427	1	1.490	5	5	1	0.370	26.0	27.0	5	259.0	2.5	17	0.410	279.0	5	13.0	114.0	25.0
OS0009RR	73.80	74.40	Va	A061518	3140	1	1.230	5	22	2	0.340	24.0	31.0	5	315.0	2.5	19	0.420	290.0	5	14.0	146.0	33.0
OS0009RR	98.80	99.10	BTm	A061519	1495	2	3.510	5	82	24	0.790	6.0	33.0	5	413.0	2.5	22	0.490	160.0	5	20.0	60.0	38.0
OS0005RR	99.10	99.40	BTm	A061247	1540	2	3.100	5	93	26	4.810	12.0	30.0	65	578.0	25.0	41	0.390	129.0	5	18.0	86.0	37.0
OS0009RR	99.40	99.80	BTm	A061520	1499	1	3.970	5	145	10	0.470	7.0	42.0	5	487.0	13.0	21	0.470	198.0	5	17.0	72.0	31.0
OS0005RR	121.70	122.20	Va	A061248	2695	3	0.090	5	70	1	2.290	19.0	35.0	5	180.0	16.0	32	0.370	227.0	5	14.0	192.0	38.0
OS0005RR	122.20	122.50	QV	A061249	4158	9	0.060	5	24	704	10.000	144.0	9.0	5	50.0	34.0	5	0.080	76.0	752	5.0	10000.0	16.0
OS0005RR	122.50	122.90	QV	A061250	951	6	0.040	5	25	8833	7.630	203.0	6.0	5	22.0	33.0	14	0.050	48.0	108	2.0	10000.0	11.0
OS0005RR	122.90	123.60	Va	A061251	7838	6	0.140	5	7	41	1.350	11.0	21.0	60	125.0	18.0	19	0.250	170.0	28	10.0	754.0	34.0
OS0005RR	123.60	124.30	Va	A061252	5207	1	0.140	5	10	23	1.860	7.0	22.0	78	123.0	7.0	21	0.280	165.0	5	11.0	237.0	34.0
OS0005RR	124.30	124.50	Va	A061253	4352	2	0.130	5	3	53	4.530	9.0	22.0	75	87.0	17.0	25	0.240	153.0	10	8.0	1724.0	34.0
OS0005RR	124.50	124.90	Va	A061254	5681	1	0.150	5	8	9	1.440	9.0	24.0	62	130.0	11.0	19	0.310	195.0	5	12.0	113.0	40.0
OS0005RR	124.90	125.20	GS-11A	A061256	594	19	0.410	5	56	825	1.000	8.0	8.0	14	102.0	24.0	13	0.100	86.0	5	5.0	229.0	71.0
OS0005RR	124.90	125.20	QV	A061255	9937	2	0.170	5	8	213	1.940	15.0	20.0	5	82.0	12.0	14	0.250	182.0	20	9.0	4209.0	37.0
OS0005RR	125.20	126.20	Va	A061257	9676	2	0.250	5	7	27	0.640	6.0	23.0	129	132.0	16.0	15	0.290	164.0	11	9.0	1708.0	31.0
OS0009RR	136.90	137.30	FP	A061521	1477	1	3.440	5	8	2	0.830	2.5	22.0	5	460.0	5.0	5	0.340	174.0	5	15.0	133.0	68.0
OS0009RR	137.30	138.40	FP	A061522	1360	2	3.460	5	5	1	0.660	2.5	17.0	5	864.0	2.5	5	0.290	120.0	5	12.0	127.0	45.0

Count: 27



# Drill Hole Log

## Dome Mountain Project Database

Hole Number: **DM-10-051**

**Grid-X:** 653,634.20      **Brg:** 360.00      **Ovb:** 18.90      **Surveyor:** 0      **Drill:** Driftwood Diamond Drilling  
**Grid-Y:** 6,068,793.22      **Dip:** -58.00      **Casing:** 13.70      **Survey Date:** 30-Dec-1899      **Drill Dates:** 28-Feb-10      **to**      01-Mar-10  
**Grid-Z:** 1,262.40      **Depth:** 245.10      **Recover Casing:** HQ      **Core Size:** HQ      **Geologist:** Bryan Muloin  
**NTS:** 93L 077      **Claim:** 0      **Area:** 0      **Log Dates:** 01-Mar-10      **to**      04-Mar-10  
**Target:** Exploration for East Extension of Boulder FW vein      **Comments:** Collared at southwest corner of Sediment Pond - drillpad "B"

Lithology						Alteration				Mineralization				Structure								
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
0.00	18.90	18.90	<b>OB</b>			mixed clasts of various rock types																
18.90	20.00	1.10					18.90	20.00	SI		3											
18.90	20.00	1.10					18.90	20.00	CB		1											
18.90	20.00	1.10	<b>AR</b>		BLK	hard, black bedded mudstone, with pyritic interbeds of (ashy?) siltstone																
20.00	27.40	7.40					20.00	27.40	CB		2											
20.00	27.40	7.40					20.00	27.40	SI		2											
20.00	27.40	7.40	<b>V/S</b>		BLK	Black-grey, crackled massive to fine-grained, lensey and wavy-banded volcanic siltstone with 1% pyrite; paler where more silicified. Limited veining, quartz-calcite veins occur in parallel in swarms of short length, calcite stops at 27.4m where a cleavage surface has graphite on it. Soft-altered, brecciated section 27.2-27.4m.																
27.40	27.70	0.30					27.40	27.70	SI		4											
27.40	27.70	0.30					27.40	27.70	CB		1											
27.40	27.70	0.30	<b>Va</b>		WHT	quartz-flooded section, brecciated and stockworked, 0.5% pyrite. Broken downhole contact																
27.40	27.70	0.30										27.40	27.70	Vn								bleached-white with pink-tint siliceous vein? Has dispersed pyrite
27.70	58.20	30.50					27.70	58.20	CB		1											
27.70	58.20	30.50	<b>FP</b>		GRN	small white phenocrysts 1mm persist through most of unit, breccia clasts are common some of which are maroon FP, moderate veining																
30.00	30.10	0.10										30.00	30.10	Vn	40							albite-quartz vein 6cm

Lithology						Alteration				Mineralization				Structure						
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	StyleDeg	From	To	Code	%	Comments	From	To	Code	CA	Comments
31.30	32.00	0.70														31.30	32.00	cn	30	green-aphanitic dyke, up hole contact abrupt ragged has tension release veining pattern, down hole contact is albite with calcite along margins vein 15mm @ 30° which is paralleled by series of thin albite veins 1mm below it
34.00	35.00	1.00														34.00	35.00	Vn	50	series of complementary albite veins 2mm
36.30	36.70	0.40														36.30	36.70	Vn	30	series of parallel albite-calcite veins 2mm
43.30	43.80	0.50														43.30	43.80	Vn	40	reticulate series of albite veins in zone of bleached to pink alteration
43.30	43.80	0.50														43.30	43.80	Vn	30	reticulate series of albite veins in zone of bleached to pink alteration
45.00	47.70	2.70														45.00	47.70	Vn	20	series of complementary albite veins 1mm
45.00	47.70	2.70														45.00	47.70	Vn	15	series of complementary albite veins 1mm
50.60	52.20	1.60														50.60	52.20	Vn	30	series of parallel albite-calcite veins 1mm
52.60	53.20	0.60														52.60	53.20	cn	45	green-aphanitic dyke contacts abrupt planar, internal veining pattern is complementary radial & parallel
53.40	54.10	0.70														53.40	54.10	Vn	10	complement to dyke? Albite with calcite margins vein <1cm has associated bleaching-alteration to pink
55.70	56.10	0.40														55.70	56.10	cn	30	green-aphanitic dyke up hole contact abrupt, has tension release veining pattern, down hole contact is ground run end
57.40	58.10	0.70														57.40	58.10	bx		clasts bleached 1cm to 10cm @ 58.0m
58.20	63.40	5.20					58.20	63.40	CB	2										
58.20	63.40	5.20	Dkin		GRN	complex dyke														
58.20	62.60	4.40														58.20	62.60	cn	45	green-aphanitic dyke, up hole contact abrupt, starts altering to maroon @ 58.7 to 61.0m, has bleached large clasts 5cm probable selective alteration,

Lithology						Alteration				Mineralization				Structure						
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	StyleDeg	From	To	Code	%	Comments	From	To	Code	CA	Comments
61.00	62.60	1.60														61.00	62.60	cn	40	green-aphanitic dyke continued, down hole contact is foliation
62.60	63.40	0.80														62.60	63.40	cn	55	coarse-texture, white phenocrysts, albite with calcite cores? Coarse to 1cm, looks intrusive as down hole contact abrupt
63.40	93.70	30.30					63.40	93.70	CB	2										
63.40	93.70	30.30	<b>BTm</b>		MAR	breccia clasts through unit, banding present evident as parallel veining 85.0 - 87.5m														
63.50	64.00	0.50														63.50	64.00	Vn	30	series of parallel albite-calcite veins 3mm becomes bleached zone down hole as veins occur closer together
68.20	68.30	0.10														68.20	68.30	Vn	50	albite-calcite vein 6cm in banded parallel to vein zone
68.90	69.10	0.20														68.90	69.10	cn	40	green-aphanitic, up hole contact is diffuse solvent front & parallel to down hole contact which is abrupt
72.40	72.50	0.10														72.40	72.50	Vn	60	zoned quartz-albite-calcite with chlorite on margins vein 4cm
79.20	79.30	0.10														79.20	79.30	Vn	30	zoned quartz-albite calcite with chlorite on margins vein 2cm
84.70	86.00	1.30														84.70	86.00	Vn	10	series of complementary albite-calcite veins <3mm
84.70	86.00	1.30														84.70	86.00	Vn	45	series of complementary albite-calcite veins <3mm
85.00	87.50	2.50														85.00	87.50	bn	40	banding is parallel veining
86.00	86.20	0.20														86.00	86.20	cn	50	maroon FP with coarse phenocrysts of 2mm size dyke with abrupt parallel contacts tension patterned veining as above dyke repeats below
93.70	94.50	0.80					93.70	94.50	CB	0										
93.70	94.50	0.80	<b>Dkin</b>		GRN	aphanitic dyke, abrupt parallel contacts has series of albite-quartz parallel veins in it as tension release veins														
93.70	96.00	2.30														93.70	96.00	Vn	45	series starting in dyke forms part of contact zone, quartz-albite veins from 93.7 to 96 increase in width from 1cm to 20cm



Lithology						Alteration				Mineralization				Structure							
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	StyleDeg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
94.50	96.00	1.50					94.50	96.00	SI	3											
94.50	96.00	1.50					94.50	96.00	CB	0											
94.50	96.00	1.50	<b>BTm</b>		MAR	has pattern of parallel veins in it															
96.00	97.30	1.30					96.00	97.30	CB	2											
96.00	97.30	1.30	<b>FP</b>		MAR	start of epidote alteration on black phenocrysts															
96.00	97.30	1.30										96.00	97.30	Vn	70	continuation of quartz veins in parallel series wide spaced 30cm & 3mm in width					
97.30	97.80	0.50					97.30	97.80	CB	2											
97.30	97.80	0.50	<b>AB</b>		MAR	calcite amygdules rounded irregular shapes 1cm															
97.80	98.90	1.10					97.80	98.90	CB	2											
97.80	98.90	1.10	<b>FP</b>		MAR	epidote replacement of phenocrysts coarse 2mm															
98.40	98.60	0.20										98.40	98.60	Vn	60	quartz-calcite vein 6cm has epidote halo both sides					
98.90	128.50	29.60					98.90	128.50	CB	3											
98.90	128.50	29.60	<b>FP</b>		MAR	calcium alteration of FP expressed as epidote & shatter vein replacement of calcite ranging from ragged blotches 3cm to rounded small amygdules 1cm, continues as flaggy patches of epidote-alteration on large calcite veins with occasional chlorite, abating as abundance of calcite veins down hole. bleached-green sections 108.5-110.0m & 112.9-115.8m.															
99.00	99.40	0.40										99.00	99.40	calciu		epidote & rounded small amygdules					
99.40	100.20	0.80										99.40	100.20	bn	60	BTm well-banded					
100.20	101.10	0.90										100.20	101.10	amyg		small-amygdules some show epidote replacement					
101.10	103.90	2.80										101.10	103.90	amyg		BTm has red phenocrysts like FP, amygdules widely spaced, some are epidote replaced and have black chlorite centers?					
103.90	106.10	2.20										103.90	106.10	amyg		coarse shatter pattern develops large ragged calcite amygdules some of which show some epidote alteration					
106.10	110.00	3.90										106.10	110.00	vn	30	epidote replacement about 30% on parallel vein pattern					

Lithology						Alteration				Mineralization				Structure						
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	StyleDeg	From	To	Code	%	Comments	From	To	Code	CA	Comments
110.00	112.90	2.90														110.00	112.90	vn	40	red phenocrysts in relatively unaltered FP has calcite vein @ 110.4 is 1cm, several parallel companions 1mm
112.90	115.80	2.90														112.90	115.80	vn	40	epidote replacement about 30% on parallel vein pattern
114.80	114.90	0.10														114.80	114.90	Vn	30	chlorite vein 5mm
114.90	118.00	3.10														114.90	118.00	FP		red-phenocrysts in relatively un altered FP
118.00	121.00	3.00														118.00	121.00	Vn	30	series of calcite-epidote veins vary to 6cm width suggest hole has been parallel to calcium vein alteration structure
121.00	128.50	7.50														121.00	128.50	Vn	60	continues as series of high-angle veins <2cm
128.50	145.50	17.00					128.50	145.50	CB	2										
128.50	145.50	17.00	FP		MAR	relative absence of calcite veins & return to pattern of small white phenocrysts 1mm														
132.30	132.40	0.10														132.30	132.40	Vn	60	bleached-white vein 7cm
139.40	139.90	0.50														139.40	139.90	vn	60	green-aphanitic dyke abrupt contacts
140.20	141.10	0.90														140.20	141.10	vn	70	green-aphanitic dyke abrupt contacts
140.20	141.10	0.90														140.20	141.10	vn	50	green-aphanitic dyke abrupt contacts
143.60	144.80	1.20														143.60	144.80	vn	45	green-aphanitic dyke abrupt contacts, down hole contact non planar
145.50	147.50	2.00					145.50	147.50	CB	2										
145.50	147.50	2.00	Va		GRN	green alteration of FP														
145.50	147.50	2.00														145.50	147.50	Va		green-alteration of FP, has white phenocrysts
147.50	153.00	5.50					147.50	153.00	CB	2										
147.50	153.00	5.50	FP		MAR	small-white phenocrysts 1mm persist through most of unit, moderate veining														
153.00	156.70	3.70					153.00	156.70	CB	1										
153.00	156.70	3.70	Va		GRN	green alteration of FP														
156.70	162.00	5.30					156.70	162.00	CB	1										
156.70	162.00	5.30	FP		MAR	small-white phenocrysts 1 - 2mm, calcite in limited number of veins														
162.00	166.10	4.10					162.00	166.10	CB	1										

Lithology						Alteration				Mineralization				Structure								
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
162.00	166.10	4.10	FP		GRN	small-white phenocrysts 1mm are intermittent in this green-altered FP, few veins are parallel series with calcite on margins																
163.50	164.80	1.30															163.50	164.80	Vn	40		series of parallel albite-calcite margin veins 5mm
165.00	165.30	0.30															165.00	165.30	sh	50		
165.30	165.80	0.50															165.30	165.80	Va	50		grey-altered halo on albite vein 2cm @ 165.5 has fine dispersed pyrite
166.10	166.90	0.80					166.10	166.90	CB		1											
166.10	166.90	0.80	Va		GRN	altered andesite, schistose, slight streaky texture pink-green-buff has dispersed pyrite																
166.10	166.90	0.80															166.10	166.90	vn	30		grey-altered halo on albite vein 4cm @ 166.4 has fine dispersed pyrite
166.90	179.30	12.40					166.90	179.30	CB		1											
166.90	179.30	12.40	FP		MAR	white phenocrysts 1 - 2mm																
170.20	170.90	0.70															170.20	170.90	bn	50		pinkish-green-alteration with dispersed pyrite, slight streaky
175.20	175.30	0.10															175.20	175.30	Vn	45		calcite vein 4cm
175.80	176.80	1.00															175.80	176.80	Vn	45		series of parallel calcite-albite veins <1cm
176.90	177.90	1.00															176.90	177.90	cn	45		pink & green alteration with dispersed pyrite, not streaky
178.00	178.70	0.70															178.00	178.70	bn	40		banding is parallel-veining
178.70	179.30	0.60															178.70	179.30	Va	40		pink & green alteration with dispersed pyrite, not streaky
179.30	181.30	2.00					179.30	181.30	CB		1											
179.30	181.30	2.00	Va		GRN	green-alteration of FP, tan colour 178.8-179.4m																
179.35	179.85	0.50															179.35	179.85	flt	70		fault zone with gouge sections
181.30	183.40	2.10					181.30	183.40	CB		1											
181.30	183.40	2.10	FP		MAR	white phenocrysts 1 - 2mm not continuous in unit tending to aphanitic massive with limited veins																
183.40	194.20	10.80					183.40	194.20	CB		1											
183.40	194.20	10.80	FP		GRN	small white phenocrysts,																
190.50	190.90	0.40															190.50	190.90	ble			silica-bleached-white zone, dispersed pyrite
194.20	216.80	22.60					194.20	216.80	CB		0											

Lithology							Alteration				Mineralization				Structure							
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
194.20	216.80	22.60	FP		MAR	small white phenocrysts 1 - 2mm, calcite in limited number of veins to 195.5m then calcite again at 208.0m. Bleached green-tan 199.2-202.0m.																
199.20	201.90	2.70										199.20	201.90	cn	75	light-green to pink altered andesite has white clay, kaolin with cubic pyrite as fracture filled zones @ 199.6 & 200.9m						
203.30	204.00	0.70										203.30	204.00	Vn	75	fan of four high angle veins <7mm @ 55° through 90° to 60° with complementary series of parallel veins @ 10°						
203.30	204.00	0.70										203.30	204.00	Vn	10	fan of four high angle veins <7mm @ 55° through 90° to 60° with complementary series of parallel veins @ 10°						
209.50	209.60	0.10										209.50	209.60	Vn	65	quartz with calcite margins vein 4cm has chlorite rim						
211.10	211.60	0.50										211.10	211.60	cn	40	alteration zone, light-pink & green, centers on albite chlorite vein 8cm @ 211.4 - 211.5m						
211.90	211.90	0.00										211.90	211.90	Vn	60	quartz-albite vein 2cm						
214.90	215.30	0.40										214.90	215.30	Vn	70	bleaching of maroon FP to pink with series of albite veins 1cm						
216.80	218.70	1.90					216.80	218.70	CB		1											
216.80	218.70	1.90	Vas		BLE	tan-grey alteration zone around quartz-pyrite vein 217.45 to 217.6m																
217.60	218.70	1.10										217.60	218.70	Vn	70	alteration zone, light-green, centers on banded quartz vein 15cm @ 217.45 - 217.6m						
218.70	219.40	0.70					218.70	219.40	CB		0											
218.70	219.40	0.70	FP		MAR	some green at gradational contacts, FP has small phenocrysts																
219.40	223.70	4.30					219.40	223.70	CB		0											
219.40	223.70	4.30	Va		BLE	light-green-tan alteration of FP, few large maroon clasts <4cm & xeno patch 220.9 - 221.2m, limited pyrite																
221.20	221.30	0.10										221.20	221.30	Vn	80	quartz vein 3cm						
223.50	223.60	0.10										223.50	223.60	Vn	80	quartz vein 6cm						
223.70	228.70	5.00					223.70	228.70	CB		0											
223.70	228.70	5.00	FP		MAR	white phenocrysts 1 - 2mm																
228.70	229.30	0.60					228.70	229.30	CB		0											

Lithology						Alteration				Mineralization				Structure							
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	StyleDeg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
228.70	229.30	0.60	Va		BLE	light-pink-green alteration of FP, chlorite as margins of albite veins 5mm															
228.70	229.30	0.60										228.70	229.30	fol	50	chlorite vein margins & veins 2mm					
229.30	229.80	0.50					229.30	229.80	CB	0											
229.30	229.80	0.50	FP		MAR	white phenocrysts															
229.80	230.60	0.80					229.80	230.60	CB	0											
229.80	230.60	0.80	Va		BLE	light-green tan															
230.60	231.20	0.60					230.60	231.20	CB	0											
230.60	231.20	0.60	FP		MAR	white phenocrysts															
231.20	232.60	1.40					231.20	232.60	CB	0											
231.20	232.60	1.40	Va		BLE	light-pink & green-tan															
232.60	232.90	0.30					232.60	232.90	CB	0											
232.60	232.90	0.30	FP		MAR	white phenocrysts 1mm															
232.90	233.90	1.00					232.90	233.90	CB	0											
232.90	233.90	1.00	Va		BLE	has two quartz-pyrite veins															
233.00	233.10	0.10										233.00	233.10	Vn	60	quartz vein 4cm has pyrite on margins & median					
233.20	233.40	0.20										233.20	233.40	Vn	40	quartz vein 4cm diverges into Y shape with pyrite 50% of vein					
233.90	234.40	0.50					233.90	234.40	CB	0											
233.90	234.40	0.50	Va		BLE	green-tan, has flecks of green mica in it															
234.40	234.60	0.20					234.40	234.60	CB	0											
234.40	234.60	0.20	FP		MAR																
234.60	235.00	0.40					234.60	235.00	CB	0											
234.60	235.00	0.40	Va		BLE	pink-tan with pyrite has short ground zone with black rolled piece in it															
234.60	234.70	0.10										234.60	234.70	Vn	35	quartz-pyrite-zoned vein 3cm					
235.00	236.50	1.50					235.00	236.50	CB	0											
235.00	236.50	1.50	Va		BLE	tan-altered andesite with two quartz-pyrite veins, chalcopyrite in lower one, has dispersed coarse <3mm cubic pyrite															
235.40	235.60	0.20										235.40	235.60	Vn	30	quartz-pyrite-zoned vein 4cm					
236.20	236.50	0.30										236.20	236.50	Vn		quartz-pyrite-chalcopyrite vein in several irregular segments					
236.50	237.10	0.60					236.50	237.10	CB	1											
236.50	237.10	0.60	Va		GRN	altered-andesite has dispersed pyrite & in quartz vein															
236.60	237.00	0.40										236.60	237.00	Vn	40	series of parallel quartz-pyrite-chlorite veins <3cm					

Lithology							Alteration				Mineralization				Structure							
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
237.10	245.10	8.00	FP		MAR	small-white phenocrysts, few to moderate quartz-calcite & some chlorite veining to 244.3m, then larger veins in broken core EOH at 245.1m																
237.80	238.50	0.70										237.80	238.50	Vn	60		series of complementary albite-calcite veins <5mm					
237.80	238.50	0.70										237.80	238.50	Vn	20		series of complementary albite-calcite veins <5mm					
241.30	241.50	0.20										241.30	241.50	Vn	20		series of complementary albite-calcite veins <3mm					
241.30	241.50	0.20										241.30	241.50	Vn	65		series of complementary albite-calcite veins <3mm					
244.50	245.10	0.60										244.50	245.10	Vn	40		series of parallel albite-calcite-chlorite veins 1cm					

## *Down Hole Surveys*

Hole No.

**DM-10-051**

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<b>BHID</b>	<b>AT</b>	<b>BRG</b>	<b>DIP</b>	<b>TYPE</b>
DM-10-051				
	0.00	360.00	-58.00	Collar
	45.72	357.00	-59.10	Reflex
	91.44	357.60	-59.00	Reflex
	137.16	358.10	-59.00	Reflex
	170.69	357.90	-58.70	Reflex
	213.36	358.20	-58.60	Reflex
	243.84	356.10	-59.40	Reflex

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# Metal Mountain Resources

## Assays Per Hole

Grid-X: 653,634.20 Grud-Y: 6,068,793.22 Grid-Z: 1,262.40 Hole Number: DM-10-051

HOLE ID DM-10-051

FROM	TO	Length	SAMPLE	Au	Ag	Cu	ZN	PB	Wt	ROCKTYPE	Py%	CP%	SL%	GL%	VG	Intersect	LAB	CERT#	ExpVal	ISD-Au	Zscore	BAD	%DIFF
22.70	23.70	1.00	A061493	0.015	0.80				4.00	V/S							ASSCAN	OS0009RA					
22.70	23.70	1.00	A061494	0.015	1.70				1.00	Blank							ASSCAN	OS0009RA	0.015	0.050	0.00		0.00
23.70	24.70	1.00	A061495	0.030	0.05				3.50	V/S							ASSCAN	OS0009RA					
24.70	25.70	1.00	A061496	0.030	0.30				3.50	V/S							ASSCAN	OS0009RA					
25.70	26.70	1.00	A061497	0.015	0.30				3.00	V/S		0.5					ASSCAN	OS0009RA					
26.70	27.40	0.70	A061498	0.015	0.05				3.00	V/S							ASSCAN	OS0009RA					
27.40	27.70	0.30	A061258	0.070	2.10				1.00	QV		0.2					ASSCAN	OS0005RA					
94.50	95.30	0.80	A061499	0.015	0.05				3.00	BTm							ASSCAN	OS0009RA					
95.30	95.90	0.60	A061500	0.015	0.05				1.50	QV						HW	ASSCAN	OS0009RA					
119.60	119.90	0.30	A061501	0.030	0.70				1.00	QV							ASSCAN	OS0009RA					
165.00	165.30	0.30	A061502	0.015	0.70				1.00	FP		0.5					ASSCAN	OS0009RA					
165.30	165.80	0.50	A061259	0.015	2.20				2.00	Va		3					ASSCAN	OS0005RA					
166.10	166.90	0.80	A061260	0.030	0.80				3.00	Va		0.2					ASSCAN	OS0005RA					
169.10	170.20	1.10	A061503	0.015	0.60				4.00	FP							ASSCAN	OS0009RA					
170.20	170.90	0.70	A061261	0.015	0.90				2.00	Va		0.2					ASSCAN	OS0005RA					
170.90	171.50	0.60	A061504	0.015	0.05				2.00	FP							ASSCAN	OS0009RA					
170.90	171.50	0.60	A061505	11.370	2.80				0.10	GS-11A							ASSCAN	OS0009RA	11.210	0.435	0.37		1.43
176.90	177.90	1.00	A061262	0.200	0.05				3.00	Va		0.2					ASSCAN	OS0005RA					
178.70	179.30	0.60	A061263	0.170	1.60				1.50	Va		1					ASSCAN	OS0005RA					
179.30	179.90	0.60	A061506	0.015	0.60				1.50	FT		0.1					ASSCAN	OS0009RA					
190.50	190.90	0.40	A061264	0.030	1.60				1.00	Va		1					ASSCAN	OS0005RA					
190.50	190.90	0.40	A061265	0.015	0.50				0.50	blank							ASSCAN	OS0005RA	0.015	0.050	0.00		0.00
199.20	200.50	1.30	A061266	0.070	1.40				4.00	Va		0.2					ASSCAN	OS0005RA					
200.50	201.90	1.40	A061267	0.070	0.80				3.50	Va		0.2					ASSCAN	OS0005RA					
216.80	217.20	0.40	A061268	0.100	0.05				1.00	Va		0.2					ASSCAN	OS0005RA					
217.20	218.00	0.80	A061269	1.230	13.40				1.00	QV		2	0.2	1		HW	ASSCAN	OS0005RA					
218.00	218.70	0.70	A061270	0.030	0.50				1.50	Va		0.2					ASSCAN	OS0005RA					
222.40	222.70	0.30	A061271	0.030	0.05				1.00	Va		0.2					ASSCAN	OS0005RA					
228.70	229.30	0.60	A061272	0.170	0.20				2.00	Va		0.2					ASSCAN	OS0005RA					
229.30	229.80	0.50	A061273	0.030	0.50				1.00	FP		0.2					ASSCAN	OS0005RA					
229.80	230.60	0.80	A061274	0.070	0.90				3.00	Va		0.2					ASSCAN	OS0005RA					
230.60	231.20	0.60	A061275	0.030	0.90				1.50	FP		0.2					ASSCAN	OS0005RA					
231.20	232.00	0.80	A061276	0.130	0.05				2.50	Va		0.2					ASSCAN	OS0005RA					
231.20	232.00	0.80	A061277	8.770	1.00				0.10	GS-8A							ASSCAN	OS0005RA	8.250	0.300	1.73		6.30
232.00	232.60	0.60	A061278	0.015	1.90				2.00	Va		0.2					ASSCAN	OS0005RA					
232.60	232.90	0.30	A061279	0.015	0.05				0.80	FP		0.2					ASSCAN	OS0005RA					
232.90	233.50	0.60	A061280	3.070	6.60				2.00	Vas		5				HW	ASSCAN	OS0005RA					



**HOLE ID DM-10-051**

FROM	TO	Length	SAMPLE	Au	Ag	Cu	ZN	PB	Wt	ROCKTYPE	Py%	CP%	SL%	GL%	VG	Intersect	LAB	CERT#	ExpVal	SD-Au	Zscore	BAD %	DIFF			
233.50	233.90	0.40	A061281	0.070	0.05				1.50	Va		1					ASSCAN	0S0005RA								
233.90	234.40	0.50	A061282	0.015	0.05				3.00	Va		0.2					ASSCAN	0S0005RA								
234.40	234.60	0.20	A061283	1.930	34.60				0.70	FP		0.2					ASSCAN	0S0005RA								
234.40	234.60	0.20	A061284	0.015	0.05				0.60	blank							ASSCAN	0S0005RA	0.015	0.050	0.00	0.00				
234.60	235.00	0.40	A061285	0.230	0.80				1.00	Va		1					ASSCAN	0S0005RA								
235.00	235.60	0.60	A061286	1.930	71.40				2.50	Vas		3				HW	ASSCAN	0S0005RA								
235.60	236.10	0.50	A061287	0.270	1.50				2.00	Va		3					ASSCAN	0S0005RA								
236.10	236.50	0.40	A061288	11.330	116.10				1.00	Vas		7	0.2			BFW	ASSCAN	0S0005RA								
236.50	237.10	0.60	A061289	1.470	3.60				2.00	Vas		2					ASSCAN	0S0005RA								
237.10	237.60	0.50	A061507	0.015	0.70				1.50	FP							ASSCAN	0S0009RA								
<i>Count:</i>								47																		

## ICP data by hole

BHID: DM-10-051

Hole Name DM-10-051

Cert#	FROM	TO ROCKTYPE	Sample	Ag-ppm	Al-%	As-ppm	Ba-ppm	Bi-ppm	Ca-%	Cd-ppm	Co-ppm	Cr-ppm	Cu-ppm	Fe-%	Ga-ppm	K-%	La-ppm	Li-ppm	Mg-%
OS0009RR	22.70	23.70 V/S	A061493	0.5	7.310	16	513	2.5	6.960	2.0	29.0	30.0	30.0	5.040	26.0	0.600	5	14.0	1.170
OS0009RR	22.70	23.70 Blank	A061494	0.5	0.050	5	5	2.5	25.000	0.5	0.5	10.0	0.5	0.050	7.0	0.010	5	0.5	1.540
OS0009RR	23.70	24.70 V/S	A061495	0.5	6.340	5	254	2.5	14.020	2.0	23.0	24.0	26.0	4.560	25.0	0.540	5	11.0	1.120
OS0009RR	24.70	25.70 V/S	A061496	0.5	7.170	21	244	2.5	11.070	1.0	22.0	22.0	31.0	4.040	23.0	0.520	5	6.0	1.000
OS0009RR	25.70	26.70 V/S	A061497	0.5	7.250	18	247	2.5	5.400	2.0	18.0	35.0	30.0	5.150	27.0	0.720	5	21.0	1.240
OS0009RR	26.70	27.40 V/S	A061498	1.0	6.620	13	320	2.5	3.250	3.0	26.0	45.0	111.0	3.510	23.0	0.990	5	15.0	0.960
OS0005RR	27.40	27.70 QV	A061258	1.0	7.380	54	104	2.5	4.920	3.0	19.0	39.0	349.0	5.010	48.0	0.130	5	24.0	1.440
OS0009RR	94.50	95.30 BTm	A061499	0.5	7.300	5	770	2.5	5.710	3.0	41.0	117.0	9.0	5.890	34.0	1.410	5	25.0	4.740
OS0009RR	95.30	95.90 QV	A061500	0.5	3.650	5	1551	2.5	9.170	2.0	27.0	94.0	6.0	3.710	23.0	1.330	5	17.0	4.400
OS0009RR	119.60	119.90 QV	A061501	0.5	4.210	39	1438	2.5	17.950	2.0	25.0	161.0	492.0	3.820	23.0	0.050	5	10.0	1.930
OS0009RR	165.00	165.30 FP	A061502	0.5	10.710	5	2148	2.5	3.030	0.5	24.0	21.0	41.0	3.540	31.0	4.720	5	7.0	1.740
OS0005RR	165.30	165.80 Va	A061259	1.0	10.390	5	652	2.5	2.750	1.0	22.0	27.0	89.0	4.660	46.0	4.030	5	8.0	1.200
OS0005RR	166.10	166.90 Va	A061260	0.5	9.840	5	1387	2.5	6.350	2.0	22.0	54.0	76.0	5.610	58.0	3.720	5	17.0	0.960
OS0009RR	169.10	170.20 FP	A061503	0.5	8.640	5	2166	2.5	6.960	3.0	28.0	17.0	22.0	5.950	32.0	3.060	5	15.0	1.810
OS0005RR	170.20	170.90 Va	A061261	0.5	10.420	5	1409	2.5	2.750	2.0	18.0	18.0	87.0	5.510	53.0	3.930	5	19.0	1.190
OS0009RR	170.90	171.50 FP	A061504	0.5	10.950	5	1615	2.5	7.110	2.0	27.0	19.0	2.0	5.660	35.0	4.640	5	9.0	1.860
OS0009RR	170.90	171.50 GS-11A	A061505	3.0	3.990	10000	422	8.0	2.300	2.0	23.0	86.0	94.0	4.410	22.0	1.600	15	4.0	0.950
OS0005RR	176.90	177.90 Va	A061262	0.5	8.560	10	1496	2.5	5.030	2.0	24.0	36.0	12.0	4.930	45.0	2.240	5	13.0	1.340
OS0005RR	178.70	179.30 Va	A061263	1.0	9.020	41	454	2.5	6.080	3.0	21.0	43.0	28.0	5.690	37.0	3.350	5	8.0	0.600
OS0009RR	179.30	179.90 FT	A061506	0.5	10.020	26	3578	2.5	3.750	1.0	34.0	21.0	79.0	4.650	30.0	2.450	5	20.0	1.630
OS0005RR	190.50	190.90 Va	A061264	0.5	8.850	5	1820	2.5	1.650	1.0	30.0	46.0	47.0	3.150	40.0	3.610	5	9.0	0.830
OS0005RR	190.50	190.90 blank	A061265	0.5	0.100	5	35	2.5	25.000	0.5	0.5	6.0	0.5	0.070	26.0	0.040	5	1.0	1.350
OS0005RR	199.20	200.50 Va	A061266	0.5	9.360	5	987	2.5	1.640	3.0	23.0	31.0	17.0	7.090	57.0	3.050	5	15.0	0.900
OS0005RR	200.50	201.90 Va	A061267	0.5	9.650	5	683	2.5	1.340	1.0	22.0	37.0	5.0	4.930	41.0	1.880	5	20.0	1.020
OS0005RR	216.80	217.20 Va	A061268	0.5	9.550	5	995	2.5	3.520	3.0	24.0	32.0	37.0	6.410	31.0	3.650	5	17.0	1.280
OS0005RR	217.20	218.00 QV	A061269	11.0	7.860	51	903	12.0	3.220	58.0	24.0	89.0	754.0	4.430	23.0	2.860	5	15.0	1.130
OS0005RR	218.00	218.70 Va	A061270	1.0	9.880	5	1608	2.5	3.570	1.0	40.0	21.0	61.0	3.920	26.0	3.810	5	12.0	1.250
OS0005RR	222.40	222.70 Va	A061271	0.5	8.800	5	1579	2.5	3.760	1.0	30.0	38.0	44.0	4.590	26.0	3.100	5	18.0	1.460
OS0005RR	228.70	229.30 Va	A061272	1.0	9.170	10	1487	2.5	3.360	3.0	23.0	15.0	284.0	6.270	30.0	1.970	5	16.0	1.880
OS0005RR	229.30	229.80 FP	A061273	0.5	8.710	5	1559	2.5	2.980	3.0	21.0	18.0	14.0	6.630	29.0	2.230	5	8.0	1.520
OS0005RR	229.80	230.60 Va	A061274	1.0	8.210	13	2325	2.5	4.890	4.0	21.0	26.0	188.0	6.190	29.0	2.460	5	19.0	1.970
OS0005RR	230.60	231.20 FP	A061275	0.5	9.260	5	1163	2.5	3.920	3.0	28.0	17.0	51.0	6.690	28.0	2.230	5	11.0	1.680
OS0005RR	231.20	232.00 GS-8A	A061277	2.0	4.020	10000	373	6.0	2.310	1.0	27.0	87.0	129.0	4.830	18.0	1.240	10	10.0	0.910
OS0005RR	231.20	232.00 Va	A061276	0.5	8.640	17	2905	2.5	4.550	21.0	21.0	18.0	119.0	5.740	26.0	2.890	5	15.0	1.610
OS0005RR	232.00	232.60 Va	A061278	2.0	8.480	58	1134	2.5	6.610	7.0	22.0	15.0	168.0	4.970	26.0	2.830	5	17.0	2.220
OS0005RR	232.60	232.90 FP	A061279	0.5	10.050	5	1370	2.5	4.600	3.0	29.0	15.0	2.0	6.410	31.0	3.170	5	6.0	1.630
OS0005RR	232.90	233.50 Vas	A061280	10.0	6.650	377	51	2.5	3.730	32.0	23.0	62.0	491.0	12.040	33.0	2.530	5	6.0	1.390
OS0005RR	233.50	233.90 Va	A061281	1.0	8.390	17	1108	2.5	6.560	5.0	26.0	35.0	50.0	6.580	32.0	3.090	5	9.0	2.220

*Hole Name*                      *DM-10-051*

<i>Cert#</i>	<i>FROM</i>	<i>TO ROCKTYPE</i>	<i>Sample</i>	<i>Ag-ppm</i>	<i>Al-%</i>	<i>As-ppm</i>	<i>Ba-ppm</i>	<i>Bi-ppm</i>	<i>Ca-%</i>	<i>Cd-ppm</i>	<i>Co-ppm</i>	<i>Cr-ppm</i>	<i>Cu-ppm</i>	<i>Fe-%</i>	<i>Ga-ppm</i>	<i>K-%</i>	<i>La-ppm</i>	<i>Li-ppm</i>	<i>Mg-%</i>	
OS0005RR	233.90	234.40	Va	A061282	0.5	6.430	5	1443	2.5	11.140	4.0	35.0	155.0	19.0	5.540	31.0	2.720	5	5.0	4.380
OS0005RR	234.40	234.60	FP	A061283	31.0	8.900	308	716	44.0	3.240	29.0	20.0	49.0	3814.0	7.080	31.0	3.550	5	18.0	1.440
OS0005RR	234.40	234.60	blank	A061284	0.5	0.060	5	16	2.5	25.000	0.5	0.5	4.0	0.5	0.060	5.0	0.030	5	1.0	1.750
OS0005RR	234.60	235.00	Va	A061285	2.0	6.380	27	713	2.5	9.040	6.0	22.0	59.0	67.0	5.590	25.0	2.320	5	10.0	2.720
OS0005RR	235.00	235.60	Vas	A061286	70.0	8.840	963	148	20.0	2.530	18.0	25.0	48.0	3503.0	7.420	30.0	3.390	5	10.0	1.130
OS0005RR	235.60	236.10	Va	A061287	3.0	8.130	66	197	2.5	3.470	16.0	21.0	63.0	370.0	7.220	27.0	3.060	5	8.0	1.430
OS0005RR	236.10	236.50	Vas	A061288	115.0	4.860	198	49	104.0	1.400	19.0	16.0	121.0	3533.0	12.490	24.0	1.860	5	5.0	0.820
OS0005RR	236.50	237.10	Vas	A061289	4.0	9.780	20	579	6.0	4.700	8.0	23.0	57.0	669.0	6.570	33.0	3.000	5	19.0	1.810
OS0009RR	237.10	237.60	FP	A061507	0.5	8.380	5	1062	2.5	5.920	2.0	23.0	10.0	56.0	4.490	32.0	2.100	5	12.0	2.380

*Count:*                                      47

# Metal Mountain Resourc

## Assayers Canda-ICP import file with sample data

BHID: DM-10-051

Hole Name DM-10-051

Cert#	FROM	TO	ROCKTYPE	Sample	Mn-ppm	Mo-ppm	Na-%	Nb-ppm	Ni-ppm	Pb-ppm	S-%	Sb-ppm	Sc-ppm	Sn-ppm	Sr-ppm	Ta-ppm	Te-ppm	Ti-%	V-ppm	W-ppm	Y-ppm	Zn-ppm	Zr-ppm
0S0009RR	22.70	23.70	V/S	A061493	1179	3	3.600	5	14	7	1.410	6.0	24.0	5	193.0	2.5	21	0.440	174.0	5	16.0	99.0	64.0
0S0009RR	22.70	23.70	Blank	A061494	34	6	0.030	5	9	16	0.940	2.5	0.5	27	5481.0	2.5	5	0.005	2.0	5	0.5	11.0	1.0
0S0009RR	23.70	24.70	V/S	A061495	1614	4	3.190	5	14	6	1.080	2.5	20.0	11	273.0	2.5	17	0.370	153.0	5	18.0	69.0	64.0
0S0009RR	24.70	25.70	V/S	A061496	1492	5	4.340	5	13	4	1.080	5.0	19.0	11	218.0	2.5	12	0.310	147.0	5	15.0	84.0	64.0
0S0009RR	25.70	26.70	V/S	A061497	1771	3	3.450	5	11	2	0.490	2.5	18.0	5	148.0	2.5	14	0.320	114.0	5	15.0	84.0	87.0
0S0009RR	26.70	27.40	V/S	A061498	1909	3	3.040	5	8	7	0.590	2.5	19.0	5	120.0	2.5	13	0.350	127.0	5	11.0	166.0	61.0
0S0005RR	27.40	27.70	QV	A061258	1517	3	5.640	5	7	27	0.610	21.0	12.0	55	297.0	20.0	24	0.210	85.0	5	8.0	128.0	21.0
0S0009RR	94.50	95.30	BTm	A061499	1360	1	2.520	5	57	10	0.120	12.0	31.0	5	644.0	2.5	20	0.420	301.0	5	12.0	60.0	19.0
0S0009RR	95.30	95.90	QV	A061500	1681	2	0.340	5	35	11	0.220	11.0	16.0	11	563.0	9.0	15	0.220	147.0	5	14.0	42.0	15.0
0S0009RR	119.60	119.90	QV	A061501	1427	4	0.770	5	86	5	0.440	9.0	22.0	13	1149.0	2.5	10	0.210	177.0	5	8.0	27.0	14.0
0S0009RR	165.00	165.30	FP	A061502	862	1	0.660	5	5	17	1.250	2.5	13.0	5	114.0	2.5	11	0.350	103.0	5	9.0	59.0	38.0
0S0005RR	165.30	165.80	Va	A061259	715	3	0.320	5	3	40	2.570	2.5	14.0	5	70.0	35.0	24	0.240	111.0	5	9.0	81.0	49.0
0S0005RR	166.10	166.90	Va	A061260	1450	3	0.210	5	13	8	1.460	5.0	25.0	77	112.0	34.0	22	0.320	210.0	5	10.0	93.0	37.0
0S0009RR	169.10	170.20	FP	A061503	2143	2	0.280	5	1	15	0.180	5.0	22.0	5	148.0	2.5	21	0.450	255.0	5	13.0	116.0	44.0
0S0005RR	170.20	170.90	Va	A061261	899	3	0.210	5	7	1	0.930	7.0	23.0	47	62.0	18.0	23	0.340	205.0	5	11.0	81.0	34.0
0S0009RR	170.90	171.50	FP	A061504	1475	2	0.240	5	3	31	0.140	5.0	23.0	5	110.0	2.5	19	0.490	125.0	5	18.0	67.0	64.0
0S0009RR	170.90	171.50	GS-11A	A061505	586	21	0.430	5	52	708	1.030	6.0	9.0	5	102.0	2.5	5	0.140	89.0	5	5.0	234.0	74.0
0S0005RR	176.90	177.90	Va	A061262	2411	1	1.350	5	6	14	0.880	7.0	20.0	44	107.0	14.0	17	0.240	164.0	5	9.0	181.0	31.0
0S0005RR	178.70	179.30	Va	A061263	3206	3	0.400	5	12	23	3.120	5.0	18.0	75	168.0	21.0	18	0.210	132.0	5	9.0	102.0	26.0
0S0009RR	179.30	179.90	FT	A061506	1641	3	2.350	5	10	28	0.670	5.0	23.0	5	277.0	2.5	12	0.360	229.0	5	10.0	101.0	46.0
0S0005RR	190.50	190.90	Va	A061264	520	2	0.170	5	7	117	1.190	5.0	19.0	24	212.0	25.0	13	0.210	154.0	5	7.0	71.0	27.0
0S0005RR	190.50	190.90	blank	A061265	38	6	0.010	5	17	34	1.420	2.5	0.5	354	5025.0	31.0	5	0.005	2.0	5	0.5	22.0	0.0
0S0005RR	199.20	200.50	Va	A061266	3473	3	0.310	5	1	1	1.230	2.5	21.0	23	60.0	32.0	23	0.300	187.0	5	12.0	120.0	38.0
0S0005RR	200.50	201.90	Va	A061267	1447	2	2.170	5	8	1	0.510	5.0	23.0	5	113.0	17.0	22	0.330	190.0	5	13.0	105.0	53.0
0S0005RR	216.80	217.20	Va	A061268	2996	1	0.380	5	9	4	1.440	7.0	22.0	12	100.0	2.5	5	0.140	257.0	5	6.0	133.0	9.0
0S0005RR	217.20	218.00	QV	A061269	3516	4	0.330	5	10	215	1.830	38.0	20.0	14	135.0	2.5	5	0.150	181.0	74	5.0	3948.0	8.0
0S0005RR	218.00	218.70	Va	A061270	1884	2	0.420	5	11	6	0.670	7.0	26.0	15	106.0	2.5	5	0.290	227.0	5	6.0	120.0	11.0
0S0005RR	222.40	222.70	Va	A061271	1059	1	0.410	5	7	1	0.110	8.0	20.0	19	110.0	2.5	11	0.270	188.0	5	5.0	213.0	11.0
0S0005RR	228.70	229.30	Va	A061272	2249	1	2.680	5	7	9	0.620	21.0	20.0	12	209.0	2.5	5	0.110	190.0	5	6.0	241.0	11.0
0S0005RR	229.30	229.80	FP	A061273	1486	1	2.310	5	4	2	0.070	7.0	19.0	11	185.0	2.5	5	0.170	183.0	5	6.0	178.0	11.0
0S0005RR	229.80	230.60	Va	A061274	2890	1	0.740	5	6	22	0.330	15.0	19.0	10	187.0	2.5	5	0.140	186.0	5	6.0	331.0	9.0
0S0005RR	230.60	231.20	FP	A061275	1338	3	2.330	5	6	1	0.080	11.0	22.0	14	205.0	2.5	11	0.270	205.0	5	7.0	200.0	14.0
0S0005RR	231.20	232.00	GS-8A	A061277	681	22	0.940	5	60	969	1.170	6.0	10.0	5	115.0	5.0	5	0.110	103.0	5	8.0	245.0	50.0
0S0005RR	231.20	232.00	Va	A061276	2882	3	0.820	5	10	16	0.630	8.0	19.0	11	175.0	2.5	5	0.200	199.0	18	7.0	1194.0	13.0
0S0005RR	232.00	232.60	Va	A061278	2679	3	1.240	5	8	216	0.600	43.0	14.0	32	137.0	2.5	5	0.220	195.0	5	10.0	339.0	22.0
0S0005RR	232.60	232.90	FP	A061279	1434	2	1.950	5	7	1	0.090	5.0	17.0	18	128.0	2.5	10	0.270	202.0	5	8.0	236.0	13.0
0S0005RR	232.90	233.50	Vas	A061280	4612	4	0.400	5	3	104	7.560	23.0	11.0	10	59.0	9.0	17	0.130	141.0	32	6.0	1151.0	14.0

*Hole Name*                      *DM-10-051*

<i>Cert#</i>	<i>FROM</i>	<i>TO</i>	<i>ROCKTYPE</i>	<i>Sample</i>	<i>Mn-ppm</i>	<i>Mo-ppm</i>	<i>Na-%</i>	<i>Nb-ppm</i>	<i>Ni-ppm</i>	<i>Pb-ppm</i>	<i>S-%</i>	<i>Sb-ppm</i>	<i>Sc-ppm</i>	<i>Sn-ppm</i>	<i>Sr-ppm</i>	<i>Ta-ppm</i>	<i>Te-ppm</i>	<i>Ti-%</i>	<i>V-ppm</i>	<i>W-ppm</i>	<i>Y-ppm</i>	<i>Zn-ppm</i>	<i>Zr-ppm</i>
OS0005RR	233.50	233.90	Va	A061281	5214	2	0.500	5	11	17	1.060	11.0	15.0	29	117.0	2.5	11	0.180	165.0	5	10.0	317.0	14.0
OS0005RR	233.90	234.40	Va	A061282	3552	1	0.290	5	42	18	0.230	12.0	30.0	30	162.0	2.5	5	0.120	226.0	5	10.0	410.0	5.0
OS0005RR	234.40	234.60	FP	A061283	1870	7	0.530	5	8	739	2.720	329.0	15.0	17	75.0	2.5	5	0.130	131.0	97	6.0	1469.0	10.0
OS0005RR	234.40	234.60	blank	A061284	50	7	0.020	5	12	29	0.960	2.5	0.5	64	5202.0	2.5	5	0.005	2.0	5	0.5	19.0	0.0
OS0005RR	234.60	235.00	Va	A061285	5363	4	0.520	5	10	81	1.650	8.0	11.0	40	139.0	9.0	5	0.080	100.0	13	12.0	385.0	9.0
OS0005RR	235.00	235.60	Vas	A061286	3152	3	0.490	5	4	297	4.530	425.0	15.0	16	61.0	2.5	5	0.090	115.0	27	5.0	650.0	9.0
OS0005RR	235.60	236.10	Va	A061287	3908	4	0.390	5	4	35	3.580	13.0	14.0	19	53.0	2.5	5	0.100	112.0	23	7.0	718.0	9.0
OS0005RR	236.10	236.50	Vas	A061288	2561	1	0.250	5	5	1113	9.270	64.0	7.0	5	28.0	2.5	22	0.060	90.0	27	2.0	367.0	9.0
OS0005RR	236.50	237.10	Vas	A061289	2149	4	0.650	5	7	47	2.160	10.0	17.0	12	105.0	2.5	10	0.210	171.0	11	8.0	397.0	15.0
OS0009RR	237.10	237.60	FP	A061507	2039	2	1.620	5	2	22	0.120	6.0	14.0	5	136.0	2.5	13	0.310	169.0	5	13.0	246.0	47.0

*Count:*                                      47



# Drill Hole Log

Hole Number: **DM-10-052**

**Grid-X:** 653,680.76      **Brg:** 360.00      **Ovb:** 18.90      **Surveyor:** 0      **Drill:** Driftwood Diamond Drilling  
**Grid-Y:** 6,068,838.10      **Dip:** -58.00      **Casing:** 19.80      **Survey Date:** 30-Dec-1899      **Drill Dates:** 02-Mar-10      **to**      03-Mar-10  
**Grid-Z:** 1,253.15      **Depth:** 171.90      **Recover Casing:** HQ      **Core Size:** HQ      **Geologist:** Bryan Muloin  
**NTS:** 93L 077      **Claim:** 0      **Area:** 0      **Log Dates:** 04-Mar-10      **to**      05-Mar-10  
**Target:** Exploration for Boulder FW vein extension      **Comments:** Collared in centre of Sediment Pond - drillpad "C"

Lithology						Alteration				Mineralization				Structure								
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
0.00	18.90	18.90	<b>OB</b>			no recovery																
18.90	25.40	6.50					18.90	25.40	SI		3											
18.90	25.40	6.50					18.90	25.40	CB		2											
18.90	25.40	6.50	<b>V/S</b>		GRY	aphanitic, siliceous, few veins, has the pattern of swarms of fine parallel calcite veins, pyrite <<1% at 23.4m. Fault at 25.4m, with 25cm siliceous halo.																
25.40	51.90	26.50					25.40	51.90	SI		2											
25.40	51.90	26.50					25.40	51.90	CB		1											
25.40	51.90	26.50	<b>FP</b>		GRN	small white phenocrysts 1mm are present but in patches only to 29.0m, then continuous; calcite is absent except for 35.5 - 38.5m where it is in parallel to core axis, veins 1cm, few veins except 34.0 - 38.0m. 47.1-48.05m: siliceous/bleached. 50.9-51.9m: bleached tan.																
34.00	35.00	1.00											34.00	35.00	Vn	30	series of complementary albite veins 2mm					
51.90	52.55	0.65					51.90	52.55	CB		1											
51.90	52.55	0.65	<b>BTm</b>		MAR	various textures: breccia, banded, aphanitic																
52.55	52.80	0.25	<b>NC</b>			0.25m core lost																
52.80	56.90	4.10					52.80	56.90	CB		1											
52.80	56.90	4.10	<b>BTm</b>		MAR																	
56.90	59.00	2.10					56.90	59.00	CB		1											
56.90	59.00	2.10	<b>Va</b>		GRN	altered andesite, probably centers on albite-pyrite vein																
59.00	74.90	15.90					59.00	74.90	CB		2											
59.00	74.90	15.90	<b>BTm</b>		MAR	breccia texture, rounded to angular, moderately veined																

Lithology						Alteration				Mineralization				Structure								
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
74.90	75.70	0.80	<b>Dkin</b>		GRN	aphanitic dyke uphole contact abrupt @ 90° has calcite veins as tension fracture filling, no calcite veins in dyke, downhole contact 80° has albite veins @ 50° both sides that terminate at contact																
75.70	77.80	2.10					75.70	77.80	CB		1											
75.70	77.80	2.10	<b>BTm</b>		MAR	breccia texture rounded to angular, complementary veined																
77.80	79.20	1.40					77.80	79.20	CB		1											
77.80	79.20	1.40	<b>Dkin</b>		GRY	porphyry dyke, abrupt contacts, limited veining																
79.20	92.90	13.70					79.20	92.90	CB		1											
79.20	92.90	13.70	<b>BTm</b>		MAR	breccia texture, below complementary set the veining ceases. Bleached pink 86.4-87.0m.																
92.90	93.80	0.90					92.90	93.80	CB		1											
92.90	93.80	0.90	<b>Va</b>		GRN	series of short aphanitic green dyke like intrusions altering BTm																
93.80	94.80	1.00					93.80	94.80	CB		1											
93.80	94.80	1.00	<b>BTm</b>		MAR	breccia texture																
94.80	96.60	1.80					94.80	96.60	CB		2											
94.80	96.60	1.80	<b>AB</b>		MAR	pattern of small 3mm calcite amygdules as alteration of BTm																
96.60	114.40	17.80					96.60	114.40	CB		1											
96.60	114.40	17.80	<b>BTm</b>		MAR	breccia texture up hole changing to aphanitic with occasional clasts, several narrow bands are calcite amygdules, very few veins																
114.40	126.00	11.60					114.40	126.00	CB		1											
114.40	126.00	11.60	<b>FP</b>		MAR	small-white phenocrysts 1mm in purple-maroon unit																
126.00	130.80	4.80					126.00	130.80	CB		1											
126.00	130.80	4.80	<b>BTm</b>		MAR	this unit has several short and bleached to green-Va-alteration zones seen as halo zones on albite veins with calcite as limited presence in these veins																
130.80	132.30	1.50					130.80	132.30	CB		1											
130.80	132.30	1.50	<b>Va</b>		GRN	green-tan alteration zone is halo on vein 131.1 - 131.3m, calcite present in halo but not in vein																
132.30	134.00	1.70					132.30	134.00	CB		2											
132.30	134.00	1.70	<b>BTm</b>		MAR	little calcite veins																
134.00	144.40	10.40					134.00	144.40	CB		1											
134.00	144.40	10.40	<b>FP</b>		GRN	through this unit are some areas of white phenocrysts while in others they are absent, calcite is present to 141.4m																

Lithology						Alteration				Mineralization				Structure						
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	StyleDeg	From	To	Code	%	Comments	From	To	Code	CA	Comments
144.40	147.50	3.10					144.40	147.50	CB	1										
144.40	147.50	3.10	Vas		BLE	pink & off-white zones carry increased pyrite content though white phenocrysts are still present														
147.70	150.90	3.20					147.70	150.90	CB	1										
147.70	150.90	3.20	FP		MAR	darker-purple zone, small phenocrysts 1mm														
150.90	153.30	2.40					150.90	153.30	CB	1										
150.90	153.30	2.40	Va		BLE															
153.30	153.70	0.40					153.30	153.70	CB	0										
153.30	153.70	0.40	FP		MAR	darker-purple zone, small phenocrysts 1mm														
153.70	154.60	0.90					153.70	154.60	CB	0										
153.70	154.60	0.90	Va		BLE	dispersed cubic pyrite														
154.60	154.80	0.20					154.60	154.80	CB	0										
154.60	154.80	0.20					154.60	154.80	SI	4										
154.60	154.80	0.20	QV		WHT	white bull-quartz with pyrite, vein has gouge zone on down hole contact														
154.80	156.20	1.40					154.80	156.20	CB	0										
154.80	156.20	1.40	Va		BLE	dispersed cubic pyrite														
156.20	156.70	0.50	NC			0.5 meters lost in kaolin-like clay breccia														
156.70	156.80	0.10					156.70	156.80	CB	0										
156.70	156.80	0.10	Va		BLE	contact is abrupt planar														
156.80	157.50	0.70					156.80	157.50	CB	0										
156.80	157.50	0.70	FP		MAR	darker-purple zone, no phenocrysts														
157.50	159.50	2.00					157.50	159.50	CB	0										
157.50	159.50	2.00	Va		BLE	pink fine-granular altered volcanic, 159.0 - 159.5m becomes clay gouge zone														
159.50	161.00	1.50					159.50	161.00	CB	0										
159.50	161.00	1.50	FP		GRN	some white phenocrysts in some of it, few veins to end of hole														
161.00	162.90	1.90					161.00	162.90	CB	1										
161.00	162.90	1.90	FP		MAR	darker-purple, white phenocrysts present intermittently, calcite veins start 161.6														
162.90	166.90	4.00					162.90	166.90	CB	1										
162.90	166.90	4.00	FP		GRN	white phenocrysts randomly present, calcite veins stop at 164.5m														
166.90	171.90	5.00					166.90	171.90	CB	0										
166.90	171.90	5.00	FP		MAR	green zones in this unit are haloes on albite veins EOH at 171.9														



## *Down Hole Surveys*

Hole No. **DM-10-052**

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<b>BHID</b>	<b>AT</b>	<b>BRG</b>	<b>DIP</b>	<b>TYPE</b>
DM-10-052				
	0.00	360.00	-58.00	Collar
	45.72	351.20	-57.80	Reflex
	91.44	351.80	-57.90	Reflex
	137.16	351.10	-57.10	Reflex
	170.69	351.80	-56.60	Reflex

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# Metal Mountain Resources

## Assays Per Hole

Grid-X: 653,680.76 Grud-Y: 6,068,838.10 Grid-Z: 1,253.15 Hole Number: DM-10-052

HOLE ID DM-10-052

FROM	TO	Length	SAMPLE	Au	Ag	Cu	ZN	PB	Wt	ROCKTYPE	Py%	CP%	SL%	GL%	VG	Intersect	LAB	CERT#	ExpVal	ISD-Au	Zscore	BAD	%DIFF
20.15	20.55	0.40	A061482	0.015	0.05				1.00	V/S							ASSCAN	OS0008RA					
21.60	22.60	1.00	A061483	0.015	0.30				3.00	V/S							ASSCAN	OS0008RA					
22.60	23.50	0.90	A061484	0.015	0.50				3.00	V/S							ASSCAN	OS0008RA					
23.50	24.40	0.90	A061485	0.030	0.30				2.00	V/S							ASSCAN	OS0008RA					
24.40	25.00	0.60	A061486	0.030	0.20				2.00	V/S							ASSCAN	OS0008RA					
25.00	25.75	0.75	A061487	0.015	0.80				2.00	Va							ASSCAN	OS0008RA					
47.10	48.10	1.00	A061488	0.015	0.05				2.00	FP							ASSCAN	OS0008RA					
47.10	48.10	1.00	A061489	8.330	1.60				0.10	GS-8A							ASSCAN	OS0008RA	8.250	0.300	0.27	0.97	
50.80	51.60	0.80	A061490	0.015	0.05				3.00	Va							ASSCAN	OS0008RA					
51.60	51.95	0.35	A061491	0.015	0.05				1.00	Va							ASSCAN	OS0008RA					
51.95	52.30	0.35	A061492	0.015	0.05				1.50	BTm							ASSCAN	OS0008RA					
56.10	56.50	0.40	A061290	0.030	0.30				1.00	BTm							ASSCAN	OS0005RA					
57.10	57.50	0.40	A061291	0.400	4.50				2.00	Va			1				ASSCAN	OS0005RA					
124.40	124.80	0.40	A061292	0.015	0.10				1.50	FP			0.2				ASSCAN	OS0005RA					
124.40	124.80	0.40	A061293	0.015	0.40				1.00	DUP			0.2				ASSCAN	OS0005RA					
129.50	130.00	0.50	A061294	0.015	0.05				2.00	BTm			0.2				ASSCAN	OS0005RA					
129.50	130.00	0.50	A061295	11.000	1.40				0.10	GS-11A							ASSCAN	OS0005RA	11.210	0.435	-0.48	-1.87	
130.00	130.80	0.80	A061296	0.015	0.05				2.00	BTm			0.2				ASSCAN	OS0005RA					
130.80	131.30	0.50	A061297	0.015	0.05				1.50	Va			0.2				ASSCAN	OS0005RA					
131.30	132.30	1.00	A061298	0.015	0.05				2.00	Va			0.2				ASSCAN	OS0005RA					
132.30	132.90	0.60	A061299	0.015	0.90				2.00	Va			0.2				ASSCAN	OS0005RA					
144.40	145.00	0.60	A061300	0.015	3.20				1.00	Vas			2				ASSCAN	OS0005RA					
145.00	145.50	0.50	A061301	0.015	0.60				1.50	Va			0.2				ASSCAN	OS0005RA					
145.50	145.90	0.40	A061302	0.015	2.10				1.50	Vas			5				ASSCAN	OS0005RA					
145.90	146.30	0.40	A061303	0.015	0.30				1.00	FP			0.2				ASSCAN	OS0005RA					
146.30	146.90	0.60	A061304	0.015	2.10				2.00	Vas			3				ASSCAN	OS0005RA					
146.90	147.50	0.60	A061305	0.015	5.30				2.50	Va			3				ASSCAN	OS0005RA					
147.50	148.10	0.60	A061306	0.015	0.60				1.50	FP			0.2				ASSCAN	OS0005RA					
147.50	148.10	0.60	A061307	0.015	1.20				0.60	Blank							ASSCAN	OS0005RA	0.015	0.050	0.00	0.00	
148.10	149.10	1.00	A061308	0.015	0.40				4.00	FP			0.2				ASSCAN	OS0005RA					
149.10	149.90	0.80	A061309	0.015	1.20				3.00	FP			0.2				ASSCAN	OS0005RA					
149.90	150.90	1.00	A061310	0.015	0.40				3.50	FP			0.2				ASSCAN	OS0005RA					
150.90	151.50	0.60	A061311	2.030	5.60		2.380		1.50	Va			1		1		ASSCAN	OS0005RA					
151.50	152.10	0.60	A061312	0.030	1.10				2.00	Va			0.2				ASSCAN	OS0005RA					
152.10	152.70	0.60	A061313	0.030	1.20				2.00	Va			0.2				ASSCAN	OS0005RA					
152.70	153.30	0.60	A061314	0.015	1.30				2.00	Va			1				ASSCAN	OS0005RA					
152.70	153.30	0.60	A061315	8.270	3.40				0.10	GS-8A							ASSCAN	OS0005RA	8.250	0.300	0.07	0.24	

**HOLE ID**      **DM-10-052**

FROM	TO	Length	SAMPLE	Au	Ag	Cu	ZN	PB	Wt	ROCKTYPE	Py%	CP%	SL%	GL%	VG	Intersect	LAB	CERT#	ExpVal	ISD-Au	Zscore	BAD	%DIFF
153.30	153.70	0.40	A061316	0.015	0.80				1.00	FP	0.2						ASSCAN	OS0005RA					
153.70	154.10	0.40	A061317	0.015	0.50				1.00	Va	0.2						ASSCAN	OS0005RA					
154.10	154.60	0.50	A061318	0.030	1.70				1.00	Va	2						ASSCAN	OS0005RA					
154.60	154.80	0.20	A061319	1215.133	205.20				0.80	QV	5	0.1	0.5		BFW	ASSCAN	OS0005RA						
154.80	155.20	0.40	A061320	0.070	1.20				1.50	Va	1						ASSCAN	OS0005RA					
155.20	155.80	0.60	A061321	6.570	1.70				2.00	Va	1						ASSCAN	OS0005RA					
155.80	156.80	1.00	A061322	0.030	1.30				1.00	Va	0.2						ASSCAN	OS0005RA					
156.80	157.50	0.70	A061323	0.130	0.05				2.50	FP	0.2						ASSCAN	OS0005RA					
157.50	157.90	0.40	A061324	0.030	2.00				1.00	Va	0.2						ASSCAN	OS0005RA					
160.00	160.70	0.70	A061325	0.030	0.70				2.00	FP	0.2						ASSCAN	OS0005RA					
160.00	160.70	0.70	A061326	0.015	0.50				0.50	Blank							ASSCAN	OS0005RA	0.015	0.050	0.00		0.00
164.70	165.20	0.50	A061327	0.200	0.40				2.00	FP	1						ASSCAN	OS0005RA					

**Count:**                      49

## ICP data by hole

BHID: DM-10-052

Hole Name DM-10-052

Cert#	FROM	TO ROCKTYPE	Sample	Ag-ppm	Al-%	As-ppm	Ba-ppm	Bi-ppm	Ca-%	Cd-ppm	Co-ppm	Cr-ppm	Cu-ppm	Fe-%	Ga-ppm	K-%	La-ppm	Li-ppm	Mg-%
OS0008RR	20.15	20.55 V/S	A061482	0.5	5.050	5	139	2.5	4.410	1.0	13.0	88.0	19.0	3.000	13.0	0.290	5	17.0	0.660
OS0008RR	21.60	22.60 V/S	A061483	0.5	6.580	5	231	2.5	2.380	2.0	18.0	63.0	31.0	4.570	21.0	0.480	5	16.0	1.130
OS0008RR	22.60	23.50 V/S	A061484	0.5	5.530	13	207	2.5	3.140	1.0	12.0	59.0	25.0	3.280	16.0	0.360	10	9.0	0.780
OS0008RR	23.50	24.40 V/S	A061485	0.5	5.240	5	155	2.5	3.280	1.0	10.0	80.0	14.0	3.040	13.0	0.210	11	10.0	0.840
OS0008RR	24.40	25.00 V/S	A061486	0.5	5.830	5	245	2.5	2.980	3.0	17.0	63.0	33.0	4.000	19.0	0.310	5	21.0	0.900
OS0008RR	25.00	25.75 Va	A061487	0.5	7.050	5	605	5.0	4.100	13.0	17.0	27.0	26.0	5.970	24.0	0.770	5	31.0	1.450
OS0008RR	47.10	48.10 GS-8A	A061489	2.0	3.580	10000	335	14.0	2.200	1.0	24.0	79.0	113.0	4.490	15.0	1.090	5	9.0	0.810
OS0008RR	47.10	48.10 FP	A061488	0.5	7.690	5	174	7.0	2.770	2.0	21.0	11.0	14.0	5.590	20.0	0.110	5	33.0	1.630
OS0008RR	50.80	51.60 Va	A061490	0.5	7.250	11	71	2.5	2.680	0.5	10.0	26.0	14.0	2.840	16.0	0.050	10	45.0	0.980
OS0008RR	51.60	51.95 Va	A061491	0.5	6.530	5	112	2.5	3.960	1.0	17.0	42.0	38.0	3.790	16.0	0.180	10	61.0	1.360
OS0008RR	51.95	52.30 BTm	A061492	0.5	5.890	5	522	2.5	2.800	2.0	23.0	75.0	14.0	4.210	17.0	0.680	5	36.0	1.580
OS0005RR	56.10	56.50 BTm	A061290	0.5	9.520	23	904	2.5	2.490	2.0	28.0	24.0	7.0	6.080	62.0	2.430	5	42.0	2.740
OS0005RR	57.10	57.50 Va	A061291	4.0	8.880	12	4010	2.5	2.680	2.0	14.0	32.0	1096.0	5.920	65.0	1.230	5	67.0	4.270
OS0005RR	124.40	124.80 FP	A061292	0.5	8.610	5	581	2.5	5.310	1.0	22.0	27.0	9.0	4.640	46.0	0.700	5	42.0	1.960
OS0005RR	124.40	124.80 DUP	A061293	0.5	8.210	5	522	2.5	5.280	1.0	22.0	50.0	8.0	4.680	40.0	0.620	5	40.0	1.890
OS0005RR	129.50	130.00 BTm	A061294	0.5	10.020	10	534	2.5	2.990	1.0	28.0	20.0	32.0	5.470	49.0	0.680	5	46.0	2.400
OS0005RR	129.50	130.00 GS-11A	A061295	3.0	3.830	10000	353	2.5	1.980	0.5	18.0	113.0	88.0	4.180	29.0	1.510	13	7.0	0.810
OS0005RR	130.00	130.80 BTm	A061296	0.5	9.520	14	1581	2.5	3.030	1.0	27.0	24.0	3.0	4.900	47.0	1.240	5	39.0	2.100
OS0005RR	130.80	131.30 Va	A061297	0.5	9.370	10	680	2.5	5.010	1.0	28.0	16.0	10.0	5.870	61.0	1.330	5	31.0	2.490
OS0005RR	131.30	132.30 Va	A061298	0.5	10.460	5	2221	2.5	2.940	1.0	27.0	13.0	152.0	5.790	52.0	1.110	5	43.0	2.830
OS0005RR	132.30	132.90 Va	A061299	0.5	9.010	5	439	2.5	3.950	1.0	28.0	17.0	2.0	5.120	48.0	0.610	5	39.0	2.400
OS0005RR	144.40	145.00 Vas	A061300	2.0	8.470	5	562	2.5	1.430	1.0	30.0	38.0	81.0	4.510	38.0	3.090	5	8.0	0.880
OS0005RR	145.00	145.50 Va	A061301	0.5	9.460	5	495	2.5	2.660	1.0	24.0	25.0	66.0	4.920	37.0	2.480	5	18.0	1.430
OS0005RR	145.50	145.90 Vas	A061302	1.0	9.140	5	629	2.5	2.830	1.0	28.0	31.0	63.0	4.570	44.0	2.880	5	10.0	1.130
OS0005RR	145.90	146.30 FP	A061303	0.5	9.210	5	764	2.5	3.620	1.0	23.0	18.0	7.0	5.390	43.0	2.410	5	21.0	1.710
OS0005RR	146.30	146.90 Vas	A061304	2.0	8.470	5	1419	2.5	5.320	1.0	17.0	34.0	146.0	4.050	31.0	3.190	5	13.0	1.110
OS0005RR	146.90	147.50 Va	A061305	3.0	8.910	10	539	2.5	3.260	2.0	33.0	31.0	268.0	5.410	31.0	3.780	5	5.0	1.090
OS0005RR	147.50	148.10 Blank	A061307	0.5	0.060	5	12	2.5	25.000	0.5	0.5	6.0	0.5	0.040	23.0	0.020	5	1.0	1.480
OS0005RR	147.50	148.10 FP	A061306	0.5	9.380	10	1524	2.5	3.380	2.0	13.0	21.0	0.5	5.540	41.0	2.480	5	3.0	0.760
OS0005RR	148.10	149.10 FP	A061308	0.5	9.660	10	1742	2.5	3.260	3.0	23.0	22.0	0.5	6.290	39.0	2.660	5	6.0	1.040
OS0005RR	149.10	149.90 FP	A061309	0.5	8.390	11	7272	2.5	3.430	3.0	4.0	30.0	11.0	5.710	36.0	1.730	5	3.0	1.060
OS0005RR	149.90	150.90 FP	A061310	0.5	8.700	5	4252	2.5	5.410	3.0	17.0	22.0	10.0	6.300	52.0	2.710	5	3.0	1.530
OS0005RR	150.90	151.50 Va	A061311	6.0	5.800	342	650	2.5	3.260	387.0	15.0	99.0	881.0	6.240	42.0	2.500	5	6.0	0.940
OS0005RR	151.50	152.10 Va	A061312	0.5	8.720	76	1087	2.5	3.950	3.0	26.0	18.0	4.0	6.300	25.0	2.160	5	5.0	1.090
OS0005RR	152.10	152.70 Va	A061313	0.5	7.590	54	859	2.5	3.280	2.0	18.0	41.0	8.0	5.160	21.0	1.250	5	5.0	0.830
OS0005RR	152.70	153.30 GS-8A	A061315	2.0	3.840	10000	323	12.0	2.260	1.0	24.0	56.0	110.0	4.670	18.0	1.160	10	9.0	0.870
OS0005RR	152.70	153.30 Va	A061314	0.5	8.430	13	1047	2.5	2.280	1.0	20.0	19.0	4.0	4.270	21.0	1.450	5	11.0	0.670
OS0005RR	153.30	153.70 FP	A061316	0.5	7.520	21	737	2.5	4.560	3.0	27.0	18.0	11.0	6.430	22.0	0.980	5	3.0	1.410

*Hole Name*                      *DM-10-052*

<b>Cert#</b>	<b>FROM</b>	<b>TO ROCKTYPE</b>	<b>Sample</b>	<b>Ag-ppm</b>	<b>Al-%</b>	<b>As-ppm</b>	<b>Ba-ppm</b>	<b>Bi-ppm</b>	<b>Ca-%</b>	<b>Cd-ppm</b>	<b>Co-ppm</b>	<b>Cr-ppm</b>	<b>Cu-ppm</b>	<b>Fe-%</b>	<b>Ga-ppm</b>	<b>K-%</b>	<b>La-ppm</b>	<b>Li-ppm</b>	<b>Mg-%</b>
0S0005RR	153.70	154.10 Va	A061317	0.5	10.200	30	1335	2.5	1.410	3.0	56.0	10.0	31.0	7.490	34.0	2.760	5	5.0	0.600
0S0005RR	154.10	154.60 Va	A061318	1.0	7.700	45	1060	2.5	5.010	7.0	27.0	21.0	228.0	6.900	27.0	3.140	5	6.0	1.400
0S0005RR	154.60	154.80 QV	A061319	200.0	2.570	264	137	32.0	1.500	97.0	18.0	112.0	1247.0	6.290	13.0	1.040	5	4.0	0.410
0S0005RR	154.80	155.20 Va	A061320	0.5	9.040	32	714	2.5	3.960	3.0	37.0	21.0	46.0	5.840	28.0	3.320	5	9.0	1.490
0S0005RR	155.20	155.80 Va	A061321	0.5	9.050	5	1465	2.5	5.040	5.0	30.0	19.0	15.0	5.650	31.0	3.500	5	9.0	1.620
0S0005RR	155.80	156.80 Va	A061322	0.5	8.340	5	1117	2.5	5.080	3.0	26.0	13.0	57.0	5.420	29.0	1.980	5	19.0	1.800
0S0005RR	156.80	157.50 FP	A061323	0.5	7.530	5	896	2.5	4.020	3.0	24.0	21.0	2.0	5.710	22.0	0.980	5	7.0	1.130
0S0005RR	157.50	157.90 Va	A061324	0.5	9.360	94	502	2.5	4.650	4.0	37.0	12.0	53.0	6.900	34.0	2.890	5	11.0	1.280
0S0005RR	160.00	160.70 FP	A061325	0.5	8.610	5	2096	2.5	2.710	1.0	21.0	24.0	357.0	4.700	25.0	1.080	5	29.0	1.770
0S0005RR	160.00	160.70 Blank	A061326	0.5	0.070	5	24	2.5	25.000	0.5	0.5	6.0	0.5	0.050	7.0	0.020	5	0.5	1.650
0S0005RR	164.70	165.20 FP	A061327	0.5	7.650	14	305	2.5	4.050	3.0	26.0	42.0	7.0	6.160	26.0	2.330	5	8.0	1.500

*Count:*                                      49

# Metal Mountain Resourc

## Assayers Canda-ICP import file with sample data

BHID: DM-10-052

Hole Name DM-10-052

Cert#	FROM	TO	ROCKTYPE	Sample	Mn-ppm	Mo-ppm	Na-%	Nb-ppm	Ni-ppm	Pb-ppm	S-%	Sb-ppm	Sc-ppm	Sn-ppm	Sr-ppm	Ta-ppm	Te-ppm	Ti-%	V-ppm	W-ppm	Y-ppm	Zn-ppm	Zr-ppm
OS0008RR	20.15	20.55	V/S	A061482	1040	1	3.000	5	9	1	0.110	2.5	13.0	5	97.0	2.5	5	0.130	84.0	5	8.0	55.0	12.0
OS0008RR	21.60	22.60	V/S	A061483	1090	1	3.350	5	6	1	0.080	2.5	18.0	5	75.0	2.5	5	0.190	123.0	5	9.0	133.0	17.0
OS0008RR	22.60	23.50	V/S	A061484	1071	1	3.490	5	6	9	0.120	2.5	13.0	5	108.0	2.5	5	0.120	82.0	5	9.0	78.0	16.0
OS0008RR	23.50	24.40	V/S	A061485	1087	2	3.630	5	6	9	0.140	2.5	11.0	5	108.0	2.5	5	0.100	62.0	5	9.0	71.0	13.0
OS0008RR	24.40	25.00	V/S	A061486	1144	1	3.600	5	6	36	0.110	2.5	16.0	5	115.0	2.5	5	0.190	99.0	5	8.0	162.0	13.0
OS0008RR	25.00	25.75	Va	A061487	3370	1	3.710	5	7	38	0.180	2.5	13.0	5	250.0	2.5	5	0.130	133.0	5	8.0	619.0	13.0
OS0008RR	47.10	48.10	GS-8A	A061489	625	21	0.820	5	54	826	0.980	7.0	10.0	5	101.0	2.5	5	0.080	89.0	5	7.0	249.0	46.0
OS0008RR	47.10	48.10	FP	A061488	1879	1	5.060	5	9	9	0.130	2.5	13.0	5	381.0	2.5	5	0.080	130.0	5	6.0	138.0	11.0
OS0008RR	50.80	51.60	Va	A061490	1142	2	5.450	5	7	2	0.060	2.5	9.0	5	668.0	2.5	5	0.090	77.0	5	6.0	58.0	21.0
OS0008RR	51.60	51.95	Va	A061491	1288	1	4.060	5	13	1	0.090	2.5	13.0	5	843.0	2.5	5	0.150	107.0	5	8.0	70.0	23.0
OS0008RR	51.95	52.30	BTm	A061492	952	2	2.460	5	24	1	0.140	2.5	19.0	5	462.0	2.5	5	0.180	92.0	5	11.0	56.0	11.0
OS0005RR	56.10	56.50	BTm	A061290	1210	3	1.400	5	13	11	1.680	7.0	21.0	5	466.0	2.5	14	0.330	254.0	10	14.0	131.0	33.0
OS0005RR	57.10	57.50	Va	A061291	2566	3	1.920	5	13	7	0.550	8.0	20.0	17	845.0	2.5	10	0.150	224.0	34	9.0	176.0	8.0
OS0005RR	124.40	124.80	FP	A061292	1812	3	4.310	5	14	8	0.210	2.5	20.0	16	348.0	2.5	5	0.170	134.0	5	12.0	95.0	13.0
OS0005RR	124.40	124.80	DUP	A061293	1765	1	4.240	5	11	7	0.160	2.5	19.0	29	333.0	2.5	5	0.180	126.0	5	10.0	90.0	12.0
OS0005RR	129.50	130.00	BTm	A061294	1488	1	5.100	5	14	1	0.290	2.5	20.0	5	390.0	2.5	11	0.280	167.0	5	11.0	121.0	35.0
OS0005RR	129.50	130.00	GS-11A	A061295	547	18	0.420	5	52	594	0.940	5.0	8.0	16	93.0	2.5	5	0.070	81.0	11	5.0	196.0	61.0
OS0005RR	130.00	130.80	BTm	A061296	1158	4	4.310	5	9	1	0.160	2.5	20.0	5	309.0	5.0	14	0.290	156.0	17	10.0	107.0	32.0
OS0005RR	130.80	131.30	Va	A061297	1687	3	4.340	5	12	2	0.500	2.5	22.0	18	372.0	2.5	14	0.330	152.0	5	13.0	100.0	47.0
OS0005RR	131.30	132.30	Va	A061298	1654	1	4.720	5	8	1	0.220	2.5	23.0	11	330.0	2.5	12	0.320	184.0	10	11.0	142.0	61.0
OS0005RR	132.30	132.90	Va	A061299	1999	1	4.620	5	12	1	0.150	2.5	18.0	21	334.0	2.5	12	0.310	146.0	5	11.0	156.0	48.0
OS0005RR	144.40	145.00	Vas	A061300	736	2	1.940	5	7	22	2.200	2.5	19.0	5	82.0	2.5	13	0.290	189.0	5	6.0	77.0	30.0
OS0005RR	145.00	145.50	Va	A061301	1189	1	2.650	5	7	2	0.310	2.5	21.0	11	136.0	6.0	12	0.300	185.0	20	9.0	143.0	33.0
OS0005RR	145.50	145.90	Vas	A061302	1031	3	2.340	5	14	8	1.040	2.5	21.0	5	131.0	2.5	10	0.300	182.0	5	8.0	96.0	35.0
OS0005RR	145.90	146.30	FP	A061303	1185	2	2.410	5	7	2	0.090	2.5	20.0	18	181.0	2.5	14	0.300	169.0	5	8.0	225.0	33.0
OS0005RR	146.30	146.90	Vas	A061304	994	4	0.690	5	10	15	1.470	12.0	17.0	13	167.0	2.5	5	0.160	157.0	5	8.0	100.0	22.0
OS0005RR	146.90	147.50	Va	A061305	609	1	0.620	5	11	318	3.670	6.0	20.0	20	101.0	2.5	5	0.140	181.0	5	6.0	83.0	23.0
OS0005RR	147.50	148.10	Blank	A061307	27	8	0.020	5	18	32	0.870	2.5	0.5	93	4590.0	2.5	5	0.005	2.0	5	0.5	10.0	0.0
OS0005RR	147.50	148.10	FP	A061306	955	4	3.430	5	5	3	0.090	9.0	20.0	10	161.0	2.5	17	0.320	310.0	5	11.0	54.0	37.0
OS0005RR	148.10	149.10	FP	A061308	1017	3	3.160	5	7	3	0.080	5.0	21.0	15	142.0	2.5	20	0.390	307.0	13	14.0	105.0	60.0
OS0005RR	149.10	149.90	FP	A061309	995	4	3.790	5	9	5	0.320	2.5	20.0	17	1132.0	2.5	20	0.340	303.0	5	10.0	89.0	26.0
OS0005RR	149.90	150.90	FP	A061310	1638	3	2.510	5	11	8	0.200	8.0	25.0	5	291.0	2.5	19	0.370	427.0	5	11.0	124.0	32.0
OS0005RR	150.90	151.50	Va	A061311	2942	6	0.220	5	9	478	4.750	14.0	15.0	5	57.0	5.0	5	0.200	238.0	522	8.0	10000.0	23.0
OS0005RR	151.50	152.10	Va	A061312	1957	1	3.020	5	5	22	0.820	5.0	23.0	51	123.0	2.5	23	0.400	173.0	22	11.0	126.0	20.0
OS0005RR	152.10	152.70	Va	A061313	1741	1	3.930	5	7	20	0.960	2.5	20.0	80	154.0	2.5	17	0.290	117.0	11	10.0	128.0	17.0
OS0005RR	152.70	153.30	GS-8A	A061315	633	22	0.860	5	63	346	0.980	2.5	10.0	52	105.0	6.0	11	0.110	87.0	5	7.0	270.0	47.0
OS0005RR	152.70	153.30	Va	A061314	1113	1	4.170	5	5	16	0.410	7.0	22.0	38	127.0	2.5	26	0.480	146.0	5	11.0	99.0	25.0

*Hole Name*                      *DM-10-052*

<i>Cert#</i>	<i>FROM</i>	<i>TO</i>	<i>ROCKTYPE</i>	<i>Sample</i>	<i>Mn-ppm</i>	<i>Mo-ppm</i>	<i>Na-%</i>	<i>Nb-ppm</i>	<i>Ni-ppm</i>	<i>Pb-ppm</i>	<i>S-%</i>	<i>Sb-ppm</i>	<i>Sc-ppm</i>	<i>Sn-ppm</i>	<i>Sr-ppm</i>	<i>Ta-ppm</i>	<i>Te-ppm</i>	<i>Ti-%</i>	<i>V-ppm</i>	<i>W-ppm</i>	<i>Y-ppm</i>	<i>Zn-ppm</i>	<i>Zr-ppm</i>
0S0005RR	153.30	153.70	FP	A061316	1395	1	4.340	5	4	14	0.130	5.0	21.0	87	128.0	2.5	24	0.390	112.0	5	12.0	131.0	25.0
0S0005RR	153.70	154.10	Va	A061317	1064	1	3.030	5	4	13	0.290	9.0	32.0	41	87.0	2.5	36	0.650	254.0	13	12.0	138.0	24.0
0S0005RR	154.10	154.60	Va	A061318	4816	1	0.330	5	5	20	1.850	7.0	24.0	109	109.0	2.5	24	0.380	163.0	5	12.0	391.0	21.0
0S0005RR	154.60	154.80	QV	A061319	2167	41	0.070	5	8	806	4.540	22.0	7.0	30	29.0	7.0	13	0.110	55.0	114	3.0	5929.0	6.0
0S0005RR	154.80	155.20	Va	A061320	3160	1	1.120	5	8	22	1.070	6.0	23.0	84	110.0	2.5	22	0.410	227.0	5	10.0	224.0	22.0
0S0005RR	155.20	155.80	Va	A061321	2345	1	0.800	5	9	18	0.620	9.0	23.0	70	121.0	7.0	24	0.440	208.0	5	12.0	311.0	32.0
0S0005RR	155.80	156.80	Va	A061322	1947	1	2.180	5	11	17	0.290	22.0	21.0	71	177.0	2.5	16	0.290	166.0	5	10.0	222.0	24.0
0S0005RR	156.80	157.50	FP	A061323	1552	1	4.140	5	6	18	0.180	8.0	22.0	87	133.0	2.5	23	0.390	126.0	5	10.0	152.0	20.0
0S0005RR	157.50	157.90	Va	A061324	3107	1	1.760	5	8	21	1.890	28.0	32.0	98	120.0	9.0	30	0.540	288.0	5	12.0	206.0	27.0
0S0005RR	160.00	160.70	FP	A061325	891	1	3.850	5	8	29	0.400	2.5	20.0	55	578.0	2.5	13	0.290	144.0	5	6.0	162.0	13.0
0S0005RR	160.00	160.70	Blank	A061326	36	1	0.020	5	13	12	1.140	2.5	0.5	308	4487.0	6.0	5	0.005	2.0	5	0.5	9.0	0.0
0S0005RR	164.70	165.20	FP	A061327	4014	1	2.160	5	10	23	3.190	2.5	17.0	92	1958.0	2.5	14	0.190	135.0	5	7.0	72.0	10.0

*Count:*                                      49



# Drill Hole Log

## Dome Mountain Project Database

Hole Number: **DM-10-053**

**Grid-X:** 653,643.69      **Brg:** 360.00      **Ovb:** 10.70      **Surveyor:** 0      **Drill:** Driftwood Diamond Drilling  
**Grid-Y:** 6,068,876.00      **Dip:** -45.00      **Casing:** 10.70      **Survey Date:** 30-Dec-1899      **Drill Dates:** 03-Mar-10      **to**      04-Mar-10  
**Grid-Z:** 1,265.50      **Depth:** 110.90      **Recover Casing:** HQ      **Core Size:** HQ      **Geologist:** Bryan Muloin  
**NTS:** 93L 077      **Claim:** 0      **Area:** 0      **Log Dates:** 05-Mar-10      **to**      06-Mar-10  
**Target:** Exploration for East Extension of Boulder FW zone      **Comments:** Collared at upslope (west) edge of Sediment Pond - drillpad "A"

Lithology						Alteration				Mineralization				Structure								
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
0.00	10.70	10.70	<b>OB</b>																			
10.70	18.80	8.10					10.70	18.80	CB		0											
10.70	18.80	8.10	<b>FP</b>		G-G	weathered clasts, some white phenocrysts																
18.80	20.90	2.10					18.80	20.90	SI		2											
18.80	20.90	2.10					18.80	20.90	CB		0											
18.80	20.90	2.10	<b>Va</b>		BLE	altered aphanitic, looks like QV alteration																
20.90	22.00	1.10					20.90	22.00	CB		0											
20.90	22.00	1.10	<b>FP</b>		GRY	large white phenocrysts,																
22.00	26.90	4.90					22.00	26.90	SI		2											
22.00	26.90	4.90					22.00	26.90	CB		0											
22.00	26.90	4.90	<b>Va</b>		BLE	altered aphanitic																
26.90	30.00	3.10					26.90	30.00	SI		2											
26.90	30.00	3.10					26.90	30.00	CB		0											
26.90	30.00	3.10	<b>FP</b>		GRY	black partings give gneissic texture to unit																
27.70	28.50	0.80															27.70	28.50	fol	55		
30.00	31.20	1.20					30.00	31.20	CB		0											
30.00	31.20	1.20					30.00	31.20	SI		2											
30.00	31.20	1.20	<b>Va</b>		GRY	granular appearance, some white phenocrysts																
31.20	32.10	0.90					31.20	32.10	CB		0											
31.20	32.10	0.90					31.20	32.10	SI		1											
31.20	32.10	0.90	<b>Va</b>		BLE	aphanitic																
32.10	32.90	0.80					32.10	32.90	CB		0											
32.10	32.90	0.80					32.10	32.90	SI		4											
32.10	32.90	0.80	<b>QV</b>		WHT	quartz-albite with pyrite & galena in broken/rubbly core																
32.90	36.50	3.60					32.90	36.50	CB		0											



Lithology						Alteration				Mineralization				Structure							
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	StyleDeg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
32.90	36.50	3.60	Va		BLE	aphanitic															
36.50	37.20	0.70					36.50	37.20	CB	0											
36.50	37.20	0.70	Va		GRY	aphanitic															
37.20	37.80	0.60					37.20	37.80	CB	0											
37.20	37.80	0.60	Vas		BLE	has dispersed pyrite in green halo on quartz vein															
37.30	37.60	0.30														37.30	37.60	Vn	25		zoned quartz vein with pyrite on median 4cm
37.80	38.90	1.10					37.80	38.90	CB	0											
37.80	38.90	1.10	Va		BLE	aphanitic altered volcanic is green as halo to vein															
37.80	38.10	0.30														37.80	38.10	Vn	40		3 parallel quartz veins 15mm are compliments to above vein have green halo
38.90	47.50	8.60					38.90	47.50	CB	1											
38.90	47.50	8.60	BTm		MAR	starts with breccia, clasts from rounded to angular, has albite amygdular zones in bands, calcite starts at 42.5m & goes to 47.5m															
39.30	40.00	0.70														39.30	40.00	bn	50		aligned albite amygdules
40.00	40.00	0.00														40.00	40.00	Vn	50		thin 1cm aphanitic green dyke
40.30	41.60	1.30														40.30	41.60	bn	55		elongated breccia clasts
42.30	43.00	0.70														42.30	43.00	Vn	45		series of parallel albite-calcite veins <2mm have green tint to them
44.20	44.30	0.10														44.20	44.30	Vn	45		pyrite-chlorite vein 2mm has pink halo 1cm
47.00	47.30	0.30														47.00	47.30	cn	80		grey dyke, abrupt contacts, nil internal veining
47.50	48.60	1.10					47.50	48.60	CB	0											
47.50	48.60	1.10	BTm		MAR	green alteration zoning with chlorite in veins, no calcite															
48.60	56.30	7.70					48.60	56.30	CB	0											
48.60	56.30	7.70	BTm		MAR	breccia, mostly angular,															
49.90	50.00	0.10														49.90	50.00	Vn	25		pyrite-chlorite vein 2mm has pink halo 1cm
50.40	50.50	0.10														50.40	50.50	cn	50		deep-purple dyke has abrupt contacts

Lithology						Alteration				Mineralization				Structure								
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
50.60	50.80	0.20										50.60	50.80	cn	30		deep-purple dyke has abrupt contacts with thin greenish kerfs <5mm & cooked external halo 2cm, white phenocrysts, no internal veining except up hole margin has tension fractures					
50.60	50.80	0.20										50.60	50.80	cn	80		deep-purple dyke has abrupt contacts with thin greenish kerfs <5mm & cooked external halo 2cm, white phenocrysts, no internal veining except up hole margin has tension fractures					
51.00	52.00	1.00										51.00	52.00	cn	70		aphanitic cooked maroon dyke has limited chlorite pyrite veins with medial chlorite-albite zone - below					
51.00	52.00	1.00										51.00	52.00	cn	30		aphanitic cooked maroon dyke has limited chlorite pyrite veins with medial chlorite-albite zone - below					
51.70	51.80	0.10										51.70	51.80	Vn	40		feeder of above zone chlorite-albite 4cm					
52.10	52.80	0.70										52.10	52.80	cn	40		dyke like alteration zone 10cm, is halo on albite veining zone					
53.00	53.70	0.70										53.00	53.70	cn	65		green aphanitic dyke has tension release veining on up hole contact & and albite contact vein 1cm					
56.30	58.00	1.70					56.30	58.00	CB		0											
56.30	58.00	1.70	Va		GRN	green alteration halo on quartz vein at 58.0-58.36m, breccia of BTm is seen fading into halo																
58.00	58.36	0.36					58.00	58.36	SI		4											
58.00	58.36	0.36	QV		WHT	massive white to banded/patchy sulphides																
58.00	58.36	0.36										58.00	58.36	Vn	70		quartz-albite-pyrite vein, has black zone and stringers downhole to 58.5m					
58.36	60.30	1.94					58.36	60.30	CB		0											
58.36	60.30	1.94	Va		GRN	green alteration halo on quartz vein, breccia of BTm is seen fading into halo																
60.30	68.50	8.20	BTm		MAR	breccia rounded, has green altered zones in it, usually as vein halo																

Lithology						Alteration				Mineralization				Structure								
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
63.50	63.70	0.20															63.50	63.70	Vn	60	quartz-albite vein 3cm, has green halo & chlorite specks on margin	
68.50	75.00	6.50					68.50	75.00	CB		0											
68.50	75.00	6.50	FP		MAR	white phenocrysts to 2mm, has green breccia clasts, dark purple																
75.00	76.00	1.00	NC			1.0 meter lost																
76.00	76.50	0.50					76.00	76.50	CB		1											
76.00	76.50	0.50	BTm		MAR	breccia clasts																
76.10	79.10	3.00															76.10	79.10	Vn	0	quartz-pyrite-chalcocopyrite vein 3cm is parallel to core direction has Va-alteration halo width?	
76.50	76.60	0.10					76.50	76.60	CB		0											
76.50	76.60	0.10	Va		BLE																	
76.60	77.10	0.50					76.60	77.10	CB		0											
76.60	77.10	0.50	QV		WHT	15cm quartz vein with pyrite margins, undulating to arcuate at low-angle to core axis																
77.10	77.80	0.70					77.10	77.80	CB		1											
77.10	77.80	0.70	BTm		MAR	breccia clasts																
77.80	80.20	2.40					77.80	80.20	Gmic a		1											
77.80	80.20	2.40					77.80	80.20	CB		0											
77.80	80.20	2.40	Va		BLE	alteration halo on quartz vein parallel to core																
79.20	79.70	0.50															79.20	79.70	Vn	40	series of parallel albite-calcite veins 1cm have green tint to them, are complements of previous vein	
80.20	80.40	0.20	NC			0.2 meters lost																
80.40	88.30	7.90					80.40	88.30	CB		1											
80.40	88.30	7.90	BTm		MAR	breccia clasts																
88.30	88.70	0.40					88.30	88.70	CB		0											
88.30	88.70	0.40	FP		MAR	white phenocrysts to 1mm dark purple																
88.70	89.60	0.90	NC			0.9 meter lost																
89.60	90.30	0.70					89.60	90.30	CB		1											
89.60	90.30	0.70	FP		MAR	white phenocrysts, broken core																
90.30	91.60	1.30	NC			1.3 meters lost																
91.60	93.50	1.90					91.60	93.50	CB		0											
91.60	93.50	1.90	FP		MAR	white phenocrysts, broken core, epidote zone 91.6-92.5m																
93.50	94.70	1.20	NC			1.2 meters lost																

Lithology							Alteration				Mineralization				Structure							
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	StyleDeg	From	To	Code	%	Comments	From	To	Code	CA	Comments		
94.70	110.90	16.20					94.70	110.90	CB	1												
94.70	110.90	16.20	FP		MAR	white phenocrysts to 2mm, calcite in veins 100.0-101.3m absent near the green altered veins & only weak presence to end of hole. Bleached green-tan section 104.1-105.1m. EOH at 110.9m																
102.50	102.60	0.10										102.50	102.60	Vn	65	green alteration dyke/halo with quartz-albite-pyrite vein						
102.80	103.70	0.90										102.80	103.70	Vn	40	complementary series of albite calcite veins <5mm						
102.80	103.70	0.90										102.80	103.70	Vn	10	complementary series of albite calcite veins <5mm						
104.10	105.10	1.00										104.10	105.10	Vn	45	green halo on complementary series of albite-pyrite veins <5mm						
104.10	105.10	1.00										104.10	105.10	Vn	5	green halo on complementary series of albite-pyrite veins <5mm						

## *Down Hole Surveys*

Hole No. **DM-10-053**

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<b>BHID</b>	<b>AT</b>	<b>BRG</b>	<b>DIP</b>	<b>TYPE</b>
DM-10-053				
	0.00	360.00	-45.00	Collar
	45.72	358.50	-47.80	Reflex
	109.73	358.20	-48.90	Reflex

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# Metal Mountain Resources

## Assays Per Hole

Grid-X: 653,643.69 Grud-Y: 6,068,876.00 Grid-Z: 1,265.50 Hole Number: DM-10-053

HOLE ID DM-10-053

FROM	TO	Length	SAMPLE	Au	Ag	Cu	ZN	PB	Wt	ROCKTYPE	Py%	CP%	SL%	GL%	VG	Intersect	LAB	CERT#	ExpVal	ISD-Au	Zscore	BAD	%DIFF
18.90	19.90	1.00	A061460	0.015	0.05				3.50	Va							ASSCAN	0S0008RA					
19.90	20.90	1.00	A061461	0.030	1.90				3.00	Va							ASSCAN	0S0008RA					
19.90	20.90	1.00	A061462	11.100	2.10				0.10	GS-11A							ASSCAN	0S0008RA	11.210	0.435	-0.25	-0.98	
22.60	23.50	0.90	A061463	0.015	0.05				2.00	Va							ASSCAN	0S0008RA					
23.50	24.30	0.80	A061464	0.015	1.60				2.50	Va							ASSCAN	0S0008RA					
24.30	25.00	0.70	A061465	0.015	0.05				2.00	Va							ASSCAN	0S0008RA					
25.00	26.00	1.00	A061466	0.100	0.00				3.00	Va							ASSCAN	0S0008RA					
26.00	26.90	0.90	A061467	0.170	1.00				3.00	Va							ASSCAN	0S0008RA					
26.90	27.70	0.80	A061468	0.070	0.80				2.00	Va							ASSCAN	0S0008RA					
27.70	28.50	0.80	A061328	0.030	0.05				2.50	FP	0.2						ASSCAN	0S0005RA					
28.50	29.30	0.80	A061469	0.030	0.20				2.50	Va							ASSCAN	0S0008RA					
28.50	29.30	0.80	A061470	0.015	0.05				0.70	Blank							ASSCAN	0S0008RA	0.015	0.050	0.00	0.00	
29.30	30.00	0.70	A061471	0.015	1.80				2.00	Va							ASSCAN	0S0008RA					
30.00	31.20	1.20	A061472	0.015	0.05				4.50	Va							ASSCAN	0S0008RA					
31.20	31.70	0.50	A061473	0.015	0.90				1.50	Va							ASSCAN	0S0008RA					
31.70	32.10	0.40	A061474	0.030	0.60				1.00	Va							ASSCAN	0S0008RA					
32.10	32.90	0.80	A061329	6.770	13.80	1.240			1.00	QV	4					HW	ASSCAN	0S0005RA					
32.90	33.50	0.60	A061330	0.030	1.10				2.00	Va	1						ASSCAN	0S0005RA					
33.50	34.00	0.50	A061331	0.015	1.50				2.00	Va	1						ASSCAN	0S0005RA					
34.00	35.00	1.00	A061332	0.015	0.05				4.00	Va	1						ASSCAN	0S0005RA					
35.00	36.00	1.00	A061333	0.015	0.05				4.00	Va	0.2						ASSCAN	0S0005RA					
36.00	36.50	0.50	A061334	0.030	0.80				1.50	Va	0.2						ASSCAN	0S0005RA					
36.50	37.20	0.70	A061335	0.070	0.20				2.50	Va	1						ASSCAN	0S0005RA					
37.20	37.80	0.60	A061336	0.300	2.20				2.00	Vas	2						ASSCAN	0S0005RA					
37.80	38.90	1.10	A061337	0.015	2.90				4.00	Va	1						ASSCAN	0S0005RA					
37.80	38.90	1.10	A061338	11.670	2.00				0.10	GS-11A							ASSCAN	0S0005RA	11.210	0.435	1.06	4.10	
47.50	48.60	1.10	A061339	0.015	0.70				4.00	BTm	0.2						ASSCAN	0S0005RA					
51.00	52.00	1.00	A061340	0.015	0.60				4.00	Dkin	0.2						ASSCAN	0S0005RA					
57.20	58.00	0.80	A061475	0.015	0.40				3.00	Va							ASSCAN	0S0008RA					
58.00	58.20	0.20	A061341	7.670	13.90				1.00	QV	7	0.5				HW	ASSCAN	0S0005RA					
58.20	58.40	0.20	A061476	0.270	11.80				0.80	QV	2					HW	ASSCAN	0S0008RA					
58.40	59.15	0.75	A061477	0.030	0.50				2.00	Va							ASSCAN	0S0008RA					
63.50	63.80	0.30	A061478	0.015	5.20				1.00	Vas							ASSCAN	0S0008RA					
74.00	75.00	1.00	A061479	0.015	0.40				3.00	FT							ASSCAN	0S0008RA					
76.00	76.50	0.50	A061480	0.015	0.05				1.50	Va							ASSCAN	0S0008RA					
76.00	76.50	0.50	A061481	0.015	0.05				0.80	Blank							ASSCAN	0S0008RA	0.015	0.050	0.00	0.00	
76.50	77.10	0.60	A061342	7.300	23.40				2.00	Vas	7	1				BFW	ASSCAN	0S0005RA					

**HOLE ID**      **DM-10-053**

FROM	TO	Length	SAMPLE	Au	Ag	Cu	ZN	PB	Wt	ROCKTYPE	Py%	CP%	SL%	GL%	VG	Intersect	LAB	CERT#	ExpVal	SD-Au	Zscore	BAD	%DIFF
76.50	77.10	0.60	A061343	0.015	0.05				5.00	blank							ASSCAN	0S0005RA	0.015	0.050	0.00		0.00
77.10	77.80	0.70	A061344	0.030	2.10				3.00	Va	0.2						ASSCAN	0S0005RA					
77.80	78.30	0.50	A061345	0.670	19.30				2.00	Vas	5	0.5					ASSCAN	0S0005RA					
78.30	79.00	0.70	A061346	0.100	2.90				2.50	Vas	5	0.5					ASSCAN	0S0005RA					
79.00	80.20	1.20	A061347	0.800	0.20				3.50	Va	0.2						ASSCAN	0S0005RA					
102.50	102.70	0.20	A061348	0.030	0.10				1.00	FP	0.2						ASSCAN	0S0006RA					
104.10	104.50	0.40	A061349	0.170	1.00				1.50	FP	1						ASSCAN	0S0006RA					
104.50	105.10	0.60	A061350	0.015	0.10				2.00	FP	0.2						ASSCAN	0S0006RA					

**Count:**                      45

## ICP data by hole

BHID: DM-10-053

Hole Name DM-10-053

Cert#	FROM	TO ROCKTYPE	Sample	Ag-ppm	Al-%	As-ppm	Ba-ppm	Bi-ppm	Ca-%	Cd-ppm	Co-ppm	Cr-ppm	Cu-ppm	Fe-%	Ga-ppm	K-%	La-ppm	Li-ppm	Mg-%
OS0008RR	18.90	19.90 Va	A061460	0.5	7.360	20	310	2.5	4.470	2.0	17.0	11.0	38.0	5.220	21.0	0.590	5	21.0	1.600
OS0008RR	19.90	20.90 GS-11A	A061462	3.0	3.590	10000	380	10.0	2.180	1.0	21.0	110.0	80.0	4.480	15.0	1.410	13	8.0	0.880
OS0008RR	19.90	20.90 Va	A061461	0.5	8.660	61	735	2.5	2.670	10.0	24.0	11.0	41.0	5.900	28.0	2.070	5	21.0	1.600
OS0008RR	22.60	23.50 Va	A061463	0.5	8.090	35	135	2.5	2.240	8.0	25.0	11.0	41.0	6.210	25.0	0.290	5	68.0	1.640
OS0008RR	23.50	24.30 Va	A061464	0.5	7.320	33	163	2.5	4.420	2.0	20.0	12.0	38.0	4.730	20.0	0.400	5	31.0	1.860
OS0008RR	24.30	25.00 Va	A061465	0.5	7.840	14	170	2.5	2.280	3.0	27.0	28.0	41.0	6.130	27.0	0.430	5	42.0	1.590
OS0008RR	25.00	26.00 Va	A061466	0.5	7.640	25	183	2.5	2.080	2.0	23.0	22.0	30.0	5.630	23.0	0.540	5	27.0	1.450
OS0008RR	26.00	26.90 Va	A061467	0.5	6.960	82	302	2.5	1.940	4.0	26.0	47.0	59.0	6.760	27.0	1.170	5	11.0	1.630
OS0008RR	26.90	27.70 Va	A061468	1.0	7.090	225	545	2.5	2.020	7.0	11.0	17.0	42.0	2.650	18.0	2.050	10	6.0	0.880
OS0005RR	27.70	28.50 FP	A061328	0.5	7.980	31	254	2.5	2.260	12.0	13.0	24.0	43.0	3.410	23.0	1.070	12	28.0	1.040
OS0008RR	28.50	29.30 Blank	A061470	0.5	0.070	5	10	2.5	25.000	0.5	0.5	0.0	0.5	0.070	1.0	0.020	5	0.5	1.460
OS0008RR	28.50	29.30 Va	A061469	2.0	7.680	40	529	5.0	2.320	25.0	12.0	25.0	32.0	3.460	21.0	2.290	10	20.0	1.090
OS0008RR	29.30	30.00 Va	A061471	0.5	6.990	17	154	2.5	2.150	0.5	11.0	40.0	29.0	2.900	17.0	0.580	10	50.0	0.970
OS0008RR	30.00	31.20 Va	A061472	0.5	6.410	20	234	2.5	3.320	1.0	12.0	36.0	14.0	3.250	15.0	0.830	5	19.0	1.280
OS0008RR	31.20	31.70 Va	A061473	0.5	6.080	27	304	2.5	2.110	1.0	17.0	69.0	53.0	3.830	18.0	1.010	5	48.0	1.160
OS0008RR	31.70	32.10 Va	A061474	0.5	7.320	29	237	2.5	4.190	3.0	35.0	150.0	35.0	6.130	26.0	1.010	5	42.0	4.270
OS0005RR	32.10	32.90 QV	A061329	13.0	3.140	816	410	8.0	0.830	202.0	12.0	121.0	845.0	3.710	14.0	1.410	5	13.0	0.620
OS0005RR	32.90	33.50 Va	A061330	0.5	6.780	87	913	2.5	3.830	1.0	27.0	29.0	98.0	3.490	26.0	2.840	5	38.0	1.730
OS0005RR	33.50	34.00 Va	A061331	0.5	7.280	19	1255	2.5	4.260	3.0	27.0	36.0	66.0	5.770	34.0	3.290	5	18.0	1.850
OS0005RR	34.00	35.00 Va	A061332	0.5	7.020	23	2132	2.5	2.710	2.0	20.0	22.0	27.0	4.970	28.0	3.010	10	39.0	1.630
OS0005RR	35.00	36.00 Va	A061333	0.5	7.360	35	1057	2.5	2.510	2.0	22.0	25.0	20.0	4.900	30.0	2.880	12	35.0	1.580
OS0005RR	36.00	36.50 Va	A061334	0.5	7.740	16	901	2.5	3.840	3.0	22.0	35.0	5.0	5.400	26.0	2.040	5	10.0	1.560
OS0005RR	36.50	37.20 Va	A061335	0.5	9.870	74	921	2.5	3.770	6.0	24.0	24.0	86.0	5.250	30.0	3.170	5	34.0	1.600
OS0005RR	37.20	37.80 Vas	A061336	1.0	9.580	171	1026	5.0	3.020	19.0	21.0	38.0	83.0	5.800	29.0	3.720	5	29.0	1.390
OS0005RR	37.80	38.90 Va	A061337	0.5	8.420	5	1586	2.5	4.410	3.0	22.0	32.0	14.0	5.560	32.0	3.420	5	15.0	1.840
OS0005RR	37.80	38.90 GS-11A	A061338	2.0	3.850	10000	345	12.0	2.050	1.0	19.0	62.0	90.0	4.510	22.0	1.520	14	7.0	0.890
OS0005RR	47.50	48.60 BTm	A061339	0.5	9.490	28	1001	2.5	3.280	2.0	36.0	7.0	9.0	5.880	38.0	2.000	5	45.0	3.640
OS0005RR	51.00	52.00 Dkin	A061340	0.5	10.530	5	570	2.5	1.740	2.0	30.0	11.0	2.0	5.850	43.0	1.860	5	67.0	4.220
OS0008RR	57.20	58.00 Va	A061475	0.5	7.080	74	782	2.5	1.600	5.0	19.0	58.0	37.0	7.600	32.0	2.290	10	18.0	1.770
OS0005RR	58.00	58.20 QV	A061341	13.0	1.030	196	108	7.0	1.540	160.0	7.0	243.0	566.0	3.610	10.0	0.370	5	5.0	0.640
OS0008RR	58.20	58.40 QV	A061476	12.0	6.430	874	479	5.0	4.570	101.0	19.0	92.0	647.0	6.160	28.0	2.040	5	23.0	2.370
OS0008RR	58.40	59.15 Va	A061477	0.5	8.300	84	218	2.5	2.130	3.0	31.0	38.0	11.0	5.860	28.0	0.920	5	23.0	2.210
OS0008RR	63.50	63.80 Vas	A061478	5.0	6.640	5	404	2.5	4.370	2.0	23.0	110.0	870.0	5.540	22.0	0.370	5	20.0	2.320
OS0008RR	74.00	75.00 FT	A061479	0.5	8.140	5	558	2.5	0.690	1.0	21.0	32.0	1.0	4.480	19.0	2.010	5	11.0	0.810
OS0008RR	76.00	76.50 Va	A061480	0.5	7.220	5	593	2.5	3.850	4.0	50.0	344.0	0.5	7.060	30.0	0.940	5	48.0	4.980
OS0008RR	76.00	76.50 Blank	A061481	0.5	0.060	5	15	2.5	25.000	0.5	0.5	1.0	0.5	0.070	5.0	0.020	5	0.5	1.460
OS0005RR	76.50	77.10 blank	A061343	0.5	0.050	5	5	2.5	25.000	1.0	0.5	0.0	1.0	0.080	7.0	0.020	5	1.0	1.470
OS0005RR	76.50	77.10 Vas	A061342	24.0	5.360	96	401	18.0	3.510	88.0	31.0	125.0	1241.0	5.290	23.0	1.500	5	16.0	2.190



*Hole Name*                      *DM-10-053*

<i>Cert#</i>	<i>FROM</i>	<i>TO ROCKTYPE</i>	<i>Sample</i>	<i>Ag-ppm</i>	<i>Al-%</i>	<i>As-ppm</i>	<i>Ba-ppm</i>	<i>Bi-ppm</i>	<i>Ca-%</i>	<i>Cd-ppm</i>	<i>Co-ppm</i>	<i>Cr-ppm</i>	<i>Cu-ppm</i>	<i>Fe-%</i>	<i>Ga-ppm</i>	<i>K-%</i>	<i>La-ppm</i>	<i>Li-ppm</i>	<i>Mg-%</i>
0S0005RR	77.10	77.80 Va	A061344	1.0	7.370	18	647	2.5	3.220	3.0	19.0	26.0	19.0	5.110	25.0	2.860	5	5.0	1.680
0S0005RR	77.80	78.30 Vas	A061345	19.0	5.950	169	396	2.5	2.690	7.0	32.0	55.0	1990.0	9.770	32.0	2.680	5	5.0	1.710
0S0005RR	78.30	79.00 Vas	A061346	5.0	6.280	15	573	2.5	2.530	7.0	18.0	31.0	324.0	9.260	43.0	2.510	5	5.0	2.370
0S0005RR	79.00	80.20 Va	A061347	2.0	7.300	296	652	2.5	3.280	14.0	21.0	90.0	49.0	6.630	36.0	2.900	5	9.0	2.010
0S0006RR	102.50	102.70 FP	A061348	0.5	9.750	5	851	2.5	1.230	0.5	16.0	24.0	15.0	4.120	27.0	2.920	10	20.0	1.010
0S0006RR	104.10	104.50 FP	A061349	0.5	7.590	5	530	2.5	4.310	1.0	17.0	27.0	170.0	3.710	22.0	1.330	5	14.0	1.130
0S0006RR	104.50	105.10 FP	A061350	0.5	8.410	5	285	2.5	2.270	0.5	18.0	20.0	18.0	3.550	22.0	1.030	5	19.0	0.870

*Count:*                                      45

# Metal Mountain Resourc

## Assayers Canda-ICP import file with sample data

BHID: DM-10-053

Hole Name DM-10-053

Cert#	FROM	TO	ROCKTYPE	Sample	Mn-ppm	Mo-ppm	Na-%	Nb-ppm	Ni-ppm	Pb-ppm	S-%	Sb-ppm	Sc-ppm	Sn-ppm	Sr-ppm	Ta-ppm	Te-ppm	Ti-%	V-ppm	W-ppm	Y-ppm	Zn-ppm	Zr-ppm
OS0008RR	18.90	19.90	Va	A061460	1778	2	4.620	5	3	1	0.240	7.0	12.0	5	327.0	2.5	5	0.090	136.0	5	7.0	94.0	13.0
OS0008RR	19.90	20.90	GS-11A	A061462	583	19	0.390	5	54	453	0.930	6.0	8.0	10	91.0	2.5	5	0.060	78.0	5	4.0	235.0	59.0
OS0008RR	19.90	20.90	Va	A061461	4169	1	2.330	5	3	22	0.660	9.0	14.0	5	144.0	2.5	5	0.140	196.0	5	6.0	408.0	14.0
OS0008RR	22.60	23.50	Va	A061463	1638	1	4.700	5	4	42	0.070	14.0	12.0	5	191.0	8.0	5	0.120	153.0	5	7.0	235.0	19.0
OS0008RR	23.50	24.30	Va	A061464	1920	1	4.800	5	6	5	0.100	5.0	12.0	5	277.0	2.5	5	0.130	135.0	5	8.0	55.0	16.0
OS0008RR	24.30	25.00	Va	A061465	1444	1	4.880	5	8	7	0.090	5.0	17.0	5	218.0	2.5	5	0.120	164.0	5	6.0	98.0	13.0
OS0008RR	25.00	26.00	Va	A061466	1277	1	5.040	5	11	5	0.250	2.5	17.0	5	168.0	2.5	5	0.120	150.0	5	6.0	83.0	11.0
OS0008RR	26.00	26.90	Va	A061467	1948	1	3.400	5	5	10	0.340	7.0	22.0	5	131.0	2.5	5	0.180	159.0	5	6.0	122.0	15.0
OS0008RR	26.90	27.70	Va	A061468	2208	1	1.200	5	4	140	0.440	14.0	10.0	5	81.0	2.5	5	0.140	60.0	5	9.0	540.0	35.0
OS0005RR	27.70	28.50	FP	A061328	1965	1	3.410	5	6	34	0.260	16.0	12.0	69	155.0	2.5	5	0.220	84.0	5	13.0	827.0	50.0
OS0008RR	28.50	29.30	Blank	A061470	56	6	0.020	5	12	11	0.940	2.5	0.5	27	4718.0	7.0	5	0.005	2.0	5	0.5	0.0	0.0
OS0008RR	28.50	29.30	Va	A061469	5835	1	1.780	5	4	79	0.370	2.5	10.0	5	110.0	2.5	5	0.130	94.0	13	10.0	1623.0	43.0
OS0008RR	29.30	30.00	Va	A061471	1308	3	4.130	5	3	2	0.070	2.5	9.0	5	180.0	2.5	5	0.110	85.0	5	9.0	57.0	40.0
OS0008RR	30.00	31.20	Va	A061472	1996	1	3.600	5	7	17	0.120	2.5	9.0	5	239.0	2.5	5	0.090	82.0	5	11.0	124.0	46.0
OS0008RR	31.20	31.70	Va	A061473	1474	2	2.150	5	13	2	0.060	12.0	13.0	5	198.0	2.5	5	0.110	116.0	5	8.0	76.0	21.0
OS0008RR	31.70	32.10	Va	A061474	3249	1	2.160	5	54	1	0.130	6.0	29.0	5	163.0	2.5	5	0.140	167.0	5	8.0	146.0	8.0
OS0005RR	32.10	32.90	QV	A061329	2343	1	0.080	5	14	3400	1.560	27.0	10.0	10	76.0	9.0	5	0.140	71.0	229	4.0	10000.0	11.0
OS0005RR	32.90	33.50	Va	A061330	2265	1	0.130	5	16	29	0.530	17.0	20.0	70	361.0	2.5	16	0.350	130.0	5	13.0	105.0	38.0
OS0005RR	33.50	34.00	Va	A061331	1701	1	0.110	5	12	16	0.870	8.0	22.0	72	268.0	2.5	24	0.380	173.0	5	12.0	123.0	34.0
OS0005RR	34.00	35.00	Va	A061332	1184	1	0.270	5	13	9	0.290	11.0	20.0	53	237.0	2.5	20	0.360	159.0	5	16.0	117.0	50.0
OS0005RR	35.00	36.00	Va	A061333	1021	1	0.750	5	7	12	0.240	10.0	19.0	55	236.0	2.5	21	0.380	140.0	5	16.0	114.0	43.0
OS0005RR	36.00	36.50	Va	A061334	1223	1	2.520	5	8	12	0.270	7.0	17.0	44	385.0	2.5	18	0.300	101.0	5	10.0	156.0	20.0
OS0005RR	36.50	37.20	Va	A061335	2949	1	1.610	5	10	17	0.800	14.0	18.0	74	319.0	2.5	14	0.250	169.0	5	8.0	290.0	22.0
OS0005RR	37.20	37.80	Vas	A061336	4027	1	0.440	5	10	42	1.200	14.0	19.0	45	182.0	2.5	13	0.220	201.0	15	6.0	1508.0	16.0
OS0005RR	37.80	38.90	Va	A061337	1622	1	0.900	5	9	14	0.610	6.0	17.0	33	341.0	7.0	18	0.270	142.0	5	9.0	136.0	22.0
OS0005RR	37.80	38.90	GS-11A	A061338	514	16	0.400	5	48	358	0.870	7.0	8.0	67	94.0	13.0	10	0.080	71.0	5	4.0	247.0	63.0
OS0005RR	47.50	48.60	BTm	A061339	1664	1	2.820	5	7	8	0.380	2.5	24.0	42	409.0	2.5	19	0.320	220.0	5	10.0	159.0	17.0
OS0005RR	51.00	52.00	Dkin	A061340	1450	1	3.190	5	7	5	0.110	2.5	20.0	44	280.0	2.5	21	0.310	167.0	5	10.0	130.0	29.0
OS0008RR	57.20	58.00	Va	A061475	3787	1	0.810	5	15	7	0.330	12.0	24.0	5	101.0	2.5	5	0.110	143.0	5	8.0	117.0	15.0
OS0005RR	58.00	58.20	QV	A061341	2464	1	0.040	5	10	46	2.410	30.0	3.0	26	34.0	11.0	5	0.040	21.0	73	2.0	8835.0	4.0
OS0008RR	58.20	58.40	QV	A061476	5937	1	0.140	5	8	54	1.520	26.0	19.0	5	134.0	2.5	12	0.180	161.0	35	11.0	6107.0	15.0
OS0008RR	58.40	59.15	Va	A061477	2346	1	3.230	5	14	1	0.120	2.5	18.0	5	110.0	2.5	14	0.240	212.0	5	8.0	170.0	23.0
OS0008RR	63.50	63.80	Vas	A061478	2412	1	3.990	5	22	1	0.130	6.0	20.0	5	164.0	2.5	10	0.190	149.0	5	10.0	91.0	13.0
OS0008RR	74.00	75.00	FT	A061479	1112	1	2.470	5	8	1	0.010	2.5	16.0	5	113.0	2.5	5	0.160	134.0	5	11.0	79.0	22.0
OS0008RR	76.00	76.50	Va	A061480	1437	1	1.820	5	122	1	0.070	16.0	41.0	5	179.0	2.5	15	0.280	203.0	5	13.0	158.0	7.0
OS0008RR	76.00	76.50	Blank	A061481	35	6	0.020	5	12	22	0.980	2.5	0.5	18	4724.0	2.5	5	0.005	2.0	5	0.5	0.0	0.0
OS0005RR	76.50	77.10	blank	A061343	31	1	0.020	5	12	6	1.030	2.5	0.5	247	5004.0	2.5	5	0.005	2.0	5	0.5	21.0	0.0

*Hole Name*                      *DM-10-053*

<i>Cert#</i>	<i>FROM</i>	<i>TO</i>	<i>ROCKTYPE</i>	<i>Sample</i>	<i>Mn-ppm</i>	<i>Mo-ppm</i>	<i>Na-%</i>	<i>Nb-ppm</i>	<i>Ni-ppm</i>	<i>Pb-ppm</i>	<i>S-%</i>	<i>Sb-ppm</i>	<i>Sc-ppm</i>	<i>Sn-ppm</i>	<i>Sr-ppm</i>	<i>Ta-ppm</i>	<i>Te-ppm</i>	<i>Ti-%</i>	<i>V-ppm</i>	<i>W-ppm</i>	<i>Y-ppm</i>	<i>Zn-ppm</i>	<i>Zr-ppm</i>
OS0005RR	76.50	77.10	Vas	A061342	2040	4	0.620	5	42	552	1.190	202.0	19.0	62	141.0	2.5	16	0.230	109.0	34	9.0	5479.0	21.0
OS0005RR	77.10	77.80	Va	A061344	5740	1	0.590	5	7	13	0.840	7.0	12.0	64	115.0	8.0	14	0.210	115.0	5	9.0	146.0	22.0
OS0005RR	77.80	78.30	Vas	A061345	10000	1	0.180	5	8	13	3.460	42.0	9.0	60	79.0	7.0	24	0.170	104.0	5	7.0	209.0	19.0
OS0005RR	78.30	79.00	Vas	A061346	10000	1	0.150	5	7	13	0.460	12.0	11.0	37	99.0	11.0	19	0.150	106.0	5	8.0	218.0	17.0
OS0005RR	79.00	80.20	Va	A061347	9772	1	0.310	5	22	26	0.510	22.0	19.0	83	137.0	2.5	17	0.270	140.0	10	9.0	891.0	20.0
OS0006RR	102.50	102.70	FP	A061348	595	1	2.570	5	7	10	0.350	2.5	14.0	16	135.0	2.5	5	0.190	107.0	14	8.0	57.0	21.0
OS0006RR	104.10	104.50	FP	A061349	1790	2	3.590	5	6	13	0.760	2.5	11.0	78	288.0	2.5	5	0.160	77.0	5	8.0	64.0	24.0
OS0006RR	104.50	105.10	FP	A061350	614	1	4.350	5	7	11	0.330	2.5	12.0	39	224.0	7.0	5	0.210	89.0	5	7.0	74.0	20.0

*Count:*                                      45



*Drill Hole Log*

Hole Number: **DM-10-054**

Grid-X: 653,643.78  
 Grid-Y: 6,068,875.50  
 Grid-Z: 1,265.47  
 NTS:  
 Target:

Brg: 360.00  
 Dip: -62.00  
 Depth: 153.60  
 Claim:

Ovb:  
 Casing:  
 Recover Casing:  
 Area: 0

Surveyor:  
 Survey Date:  
 Core Size:

Drill:  
 Drill Dates: to  
 Geologist:  
 Log Dates: to

Comments:

Lithology						Alteration				Mineralization				Structure								
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
0.00	8.50	8.50	OB			no recovery																
8.50	15.80	7.30					8.50	15.80	SI		4											
8.50	15.80	7.30					8.50	15.80	CB		0											
8.50	15.80	7.30	V/S		GRY	aphanitic, mostly quartz																
13.80	15.00	1.20										13.80	15.00	Vn	60		series of parallel albite-pyrite veins 1cm					
15.80	16.50	0.70					15.80	16.50	CB		0											
15.80	16.50	0.70	FP		GRY	white phenocrysts 1mm																
16.50	29.50	13.00					16.50	29.50	SI		2											
16.50	29.50	13.00					16.50	29.50	CB		0											
16.50	29.50	13.00	Vas		WHT	aphanitic, mostly quartz, has black partings that range to gneissic appearance, but are present as concentrations at margins of quartz veins. 20.4-21.6m: mainly white quartz vein subparallel to core axis. 21.6-28.7m: siliceous-altered fragmental rock.																
18.80	19.30	0.50										18.80	19.30	Vn	40		complementary quartz veins 8cm & 1.5cm, have halo of grey with pyrite					
18.80	19.30	0.50										18.80	19.30	Vn	40		complementary quartz veins 8cm & 1.5cm, have halo of grey with pyrite					
19.60	20.00	0.40										19.60	20.00	Vn	45		parallel series of quartz veins <2cm have pyrite in black halo					
20.40	21.60	1.20										20.40	21.60	Vn	0		parallel to core quartz vein 4cm have pyrite & galena in black halo					
23.10	23.20	0.10										23.10	23.20	Vn	40		quartz-pyrite vein 15mm, dark halo region to 6cm					

Lithology						Alteration				Mineralization				Structure								
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
26.20	26.40	0.20															26.20	26.40	Vn	25	quartz- pyrite vein 15mm, dark halo region evenly through area	
26.70	26.80	0.10															26.70	26.80	Vn	50	pyrite-quartz vein 1cm	
27.10	27.20	0.10															27.10	27.20	Vn	45	quartz-pyrite vein 2cm	
29.50	31.00	1.50					29.50	31.00	Gmic		1											
29.50	31.00	1.50					29.50	31.00	CB		0											
29.50	31.00	1.50	Va		BLE	transition pink through breccia clast																
31.00	36.70	5.70					31.00	36.70	CB		0											
31.00	36.70	5.70	BTm		MAR	banded for part of unit as breccia, also as dark purple with white phenocrysts, also as short segments of pink Va																
31.50	31.80	0.30															31.50	31.80	bn	60	banded in breccia	
35.60	36.70	1.10															35.60	36.70	Vn	70	series of complementary albite-pyrite veins 2mm	
35.60	36.70	1.10															35.60	36.70	Vn	25	series of complementary albite-pyrite veins 2mm	
36.70	38.50	1.80					36.70	38.50	CB		0											
36.70	38.50	1.80	FP		MAR	coarse angular breccia of FP clasts in FP matrix, dispersed pyrite																
36.70	38.50	1.80															36.70	38.50	bx		coarse angular breccia	
38.50	40.00	1.50					38.50	40.00	CB		0											
38.50	40.00	1.50	FP		MAR	white phenocrysts 1mm in massive texture with few small rounded clasts, possible dyke 36.7m - 42.0m																
40.00	42.00	2.00					40.00	42.00	CB		0											
40.00	42.00	2.00	FP		MAR	coarse angular breccia of FP clasts in FP matrix, dispersed pyrite																
40.00	42.00	2.00															40.00	42.00	bx		coarse angular breccia	
42.00	43.70	1.70					42.00	43.70	CB		0											
42.00	43.70	1.70	Va		GRN	aphanitic green andesite, typical of units developing dyke like contacts, up hole contact is gradational, down hole contact is abrupt																
42.00	42.80	0.80															42.00	42.80	Vn	35	complementary albite veins 1mm	
42.00	42.80	0.80															42.00	42.80	Vn	20	complementary albite veins 1mm	
43.70	44.80	1.10					43.70	44.80	CB		0											
43.70	44.80	1.10	BTm		MAR	breccia, angular & rounded to coarse clasts																
44.00	44.80	0.80															44.00	44.80	Vn	70	series of parallel albite-veins 1mm	

Lithology						Alteration				Mineralization				Structure							
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	StyleDeg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
44.80	46.10	1.30					44.80	46.10	CB	0											
44.80	46.10	1.30	<b>Va</b>		GRN	similar to above Va zone with green margins but internally is pinkish tan with dispersed pyrite centering on albite veining with pyrite & black partings, lower contact is abrupt															
46.10	47.10	1.00					46.10	47.10	CB	0											
46.10	47.10	1.00	<b>BTm</b>		MAR	breccia, rounded small clasts lighter pink & green															
47.10	50.90	3.80					47.10	50.90	CB	0											
47.10	50.90	3.80	<b>Va</b>		GRN	aphanitic with quartz veins <1cm & dispersed with pyrite & sphalerite															
47.70	47.80	0.10										47.70	47.80	Vn	35	quartz-pyrite-sphalerite vein 12mm					
48.10	48.30	0.20										48.10	48.30	Vn		quartz-sphalerite vein >3cm, curved					
50.00	50.50	0.50										50.00	50.50	Vn		quartz-sphalerite vein >3cm, broken					
50.90	103.80	52.90					50.90	103.80	CB	1											
50.90	103.80	52.90	<b>BTm</b>		MAR	breccia, rounded small clasts, limited number of veins, calcite starts at 73.0m. Few sections with shatter texture. Banded texture 73.3-73.8m.															
51.50	52.10	0.60										51.50	52.10	Vn	40	complementary albite veins 1mm					
51.50	52.10	0.60										51.50	52.10	Vn	50	complementary albite veins 1mm					
56.00	56.30	0.30										56.00	56.30	Vn	50	series of parallel veins 1mm					
57.70	58.30	0.60										57.70	58.30	Vn	45	series of parallel veins 1mm					
58.70	58.80	0.10										58.70	58.80	Vn	40	green vein 15mm					
64.10	65.80	1.70										64.10	65.80	Vn	40	series of parallel quartz-albite veins <6mm					
73.00	74.40	1.40										73.00	74.40	bn	50	banded					
86.20	87.30	1.10										86.20	87.30	Vn	20	series of parallel albite-calcite veins					
92.50	93.40	0.90										92.50	93.40	Vn	10	parallel to core quartz vein 1cm					
99.20	99.70	0.50										99.20	99.70	Vn	25	complementary calcite veins 2mm					
99.20	99.70	0.50										99.20	99.70	Vn	45	complementary calcite veins 2mm					
102.40	102.60	0.20										102.40	102.60	Vn	50	calcite vein 6cm has green tint					
103.80	104.50	0.70	<b>Dkin</b>		GRN	aphanitic green andesite, dyke contacts abrupt, calcite is not here															

Lithology						Alteration				Mineralization				Structure						
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	StyleDeg	From	To	Code	%	Comments	From	To	Code	CA	Comments
104.50	105.30	0.80					104.50	105.30	CB	1										
104.50	105.30	0.80	<b>BTm</b>		MAR	breccia clasts separated by albite veining, changes to banding down hole														
105.30	110.80	5.50					105.30	110.80	Gmic	1										
									a											
105.30	110.80	5.50					105.30	110.80	SI	1										
105.30	110.80	5.50					105.30	110.80	CB	0										
105.30	110.80	5.50	<b>Vas</b>		BLE	altered aphanitic andesite, general increase in pyrite as QV is approached, green mica occurs 106.6m - 106.8m,														
108.90	109.10	0.20										108.90	109.10	Vn	30	pyrite-quartz-chalcopryrite-sphalerite vein 6cm				
110.80	111.70	0.90					110.80	111.70	CB	0										
110.80	111.70	0.90					110.80	111.70	SI	4										
110.80	111.70	0.90	<b>QV</b>		BLK	vein is dominated by pyrite in large fine-grained masses with minor chalcopryrite & sphalerite, quartz is vitreous & clasts of Va are present, vein appears to be at high angle to core, usual short gouge filled fracture on down hole end of vein has some calcite in it														
110.80	111.70	0.90										110.80	111.70	Vn	80	pyrite-chalcopryrite-sphalerite				
111.70	116.50	4.80					111.70	116.50	Gmic	1										
									a											
111.70	116.50	4.80					111.70	116.50	CB	1										
111.70	116.50	4.80	<b>Va</b>		BLE	altered aphanitic andesite, abrupt decrease in pyrite														
115.30	115.70	0.40										115.30	115.70	Vn	35	series of parallel albite-quartz-pyrite veins 7mm				
116.50	116.90	0.40					116.50	116.90	CB	0										
116.50	116.90	0.40					116.50	116.90	SI	4										
116.50	116.90	0.40	<b>QV</b>		WHT	20cm quartz vein with albite that increases in abundance to bottom of vein, pyrite & sphalerite														
116.50	116.80	0.30										116.50	116.80	Vn	40	quartz vein zoned with albite & pyrite, with chalcopryrite near downhole end				
116.90	119.60	2.70					116.90	119.60	CB	0										
116.90	119.60	2.70	<b>Va</b>		BLE	altered volcanic, some porphyry texture in 117.5m - 117.8m														
118.20	119.70	1.50										118.20	119.70	Vn	45	series of parallel quartz-albite-pyrite veins <6mm				
119.60	120.10	0.50					119.60	120.10	CB	0										
119.60	120.10	0.50					119.60	120.10	SI	4										

Lithology						Alteration				Mineralization				Structure							
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	StyleDeg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
119.60	120.10	0.50	Vas		WHT	barren quartz vein 2cm is almost parallel to core, has very little albite in it															
119.60	120.10	0.50														119.60	120.10	Vn	20	quartz vein 2cm parallel to above	
120.10	120.60	0.50					120.10	120.60	CB	1											
120.10	120.60	0.50	Va		BLE	altered volcanic has albite-pyrite vein															
120.20	120.30	0.10														120.20	120.30	Vn	70	albite-pyrite vein, pyrite dispersed 30%	
120.80	121.10	0.30					120.80	121.10	SI	4											
120.80	121.10	0.30					120.80	121.10	CB	0											
120.80	121.10	0.30	QV		WHT	quartz vein without albite, both pyrite & sphalerite occur in zones at margins & median															
120.80	121.10	0.30														120.80	121.10	Vn	60	zoned quartz with pyrite margins & median vein	
121.10	121.60	0.50					121.10	121.60	CB	2											
121.10	121.60	0.50					121.10	121.60	SI	3											
121.10	121.60	0.50	Vas		BLE	quartz-pyrite veined altered volcanic															
121.30	121.30	0.00														121.30	121.30	Vn	60	quartz-pyrite vein 7cm	
121.60	121.85	0.25	NC			0.25 meters lost in gouge zone															
121.85	122.00	0.15					121.85	122.00	CB	0											
121.85	122.00	0.15	Va		WHT	bleached volcanic, white															
122.00	125.00	3.00					122.00	125.00	CB	1											
122.00	125.00	3.00	FP		MAR	starts up hole as dark green changes to maroon down hole, small phenocrysts 1mm, calcite increases down hole															
122.00	124.30	2.30														122.00	124.30	Vn	0	complementary series of albite veins 5mm	
122.00	124.30	2.30														122.00	124.30	Vn	80	complementary series of albite veins 5mm	
125.00	131.40	6.40					125.00	131.40	CB	1											
125.00	131.40	6.40	BTm		MAR	banded, mostly by veining, no phenocrysts, has some breccia, also bleaching & green alteration															
131.40	138.90	7.50					131.40	138.90	CB	0											
131.40	138.90	7.50	FP		MAR	small white phenocrysts 1mm,															
138.90	140.70	1.80					138.90	140.70	CB	1											



Lithology						Alteration				Mineralization				Structure									
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments		
138.90	140.70	1.80	Dkin		BLE	felsic dyke, uphole contact appears to be abrupt at a high angle, down hole contact is bleached to pink FP 2cm, then changes to green aphanitic dyke unit 2cm above, also the medial zone 140.0m - 140.2m is green & aphanitic, the rest of the dyke is grey banded has amygdular inclusions																	
138.90	140.70	1.80										138.90	140.70	cn	60	grey banded amygdular dyke, felspar? Pyrite							
140.70	153.60	12.90					140.70	153.60	CB		1												
140.70	153.60	12.90	FP		MAR	small white phenocrysts 1mm, calcite in veins starts at 146m EOH at 153.6m																	
145.20	145.50	0.30										145.20	145.50	Vn	55	complementary veins 5mm & <2mm, large low angle vein has green halo 2cm on downhole side starts pattern extending to 149.4m							
145.20	145.50	0.30										145.20	145.50	Vn	15	complementary veins 5mm & <2mm, large low angle vein has green halo 2cm on downhole side starts pattern extending to 149.4m							

## *Down Hole Surveys*

Hole No. **DM-10-054**

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<b>BHID</b>	<b>AT</b>	<b>BRG</b>	<b>DIP</b>	<b>TYPE</b>
DM-10-054				
	0.00	360.00	-62.00	Collar
	45.72	355.60	-64.20	Reflex
	91.44	361.30	-63.90	Reflex
	150.57	353.00	-64.30	Reflex

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# Metal Mountain Resources

Dome Mountain Project DDH Database

## Assays Per Hole

Grid-X: 653,643.78 Grud-Y: 6,068,875.50 Grid-Z: 1,265.47 Hole Number: DM-10-054

HOLE ID DM-10-054

FROM	TO	Length	SAMPLE	Au	Ag	Cu	ZN	PB	Wt	ROCKTYPE	Py%	CP%	SL%	GL%	VG	Intersect	LAB	CERT#	ExpVal	ISD-Au	Zscore	BAD	%DIFF
14.50	15.00	0.50	A061351	0.070	1.60				1.50	V/S	0.2						ASSCAN	OS0006RA					
18.20	18.80	0.60	A061454	0.015	0.05				1.50	Va	0.2						ASSCAN	OS0008RA					
18.80	19.40	0.60	A061352	0.170	1.40				3.00	Vas	0.2						ASSCAN	OS0006RA					
19.40	20.40	1.00	A061353	0.570	1.60				4.00	Vas	1	0.1					ASSCAN	OS0006RA					
20.40	21.10	0.70	A061354	0.570	3.00				2.00	QV	3	1			HW	ASSCAN	OS0006RA						
21.10	21.80	0.70	A061355	8.070	33.20				2.00	QV	3	0.5			HW	ASSCAN	OS0006RA						
21.80	22.60	0.80	A061356	0.015	0.90				3.00	Va	0.2						ASSCAN	OS0006RA					
22.60	23.40	0.80	A061357	0.130	1.70				3.00	Va	1	0.2					ASSCAN	OS0006RA					
23.40	24.20	0.80	A061358	0.270	0.05				2.50	Va	2						ASSCAN	OS0006RA					
23.40	24.20	0.80	A061359	9.000	1.80				0.10	GS-8A							ASSCAN	OS0006RA	8.250	0.300	2.50		9.09
24.20	25.00	0.80	A061360	0.030	0.05				3.00	Va	0.2						ASSCAN	OS0006RA					
25.00	25.80	0.80	A061361	0.100	0.40				2.50	Va	0.2						ASSCAN	OS0006RA					
25.80	26.00	0.20	A061362	0.170	0.30				1.00	Va	10						ASSCAN	OS0006RA					
26.00	26.80	0.80	A061363	0.730	0.60				3.00	Va	5	0.5					ASSCAN	OS0006RA					
26.00	26.80	0.80	A061364	0.015	0.05				0.50	blank							ASSCAN	OS0006RA	0.015	0.050	0.00		0.00
26.80	27.30	0.50	A061365	2.170	3.90				1.50	Va	7						ASSCAN	OS0006RA					
27.30	28.10	0.80	A061366	0.330	0.70				3.00	Va	1						ASSCAN	OS0006RA					
45.00	45.20	0.20	A061367	0.015	0.05				1.00	Va	1						ASSCAN	OS0006RA					
45.20	45.50	0.30	A061368	1.430	2.20				1.00	Va	2						ASSCAN	OS0006RA					
45.50	45.80	0.30	A061369	0.030	0.05				1.00	Va	1						ASSCAN	OS0006RA					
45.80	46.10	0.30	A061370	0.015	0.05				0.80	Va	0.2						ASSCAN	OS0006RA					
46.10	47.10	1.00	A061371	0.015	0.05				5.00	BTm	0.2						ASSCAN	OS0006RA					
46.10	47.10	1.00	A061372	11.330	1.60				0.10	GS-11A							ASSCAN	OS0006RA	11.210	0.435	0.28		1.07
47.10	47.40	0.30	A061373	0.015	0.20				1.00	Va	20						ASSCAN	OS0006RA					
47.40	47.80	0.40	A061374	0.030	0.60				1.00	Va	1	1					ASSCAN	OS0006RA					
47.80	48.10	0.30	A061375	0.015	0.10				0.90	Va	0.2	0.2					ASSCAN	OS0006RA					
48.10	48.70	0.60	A061376	0.130	5.30		4.130		2.00	Vas	3	3					ASSCAN	OS0006RA					
48.70	49.50	0.80	A061377	0.015	0.05				4.00	Va	0.2	0.5					ASSCAN	OS0006RA					
49.50	50.00	0.50	A061378	0.100	1.10		1.600		2.00	Vas	1	1					ASSCAN	OS0006RA					
50.00	50.50	0.50	A061379	16.670	50.40		7.260		2.00	Vas	1	5					ASSCAN	OS0006RA					
50.50	50.90	0.40	A061380	0.030	1.60				0.90	Va	2	5					ASSCAN	OS0006RA					
105.30	106.00	0.70	A061381	0.030	0.30				3.00	Va	0.2						ASSCAN	OS0006RA					
106.00	107.00	1.00	A061382	0.030	5.90				4.00	Vas	1						ASSCAN	OS0006RA					
107.00	108.00	1.00	A061383	0.100	6.10				3.50	Va	2						ASSCAN	OS0006RA					
107.00	108.00	1.00	A061384	0.015	0.05				0.60	blank							ASSCAN	OS0006RA	0.015	0.050	0.00		0.00
108.00	108.90	0.90	A061385	2.230	41.70				4.00	Va	5	1					ASSCAN	OS0006RA					
108.90	110.00	1.10	A061386	32.770	154.30				5.00	Vas	7	1 2			BFW	ASSCAN	OS0006RA						

**HOLE ID**                      **DM-10-054**

FROM	TO	Length	SAMPLE	Au	Ag	Cu	ZN	PB	Wt	ROCKTYPE	Py%	CP%	SL%	GL%	VG	Intersect	LAB	CERT#	ExpVal	ISD-Au	Zscore	BAD	%DIFF
110.00	110.80	0.80	A061387	4.970	19.70				4.00	Va		2				BFW	ASSCAN	OS0006RA					
110.80	111.25	0.45	A061388	41.670	332.10	1.93	5.250		1.00	QV		20	1	5		BFW	ASSCAN	OS0006RA					
110.80	111.25	0.45	A061389	42.470	368.90	1.81	9.950		1.50	DUP		20	1	5		BFW	ASSCAN	OS0006RA					
111.25	111.70	0.45	A061390	34.430	305.70	1.66	6.190		1.00	QV		15	1	5		BFW	ASSCAN	OS0006RA					
111.25	111.70	0.45	A061391	29.400	326.00	1.60	6.100		1.00	DUP		15	1	5		BFW	ASSCAN	OS0006RA					
111.70	112.50	0.80	A061392	0.530	4.90				3.00	Va		1					ASSCAN	OS0006RA					
111.70	112.50	0.80	A061393	8.370	2.50				0.10	GS-8A							ASSCAN	OS0006RA	8.250	0.300	0.40		1.45
112.50	113.50	1.00	A061394	0.200	1.00				4.00	Va		1					ASSCAN	OS0006RA					
113.50	115.30	1.80	A061395	1.370	7.30				4.50	Vas		2	0.1	0.2			ASSCAN	OS0006RA					
115.30	116.50	1.20	A061396	1.970	5.20				5.00	Vas		1					ASSCAN	OS0006RA					
116.50	117.00	0.50	A061397	4.200	10.80				2.50	QV		2		2		FW	ASSCAN	OS0006RA					
117.00	118.00	1.00	A061398	0.100	3.00				4.00	Va		2		5			ASSCAN	OS0006RA					
118.00	119.10	1.10	A061399	0.500	5.40				5.00	Va		2		5			ASSCAN	OS0006RA					
119.10	120.10	1.00	A061400	0.230	1.70				3.50	Vas		2		3			ASSCAN	OS0006RA					
120.10	120.80	0.70	A061401	12.230	22.00				3.50	Vas		7				FW	ASSCAN	OS0006RA					
120.80	121.10	0.30	A061402	7.030	29.30				1.00	QV		15				FW	ASSCAN	OS0006RA					
121.10	122.00	0.90	A061403	1.530	6.70				2.00	Vas		20					ASSCAN	OS0006RA					
122.00	122.80	0.80	A061455	0.015	0.05				3.00	FP							ASSCAN	OS0008RA					
127.20	128.20	1.00	A061456	0.015	0.05				2.00	FT							ASSCAN	OS0008RA					
128.20	129.00	0.80	A061457	0.015	0.05				2.00	FP							ASSCAN	OS0008RA					
138.30	138.90	0.60	A061458	0.015	0.60				2.00	FT							ASSCAN	OS0008RA					
138.90	140.00	1.10	A061404	0.030	4.80				4.00	Dkin		1					ASSCAN	OS0006RA					
140.00	140.70	0.70	A061405	0.015	0.60				3.00	Dkin		1					ASSCAN	OS0006RA					
140.70	141.40	0.70	A061459	0.015	1.30				2.00	FP							ASSCAN	OS0008RA					

**Count:**                                      61

## ICP data by hole

BHID: DM-10-054

Hole Name DM-10-054

Cert#	FROM	TO ROCKTYPE	Sample	Ag-ppm	Al-%	As-ppm	Ba-ppm	Bi-ppm	Ca-%	Cd-ppm	Co-ppm	Cr-ppm	Cu-ppm	Fe-%	Ga-ppm	K-%	La-ppm	Li-ppm	Mg-%
OS0006RR	14.50	15.00 V/S	A061351	3.0	8.670	81	600	2.5	2.930	70.0	23.0	27.0	55.0	7.720	37.0	3.040	5	12.0	2.000
OS0008RR	18.20	18.80 Va	A061454	0.5	8.380	42	563	2.5	2.380	4.0	22.0	13.0	25.0	4.770	23.0	1.880	5	12.0	1.500
OS0006RR	18.80	19.40 Vas	A061352	4.0	7.910	1527	643	2.5	0.930	46.0	16.0	50.0	44.0	6.590	31.0	3.270	5	4.0	1.100
OS0006RR	19.40	20.40 Vas	A061353	4.0	8.200	6691	614	9.0	0.400	48.0	16.0	56.0	48.0	6.250	33.0	3.440	5	3.0	0.750
OS0006RR	20.40	21.10 QV	A061354	3.0	2.570	4027	163	5.0	0.250	55.0	3.0	181.0	67.0	2.430	11.0	1.040	5	5.0	0.200
OS0006RR	21.10	21.80 QV	A061355	33.0	3.950	10000	288	22.0	1.070	43.0	9.0	126.0	285.0	6.770	20.0	1.630	5	7.0	0.630
OS0006RR	21.80	22.60 Va	A061356	1.0	10.000	83	589	2.5	1.310	6.0	27.0	22.0	37.0	6.870	37.0	3.120	16	6.0	1.690
OS0006RR	22.60	23.40 Va	A061357	1.0	7.370	95	570	2.5	1.940	27.0	11.0	38.0	55.0	3.710	23.0	2.970	10	15.0	1.000
OS0006RR	23.40	24.20 Va	A061358	1.0	8.110	83	518	5.0	1.930	34.0	13.0	23.0	69.0	3.910	25.0	2.600	11	17.0	0.990
OS0006RR	23.40	24.20 GS-8A	A061359	2.0	4.210	10000	305	13.0	2.240	1.0	23.0	53.0	106.0	4.880	21.0	1.230	5	10.0	0.890
OS0006RR	24.20	25.00 Va	A061360	1.0	8.120	154	507	2.5	2.430	7.0	11.0	26.0	29.0	3.280	25.0	2.630	11	6.0	1.070
OS0006RR	25.00	25.80 Va	A061361	3.0	8.090	492	300	2.5	1.860	20.0	14.0	49.0	59.0	3.090	25.0	1.450	12	12.0	0.960
OS0006RR	25.80	26.00 Va	A061362	1.0	7.560	180	404	2.5	3.210	78.0	12.0	51.0	96.0	4.250	25.0	1.710	10	25.0	1.270
OS0006RR	26.00	26.80 blank	A061364	0.5	0.080	10	10	2.5	25.000	0.5	0.5	2.0	0.5	0.060	7.0	0.020	5	0.5	1.400
OS0006RR	26.00	26.80 Va	A061363	1.0	8.020	137	565	2.5	2.400	55.0	10.0	42.0	70.0	3.720	25.0	2.260	10	13.0	1.010
OS0006RR	26.80	27.30 Va	A061365	5.0	9.610	220	320	13.0	2.000	221.0	21.0	41.0	342.0	6.910	35.0	3.180	11	6.0	1.240
OS0006RR	27.30	28.10 Va	A061366	1.0	8.170	83	446	5.0	1.590	98.0	20.0	27.0	132.0	5.100	25.0	1.720	5	6.0	0.990
OS0006RR	45.00	45.20 Va	A061367	0.5	9.260	20	723	2.5	4.300	3.0	33.0	14.0	21.0	6.880	36.0	3.540	5	31.0	2.740
OS0006RR	45.20	45.50 Va	A061368	1.0	7.530	157	592	2.5	5.830	16.0	22.0	24.0	70.0	5.580	32.0	3.150	5	12.0	2.710
OS0006RR	45.50	45.80 Va	A061369	0.5	9.990	73	893	2.5	5.000	3.0	33.0	17.0	15.0	6.630	37.0	3.960	5	20.0	3.000
OS0006RR	45.80	46.10 Va	A061370	0.5	9.690	5	790	2.5	4.470	2.0	29.0	16.0	22.0	6.550	38.0	3.740	5	38.0	3.500
OS0006RR	46.10	47.10 GS-11A	A061372	2.0	4.020	10000	337	10.0	2.030	1.0	18.0	72.0	79.0	4.670	18.0	1.550	14	7.0	0.890
OS0006RR	46.10	47.10 BTm	A061371	0.5	9.290	5	2477	2.5	5.270	2.0	20.0	12.0	3.0	6.430	35.0	3.790	5	27.0	3.570
OS0006RR	47.10	47.40 Va	A061373	0.5	8.380	17	722	2.5	5.340	3.0	29.0	9.0	4.0	6.090	30.0	3.290	5	18.0	3.090
OS0006RR	47.40	47.80 Va	A061374	1.0	7.890	11	529	5.0	4.660	58.0	39.0	29.0	129.0	7.590	40.0	2.810	5	23.0	3.390
OS0006RR	47.80	48.10 Va	A061375	0.5	8.390	5	452	2.5	4.900	5.0	42.0	36.0	96.0	6.930	37.0	2.530	5	40.0	4.100
OS0006RR	48.10	48.70 Vas	A061376	2.0	7.910	32	380	15.0	3.280	397.0	56.0	52.0	529.0	7.770	40.0	2.190	5	32.0	3.350
OS0006RR	48.70	49.50 Va	A061377	0.5	8.610	12	493	2.5	4.340	13.0	41.0	34.0	117.0	7.090	36.0	2.580	5	41.0	4.250
OS0006RR	49.50	50.00 Vas	A061378	2.0	7.770	45	608	8.0	2.050	152.0	29.0	47.0	194.0	9.300	39.0	3.260	5	8.0	2.420
OS0006RR	50.00	50.50 Vas	A061379	47.0	5.490	216	120	70.0	1.710	949.0	20.0	53.0	1971.0	8.860	35.0	2.260	5	6.0	1.080
OS0006RR	50.50	50.90 Va	A061380	0.5	7.900	24	185	2.5	3.070	6.0	24.0	29.0	86.0	5.450	27.0	0.890	5	12.0	1.610
OS0006RR	105.30	106.00 Va	A061381	0.5	7.450	12	867	2.5	3.870	2.0	13.0	25.0	78.0	3.540	22.0	3.370	5	6.0	1.640
OS0006RR	106.00	107.00 Vas	A061382	0.5	8.130	49	889	2.5	5.940	2.0	25.0	120.0	31.0	5.050	30.0	3.590	5	6.0	2.400
OS0006RR	107.00	108.00 Va	A061383	5.0	10.100	129	1021	5.0	2.650	20.0	10.0	28.0	413.0	3.240	29.0	4.200	5	6.0	1.130
OS0006RR	107.00	108.00 blank	A061384	0.5	0.080	5	11	2.5	25.000	0.5	0.5	7.0	0.5	0.070	8.0	0.030	5	1.0	1.810
OS0006RR	108.00	108.90 Va	A061385	38.0	8.330	554	454	30.0	1.620	157.0	9.0	42.0	3230.0	5.240	28.0	3.550	5	5.0	0.640
OS0006RR	108.90	110.00 Vas	A061386	130.0	4.830	1489	85	117.0	0.850	188.0	11.0	48.0	7191.0	11.510	26.0	2.100	5	4.0	0.470
OS0006RR	110.00	110.80 Va	A061387	18.0	8.140	301	518	16.0	3.290	34.0	18.0	38.0	640.0	4.650	26.0	3.350	5	4.0	1.330

*Hole Name*                      *DM-10-054*

<i>Cert#</i>	<i>FROM</i>	<i>TO</i>	<i>ROCKTYPE</i>	<i>Sample</i>	<i>Ag-ppm</i>	<i>Al-%</i>	<i>As-ppm</i>	<i>Ba-ppm</i>	<i>Bi-ppm</i>	<i>Ca-%</i>	<i>Cd-ppm</i>	<i>Co-ppm</i>	<i>Cr-ppm</i>	<i>Cu-ppm</i>	<i>Fe-%</i>	<i>Ga-ppm</i>	<i>K-%</i>	<i>La-ppm</i>	<i>Li-ppm</i>	<i>Mg-%</i>
0S0006RR	110.80	111.25	QV	A061388	200.0	0.710	2690	54	246.0	0.490	641.0	16.0	81.0	10000.0	20.720	30.0	0.270	5	3.0	0.410
0S0006RR	110.80	111.25	DUP	A061389	200.0	0.650	2842	52	279.0	0.300	1137.0	16.0	85.0	10000.0	19.640	25.0	0.240	5	3.0	0.330
0S0006RR	111.25	111.70	QV	A061390	200.0	0.720	1485	63	215.0	0.490	723.0	12.0	97.0	10000.0	24.990	30.0	0.290	5	2.0	0.400
0S0006RR	111.25	111.70	DUP	A061391	200.0	0.620	1659	51	173.0	0.520	749.0	15.0	105.0	10000.0	27.520	35.0	0.230	5	2.0	0.440
0S0006RR	111.70	112.50	Va	A061392	3.0	8.870	123	868	2.5	4.450	23.0	38.0	71.0	334.0	8.360	39.0	3.600	5	10.0	2.590
0S0006RR	111.70	112.50	GS-8A	A061393	3.0	4.260	10000	293	12.0	2.360	1.0	22.0	77.0	107.0	4.940	22.0	1.230	5	11.0	0.910
0S0006RR	112.50	113.50	Va	A061394	3.0	10.710	182	1183	2.5	1.630	9.0	36.0	64.0	182.0	8.140	36.0	4.650	5	9.0	1.050
0S0006RR	113.50	115.30	Vas	A061395	9.0	9.670	65	1015	28.0	0.660	5.0	33.0	68.0	180.0	7.950	32.0	4.260	5	9.0	0.630
0S0006RR	115.30	116.50	Vas	A061396	5.0	7.810	433	1089	2.5	3.890	12.0	19.0	64.0	234.0	4.940	28.0	3.290	5	7.0	2.120
0S0006RR	116.50	117.00	QV	A061397	10.0	6.950	108	1358	7.0	2.560	11.0	10.0	128.0	1053.0	4.460	23.0	2.870	5	5.0	1.490
0S0006RR	117.00	118.00	Va	A061398	2.0	9.950	119	548	2.5	4.110	7.0	29.0	30.0	131.0	5.620	32.0	4.030	5	6.0	2.000
0S0006RR	118.00	119.10	Va	A061399	6.0	8.460	52	242	7.0	4.000	26.0	28.0	54.0	268.0	6.120	29.0	3.540	5	5.0	1.540
0S0006RR	119.10	120.10	Vas	A061400	3.0	7.770	40	982	2.5	3.960	10.0	16.0	67.0	168.0	4.690	28.0	3.450	5	3.0	1.340
0S0006RR	120.10	120.80	Vas	A061401	22.0	5.080	388	114	27.0	2.070	9.0	31.0	114.0	1169.0	10.680	28.0	2.130	5	4.0	0.740
0S0006RR	120.80	121.10	QV	A061402	25.0	2.530	457	233	27.0	0.310	22.0	14.0	221.0	1145.0	4.720	12.0	1.090	5	3.0	0.160
0S0006RR	121.10	122.00	Vas	A061403	8.0	6.710	465	130	10.0	1.370	9.0	40.0	103.0	243.0	12.390	32.0	2.980	5	3.0	0.540
0S0008RR	122.00	122.80	FP	A061455	0.5	7.850	5	2204	2.5	3.710	3.0	37.0	10.0	18.0	6.240	28.0	1.770	5	10.0	1.770
0S0008RR	127.20	128.20	FT	A061456	0.5	10.310	5	731	2.5	0.630	2.0	25.0	7.0	12.0	6.330	29.0	2.550	5	19.0	0.600
0S0008RR	128.20	129.00	FP	A061457	0.5	9.780	5	487	5.0	0.540	4.0	32.0	6.0	31.0	7.900	32.0	1.340	5	25.0	1.020
0S0008RR	138.30	138.90	FT	A061458	0.5	9.130	5	388	2.5	0.290	1.0	26.0	26.0	48.0	5.580	22.0	0.780	5	16.0	1.100
0S0006RR	138.90	140.00	Dkin	A061404	2.0	9.130	33	822	2.5	2.170	3.0	30.0	55.0	197.0	6.750	28.0	3.870	5	6.0	1.100
0S0006RR	140.00	140.70	Dkin	A061405	0.5	10.000	21	1015	2.5	3.080	2.0	36.0	45.0	49.0	5.600	32.0	3.760	5	15.0	1.460
0S0008RR	140.70	141.40	FP	A061459	0.5	8.750	5	1179	2.5	1.280	2.0	16.0	15.0	17.0	5.490	23.0	3.420	5	5.0	0.600

*Count:*                                      61

# Metal Mountain Resourc

## Assayers Canda-ICP import file with sample data

BHID: DM-10-054

Hole Name DM-10-054

Cert#	FROM	TO	ROCKTYPE	Sample	Mn-ppm	Mo-ppm	Na-%	Nb-ppm	Ni-ppm	Pb-ppm	S-%	Sb-ppm	Sc-ppm	Sn-ppm	Sr-ppm	Ta-ppm	Te-ppm	Ti-%	V-ppm	W-ppm	Y-ppm	Zn-ppm	Zr-ppm
OS0006RR	14.50	15.00	V/S	A061351	10000	1	1.050	5	5	126	0.720	7.0	16.0	48	107.0	2.5	17	0.230	141.0	116	12.0	7018.0	30.0
OS0008RR	18.20	18.80	Va	A061454	3705	1	2.490	5	3	19	0.220	2.5	13.0	5	133.0	2.5	5	0.170	164.0	5	6.0	242.0	17.0
OS0006RR	18.80	19.40	Vas	A061352	10000	1	0.260	5	5	30	0.890	8.0	13.0	27	45.0	8.0	12	0.180	123.0	76	6.0	4451.0	19.0
OS0006RR	19.40	20.40	Vas	A061353	10000	1	0.230	5	6	63	1.390	13.0	17.0	19	34.0	6.0	16	0.260	133.0	147	6.0	4468.0	29.0
OS0006RR	20.40	21.10	QV	A061354	3689	2	0.100	5	3	185	1.130	19.0	4.0	5	26.0	11.0	5	0.060	36.0	79	2.0	5518.0	8.0
OS0006RR	21.10	21.80	QV	A061355	5780	1	0.130	5	6	1434	2.220	117.0	9.0	11	45.0	8.0	15	0.120	58.0	74	5.0	4496.0	20.0
OS0006RR	21.80	22.60	Va	A061356	4580	1	1.880	5	7	16	0.130	5.0	21.0	30	94.0	7.0	21	0.350	103.0	17	24.0	373.0	122.0
OS0006RR	22.60	23.40	Va	A061357	3440	2	0.350	5	6	19	0.780	6.0	11.0	24	79.0	2.5	5	0.170	66.0	58	11.0	2081.0	45.0
OS0006RR	23.40	24.20	Va	A061358	2071	1	1.620	5	6	23	0.970	5.0	12.0	19	86.0	2.5	10	0.210	76.0	50	17.0	2623.0	95.0
OS0006RR	23.40	24.20	GS-8A	A061359	602	23	0.920	5	55	322	0.920	6.0	10.0	50	109.0	10.0	11	0.110	83.0	5	7.0	239.0	49.0
OS0006RR	24.20	25.00	Va	A061360	2565	1	1.640	5	6	25	0.380	2.5	11.0	21	96.0	2.5	10	0.200	63.0	15	14.0	461.0	60.0
OS0006RR	25.00	25.80	Va	A061361	1476	1	3.930	5	4	104	0.360	5.0	11.0	31	134.0	2.5	11	0.190	75.0	12	13.0	1342.0	56.0
OS0006RR	25.80	26.00	Va	A061362	2535	1	2.890	5	7	63	1.410	2.5	11.0	54	171.0	7.0	5	0.150	87.0	88	12.0	5807.0	45.0
OS0006RR	26.00	26.80	blank	A061364	46	2	0.030	5	12	12	1.070	2.5	0.5	217	4734.0	14.0	5	0.005	2.0	5	0.5	40.0	1.0
OS0006RR	26.00	26.80	Va	A061363	2368	1	2.190	5	5	39	1.100	2.5	10.0	38	120.0	2.5	5	0.160	67.0	62	11.0	4236.0	41.0
OS0006RR	26.80	27.30	Va	A061365	2662	1	2.140	5	5	102	2.970	6.0	14.0	28	114.0	2.5	14	0.240	117.0	222	15.0	9880.0	84.0
OS0006RR	27.30	28.10	Va	A061366	1472	1	2.800	5	10	13	1.340	2.5	14.0	25	163.0	2.5	14	0.240	111.0	115	8.0	7324.0	32.0
OS0006RR	45.00	45.20	Va	A061367	2425	1	0.120	5	9	9	1.530	11.0	22.0	77	267.0	9.0	19	0.290	203.0	10	10.0	185.0	20.0
OS0006RR	45.20	45.50	Va	A061368	3172	2	0.120	5	7	61	1.430	17.0	18.0	71	369.0	7.0	15	0.230	161.0	19	8.0	870.0	16.0
OS0006RR	45.50	45.80	Va	A061369	2659	1	0.120	5	8	13	1.910	8.0	24.0	88	250.0	5.0	18	0.310	181.0	10	10.0	171.0	24.0
OS0006RR	45.80	46.10	Va	A061370	1858	1	0.190	5	9	10	0.110	6.0	23.0	84	234.0	2.5	16	0.270	181.0	5	7.0	118.0	11.0
OS0006RR	46.10	47.10	GS-11A	A061372	509	15	0.410	5	56	285	0.800	5.0	8.0	43	94.0	2.5	5	0.080	69.0	11	4.0	217.0	61.0
OS0006RR	46.10	47.10	BTm	A061371	2361	1	0.130	5	8	12	0.250	7.0	22.0	96	299.0	2.5	16	0.250	183.0	5	6.0	116.0	9.0
OS0006RR	47.10	47.40	Va	A061373	4197	1	0.110	5	9	13	0.890	2.5	18.0	86	265.0	2.5	15	0.220	219.0	5	7.0	181.0	11.0
OS0006RR	47.40	47.80	Va	A061374	10000	1	0.120	5	27	14	0.610	7.0	32.0	101	204.0	2.5	18	0.270	258.0	114	7.0	7618.0	9.0
OS0006RR	47.80	48.10	Va	A061375	6961	1	0.090	5	42	9	0.340	7.0	37.0	78	207.0	2.5	19	0.320	284.0	23	8.0	525.0	12.0
OS0006RR	48.10	48.70	Vas	A061376	6194	1	0.140	5	43	13	2.110	13.0	34.0	51	168.0	2.5	15	0.280	283.0	822	8.0	10000.0	11.0
OS0006RR	48.70	49.50	Va	A061377	5299	1	0.150	5	29	11	0.440	6.0	34.0	69	194.0	2.5	19	0.310	277.0	35	8.0	1516.0	14.0
OS0006RR	49.50	50.00	Vas	A061378	10000	1	0.130	5	23	17	0.830	13.0	29.0	23	127.0	2.5	16	0.240	216.0	312	8.0	10000.0	9.0
OS0006RR	50.00	50.50	Vas	A061379	7625	1	0.180	5	16	244	5.220	33.0	16.0	29	80.0	13.0	11	0.110	136.0	1358	5.0	10000.0	7.0
OS0006RR	50.50	50.90	Va	A061380	1639	1	4.000	5	6	14	0.410	10.0	18.0	32	299.0	6.0	13	0.210	183.0	5	6.0	459.0	9.0
OS0006RR	105.30	106.00	Va	A061381	1390	1	0.110	5	8	9	0.150	7.0	10.0	42	102.0	2.5	5	0.150	62.0	5	8.0	184.0	22.0
OS0006RR	106.00	107.00	Vas	A061382	3090	1	0.140	5	75	17	1.000	9.0	21.0	89	175.0	8.0	10	0.160	137.0	5	8.0	158.0	14.0
OS0006RR	107.00	108.00	Va	A061383	2066	1	0.220	5	15	39	0.620	14.0	13.0	49	100.0	10.0	5	0.160	109.0	22	7.0	1365.0	18.0
OS0006RR	107.00	108.00	blank	A061384	47	1	0.020	5	15	11	0.950	2.5	0.5	289	4808.0	14.0	5	0.005	2.0	5	0.5	27.0	0.0
OS0006RR	108.00	108.90	Va	A061385	2784	1	0.190	5	11	113	2.790	815.0	11.0	5	70.0	2.5	5	0.130	91.0	200	7.0	10000.0	23.0
OS0006RR	108.90	110.00	Vas	A061386	1238	2	0.100	5	13	355	6.970	2446.0	8.0	5	36.0	2.5	19	0.090	96.0	239	3.0	10000.0	16.0

*Hole Name*                      *DM-10-054*

<i>Cert#</i>	<i>FROM</i>	<i>TO ROCKTYPE Sample</i>	<i>Mn-ppm</i>	<i>Mo-ppm</i>	<i>Na-%</i>	<i>Nb-ppm</i>	<i>Ni-ppm</i>	<i>Pb-ppm</i>	<i>S-%</i>	<i>Sb-ppm</i>	<i>Sc-ppm</i>	<i>Sn-ppm</i>	<i>Sr-ppm</i>	<i>Ta-ppm</i>	<i>Te-ppm</i>	<i>Ti-%</i>	<i>V-ppm</i>	<i>W-ppm</i>	<i>Y-ppm</i>	<i>Zn-ppm</i>	<i>Zr-ppm</i>	
OS0006RR	110.00	110.80 Va	A061387	2015	1	0.210	5	26	231	1.820	219.0	12.0	64	122.0	2.5	10	0.170	141.0	54	8.0	2959.0	41.0
OS0006RR	110.80	111.25 QV	A061388	1222	1	0.030	5	29	1004	10.000	4396.0	0.5	5	17.0	2.5	33	0.010	35.0	987	2.0	10000.0	13.0
OS0006RR	110.80	111.25 DUP	A061389	1077	2	0.030	5	25	1093	10.000	3789.0	0.5	5	12.0	2.5	29	0.010	32.0	1993	1.0	10000.0	10.0
OS0006RR	111.25	111.70 QV	A061390	1159	1	0.030	5	14	796	10.000	1346.0	0.5	5	26.0	2.5	40	0.010	40.0	1144	1.0	10000.0	14.0
OS0006RR	111.25	111.70 DUP	A061391	1283	4	0.020	5	9	1147	10.000	1299.0	0.5	5	21.0	2.5	43	0.010	42.0	1209	1.0	10000.0	15.0
OS0006RR	111.70	112.50 Va	A061392	6331	1	0.230	5	34	165	0.590	71.0	33.0	97	143.0	2.5	19	0.290	266.0	10	9.0	1934.0	16.0
OS0006RR	111.70	112.50 GS-8A	A061393	580	20	0.900	5	60	616	0.870	6.0	10.0	30	126.0	5.0	11	0.120	80.0	5	7.0	244.0	50.0
OS0006RR	112.50	113.50 Va	A061394	7046	1	0.410	5	22	64	0.890	42.0	30.0	35	63.0	2.5	18	0.360	229.0	5	15.0	547.0	39.0
OS0006RR	113.50	115.30 Vas	A061395	5689	1	0.410	5	9	114	1.470	28.0	24.0	5	40.0	2.5	16	0.260	139.0	5	14.0	265.0	36.0
OS0006RR	115.30	116.50 Vas	A061396	3560	1	0.250	5	9	71	1.170	45.0	17.0	75	108.0	2.5	10	0.210	118.0	5	8.0	686.0	30.0
OS0006RR	116.50	117.00 QV	A061397	3749	1	0.210	5	9	63	0.870	97.0	15.0	56	114.0	2.5	10	0.200	105.0	5	6.0	745.0	24.0
OS0006RR	117.00	118.00 Va	A061398	3494	1	0.630	5	7	119	1.590	10.0	21.0	63	123.0	2.5	14	0.270	150.0	5	9.0	428.0	32.0
OS0006RR	118.00	119.10 Va	A061399	2945	1	0.200	5	6	150	3.080	37.0	18.0	67	95.0	2.5	12	0.220	132.0	5	6.0	1519.0	22.0
OS0006RR	119.10	120.10 Vas	A061400	3844	1	0.190	5	6	25	1.440	10.0	17.0	90	75.0	5.0	11	0.230	128.0	5	8.0	631.0	37.0
OS0006RR	120.10	120.80 Vas	A061401	8078	2	0.220	5	16	77	5.870	55.0	11.0	30	38.0	7.0	20	0.140	89.0	5	5.0	260.0	18.0
OS0006RR	120.80	121.10 QV	A061402	616	3	0.110	5	10	347	3.090	88.0	5.0	5	13.0	6.0	5	0.070	44.0	5	2.0	965.0	14.0
OS0006RR	121.10	122.00 Vas	A061403	5010	1	0.230	5	13	118	7.170	17.0	15.0	19	36.0	8.0	21	0.170	117.0	5	9.0	245.0	22.0
OS0008RR	122.00	122.80 FP	A061455	1323	1	2.720	5	7	1	0.110	5.0	20.0	5	123.0	2.5	14	0.250	209.0	5	10.0	178.0	24.0
OS0008RR	127.20	128.20 FT	A061456	807	1	1.200	5	1	1	0.040	19.0	27.0	5	163.0	2.5	12	0.290	248.0	5	9.0	67.0	23.0
OS0008RR	128.20	129.00 FP	A061457	1370	1	2.470	5	1	1	0.010	9.0	28.0	5	166.0	2.5	16	0.260	291.0	5	9.0	126.0	19.0
OS0008RR	138.30	138.90 FT	A061458	391	1	5.190	5	6	1	0.010	2.5	24.0	5	178.0	2.5	5	0.230	225.0	5	8.0	83.0	36.0
OS0006RR	138.90	140.00 Dkin	A061404	1467	1	0.250	5	7	62	3.590	11.0	18.0	40	62.0	2.5	14	0.230	144.0	5	6.0	71.0	27.0
OS0006RR	140.00	140.70 Dkin	A061405	1793	1	0.250	5	12	26	0.740	2.5	22.0	55	70.0	2.5	15	0.290	170.0	5	9.0	104.0	32.0
OS0008RR	140.70	141.40 FP	A061459	1056	1	0.880	5	4	1	0.060	2.5	20.0	5	63.0	7.0	5	0.150	166.0	5	7.0	60.0	15.0

*Count:*                                      61





# Drill Hole Log

## Dome Mountain Project Database

Hole Number: **DM-10-055**

**Grid-X:** 654,181.00      **Brg:** 240.00      **Ovb:** 4.60      **Surveyor:** 0      **Drill:** Driftwood Diamond Drilling  
**Grid-Y:** 6,069,900.00      **Dip:** -45.00      **Casing:** 4.60      **Survey Date:** 30-Dec-1899      **Drill Dates:** 06-Mar-10 to 07-Mar-10  
**Grid-Z:** 1,294.00      **Depth:** 171.30      **Recover Casing:** Y      **Core Size:** HQ      **Geologist:** Bryan Muloin  
**NTS:** 93L 077      **Claim:** 0      **Area:** 0      **Log Dates:** 09-Mar-10 to 30-Dec-1899  
**Target:** Condemnation drilling in TSF #4      **Comments:** Tailings Pond - collared on road, northeast of cabin on Camp Creek

Lithology						Alteration				Mineralization				Structure								
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	Style	Deg	From	To	Code	%	Comments	From	To	Code	CA	Comments	
0.00	4.60	4.60	<b>OB</b>																			
4.60	16.00	11.40					4.60	16.00	CB		1											
4.60	16.00	11.40	<b>V/S</b>		GRY																	
16.00	31.60	15.60					16.00	31.60	CB		1											
16.00	31.60	15.60	<b>FP</b>		GRY	dark purple grey has small white phenocrysts 1mm though not continuous, has a weak pattern of quartz-albite-pyrite veins <1cm that has maroon alteration haloes																
30.70	30.70	0.00															30.70	30.70	Vn	50		quartz-albite-pyrite vein 1cm has maroon halo 10cm
31.60	33.30	1.70	<b>NC</b>			1.7 meters lost- rubble																
33.30	34.70	1.40	<b>FP</b>																			
34.70	35.20	0.50					34.70	35.20	CB		0											
34.70	35.20	0.50					34.70	35.20	SI		5											
34.70	35.20	0.50	<b>QV</b>		WHT	very little albite or pyrite with the quartz, has maroon halo on both sides																
34.70	35.20	0.50															34.70	35.20	Vn	60		quartz vein
35.20	35.90	0.70					35.20	35.90	CB		1											
35.20	35.90	0.70	<b>Va</b>		MAR	bleached halo with series of quartz pyrite veins <1cm																
37.20	78.60	41.40					37.20	78.60	CB		2											
37.20	78.60	41.40	<b>BTm</b>		MAR	1.3m lost - gouge																
43.20	43.30	0.10															43.20	43.30	Vn	40		quartz-pyrite vein 2cm
48.75	48.80	0.05															48.75	48.80	Vn	75		quartz vein 5cm
53.20	54.00	0.80															53.20	54.00	Vn	0		albite-matrix breccia vein >4cm
78.60	80.10	1.50					78.60	80.10	CB		1											
78.60	80.10	1.50	<b>Va</b>		BLE	pink & light-green alteration zone, has appearance of parallel source																

Lithology						Alteration				Mineralization				Structure								
From	To	Len	RkTyp	Minor	Color	Description	From	To	Code	StyleDeg	From	To	Code	%	Comments	From	To	Code	CA	Comments		
80.10	124.00	43.90					80.10	124.00	CB	1												
80.10	124.00	43.90	<b>BTm</b>		MAR	maroon & green still short sections of FP with phenocrysts, some breccia of small angular clasts, has zone of epidote 83.0m - 87.5m, abundance of veins decreased & showing parallelism from 102.0 - 120.5m narrow quartz veins <3cm spaced 2 - 3 per meter. Fine pyrite seen in wallrock to qz-cb-chl stringers 101.5-103.6m.																
85.60	85.60	0.00										85.60	85.60	Vn	90	quartz 3cm						
98.90	99.00	0.10										98.90	99.00	Vn	45	quartz-albite-pyrite-chalcopyrite vein 4cm has green halo 30cm in breccia BTm						
106.20	107.40	1.20										106.20	107.40	Vn	45	green halo on 3 parallel veins <3cm						
119.50	119.80	0.30										119.50	119.80	Vn	50	continued parallel veining, 2 of, with pyrite <2cm						
124.00	153.00	29.00					124.00	153.00	CB	1												
124.00	153.00	29.00	<b>BTm</b>		MAR	maroon & green as above but epidote alteration occurs as widely spaced blobs																
125.40	125.60	0.20										125.40	125.60	Vn	20	specularite on fracture						
140.70	140.80	0.10										140.70	140.80	Vn	45	specularite in quartz vein 1cm						
146.90	147.00	0.10										146.90	147.00	Vn	90	specularite in quartz vein 5mm						
148.60	148.80	0.20										148.60	148.80	Vn	30	specularite in quartz vein 1cm						
153.00	166.50	13.50					153.00	166.50	CB	1												
153.00	166.50	13.50	<b>BTm</b>		MAR	maroon & green as above but increase in breccia in unit, specularite in quartz albite veins																
162.00	163.50	1.50										162.00	163.50	flt		gouge zone						
165.40	165.80	0.40										165.40	165.80	Vn	45	series of parallel quartz-specularite veins <1cm						
166.50	171.30	4.80					166.50	171.30	CB	0												
166.50	171.30	4.80	<b>FP</b>		MAR	maroon & green with small white phenocrysts 1mm in unit including dark purple zones, veining increases dominated by parallel orientation from 168.0m on in area of breccia & color alteration, calcite absent EOH at 171.3m																
168.00	171.30	3.30										168.00	171.30	Vn	60	series of parallel quartz-albite & specularite veins <1cm						

## *Down Hole Surveys*

Hole No. **DM-10-055**

<b>BHID</b>	<b>AT</b>	<b>BRG</b>	<b>DIP</b>	<b>TYPE</b>
DM-10-055				
	0.00	240.00	-45.00	Collar
	45.72	243.20	-46.10	Reflex
	91.44	241.30	-46.10	Reflex
	137.16	247.50	-45.90	Reflex
	170.69	243.40	-45.80	Reflex

# Metal Mountain Resources

Dome Mountain Project DDH Database

## Assays Per Hole

Grid-X: 654,181.00 Grud-Y: 6,069,900.00 Grid-Z: 1,294.00 Hole Number: DM-10-055

HOLE ID DM-10-055

FROM	TO	Length	SAMPLE	Au	Ag	Cu	ZN	PB	Wt	ROCKTYPE	Py%	CP%	SL%	GL%	VG	Intersect	LAB	CERT#	ExpVal	ISD-Au	Zscore	BAD	%DIFF
24.80	25.80	1.00	A061436	0.330	1.40				4.00	FP							ASSCAN	0S0007RA					
29.90	30.60	0.70	A061569	0.030	1.30				2.50	FP							ASSCAN	0S0013RA					
30.60	30.80	0.20	A061406	0.870	0.70				0.90	FP							ASSCAN	0S0006RA					
30.80	31.60	0.80	A061570	0.070	2.80				3.00	FP							ASSCAN	0S0013RA					
33.30	33.85	0.55	A061571	0.070	1.10				1.00	FP							ASSCAN	0S0013RA					
33.85	34.70	0.85	A061437	0.030	0.60				3.00	Va							ASSCAN	0S0007RA					
34.70	35.20	0.50	A061407	0.970	3.60				1.50	QV							ASSCAN	0S0006RA					
34.70	35.20	0.50	A061408	0.015	0.05				0.50	blank							ASSCAN	0S0006RA	0.015	0.050	0.00		0.00
35.20	35.45	0.25	A061409	0.930	0.90				1.50	Va							ASSCAN	0S0006RA					
35.45	35.90	0.45	A061438	4.100	5.30				1.50	Va							ASSCAN	0S0007RA					
37.20	38.20	1.00	A061572	0.030	1.10				4.00	BTm							ASSCAN	0S0013RA					
38.20	39.20	1.00	A061573	0.030	0.60				4.00	BTm							ASSCAN	0S0013RA					
38.20	39.20	1.00	A061574	0.015	1.20				0.80	Blank							ASSCAN	0S0013RA	0.015	0.050	0.00		0.00
39.20	40.20	1.00	A061575	0.030	2.00				4.00	BTm							ASSCAN	0S0013RA					
40.20	41.20	1.00	A061576	0.030	0.05				4.00	BTm							ASSCAN	0S0013RA					
41.20	42.20	1.00	A061577	0.015	0.90				4.00	BTm							ASSCAN	0S0013RA					
42.20	43.10	0.90	A061578	0.015	0.10				2.00	BTm							ASSCAN	0S0013RA					
43.10	43.40	0.30	A061410	1.330	3.10				1.00	BTm							ASSCAN	0S0006RA					
43.40	44.40	1.00	A061579	0.030	1.90				4.00	BTm							ASSCAN	0S0013RA					
46.30	46.90	0.60	A061580	0.015	0.70				3.00	BTm							ASSCAN	0S0013RA					
48.50	49.10	0.60	A061581	0.015	0.80				2.00	BTm							ASSCAN	0S0013RA					
53.30	54.10	0.80	A061582	0.030	1.30				3.00	BTm							ASSCAN	0S0013RA					
60.20	61.20	1.00	A061439	0.015	0.10				3.00	BTm							ASSCAN	0S0007RA					
61.20	62.20	1.00	A061440	0.100	0.40				3.00	BTm							ASSCAN	0S0007RA					
62.20	62.40	0.20	A061411	0.570	5.00				0.60	BTm							ASSCAN	0S0006RA					
88.85	89.20	0.35	A061441	0.170	1.40				1.00	BTm							ASSCAN	0S0007RA					
98.20	98.90	0.70	A061442	0.015	0.20				2.00	BTm							ASSCAN	0S0007RA					
98.90	99.10	0.20	A061412	0.300	1.80				1.00	BTm							ASSCAN	0S0006RA					
99.10	99.60	0.50	A061443	0.015	0.05				1.50	BTm							ASSCAN	0S0007RA					
99.10	99.60	0.50	A061444	0.015	0.05				0.70	Blank							ASSCAN	0S0007RA	0.015	0.050	0.00		0.00
101.50	102.60	1.10	A061445	0.015	0.10				4.00	BTm							ASSCAN	0S0007RA					
102.60	103.70	1.10	A061446	0.030	0.70				4.00	BTm							ASSCAN	0S0007RA					
106.20	107.40	1.20	A061413	0.030	1.10				5.00	BTm							ASSCAN	0S0006RA					
106.20	107.40	1.20	A061414	11.470	0.90				0.10	GS-11A							ASSCAN	0S0006RA	11.210	0.435	0.60		2.32
118.80	119.50	0.70	A061447	0.015	0.10				3.00	BTm							ASSCAN	0S0007RA					
119.50	119.80	0.30	A061415	0.070	10.60				1.00	BTm							ASSCAN	0S0006RA					
119.80	120.80	1.00	A061448	0.200	0.50				3.00	BTm							ASSCAN	0S0007RA					

**HOLE ID**      **DM-10-055**

FROM	TO	Length	SAMPLE	Au	Ag	Cu	ZN	PB	Wt	ROCKTYPE	Py%	CP%	SL%	GL%	VG	Intersect	LAB	CERT#	ExpVal	ISD-Au	Zscore	BAD	%DIFF
125.40	125.60	0.20	A061416	0.015	2.30				0.60	BTm							ASSCAN	0S0006RA					
148.60	148.80	0.20	A061417	0.030	2.40				1.00	BTm							ASSCAN	0S0006RA					
154.30	155.10	0.80	A061449	0.015	0.05				2.00	FT							ASSCAN	0S0007RA					
157.30	158.00	0.70	A061450	0.015	0.40				2.00	FT							ASSCAN	0S0007RA					
162.70	163.50	0.80	A061451	0.015	0.40				2.00	FT	0.5	0.1					ASSCAN	0S0007RA					
165.40	165.80	0.40	A061418	0.015	1.40				2.00	BTm							ASSCAN	0S0006RA					
169.60	170.20	0.60	A061452	0.015	0.05				2.00	FP							ASSCAN	0S0007RA					
170.20	171.30	1.10	A061453	0.015	0.05				4.00	Vas							ASSCAN	0S0007RA					

**Count:**                      45

## ICP data by hole

BHID: DM-10-055

Hole Name DM-10-055

Cert#	FROM	TO ROCKTYPE	Sample	Ag-ppm	Al-%	As-ppm	Ba-ppm	Bi-ppm	Ca-%	Cd-ppm	Co-ppm	Cr-ppm	Cu-ppm	Fe-%	Ga-ppm	K-%	La-ppm	Li-ppm	Mg-%
OS0007RR	24.80	25.80 FP	A061436	1.0	8.590	44	864	2.5	3.930	28.0	22.0	20.0	81.0	6.170	27.0	2.400	5	11.0	1.460
OS0013RR	29.90	30.60 FP	A061569	0.5	8.820	11	587	2.5	3.390	11.0	22.0	20.0	8.0	5.370	1.0	1.330	5	11.0	1.740
OS0006RR	30.60	30.80 FP	A061406	0.5	9.640	19	1069	2.5	4.000	2.0	22.0	25.0	12.0	6.540	34.0	3.120	5	7.0	1.450
OS0013RR	30.80	31.60 FP	A061570	0.5	8.430	46	808	2.5	4.000	4.0	21.0	24.0	35.0	5.410	0.5	1.890	5	12.0	1.670
OS0013RR	33.30	33.85 FP	A061571	0.5	8.240	29	505	14.0	4.270	2.0	19.0	19.0	0.5	4.990	0.5	1.250	5	11.0	1.500
OS0007RR	33.85	34.70 Va	A061437	0.5	8.470	16	622	2.5	4.030	3.0	25.0	15.0	0.5	5.820	29.0	1.110	5	25.0	1.520
OS0006RR	34.70	35.20 QV	A061407	1.0	0.980	57	53	2.5	1.050	4.0	4.0	234.0	25.0	1.680	5.0	0.370	5	6.0	0.260
OS0006RR	34.70	35.20 blank	A061408	0.5	0.050	5	10	2.5	25.000	0.5	0.5	8.0	0.5	0.060	8.0	0.020	5	1.0	1.640
OS0006RR	35.20	35.45 Va	A061409	1.0	8.270	154	520	2.5	3.180	15.0	19.0	69.0	75.0	5.560	30.0	3.250	5	11.0	1.030
OS0007RR	35.45	35.90 Va	A061438	5.0	7.670	205	314	2.5	4.710	17.0	27.0	33.0	261.0	7.180	29.0	2.920	5	11.0	1.480
OS0013RR	37.20	38.20 BTm	A061572	0.5	8.210	12	884	13.0	4.530	3.0	18.0	20.0	4.0	4.990	0.5	1.890	5	15.0	1.410
OS0013RR	38.20	39.20 BTm	A061573	0.5	8.520	21	785	2.5	4.230	2.0	22.0	16.0	1.0	4.940	3.0	1.380	5	45.0	1.610
OS0013RR	38.20	39.20 Blank	A061574	0.5	0.040	5	5	33.0	25.000	0.5	0.5	3.0	0.5	0.100	27.0	0.080	5	2.0	3.070
OS0013RR	39.20	40.20 BTm	A061575	0.5	8.420	14	915	2.5	4.300	2.0	24.0	44.0	16.0	5.080	14.0	1.230	5	40.0	1.830
OS0013RR	40.20	41.20 BTm	A061576	0.5	7.620	16	885	2.5	6.110	2.0	21.0	73.0	0.5	4.780	9.0	0.840	5	70.0	1.750
OS0013RR	41.20	42.20 BTm	A061577	0.5	8.340	18	1779	2.5	3.980	2.0	18.0	23.0	0.5	4.950	15.0	1.950	5	14.0	1.280
OS0013RR	42.20	43.10 BTm	A061578	0.5	9.150	15	2400	6.0	2.880	1.0	22.0	22.0	0.5	5.330	16.0	2.280	5	19.0	1.590
OS0006RR	43.10	43.40 BTm	A061410	2.0	7.310	139	804	2.5	4.340	44.0	27.0	39.0	68.0	6.970	28.0	1.760	5	32.0	1.690
OS0013RR	43.40	44.40 BTm	A061579	0.5	8.050	25	996	31.0	5.380	2.0	20.0	12.0	96.0	5.000	10.0	1.600	5	22.0	1.670
OS0013RR	46.30	46.90 BTm	A061580	0.5	8.630	22	1198	17.0	5.910	1.0	18.0	28.0	6.0	4.950	17.0	1.140	5	19.0	1.560
OS0013RR	48.50	49.10 BTm	A061581	0.5	9.280	11	1784	8.0	4.180	1.0	21.0	16.0	2.0	5.480	21.0	2.410	5	25.0	2.160
OS0013RR	53.30	54.10 BTm	A061582	0.5	8.740	18	1147	2.5	6.600	2.0	19.0	16.0	299.0	5.080	12.0	1.980	5	27.0	1.680
OS0007RR	60.20	61.20 BTm	A061439	0.5	7.930	5	4430	2.5	6.020	3.0	18.0	23.0	21.0	6.180	29.0	1.510	5	58.0	2.140
OS0007RR	61.20	62.20 BTm	A061440	1.0	6.250	5	6226	2.5	6.240	4.0	18.0	23.0	504.0	5.900	26.0	0.960	5	57.0	2.290
OS0006RR	62.20	62.40 BTm	A061411	3.0	7.840	5	1188	2.5	3.790	3.0	28.0	58.0	1996.0	7.010	31.0	1.280	5	44.0	2.480
OS0007RR	88.85	89.20 BTm	A061441	2.0	5.670	20	3924	2.5	9.670	12.0	27.0	25.0	161.0	6.700	30.0	0.930	5	19.0	3.260
OS0007RR	98.20	98.90 BTm	A061442	0.5	9.770	17	288	2.5	4.030	2.0	22.0	16.0	46.0	7.240	14.0	0.460	5	32.0	2.210
OS0006RR	98.90	99.10 BTm	A061412	3.0	9.230	18	447	2.5	4.960	3.0	28.0	29.0	236.0	7.380	33.0	1.380	5	36.0	2.670
OS0007RR	99.10	99.60 BTm	A061443	0.5	10.020	25	296	2.5	3.790	1.0	23.0	17.0	3.0	6.730	14.0	0.500	5	60.0	2.240
OS0007RR	99.10	99.60 Blank	A061444	1.0	0.200	5	10	9.0	25.000	0.5	0.5	5.0	0.5	0.190	9.0	0.030	5	28.0	1.170
OS0007RR	101.50	102.60 BTm	A061445	0.5	10.340	23	409	2.5	5.330	1.0	24.0	17.0	72.0	7.040	15.0	1.160	5	41.0	1.770
OS0007RR	102.60	103.70 BTm	A061446	1.0	10.190	23	461	2.5	4.960	2.0	23.0	13.0	235.0	7.110	14.0	1.230	5	39.0	2.150
OS0006RR	106.20	107.40 GS-11A	A061414	2.0	4.120	10000	326	10.0	1.990	1.0	17.0	106.0	75.0	4.650	21.0	1.590	13	8.0	0.890
OS0006RR	106.20	107.40 BTm	A061413	0.5	9.650	5	620	2.5	3.840	2.0	25.0	24.0	90.0	6.430	34.0	0.930	5	25.0	2.340
OS0007RR	118.80	119.50 BTm	A061447	0.5	9.780	18	321	2.5	3.840	2.0	23.0	20.0	25.0	7.290	8.0	0.560	5	32.0	2.390
OS0006RR	119.50	119.80 BTm	A061415	8.0	8.840	25	446	18.0	4.500	3.0	27.0	39.0	114.0	7.140	34.0	1.310	5	27.0	2.520
OS0007RR	119.80	120.80 BTm	A061448	0.5	9.600	19	409	2.5	3.590	2.0	21.0	19.0	130.0	7.300	9.0	1.020	5	34.0	2.110
OS0006RR	125.40	125.60 BTm	A061416	0.5	9.610	10	451	2.5	4.580	2.0	31.0	23.0	15.0	7.430	38.0	0.560	5	29.0	2.930

*Hole Name*                      *DM-10-055*

<i>Cert#</i>	<i>FROM</i>	<i>TO ROCKTYPE</i>	<i>Sample</i>	<i>Ag-ppm</i>	<i>Al-%</i>	<i>As-ppm</i>	<i>Ba-ppm</i>	<i>Bi-ppm</i>	<i>Ca-%</i>	<i>Cd-ppm</i>	<i>Co-ppm</i>	<i>Cr-ppm</i>	<i>Cu-ppm</i>	<i>Fe-%</i>	<i>Ga-ppm</i>	<i>K-%</i>	<i>La-ppm</i>	<i>Li-ppm</i>	<i>Mg-%</i>
OS0006RR	148.60	148.80 BTm	A061417	0.5	9.900	5	429	2.5	4.740	2.0	32.0	36.0	8.0	7.320	37.0	0.900	5	27.0	3.020
OS0007RR	154.30	155.10 FT	A061449	0.5	9.590	14	169	2.5	3.790	2.0	26.0	26.0	15.0	7.280	7.0	0.350	5	38.0	2.710
OS0007RR	157.30	158.00 FT	A061450	0.5	9.850	20	276	5.0	3.140	2.0	26.0	20.0	24.0	7.790	8.0	0.470	5	30.0	2.410
OS0007RR	162.70	163.50 FT	A061451	1.0	9.520	13	574	2.5	5.050	2.0	22.0	25.0	495.0	7.590	8.0	0.900	5	25.0	2.220
OS0006RR	165.40	165.80 BTm	A061418	0.5	9.500	5	548	2.5	3.520	3.0	27.0	28.0	19.0	7.590	33.0	0.870	5	27.0	2.840
OS0007RR	169.60	170.20 FP	A061452	0.5	9.310	11	254	2.5	4.220	2.0	20.0	22.0	0.5	6.900	5.0	0.810	5	11.0	2.310
OS0007RR	170.20	171.30 Vas	A061453	0.5	9.030	12	323	2.5	5.310	2.0	21.0	33.0	10.0	6.950	3.0	0.940	5	14.0	2.230

*Count:*                                      45

# Metal Mountain Resources

## Assayers Canda-ICP import file with sample data

BHID: DM-10-055

Hole Name DM-10-055

Cert#	FROM	TO	ROCKTYPE	Sample	Mn-ppm	Mo-ppm	Na-%	Nb-ppm	Ni-ppm	Pb-ppm	S-%	Sb-ppm	Sc-ppm	Sn-ppm	Sr-ppm	Ta-ppm	Te-ppm	Ti-%	V-ppm	W-ppm	Y-ppm	Zn-ppm	Zr-ppm
0S0007RR	24.80	25.80	FP	A061436	5322	1	1.660	5	9	9	0.660	31.0	20.0	5	160.0	8.0	5	0.060	271.0	10	6.0	1819.0	6.0
0S0013RR	29.90	30.60	FP	A061569	2529	5	4.000	5	1	24	0.200	14.0	19.0	5	282.0	2.5	19	0.190	238.0	13	7.0	707.0	14.0
0S0006RR	30.60	30.80	FP	A061406	2042	1	2.210	5	9	21	0.800	2.5	20.0	91	142.0	2.5	12	0.200	260.0	5	8.0	109.0	21.0
0S0013RR	30.80	31.60	FP	A061570	3154	7	2.980	17	1	21	0.640	31.0	18.0	5	246.0	2.5	17	0.170	248.0	5	8.0	297.0	17.0
0S0013RR	33.30	33.85	FP	A061571	2956	4	4.010	18	14	17	0.480	31.0	17.0	5	323.0	104.0	15	0.160	214.0	38	8.0	190.0	17.0
0S0007RR	33.85	34.70	Va	A061437	2704	1	4.100	5	5	1	0.230	7.0	20.0	5	336.0	6.0	5	0.170	225.0	5	7.0	227.0	8.0
0S0006RR	34.70	35.20	QV	A061407	1108	16	0.050	5	6	56	0.610	16.0	2.0	5	17.0	15.0	5	0.020	25.0	5	1.0	167.0	2.0
0S0006RR	34.70	35.20	blank	A061408	45	1	0.020	5	12	12	0.910	2.5	0.5	324	4749.0	11.0	5	0.005	2.0	5	0.5	10.0	0.0
0S0006RR	35.20	35.45	Va	A061409	4070	2	0.650	5	10	108	2.030	10.0	18.0	13	78.0	8.0	15	0.280	224.0	12	7.0	870.0	25.0
0S0007RR	35.45	35.90	Va	A061438	7095	2	0.370	5	10	186	3.470	20.0	18.0	5	86.0	15.0	12	0.100	274.0	5	7.0	818.0	8.0
0S0013RR	37.20	38.20	BTm	A061572	2404	7	2.410	49	1	19	0.380	19.0	17.0	5	213.0	2.5	21	0.180	235.0	5	9.0	187.0	14.0
0S0013RR	38.20	39.20	BTm	A061573	2174	5	3.180	11	38	14	0.230	23.0	18.0	5	313.0	46.0	27	0.210	208.0	99	9.0	134.0	14.0
0S0013RR	38.20	39.20	Blank	A061574	58	11	0.060	5	6	1	1.060	16.0	0.5	5	4058.0	29.0	22	0.005	4.0	195	0.5	7.0	1.0
0S0013RR	39.20	40.20	BTm	A061575	1594	9	2.540	20	10	14	0.140	22.0	19.0	5	272.0	2.5	29	0.210	207.0	28	10.0	169.0	14.0
0S0013RR	40.20	41.20	BTm	A061576	1972	1	2.850	24	14	22	0.190	19.0	20.0	5	316.0	2.5	25	0.200	201.0	91	12.0	161.0	15.0
0S0013RR	41.20	42.20	BTm	A061577	1354	7	1.100	28	1	12	0.120	16.0	18.0	5	218.0	46.0	26	0.230	199.0	48	10.0	226.0	17.0
0S0013RR	42.20	43.10	BTm	A061578	1486	3	0.990	13	3	15	0.090	26.0	20.0	11	156.0	2.5	16	0.230	205.0	5	7.0	383.0	11.0
0S0006RR	43.10	43.40	BTm	A061410	5240	13	0.490	5	15	172	2.040	27.0	16.0	88	90.0	8.0	16	0.240	157.0	22	7.0	3896.0	17.0
0S0013RR	43.40	44.40	BTm	A061579	2220	10	1.500	20	19	47	0.220	34.0	18.0	5	185.0	75.0	26	0.240	185.0	5	11.0	218.0	24.0
0S0013RR	46.30	46.90	BTm	A061580	1514	7	1.890	5	1	70	0.170	33.0	19.0	5	475.0	2.5	23	0.280	201.0	5	13.0	119.0	24.0
0S0013RR	48.50	49.10	BTm	A061581	1650	2	0.990	5	4	20	0.110	14.0	20.0	5	152.0	2.5	15	0.220	203.0	5	9.0	158.0	22.0
0S0013RR	53.30	54.10	BTm	A061582	1838	5	0.860	5	12	24	0.240	17.0	21.0	5	244.0	2.5	14	0.170	224.0	81	12.0	133.0	15.0
0S0007RR	60.20	61.20	BTm	A061439	2331	1	0.580	5	10	6	0.240	5.0	20.0	5	183.0	8.0	5	0.060	207.0	5	8.0	254.0	6.0
0S0007RR	61.20	62.20	BTm	A061440	2473	1	0.490	5	14	22	0.330	15.0	16.0	5	707.0	11.0	5	0.040	165.0	5	7.0	273.0	4.0
0S0006RR	62.20	62.40	BTm	A061411	1809	7	0.450	5	15	15	0.190	15.0	28.0	63	121.0	2.5	20	0.320	225.0	5	8.0	383.0	23.0
0S0007RR	88.85	89.20	BTm	A061441	5295	2	0.600	5	15	206	0.410	23.0	21.0	5	252.0	24.0	5	0.020	206.0	5	7.0	971.0	4.0
0S0007RR	98.20	98.90	BTm	A061442	1866	2	2.430	5	6	8	0.100	2.5	20.0	5	324.0	2.5	5	0.150	190.0	5	12.0	162.0	11.0
0S0006RR	98.90	99.10	BTm	A061412	2108	1	1.350	5	9	9	0.680	10.0	23.0	59	224.0	2.5	18	0.300	217.0	5	11.0	159.0	28.0
0S0007RR	99.10	99.60	BTm	A061443	1797	2	2.760	5	12	6	0.080	2.5	21.0	5	320.0	2.5	5	0.250	193.0	5	12.0	154.0	23.0
0S0007RR	99.10	99.60	Blank	A061444	52	4	0.060	5	1	7	0.800	2.5	0.5	5	4740.0	12.0	5	0.010	5.0	5	1.0	5.0	1.0
0S0007RR	101.50	102.60	BTm	A061445	1584	3	1.460	5	1	18	0.290	2.5	20.0	5	283.0	11.0	10	0.270	198.0	5	9.0	130.0	22.0
0S0007RR	102.60	103.70	BTm	A061446	1849	1	1.320	5	11	17	0.300	2.5	20.0	5	254.0	8.0	12	0.270	203.0	12	9.0	136.0	20.0
0S0006RR	106.20	107.40	GS-11A	A061414	478	15	0.420	5	57	332	0.850	5.0	8.0	59	96.0	14.0	10	0.070	68.0	13	4.0	197.0	61.0
0S0006RR	106.20	107.40	BTm	A061413	2063	1	3.780	5	5	15	0.340	8.0	20.0	59	352.0	10.0	19	0.310	188.0	5	13.0	119.0	30.0
0S0007RR	118.80	119.50	BTm	A061447	2211	2	2.920	5	6	6	0.090	2.5	23.0	5	347.0	34.0	10	0.170	194.0	5	11.0	148.0	12.0
0S0006RR	119.50	119.80	BTm	A061415	2330	1	2.160	5	12	39	0.740	7.0	24.0	107	218.0	2.5	18	0.260	214.0	5	9.0	155.0	20.0
0S0007RR	119.80	120.80	BTm	A061448	2171	1	2.180	5	9	10	0.470	2.5	20.0	5	233.0	2.5	5	0.130	192.0	5	8.0	189.0	14.0



*Hole Name*                      *DM-10-055*

<i>Cert#</i>	<i>FROM</i>	<i>TO ROCKTYPE</i>	<i>Sample</i>	<i>Mn-ppm</i>	<i>Mo-ppm</i>	<i>Na-%</i>	<i>Nb-ppm</i>	<i>Ni-ppm</i>	<i>Pb-ppm</i>	<i>S-%</i>	<i>Sb-ppm</i>	<i>Sc-ppm</i>	<i>Sn-ppm</i>	<i>Sr-ppm</i>	<i>Ta-ppm</i>	<i>Te-ppm</i>	<i>Ti-%</i>	<i>V-ppm</i>	<i>W-ppm</i>	<i>Y-ppm</i>	<i>Zn-ppm</i>	<i>Zr-ppm</i>	
OS0006RR	125.40	125.60	BTm	A061416	2132	1	4.080	5	12	17	0.110	12.0	24.0	102	344.0	2.5	20	0.350	222.0	5	15.0	166.0	32.0
OS0006RR	148.60	148.80	BTm	A061417	2468	1	3.620	5	12	15	0.120	7.0	28.0	82	345.0	5.0	20	0.370	248.0	27	15.0	154.0	34.0
OS0007RR	154.30	155.10	FT	A061449	2322	1	2.970	5	1	12	0.090	2.5	25.0	5	290.0	25.0	5	0.190	207.0	5	11.0	159.0	18.0
OS0007RR	157.30	158.00	FT	A061450	2099	1	3.290	5	1	8	0.070	2.5	24.0	5	325.0	22.0	13	0.240	219.0	27	10.0	168.0	20.0
OS0007RR	162.70	163.50	FT	A061451	2288	2	2.220	5	1	10	0.210	2.5	22.0	5	272.0	18.0	5	0.140	212.0	5	8.0	189.0	10.0
OS0006RR	165.40	165.80	BTm	A061418	2024	1	3.750	5	9	9	0.090	5.0	23.0	85	393.0	12.0	16	0.280	241.0	11	14.0	148.0	24.0
OS0007RR	169.60	170.20	FP	A061452	2071	1	2.940	5	4	8	0.090	2.5	21.0	5	228.0	2.5	5	0.130	165.0	5	5.0	141.0	12.0
OS0007RR	170.20	171.30	Vas	A061453	2372	1	2.320	5	1	6	0.130	2.5	22.0	5	267.0	34.0	5	0.090	196.0	5	6.0	151.0	8.0

*Count:*                                      45

**Appendix II**

**CERTIFICATES OF ANALYSIS**



**Assayers Canada**

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0S0069RR

Date : Oct-06-10

Sample type : CORE

**Metal Mountain Resources**

Project : DOME

Attention : Daryl Hanson

**ICP-AES Report**

Multi-Acid Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm		
A061638	<1	3.93	<10	539	7	4.87	7	20	24	183	5.79	21	0.74	<10	17	1.60	2304	<2	2.54	<10	4	21	0.66	<5	7	<10	216	35	21	0.20	112	38	5	357	16		
A061639	<1	3.62	<10	2023	<5	5.34	3	31	247	20	5.67	19	1.91	<10	23	4.22	2824	<2	0.06	<10	100	21	0.75	9	19	<10	694	15	26	0.29	183	33	5	130	11		
A061640	<1	4.70	10	1199	<5	4.75	3	30	172	228	5.83	24	2.52	<10	15	2.63	2840	<2	0.07	<10	71	25	0.89	9	22	<10	343	27	24	0.32	164	41	8	127	26		
A061641	<1	5.41	22	825	5	4.34	8	24	21	36	4.82	27	3.20	<10	8	1.57	2782	<2	0.14	<10	<2	30	1.08	10	15	<10	95	36	25	0.37	164	37	13	405	61		
A061642	21	1.93	102	349	30	1.04	1193	11	55	1623	4.71	11	1.57	<10	5	0.37	1253	3	0.08	<10	3	895	5.55	23	7	<10	22	33	12	0.12	84	1629	3	>10000	18		
A061643	<1	3.89	29	669	<5	2.44	15	10	28	25	4.35	17	2.84	<10	4	0.73	2901	<2	0.48	<10	<2	91	1.23	7	11	<10	50	24	21	0.30	82	44	8	894	40		
A061644	3	5.00	34	788	7	3.57	16	25	31	191	5.85	23	3.22	<10	10	1.17	5028	2	0.12	<10	<2	69	1.47	14	15	<10	65	48	29	0.35	153	53	11	848	56		
A061645	2	2.77	6294	270	10	1.86	1	20	78	104	4.03	12	1.00	<10	8	0.69	510	22	0.74	<10	42	674	0.69	7	8	<10	80	30	16	0.12	76	<10	6	204	50		
A061646	15	3.37	122	348	19	3.99	93	12	112	310	5.79	16	1.64	<10	3	1.23	3215	5	0.07	<10	4	702	2.45	75	9	<10	90	33	19	0.15	89	134	7	6153	36		
A061647	<1	4.57	56	753	5	2.48	31	20	39	255	5.68	23	3.81	<10	10	0.94	3063	<2	0.12	<10	2	37	2.07	44	15	<10	54	39	26	0.32	172	52	7	1896	28		
A061648	<1	4.55	15	1819	<5	4.16	3	12	106	28	4.54	19	2.65	<10	3	1.53	3612	<2	0.41	<10	6	22	1.36	10	11	<10	113	33	18	0.18	130	34	5	113	23		
A061649	6	4.08	33	867	14	2.89	4	22	43	579	5.17	21	3.16	<10	3	1.11	3157	<2	0.50	<10	5	42	1.61	34	12	<10	59	29	21	0.22	101	30	5	131	24		
A061650	17	4.61	31	641	<5	3.15	2	17	73	6986	5.03	20	2.27	<10	28	1.78	2084	<2	0.15	<10	11	26	0.54	69	15	<10	336	33	26	0.32	89	33	11	198	47		
A061651	<1	3.70	<10	607	<5	3.83	2	22	23	54	3.43	16	2.15	<10	12	0.71	754	<2	1.58	<10	3	23	1.24	<5	9	<10	101	30	19	0.28	125	16	4	57	25		
A061652	<1	5.15	<10	956	<5	3.42	1	20	29	28	3.95	20	3.12	<10	17	1.23	723	<2	0.47	<10	3	39	1.23	<5	9	<10	70	36	18	0.26	108	13	6	61	34		
A061653	<1	5.09	<10	1183	<5	4.60	2	18	22	93	4.96	20	2.96	<10	22	1.15	1439	<2	0.18	<10	<2	20	0.71	<5	12	<10	81	32	24	0.31	213	17	8	88	33		
A061654	<1	4.40	<10	419	<5	1.38	3	22	30	18	5.71	20	0.89	<10	35	1.57	822	3	2.79	<10	<2	17	0.27	6	9	<10	137	34	26	0.30	174	21	4	71	15		
A061655	<1	5.12	<10	783	<5	2.81	3	19	23	74	5.15	21	1.10	<10	50	1.64	1569	<2	1.98	<10	<2	19	0.08	16	9	<10	194	37	24	0.27	130	29	5	89	17		
A061656	<1	5.22	<10	590	<5	3.63	2	35	37	5	3.59	19	1.77	<10	37	1.44	853	<2	1.43	<10	6	21	0.12	6	14	<10	175	30	20	0.32	149	18	5	140	15		
<b>Duplicates:</b>																																					
A061638	<1	4.03	<10	531	5	4.72	7	19	25	178	5.70	21	0.76	<10	18	1.64	2259	<2	2.59	<10	3	19	0.63	5	7	<10	219	11	20	0.17	109	45	4	373	13		
A061647	<1	4.96	56	797	<5	2.61	33	22	38	265	5.78	26	3.90	<10	10	0.99	3152	<2	0.13	<10	<2	39	2.05	44	16	<10	58	23	27	0.33	178	51	7	1946	24		
<b>Standards:</b>																																					
Blank	<1	<0.01	<10	<10	<5	<0.01	<1	<1	7	1	0.01	<1	<0.01	<10	<1	<0.01	7	<2	0.01	<10	<2	<2	<0.01	<5	<1	<10	<1	18	<10	<0.01	<1	<10	<1	9	<1		
CH-4	2	4.27	11	421	<5	1.66	3	27	109	1808	5.29	21	1.63	11	12	1.25	412	3	2.83	<10	47	16	0.46	7	9	<10	153	39	24	0.27	89	10	7	180	106		

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.



*Quality Assaying for over 35 Years*

## Assay Certificate

0S-0075-RA1

Company: **Metal Mountain Resources Inc**  
Project: **Dome**  
Attn: **Daryl Hanson**

Oct-12-10

We hereby certify the following assay of 22 core samples submitted Aug-25-10

Sample Name	Au g/tonne	Ag g/tonne	Sample-wt Kg	Pb %	Zn %
A061692	50.27	74.5	0.5		
A061693	3.83	1.9	0.5		
A061694	0.70	6.2	0.6		
A061695	<0.03	0.9	0.7		
A061696	<0.03	<0.1	2.4		
A061697	8.23	38.7	0.5		1.72
A061698	0.27	3.9	0.7		
A061699	0.13	1.0	1.5		
A061700	0.13	1.8	3.0		
A061701	<0.03	3.5	3.0		
A061702	<0.03	3.5	2.2		
A061703	<0.03	1.1	2.3		
A061704	<0.03	0.6	2.2		
A061705	<0.03	3.3	2.4		
A061706	10.30	2.3			
A061707	<0.03	0.5	3.2		
A061708	5.33	15.1	0.8		
A061709	<0.03	0.3	0.5		
A061710	65.40	95.1	0.5	1.40	1.60
A061711	0.07	<0.1	2.0		
A061712	0.27	0.2	2.3		
A061713	0.07	<0.1	0.7		
*DUP A061692	48.60	74.8			
*DUP A061701	<0.03	3.4			
*DUP A061711	0.07	<0.1			
*AC0501	8.30	243.6			
*ME-3				2.79	0.85
*BLANK	<0.03	<0.1		<0.01	<0.01

Au,Ag F.A. Grav. finish.Pb,Zn 4 Acid Digest AA finish.

Certified by \_\_\_\_\_



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

*Quality Assaying for over 35 Years*

**Assay Certificate**

0S-0075-RA2

Company: **Metal Mountain Resources Inc**  
 Project: **Dome**  
 Attn: **Daryl Hanson**

Oct-12-10

We hereby certify the following assay of 9 core samples submitted Aug-25-10

Sample Name	Au g/tonne	Ag g/tonne	Sample-wt Kg
A061714	<0.03	<0.1	1.8
A061715	<0.03	<0.1	0.6
A061716	2.77	12.7	0.5
A061717	<0.03	1.0	3.0
A061718	<0.03	<0.1	2.0
A061719	<0.03	2.8	2.0
A061720	<0.03	<0.1	2.2
A061721	<0.03	<0.1	2.2
A061722	<0.03	1.8	1.5
*DUP A061714	<0.03	<0.1	
*AC0501	7.63	246.6	
*ME-3			
*BLANK	<0.03	<0.1	

Au,Ag F.A. Grav. finish

Certified by \_\_\_\_\_ 



SGS Canada Inc.  
 8282 Sherbrooke Street  
 Vancouver, British Columbia V5X 4R6  
 T: (604) 327-3436 F: (604) 327-3423

## CERTIFICATE OF ANALYSIS

0S-0075-RA1

Company: **Metal Mountain Resources Inc**  
 Project: **Dome**  
 Attn: **Daryl Hanson**

Dec-10-10

We hereby certify the following assay of 22 core samples submitted Aug-25-10

Sample Name	Au g/tonne	Ag g/tonne	Au-rerun g/tonne	Ag-Rerun g/tonne	Sample-wt Kg	Pb %	Zn %
A061692	50.27	74.5	49.87	72.9	0.5		
A061693	3.83	1.9	2.60	3.5	0.5		
A061694	0.70	6.2	0.67	5.5	0.6		
A061695	<0.03	0.9	0.03	0.4	0.7		
A061696	<0.03	<0.1	0.03	0.7	2.4		
A061697	8.23	38.7			0.5		1.72
A061698	0.27	3.9			0.7		
A061699	0.13	1			1.5		
A061700	0.13	1.8			3		
A061701	<0.03	3.5			3		
A061702	<0.03	3.5			2.2		
A061703	<0.03	1.1			2.3		
A061704	<0.03	0.6			2.2		
A061705	<0.03	3.3			2.4		
A061706	10.30	2.3					
A061707	<0.03	0.5			3.2		
A061708	5.33	15.1			0.8		
A061709	<0.03	0.3			0.5		
A061710	65.40	95.1			0.5	1.40	1.60
A061711	0.07	<0.1			2		
A061712	0.27	0.2			2.3		
A061713	0.07	<0.1			0.7		
*DUP A061692	48.60	74.8					
*DUP A061701	<0.03	3.4					
*DUP A061711	0.07	<0.1					
*AC0501	8.30	243.6	8.10	227.0			
*ME-3						2.79	0.85
*BLANK	<0.03	<0.1	<0.03	<0.1		<0.01	<0.01

Au,Ag F.A. Grav. finish.Pb,Zn 4 Acid Digest AA finish.

Certified by



SGS Canada Inc.  
8282 Sherbrooke Street  
Vancouver, British Columbia V5X 4R6  
T: (604) 327-3436 F: (604) 327-3423

## CERTIFICATE OF ANALYSIS

0S-0075-RM1

Company: **Metal Mountain Resources Inc**  
Project: **Dome**  
Attn: **Daryl Hanson**

Dec-10-10

We *hereby certify* the following analysis of 1 core sample  
submitted Aug-25-10

Sample Name	Wt Total g	Wt +150 g	+150 Au mg	-150 Au g/tonne	Metallic Au g/tonne	Net Au g/tonne
A061697	148.1	2.7	0.064	5.70	0.43	6.03

Certified by



# SGS Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0S0075RR

Date : Oct-12-10

Sample type : CORE

## Metal Mountain

Project : Dome

Attention : Daryl Hanson

## ICP-AES Report

Multi-Acid Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm
A061692	73	1.52	>10000	155	60	1.03	109	13	115	738	11.81	16	0.58	<10	<1	0.57	4459	7	0.20	<10	2	7112	7.50	107	2
A061693	4	0.44	2633	40	<5	>25.00	5	2	13	66	0.84	8	0.14	<10	<1	1.29	347	5	0.10	<10	15	453	1.52	10	<1
A061694	5	6.08	312	590	5	1.69	71	16	53	94	6.82	28	2.77	<10	<1	1.50	>10000	<2	0.29	<10	3	135	1.19	9	10
A061695	<1	4.87	26	2513	<5	8.31	2	27	112	<1	4.52	16	1.63	<10	29	3.38	1451	<2	0.22	<10	70	4	0.85	<5	22
A061696	<1	8.10	34	1133	<5	3.99	1	25	23	22	4.66	23	3.59	<10	3	1.63	3614	<2	0.24	<10	9	5	0.40	5	17
A061697	38	2.09	406	234	45	1.12	326	8	133	1938	3.63	10	0.83	<10	<1	0.51	5180	7	0.06	<10	10	3029	2.32	126	5
A061698	4	6.60	279	727	7	1.60	84	16	56	321	4.74	23	2.88	<10	<1	0.93	9066	<2	0.20	<10	12	145	0.99	61	20
A061699	2	7.68	93	817	7	2.75	131	18	34	155	3.86	22	3.29	<10	<1	1.52	3755	<2	0.27	<10	5	26	0.98	15	20
A061700	1	7.95	43	895	5	2.13	59	22	23	129	4.92	24	3.47	<10	<1	1.54	6114	<2	0.25	<10	5	24	0.54	<5	19
A061701	2	7.94	28	771	<5	2.61	1	28	26	82	4.19	27	1.65	<10	11	1.14	807	<2	2.95	<10	6	30	1.32	<5	19
A061702	1	8.33	14	1650	<5	2.29	<1	26	20	84	3.46	26	2.56	<10	<1	0.64	548	<2	2.44	<10	9	36	1.86	<5	21
A061703	<1	7.61	16	1149	<5	4.37	2	24	18	42	5.22	25	1.38	<10	12	1.24	1079	<2	2.53	<10	7	13	1.45	<5	19
A061704	<1	8.41	24	1943	<5	3.59	1	23	17	63	4.84	27	1.72	<10	18	1.58	1101	<2	2.51	<10	6	12	0.55	<5	19
A061705	2	8.03	39	992	<5	2.88	1	24	13	237	4.21	23	1.48	<10	12	1.56	1088	<2	3.02	<10	4	84	1.06	<5	18
A061706	3	3.38	>10000	329	11	1.79	1	17	73	84	3.76	17	1.39	12	<1	0.76	480	18	0.36	<10	47	644	0.75	5	7
A061707	<1	7.43	43	1616	<5	3.70	1	23	14	123	4.41	23	1.42	<10	15	1.42	1052	<2	2.35	<10	9	13	0.42	<5	17
A061708	12	6.10	81	620	25	3.58	126	29	81	946	6.63	25	2.39	<10	<1	1.59	3482	<2	0.21	<10	16	276	2.35	16	17
A061709	1	6.66	83	161	<5	1.09	1	23	42	81	3.68	19	0.25	<10	28	0.75	654	2	4.64	<10	5	57	1.34	<5	10
A061710	77	3.56	>10000	279	21	1.49	288	11	72	1801	5.28	16	1.44	<10	6	0.92	3454	2	0.13	<10	8	>10000	2.35	178	10
A061711	<1	6.56	87	664	<5	4.20	3	30	27	36	5.35	25	2.80	<10	<1	2.10	5119	<2	0.22	<10	17	32	0.99	24	19
A061712	3	7.10	112	529	<5	3.15	17	25	59	147	5.56	30	2.65	<10	<1	1.99	4790	<2	1.39	<10	17	123	0.86	31	19
A061713	<1	6.54	26	421	5	2.93	2	25	33	3	5.05	26	1.28	<10	<1	2.29	2504	<2	3.18	<10	3	6	0.79	<5	12
A061714	<1	7.68	30	113	<5	1.81	1	21	30	4	4.72	20	0.40	<10	<1	1.15	878	<2	5.50	<10	3	<2	0.17	<5	13
A061715	<1	0.04	<10	<10	<5	>25.00	<1	<1	5	<1	0.04	3	0.02	<10	<1	1.42	37	2	0.02	<10	13	<2	1.15	<5	<1
A061716	14	1.72	1946	165	5	4.37	52	7	130	134	8.07	25	0.70	<10	<1	1.07	>10000	<2	0.07	<10	13	208	1.72	15	5
A061717	<1	8.89	29	270	<5	3.83	1	25	21	12	5.17	27	0.73	<10	84	1.86	1422	<2	4.71	<10	7	<2	0.32	<5	16
A061718	<1	7.83	30	347	<5	5.19	2	27	22	101	5.82	35	0.86	<10	66	2.55	1994	<2	3.49	<10	2	<2	0.46	14	21
A061719	<1	8.11	23	570	<5	2.98	1	26	23	4	5.09	25	1.09	<10	40	2.54	1394	<2	3.28	<10	7	2	0.40	<5	20
A061720	<1	8.08	18	768	<5	2.16	2	30	26	9	5.60	22	1.20	<10	35	1.75	1184	<2	2.55	<10	9	<2	0.17	<5	20
A061721	<1	8.44	23	668	<5	2.91	2	30	20	1	5.99	30	0.85	<10	28	2.02	1942	<2	1.87	<10	9	2	0.27	13	22

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.





SGS Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0S0075RR

Date : Oct-12-10

Sample type : CORE

Metal Mountain

Project : Dome

Attention : Daryl Hanson

ICP-AES Report

Multi-Acid Digestion

Sample Number	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
A061692	<10	48	24	25	0.05	43	124	2	7075	10
A061693	<10	3867	<5	<10	0.01	8	60	1	367	2
A061694	<10	74	33	19	0.17	115	118	6	5871	26
A061695	<10	547	10	23	0.26	135	36	14	80	26
A061696	<10	128	23	19	0.26	134	13	11	132	44
A061697	<10	44	<5	<10	0.06	52	356	3	>10000	10
A061698	<10	74	16	12	0.18	149	123	10	6063	36
A061699	<10	128	38	13	0.24	154	220	9	9517	46
A061700	<10	98	29	20	0.28	158	70	9	4147	47
A061701	<10	209	34	20	0.25	147	15	10	128	58
A061702	<10	179	33	17	0.25	163	<10	9	53	53
A061703	<10	283	41	21	0.25	148	41	10	127	48
A061704	<10	312	10	21	0.28	164	22	10	178	56
A061705	<10	687	<5	17	0.25	143	<10	9	138	51
A061706	<10	90	<5	12	0.08	70	<10	4	197	62
A061707	<10	1202	27	18	0.24	147	23	9	177	47
A061708	<10	145	37	20	0.25	165	132	12	7063	41
A061709	<10	160	26	14	0.19	72	11	16	94	111
A061710	<10	81	24	13	0.11	97	302	3	>10000	12
A061711	<10	146	19	21	0.26	164	13	7	101	18
A061712	<10	118	24	26	0.30	158	39	8	1085	27
A061713	<10	143	29	20	0.22	139	49	6	114	20
A061714	<10	183	20	17	0.22	150	13	7	64	46
A061715	<10	4330	<5	<10	<0.01	2	79	<1	19	<1
A061716	<10	92	16	17	0.06	42	212	8	3625	12
A061717	<10	306	44	25	0.32	165	<10	10	84	27
A061718	<10	267	16	29	0.37	178	32	15	85	32
A061719	<10	307	22	23	0.28	201	13	8	75	31
A061720	<10	383	32	23	0.29	221	<10	8	66	29
A061721	<10	349	25	24	0.30	224	39	9	104	24

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.

Signed: 



**SGS Canada**

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0S0075RR

Date : Oct-12-10

Sample type : CORE

**Metal Mountain**

Project : Dome

Attention : Daryl Hanson

**ICP-AES Report**

Multi-Acid Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm		
A061722	<1	7.99	22	591	<5	2.52	1	33	18	<1	5.26	28	0.70	<10	28	2.54	1373	<2	3.53	<10	4	3	0.10	<5	20		
<b>Duplicates:</b>																											
A061692	75	1.54	>10000	157	59	1.06	112	13	108	797	12.12	19	0.59	<10	<1	0.58	4552	7	0.20	<10	4	7277	7.68	104	2		
A061701	2	7.49	35	737	5	2.56	1	27	24	77	4.08	21	1.52	<10	9	1.09	771	<2	2.70	<10	8	33	1.23	<5	18		
A061711	<1	6.63	75	678	<5	4.27	2	30	23	37	5.46	28	2.81	<10	<1	2.13	5120	<2	0.21	<10	15	25	1.03	24	19		
A061714	<1	7.39	22	107	<5	1.74	1	22	29	4	4.62	20	0.38	<10	<1	1.10	839	<2	5.41	<10	<2	<2	0.15	<5	13		
<b>Standards:</b>																											
Blank	<1	<0.01	<10	<10	<5	<0.01	<1	<1	1	1	<0.01	<1	<0.01	<10	<1	<0.01	<5	<2	<0.01	<10	<2	<2	<0.01	<5	<1		
CH-4	3	7.22	17	481	<5	1.79	3	31	83	2016	5.37	27	1.80	15	<1	1.37	483	3	3.13	<10	48	16	0.56	<5	12		

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.



### SGS Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0S0075RR

Date : Oct-12-10

Sample type : CORE

### Metal Mountain

Project : Dome

Attention : Daryl Hanson

### ICP-AES Report

Multi-Acid Digestion

Sample Number	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
A061722	<10	378	21	24	0.30	198	25	9	103	26
<b>Duplicates:</b>										
A061692	<10	48	33	26	0.05	43	121	2	7376	10
A061701	<10	192	24	16	0.24	140	21	9	135	53
A061711	<10	144	24	21	0.25	167	11	7	101	17
A061714	<10	174	27	20	0.28	149	13	9	61	52
<b>Standards:</b>										
Blank	<10	<1	<5	<10	<0.01	<1	<10	<1	2	<1
CH-4	<10	197	24	25	0.28	102	16	10	208	132

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.

Signed: \_\_\_\_\_ 



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

*Quality Assaying for over 35 Years*

**Assay Certificate**

0S-0090-RA1

Company: **Metal Mountain Resources**  
 Project: **Dome**  
 Attn: **Daryl Hanson**

Sep-28-10

We hereby certify the following assay of 22 core samples submitted Sep-02-10

Sample Name	Au g/tonne	Ag g/tonne	Sample wt Kg
A061723	0.10	1.1	0.5
A061724	8.53	2.2	
A061725	0.03	1.0	0.8
A061726	0.07	1.2	0.8
A061727	0.07	0.1	1.4
A061728	0.03	0.5	0.8
A061729	0.03	0.7	2.3
A061730	0.13	0.7	0.6
A061731	0.03	1.5	1.7
A061732	0.03	0.4	1.9
A061733	<0.03	0.6	0.8
A061734	0.10	1.1	0.5
A061735	4.40	2.8	0.9
A061736	90.07	115.3	0.5
A061737	0.03	0.6	1.4
A061738	0.10	1.2	2.0
A061739	0.03	1.6	2.3
A061740	0.03	0.5	1.5
A061741	<0.03	0.3	1.5
A061742	<0.03	0.4	1.5
A061743	<0.03	1.0	2.4
A061744	10.90	2.6	
*DUP A061723	0.07	1.4	
*DUP A061732	0.03	1.0	
*DUP A061742	<0.03	0.4	
*AC0501	7.90	227.0	
*BLANK	<0.03	<0.1	

Au,Ag 30g F.A. Grav. finish

Certified by 



*Quality Assaying for over 35 Years*

## Assay Certificate

0S-0090-RA2

Company: **Metal Mountain Resources**  
Project: **Dome**  
Attn: **Daryl Hanson**

Sep-28-10

We hereby certify the following assay of 22 core samples submitted Sep-02-10

Sample Name	Au g/tonne	Ag g/tonne	Pb %	Zn %	Sample wt Kg
A061745	0.03	3.6			2.1
A061746	11.37	171.9	5.61	4.56	2.3
A061747	0.23	3.0			1.6
A061748	0.03	1.8			2.0
A061749	7.60	103.9	1.93	2.27	1.0
A061750	<0.03	0.1			2.0
A061751	0.03	0.0			2.0
A061752	0.47	2.6			1.4
A061753	0.03	0.6			4.2
A061754	<0.03	0.6			2.5
A061755	0.07	0.7			2.1
A061756	<0.03	0.3			4.0
A061757	<0.03	0.2			0.9
A061758	0.60	0.7			3.6
A061759	0.17	1.9			3.3
A061760	6.53	8.2			1.5
A061761	<0.03	1.5			2.4
A061762	4.20	7.7			1.0
A061763	0.07	0.8			1.5
A061764	<0.03	1.0			3.5
A061765	8.53	3.5			
A061766	0.03	1.0			3.6
*DUP A061745	0.03	3.1			
*DUP A061754	<0.03	1.0			
*DUP A061764	<0.03	0.4			
*AC0501	8.27	229.9			
*ME-3			2.82	0.84	
*BLANK	<0.03	<0.1	<0.01	<0.01	

Au,Ag 30g F.A. Grav. finish.Pb,Zn 4 Acid Digest AA finish.

Certified by \_\_\_\_\_



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

*Quality Assaying for over 35 Years*

**Assay Certificate**

**0S-0090-RA3**


Company: **Metal Mountain Resources**  
 Project: **Dome**  
 Attn: **Daryl Hanson**

Sep-28-10

We hereby certify the following assay of 5 core samples submitted Sep-02-10

Sample Name	Au g/tonne	Ag g/tonne	Sample wt Kg
A061767	0.03	0.7	4.7
A061768	<0.03	1.5	3.9
A061769	<0.03	2.2	2.9
A061770	0.03	0.1	4.3
A061771	0.03	0.1	4.2
*DUP A061767	<0.03	0.8	
*AC0501	7.93	240.1	
*BLANK	<0.03	<0.1	

Au,Ag 30g F.A. Grav. finish

Certified by 



SGS Canada Inc.  
8282 Sherbrooke Street  
Vancouver, British Columbia V5X 4R6  
T: (604) 327-3436 F: (604) 327-3423

## CERTIFICATE OF ANALYSIS

0S-0090-RM1

Company: **Metal Mountain Resources**  
Project: **Dome**  
Attn: **Daryl Hanson**

Sep-28-10

We *hereby certify* the following analysis of 2 core samples submitted Sep-02-10

Sample Name	Wt Total g	Wt +150 g	+150 Au mg	-150 Au g/tonne	Metallic Au g/tonne	Net Au g/tonne
A061746	597.0	30.8	0.310	12.50	0.52	12.37
A061749	121.7	6.0	0.043	7.00	0.36	7.01

Certified by .....



Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0S0090RR

Date : Sep-28-10

Sample type : CORE

Metal Mountain Resources

Project : Dome

Attention : Daryl Hanson

ICP-AES Report

Multi-Acid Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
A061723	1	8.33	15	125	<5	1.64	<1	17	34	268	5.64	25	0.40	<10	20	1.25	1471	<2	4.77	<10	14	6	0.52	7	18	<10	184	<5	<10	0.37	247	<10	11	157	18
A061724	2	3.78	>10000	282	5	1.92	<1	18	85	116	3.94	17	1.11	<10	10	0.72	541	23	0.82	<10	65	608	0.85	5	9	<10	98	<5	<10	0.11	77	<10	7	221	51
A061725	<1	10.20	26	882	<5	0.37	<1	27	28	6	5.70	32	2.12	<10	29	1.78	947	<2	2.50	<10	38	6	0.78	7	26	<10	87	<5	<10	0.38	188	12	12	202	75
A061726	<1	8.99	17	955	<5	0.19	<1	24	51	9	5.66	26	1.76	<10	25	1.68	609	2	2.51	<10	74	5	1.37	6	20	<10	75	<5	<10	0.29	122	12	9	150	62
A061727	<1	8.05	14	528	<5	3.52	<1	17	32	33	5.06	24	1.47	<10	14	1.53	1242	<2	2.20	<10	33	2	0.05	12	19	<10	200	<5	<10	0.26	144	<10	8	127	25
A061728	<1	8.72	12	344	6	3.99	<1	21	57	25	7.16	28	1.24	<10	23	2.96	1983	2	2.21	<10	43	<2	0.04	11	21	<10	185	5	<10	0.20	192	<10	7	194	24
A061729	<1	9.03	10	531	<5	2.14	<1	20	21	<1	4.97	29	1.31	<10	20	2.90	1555	<2	2.71	<10	5	<2	0.02	7	22	<10	212	<5	<10	0.28	175	<10	6	153	25
A061730	<1	7.88	12	1155	<5	1.95	<1	18	57	16	4.81	27	1.47	<10	15	2.36	1332	<2	1.88	<10	9	<2	0.04	11	19	<10	167	<5	<10	0.25	184	<10	6	130	30
A061731	1	9.27	12	992	<5	1.54	<1	19	23	182	5.80	28	2.09	<10	17	2.20	1346	<2	1.76	<10	21	<2	0.04	10	22	<10	139	5	<10	0.30	177	<10	9	190	55
A061732	<1	8.65	14	1105	5	3.67	<1	16	55	98	5.62	24	2.77	<10	10	1.28	2160	4	0.97	<10	3	2	0.66	11	20	<10	116	5	<10	0.24	166	<10	7	120	23
A061733	<1	0.10	<10	13	<5	>25.00	<1	1	11	3	0.07	11	0.02	<10	1	1.41	33	<2	0.02	<10	2	<2	0.40	<5	<1	<10	4402	<5	<10	<0.01	3	<10	<1	6	1
A061734	1	6.49	27	898	<5	6.00	1	13	50	731	3.81	21	2.21	<10	9	2.11	3942	<2	0.53	<10	4	11	0.63	16	16	<10	133	<5	<10	0.14	75	<10	6	366	18
A061735	3	9.94	55	1329	6	3.02	<1	14	23	270	4.01	28	3.62	<10	12	0.99	2254	2	0.78	<10	6	17	1.70	15	25	<10	108	<5	<10	0.33	116	19	10	222	72
A061736	126	2.44	225	270	679	5.97	4	29	107	4665	10.22	16	0.87	<10	4	1.62	3649	4	0.19	<10	4	819	7.49	45	7	<10	109	<5	<10	0.05	33	<10	4	303	8
A061737	<1	9.41	16	1197	<5	3.36	<1	13	22	26	5.27	26	3.33	<10	10	1.17	2145	<2	0.97	<10	4	3	2.04	9	23	<10	107	<5	<10	0.31	147	<10	9	101	51
A061738	<1	8.98	21	1121	<5	3.76	<1	17	352	81	5.10	25	2.74	<10	7	1.47	1837	23	1.92	<10	74	5	0.50	10	21	<10	131	<5	<10	0.32	206	<10	11	109	65
A061739	1	8.92	19	790	<5	3.37	<1	17	23	194	4.89	26	2.41	<10	6	1.62	1161	<2	2.67	<10	22	2	0.04	10	21	<10	158	<5	<10	0.33	236	<10	10	100	67
A061740	<1	9.64	<10	713	<5	1.96	<1	20	65	33	5.04	28	2.41	<10	9	1.89	1341	5	2.14	<10	92	<2	0.02	11	25	<10	127	<5	<10	0.36	261	<10	10	130	75
A061741	<1	4.55	<10	602	<5	4.47	<1	13	119	17	3.58	19	1.19	<10	6	2.10	2388	2	0.75	<10	143	2	0.07	8	11	<10	139	<5	<10	0.09	98	<10	5	86	10
A061742	<1	9.05	<10	984	<5	3.90	<1	21	36	11	5.48	28	3.02	<10	12	2.20	2372	2	0.68	<10	4	<2	0.05	13	24	<10	107	<5	<10	0.27	171	<10	7	133	26
A061743	<1	8.48	11	772	<5	4.38	<1	21	18	130	5.39	27	3.28	<10	18	2.69	2331	<2	0.20	<10	6	<2	0.05	9	20	<10	176	<5	<10	0.28	199	<10	8	117	22
A061744	2	3.86	>10000	338	<5	1.95	<1	17	117	84	4.14	18	1.48	12	8	0.82	538	20	0.39	<10	63	585	0.90	7	8	<10	82	<5	<10	0.09	71	<10	4	200	65
A061745	2	9.15	25	930	<5	4.26	<1	17	15	193	3.17	33	3.74	<10	11	1.89	2816	<2	0.31	<10	9	11	0.28	21	23	<10	218	<5	<10	0.28	225	<10	10	186	27
A061746	165	3.31	597	246	30	3.54	670	20	120	2866	5.56	19	1.30	<10	13	1.69	2993	<2	0.09	<10	55	>10000	5.59	703	16	<10	129	<5	<10	0.11	103	196	5	>10000	7
A061747	2	7.14	39	725	<5	4.78	33	23	122	262	4.44	28	2.84	<10	18	2.64	2593	<2	0.15	<10	60	137	0.46	32	27	<10	202	<5	<10	0.26	175	<10	9	2363	16
A061748	2	7.32	20	271	<5	3.00	8	37	344	40	6.39	28	1.43	<10	100	4.33	1084	<2	0.50	<10	174	326	0.09	16	41	<10	230	<5	<10	0.34	250	<10	10	571	11
A061749	106	4.04	378	232	22	5.56	361	21	144	3613	5.51	22	1.27	<10	31	2.54	2885	7	0.21	<10	90	>10000	3.60	528	18	<10	249	<5	<10	0.13	148	78	7	>10000	9
A061750	<1	7.87	<10	47	<5	3.44	1	30	172	653	5.74	33	0.12	<10	90	3.48	1837	2	2.80	<10	117	63	0.07	18	29	<10	295	<5	<10	0.27	255	<10	10	170	18
A061751	<1	6.32	26	643	6	8.08	<1	31	261	64	5.08	25	2.58	<10	19	3.89	4310	<2	0.17	<10	137	19	0.47	15	34	<10	215	<5	<10	0.17	266	<10	10	244	10
A061752	3	6.50	46	601	6	7.42	38	27	401	208	5.38	27	2.45	<10	35	3.38	5266	<2	0.13	<10	153	1257	0.78	37	33	<10	212	<5	<10	0.09	236	<10	8	2204	6

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.

Signed: \_\_\_\_\_





Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0S0090RR

Date : Sep-28-10

Sample type : CORE

Metal Mountain Resources

Project : Dome

Attention : Daryl Hanson

ICP-AES Report

Multi-Acid Digestion

Table with columns: Sample Number, Ag ppm, Al %, As ppm, Ba ppm, Bi ppm, Ca %, Cd ppm, Co ppm, Cr ppm, Cu ppm, Fe %, Ga ppm, K %, La ppm, Li ppm, Mg %, Mn ppm, Mo ppm, Na %, Nb ppm, Ni ppm, Pb ppm, S %, Sb ppm, Sc ppm, Sn ppm, Sr ppm, Ta ppm, Te ppm, Ti %, V ppm, W ppm, Y ppm, Zn ppm, Zr ppm. Rows include sample numbers A061753 to A061767 and standards Blank and CH-4.

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.



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

*Quality Assaying for over 35 Years*

**Assay Certificate**

**0S-0097-RA1**

Company: **Metal Mountain**  
 Project: **Dome**  
 Attn: **Daryl Hanson**

Sep-30-10

We hereby certify the following assay of 22 core samples submitted Sep-07-10

Sample Name	Au g/tonne	Ag g/tonne	Sample wt Kg
A061772	0.03	3.2	1.0
A061773	0.43	<0.1	0.9
A061774	0.33	0.9	0.7
A061775	<0.03	0.6	0.9
A061776	0.17	1.1	0.6
A061777	0.57	0.5	2.4
A061778	0.27	0.5	4.7
A061779	0.37	0.4	0.9
A061780	<0.03	0.8	2.7
A061781	0.60	0.7	1.5
A061782	11.30	2.8	
A061783	0.17	0.4	1.0
A061784	0.07	0.5	2.6
A061785	<0.03	6.9	4.0
A061786	0.07	1.5	2.5
A061787	0.53	0.9	2.0
A061788	0.10	0.8	1.2
A061789	0.03	0.6	2.7
A061790	0.03	2.3	1.0
A061791	<0.03	0.4	0.9
A061792	0.03	0.5	2.2
A061793	0.03	1.0	4.3
*DUP A061772	0.03	3.9	
*DUP A061781	0.60	0.2	
*DUP A061791	<0.03	<0.1	
*AC0501	8.17	227.9	
*BLANK	<0.03	<0.1	

Au,Ag 30gFA Grav. Finish

Certified by \_\_\_\_\_ 



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

*Quality Assaying for over 35 Years*

**Assay Certificate**

**0S-0097-RA2**

Company: **Metal Mountain**  
 Project: **Dome**  
 Attn: **Daryl Hanson**

Sep-30-10

We hereby certify the following assay of 22 core samples submitted Sep-07-10

Sample Name	Au g/tonne	Ag g/tonne	Sample wt Kg
A061794	0.03	2.1	3.4
A061795	0.03	2.5	2.5
A061796	0.03	1.8	3.0
A061797	0.03	3.0	1.1
A061798	0.03	2.2	0.8
A061799	0.13	4.2	2.8
A061800	0.03	1.9	3.3
A061801	<0.03	2.3	2.8
A061802	0.03	2.6	2.3
A061803	0.03	3.4	2.3
A061804	0.03	1.7	2.2
A061805	0.03	1.5	4.3
A061806	0.03	1.6	2.1
A061807	<0.03	4.3	1.9
A061808	8.17	3.9	
A061809	0.03	1.1	1.8
A061810	<0.03	1.0	2.6
A061811	0.03	1.0	5.8
A061812	0.13	4.6	1.3
A061813	3.43	13.7	2.4
A061814	<0.03	1.2	1.5
A061815	<0.03	0.2	0.8
*DUP A061794	0.03	0.4	
*DUP A061803	0.07	1.4	
*DUP A061813	3.37	13.4	
*AC0501	8.67	242.8	
*BLANK	<0.03	<0.1	

Au,Ag 30gFA Grav. Finish

Certified by \_\_\_\_\_ 



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

*Quality Assaying for over 35 Years*

**Assay Certificate**

**0S-0097-RA3**

Company: **Metal Mountain**  
 Project: **Dome**  
 Attn: **Daryl Hanson**

Sep-30-10

We hereby certify the following assay of 8 core samples submitted Sep-07-10

Sample Name	Au g/tonne	Ag g/tonne	Sample wt Kg
A061816	<0.03	0.3	2.1
A061817	0.03	<0.1	1.8
A061818	<0.03	0.2	3.4
A061819	0.03	0.1	1.2
A061820	<0.03	0.7	2.0
A061821	<0.03	0.1	2.2
A061822	11.07	3.5	
A061823	<0.03	0.4	0.6
*DUP A061816	<0.03	0.3	
*AC0501	8.67	242.8	
*BLANK	<0.03	<0.1	

Au,Ag 30gFA Grav. Finish

Certified by \_\_\_\_\_



SGS Canada Inc.  
8282 Sherbrooke Street  
Vancouver, British Columbia V5X 4R6  
T: (604) 327-3436 F: (604) 327-3423

## CERTIFICATE OF ANALYSIS

0S-0097-RM1

Company: **Metal Mountain**  
Project: **Dome**  
Attn: **Daryl Hanson**

Sep-30-10

We hereby certify the following analysis of 1 core sample  
submitted Sep-07-10

Sample Name	Wt Total g	Wt +150 g	+150 Au mg	-150 Au g/tonne	Metallic Au g/tonne	Net Au g/tonne
A061813	701.9	55.5	0.205	3.68	0.29	3.68

Certified by



# Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0S0097RR

Date : Sep-30-10

Sample type : CORE

## Metal Mountain

Project : Dome

Attention : Daryl Hanson

## ICP-AES Report

Multi-Acid Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
A061772	3	5.38	<10	666	<5	8.23	<1	37	351	3018	5.03	24	0.65	<10	45	6.77	1721	<2	0.06	<10	195	11	0.09	<5	35	<10	123	9	<10	0.30	174	<10	9	156	22
A061773	<1	6.92	<10	536	<5	1.33	<1	12	35	26	4.74	19	0.81	<10	19	1.36	1111	2	3.07	<10	3	25	0.33	<5	17	<10	268	8	<10	0.37	184	<10	9	81	55
A061774	2	6.95	15	149	<5	2.44	<1	14	43	1241	4.49	21	0.69	<10	20	1.18	1333	4	3.26	<10	5	17	0.25	5	17	<10	848	9	<10	0.37	184	<10	12	87	50
A061775	<1	0.07	<10	13	<5	>25.00	<1	1	4	5	0.17	14	0.02	<10	2	5.13	80	<2	0.02	<10	<2	8	0.29	<5	<1	<10	2676	<5	<10	<0.01	3	<10	<1	9	1
A061776	<1	7.93	<10	131	<5	3.05	<1	11	34	39	4.57	19	0.70	<10	24	1.14	1617	3	3.85	<10	3	15	0.55	5	19	<10	228	9	<10	0.41	171	<10	16	61	66
A061777	<1	7.50	22	478	5	6.30	<1	15	21	8	4.93	24	1.86	<10	25	0.94	1862	<2	1.35	<10	4	16	1.26	5	27	<10	178	9	<10	0.45	273	11	13	61	50
A061778	<1	7.86	35	440	<5	4.77	<1	16	17	6	4.98	20	1.62	<10	23	0.84	1359	<2	2.14	<10	3	7	1.22	5	18	<10	156	7	<10	0.37	217	<10	10	53	55
A061779	<1	8.41	40	738	<5	4.62	<1	15	13	18	5.10	25	1.42	<10	52	1.42	1566	2	0.84	<10	2	7	0.60	7	20	<10	208	8	<10	0.44	199	<10	15	83	73
A061780	<1	8.73	<10	891	<5	2.11	<1	11	22	5	4.62	24	1.80	<10	19	1.48	1586	<2	2.99	<10	2	6	0.16	6	20	<10	129	8	<10	0.41	164	<10	11	112	62
A061781	1	6.21	44	801	<5	4.65	<1	17	57	294	5.93	22	2.24	<10	9	1.91	2596	6	0.78	<10	3	18	3.63	16	15	<10	119	7	<10	0.26	147	<10	7	162	36
A061782	2	3.65	>10000	317	8	1.88	<1	15	78	79	3.77	17	1.52	12	8	0.78	526	19	0.34	<10	49	724	0.91	5	7	<10	75	5	<10	0.12	72	<10	4	187	60
A061783	<1	8.16	41	1256	5	3.22	<1	14	28	255	4.18	23	3.24	<10	10	1.27	2061	4	0.66	<10	3	9	1.85	9	17	<10	121	7	<10	0.34	174	<10	9	44	56
A061784	<1	8.55	18	908	<5	2.82	<1	11	23	166	4.50	23	3.02	<10	9	1.31	2068	2	1.42	<10	2	9	1.33	<5	19	<10	108	7	<10	0.38	165	<10	10	62	66
A061785	<1	8.46	<10	1439	7	1.90	<1	12	22	17	4.59	23	1.78	<10	18	1.29	1233	<2	2.97	<10	2	8	0.05	5	18	<10	129	7	<10	0.40	166	<10	10	104	58
A061786	<1	9.25	28	1299	5	2.35	<1	13	32	246	4.45	25	3.41	<10	10	1.09	1631	3	1.25	<10	3	9	2.01	6	18	<10	107	6	<10	0.40	186	10	11	50	71
A061787	<1	6.25	34	1495	<5	5.52	<1	12	42	220	5.08	22	2.30	<10	9	2.15	3418	4	0.53	<10	3	14	2.23	7	13	<10	158	7	<10	0.22	129	<10	8	95	36
A061788	<1	7.69	27	1021	7	3.85	<1	10	35	93	4.46	24	3.06	<10	10	1.48	2673	2	0.57	<10	2	13	2.38	6	15	<10	116	6	<10	0.32	167	<10	8	55	53
A061789	<1	9.02	11	1099	6	2.21	<1	13	21	109	4.21	25	3.26	<10	15	1.30	1701	<2	1.11	<10	4	6	0.95	6	19	<10	101	6	<10	0.38	188	<10	10	83	65
A061790	<1	7.36	11	2223	6	5.43	<1	12	28	168	4.48	23	2.49	<10	10	2.25	2746	3	0.93	<10	4	16	0.78	9	15	<10	195	6	<10	0.26	149	<10	9	143	43
A061791	<1	0.13	<10	25	6	>25.00	<1	1	6	3	0.22	14	0.05	<10	2	5.21	127	2	0.03	<10	<2	6	0.34	<5	<1	<10	2632	<5	<10	<0.01	4	<10	1	5	1
A061792	<1	8.48	<10	1052	6	2.32	<1	11	22	5	3.74	23	1.89	<10	15	1.46	1260	<2	2.54	<10	4	11	0.06	7	17	<10	130	5	<10	0.35	162	<10	9	113	50
A061793	<1	8.57	10	1662	<5	2.58	<1	11	21	63	4.36	25	2.48	<10	19	1.67	1455	2	1.68	<10	4	7	0.39	6	18	<10	123	6	<10	0.36	186	<10	8	104	52
A061794	<1	8.23	<10	1225	<5	2.37	<1	11	44	3	4.66	27	1.93	<10	11	1.71	1413	3	2.58	<10	33	<2	0.08	7	17	<10	159	<5	<10	0.23	156	<10	5	98	17
A061795	<1	8.62	<10	886	<5	1.50	<1	13	28	3	4.67	26	1.57	<10	18	1.47	810	<2	3.09	<10	2	<2	0.03	7	18	<10	153	<5	<10	0.24	158	<10	6	127	27
A061796	<1	8.25	<10	864	<5	1.91	<1	16	19	9	4.34	30	1.84	<10	16	1.85	1082	<2	2.41	<10	4	3	0.03	5	17	<10	173	<5	<10	0.21	153	<10	5	135	21
A061797	<1	7.85	15	3242	<5	3.00	<1	13	22	84	4.22	29	1.83	<10	19	2.05	1382	2	1.76	<10	4	7	0.18	20	15	<10	262	<5	<10	0.16	133	<10	6	141	21
A061798	<1	8.99	<10	1360	<5	1.91	<1	10	20	48	3.30	30	2.55	<10	16	1.38	1003	3	1.39	<10	4	4	0.13	11	17	<10	194	<5	<10	0.16	149	<10	6	93	22
A061799	2	7.36	26	1638	6	3.41	<1	15	36	337	4.94	28	2.33	<10	11	1.67	1706	6	0.79	<10	4	8	2.03	51	15	<10	171	<5	<10	0.14	126	<10	5	111	19
A061800	1	9.25	11	1470	<5	1.94	<1	12	19	238	4.06	30	2.47	<10	17	1.43	1426	3	1.63	<10	6	3	0.22	9	19	<10	167	<5	<10	0.23	164	<10	6	112	30
A061801	<1	8.42	<10	972	<5	1.97	<1	12	30	5	4.58	27	1.63	<10	13	1.40	1021	2	3.01	<10	21	<2	0.03	5	16	<10	144	<5	<10	0.26	150	<10	5	92	20

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.



Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0S0097RR

Date : Sep-30-10

Sample type : CORE

Metal Mountain

Project : Dome

Attention : Daryl Hanson

ICP-AES Report

Multi-Acid Digestion

Table with columns for Sample Number and elements (Ag, Al, As, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, K, La, Li, Mg, Mn, Mo, Na, Nb, Ni, Pb, S, Sb, Sc, Sn, Sr, Ta, Te, Ti, V, W, Y, Zn, Zr) and their respective concentrations in ppm or %.

Duplicates:

Table listing duplicate sample numbers and their corresponding element concentrations.

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.

Signed: [Signature]



**Assayers Canada**

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

**Report No : 0S0097RR**

Date : Sep-30-10

Sample type : CORE

**Metal Mountain**

Project : Dome


Attention : Daryl Hanson

**ICP-AES Report**

Multi-Acid Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	
<b>Standards:</b>																																				
Blank	<1	<0.01	<10	<10	<5	0.01	<1	1	4	1	0.01	<1	<0.01	<10	<1	<0.01	5	<2	0.01	<10	<2	<2	<0.01	<5	<1	<10	1	<5	<10	<0.01	<1	<10	<1	1	1	
CH-4	2	7.44	12	427	5	1.94	1	25	95	1967	5.09	26	1.93	12	14	1.33	544	2	2.86	<10	57	19	0.74	5	12	<10	142	5	<10	0.35	102	<10	9	195	121	

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.

Signed: \_\_\_\_\_ 



*Quality Assaying for over 35 Years***Assay Certificate****0S-0098-RA1**Company: **Metal Mountain**  
Project: **Dome**  
Attn: **Daryl Hanson**

Oct-20-10

We hereby certify the following assay of 22 core samples  
submitted Sep-07-10

<b>Sample Name</b>	<b>Au g/tonne</b>	<b>Ag g/tonne</b>	<b>Sample wt Kg</b>
A061824	0.10	0.1	2.8
A061825	<0.03	0.3	1.9
A061826	0.03	1.3	1.9
A061827	0.50	0.7	3.4
A061828	0.03	0.8	2.3
A061829	13.40	20.3	0.5
A061830	1.73	1.0	2.4
A061831	0.03	0.6	3.0
A061832	0.10	0.8	4.4
A061833	0.03	0.8	2.4
A061834	<0.03	0.3	1.1
A061835	<0.03	0.1	2.5
A061836	0.13	0.6	0.8
A061837	<0.03	0.5	1.4
A061838	0.03	1.1	4.4
A061839	0.10	1.6	4.3
A061840	3.33	17.5	2.3
A061841	2.53	4.5	2.4
A061842	24.90	26.0	2.5
A061843	22.90	107.9	2.4
A061844	8.60	2.6	
A061845	0.03	4.4	2.1
*DUP A061824	0.13	3.6	
*DUP A061833	0.03	1.0	
*DUP A061843	23.17	93.5	
*AC0501	8.30	238.5	
*BLANK	<0.03	<0.1	

Au Ag FA Gravimetric Finish.

Certified by \_\_\_\_\_

*Quality Assaying for over 35 Years***Assay Certificate****0S-0098-RA2**Company: **Metal Mountain**  
Project: **Dome**  
Attn: **Daryl Hanson**

Oct-20-10

We hereby certify the following assay of 22 core samples  
submitted Sep-07-10

<b>Sample Name</b>	<b>Au g/tonne</b>	<b>Ag g/tonne</b>	<b>Sample wt Kg</b>
A061846	0.03	0.5	0.8
A061847	0.13	0.7	2.5
A061848	1.13	1.4	3.3
A061849	0.07	0.8	3.7
A061850	0.17	0.5	2.8
A061851	0.07	0.4	4.4
A061852	0.03	1.2	4.4
A061853	0.10	1.0	1.6
A061854	0.17	1.3	2.1
A061855	0.10	0.3	4.1
A061856	0.43	1.1	3.4
A061857	<0.03	1.2	0.9
A061858	0.83	0.4	1.3
A061859	<0.03	1.2	3.4
A061860	0.03	1.2	2.6
A061861	6.37	7.7	1.7
A061862	1.10	3.1	2.0
A061863	2.13	3.0	1.6
A061864	0.07	0.8	2.8
A061865	11.37	3.2	
A061866	<0.03	<0.1	2.0
A061867	0.03	1.4	1.6
*DUP A061846	0.03	0.1	
*DUP A061855	0.10	0.7	
*DUP A061865	11.30	3.9	
*AC0501	8.30	245.5	
*BLANK	<0.03	<0.1	

Au Ag FA Gravimetric Finish.

Certified by \_\_\_\_\_



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

*Quality Assaying for over 35 Years*

**Assay Certificate**

**0S-0098-RA3**

Company: **Metal Mountain**  
 Project: **Dome**  
 Attn: **Daryl Hanson**

**Oct-20-10**

We hereby certify the following assay of 22 core samples submitted Sep-07-10

Sample Name	Au g/tonne	Ag g/tonne	Sample wt Kg
A061868	0.20	1.1	0.8
A061869	<0.03	1.0	2.2
A061870	<0.03	0.7	4.9
A061871	0.17	1.5	1.8
A061872	0.03	1.6	2.3
A061873	<0.03	2.0	0.8
A061874	2.20	9.3	1.4
A061875	0.03	2.1	4.8
A061876	0.03	2.0	1.9
A061877	0.03	1.9	1.5
A061878	0.07	3.1	1.9
A061879	0.03	1.7	3.4
A061880	0.27	3.9	2.8
A061881	0.10	1.7	1.8
A061882	0.10	2.0	4.6
A061883	0.03	4.2	4.3
A061884	8.67	2.7	
A061885	0.10	1.7	4.8
A061886	0.07	1.2	3.1
A061887	0.13	1.8	4.1
A061888	0.37	1.8	2.9
A061889	0.10	3.2	3.4
*DUP A061868	0.13	2.0	
*DUP A061877	0.03	2.2	
*DUP A061887	0.10	0.4	
*AC0501	7.87	242.9	
*BLANK	<0.03	<0.1	

Au Ag FA Gravimetric Finish.

Certified by \_\_\_\_\_ 



*Quality Assaying for over 35 Years*

## Assay Certificate

0S-0098-RA4

Company: **Metal Mountain**  
Project: **Dome**  
Attn: **Daryl Hanson**

Oct-20-10

We hereby certify the following assay of 20 core samples submitted Sep-07-10

Sample Name	Au g/tonne	Ag g/tonne	Sample wt Kg	Zn %
A061890	69.60	237.3	2.1	2.58
A061891	0.50	5.1	2.3	
A061892	0.40	3.0	1.6	
A061893	<0.03	0.7	0.8	
A061894	0.20	3.4	1.5	
A061895	0.10	1.5	1.7	
A061896	1.83	19.1	2.2	
A061897	<0.03	1.3	3.3	
A061898	0.13	6.9	4.4	
A061899	0.03	3.0	4.3	
A061900	<0.03	0.6	3.8	
A061901	0.03	1.9	4.3	
A061902	0.03	3.3	4.3	
A061903	0.03	1.7	4.2	
A061904	0.07	3.3	4.1	
A061905	12.57	3.5		
A061906	0.03	1.8	4.3	
A061907	0.05	9.0	4.2	
A061908	0.03	2.2	3.8	
A061909	0.03	3.1	2.1	
*DUP A061890	75.30	245.0		
*DUP A061899	0.07	4.3		
*DUP A061909	0.03	2.8		
*AC0501	8.17	227.9		
*ME-3				0.85
*BLANK	<0.03	<0.1		<0.01

Au Ag FA Gravimetric Finish.

Certified by \_\_\_\_\_



SGS Canada Inc.  
8282 Sherbrooke Street  
Vancouver, British Columbia V5X 4R6  
T: (604) 327-3436 F: (604) 327-3423

## CERTIFICATE OF ANALYSIS

0S-0098-RM1

Company: **Metal Mountain**  
Project: **Dome**  
Attn: **Daryl Hanson**

Oct-20-10

We *hereby certify* the following analysis of 2 core samples submitted Sep-07-10

Sample Name	Wt Total g	Wt +150 g	+150 Au mg	-150 Au g/tonne	Metallic Au g/tonne	Net Au g/tonne
A061840	576.2	45.4	0.172	3.33	0.30	3.37
A061890	627.6	35.4	1.809	64.50	2.88	63.74

Certified by \_\_\_\_\_



**SGS Canada Inc.**

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0S0098RR

Date : Oct-20-10

Sample type : CORE

**Metal Mountain**

Project : Dome

**ICP-AES Report**

Multi-Acid Digestion

Attention : Daryl Hanson

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
A061824	<1	7.41	13	1171	<5	6.15	<1	19	23	62	4.92	22	2.17	<10	<1	1.36	1919	2	1.47	<10	3	15	0.63	6	18	<10	226	<5	<10	0.24	162	<10	7	91	10
A061825	<1	8.21	<10	894	<5	2.66	<1	10	39	4	4.29	21	1.79	<10	1	0.73	1041	<2	3.27	<10	2	7	0.15	<5	19	<10	161	<5	<10	0.35	180	<10	9	44	42
A061826	<1	7.14	15	442	<5	3.77	<1	12	28	16	4.04	21	1.65	<10	13	1.47	1465	<2	2.67	<10	2	3	0.37	<5	15	<10	198	<5	<10	0.19	138	<10	6	68	12
A061827	<1	8.15	<10	1724	<5	1.51	<1	11	28	2	4.32	25	1.30	<10	16	1.79	922	<2	3.37	<10	2	<2	0.37	<5	15	<10	164	<5	<10	0.17	138	<10	5	131	13
A061828	<1	8.34	<10	1919	<5	1.49	<1	12	25	15	4.54	26	1.33	<10	20	1.80	1063	<2	3.31	<10	<2	2	0.33	5	16	<10	191	5	<10	0.17	144	<10	5	160	16
A061829	17	1.31	69	143	21	3.51	2	9	160	3123	5.85	12	0.53	<10	<1	1.31	1832	3	0.09	<10	2	127	3.91	22	3	<10	77	<5	<10	0.01	36	19	3	114	2
A061830	1	7.43	31	1378	<5	3.27	<1	13	40	136	4.17	26	3.39	<10	<1	1.51	2421	<2	0.70	<10	2	18	1.62	<5	16	<10	129	<5	<10	0.17	140	<10	6	67	17
A061831	<1	7.71	<10	928	<5	2.49	<1	14	38	8	4.30	29	1.93	<10	15	2.36	1583	<2	1.65	<10	<2	<2	0.59	<5	14	<10	130	<5	<10	0.26	151	<10	8	142	20
A061832	<1	8.80	23	876	<5	2.94	<1	14	23	12	4.55	29	3.02	<10	<1	1.95	2556	<2	1.70	<10	2	3	1.15	<5	17	<10	132	5	<10	0.25	176	<10	7	84	19
A061833	<1	7.78	14	671	<5	1.94	<1	13	29	3	4.28	27	1.70	<10	5	1.80	1894	<2	2.52	<10	<2	<2	0.70	<5	15	<10	110	<5	<10	0.25	151	<10	6	116	17
A061834	<1	0.16	<10	16	<5	23.65	<1	1	15	1	0.31	14	0.06	<10	<1	7.73	133	<2	0.06	<10	<2	<2	0.23	<5	<1	<10	1518	<5	<10	0.01	4	<10	1	10	1
A061835	<1	9.48	11	403	<5	1.93	<1	22	17	11	5.43	33	1.46	<10	21	2.87	1296	<2	3.25	<10	<2	<2	0.31	<5	17	<10	174	5	<10	0.21	163	<10	5	121	8
A061836	<1	6.20	69	558	6	6.52	<1	24	22	61	7.27	27	1.52	<10	2	3.68	3240	2	1.69	<10	<2	11	2.49	6	12	<10	194	5	<10	0.08	127	<10	6	90	5
A061837	8	9.55	20	563	7	1.05	22	20	30	307	5.47	32	1.27	<10	19	2.46	1285	<2	3.78	<10	<2	702	0.25	15	17	<10	147	<5	<10	0.17	167	<10	4	949	9
A061838	<1	7.79	<10	2030	5	4.13	<1	15	20	10	4.30	25	3.18	<10	<1	1.46	1181	<2	1.08	<10	3	5	0.26	6	14	<10	768	<5	<10	0.17	139	<10	6	102	11
A061839	<1	7.78	20	1335	<5	4.62	<1	15	21	66	4.18	24	3.57	<10	<1	1.47	3268	<2	0.46	<10	2	19	1.12	7	13	<10	125	<5	<10	0.17	136	12	7	142	13
A061840	17	0.43	137	69	35	0.39	4	4	199	687	1.55	2	0.15	<10	<1	0.13	389	3	0.04	<10	5	203	1.11	270	1	<10	16	<5	<10	0.01	9	<10	<1	128	1
A061841	3	6.75	170	990	10	2.01	<1	11	54	469	4.95	24	2.99	<10	<1	0.86	3218	<2	0.31	<10	10	45	2.43	19	15	<10	65	<5	<10	0.08	126	<10	5	115	11
A061842	28	6.35	375	276	115	0.77	7	20	87	5924	10.45	21	2.82	<10	<1	0.63	1665	<2	0.25	<10	17	116	7.01	200	14	<10	40	6	<10	0.05	91	<10	3	391	8
A061843	98	0.54	847	75	212	0.63	25	19	191	5110	7.52	4	0.21	<10	<1	0.19	412	14	0.04	<10	10	616	6.14	1349	1	<10	16	<5	<10	<0.01	10	<10	1	827	1
A061844	2	3.52	>10000	279	6	1.85	<1	16	77	122	3.67	16	1.15	<10	<1	0.72	507	19	0.79	<10	48	707	0.82	8	9	<10	102	<5	<10	0.08	73	<10	7	216	41
A061845	<1	8.65	34	1413	<5	3.44	<1	14	36	29	4.57	27	3.75	<10	<1	1.34	3458	<2	0.44	<10	2	11	1.10	8	16	<10	97	6	<10	0.18	145	<10	8	213	13
A061846	<1	6.09	<10	715	<5	2.23	<1	20	73	39	6.05	24	1.99	<10	<1	2.02	1911	<2	0.66	<10	5	8	2.72	5	13	<10	163	<5	<10	0.22	112	<10	7	136	12
A061847	<1	7.56	12	294	<5	5.18	<1	10	42	102	4.49	16	1.69	<10	<1	0.33	1193	<2	2.24	<10	3	<2	0.63	<5	20	<10	242	<5	<10	0.26	172	<10	7	34	16
A061848	1	7.88	31	1148	<5	4.94	2	20	37	111	6.09	27	3.15	<10	<1	2.25	3448	<2	0.92	<10	4	498	2.14	6	22	<10	147	5	<10	0.28	202	<10	8	259	6
A061849	<1	8.25	23	831	<5	2.51	<1	18	30	14	5.60	27	1.84	<10	12	2.44	1891	<2	2.46	<10	3	8	0.95	<5	20	<10	131	<5	<10	0.27	194	<10	7	281	14
A061850	<1	8.62	14	972	<5	2.89	<1	17	33	14	5.42	28	1.86	<10	6	2.19	1752	<2	3.15	<10	2	7	1.26	5	20	<10	156	6	<10	0.30	201	<10	8	164	15
A061851	<1	8.03	26	911	<5	1.98	<1	14	24	17	4.75	25	1.07	<10	2	2.07	1047	<2	3.65	<10	2	<2	0.51	<5	17	<10	211	<5	<10	0.26	139	<10	7	99	10
A061852	<1	8.82	22	913	<5	1.67	<1	15	24	4	5.02	28	1.69	<10	1	1.74	922	<2	3.50	<10	2	4	0.44	5	18	<10	165	5	<10	0.27	169	<10	7	126	12
A061853	<1	8.07	15	2152	<5	3.20	<1	15	38	11	4.98	27	2.39	<10	<1	1.86	1827	<2	2.46	<10	3	17	2.01	5	16	<10	149	5	<10	0.24	139	10	7	96	11

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.

Signed: \_\_\_\_\_



SGS Canada Inc.

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0S0098RR

Date : Oct-20-10

Sample type : CORE

Metal Mountain

Project : Dome

Attention : Daryl Hanson

ICP-AES Report

Multi-Acid Digestion

Table with columns for Sample Number and various elements (Ag, Al, As, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, K, La, Li, Mg, Mn, Mo, Na, Nb, Ni, Pb, S, Sb, Sc, Sn, Sr, Ta, Te, Ti, V, W, Y, Zn, Zr) and their concentrations in ppm or %.

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.

Signed: [Signature]



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Multi-Acid Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
A061884	2	3.68	>10000	286	5	2.01	<1	18	74	106	3.90	17	1.23	<10	<1	0.74	583	23	0.81	<10	55	571	0.96	5	9	<10	102	<5	<10	0.10	76	<10	6	210	41
A061885	<1	8.08	28	937	<5	3.06	<1	16	35	18	4.46	25	1.42	<10	<1	1.97	1554	<2	3.44	<10	3	3	0.94	<5	16	<10	185	<5	<10	0.20	129	<10	5	89	10
A061886	<1	8.50	20	1421	<5	3.69	<1	8	26	6	3.60	24	2.70	<10	<1	1.45	1719	<2	2.60	<10	<2	8	0.59	<5	12	<10	198	<5	<10	0.20	77	<10	8	78	18
A061887	<1	8.78	32	1066	<5	3.44	<1	11	25	11	3.61	23	2.51	<10	<1	1.21	1401	<2	2.64	<10	<2	9	0.63	<5	12	<10	207	<5	<10	0.19	95	<10	9	121	20
A061888	1	9.21	41	1650	<5	3.22	6	9	27	114	3.73	24	3.50	<10	<1	0.93	1900	<2	1.69	<10	<2	392	1.00	7	13	<10	165	<5	<10	0.17	83	<10	8	359	18
A061889	2	9.73	29	1846	<5	2.85	4	9	33	309	3.67	25	4.19	<10	<1	0.86	1733	<2	1.47	<10	5	105	1.01	15	14	<10	138	<5	<10	0.17	93	<10	7	283	22
A061890	>200	2.76	463	468	333	0.75	664	5	82	9022	7.92	7	1.14	<10	1	0.27	671	3	0.11	<10	2	1865	7.53	324	4	<10	31	5	35	0.05	17	<10	3	>10000	8
A061891	5	7.98	32	1490	12	4.15	4	16	23	996	5.88	15	3.32	<10	7	1.55	3149	<2	0.26	<10	<2	40	1.28	11	22	<10	98	10	<10	0.29	178	<10	9	200	34
A061892	3	8.03	14	1471	11	4.46	8	13	27	243	4.96	16	3.35	<10	6	1.54	2398	<2	0.24	<10	<2	71	0.45	11	22	<10	107	8	<10	0.33	172	<10	9	365	28
A061893	1	0.11	<10	28	<5	24.33	<1	1	5	5	0.37	1	0.06	<10	1	11.12	171	<2	0.02	<10	<2	3	0.71	<5	<1	<10	726	<5	<10	<0.01	3	<10	1	14	1
A061894	1	8.26	10	1587	9	2.84	4	26	19	13	5.67	19	2.38	<10	14	1.71	1632	<2	2.80	<10	<2	24	0.40	6	23	<10	201	8	<10	0.37	166	<10	8	396	14
A061895	1	8.23	14	2393	11	5.15	3	15	15	74	5.42	17	3.62	<10	9	1.35	2733	<2	0.36	<10	2	16	1.15	<5	16	<10	143	9	<10	0.23	141	<10	7	181	14
A061896	21	4.21	69	995	29	2.00	8	19	.98	3609	7.49	11	1.89	<10	3	0.71	2249	14	0.07	<10	3	138	5.38	10	10	<10	29	5	<10	0.09	108	107	4	316	9
A061897	2	9.24	11	1533	14	3.95	6	21	18	100	6.14	20	3.76	<10	14	1.98	5066	<2	0.19	<10	<2	<2	1.40	9	23	<10	66	10	<10	0.26	270	<10	7	290	17
A061898	7	8.78	29	1400	21	4.47	9	21	22	135	6.36	18	3.40	<10	16	2.14	5905	<2	0.13	<10	<2	132	1.26	8	22	<10	80	10	<10	0.27	228	<10	8	360	17
A061899	3	8.28	23	1336	14	4.18	16	26	20	145	6.14	18	3.11	<10	17	2.08	4215	<2	0.22	<10	2	250	1.48	8	21	<10	80	11	<10	0.26	213	14	7	675	17
A061900	1	7.99	<10	2976	15	7.34	4	27	25	174	6.34	19	1.85	<10	30	3.80	4447	<2	1.23	<10	17	18	0.93	7	26	<10	301	10	<10	0.32	241	<10	8	219	12
A061901	2	8.61	18	2222	15	3.91	3	21	15	25	6.21	17	1.52	<10	28	2.85	2906	<2	2.99	<10	2	34	1.34	5	22	<10	257	10	<10	0.32	222	<10	7	226	10
A061902	1	7.66	19	1527	13	3.43	2	17	21	23	5.93	16	1.55	<10	16	1.53	1863	<2	2.88	<10	<2	<2	1.88	6	18	<10	252	8	<10	0.27	182	<10	6	132	12
A061903	2	9.25	14	1424	14	3.12	3	20	21	36	6.47	19	2.23	<10	16	1.82	1843	<2	2.86	<10	<2	27	1.88	9	22	<10	207	9	<10	0.33	233	<10	8	186	19
A061904	3	9.43	20	730	19	5.14	4	25	25	72	6.99	20	2.52	<10	19	2.01	2631	<2	2.28	<10	3	63	2.24	9	25	<10	179	11	11	0.35	290	<10	8	225	19
A061905	4	4.28	>10000	386	17	2.10	2	18	74	99	4.55	13	1.66	15	7	0.91	605	17	0.44	<10	53	531	0.88	6	8	<10	106	5	<10	0.10	69	<10	5	221	71
A061906	1	8.61	30	493	18	4.80	3	28	16	29	6.60	18	1.51	<10	23	2.41	2598	<2	2.75	<10	5	31	1.41	5	25	<10	222	9	<10	0.34	235	<10	6	248	11
A061907	10	8.83	16	586	31	4.52	4	28	27	232	7.15	19	1.96	<10	19	2.34	3234	2	2.55	<10	4	537	2.31	9	24	<10	194	10	10	0.31	239	<10	6	228	9
A061908	2	8.74	<10	484	17	3.39	3	27	21	12	6.64	17	1.47	<10	23	2.66	2453	<2	3.00	<10	3	51	2.14	<5	23	<10	212	9	<10	0.28	215	<10	6	243	12
A061909	3	7.48	<10	746	15	5.86	3	23	29	20	6.14	15	1.48	<10	19	2.44	3957	<2	2.22	<10	3	114	2.05	8	21	<10	279	8	10	0.27	200	<10	8	218	8
<b>Duplicates:</b>																																			
A061824	<1	7.16	16	1185	<5	5.78	<1	19	23	60	4.66	23	2.08	<10	<1	1.33	1809	<2	1.48	<10	3	11	0.58	6	18	<10	232	5	<10	0.23	157	<10	8	85	9
A061833	<1	7.58	16	650	<5	1.90	<1	12	28	4	4.19	25	1.61	<10	5	1.78	1798	<2	2.53	<10	<2	<2	0.68	<5	14	<10	108	<5	<10	0.22	145	<10	5	113	13
A061843	95	0.54	876	71	218	0.63	26	20	184	5026	7.44	4	0.20	<10	<1	0.19	418	14	0.04	<10	10	578	6.10	1284	1	<10	17	<5	<10	0.01	10	<10	1	837	1

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.





**SGS Canada Inc.**

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0S0098RR

Date : Oct-20-10

Sample type : CORE

**Metal Mountain**

Project : Dome

Attention : Daryl Hanson

**ICP-AES Report**

Multi-Acid Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
A061846	<1	6.20	14	724	<5	2.30	<1	19	72	38	6.09	25	2.06	<10	<1	2.07	1884	<2	0.65	<10	5	3	2.61	<5	13	<10	168	<5	<10	0.25	113	<10	7	127	10
A061855	<1	8.35	12	929	<5	2.67	<1	16	36	3	4.90	25	2.10	<10	<1	1.68	1418	<2	2.80	<10	6	<2	0.71	<5	15	<10	176	<5	<10	0.24	147	<10	7	123	15
A061865	2	3.75	>10000	340	9	2.04	<1	17	118	83	4.12	17	1.56	13	<1	0.85	521	18	0.39	<10	53	607	0.94	5	7	<10	88	<5	<10	0.08	69	<10	4	204	56
A061868	<1	7.98	10	653	<5	2.11	<1	14	37	6	4.37	24	1.55	<10	<1	1.12	1349	<2	3.68	<10	2	<2	1.97	<5	15	<10	116	<5	<10	0.23	142	<10	6	71	10
A061877	1	8.16	15	1085	<5	4.06	34	17	33	237	4.72	28	2.90	<10	<1	1.49	2136	2	1.25	<10	<2	758	1.15	9	13	<10	132	<5	<10	0.30	130	<10	7	852	24
A061887	<1	8.99	26	1128	<5	3.45	<1	10	25	12	3.62	25	3.02	<10	<1	1.21	1316	<2	2.76	<10	<2	9	0.60	<5	13	<10	222	<5	<10	0.21	95	<10	9	119	22
A061890	>200	2.74	462	445	326	0.70	612	6	81	8567	7.63	9	1.16	<10	2	0.26	670	3	0.12	<10	<2	1812	7.39	285	4	<10	29	<5	31	0.05	18	<10	2	>10000	8
A061899	4	8.57	27	1316	15	4.14	16	25	22	153	6.54	19	3.22	<10	17	2.13	4208	3	0.25	<10	<2	261	1.55	11	21	<10	80	10	10	0.26	213	11	7	687	21
A061909	3	7.41	<10	740	16	5.74	3	23	31	20	6.11	15	1.47	<10	19	2.42	3926	2	2.19	<10	3	110	2.04	9	21	<10	277	8	11	0.27	197	<10	7	216	8
<b>Standards:</b>																																			
Blank	<1	<0.01	<10	<10	<5	<0.01	<1	1	5	2	<0.01	<1	<0.01	<10	<1	<0.01	7	<2	<0.01	<10	<2	2	<0.01	<5	<1	<10	<1	<5	<10	<0.01	<1	<10	<1	<1	<1
CH-4	2	7.35	26	445	<5	1.86	<1	24	123	1932	5.00	27	2.14	14	<1	1.33	449	3	2.98	<10	54	19	0.65	<5	11	<10	187	<5	<10	0.27	89	<10	9	210	104

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.



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 8282 Sherbrooke St.  
 Vancouver, B.C.  
 V5X 4R6  
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*Quality Assaying for over 35 Years*

**Assay Certificate**

**0S-0109-RA1**

Company: **Metal Mountain**  
 Project: **Dome**  
 Attn: **Daryl Hanson**

Oct-14-10

We hereby certify the following assay of 22 core samples submitted Sep-13-10

Sample Name	Au g/tonne	Ag g/tonne	Sample wt Kg
A061910	8.30	6.1	3.0
A061911	0.03	<0.1	1.5
A061912	<0.03	0.4	0.8
A061913	0.83	1.7	3.0
A061914	0.93	2.0	1.0
A061915	0.03	0.8	3.5
A061916	0.27	1.6	4.0
A061917	0.10	1.5	4.0
A061918	0.10	1.1	3.0
A061919	0.17	1.7	3.5
A061920	0.77	1.2	3.0
A061921	0.10	0.6	4.0
A061922	0.90	1.7	3.0
A061923	0.17	0.8	3.0
A061924	8.30	4.1	0.1
A061925	0.40	1.2	3.0
A061926	0.10	1.1	4.0
A061927	0.53	1.4	3.5
A061928	0.07	0.2	3.0
A061929	0.23	0.8	3.0
A061930	0.13	0.8	4.0
A061931	0.13	0.6	3.0
*DUP A061910	8.93	5.7	
*DUP A061919	0.17	1.1	
*DUP A061929	0.23	0.7	
*AC0501	7.70	250.6	
*BLANK	<0.03	<0.1	

Au,Ag F.A. Grav. finish

Certified by  \_\_\_\_\_



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

*Quality Assaying for over 35 Years*

**Assay Certificate**

0S-0109-RA2

Company: **Metal Mountain**  
 Project: **Dome**  
 Attn: **Daryl Hanson**

Oct-14-10

We hereby certify the following assay of 22 core samples submitted Sep-13-10

Sample Name	Au g/tonne	Ag g/tonne	Sample wt Kg
A061932	0.57	0.9	3.0
A061933	0.67	1.1	3.5
A061934	0.23	1.1	3.0
A061935	0.23	0.7	3.0
A061936	0.10	<0.1	3.0
A061937	<0.03	0.6	0.8
A061938	0.13	0.6	3.0
A061939	0.63	<0.1	4.0
A061940	0.77	0.7	3.0
A061941	0.13	0.2	2.0
A061942	0.33	0.3	3.5
A061943	0.43	0.5	4.0
A061944	12.33	2.8	0.1
A061945	0.13	0.6	3.5
A061946	0.07	0.2	4.0
A061947	0.07	0.4	3.0
A061948	0.17	0.6	3.5
A061949	0.07	0.4	3.0
A061950	0.03	1.1	3.0
A061951	0.03	0.3	4.0
A061952	0.37	<0.1	4.0
A061953	0.13	0.4	4.0
*DUP A061932	0.53	0.3	
*DUP A061941	0.13	0.4	
*DUP A061951	0.07	0.1	
*AC0501	8.10		
*ME-3		265.8	
*BLANK	<0.03	<0.1	

Au,Ag F.A. Grav. finish

Certified by \_\_\_\_\_



*Quality Assaying for over 35 Years*

## Assay Certificate

**0S-0109-RA3**

Company: **Metal Mountain**  
Project: **Dome**  
Attn: **Daryl Hanson**

Oct-14-10

We hereby certify the following assay of 22 core samples submitted Sep-13-10

Sample Name	Au g/tonne	Ag g/tonne	Sample wt Kg	Cu %
A061954	0.07	1.4	0.8	
A061955	49.47	161.5	1.0	
A061956	2.37	101.9	2.0	
A061957	13.20	73.1	2.0	1.23
A061958	<0.03	1.7	0.9	
A061959	5.07	30.2	1.0	
A061960	0.97	6.1	3.0	
A061961	0.05	4.3	1.5	
A061962	0.07	2.5	0.9	
A061963	0.50	2.6	4.0	
A061964	3.33	4.8	2.0	
A061965	0.13	1.0	2.0	
A061966	0.10	1.8	4.0	
A061967	10.50	4.0	0.1	
A061968	2.80	2.0	3.0	
A061969	0.18	1.3	4.0	
A061970	0.43	2.5	4.0	
A061971	0.10	2.3	3.5	
A061972	1.33	1.7	3.0	
A061973	<0.03	1.0	0.9	
A061974	0.53	1.4	2.0	
A061975	6.30	1.9	4.0	
*DUP A061954	0.07	1.4		
*DUP A061963	0.47	3.2		
*DUP A061973	<0.03	1.4		
*AC0501	8.17	213.7		
*ME-4				1.77
*BLANK	<0.03	<0.1		<0.001

Au,Ag F.A. Grav. finish.Cu4 Acid Digest AA finish.

Certified by \_\_\_\_\_



*Quality Assaying for over 35 Years*

## Assay Certificate

0S-0109-RA4

Company: **Metal Mountain**  
Project: **Dome**  
Attn: **Daryl Hanson**

Oct-14-10

We hereby certify the following assay of 22 core samples submitted Sep-13-10

Sample Name	Au g/tonne	Ag g/tonne	Sample wt Kg
A061976	<0.03	1.3	6.0
A061977	0.07	2.9	4.0
A061978	0.10	1.1	1.0
A061979	0.07	1.5	1.0
A061980	0.90	2.3	2.0
A061981	0.97	4.2	1.5
A061982	<0.03	2.6	4.0
A061983	<0.03	2.9	3.5
A061984	11.03	4.6	0.1
A061985	0.03	1.6	4.0
A061986	0.03	3.2	4.0
A061987	0.03	1.0	3.0
A061988	<0.03	1.7	4.0
A061989	0.03	1.3	4.0
A061990	<0.03	1.5	3.0
A061991	0.57	172.3	1.0
A061992	11.30	214.2	1.0
A061993	<0.03	2.8	0.8
A061994	6.73	145.0	1.0
A061995	14.60	204.1	1.0
A061996	2.60	164.7	1.0
A061997	3.47	171.7	1.0
*DUP A061976	0.03	0.8	
*DUP A061985	0.03	0.8	
*DUP A061995	13.37	211.8	
*AC0501	8.43	226.8	
*BLANK	<0.03	<0.1	

Au,Ag F.A. Grav. finish

Certified by \_\_\_\_\_



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

*Quality Assaying for over 35 Years*

**Assay Certificate**

**0S-0109-RA5**

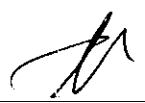
Company: **Metal Mountain**  
 Project: **Dome**  
 Attn: **Daryl Hanson**

Oct-14-10

We hereby certify the following assay of 14 core samples submitted Sep-13-10

Sample Name	Au g/tonne	Ag g/tonne	Sample wt Kg
A061998	3.30	25.9	2.0
A061999	4.63	33.4	1.0
A062000	0.03	1.2	1.0
A067501	<0.03	1.7	4.0
A067502	<0.03	1.1	4.0
A067503	<0.03	1.0	3.5
A067504	0.03	0.6	4.0
A067505	0.03	0.4	5.0
A067506	<0.03	1.4	3.0
A067507	0.13	1.5	4.0
A067508	7.87	3.5	0.1
A067509	0.03	1.2	4.0
A067510	0.03	2.8	4.0
A067511	<0.03	1.5	3.0
*DUP A061998	3.10	26.3	
*DUP A067507	0.07	1.8	
*AC0501	8.10		
*ME-3		260.0	
*BLANK	<0.03	<0.1	

Au,Ag F.A. Grav. finish

Certified by 



SGS Canada Inc.  
 8282 Sherbrooke Street  
 Vancouver, British Columbia V5X 4R6  
 T: (604) 327-3436 F: (604) 327-3423

## CERTIFICATE OF ANALYSIS

0S-0109-RA3

Company: **Metal Mountain**  
 Project: **Dome**  
 Attn: **Daryl Hanson**

Oct-14-10

We hereby certify the following assay of 22 core samples  
 submitted Sep-13-10

Sample Name	Au g/tonne	Ag g/tonne	Au-Rerun g/tonne	Ag-rerun g/tonne	Sample wt Kg	Cu %
A061954	0.07	1.4			0.8	
A061955	49.47	161.5			1.0	
A061956	2.37	101.9			2.0	
A061957	13.20	73.1			2.0	1.23
A061958	<0.03	1.7			0.9	
A061959	5.07	30.2			1.0	
A061960	0.97	6.1			3.0	
A061961	0.05	4.3			1.5	
A061962	0.07	2.5			0.9	
A061963	0.50	2.6			4.0	
A061964	3.33	4.8			2.0	
A061965	0.13	1.0	0.13	0.8	2.0	
A061966	0.10	1.8	0.13	0.5	4.0	
A061967	10.50	4.0	8.20	2.2	0.1	
A061968	2.80	2.0	2.03	0.6	3.0	
A061969	0.18	1.3	0.17	<0.1	4.0	
A061970	0.43	2.5			4.0	
A061971	0.10	2.3			3.5	
A061972	1.33	1.7			3.0	
A061973	<0.03	1.0			0.9	
A061974	0.53	1.4			2.0	
A061975	6.30	1.9			4.0	
*DUP A061954	0.07	1.4				
*DUP A061963	0.47	3.2				
*DUP a061965				0.1		
*DUP A061973	<0.03	1.4				
*AC0501	8.17	213.7				
*ME-3				268.8		1.77
*BLANK	<0.03	<0.1		<0.1		<0.001

Au,Ag F.A. Grav. finish.Cu4 Acid Digest AA finish.

Certified by \_\_\_\_\_



SGS Canada Inc.  
8282 Sherbrooke Street  
Vancouver, British Columbia V5X 4R6  
T: (604) 327-3436 F: (604) 327-3423

## CERTIFICATE OF ANALYSIS

0S-0109-RM1

Company: **Metal Mountain**  
Project: **Dome**  
Attn: **Daryl Hanson**

Oct-14-10

We hereby certify the following analysis of 9 core samples  
submitted Sep-13-10

Sample Name	Wt Total g	Wt +150 g	+150 Au mg	-150 Au g/tonne	Metallic Au g/tonne	Nct Au g/tonne
A061957	994.7	14.5	0.514	19.55	0.52	19.78
A061991	508.2	28.2	0.222	11.27	0.44	11.08
A061992	468.1	35.9	0.292	17.91	0.62	17.16
A061994	496.8	27.4	0.154	5.50	0.31	5.51
A061995	503.1	30.2	0.400	13.87	0.79	13.83
A061996	507.6	17.8	0.035	2.58	0.07	2.56
A061997	532.2	25.0	0.053	2.83	0.10	2.80
A061998	501.0	25.9	0.073	2.86	0.15	2.86
A061999	518.7	28.4	0.204	5.15	0.39	5.26

Certified by .....





**SGS Canada Inc.**

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0S0109RR

Date : Oct-14-10

Sample type : CORE

**Metal Mountain**

Project : Dome

Attention : Daryl Hanson

**ICP-AES Report**

Multi-Acid Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
A061910	6	8.60	46	1181	21	2.87	27	21	27	144	6.55	15	2.15	<10	26	1.63	1820	<2	2.03	<10	3	54	1.57	5	20	<10	132	7	<10	0.30	181	<10	8	1646	20
A061911	<1	8.71	<10	1071	10	3.19	3	19	25	5	5.57	14	1.29	<10	25	1.71	1490	<2	3.43	<10	2	22	0.29	<5	19	<10	194	7	<10	0.32	178	<10	9	128	19
A061912	<1	0.13	<10	21	<5	19.85	<1	1	5	3	0.38	<1	0.06	<10	1	10.94	171	<2	0.04	<10	<2	<2	0.68	<5	<1	<10	592	<5	<10	<0.01	4	<10	1	24	1
A061913	1	8.25	24	901	14	2.46	5	18	24	50	5.68	14	1.09	<10	25	1.68	1516	<2	3.54	<10	2	22	1.03	5	17	<10	179	6	<10	0.31	167	<10	8	221	22
A061914	2	7.90	19	1059	16	2.40	3	21	36	266	6.45	14	2.28	<10	25	2.03	2117	2	1.61	<10	2	18	1.94	5	20	<10	124	<5	<10	0.30	177	<10	8	143	18
A061915	<1	8.47	<10	1186	12	1.99	3	19	27	8	5.65	14	1.23	<10	45	2.41	1377	<2	3.23	<10	3	21	0.27	5	23	<10	202	7	<10	0.34	200	<10	8	140	18
A061916	1	8.29	<10	2804	13	2.74	4	19	23	54	6.17	14	1.48	<10	41	2.66	1599	<2	2.57	<10	2	20	0.69	5	22	<10	189	5	<10	0.33	207	<10	8	189	16
A061917	1	8.06	<10	1609	12	1.92	3	17	22	18	5.97	14	1.89	<10	25	2.44	2110	<2	2.24	<10	3	29	0.95	5	20	<10	125	6	<10	0.32	194	<10	7	178	15
A061918	1	8.33	<10	1111	12	1.58	4	16	25	64	5.75	14	1.82	<10	21	2.09	1741	<2	2.78	<10	2	36	0.90	6	18	<10	106	6	<10	0.34	183	<10	7	275	18
A061919	<1	8.14	<10	2316	10	1.51	3	14	26	6	5.43	13	1.38	<10	22	1.87	1577	<2	3.32	<10	2	21	0.79	5	17	<10	140	7	<10	0.31	158	<10	6	148	18
A061920	2	8.36	17	1094	12	1.42	3	15	28	15	5.48	16	2.21	<10	17	1.81	1972	<2	2.57	<10	2	68	1.45	6	18	<10	98	6	<10	0.34	171	<10	7	161	22
A061921	<1	8.95	<10	1452	10	1.49	3	15	23	2	5.59	16	1.56	<10	21	2.01	1520	<2	3.71	<10	2	25	1.08	5	20	<10	124	6	<10	0.32	199	<10	7	141	21
A061922	1	8.24	22	1003	14	1.21	3	16	49	24	6.33	16	2.17	<10	21	1.86	1670	<2	2.42	<10	2	28	1.91	<5	18	<10	87	5	<10	0.27	195	<10	7	153	22
A061923	<1	7.33	<10	1823	11	1.69	3	14	39	7	5.36	15	1.99	<10	23	1.84	1718	<2	2.46	<10	2	19	0.93	<5	16	<10	156	<5	<10	0.26	182	<10	7	251	25
A061924	2	3.76	>10000	309	19	1.88	2	19	84	115	4.14	10	1.12	<10	9	0.80	588	19	0.82	<10	51	661	0.88	<5	9	<10	102	<5	<10	0.09	72	<10	7	224	44
A061925	1	8.26	19	1264	11	1.69	3	17	36	9	5.72	14	2.33	<10	15	1.57	2012	<2	2.14	<10	2	27	1.68	<5	17	<10	107	5	<10	0.19	174	<10	7	118	20
A061926	<1	8.37	<10	1428	11	1.59	3	14	26	4	5.62	15	1.73	<10	17	1.56	1614	<2	3.02	<10	2	23	0.76	<5	18	<10	143	7	<10	0.24	192	<10	7	138	24
A061927	1	8.29	17	1585	12	1.87	3	16	30	60	5.89	15	1.70	<10	16	1.54	1667	<2	3.04	<10	2	38	1.09	<5	17	<10	164	6	<10	0.22	171	<10	7	135	27
A061928	1	8.03	<10	2041	11	2.63	3	12	25	8	5.14	14	2.12	<10	17	1.71	2123	<2	2.26	<10	2	26	0.90	<5	16	<10	179	6	<10	0.24	156	<10	8	164	24
A061929	1	8.30	18	1985	11	2.57	8	12	24	27	5.69	14	2.01	<10	17	1.49	1921	<2	2.56	<10	2	28	1.16	<5	18	<10	189	7	<10	0.24	151	<10	7	427	18
A061930	1	8.40	16	2062	10	2.05	4	13	25	32	5.33	14	1.92	<10	15	1.48	1675	<2	2.80	<10	3	65	1.09	<5	17	<10	182	7	<10	0.27	175	<10	8	215	24
A061931	1	8.40	<10	2293	10	2.02	4	12	27	13	5.54	16	2.00	<10	15	1.69	2130	<2	2.79	<10	2	44	0.63	<5	18	<10	179	6	<10	0.24	172	<10	7	177	25
A061932	<1	8.73	10	1424	10	1.57	3	12	24	23	4.98	15	1.04	<10	16	1.46	1519	<2	4.62	<10	2	24	0.70	<5	17	<10	203	8	<10	0.23	160	<10	8	101	25
A061933	1	8.10	16	801	11	1.49	3	11	30	14	5.20	14	1.36	<10	13	1.30	1841	<2	3.82	<10	2	19	1.23	<5	16	<10	144	7	<10	0.22	157	<10	7	87	21
A061934	1	8.28	<10	751	11	1.33	3	13	19	13	5.29	13	0.47	<10	17	1.40	1501	<2	5.08	<10	2	19	1.02	<5	16	<10	150	8	<10	0.27	152	<10	10	113	48
A061935	1	8.42	10	1190	11	1.43	3	13	23	5	5.40	13	0.82	10	14	1.31	1584	<2	4.83	<10	<2	21	1.19	5	17	<10	129	7	<10	0.27	169	<10	9	111	41
A061936	1	8.20	<10	1028	11	1.66	3	16	15	5	5.04	13	0.76	<10	17	1.65	1661	<2	4.50	<10	2	20	0.37	5	15	<10	145	8	<10	0.26	158	<10	8	187	27
A061937	1	0.09	<10	18	<5	18.36	<1	1	5	3	0.35	<1	0.05	<10	1	11.58	175	<2	0.04	<10	<2	<2	0.64	<5	<1	<10	350	<5	<10	<0.01	3	<10	1	17	1
A061938	1	8.45	<10	1512	12	2.59	3	17	14	6	5.58	15	1.73	<10	18	1.90	2547	<2	3.07	<10	<2	20	0.67	5	16	<10	130	9	<10	0.27	167	<10	9	208	30
A061939	1	8.38	<10	1581	11	2.82	4	19	13	14	5.26	16	2.24	<10	16	1.69	2184	<2	2.53	<10	<2	18	0.79	5	14	<10	113	9	<10	0.27	141	<10	9	152	29

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.



**SGS Canada Inc.**

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0S0109RR

Date : Oct-14-10

Sample type : CORE

**Metal Mountain**

Project : Dome

Attention : Daryl Hanson

**ICP-AES Report**

Multi-Acid Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
A061940	1	7.63	<10	724	9	2.56	3	11	33	24	4.46	11	1.95	<10	4	0.88	2216	<2	3.05	<10	<2	22	1.41	6	14	<10	86	8	<10	0.23	113	<10	7	54	22
A061941	1	8.39	<10	1224	16	1.19	4	11	18	20	6.44	12	2.85	10	28	2.13	2000	<2	0.27	<10	2	43	1.35	<5	17	<10	67	8	<10	0.25	136	<10	7	212	31
A061942	1	7.75	11	932	8	2.98	3	9	24	29	4.58	13	2.44	<10	5	1.24	3512	<2	2.09	<10	<2	25	1.29	<5	16	<10	96	8	<10	0.24	125	<10	9	70	32
A061943	1	8.35	34	983	10	2.44	3	16	20	22	5.39	15	2.22	<10	7	1.14	2200	<2	2.85	<10	<2	23	1.53	6	15	<10	93	8	<10	0.26	137	<10	8	89	27
A061944	4	3.73	>10000	354	18	1.75	2	17	116	86	4.04	10	1.46	14	7	0.85	543	16	0.38	<10	50	523	0.83	5	7	<10	90	<5	<10	0.08	62	<10	5	208	55
A061945	<1	8.30	14	919	10	2.68	3	18	24	4	5.14	16	2.11	<10	11	1.52	2185	<2	2.72	<10	<2	19	1.04	<5	15	<10	96	8	<10	0.26	143	<10	10	105	38
A061946	1	8.52	<10	919	9	2.47	3	17	14	<1	5.31	16	1.93	<10	19	2.08	1831	<2	2.73	<10	<2	19	0.77	6	16	<10	112	9	<10	0.31	153	<10	12	110	59
A061947	<1	8.09	<10	853	10	2.70	3	15	18	3	5.40	14	2.00	<10	17	1.91	2116	<2	2.44	<10	<2	18	1.21	5	16	<10	129	7	<10	0.29	150	<10	10	105	38
A061948	<1	7.57	<10	679	10	2.87	3	12	22	8	4.25	12	1.53	<10	7	1.07	1603	<2	3.49	<10	<2	18	0.91	5	14	<10	133	7	<10	0.27	135	<10	9	69	32
A061949	<1	8.19	<10	967	10	3.20	3	15	19	8	4.56	18	2.64	<10	7	1.23	1760	<2	2.01	<10	<2	20	0.99	6	15	<10	115	8	<10	0.28	150	<10	10	84	34
A061950	<1	7.49	<10	588	10	4.15	2	16	16	1	5.24	12	1.55	<10	22	1.55	2129	<2	3.05	<10	<2	16	0.53	<5	14	<10	143	7	<10	0.28	142	<10	10	94	31
A061951	1	7.41	<10	925	9	3.26	2	13	18	4	4.40	14	2.19	<10	10	1.29	2136	<2	2.02	<10	<2	18	1.02	<5	14	<10	136	8	<10	0.28	137	<10	9	84	28
A061952	1	7.11	<10	982	8	3.04	4	13	21	13	4.61	11	2.18	<10	5	1.18	2545	<2	1.91	<10	2	18	1.02	7	12	<10	120	7	<10	0.24	126	<10	9	198	35
A061953	<1	7.49	<10	825	9	3.66	3	15	21	2	4.65	11	1.68	<10	4	0.88	1040	<2	3.28	<10	2	22	0.39	5	15	<10	246	8	<10	0.28	155	<10	10	54	34
A061954	1	7.81	<10	1172	11	3.09	3	15	20	18	4.63	14	2.80	<10	8	0.99	1395	<2	0.81	<10	<2	35	0.53	<5	14	<10	122	7	<10	0.28	131	<10	10	144	31
A061955	180	0.51	1314	69	276	1.93	206	12	64	9131	9.64	1	0.18	<10	2	0.62	1349	17	0.05	<10	6	6176	7.40	602	1	<10	36	<5	13	0.01	<1	<10	2	9144	4
A061956	104	0.45	920	71	195	0.46	25	8	79	7514	4.40	<1	0.17	<10	2	0.15	346	4	0.04	<10	7	1824	3.28	375	1	<10	9	<5	<10	0.01	<1	<10	1	845	3
A061957	76	2.97	372	532	253	0.19	23	22	86	>10000	9.33	6	1.24	<10	2	0.16	390	14	0.13	<10	8	587	7.25	171	4	<10	18	<5	<10	0.05	9	<10	3	766	15
A061958	1	0.10	<10	20	<5	19.02	<1	1	7	37	0.34	<1	0.06	<10	1	10.90	169	<2	0.02	<10	<2	<2	0.65	<5	<1	<10	596	<5	<10	<0.01	3	<10	1	19	<1
A061959	34	2.72	163	514	79	0.73	11	22	83	5468	9.56	6	1.09	<10	2	0.34	1832	12	0.13	<10	14	317	7.11	24	4	<10	30	5	<10	0.04	12	<10	3	427	11
A061960	6	8.63	21	4974	13	2.40	6	6	31	1092	4.89	14	3.59	<10	6	0.99	2745	<2	0.50	<10	2	75	1.74	14	14	<10	208	8	<10	0.22	104	15	7	291	19
A061961	1	8.30	<10	8704	11	3.11	4	3	21	28	5.75	13	0.60	<10	29	1.68	2389	<2	4.06	<10	<2	36	1.02	6	20	<10	506	7	<10	0.32	122	<10	12	184	36
A061962	1	8.91	<10	3636	15	1.83	4	20	22	17	6.68	17	1.43	<10	16	1.64	1821	<2	3.66	<10	<2	96	1.46	7	23	<10	174	8	<10	0.33	151	10	10	247	27
A061963	1	7.94	<10	699	11	5.23	3	19	14	131	5.30	15	1.29	<10	29	1.34	2135	<2	1.60	<10	2	16	0.31	7	19	<10	165	6	<10	0.32	211	<10	11	89	48
A061964	5	7.73	49	1019	24	2.82	3	21	34	92	6.94	13	1.76	<10	17	1.46	2071	3	2.21	<10	3	24	2.95	5	19	<10	115	7	<10	0.27	182	<10	8	104	32
A061965	1	8.01	13	929	10	5.44	3	17	16	21	5.22	13	2.08	<10	34	1.71	2127	<2	0.51	<10	2	20	0.85	7	18	<10	145	7	<10	0.30	166	<10	10	80	29
A061966	1	8.92	<10	980	14	3.85	3	25	15	30	5.84	15	2.26	<10	21	1.26	1731	<2	2.05	<10	4	23	0.79	6	21	<10	125	7	<10	0.33	188	<10	11	100	51
A061967	2	3.72	>10000	301	18	1.80	2	20	56	112	3.99	9	1.10	<10	9	0.80	590	19	0.81	<10	50	583	0.87	<5	9	<10	103	<5	<10	0.10	71	<10	7	218	44
A061968	1	7.84	11	1894	10	4.12	3	18	25	7	5.26	13	2.09	<10	17	1.43	2637	<2	1.67	<10	3	16	1.30	5	18	<10	128	7	<10	0.28	160	<10	11	104	38
A061969	1	8.38	<10	902	11	2.65	3	21	16	11	5.60	15	1.27	<10	25	1.82	1698	<2	3.08	<10	2	20	0.63	6	21	<10	133	7	<10	0.32	189	<10	12	128	46

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.



**SGS Canada Inc.**

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0S0109RR

Date : Oct-14-10

Sample type : CORE

**Metal Mountain**

Project : Dome

Attention : Daryl Hanson

**ICP-AES Report**

Multi-Acid Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
A061970	1	8.60	19	982	11	2.25	3	18	21	12	5.70	15	1.53	<10	18	1.83	1923	<2	3.19	<10	2	24	1.16	6	21	<10	120	7	<10	0.33	183	<10	12	111	52
A061971	1	8.89	<10	1103	12	2.21	3	21	16	22	5.75	15	1.53	<10	29	2.01	1543	<2	3.30	<10	2	22	0.90	6	22	<10	148	9	<10	0.32	192	<10	9	159	27
A061972	1	6.96	66	907	17	2.14	5	18	45	28	7.02	13	1.30	<10	22	1.81	1946	<2	2.39	<10	4	28	3.34	<5	16	<10	114	7	<10	0.23	142	<10	8	261	25
A061973	<1	0.12	<10	21	<5	19.46	<1	1	6	7	0.39	<1	0.05	<10	1	11.29	190	<2	0.03	<10	<2	<2	0.66	<5	<1	<10	568	<5	<10	<0.01	3	<10	1	14	1
A061974	1	7.93	34	1101	16	1.72	9	20	59	31	6.66	15	1.41	<10	27	2.13	1659	<2	2.70	<10	3	27	2.07	5	20	<10	130	8	<10	0.27	191	<10	8	441	21
A061975	2	6.70	115	730	14	4.04	3	10	39	23	5.23	12	1.37	<10	11	1.05	2617	<2	2.68	<10	<2	24	2.65	<5	13	<10	179	7	<10	0.18	112	<10	10	68	28
A061976	<1	8.20	<10	1349	8	1.68	3	14	16	22	4.50	15	1.56	<10	20	1.50	1389	2	3.04	<10	2	21	0.33	<5	16	<10	140	8	<10	0.21	152	<10	8	119	24
A061977	1	7.85	<10	1176	12	3.12	3	20	15	27	5.35	16	2.01	<10	23	2.26	2215	<2	1.80	<10	2	22	1.07	5	16	<10	138	8	<10	0.25	139	<10	11	179	35
A061978	<1	7.98	<10	1169	10	2.98	3	22	16	18	4.84	16	2.77	<10	14	0.96	983	<2	1.28	<10	2	20	1.50	5	15	<10	122	7	<10	0.27	162	<10	9	83	25
A061979	<1	6.87	<10	486	9	4.04	2	17	14	21	4.86	12	1.16	<10	15	1.06	1434	<2	2.74	<10	<2	15	0.90	<5	13	<10	133	7	<10	0.25	134	<10	9	85	34
A061980	1	7.37	13	598	11	3.05	3	13	18	61	5.22	13	0.89	<10	9	0.62	970	<2	4.01	<10	<2	18	0.70	6	16	<10	145	7	<10	0.30	153	<10	10	77	40
A061981	1	6.34	84	977	12	4.00	3	12	21	138	5.36	12	1.91	<10	12	0.88	1450	6	1.28	<10	<2	11	2.15	<5	12	<10	142	6	<10	0.21	115	<10	9	153	35
A061982	<1	8.63	<10	902	11	1.41	3	19	12	27	5.10	16	1.14	<10	37	2.98	1061	<2	3.19	<10	<2	22	0.10	6	16	<10	127	8	<10	0.29	144	<10	11	106	48
A061983	<1	8.32	<10	1019	10	1.45	3	18	10	22	4.93	15	1.00	<10	38	3.12	1154	3	3.13	<10	<2	20	0.17	5	15	<10	169	8	<10	0.29	147	<10	10	120	36
A061984	2	3.48	>10000	328	16	1.62	2	16	68	101	3.67	9	1.35	13	6	0.77	486	21	0.35	<10	46	474	0.75	<5	7	<10	85	<5	<10	0.07	57	<10	4	179	53
A061985	<1	8.50	<10	754	12	1.54	3	22	13	19	5.53	16	1.14	<10	42	3.47	1833	3	3.00	<10	<2	22	0.82	<5	15	<10	140	9	<10	0.26	155	<10	9	157	28
A061986	<1	8.10	<10	445	11	1.28	3	20	15	35	5.13	14	0.61	<10	39	3.19	1477	<2	3.61	<10	2	20	0.70	5	14	<10	143	8	<10	0.26	142	<10	9	152	36
A061987	<1	8.25	<10	772	11	1.67	3	21	14	14	5.31	15	1.16	<10	37	2.97	1601	<2	2.95	<10	<2	21	0.63	<5	15	<10	157	7	<10	0.26	139	<10	11	157	54
A061988	<1	8.03	<10	583	10	1.81	3	19	15	8	5.27	15	1.02	<10	34	2.44	1020	<2	3.00	<10	2	20	0.06	<5	15	<10	132	8	<10	0.28	140	<10	10	119	37
A061989	<1	8.03	<10	628	10	2.02	3	17	12	7	4.71	14	1.18	<10	32	2.32	936	<2	2.88	<10	<2	20	0.07	5	15	<10	133	8	<10	0.27	143	<10	9	136	26
A061990	<1	8.67	<10	1981	11	2.46	3	12	12	14	6.00	20	3.41	<10	4	1.38	751	<2	1.61	<10	<2	27	0.10	11	22	<10	239	8	<10	0.25	118	<10	8	103	24
A061991	167	2.31	688	659	193	0.97	36	15	55	7706	8.32	5	0.94	<10	2	0.40	683	4	0.18	<10	4	2360	6.21	687	4	<10	44	<5	<10	0.03	11	<10	3	1309	11
A061992	>200	1.09	739	189	270	0.33	32	19	71	8259	8.24	2	0.46	<10	1	0.15	323	3	0.07	<10	4	2573	6.54	748	2	<10	16	<5	<10	0.02	<1	<10	1	1072	7
A061993	1	0.09	<10	17	<5	17.95	<1	1	6	37	0.42	<1	0.05	<10	1	11.01	177	2	0.02	<10	<2	2	0.60	<5	<1	<10	355	<5	<10	<0.01	2	<10	1	17	<1
A061994	137	1.75	709	319	163	0.32	29	25	92	7927	8.86	3	0.79	<10	1	0.15	324	3	0.05	<10	4	1546	7.02	584	3	<10	15	<5	<10	0.03	5	<10	2	1082	10
A061995	>200	1.89	743	349	273	0.55	33	24	83	7249	9.15	3	0.83	<10	1	0.23	641	6	0.07	<10	5	2955	7.36	762	3	<10	22	<5	10	0.03	6	<10	2	1138	9
A061996	155	3.70	647	264	429	0.68	27	16	76	7990	11.43	7	1.69	<10	1	0.31	1126	3	0.09	<10	<2	1611	9.31	656	5	<10	27	5	18	0.05	8	<10	4	934	13
A061997	170	3.17	836	328	303	0.80	31	15	81	9678	12.50	8	1.44	<10	1	0.35	1401	5	0.08	<10	<2	1322	>10.00	847	4	<10	27	6	22	0.04	<1	<10	3	1071	13
A061998	28	2.05	75	488	50	1.18	12	14	71	3393	6.05	4	0.83	<10	1	0.42	1158	3	0.10	<10	3	475	4.44	30	5	<10	38	<5	<10	0.04	22	<10	2	572	7
A061999	37	2.15	89	906	61	1.17	19	14	68	4066	6.76	4	0.87	<10	2	0.42	1149	5	0.11	<10	3	576	5.15	45	5	<10	55	<5	<10	0.04	21	<10	3	900	7

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.



SGS Canada Inc.

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0S0109RR

Date : Oct-14-10

Sample type : CORE

Metal Mountain

Project : Dome

Attention : Daryl Hanson

ICP-AES Report

Multi-Acid Digestion

Table with columns for Sample Number and elements (Ag, Al, As, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, K, La, Li, Mg, Mn, Mo, Na, Nb, Ni, Pb, S, Sb, Sc, Sn, Sr, Ta, Te, Ti, V, W, Y, Zn, Zr) and their respective concentrations in ppm or %.

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.



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

*Quality Assaying for over 35 Years*

**Assay Certificate**

**0S-0112-RA1**

Company: **Metal Mountain**  
 Project: **Dome**  
 Attn: **Daryl Hanson**

Oct-20-10

We hereby certify the following assay of 22 core samples submitted Sep-20-10

Sample Name	Au g/tonne	Ag g/tonne	Sample wt Kg
A067512	0.07	1.2	
A067513	0.40	1.8	1.7
A067514	<0.03	<0.1	
A067515	0.10	0.3	5.0
A067516	0.10	0.5	4.0
A067517	0.07	0.1	4.0
A067518	0.03	0.2	5.0
A067519	0.03	0.3	4.0
A067520	0.10	1.1	5.0
A067521	<0.03	0.3	5.0
A067522	0.03	0.5	4.0
A067523	9.60	3.0	
A067524	0.17	0.3	4.0
A067525	0.03	0.2	1.5
A067526	0.07	1.2	
A067527	0.03	1.4	5.0
A067528	0.07	0.8	4.0
A067529	<0.03	0.6	4.0
A067530	0.03	0.8	5.0
A067531	0.03	1.1	4.0
A067532	<0.03	0.3	4.0
A067533	0.03	<0.1	5.0
*DUP A067512	0.07	1.2	
*DUP A067521	0.03	0.4	
*DUP A067531	0.07	0.2	
*ACO501	8.13	229.0	
*BLANK	<0.03	<0.1	

Au, Ag F.A. Gravimetric Finish.

Certified by \_\_\_\_\_ 

*Quality Assaying for over 35 Years***Assay Certificate****0S-0112-RA2**Company: **Metal Mountain**Project: **Dome**Attn: **Daryl Hanson**

Oct-20-10

We hereby certify the following assay of 22 core samples  
submitted Sep-20-10

<b>Sample Name</b>	<b>Au g/tonne</b>	<b>Ag g/tonne</b>	<b>Sample wt Kg</b>
A067534	0.03	1.1	4.0
A067535	<0.03	0.5	
A067536	0.03	0.1	4.0
A067537	0.03	0.5	5.0
A067538	0.43	4.3	3.0
A067539	1.17	12.5	2.0
A067540	0.03	0.1	2.0
A067541	0.03	0.1	4.0
A067542	0.03	0.1	5.0
A067543	8.00	2.0	
A067544	0.03	1.7	2.0
A067545	0.03	0.1	1.0
A067546	0.03	4.4	4.0
A067547	0.03	0.4	3.0
A067548	0.03	1.0	4.0
A067549	0.03	0.6	5.0
A067550	0.03	0.5	4.0
A067551	0.03	0.2	3.0
A067552	1.40	0.7	2.0
A067553	0.33	0.8	2.0
A067554	<0.03	1.1	
A067555	1.73	1.9	1.2
*DUP A067534	0.03	0.9	
*DUP A067543	8.40	3.1	
*DUP A067553	0.50	1.0	
*AC0501	7.90	223.1	
*BLANK	<0.03	<0.1	

Au, Ag F.A. Gravimetric Finish.

Certified by \_\_\_\_\_

*Quality Assaying for over 35 Years***Assay Certificate****0S-0112-RA3**Company: **Metal Mountain**Project: **Dome**Attn: **Daryl Hanson**

Oct-20-10

We hereby certify the following assay of 22 core samples  
submitted Sep-20-10

Sample Name	Au g/tonne	Ag g/tonne	Sample wt Kg
A067556	0.20	0.3	1.6
A067557	0.07	1.3	1.1
A067558	0.23	1.9	
A067559	0.27	0.4	1.1
A067560	0.03	0.7	5.0
A067561	0.10	0.3	
A067562	10.30	2.0	5.0
A067563	0.03	0.3	4.0
A067564	0.07	0.1	5.0
A067565	0.17	0.4	5.0
A067566	0.03	<0.1	5.0
A067567	0.13	0.2	5.0
A067568	5.27	157.1	1.0
A067569	0.63	6.1	1.0
A067570	0.03	<0.1	4.0
A067571	0.40	2.7	3.0
A067572	<0.03	0.4	3.0
A067573	0.03	0.1	4.0
A067574	0.03	0.1	5.0
A067575	<0.03	0.7	1.0
A067576	0.03	0.3	4.0
A067577	<0.03	1.0	4.0
*DUP A067556	0.23	0.3	
*DUP A067565	0.20	<0.1	
*DUP A067575	<0.03	<0.1	
*AC0501	8.17	224.7	
*BLANK	<0.03	<0.1	

Au, Ag F.A. Gravimetric Finish.

Certified by \_\_\_\_\_



*Quality Assaying for over 35 Years*

## Assay Certificate

0S-0112-RA4

Company: **Metal Mountain**

Oct-20-10

Project: **Dome**

Attn: **Daryl Hanson**

We hereby certify the following assay of 22 core samples submitted Sep-20-10

Sample Name	Au g/tonne	Ag g/tonne	Sample wt Kg
A067578	0.03	1.4	4.0
A067579	0.03	1.0	3.0
A067580	0.07	1.0	1.1
A067581	7.23	8.6	1.0
A067582	8.33	3.4	
A067583	1.03	1.3	1.0
A067584	0.37	0.6	1.3
A067585	0.27	0.6	5.0
A067586	0.07	0.2	3.0
A067587	<0.03	0.7	5.0
A067588	0.07	1.0	4.0
A067589	0.03	0.6	5.0
A067590	<0.03	0.4	5.0
A067591	0.03	0.4	4.0
A067592	<0.03	0.4	4.0
A067593	<0.03	0.3	5.0
A067594	0.03	0.7	4.0
A067595	0.03	<0.1	4.0
A067596	<0.03	0.4	1.0
A067597	<0.03	0.8	5.0
A067598	0.07	1.0	5.0
A067599	<0.03	0.2	5.0
*DUP A067578	0.03	0.8	
*DUP A067587	0.03	0.8	
*DUP A067597	0.03	0.1	
*AC0501	8.67	233.2	
*BLANK	<0.03	<0.1	

Au, Ag F.A. Gravimetric Finish.

Certified by \_\_\_\_\_



*Quality Assaying for over 35 Years***Assay Certificate****0S-0112-RA5**Company: **Metal Mountain**

Oct-20-10

Project: **Dome**Attn: **Daryl Hanson**

We hereby certify the following assay of 22 core samples  
submitted Sep-20-10

Sample Name	Au g/tonne	Ag g/tonne	Sample wt Kg
A067600	<0.03	1.0	4.0
A067601	<0.03	0.3	5.0
A067602	0.20	1.1	5.0
A067603	2.87	4.1	2.0
A067604	0.03	0.0	5.0
A067605	0.03	0.8	5.0
A067606	11.67	3.6	
A067607	0.03	0.1	5.0
A067608	0.03	0.5	4.0
A067609	0.20	18.8	1.0
A067610	20.23	104.0	3.0
A067611	1.57	106.7	2.0
A067612	3.67	52.8	3.0
A067613	3.90	4.0	3.0
A067614	0.93	30.6	
A067615	0.10	1.0	3.5
A067616	<0.03	0.9	3.0
A067617	<0.03	0.4	1.0
A067618	<0.03	0.2	5.0
A067619	<0.03	0.7	4.0
A067620	0.20	0.8	4.0
A067621	0.07	1.0	5.0
*DUP A067600	0.03	0.4	
*DUP A067609	0.20	18.4	
*DUP A067619	<0.03	0.2	
*AC0501	8.43	219.3	
*BLANK	<0.03	<0.1	

Au, Ag F.A. Gravimetric Finish.

Certified by



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

*Quality Assaying for over 35 Years*

**Assay Certificate**

**0S-0112-RA6**

Company: **Metal Mountain**  
 Project: **Dome**  
 Attn: **Daryl Hanson**

**Oct-20-10**

We hereby certify the following assay of 11 core samples submitted Sep-20-10

Sample Name	Au g/tonne	Ag g/tonne	Sample wt Kg	Zn %
A067622	0.07	0.9	2.0	
A067623	11.00	136.2	3.0	1.97
A067624	8.27	3.1		
A067625	2.97	12.2	2.0	
A067626	0.43	3.9	3.0	
A067627	0.03	0.3	3.0	
A067628	0.03	0.5	6.0	
A067629	0.07	0.2	4.0	
A067630	0.30	8.9	1.0	
A067631	0.13	3.8	4.0	
A067632	0.03	0.1	5.0	
*DUP A067622	0.10	0.4		
*DUP A067631	0.13	5.1		
*AC0501	8.47			
*ME-3		264.4		0.84
*BLANK	<0.03	<0.1		<0.01

Au, Ag F.A. Gravimetric Finish. Zn 4-acid digest AA Finish.

Certified by \_\_\_\_\_ 



SGS Canada Inc.  
8282 Sherbrooke Street  
Vancouver, British Columbia V5X 4R6  
T: (604) 327-3436 F: (604) 327-3423

## CERTIFICATE OF ANALYSIS

0S-0112-RM1

Company: **Metal Mountain**  
Project: **Dome**  
Attn: **Daryl Hanson**

Oct-20-10

We hereby certify the following analysis of 5 core samples  
submitted Sep-20-10

Sample Name	Wt Total g	Wt +150 g	+150 Au mg	-150 Au g/tonne	Metallic Au g/tonne	Net Au g/tonne
A067539	486.5	17.5	0.021	1.21	0.04	1.21
A067568	531.7	26.3	0.115	4.23	0.22	4.24
A067569	514.1	20.1	0.012	0.71	0.02	0.70
A067611	503.5	24.6	0.020	1.38	0.04	1.35
A067614	406.8	16.8	0.007	0.62	0.02	0.61

Certified by



**SGS Canada Inc.**

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0S0112RR

Date : Oct-20-10

Sample type : CORE

**Metal Mountain**

Project : Dome

Attention : Daryl Hanson

**ICP-AES Report**

Multi-Acid Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
A067512	<1	7.68	11	753	<5	4.25	<1	15	17	453	4.88	20	2.15	<10	2	0.63	1538	2	1.20	<10	<2	<2	0.45	5	18	<10	140	14	<10	0.39	184	<10	8	54	21
A067513	<1	8.10	10	971	<5	1.42	<1	13	29	8	4.20	25	1.28	<10	<1	1.70	1372	<2	3.74	<10	<2	<2	0.85	7	17	<10	116	13	<10	0.32	184	<10	6	99	21
A067514	<1	0.11	<10	18	<5	20.39	<1	1	6	6	0.38	15	0.05	<10	<1	11.46	191	3	0.03	<10	<2	2	0.14	<5	<1	<10	342	<5	<10	<0.01	5	<10	1	13	1
A067515	<1	7.95	<10	814	<5	3.12	<1	13	21	6	4.51	25	1.43	<10	12	2.45	2435	<2	2.54	<10	<2	<2	0.53	5	14	<10	184	16	<10	0.31	137	<10	9	119	26
A067516	<1	7.28	<10	704	<5	2.22	<1	12	22	4	4.14	23	0.90	<10	6	1.96	1855	<2	3.19	<10	<2	<2	1.10	<5	12	<10	153	13	<10	0.26	127	<10	7	97	19
A067517	<1	8.09	<10	610	<5	1.92	<1	16	22	3	4.57	26	1.05	<10	16	2.67	1954	<2	3.13	<10	<2	<2	1.02	<5	15	<10	155	15	<10	0.33	160	<10	8	144	31
A067518	<1	7.94	<10	599	<5	1.78	<1	15	28	3	4.62	25	0.86	<10	20	2.68	1626	<2	2.93	<10	<2	<2	0.66	<5	14	<10	160	15	<10	0.27	174	<10	7	160	29
A067519	<1	7.22	<10	1297	<5	3.03	<1	13	24	4	4.11	24	1.45	<10	11	2.37	2329	<2	2.04	<10	<2	<2	0.81	<5	13	<10	172	13	<10	0.25	153	<10	8	117	26
A067520	<1	7.45	10	1731	<5	2.85	<1	14	24	7	4.61	24	1.12	<10	15	2.43	2307	<2	2.46	<10	<2	<2	1.07	<5	13	<10	191	13	<10	0.26	165	<10	7	143	21
A067521	<1	7.90	<10	746	<5	2.18	<1	14	20	5	4.44	24	1.09	<10	20	2.22	1441	<2	2.61	<10	<2	3	0.02	<5	14	<10	150	14	<10	0.29	147	<10	8	143	25
A067522	<1	7.64	11	570	<5	2.14	<1	14	21	1	4.33	24	0.58	<10	21	2.20	1142	<2	3.18	<10	<2	<2	0.02	<5	13	<10	145	14	<10	0.30	140	<10	7	111	23
A067523	2	3.39	>10000	293	6	1.73	<1	15	99	77	3.47	15	1.40	13	<1	0.72	524	18	0.36	<10	45	684	0.85	5	7	<10	82	8	<10	0.09	68	<10	4	180	58
A067524	<1	8.23	22	500	<5	1.84	<1	15	22	17	4.58	27	0.78	<10	30	2.78	1351	<2	3.06	<10	<2	<2	0.16	<5	15	<10	112	14	<10	0.36	157	<10	9	150	29
A067525	<1	7.65	61	727	<5	4.10	<1	12	30	18	3.83	21	1.88	<10	4	0.77	878	<2	2.29	<10	<2	3	1.24	5	12	<10	276	11	<10	0.29	123	<10	9	62	29
A067526	<1	8.69	13	716	<5	2.95	<1	7	18	12	2.89	20	2.30	<10	<1	0.73	1191	<2	3.30	<10	<2	12	1.08	<5	12	<10	241	10	<10	0.29	116	<10	11	63	77
A067527	<1	8.57	12	1013	<5	4.11	<1	7	15	289	2.79	22	3.17	<10	<1	0.77	980	<2	1.78	<10	<2	<2	0.09	7	12	<10	222	10	<10	0.25	90	<10	9	64	49
A067528	<1	8.47	14	984	<5	3.40	<1	6	15	48	2.93	19	2.85	<10	<1	0.51	1155	<2	2.14	<10	<2	9	1.26	6	12	<10	176	9	<10	0.28	73	<10	9	46	55
A067529	<1	7.79	<10	1494	<5	4.42	<1	6	14	6	3.11	20	2.45	<10	<1	0.90	1152	2	2.04	<10	<2	2	0.22	7	11	<10	272	11	<10	0.25	51	<10	8	79	37
A067530	<1	8.67	12	1838	<5	2.36	<1	6	18	23	3.07	21	2.47	<10	<1	0.68	984	<2	3.07	<10	<2	<2	0.49	7	12	<10	244	10	<10	0.26	104	<10	9	103	64
A067531	<1	8.49	25	2061	<5	2.90	<1	6	24	29	3.12	21	2.54	<10	<1	0.86	1261	<2	2.91	<10	<2	2	0.64	8	12	<10	271	11	<10	0.22	99	<10	9	88	54
A067532	<1	8.66	12	2681	<5	3.22	<1	9	23	16	3.62	23	2.75	<10	<1	1.30	1474	<2	2.54	<10	<2	3	0.38	9	13	<10	337	12	<10	0.24	93	<10	6	172	33
A067533	<1	8.82	11	1706	<5	2.21	<1	10	16	2	3.56	22	2.21	<10	<1	1.18	1221	2	3.56	<10	<2	<2	0.04	6	14	<10	341	11	<10	0.32	107	<10	6	181	36
A067534	1	9.70	<10	3938	19	3.41	5	10	17	151	4.72	21	2.75	<10	4	1.47	1308	<2	3.34	<10	<2	21	0.44	17	16	<10	357	8	<10	0.33	111	<10	8	196	29
A067535	<1	0.12	<10	37	<5	23.55	<1	1	7	<1	0.46	1	0.06	<10	<1	12.74	215	<2	0.03	<10	<2	<2	0.68	<5	<1	<10	422	<5	<10	<0.01	3	<10	1	12	1
A067536	<1	9.87	<10	3603	9	3.16	5	11	17	<1	4.83	19	2.66	<10	2	1.21	1263	<2	3.59	<10	<2	17	0.15	6	16	<10	407	8	<10	0.35	136	<10	8	181	29
A067537	<1	10.05	<10	3078	8	3.67	5	11	13	<1	4.67	21	3.13	<10	3	1.24	1486	<2	2.84	<10	<2	16	0.13	6	16	<10	321	9	<10	0.35	139	10	9	198	32
A067538	5	9.14	<10	5843	17	3.43	8	9	29	365	5.42	18	4.12	<10	3	1.25	2017	<2	0.75	<10	<2	169	1.90	13	15	<10	321	7	<10	0.27	103	13	7	286	27
A067539	15	7.18	55	877	38	3.60	13	26	61	1112	9.52	19	3.26	<10	1	1.21	4420	3	0.24	<10	4	490	6.84	12	16	<10	88	6	<10	0.22	133	33	9	336	41
A067540	2	7.98	<10	2669	13	5.33	5	19	35	65	5.54	15	3.69	<10	<1	1.61	5873	<2	0.27	<10	6	7	2.10	8	20	<10	96	6	<10	0.33	146	19	13	110	62
A067541	1	8.48	30	3776	13	6.25	5	12	25	64	5.44	17	3.62	<10	1	1.14	3162	<2	0.90	<10	2	12	1.48	8	20	<10	142	6	<10	0.36	173	12	11	110	50

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.



**SGS Canada Inc.**

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0S0112RR

Date : Oct-20-10

Sample type : CORE

**Metal Mountain**

Project : Dome

Attention : Daryl Hanson

**ICP-AES Report**

Multi-Acid Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
A067542	1	7.34	26	>10000	9	8.93	4	<1	23	139	5.05	15	3.29	<10	<1	0.87	2963	<2	0.19	<10	5	34	1.67	6	18	<10	636	6	<10	0.30	168	<10	10	104	34
A067543	3	4.01	>10000	371	21	2.30	3	21	70	114	4.68	12	1.21	10	7	0.87	692	24	0.89	<10	58	856	1.03	<5	10	<10	116	<5	<10	0.13	83	<10	8	250	58
A067544	3	7.96	18	>10000	14	9.71	6	<1	17	257	5.77	17	3.50	<10	1	0.69	2563	<2	0.44	<10	4	142	1.30	11	20	<10	438	6	<10	0.37	266	<10	12	234	42
A067545	<1	10.12	<10	800	18	2.34	5	33	33	<1	8.03	21	1.96	<10	28	3.58	2406	<2	2.49	<10	10	12	1.22	<5	34	<10	141	6	<10	0.43	299	<10	7	296	28
A067546	6	8.38	<10	751	30	4.53	5	28	37	58	7.08	16	1.57	<10	15	2.69	2838	<2	2.75	<10	8	41	2.39	<5	25	<10	221	7	<10	0.36	214	<10	9	327	41
A067547	1	9.27	<10	684	17	3.78	4	29	29	19	7.37	17	1.56	<10	20	3.06	2288	<2	2.87	<10	8	<2	1.15	<5	29	<10	192	7	<10	0.41	250	<10	11	375	46
A067548	2	8.51	<10	1280	21	3.58	4	26	53	11	6.71	16	2.30	<10	13	2.10	1989	<2	2.03	<10	8	27	3.13	<5	26	<10	206	8	<10	0.36	248	12	8	237	39
A067549	2	8.81	<10	1188	22	4.69	5	28	47	49	7.03	17	2.40	<10	11	1.85	2221	<2	2.31	<10	8	20	4.00	<5	26	<10	249	7	<10	0.36	271	15	10	194	41
A067550	1	9.38	<10	1349	17	4.24	5	32	30	22	7.23	17	1.97	<10	16	2.61	2589	<2	2.77	<10	9	8	2.41	<5	30	<10	308	7	<10	0.40	289	10	10	306	47
A067551	1	9.00	<10	789	17	4.31	5	29	25	<1	6.89	16	1.19	<10	21	3.12	2951	<2	3.22	<10	8	2	1.15	<5	27	<10	313	6	<10	0.39	244	<10	11	303	50
A067552	1	7.69	31	547	12	4.99	22	21	28	334	5.26	16	1.86	<10	21	0.94	2030	<2	1.37	<10	3	<2	1.17	<5	17	<10	193	5	<10	0.34	171	<10	13	988	57
A067553	<1	8.16	30	522	13	4.10	8	30	32	66	6.38	15	1.62	<10	28	1.26	2077	<2	1.63	<10	3	<2	0.90	<5	19	<10	176	6	<10	0.35	184	<10	12	344	55
A067554	<1	0.21	<10	33	<5	22.29	<1	1	9	<1	0.46	<1	0.08	<10	2	12.65	220	<2	0.02	<10	2	<2	0.63	<5	<1	<10	281	<5	<10	<0.01	4	<10	1	14	1
A067555	1	8.03	47	812	13	4.70	5	12	33	401	5.54	19	1.60	<10	12	0.36	1498	3	2.65	<10	2	<2	1.02	5	21	<10	224	5	<10	0.36	212	<10	9	99	37
A067556	1	8.30	13	852	19	3.30	4	15	26	16	5.28	15	1.84	<10	21	2.20	2755	<2	2.59	<10	2	<2	1.08	<5	22	<10	123	6	<10	0.36	191	<10	10	111	48
A067557	<1	8.63	<10	1517	12	1.81	4	13	35	5	4.67	15	1.91	<10	14	1.74	1457	<2	3.08	<10	3	5	0.64	5	18	<10	144	6	<10	0.35	175	<10	9	89	44
A067558	2	7.55	16	826	11	3.56	3	11	35	11	4.62	16	3.04	<10	5	1.51	3561	<2	0.66	<10	2	<2	1.63	<5	16	<10	119	5	<10	0.30	143	<10	9	32	37
A067559	1	7.37	40	1109	10	4.09	4	12	39	56	4.67	16	3.08	<10	3	1.55	3705	<2	0.53	<10	3	<2	1.74	<5	14	<10	121	5	<10	0.27	115	<10	10	67	47
A067560	1	8.02	17	1048	10	4.34	3	14	30	6	4.99	18	2.45	<10	9	1.82	2686	<2	1.72	<10	<2	<2	1.23	<5	16	<10	175	6	<10	0.34	149	<10	13	71	77
A067561	<1	7.92	<10	1130	10	3.87	3	13	28	<1	4.86	16	2.58	<10	6	1.69	1491	<2	1.70	<10	2	3	0.64	<5	15	<10	141	6	<10	0.34	149	<10	11	54	45
A067562	3	3.93	>10000	351	18	1.95	2	16	167	82	3.97	13	1.53	14	5	0.85	543	17	0.41	<10	51	678	0.85	<5	8	<10	97	<5	<10	0.12	66	<10	5	186	63
A067563	<1	8.43	12	845	10	3.91	3	13	23	<1	4.52	18	2.85	<10	4	1.65	1243	<2	1.60	<10	<2	4	0.23	5	17	<10	151	6	<10	0.36	155	<10	14	69	77
A067564	1	7.54	35	2348	9	4.89	3	14	29	42	4.72	16	2.90	<10	4	1.95	2747	<2	0.82	<10	2	<2	0.79	8	14	<10	170	5	<10	0.30	136	<10	12	78	61
A067565	1	7.91	15	4075	10	4.17	3	9	26	4	4.89	15	3.07	<10	2	1.67	2755	<2	0.94	<10	<2	<2	1.07	7	15	<10	278	5	<10	0.33	146	<10	13	59	69
A067566	1	7.33	12	1753	8	4.41	3	9	36	3	4.36	16	3.15	<10	2	1.63	3034	<2	0.24	<10	2	<2	1.10	5	13	<10	118	5	<10	0.31	124	<10	13	103	60
A067567	1	7.90	24	2801	11	3.91	5	13	42	31	4.76	21	3.45	<10	2	1.48	2639	<2	0.28	<10	4	11	2.08	6	15	<10	129	6	<10	0.24	134	<10	10	154	40
A067568	154	2.63	172	589	645	1.89	31	20	79	7188	8.19	6	1.08	<10	<1	0.68	1426	9	0.11	<10	7	2352	6.24	493	5	<10	49	<5	19	0.07	36	28	3	1161	16
A067569	7	3.91	84	865	13	2.41	3	7	120	374	3.37	10	1.67	<10	<1	0.83	3335	2	0.14	<10	3	65	1.94	121	12	<10	50	<5	<10	0.15	99	31	5	97	24
A067570	1	8.87	<10	2735	9	5.16	6	12	24	101	4.37	17	3.81	<10	2	1.91	2784	<2	0.32	<10	<2	12	1.01	5	17	<10	125	8	<10	0.35	127	<10	12	316	46
A067571	5	11.08	<10	3249	12	4.23	6	10	23	1511	4.32	27	4.73	<10	3	1.50	2107	<2	0.45	<10	<2	20	1.05	17	21	<10	133	9	<10	0.44	166	<10	19	273	95

A. 2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.



SGS Canada Inc.

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0S0112RR

Date : Oct-20-10

Sample type : CORE

Metal Mountain

Project : Dome

Attention : Daryl Hanson

ICP-AES Report

Multi-Acid Digestion

Table with columns for Sample Number and various elements (Ag, Al, As, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, K, La, Li, Mg, Mn, Mo, Na, Nb, Ni, Pb, S, Sb, Sc, Sn, Sr, Ta, Te, Ti, V, W, Y, Zn, Zr) with their respective concentrations in ppm or %.

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.

Signed: [Signature]



**SGS Canada Inc.**

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0S0112RR

Date : Oct-20-10

Sample type : CORE

**Metal Mountain**

Project : Dome

Attention : Daryl Hanson

**ICP-AES Report**

Multi-Acid Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca % ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe % ppm	Ga ppm	K % ppm	La ppm	Li ppm	Mg % ppm	Mn ppm	Mo ppm	Na % ppm	Nb ppm	Ni ppm	Pb ppm	S % ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti % ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
A067602	2	7.85	11	836	11	4.47	4	16	17	14	5.29	16	2.60	<10	16	1.67	4068	<2	1.11	<10	<2	<2	1.64	<5	13	<10	121	6	<10	0.30	128	<10	13	83	57
A067603	6	7.39	51	777	20	4.70	6	19	29	731	7.10	16	2.20	<10	12	1.16	4281	<2	1.03	<10	<2	61	3.74	15	12	<10	178	7	<10	0.29	107	<10	14	126	76
A067604	1	7.36	<10	1221	10	4.14	4	13	16	<1	4.86	17	2.72	<10	8	0.95	2777	<2	1.18	<10	<2	4	0.96	5	14	<10	197	7	<10	0.30	120	<10	9	109	23
A067605	1	6.35	<10	1522	8	3.66	4	11	30	<1	4.44	17	2.44	<10	6	0.94	1891	<2	1.61	<10	2	2	0.43	<5	12	<10	183	5	<10	0.24	115	<10	8	128	47
A067606	2	3.60	>10000	384	20	2.04	3	17	131	80	4.34	14	1.53	14	5	0.88	589	17	0.39	<10	54	747	0.92	<5	8	<10	97	<5	<10	0.09	69	<10	5	218	66
A067607	<1	7.97	10	2533	9	3.42	5	12	31	<1	4.52	17	2.77	<10	5	1.10	1083	<2	1.46	<10	3	11	0.13	<5	15	<10	200	7	<10	0.21	101	<10	9	149	45
A067608	1	8.32	<10	2623	11	4.06	5	15	24	69	5.41	16	2.58	<10	6	1.58	2227	<2	2.18	<10	<2	2	0.36	6	20	<10	262	7	<10	0.31	162	<10	11	171	47
A067609	19	5.96	108	1171	49	3.71	14	14	61	2379	5.88	14	2.69	<10	<1	1.29	2723	<2	0.18	<10	3	250	3.32	86	14	<10	110	5	<10	0.18	106	17	6	426	34
A067610	112	4.38	524	718	345	1.47	40	16	66	9056	9.12	10	1.89	<10	<1	0.55	1208	5	0.19	<10	3	591	7.40	1200	7	<10	53	5	13	0.09	44	<10	5	1146	32
A067611	112	3.44	697	503	151	0.96	50	22	77	6924	10.67	8	1.48	<10	<1	0.32	726	6	0.13	<10	6	365	8.62	2189	5	<10	35	<5	10	0.08	33	<10	4	1639	28
A067612	54	0.25	169	42	28	0.68	21	2	103	2878	2.42	1	0.09	<10	<1	0.19	533	2	0.03	<10	3	108	1.71	830	1	<10	12	<5	<10	0.01	2	<10	1	829	3
A067613	4	0.26	16	44	6	0.45	1	1	160	142	0.75	1	0.10	<10	<1	0.14	470	2	0.03	<10	4	71	0.26	20	1	<10	9	<5	<10	0.01	5	<10	<1	55	1
A067614	34	0.78	19	163	78	1.31	4	6	134	982	6.89	2	0.33	<10	<1	0.39	1243	35	0.03	<10	4	746	5.43	19	1	<10	24	<5	10	0.02	11	<10	2	86	7
A067615	2	8.68	<10	2059	16	3.64	6	20	43	84	5.86	18	3.60	<10	4	1.10	2660	<2	0.67	<10	<2	31	2.25	6	18	<10	92	8	<10	0.27	137	15	11	222	49
A067616	<1	7.91	<10	4698	11	4.21	5	19	28	2	6.15	14	1.47	<10	12	1.54	2077	<2	3.17	<10	2	5	0.22	5	20	<10	257	7	<10	0.32	155	<10	11	430	41
A067617	<1	9.12	<10	762	14	2.85	5	22	22	22	6.08	19	0.76	<10	24	1.99	1276	<2	4.54	<10	3	5	0.30	<5	16	<10	188	9	<10	0.30	155	<10	10	101	36
A067618	1	8.49	<10	7926	15	3.08	5	17	27	21	6.93	16	1.40	<10	18	1.48	1953	<2	3.51	<10	2	5	0.86	7	22	<10	437	8	<10	0.37	193	<10	12	429	55
A067619	<1	9.06	<10	3054	15	3.10	5	25	20	13	6.83	20	1.72	<10	23	1.70	2266	<2	3.39	<10	<2	9	0.74	8	24	<10	215	9	<10	0.35	195	<10	9	293	29
A067620	1	8.60	<10	4010	15	4.15	6	17	22	51	6.92	18	2.22	<10	17	1.77	2379	<2	2.66	<10	<2	17	1.00	16	22	<10	219	7	<10	0.34	146	<10	12	255	44
A067621	<1	9.93	<10	2961	8	3.72	5	8	21	47	4.13	21	3.75	<10	6	1.62	1644	<2	1.79	<10	<2	14	0.49	5	15	<10	327	7	<10	0.27	163	<10	12	124	61
A067622	2	8.73	<10	1592	8	4.42	8	9	15	140	3.90	24	4.05	<10	2	1.58	2284	<2	1.22	<10	<2	129	0.47	8	14	<10	145	7	<10	0.29	97	<10	13	328	66
A067623	133	0.73	383	132	86	0.66	398	5	110	6003	4.39	2	0.33	<10	<1	0.20	665	11	0.04	<10	3	9279	4.26	914	1	<10	12	<5	<10	0.02	2	<10	1	>10000	6
A067624	3	3.61	>10000	306	19	2.05	3	19	83	108	4.21	14	1.15	<10	7	0.80	612	22	0.84	<10	53	786	0.93	5	9	<10	107	<5	<10	0.12	74	<10	7	235	50
A067625	13	6.94	60	1670	22	1.99	96	13	33	1470	5.41	23	4.03	<10	<1	0.72	2058	<2	0.33	<10	<2	1731	3.52	23	15	<10	58	5	<10	0.28	118	18	8	5202	41
A067626	5	7.83	25	2785	6	3.81	6	18	30	144	6.49	19	3.58	<10	9	1.55	4111	2	0.30	<10	2	84	2.00	13	26	<10	135	6	<10	0.37	192	138	9	312	33
A067627	1	8.36	<10	2249	10	4.37	5	12	14	15	5.32	20	3.34	<10	14	2.24	4630	<2	0.62	<10	<2	5	0.54	8	21	<10	744	6	<10	0.33	180	<10	11	266	47
A067628	1	8.05	<10	1545	11	3.82	4	18	14	<1	5.54	18	2.75	<10	16	2.22	3375	<2	1.15	<10	<2	<2	0.24	6	26	<10	800	7	<10	0.38	202	<10	10	419	34
A067629	1	8.86	<10	4998	13	5.08	6	12	12	5	5.72	20	3.67	<10	14	2.36	4531	<2	0.44	<10	2	9	0.88	8	28	<10	366	7	<10	0.37	236	<10	11	362	43
A067630	10	7.13	50	1459	31	2.75	7	15	43	3113	7.16	19	3.16	<10	9	1.44	4750	<2	0.23	<10	2	25	3.70	13	20	<10	61	6	<10	0.23	172	12	7	318	25
A067631	6	7.58	15	5755	15	3.81	13	7	21	703	5.51	17	3.22	<10	7	1.45	2769	<2	1.11	<10	2	85	1.68	10	16	<10	221	6	<10	0.34	131	25	8	551	26

A 2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.



**SGS Canada Inc.**

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0S0112RR

Date : Oct-20-10

Sample type : CORE

**Metal Mountain**

Project : Dome

Attention : Daryl Hanson

**ICP-AES Report**

Multi-Acid Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
A067632	1	8.23	<10	9657	12	6.06	4	4	19	61	5.58	21	2.98	<10	8	0.85	1636	<2	1.40	<10	4	16	0.99	<5	19	<10	326	6	<10	0.37	163	<10	15	130	61
<b>Duplicates:</b>																																			
A067512	<1	7.61	10	751	<5	4.22	<1	15	29	453	4.76	20	2.12	<10	2	0.61	1640	<2	1.21	<10	<2	<2	0.46	<5	18	<10	135	13	<10	0.38	191	<10	8	54	23
A067521	<1	8.01	<10	789	<5	2.22	<1	15	25	4	4.50	25	1.11	<10	20	2.26	1449	<2	2.67	<10	3	<2	0.02	<5	15	<10	149	13	<10	0.35	162	<10	8	138	32
A067531	<1	8.47	26	2014	<5	2.90	<1	6	21	30	3.13	21	2.50	<10	<1	0.87	1235	<2	2.84	<10	<2	3	0.61	7	12	<10	270	10	<10	0.26	98	<10	10	88	57
A067534	1	9.94	12	3808	17	3.35	5	10	15	146	4.68	21	2.66	<10	4	1.45	1253	<2	3.29	<10	<2	18	0.42	15	16	<10	358	8	<10	0.31	111	<10	10	183	39
A067543	3	3.96	>10000	342	20	2.19	3	21	61	109	4.38	12	1.18	10	7	0.85	656	23	0.88	<10	56	845	0.99	5	10	<10	112	<5	<10	0.14	80	<10	8	234	57
A067553	<1	8.09	39	518	15	4.16	8	32	31	69	6.49	14	1.60	<10	28	1.26	2108	<2	1.63	<10	4	<2	0.96	<5	19	<10	176	6	<10	0.36	183	<10	13	354	59
A067556	1	8.53	14	892	12	3.36	4	16	30	11	5.42	16	1.87	<10	21	2.29	2923	<2	2.61	<10	<2	<2	1.12	<5	23	<10	124	8	<10	0.36	198	<10	11	121	53
A067565	1	7.79	<10	4529	10	4.81	4	11	29	5	5.11	13	3.01	<10	1	1.76	3017	<2	0.89	<10	2	2	1.14	7	16	<10	267	8	<10	0.32	154	<10	13	79	64
A067575	<1	9.30	<10	216	11	2.15	4	20	24	13	5.89	14	0.11	<10	38	1.85	1092	<2	5.47	<10	2	8	0.25	<5	16	<10	208	8	<10	0.30	148	<10	10	84	34
A067578	1	9.35	<10	2777	14	3.27	4	14	18	1	5.85	20	1.71	<10	15	1.19	1914	<2	3.59	<10	<2	31	1.75	<5	20	<10	255	8	<10	0.44	158	<10	19	267	101
A067587	<1	8.70	<10	775	11	2.77	4	15	20	<1	5.16	17	1.95	<10	27	2.44	1904	<2	2.55	<10	<2	9	1.20	<5	16	<10	143	8	<10	0.32	143	<10	11	162	57
A067597	<1	8.66	<10	981	11	3.01	3	16	21	2	4.74	19	1.66	<10	23	2.17	1517	<2	3.00	<10	<2	8	1.01	<5	15	<10	126	7	<10	0.27	155	<10	9	113	28
A067600	<1	8.75	<10	969	11	2.87	4	17	24	1	5.14	17	1.92	<10	26	2.19	2002	<2	2.45	<10	<2	5	1.06	<5	15	<10	112	7	<10	0.34	162	<10	13	158	64
A067609	19	6.03	103	1154	48	3.60	14	14	67	2384	5.75	14	2.70	<10	<1	1.26	2655	<2	0.17	<10	4	237	3.23	77	14	<10	111	6	<10	0.18	106	17	6	417	31
A067619	1	9.44	<10	2921	15	2.96	5	23	27	22	6.72	20	1.77	<10	25	1.68	2199	<2	3.51	<10	<2	8	0.72	11	23	<10	215	6	<10	0.38	190	<10	12	269	49
A067622	1	8.85	<10	1589	6	4.34	9	11	13	140	3.81	23	4.13	<10	2	1.61	2332	<2	1.27	<10	<2	137	0.48	9	14	<10	147	7	<10	0.28	101	<10	11	333	42
A067631	6	7.51	19	5581	15	3.88	13	8	20	718	5.48	16	3.23	<10	7	1.46	2791	<2	1.09	<10	2	85	1.63	9	17	<10	221	5	<10	0.35	134	25	8	568	22
<b>Standards:</b>																																			
Blank	<1	<0.01	<10	<10	<5	<0.01	<1	<1	<1	<1	<0.01	<1	<0.01	<10	<1	<0.01	<5	<2	<0.01	<10	<2	<2	<0.01	<5	<1	<10	<1	<5	<10	<0.01	<1	<10	<1	<1	<1
CH-4	3	7.96	<10	530	11	2.08	5	26	97	2126	5.46	19	1.86	16	11	1.51	522	<2	3.29	<10	56	16	0.70	<5	12	<10	214	7	<10	0.30	95	<10	11	220	133

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.

Signed: 





SGS Canada Inc.  
8282 Sherbrooke Street  
Vancouver, British Columbia V5X 4R6  
T: (604) 327-3436 F: (604) 327-3423

## CERTIFICATE OF ANALYSIS

0S-0113-RA1

Company: **Metal Mountain**  
Project: **Dome**  
Attn: **Daryl Hanson**

Nov-15-10

We hereby certify the following assay of 22 core samples  
submitted Sep-23-10

Sample Name	Au g/tonne	Ag g/tonne	Sample-wt kg
A067633	0.33	0.8	3.0
A067634	<0.03	0.8	1.0
A067635	0.27	1.1	1.0
A067636	1.07	0.7	2.0
A067637	0.07	1.0	2.0
A067638	0.80	0.3	0.9
A067639	0.03	0.8	4.0
A067640	0.03	0.7	4.0
A067641	0.63	1.2	2.0
A067642	0.37	0.6	2.0
A067643	11.20	2.7	0.1
A067644	0.17	2.5	3.0
A067645	0.10	0.8	2.0
A067646	0.50	0.8	3.0
A067647	0.17	0.3	1.0
A067648	0.03	1.2	3.0
A067649	0.03	0.7	4.0
A067650	<0.03	0.5	2.0
A067651	<0.03	0.9	2.0
A067652	0.03	1.1	3.0
A067653	0.10	0.5	4.0
A067654	0.03	0.8	2.0
*DUP A067633	0.33	0.6	
*DUP A067642	0.33	0.3	
*DUP A067652	<0.03	1.4	
*AC0501	8.23	241.4	
*BLANK	<0.03	<0.1	

Au,Ag F.A. Grav. finish

Certified by \_\_\_\_\_



SGS Canada Inc.  
8282 Sherbrooke Street  
Vancouver, British Columbia V5X 4R6  
T: (604) 327-3436 F: (604) 327-3423

## CERTIFICATE OF ANALYSIS

0S-0113-RA2

Company: **Metal Mountain**  
Project: **Dome**  
Attn: **Daryl Hanson**

Nov-15-10

We hereby certify the following assay of 22 core samples  
submitted Sep-23-10

Sample Name	Au g/tonne	Ag g/tonne	Sample-wt kg
A067655	0.03	2.1	2.0
A067656	0.03	0.4	1.0
A067657	<0.03	0.2	1.5
A067658	0.20	0.6	2.0
A067659	0.03	0.8	2.0
A067660	0.10	0.3	4.0
A067661	0.60	3.4	3.0
A067662	<0.03	<0.1	2.5
A067663	8.07	2.4	0.1
A067664	0.03	1.2	3.0
A067665	0.03	1.4	1.0
A067666	<0.03	0.1	3.0
A067667	0.03	1.1	4.0
A067668	<0.03	6.0	1.0
A067669	0.50	9.9	0.9
A067670	<0.03	1.6	1.5
A067671	0.07	1.4	1.0
A067672	<0.03	0.5	3.0
A067673	<0.03	1.1	1.0
A067674	<0.03	0.8	1.0
A067675	0.03	0.5	1.0
A067676	0.73	1.5	0.6
*DUP A067655	<0.03	1.0	
*DUP A067664	0.03	0.1	
*DUP A067674	<0.03	0.4	
*AC0501	8.40	209.2	
*BLANK	<0.03	<0.1	

Au,Ag F.A. Grav. finish

Certified by



SGS Canada Inc.  
8282 Sherbrooke Street  
Vancouver, British Columbia V5X 4R6  
T: (604) 327-3436 F: (604) 327-3423

## CERTIFICATE OF ANALYSIS

0S-0113-RA3

Company: **Metal Mountain**  
Project: **Dome**  
Attn: **Daryl Hanson**

Nov-15-10

We hereby certify the following assay of 22 core samples  
submitted Sep-23-10

Sample Name	Au g/tonne	Ag g/tonne	Sample-wt kg
A067677	5.77	1.6	1.1
A067678	0.13	0.5	2.0
A067679	0.03	0.6	2.0
A067680	0.23	0.4	1.0
A067681	0.07	1.6	4.5
A067682	0.03	0.9	4.0
A067683	0.13	0.4	4.0
A067684	11.03	2.7	0.1
A067685	0.03	0.5	3.0
A067686	0.10	0.1	3.5
A067687	<0.03	1.1	1.1
A067688	0.13	0.4	1.2
A067689	0.27	10.2	1.0
A067690	0.53	34.7	0.7
A067691	0.20	4.0	2.0
A067692	0.03	7.2	1.0
A067693	0.03	0.8	3.0
A067694	3.03	12.1	1.0
A067695	<0.03	0.5	2.0
A067696	0.83	15.5	1.0
A067697	0.40	3.7	2.0
A067698	0.13	4.6	2.0
*DUP A067677	5.53	1.6	
*DUP A067686	0.07	1.2	
*DUP A067696	0.77	14.9	
*AC0501	7.90	241.3	
*BLANK	<0.03	<0.1	

Au,Ag F.A. Grav. finish

Certified by \_\_\_\_\_



SGS Canada Inc.  
8282 Sherbrooke Street  
Vancouver, British Columbia V5X 4R6  
T: (604) 327-3436 F: (604) 327-3423

## CERTIFICATE OF ANALYSIS

0S-0113-RA4

Company: **Metal Mountain**  
Project: **Dome**  
Attn: **Daryl Hanson**

Nov-15-10

We hereby certify the following assay of 22 core samples  
submitted Sep-23-10

Sample Name	Au g/tonne	Ag g/tonne	Sample-wt kg
A067699	0.13	0.8	3.0
A067700	0.10	1.4	3.5
A067701	<0.03	0.7	3.0
A067702	<0.03	0.8	3.0
A067703	0.03	0.4	3.0
A067704	0.03	0.4	4.0
A067705	0.03	0.4	3.0
A067706	0.03	<0.1	3.5
A067707	0.03	0.5	4.0
A067708	8.00	4.2	0.1
A067709	0.03	0.7	2.0
A067710	0.07	0.5	1.0
A067711	2.07	0.5	1.0
A067712	0.03	1.1	2.5
A067713	0.03	0.8	4.0
A067714	<0.03	0.2	2.0
A067715	0.03	0.6	4.5
A067716	54.30	46.9	0.6
A067717	1.20	7.4	1.5
A067718	3.80	113.1	2.0
A067719	0.13	3.0	2.0
A067720	<0.03	1.1	3.5
*DUP A067699	0.13	1.1	
*DUP A067708	8.67	3.0	
*DUP A067718	4.33	112.9	
*AC0501	8.53	252.1	
*BLANK	<0.03	<0.1	

Au,Ag F.A. Grav. finish

Certified by \_\_\_\_\_



SGS Canada Inc.  
8282 Sherbrooke Street  
Vancouver, British Columbia V5X 4R6  
T: (604) 327-3436 F: (604) 327-3423

## CERTIFICATE OF ANALYSIS

0S-0113-RA5

Company: **Metal Mountain**  
Project: **Dome**  
Attn: **Daryl Hanson**

Nov-15-10

We hereby certify the following assay of 22 core samples  
submitted Sep-23-10

Sample Name	Au g/tonne	Ag g/tonne	Sample-wt kg
A067721	0.03	1.3	3.5
A067722	0.03	1.1	3.0
A067723	1.17	0.8	2.0
A067724	0.13	1.5	3.0
A067725	<0.03	0.7	2.0
A067726	11.80	3.2	0.1
A067727	0.03	<0.1	4.0
A067728	0.03	1.4	2.5
A067729	<0.03	0.4	1.1
A067730	<0.03	1.2	2.0
A067731	0.03	0.1	2.0
A067732	<0.03	0.9	3.5
A067733	<0.03	1.1	2.0
A067734	0.03	1.2	3.0
A067735	0.03	0.7	4.0
A067736	0.03	1.2	2.0
A067737	<0.03	0.6	1.5
A067738	4.97	14.6	1.0
A067739	0.43	4.2	2.0
A067740	0.03	1.0	4.0
A067741	0.20	1.9	3.0
A067742	228.3	36.9	2.0
*DUP A067721	0.03	1.3	
*DUP A067730	<0.03	1.5	
*DUP A067740	0.03	1.5	
*AC0501	8.43	231.8	
*BLANK	<0.03	<0.1	

Au,Ag F.A. Grav. finish

Certified by



SGS Canada Inc.  
8282 Sherbrooke Street  
Vancouver, British Columbia V5X 4R6  
T: (604) 327-3436 F: (604) 327-3423

## CERTIFICATE OF ANALYSIS

0S-0113-RA6

Company: **Metal Mountain**  
Project: **Dome**  
Attn: **Daryl Hanson**

Nov-15-10

We hereby certify the following assay of 2 core samples  
submitted Sep-23-10

Sample Name	Au g/tonne	Ag g/tonne	Sample-wt kg
A067743	0.03	1.7	3.0
A067744	0.30	1.6	1.0
*DUP A067743	<0.03	1.2	
*AC0501	8.33	241.2	
*BLANK	<0.03	<0.1	

Au,Ag F.A. Grav. finish

Certified by \_\_\_\_\_



SGS Canada Inc.  
8282 Sherbrooke Street  
Vancouver, British Columbia V5X 4R6  
T: (604) 327-3436 F: (604) 327-3423

## CERTIFICATE OF ANALYSIS

0S-0113-RA5

Company: **Metal Mountain**  
Project: **Dome**  
Attn: **Daryl Hanson**

Nov-15-10

We hereby certify the following assay of 22 core samples  
submitted Sep-23-10

Sample Name	Au g/tonne	Ag g/tonne	Sample-wt kg	Au-Rerun g/tonne	Ag-Rerun g/tonne
A067721	0.03	1.3	3.5		
A067722	0.03	1.1	3.0		
A067723	1.17	0.8	2.0		
A067724	0.13	1.5	3.0		
A067725	<0.03	0.7	2.0		
A067726	11.80	3.2	0.1		
A067727	0.03	<0.1	4.0		
A067728	0.03	1.4	2.5		
A067729	<0.03	0.4	1.1		
A067730	<0.03	1.2	2.0		
A067731	0.03	0.1	2.0		
A067732	<0.03	0.9	3.5		
A067733	<0.03	1.1	2.0		
A067734	0.03	1.2	3.0		
A067735	0.03	0.7	4.0		
A067736	0.03	1.2	2.0		
A067737	<0.03	0.6	1.5		
A067738	4.97	14.6	1.0		
A067739	0.43	4.2	2.0		
A067740	0.03	1.0	4.0		
A067741	0.20	1.9	3.0		
A067742	228.3	36.9	2.0	219.7	66.0
*DUP A067721	0.03	1.3			
*DUP A067730	<0.03	1.5			
*DUP A067740	0.03	1.5			
*AC0501	8.43	231.8			
*BLANK	<0.03	<0.1			

Au,Ag F.A. Grav. finish

Certified by



# SGS Canada Inc.

8282 Sherbrooke Street, Vancouver, British Columbia, V5X 4R6

T: (604) 327-3436 F: (604) 327-3423

Report No : 0S0113RR

Date : Nov-15-10

Sample type : CORE

## Metal Mountain

Project : Dome

Attention : Daryl Hanson

## ICP-AES Report

Multi-Acid Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
A067633	1	8.37	<10	140	10	2.98	4	16	44	3	5.27	15	0.65	<10	16	1.30	1872	<2	4.29	<10	2	<2	0.39	<5	20	<10	228	6	<10	0.35	187	<10	10	70	33
A067634	<1	9.30	<10	165	11	2.12	4	19	34	13	5.63	18	0.13	<10	45	1.92	997	<2	5.46	<10	2	<2	0.10	<5	15	<10	207	6	<10	0.28	139	<10	8	71	26
A067635	1	7.61	<10	227	11	5.36	3	12	40	5	5.19	16	1.10	<10	20	0.67	1695	<2	2.40	<10	2	<2	0.66	<5	22	<10	257	<5	<10	0.38	179	<10	15	49	65
A067636	1	9.15	16	548	15	3.58	4	19	36	195	6.67	18	1.48	<10	33	1.57	1784	<2	2.03	<10	2	<2	1.09	<5	23	<10	156	6	<10	0.40	240	<10	13	142	56
A067637	<1	8.71	<10	528	13	3.77	4	18	30	1	6.06	15	1.52	<10	32	1.44	1853	<2	1.73	<10	3	<2	0.31	<5	21	<10	152	5	<10	0.39	205	<10	13	143	57
A067638	1	7.36	97	948	15	5.61	4	16	69	23	6.33	16	1.65	<10	29	1.73	2259	2	0.61	<10	2	<2	2.94	5	16	<10	170	6	<10	0.28	136	<10	9	82	34
A067639	<1	9.14	<10	1550	12	2.04	4	13	25	35	5.32	17	1.74	<10	20	1.74	1226	<2	3.27	<10	2	5	0.56	<5	17	<10	160	7	<10	0.26	159	<10	8	151	30
A067640	<1	8.90	<10	1610	11	1.80	4	14	32	<1	5.31	17	1.80	<10	21	1.79	1335	<2	3.00	<10	2	5	0.83	<5	18	<10	127	7	<10	0.28	159	<10	8	156	35
A067641	1	8.33	27	931	13	2.49	4	15	44	31	5.01	16	2.67	<10	9	1.30	1815	<2	2.12	<10	2	16	2.25	<5	17	<10	111	7	<10	0.25	148	<10	8	71	25
A067642	1	8.06	23	580	10	3.95	3	19	40	16	4.54	19	1.64	<10	2	0.74	2003	<2	3.82	<10	2	5	2.40	<5	15	<10	123	7	<10	0.30	156	13	9	36	31
A067643	3	4.02	>10000	359	19	2.01	3	17	121	82	4.08	14	1.55	14	5	0.86	545	18	0.42	<10	52	694	0.85	<5	8	<10	97	<5	<10	0.10	65	<10	5	197	65
A067644	2	6.10	37	713	14	1.97	3	15	93	7	4.26	16	1.86	<10	6	0.57	860	<2	1.82	<10	3	40	1.85	<5	11	<10	104	<5	<10	0.24	114	<10	6	37	25
A067645	1	8.86	34	1293	15	3.99	4	16	27	2	5.64	19	2.53	12	29	1.65	1388	<2	1.47	<10	<2	<2	1.18	<5	16	<10	197	7	<10	0.35	179	<10	12	112	50
A067646	2	8.77	55	1409	17	4.12	4	16	35	14	6.02	20	2.41	12	40	1.61	1496	<2	1.48	<10	<2	<2	1.47	<5	16	<10	187	7	<10	0.29	163	<10	9	122	28
A067647	1	6.75	87	2147	11	8.63	3	13	86	13	5.44	14	1.56	10	17	1.35	2550	<2	1.69	<10	11	<2	1.89	<5	11	<10	261	5	<10	0.20	85	<10	10	74	22
A067648	<1	8.69	<10	876	10	4.81	4	18	30	<1	5.46	16	1.38	10	27	1.72	1777	<2	3.22	<10	<2	<2	1.31	<5	16	<10	219	7	<10	0.36	128	<10	14	125	66
A067649	<1	8.90	<10	1305	12	3.54	4	18	30	2	5.22	19	2.49	<10	25	2.25	2318	<2	2.02	<10	2	<2	1.69	<5	17	<10	134	7	<10	0.32	173	<10	11	115	28
A067650	<1	9.81	<10	1786	6	3.35	4	12	24	3	3.97	21	2.60	<10	9	1.64	1214	<2	3.22	<10	4	10	0.23	<5	14	<10	537	7	<10	0.29	90	<10	8	120	27
A067651	<1	9.62	<10	1355	7	2.88	4	8	26	<1	3.92	20	2.65	<10	6	1.04	1019	<2	3.17	<10	<2	15	0.36	<5	13	<10	252	8	<10	0.24	55	<10	8	94	23
A067652	1	10.00	12	1300	19	3.05	5	10	27	94	4.15	22	2.90	<10	6	1.08	1150	<2	3.17	<10	<2	43	0.75	<5	15	<10	203	7	<10	0.25	72	<10	10	97	44
A067653	<1	9.81	17	1518	7	2.88	4	8	28	18	3.76	23	3.39	<10	2	1.04	1491	<2	2.40	<10	2	51	1.06	<5	14	<10	182	8	<10	0.25	68	<10	9	95	35
A067654	<1	9.75	<10	3391	7	2.96	4	5	23	12	4.22	24	3.08	<10	11	1.09	809	<2	2.95	<10	5	14	0.21	5	14	<10	352	7	<10	0.29	70	<10	10	117	34
A067655	<1	9.18	<10	1928	9	3.94	4	8	25	12	4.43	17	2.95	<10	3	1.08	1167	<2	2.61	<10	<2	13	0.15	<5	15	<10	270	6	<10	0.29	59	<10	10	100	29
A067656	1	10.03	10	2426	9	3.56	5	8	28	139	3.94	20	3.50	<10	<1	1.16	1840	<2	2.36	<10	<2	13	1.07	7	15	<10	199	7	<10	0.27	90	<10	8	102	33
A067657	1	9.00	<10	221	11	2.61	4	18	28	19	5.78	15	0.23	<10	35	1.65	1037	<2	5.53	<10	2	4	0.99	<5	14	<10	237	6	<10	0.28	127	<10	8	68	32
A067658	2	8.22	17	3171	12	4.34	5	8	57	60	4.72	17	3.50	<10	1	1.40	2515	<2	0.69	<10	2	35	1.45	18	13	<10	209	6	<10	0.23	107	<10	8	143	37
A067659	1	9.12	<10	5990	8	5.04	4	6	29	3	4.66	19	3.46	<10	1	1.32	2245	<2	1.64	<10	2	7	0.90	<5	14	<10	426	6	<10	0.26	104	<10	9	111	32
A067660	1	9.51	<10	3033	7	5.86	5	7	29	11	4.21	19	3.98	<10	<1	1.00	1870	<2	1.10	<10	<2	65	1.00	6	15	<10	231	7	<10	0.29	113	<10	10	128	40
A067661	5	9.34	34	2488	14	3.62	24	8	45	343	5.39	15	3.96	<10	6	1.01	2477	<2	0.91	<10	<2	539	2.12	13	16	<10	136	7	<10	0.25	120	11	7	1128	23
A067662	1	8.99	<10	1760	10	3.46	5	16	28	2	5.90	15	1.98	<10	19	1.60	2532	<2	3.14	<10	<2	9	0.24	6	22	<10	187	6	<10	0.39	155	<10	12	446	52

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.





SGS Canada Inc.

8282 Sherbrooke Street, Vancouver, British Columbia, V5X 4R6

T: (604) 327-3436 F: (604) 327-3423

Report No : 0S0113RR

Date : Nov-15-10

Sample type : CORE

Metal Mountain

Project : Dome

Attention : Daryl Hanson

ICP-AES Report

Multi-Acid Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
A067663	2	3.83	>10000	319	18	2.11	3	19	93	112	4.33	12	1.16	10	7	0.82	611	22	0.86	<10	52	791	0.93	<5	9	<10	110	<5	<10	0.11	76	<10	7	226	51
A067664	1	9.27	21	1029	12	2.82	5	17	28	29	6.15	18	2.14	<10	12	1.58	2410	<2	3.24	<10	5	2	0.44	6	23	<10	124	8	<10	0.36	142	<10	10	208	32
A067665	1	9.16	16	1128	14	2.62	5	18	30	42	6.09	18	2.78	<10	11	1.53	2710	<2	2.21	<10	6	10	1.64	6	23	<10	103	6	<10	0.37	160	<10	9	177	29
A067666	1	8.98	<10	1087	11	3.13	4	15	21	<1	5.88	16	2.33	<10	15	2.05	2138	<2	2.51	<10	3	3	0.10	6	23	<10	223	5	<10	0.42	199	<10	14	212	56
A067667	2	8.53	29	1822	14	3.43	5	16	39	126	5.73	18	2.97	<10	12	1.84	3435	<2	1.28	<10	<2	15	1.49	5	22	<10	125	6	<10	0.34	179	<10	10	172	36
A067668	6	7.71	15	>10000	8	6.71	4	<1	41	560	4.37	17	2.47	<10	3	0.97	1950	<2	1.93	<10	3	8	0.84	10	16	<10	523	6	<10	0.29	129	<10	12	141	46
A067669	11	6.05	49	3210	25	4.43	12	8	90	403	4.85	14	2.63	<10	2	0.63	2937	3	0.45	<10	3	89	2.05	6	13	<10	146	<5	<10	0.23	117	<10	8	482	41
A067670	1	8.31	<10	9347	11	5.71	4	8	26	163	5.86	15	2.61	<10	11	1.20	2158	<2	1.62	<10	3	<2	0.34	6	18	<10	395	6	<10	0.30	162	<10	11	216	42
A067671	2	8.64	26	3676	16	5.40	5	27	81	181	6.62	19	2.71	<10	26	3.22	5085	<2	0.70	<10	32	15	1.32	<5	31	<10	158	6	<10	0.27	254	<10	9	193	27
A067672	1	8.95	<10	3334	12	4.53	4	15	26	<1	5.83	17	1.74	<10	18	1.58	2116	<2	2.93	<10	2	<2	0.19	<5	21	<10	405	7	<10	0.37	177	<10	15	198	63
A067673	<1	9.10	<10	336	11	2.71	4	18	23	16	5.73	17	0.18	<10	30	1.61	1073	<2	5.72	<10	2	3	0.82	<5	14	<10	232	6	<10	0.27	121	<10	8	62	29
A067674	1	8.40	<10	3687	12	4.45	4	19	27	18	6.20	16	2.26	<10	20	1.70	3451	<2	1.66	<10	3	19	1.81	<5	18	<10	236	6	<10	0.30	152	<10	12	218	44
A067675	1	7.64	<10	1099	9	6.77	3	16	31	34	5.22	16	1.78	<10	31	2.00	2431	<2	1.03	<10	3	<2	0.52	<5	16	<10	173	5	<10	0.29	142	<10	15	101	43
A067676	1	9.23	<10	1159	15	2.91	6	18	23	286	5.93	16	1.69	<10	25	1.80	1579	<2	3.17	<10	2	<2	0.30	<5	23	<10	188	7	<10	0.34	188	<10	10	103	43
A067677	1	8.87	<10	1665	7	2.79	2	28	31	124	7.48	9	2.42	<10	21	2.08	1810	3	1.65	<10	5	2	2.95	8	24	<10	108	25	<10	0.38	276	10	12	125	35
A067678	<1	8.68	<10	1264	6	2.27	1	14	16	12	5.36	37	1.04	<10	21	2.47	2188	<2	3.90	<10	2	<2	0.64	6	19	<10	139	18	<10	0.39	195	<10	13	135	60
A067679	<1	8.45	<10	259	<5	3.55	1	11	17	<1	4.14	30	0.10	<10	8	1.25	1365	<2	6.33	<10	<2	<2	0.04	5	13	<10	147	15	<10	0.39	125	<10	12	64	31
A067680	<1	8.81	<10	1538	12	1.85	4	16	44	53	5.85	19	1.48	<10	27	2.20	1755	<2	3.46	<10	<2	18	1.29	5	19	<10	155	12	<10	0.26	163	<10	7	148	30
A067681	<1	9.44	<10	1255	11	2.34	3	17	35	2	6.17	17	1.06	<10	22	2.15	1722	<2	4.35	<10	<2	27	0.59	<5	17	<10	168	13	<10	0.24	154	<10	9	154	26
A067682	<1	9.05	<10	1475	12	2.44	3	16	35	13	5.86	17	1.18	<10	27	2.04	1765	<2	4.01	<10	<2	12	0.42	<5	17	<10	168	11	<10	0.23	149	<10	8	140	29
A067683	<1	9.10	<10	1623	13	2.70	3	15	36	16	5.91	19	2.04	<10	27	2.21	2511	<2	2.68	<10	<2	17	1.10	<5	16	<10	133	12	<10	0.22	147	<10	9	127	21
A067684	2	3.98	>10000	345	17	1.79	1	17	110	89	4.24	12	1.58	12	8	0.85	538	19	0.45	<10	49	651	0.81	<5	7	<10	99	6	<10	0.07	61	<10	4	202	68
A067685	<1	8.94	<10	513	12	1.37	4	19	38	3	5.81	17	0.30	<10	31	2.43	1602	<2	6.12	<10	<2	25	0.34	<5	17	<10	117	12	<10	0.39	170	<10	7	135	28
A067686	<1	8.87	<10	372	10	1.60	4	18	33	18	5.40	20	0.20	<10	24	2.60	1557	<2	5.53	<10	<2	15	0.41	<5	15	<10	117	9	<10	0.33	126	<10	7	137	42
A067687	<1	8.82	11	344	<5	1.66	2	15	23	17	5.46	37	0.15	<10	46	2.50	1555	<2	5.28	<10	2	<2	0.52	9	16	<10	146	19	<10	0.39	169	<10	12	132	59
A067688	<1	6.49	27	863	10	3.55	3	16	70	44	5.97	13	0.50	<10	60	3.47	3361	<2	2.50	<10	<2	2	1.17	9	11	<10	129	10	<10	0.18	106	<10	8	104	12
A067689	11	7.55	56	1326	29	2.28	7	12	68	1407	6.26	16	3.25	<10	12	0.87	2599	2	1.20	<10	<2	77	2.51	34	12	<10	87	7	<10	0.14	84	<10	5	340	49
A067690	38	1.38	245	204	34	1.47	8	14	209	3328	7.37	4	0.58	<10	1	0.52	2007	32	0.09	<10	5	207	5.59	210	2	<10	31	6	13	0.01	3	<10	2	294	5
A067691	5	9.60	111	834	14	2.76	5	13	52	505	6.31	19	4.10	<10	8	1.16	3787	2	0.55	<10	<2	66	3.01	29	14	<10	101	11	<10	0.11	73	<10	8	208	38
A067692	7	9.68	61	1671	8	3.37	5	7	54	475	3.98	21	4.29	<10	4	1.32	3566	<2	0.57	<10	<2	47	1.55	53	13	<10	121	10	<10	0.15	64	<10	9	215	49

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.



# SGS Canada Inc.

8282 Sherbrooke Street, Vancouver, British Columbia, V5X 4R6

T: (604) 327-3436 F: (604) 327-3423

Report No : 0S0113RR

Date : Nov-15-10

Sample type : CORE

## Metal Mountain

Project : Dome

Attention : Daryl Hanson

## ICP-AES Report

Multi-Acid Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
A067693	1	10.15	24	2838	9	3.00	4	8	37	110	3.94	18	4.53	<10	5	1.38	2662	<2	0.57	<10	<2	37	1.31	7	15	<10	135	9	<10	0.19	86	<10	7	153	40
A067694	14	8.36	36	1236	28	1.70	7	14	80	1501	4.75	20	3.53	<10	4	0.77	1727	5	0.56	<10	<2	371	2.81	13	15	<10	96	9	<10	0.19	112	20	5	255	27
A067695	<1	9.61	<10	160	10	1.88	3	18	29	17	5.56	18	0.22	<10	33	1.79	1039	<2	5.85	<10	<2	18	0.29	5	14	<10	198	10	<10	0.29	127	<10	7	67	38
A067696	18	3.73	81	636	30	1.37	7	14	217	2172	4.92	9	1.53	<10	1	0.57	1181	14	0.23	<10	3	154	3.21	93	6	<10	48	6	14	0.13	55	20	3	321	11
A067697	5	5.40	91	1205	19	1.55	2	53	94	338	8.30	38	2.41	<10	<1	0.66	1536	16	0.26	<10	7	48	7.77	26	10	<10	53	25	<10	0.23	103	18	11	64	59
A067698	5	4.63	97	262	20	0.96	2	44	161	297	8.48	8	2.02	<10	3	0.41	1185	21	0.24	<10	5	84	5.84	32	8	<10	36	5	<10	0.10	49	<10	4	89	15
A067699	<1	9.10	<10	2374	12	4.52	3	5	46	48	4.38	16	2.36	<10	3	0.60	1982	<2	3.57	<10	<2	10	2.06	7	17	<10	257	10	<10	0.24	86	<10	7	50	27
A067700	<1	9.73	11	2242	11	4.48	4	9	46	38	4.68	20	2.78	<10	4	0.70	2028	<2	3.47	<10	<2	11	1.86	9	18	<10	333	10	<10	0.32	107	10	8	78	31
A067701	<1	10.26	<10	1486	10	4.79	4	15	23	23	4.83	20	2.28	<10	12	0.85	2070	<2	4.31	<10	<2	11	0.81	14	19	<10	292	10	<10	0.35	121	<10	8	112	36
A067702	<1	9.36	<10	1488	9	4.58	3	9	23	18	4.12	17	1.86	<10	9	0.61	1714	<2	4.24	<10	<2	9	0.82	7	17	<10	276	8	<10	0.32	101	<10	7	73	35
A067703	<1	9.07	<10	2288	15	4.59	3	14	29	31	4.80	17	1.97	<10	13	0.97	2276	2	3.50	<10	<2	10	1.47	8	17	<10	291	10	<10	0.30	100	<10	7	132	29
A067704	<1	10.00	<10	1502	12	4.08	3	22	45	20	6.79	16	2.38	<10	16	0.97	2425	<2	3.69	<10	11	9	0.82	11	19	<10	284	11	<10	0.40	132	<10	8	144	32
A067705	<1	9.98	11	1787	11	3.61	3	18	19	2	5.10	18	2.41	<10	25	1.99	3101	<2	3.15	<10	<2	9	1.10	11	19	<10	299	10	<10	0.37	172	<10	8	242	36
A067706	<1	10.93	10	2715	11	3.40	4	14	17	1	5.54	20	2.85	<10	26	2.03	2977	<2	3.14	<10	<2	11	0.79	14	21	<10	360	10	<10	0.45	179	<10	9	300	39
A067707	<1	9.88	<10	1862	10	3.50	3	15	16	<1	4.93	18	2.20	<10	25	1.80	2522	<2	3.31	<10	<2	13	0.51	14	19	<10	359	10	<10	0.41	174	<10	8	252	34
A067708	2	4.07	>10000	319	18	1.93	1	21	85	116	4.31	12	1.26	10	10	0.83	647	26	0.94	<10	54	158	0.89	7	9	<10	115	5	<10	0.12	75	<10	7	229	55
A067709	<1	10.01	13	1758	9	3.13	3	14	17	<1	4.70	18	1.38	<10	27	1.70	2352	<2	4.36	<10	<2	10	0.22	15	19	<10	415	10	<10	0.40	164	<10	8	231	33
A067710	<1	8.74	<10	2005	13	2.44	3	16	60	19	5.79	21	1.93	<10	32	2.18	2323	<2	2.90	<10	<2	7	1.69	<5	16	<10	126	10	<10	0.25	188	<10	8	101	32
A067711	<1	8.93	16	647	16	2.64	3	16	28	4	5.59	19	0.72	<10	23	2.42	2415	<2	4.43	<10	<2	7	0.73	<5	14	<10	146	9	<10	0.22	140	<10	9	139	35
A067712	<1	8.90	<10	2844	10	2.74	3	20	35	51	5.93	15	2.69	<10	32	3.44	1715	<2	1.54	<10	<2	8	0.18	7	26	<10	681	10	<10	0.30	176	<10	5	171	24
A067713	<1	9.24	<10	2357	9	3.21	3	18	18	<1	6.01	15	3.01	<10	18	2.92	1621	<2	2.17	<10	<2	9	0.13	6	24	<10	433	11	<10	0.31	184	<10	5	171	29
A067714	<1	10.25	<10	240	11	2.77	3	20	24	13	5.66	15	0.27	<10	40	1.88	1157	<2	6.18	<10	2	10	0.40	6	16	<10	253	12	<10	0.31	134	<10	8	77	41
A067715	<1	9.20	<10	2582	14	2.64	3	18	25	14	6.71	14	4.27	<10	11	2.48	3160	<2	0.42	<10	5	12	0.64	5	24	<10	196	11	<10	0.27	188	<10	5	186	28
A067716	46	2.17	136	368	53	1.00	62	8	81	1502	5.61	5	0.99	<10	1	0.41	1741	<2	0.11	<10	4	593	4.29	28	3	<10	40	5	<10	0.03	18	<10	2	3670	7
A067717	6	7.46	203	188	18	0.60	8	15	74	372	6.69	15	3.47	<10	2	0.36	1065	2	0.38	<10	2	96	5.59	31	11	<10	49	11	<10	0.11	69	10	4	268	32
A067718	115	0.64	388	206	125	0.31	52	7	232	3771	4.04	1	0.29	<10	1	0.16	543	9	0.05	<10	4	438	3.19	856	1	<10	12	<5	11	0.01	2	<10	1	2476	3
A067719	2	10.27	20	2563	11	3.28	4	11	48	100	4.36	23	4.83	<10	4	1.36	3054	<2	0.48	<10	2	17	1.56	8	19	<10	97	8	<10	0.25	98	<10	7	172	29
A067720	<1	8.79	<10	1450	11	3.73	3	19	42	21	5.38	12	3.36	<10	6	1.27	2394	<2	1.60	<10	<2	9	1.03	5	16	<10	113	7	<10	0.22	90	<10	5	122	25
A067721	<1	8.69	<10	2830	11	3.35	5	21	39	35	5.94	17	2.63	<10	7	0.86	1866	<2	2.85	<10	4	22	1.40	6	18	<10	162	8	<10	0.34	149	<10	6	127	30
A067722	<1	9.83	<10	3345	11	1.89	6	19	31	15	6.52	20	2.36	<10	9	0.76	1436	<2	4.07	<10	4	13	1.54	5	21	<10	207	8	<10	0.39	162	<10	6	186	38

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.



# SGS Canada Inc.

8282 Sherbrooke Street, Vancouver, British Columbia, V5X 4R6

T: (604) 327-3436 F: (604) 327-3423

Report No : 0S0113RR

Date : Nov-15-10

Sample type : CORE

## Metal Mountain

Project : Dome

Attention : Daryl Hanson

## ICP-AES Report

Multi-Acid Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	
A067723	<1	10.82	<10	5071	13	1.64	6	21	48	26	6.96	22	2.71	<10	12	0.92	1796	<2	4.02	<10	3	14	1.76	8	23	<10	173	8	<10	0.45	183	<10	8	222	42	
A067724	<1	9.99	<10	2085	14	1.92	6	26	35	17	6.77	22	3.19	<10	17	1.14	1850	<2	2.47	<10	3	13	2.40	6	21	<10	111	7	<10	0.40	172	<10	7	208	35	
A067725	<1	10.05	<10	2130	11	2.57	5	15	34	6	5.55	21	3.27	<10	19	1.52	1953	<2	2.20	<10	2	14	1.36	6	20	<10	109	7	<10	0.39	180	<10	6	273	28	
A067726	2	3.96	>10000	399	18	1.89	3	17	302	92	4.57	13	1.56	14	7	0.85	596	21	0.48	<10	58	142	0.91	6	8	<10	100	<5	<10	0.10	69	<10	5	197	74	
A067727	<1	7.98	11	1658	13	4.40	4	15	51	9	5.51	19	2.91	<10	14	2.10	3031	<2	1.40	<10	2	15	2.25	<5	17	<10	108	6	<10	0.26	124	<10	8	232	27	
A067728	<1	9.49	47	1754	15	3.06	5	18	42	7	6.41	21	2.72	<10	19	1.62	1981	<2	2.63	<10	<2	15	2.09	7	22	<10	133	7	<10	0.42	146	<10	10	233	42	
A067729	<1	9.13	10	2008	9	3.12	5	7	37	16	5.35	21	2.10	<10	19	1.28	1187	<2	3.35	<10	<2	14	0.30	5	22	<10	180	7	<10	0.39	141	<10	10	214	34	
A067730	1	8.28	<10	3646	12	4.22	4	16	64	6	5.80	19	2.14	<10	23	1.73	2119	<2	2.59	<10	<2	12	1.76	5	19	<10	198	7	<10	0.31	119	<10	10	213	25	
A067731	<1	8.81	<10	778	8	2.78	5	18	38	59	5.31	19	1.35	<10	22	1.12	2018	<2	4.32	<10	<2	11	0.89	7	20	<10	158	7	<10	0.32	140	<10	9	240	42	
A067732	<1	8.11	<10	1274	6	3.75	4	12	46	49	4.50	16	1.77	<10	9	1.29	2043	<2	3.49	<10	<2	11	0.42	7	16	<10	171	8	<10	0.25	122	<10	8	166	30	
A067733	<1	9.11	<10	4786	9	3.77	5	12	28	9	4.99	19	3.34	<10	7	1.38	1560	<2	1.85	<10	<2	10	0.26	5	18	<10	242	7	<10	0.28	126	<10	7	163	34	
A067734	<1	9.58	<10	2652	5	2.09	5	6	30	15	3.75	16	3.00	<10	7	0.67	1130	<2	2.77	<10	<2	12	0.37	8	13	<10	173	7	<10	0.24	89	12	9	115	50	
A067735	<1	9.63	<10	3457	7	2.16	5	5	23	23	3.96	16	3.38	<10	5	0.72	1499	<2	2.26	<10	<2	9	0.46	7	13	<10	176	6	<10	0.24	82	<10	9	120	45	
A067736	<1	10.25	21	3377	<5	2.45	5	5	25	97	4.10	17	4.30	<10	3	0.93	2392	<2	1.39	<10	2	10	1.02	5	14	<10	158	5	<10	0.24	80	11	8	102	47	
A067737	<1	9.47	<10	167	10	2.41	4	18	26	22	5.52	18	0.23	<10	48	1.59	885	<2	5.69	<10	3	8	0.38	<5	15	<10	189	6	<10	0.31	146	<10	7	70	36	
A067738	19	5.69	71	1183	29	3.49	51	12	119	1475	5.62	13	2.55	<10	2	1.21	4648	6	0.22	<10	3	179	3.15	37	11	<10	132	6	<10	0.11	79	<10	5	2546	12	
A067739	4	8.46	17	1510	14	3.96	12	15	39	295	5.74	18	3.29	<10	8	1.59	4343	2	1.21	<10	<2	26	1.35	13	19	<10	141	7	<10	0.27	132	<10	8	720	34	
A067740	<1	8.53	21	1767	10	3.61	4	14	36	11	5.84	17	2.95	<10	9	1.59	3126	<2	1.77	<10	<2	9	0.56	6	20	<10	204	8	<10	0.29	133	<10	8	288	27	
A067741	2	8.34	81	1638	12	3.47	79	17	54	227	5.60	20	3.81	<10	4	1.22	5290	<2	0.45	<10	<2	8	2.62	8	17	<10	93	8	<10	0.25	110	<10	8	7026	34	
A067742	72	6.75	23	1411	11	8.46	4	12	59	29	5.73	15	2.79	<10	5	1.17	6842	2	0.79	<10	3	7	2.31	6	14	<10	162	8	<10	0.15	90	<10	11	191	25	
A067743	1	8.15	<10	1395	11	3.10	4	11	44	21	4.95	15	1.70	<10	2	0.73	1534	<2	3.94	<10	<2	12	1.41	<5	16	<10	123	6	<10	0.26	126	<10	9	117	28	
A067744	5	8.33	<10	2660	9	3.87	4	8	43	23	4.86	14	1.26	<10	1	0.49	1371	<2	4.86	<10	4	11	1.20	<5	16	<10	177	6	<10	0.31	131	<10	10	65	40	
<b>Duplicates:</b>																																				
A067633	1	8.56	<10	146	9	3.07	4	17	44	5	5.34	15	0.65	<10	16	1.34	1919	<2	4.34	<10	10	<2	0.40	<5	20	<10	235	6	<10	0.37	196	<10	11	73	38	
A067642	1	8.09	21	592	9	3.99	4	19	56	19	4.61	15	1.62	<10	2	0.74	1975	<2	3.79	<10	5	6	2.43	<5	15	<10	122	7	<10	0.29	158	13	9	36	31	
A067652	1	9.05	15	1283	21	2.95	4	11	23	96	4.12	21	2.86	<10	6	1.07	1129	<2	3.12	<10	4	42	0.74	<5	14	<10	194	7	<10	0.24	72	<10	9	96	35	
A067655	<1	9.26	10	1910	8	4.00	4	8	22	11	4.45	18	3.00	<10	3	1.08	1154	<2	2.67	<10	2	12	0.15	<5	15	<10	267	7	<10	0.29	60	<10	9	101	26	
A067664	1	9.14	12	1011	13	2.86	5	17	30	20	6.22	17	2.13	<10	12	1.60	2380	<2	3.21	<10	5	<2	0.42	5	23	<10	122	7	<10	0.36	139	<10	8	209	26	
A067674	1	8.57	10	3743	14	4.57	4	19	27	20	6.36	17	2.33	<10	19	1.74	3584	<2	1.72	<10	4	20	1.85	<5	19	<10	242	6	<10	0.31	161	<10	12	230	52	
A067677	1	9.03	<10	1423	16	2.38	3	28	38	129	7.43	15	2.49	<10	26	1.93	1685	4	1.85	<10	3	11	2.56	5	22	<10	95	11	<10	0.31	222	<10	6	103	30	

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.



# SGS Canada Inc.

8282 Sherbrooke Street, Vancouver, British Columbia, V5X 4R6

T: (604) 327-3436 F: (604) 327-3423

Report No : 0S0113RR

Date : Nov-15-10

Sample type : CORE

## Metal Mountain

Project : Dome

Attention : Daryl Hanson

## ICP-AES Report

Multi-Acid Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm			
A067686	<1	8.97	<10	357	9	1.51	4	17	29	19	5.18	19	0.17	<10	24	2.54	1490	<2	5.40	<10	<2	14	0.40	<5	15	<10	109	10	<10	0.30	123	<10	7	125	34			
A067696	17	3.29	76	554	26	1.17	6	13	187	1900	4.21	9	1.35	<10	1	0.50	1028	11	0.20	<10	3	146	2.74	77	6	<10	43	5	<10	0.07	47	10	2	269	9			
A067699	<1	9.58	10	2554	9	4.82	3	6	36	50	4.78	17	2.50	<10	3	0.64	2109	<2	3.78	<10	<2	10	2.07	7	18	<10	270	9	<10	0.29	92	11	8	54	31			
A067708	2	4.00	>10000	301	18	1.90	1	19	80	113	4.17	11	1.24	<10	10	0.80	609	24	0.95	<10	51	152	0.83	5	9	<10	108	<5	<10	0.11	71	<10	7	226	54			
A067718	122	0.66	439	223	137	0.34	58	7	271	3958	4.34	1	0.31	<10	1	0.17	581	10	0.06	<10	4	483	3.50	891	1	<10	12	<5	14	0.01	2	<10	1	2727	4			
A067721	1	9.77	10	3269	12	3.99	5	25	44	37	6.48	19	2.92	<10	7	0.96	2153	<2	3.21	<10	2	20	1.68	7	20	<10	182	9	<10	0.32	170	<10	7	151	34			
A067730	1	8.12	<10	3641	12	4.32	4	17	50	3	5.87	19	2.06	<10	22	1.75	2144	<2	2.47	<10	<2	14	1.80	<5	19	<10	196	8	<10	0.24	117	<10	9	214	14			
A067740	<1	9.27	18	1844	10	3.74	5	14	30	11	6.02	19	3.20	<10	11	1.67	3276	<2	1.97	<10	<2	8	0.60	7	21	<10	219	7	<10	0.33	140	<10	9	287	36			
A067743	1	8.33	<10	1416	10	3.16	4	12	46	21	5.00	15	1.73	<10	2	0.74	1570	<2	4.04	<10	5	9	1.42	<5	16	<10	124	5	<10	0.29	128	<10	10	113	38			
<b>Standards:</b>																																						
Blank	<1	<0.01	<10	<10	<5	<0.01	<1	<1	1	<1	<0.01	<1	<0.01	<10	<1	<0.01	<5	<2	<0.01	<10	<2	<2	<0.01	<5	<1	<10	<1	<5	<10	<0.01	<1	<10	<1	<1	<1			
CH-4	3	7.80	<10	491	10	1.97	4	24	103	2164	5.78	22	1.85	16	11	1.44	487	2	3.25	<10	54	11	0.63	<5	12	<10	208	5	<10	0.28	88	<10	10	206	124			

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.



SGS Canada Inc.  
8282 Sherbrooke Street  
Vancouver, British Columbia V5X 4R6  
T: (604) 327-3436 F: (604) 327-3423

## CERTIFICATE OF ANALYSIS

0S-0116-RA1

Company: **Metal Mountain**  
Project: **Dome**  
Attn: **Daryl Hanson**

Nov-17-10

We hereby certify the following assay of 22 core samples  
submitted Oct-15-10

Sample Name	Au g/tonne	Ag g/tonne	Sample-wt kg
A067745	<0.03	0.8	1.5
A067746	0.03	3.5	2.0
A067747	8.10	5.9	0.1
A067748	0.07	4.3	1.0
A067749	0.07	2.3	1.0
A067750	<0.03	3.3	2.0
A067751	<0.03	2.7	1.5
A067752	<0.03	4.8	1.0
A067753	<0.03	5.5	1.0
A067754	<0.03	3.0	1.5
A067755	<0.03	3.8	1.0
A067756	0.03	2.2	0.6
A067757	<0.03	5.0	1.0
A067758	<0.03	3.7	1.0
A067759	<0.03	4.1	2.0
A067760	0.13	5.3	1.5
A067761	<0.03	3.6	1.5
A067762	<0.03	4.8	0.7
A067763	<0.03	3.7	2.0
A067764	0.03	4.7	3.0
A067765	0.07	1.7	3.0
A067766	0.03	1.4	2.0
*DUP A067745	<0.03	0.2	
*DUP A067754	<0.03	0.2	
*DUP A067764	0.03	1.0	
*SG40	0.93		
*AC0501		220.7	
*BLANK	<0.03	<0.1	

Au,Ag 30g F.A. Grav. finish

Certified by



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Vancouver, British Columbia V5X 4R6  
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## CERTIFICATE OF ANALYSIS

0S-0116-RA2

Company: **Metal Mountain**  
Project: **Dome**  
Attn: **Daryl Hanson**

Nov-17-10

We hereby certify the following assay of 22 core samples  
submitted Oct-15-10

Sample Name	Au g/tonne	Ag g/tonne	Sample-wt kg
A067767	0.30	0.5	1.0
A067768	<0.03	0.2	1.5
A067769	<0.03	0.4	2.0
A067770	<0.03	0.3	1.0
A067771	10.53	1.5	0.1
A067772	<0.03	0.1	0.7
A067773	<0.03	0.4	1.0
A067774	<0.03	1.4	0.5
A067775	<0.03	0.2	1.5
A067776	<0.03	0.7	1.5
A067777	<0.03	0.6	2.0
A067778	<0.03	1.0	3.0
A067779	<0.03	2.5	2.0
A067780	<0.03	1.9	2.0
A067781	<0.03	0.6	0.7
A067782	<0.03	2.9	2.0
A067783	<0.03	3.6	2.0
A067784	<0.03	2.4	1.5
A067785	<0.03	2.3	1.5
A067786	<0.03	1.6	1.0
A067787	<0.03	0.7	1.0
A067788	<0.03	1.0	1.0
*DUP A067767	0.30	0.8	
*DUP A067776	<0.03	0.7	
*DUP A067786	<0.03	0.6	
*OXF65	0.80		
*AC0501		221.4	
*BLANK	<0.03	<0.1	

Au,Ag 30g F.A. Grav. finish

Certified by



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## CERTIFICATE OF ANALYSIS

0S-0116-RA3

Company: **Metal Mountain**  
Project: **Dome**  
Attn: **Daryl Hanson**

Nov-17-10

We hereby certify the following assay of 22 core samples  
submitted Oct-15-10

Sample Name	Au g/tonne	Ag g/tonne	Sample-wt kg
A067789	<0.03	0.5	1.5
A067790	7.70	3.3	0.1
A067791	<0.03	1.0	2.0
A067792	<0.03	0.3	1.0
A067793	<0.03	0.6	0.7
A067794	<0.03	0.7	1.5
A067795	<0.03	0.4	1.0
A067796	<0.03	0.2	1.0
A067797	0.03	0.7	1.0
A067798	<0.03	0.2	2.0
A067799	<0.03	0.9	1.5
A067800	<0.03	0.3	3.0
A067801	<0.03	0.7	1.0
A067802	<0.03	0.3	0.7
A067803	<0.03	0.3	1.0
A067804	<0.03	0.3	1.0
A067805	<0.03	0.8	2.0
A067806	<0.03	2.1	1.5
A067807	<0.03	0.1	1.0
A067808	<0.03	1.5	1.0
A067809	<0.03	2.6	1.5
A067810	10.60	2.8	0.1
*DUP A067789	<0.03	1.0	
*DUP A067798	<0.03	1.3	
*DUP A067808	<0.03	1.1	
*SG40	0.90		
*AC0501		224.4	
*BLANK	<0.03	<0.1	

Au,Ag 30g F.A. Grav. finish

Certified by



SGS Canada Inc.  
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## CERTIFICATE OF ANALYSIS

0S-0116-RA4

Company: **Metal Mountain**  
Project: **Dome**  
Attn: **Daryl Hanson**

Nov-17-10

We hereby certify the following assay of 22 core samples  
submitted Oct-15-10

Sample Name	Au g/tonne	Ag g/tonne	Sample-wt kg	Cu %
A067811	<0.03	1.0	2.0	
A067812	<0.03	0.7	1.5	
A067813	<0.03	0.1	1.0	
A067814	<0.03	0.3	1.0	
A067815	<0.03	2.7	2.0	
A067816	<0.03	2.8	2.0	
A067817	<0.03	3.7	4.0	
A067818	<0.03	1.8	1.5	
A067819	0.03	1.1	1.0	
A067820	0.13	0.1	5.0	
A067821	<0.03	0.7	4.0	
A067822	<0.03	0.2	3.0	
A067823	0.03	0.5	1.0	
A067824	0.03	0.7	2.0	
A067825	0.03	0.1	1.0	
A067826	0.03	1.1	3.0	
A067827	0.03	0.4	3.0	
A067828	<0.03	1.4	3.0	
A067829	2.23	14.3	1.0	
A067830	19.50	64.0	1.0	1.51
A067831	0.03	0.6	1.0	
A067832	7.90	3.2	0.1	
*DUP A067811	<0.03	1.6		
*DUP A067820	0.13	1.3		
*DUP A067830	20.13	59.5		
*SG40	0.87			
*AC0501		224.3		
*ME-4				1.82
*BLANK	<0.03	<0.1		<0.001

Au,Ag 30g F.A. Grav. finish.Cu 4 Acid Digest AA finish.

Certified by





SGS Canada Inc.  
8282 Sherbrooke Street  
Vancouver, British Columbia V5X 4R6  
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## CERTIFICATE OF ANALYSIS

0S-0116-RA5

Company: **Metal Mountain**  
Project: **Dome**  
Attn: **Daryl Hanson**

Nov-17-10

We hereby certify the following assay of 16 core samples  
submitted Oct-15-10

Sample Name	Au g/tonne	Ag g/tonne	Sample-wt kg
A067833	<0.03	1.8	3.0
A067834	<0.03	0.9	1.5
A067835	<0.03	0.2	2.0
A067836	<0.03	0.1	2.0
A067837	0.07	<0.1	2.5
A067838	<0.03	0.1	3.0
A067839	<0.03	0.2	1.0
A067840	0.10	1.4	3.0
A067841	<0.03	0.6	2.0
A067842	<0.03	1.4	2.0
A067843	<0.03	1.2	4.0
A067844	0.07	0.6	4.0
A067845	0.10	1.0	2.0
A067846	0.13	0.1	4.0
A067847	0.03	0.8	3.0
A067848	0.07	0.4	2.0
*DUP A067833	0.03	1.2	
*DUP A067842	<0.03	0.3	
*SG40	1.00		
*AC0501		221.3	
*BLANK	<0.03	<0.1	

Au,Ag 30g F.A. Grav. finish

Certified by

**Metal Mountain**

Project : Dome

Attention : Daryl Hanson

**ICP-AES Report**

Multi-Acid Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
A067745	<1	9.63	17	181	13	1.61	4	22	25	27	6.07	19	0.44	<10	38	2.94	1775	<2	5.03	<10	2	8	0.16	<5	16	<10	217	10	<10	0.34	163	<10	7	118	25
A067746	1	9.01	29	686	9	2.80	6	14	27	39	5.05	15	3.05	<10	5	2.24	4580	<2	2.36	<10	3	48	0.18	16	14	<10	110	10	<10	0.28	126	<10	8	301	31
A067747	3	3.88	>10000	311	18	1.91	2	20	58	121	4.30	11	1.17	<10	10	0.80	632	22	0.87	<10	54	752	0.85	5	9	<10	111	<5	<10	0.13	75	<10	7	228	51
A067748	1	8.91	126	832	12	2.32	8	19	34	46	5.85	19	4.04	<10	17	1.71	6493	<2	0.50	<10	4	6	0.78	30	14	<10	73	9	<10	0.30	148	<10	7	383	47
A067749	<1	8.83	17	394	13	2.43	4	20	28	16	5.90	17	1.86	<10	13	2.00	3994	<2	3.54	<10	2	<2	0.81	<5	15	<10	147	10	<10	0.28	145	<10	8	123	26
A067750	<1	8.27	<10	87	8	3.92	2	16	46	44	4.68	15	0.31	10	24	1.76	1450	<2	5.18	<10	11	4	0.13	<5	15	<10	192	9	<10	0.28	112	<10	10	58	26
A067751	<1	9.53	<10	867	13	1.15	3	24	21	16	6.65	17	0.78	<10	104	2.17	1980	<2	4.32	<10	6	3	0.07	5	24	<10	371	11	<10	0.40	222	<10	15	91	19
A067752	<1	11.21	<10	1174	9	2.04	3	24	51	250	5.04	26	1.75	11	27	1.38	2701	<2	3.14	<10	26	6	0.06	<5	36	<10	194	12	<10	0.44	288	<10	16	115	27
A067753	<1	8.61	<10	996	10	0.27	3	26	59	97	5.44	21	0.48	<10	34	1.05	1443	<2	5.28	<10	21	3	0.06	<5	26	<10	133	10	<10	0.37	212	<10	10	212	32
A067754	<1	10.42	<10	286	11	0.29	3	35	36	282	5.77	20	0.77	10	45	2.44	521	<2	3.66	<10	19	6	0.01	<5	29	<10	210	9	<10	0.45	270	<10	8	260	34
A067755	<1	9.31	<10	823	9	0.15	4	9	43	5	3.49	16	2.25	<10	16	0.71	168	<2	3.33	<10	3	15	<0.01	<5	14	<10	99	9	<10	0.23	108	<10	7	32	36
A067756	<1	6.69	<10	451	9	7.47	2	19	44	48	4.60	12	0.57	<10	100	1.99	1836	<2	3.41	<10	3	2	0.46	8	15	<10	367	6	<10	0.22	104	<10	15	95	12
A067757	<1	1.65	<10	3226	<5	23.00	<1	6	162	<1	1.50	5	0.42	<10	14	1.01	2870	<2	0.30	<10	23	<2	0.71	<5	12	<10	1085	<5	<10	0.08	30	<10	21	12	2
A067758	<1	8.52	<10	223	12	2.05	3	21	24	20	5.88	18	0.27	<10	51	1.86	1045	<2	5.59	<10	2	2	0.31	<5	14	<10	203	7	<10	0.32	141	<10	7	84	36
A067759	<1	8.77	<10	692	14	6.60	4	30	150	1	6.53	21	2.53	<10	33	2.34	1112	<2	2.48	<10	57	<2	0.18	5	32	<10	206	6	<10	0.46	147	<10	12	60	45
A067760	<1	9.64	<10	729	6	2.21	3	29	30	51	4.12	17	1.25	<10	30	1.90	1211	<2	3.36	<10	5	7	0.07	<5	21	<10	209	10	<10	0.34	152	<10	9	138	20
A067761	<1	9.18	<10	824	10	4.32	3	16	27	<1	5.18	17	1.65	<10	15	1.70	1227	<2	1.25	<10	3	4	0.13	5	18	<10	205	8	<10	0.29	175	<10	9	81	18
A067762	<1	5.78	<10	199	7	15.64	2	11	11	19	3.24	11	0.49	<10	45	1.19	1996	<2	3.04	<10	<2	6	0.47	<5	10	<10	603	5	<10	0.15	89	<10	11	57	18
A067763	<1	9.56	<10	777	11	3.22	3	16	25	31	5.19	16	0.77	<10	32	2.04	1417	<2	5.16	<10	<2	4	0.10	<5	17	<10	211	7	<10	0.25	143	<10	8	82	27
A067764	<1	9.12	<10	447	13	3.10	4	19	21	56	5.74	17	0.90	<10	26	2.17	1681	<2	4.58	<10	2	<2	0.13	<5	15	<10	207	7	<10	0.26	146	<10	8	146	28
A067765	<1	9.52	<10	327	13	2.99	4	22	22	42	6.10	18	1.22	<10	33	2.22	2217	<2	4.41	<10	2	<2	0.47	<5	17	<10	213	7	<10	0.28	162	<10	8	300	35
A067766	<1	8.74	<10	103	9	2.97	3	10	23	29	3.65	12	0.36	<10	10	1.09	1269	<2	6.53	<10	<2	7	0.34	<5	10	<10	168	9	<10	0.21	68	<10	8	78	32
A067767	<1	6.29	<10	65	5	2.88	2	8	48	14	2.49	8	0.21	<10	1	0.67	1326	<2	6.03	<10	<2	6	0.87	<5	6	<10	130	7	<10	0.16	29	<10	6	8	19
A067768	<1	9.21	<10	656	11	1.88	4	20	22	12	5.87	16	1.04	<10	24	1.96	1432	<2	4.71	<10	2	3	0.19	<5	12	<10	203	9	<10	0.28	124	<10	8	217	37
A067769	<1	8.33	<10	139	10	2.69	3	20	25	31	5.21	14	0.26	<10	17	1.78	1321	<2	5.52	<10	4	7	0.46	<5	15	<10	308	9	<10	0.29	155	<10	8	67	31
A067770	<1	6.88	41	58	<5	2.00	8	9	19	24	2.30	11	0.08	<10	9	0.79	733	<2	6.59	<10	2	233	0.39	<5	8	<10	138	7	<10	0.22	62	<10	5	320	26
A067771	2	3.80	>10000	349	15	1.78	2	17	76	87	4.11	11	1.48	14	7	0.82	529	17	0.44	<10	51	655	0.81	<5	8	<10	97	<5	<10	0.10	64	<10	5	199	71
A067772	<1	9.01	<10	120	13	2.68	3	19	19	16	5.82	16	0.16	<10	35	2.11	1613	<2	5.30	<10	3	3	0.19	<5	14	<10	290	10	<10	0.27	122	<10	9	133	31
A067773	<1	9.62	<10	83	13	1.67	3	21	18	23	6.10	17	0.13	<10	34	2.38	1506	<2	5.40	<10	3	8	0.07	<5	14	<10	266	10	<10	0.29	143	<10	8	116	32
A067774	<1	7.44	<10	93	9	5.54	3	15	18	11	4.73	11	0.24	<10	9	2.06	2019	<2	5.25	<10	2	<2	0.47	<5	15	<10	360	6	<10	0.25	83	<10	10	47	32

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.

**Metal Mountain**

Project : Dome

Attention : Daryl Hanson

**ICP-AES Report**

Multi-Acid Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
A067775	<1	8.93	<10	73	13	2.23	3	21	18	14	5.73	15	0.12	<10	35	1.81	1451	<2	5.34	<10	4	4	0.08	<5	15	<10	264	8	<10	0.27	149	<10	8	100	31
A067776	<1	5.53	121	15	8	13.47	2	25	186	<1	4.08	13	0.02	<10	15	2.54	1584	<2	0.79	<10	86	<2	0.39	22	24	<10	3471	6	<10	0.25	218	<10	9	20	20
A067777	<1	7.11	128	25	11	11.02	4	41	297	<1	6.08	13	0.08	<10	25	4.17	1864	<2	0.97	<10	137	<2	0.31	20	39	<10	3502	6	<10	0.41	291	<10	14	44	37
A067778	<1	6.86	61	15	11	12.38	3	42	350	26	5.97	12	0.09	<10	19	4.40	1629	<2	0.35	<10	150	<2	0.36	6	36	<10	2858	5	<10	0.38	266	<10	13	38	44
A067779	2	8.95	<10	812	11	2.74	3	23	27	49	5.82	17	1.63	<10	31	2.14	1269	<2	3.14	<10	4	29	2.31	<5	21	<10	168	8	<10	0.30	165	<10	6	134	36
A067780	<1	9.54	<10	1072	11	2.38	4	15	23	36	5.61	16	1.81	<10	45	2.72	1314	<2	2.90	<10	4	17	0.71	<5	25	<10	174	9	<10	0.32	182	<10	6	138	29
A067781	<1	9.11	<10	238	11	2.15	3	18	20	19	5.16	17	0.17	<10	42	1.64	1040	<2	5.46	<10	2	6	0.33	<5	14	<10	223	8	<10	0.29	130	<10	8	62	30
A067782	2	9.13	<10	1821	12	2.94	4	23	26	60	5.29	19	2.82	<10	21	1.51	904	<2	2.37	<10	5	37	2.59	<5	25	<10	191	8	<10	0.34	187	<10	6	60	36
A067783	3	10.07	<10	722	8	0.89	5	29	26	132	4.67	22	4.53	<10	13	0.87	324	<2	0.88	<10	4	326	3.16	<5	23	<10	72	7	<10	0.32	242	<10	7	15	54
A067784	2	9.69	<10	732	12	0.82	5	22	51	48	5.82	21	4.35	<10	8	0.77	230	<2	0.60	<10	2	75	4.47	<5	19	<10	66	9	<10	0.31	226	<10	10	16	61
A067785	1	9.10	12	899	11	1.74	4	14	31	69	4.74	21	4.40	<10	12	0.94	408	<2	0.53	<10	3	45	2.50	<5	15	<10	75	8	<10	0.30	144	<10	7	46	48
A067786	<1	8.73	<10	902	13	4.75	4	17	25	14	6.55	18	3.44	<10	10	1.37	1167	<2	1.23	<10	<2	8	0.15	9	24	<10	149	9	<10	0.50	238	<10	10	78	27
A067787	<1	8.74	<10	718	8	4.33	3	13	18	15	4.74	17	2.90	<10	6	1.29	1150	<2	1.85	<10	<2	8	0.13	8	21	<10	145	8	<10	0.43	192	<10	10	52	19
A067788	<1	7.85	<10	2292	8	3.15	3	12	28	1	4.12	17	3.59	<10	5	1.60	902	<2	1.38	<10	<2	6	0.12	5	15	<10	182	7	<10	0.35	331	<10	8	51	21
A067789	<1	9.37	<10	703	10	3.23	3	14	23	<1	5.33	20	4.61	<10	5	1.87	796	<2	0.21	<10	<2	10	0.09	<5	19	<10	95	10	<10	0.22	152	<10	10	52	15
A067790	5	3.90	>10000	296	18	1.80	2	19	53	117	4.08	13	1.18	10	10	0.78	582	22	0.89	<10	51	733	0.83	5	9	<10	108	<5	<10	0.12	72	<10	7	212	53
A067791	<1	8.84	11	424	9	4.37	3	28	38	36	5.06	15	1.51	<10	32	1.90	1590	<2	0.18	<10	7	11	0.33	34	26	<10	96	10	<10	0.29	178	<10	9	99	22
A067792	1	8.85	11	478	9	3.18	3	18	32	567	4.45	14	1.56	<10	24	1.98	1232	<2	3.18	<10	4	<2	0.12	43	24	<10	172	10	<10	0.30	161	<10	8	51	17
A067793	<1	7.75	17	457	10	3.86	3	18	47	5	5.58	13	2.20	<10	8	1.44	2700	<2	2.08	<10	4	8	1.17	<5	17	<10	150	9	<10	0.27	122	<10	7	41	15
A067794	<1	8.88	<10	529	10	3.12	3	23	30	4	5.35	16	2.14	<10	27	2.41	2840	<2	2.25	<10	6	5	0.39	<5	20	<10	154	10	<10	0.30	165	<10	7	153	16
A067795	<1	8.39	<10	873	9	4.28	3	16	25	<1	4.80	13	2.01	<10	3	1.83	1932	<2	3.36	<10	2	8	0.14	5	18	<10	206	10	<10	0.28	84	<10	6	80	10
A067796	<1	9.16	<10	366	8	2.82	3	20	15	<1	4.32	18	1.28	<10	26	2.84	1556	<2	3.05	<10	3	11	0.11	6	20	<10	235	9	<10	0.33	429	<10	6	165	16
A067797	<1	7.95	<10	1052	11	3.07	3	15	55	44	4.75	16	2.08	<10	11	2.21	2461	<2	2.46	<10	3	6	0.60	<5	19	<10	169	8	<10	0.20	156	<10	5	174	12
A067798	<1	8.79	<10	842	9	3.70	4	15	49	63	4.64	16	2.22	<10	14	2.16	2712	<2	2.89	<10	4	7	0.36	<5	19	<10	211	7	<10	0.23	144	<10	6	296	23
A067799	<1	9.26	<10	177	9	2.20	3	18	22	14	5.14	18	0.11	<10	38	1.80	1090	<2	5.63	<10	<2	5	0.07	<5	13	<10	214	8	<10	0.27	126	<10	8	56	26
A067800	<1	8.49	<10	254	9	1.59	3	18	34	15	4.80	18	0.63	<10	39	1.68	1363	<2	5.07	<10	2	8	0.09	<5	13	<10	269	8	<10	0.23	142	<10	6	81	24
A067801	<1	8.08	14	122	11	3.04	3	22	97	8	5.07	19	0.60	<10	24	2.08	1533	<2	4.09	<10	20	2	0.09	<5	18	<10	158	9	<10	0.27	145	<10	10	128	28
A067802	<1	9.90	<10	339	11	1.05	3	21	21	66	5.39	22	1.41	<10	57	3.10	1702	<2	2.48	<10	7	6	0.03	<5	16	<10	250	9	<10	0.34	189	<10	9	192	22
A067803	<1	7.01	<10	327	5	5.83	2	7	36	94	3.12	11	0.60	<10	4	0.23	672	<2	4.63	<10	3	8	0.18	<5	10	<10	276	6	<10	0.19	90	<10	9	4	32
A067804	<1	6.84	11	431	6	4.01	2	6	46	15	3.23	11	0.84	<10	2	0.21	743	<2	4.39	<10	3	9	0.12	<5	10	<10	246	6	<10	0.20	98	<10	8	1	29

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.

**Metal Mountain**

Project : Dome

Attention : Daryl Hanson

**ICP-AES Report**

Multi-Acid Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
A067805	<1	6.63	<10	302	7	3.41	2	8	39	149	3.11	13	0.77	<10	1	0.15	623	<2	4.88	<10	3	6	0.10	<5	9	<10	214	6	<10	0.21	86	<10	7	6	39
A067806	1	9.96	<10	1020	9	0.23	4	22	23	103	4.99	22	3.16	<10	21	0.64	1206	<2	0.58	<10	5	125	1.34	10	22	<10	128	5	<10	0.34	153	<10	9	118	42
A067807	<1	10.79	25	712	9	0.41	4	21	15	17	6.09	24	2.28	11	31	0.49	1748	<2	0.44	<10	7	21	0.89	31	29	<10	131	6	<10	0.67	206	<10	18	82	56
A067808	<1	9.15	<10	299	10	2.10	3	23	24	<1	5.46	19	0.70	<10	54	2.01	1214	<2	4.82	<10	4	3	0.06	<5	20	<10	572	7	<10	0.29	186	<10	9	54	13
A067809	2	8.06	<10	457	10	3.97	3	19	27	527	4.86	17	0.85	<10	73	1.93	1446	<2	3.87	<10	3	<2	0.13	<5	17	<10	775	9	<10	0.26	169	<10	9	51	11
A067810	2	3.78	>10000	330	16	1.66	2	15	71	82	3.87	12	1.48	13	7	0.80	498	17	0.42	<10	47	628	0.73	<5	7	<10	90	<5	<10	0.09	61	<10	5	180	66
A067811	<1	8.45	<10	501	11	4.88	3	22	30	10	6.05	18	0.91	<10	73	2.59	1856	<2	3.49	<10	4	<2	0.15	<5	22	<10	959	10	<10	0.32	190	<10	12	66	10
A067812	<1	8.30	<10	248	13	2.46	3	31	118	<1	6.16	19	0.54	<10	73	3.65	1618	<2	3.63	<10	57	3	0.07	<5	27	<10	441	10	<10	0.38	194	<10	11	96	14
A067813	<1	5.59	<10	186	<5	1.16	2	5	65	8	2.13	8	0.08	<10	5	0.51	537	<2	4.28	<10	5	7	0.04	<5	5	<10	313	6	<10	0.12	52	<10	4	2	10
A067814	<1	9.18	<10	310	11	1.50	3	25	40	48	6.25	20	0.70	<10	33	3.16	1371	<2	4.42	<10	13	4	0.04	<5	19	<10	449	11	<10	0.36	219	<10	9	100	20
A067815	3	7.84	<10	2214	6	3.54	3	23	26	122	4.65	17	2.19	<10	12	1.74	1020	<2	2.17	<10	4	72	1.32	<5	18	<10	191	10	<10	0.27	140	<10	7	163	23
A067816	1	7.64	<10	4327	7	3.55	3	15	23	121	3.32	17	2.52	<10	5	1.17	843	<2	2.14	<10	4	28	1.32	<5	17	<10	257	8	<10	0.26	134	<10	7	70	25
A067817	<1	8.71	<10	290	8	1.57	3	23	20	19	4.71	19	0.15	<10	30	1.93	1257	<2	5.20	<10	3	5	0.05	<5	13	<10	360	9	<10	0.21	127	<10	7	78	30
A067818	<1	5.62	<10	1602	<5	2.61	2	9	48	244	1.87	9	0.17	<10	13	0.81	696	<2	3.65	<10	9	7	0.12	<5	12	<10	1177	5	<10	0.20	73	<10	7	16	17
A067819	<1	7.40	<10	237	6	2.14	2	15	38	36	3.61	14	0.38	<10	34	1.26	785	<2	3.71	<10	6	7	0.06	<5	16	<10	620	8	<10	0.24	112	<10	8	94	17
A067820	<1	7.75	<10	471	5	1.37	3	10	38	165	3.13	17	0.92	<10	25	1.31	1392	<2	3.79	<10	4	8	0.17	<5	12	<10	385	7	<10	0.23	74	<10	9	109	45
A067821	<1	8.07	<10	203	5	1.37	3	11	31	19	3.05	19	0.44	<10	27	1.45	964	<2	5.13	<10	4	10	0.09	<5	12	<10	439	8	<10	0.21	75	<10	10	119	48
A067822	<1	8.77	<10	134	10	2.68	3	17	25	18	4.77	17	0.11	<10	53	1.53	1101	<2	5.41	<10	2	8	0.08	<5	14	<10	228	9	<10	0.27	136	<10	8	50	24
A067823	<1	5.80	<10	183	<5	3.33	2	10	50	102	2.24	10	0.36	<10	22	0.97	825	<2	3.18	<10	11	9	0.11	<5	12	<10	536	6	<10	0.19	76	<10	9	61	25
A067824	<1	6.02	<10	542	7	4.26	2	19	62	32	4.72	17	1.02	<10	31	1.68	917	<2	1.75	<10	29	<2	0.13	<5	21	<10	557	8	<10	0.31	127	<10	9	65	15
A067825	<1	8.15	13	2382	8	4.58	4	14	28	10	4.60	19	3.33	<10	5	1.89	1805	<2	0.79	<10	3	8	0.58	8	17	<10	197	10	<10	0.25	144	<10	7	102	17
A067826	<1	7.87	<10	2510	8	4.04	3	13	21	5	4.24	19	3.41	<10	5	1.77	1521	<2	0.52	<10	3	8	0.26	6	15	<10	195	10	<10	0.26	139	<10	6	115	20
A067827	<1	8.50	<10	1217	10	1.53	3	16	23	<1	4.69	17	1.34	<10	21	1.71	807	<2	4.11	<10	<2	9	0.06	<5	17	<10	226	8	<10	0.27	156	<10	4	90	19
A067828	<1	8.60	<10	1311	9	2.63	3	14	23	11	4.42	19	1.64	<10	20	1.91	1163	<2	3.59	<10	3	9	0.10	<5	16	<10	197	9	<10	0.25	130	<10	5	83	18
A067829	14	4.14	61	586	26	1.61	8	23	64	2981	7.52	12	1.94	<10	3	0.57	1867	13	0.13	<10	3	215	5.75	7	9	<10	23	5	<10	0.08	104	86	3	304	10
A067830	69	3.07	231	209	268	0.02	22	25	85	>10000	10.67	11	1.30	<10	3	0.15	429	10	0.20	<10	8	651	8.30	96	4	<10	16	6	16	0.05	4	<10	2	714	16
A067831	<1	9.38	<10	1991	12	2.86	4	17	19	7	5.80	20	1.20	<10	37	2.16	2023	<2	3.67	<10	<2	12	0.24	5	23	<10	268	9	<10	0.42	175	<10	11	255	24
A067832	5	3.81	>10000	296	17	1.86	2	19	59	118	4.15	12	1.14	<10	9	0.77	599	23	0.88	<10	51	755	0.86	5	9	<10	104	<5	<10	0.11	71	<10	7	219	51
A067833	1	1.51	<10	6440	<5	3.43	4	<1	11	184	0.86	3	0.06	<10	3	0.23	399	<2	0.93	<10	<2	20	0.30	<5	3	<10	1694	<5	<10	0.06	21	<10	2	25	3
A067834	<1	9.65	<10	7689	14	1.83	3	10	18	87	7.37	16	1.38	<10	14	1.34	1558	<2	5.07	<10	<2	37	0.19	5	22	<10	340	11	<10	0.45	129	<10	8	225	34

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.



# SGS Canada Inc.

8282 Sherbrooke Street, Vancouver, British Columbia, V5X 4R6

T: (604) 327-3436 F: (604) 327-3423

Report No : 0S0116RR

Date : Nov-17-10

Sample type : CORE

## Metal Mountain

Project : Dome

Attention : Daryl Hanson

## ICP-AES Report

Multi-Acid Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
A067835	<1	9.97	<10	7985	13	2.09	3	16	22	18	7.50	17	1.41	<10	18	1.70	1912	<2	4.63	<10	<2	110	0.23	5	22	<10	305	11	<10	0.45	144	<10	8	284	29
A067836	<1	8.83	<10	745	9	4.28	2	17	23	<1	5.34	18	1.64	10	14	0.93	1234	<2	3.82	<10	<2	7	0.21	<5	16	<10	175	11	<10	0.40	151	<10	9	56	30
A067837	<1	8.28	<10	931	8	3.92	2	13	33	1	4.61	15	1.69	<10	11	0.77	1294	<2	3.62	<10	2	8	0.53	<5	16	<10	182	10	<10	0.29	156	<10	8	41	38
A067838	<1	8.60	<10	922	9	4.79	2	17	18	<1	5.60	20	2.22	<10	17	1.12	1357	<2	2.42	<10	<2	3	0.16	<5	15	<10	159	10	<10	0.31	146	<10	9	76	34
A067839	<1	8.23	<10	731	7	5.24	2	9	25	<1	4.54	16	0.97	<10	8	0.61	1309	<2	4.60	<10	<2	5	0.17	<5	15	<10	219	11	<10	0.34	144	<10	8	49	27
A067840	<1	8.64	<10	915	10	4.81	2	12	21	8	5.22	18	1.95	<10	9	0.67	1369	<2	3.43	<10	<2	4	0.67	<5	15	<10	168	9	<10	0.26	139	<10	8	69	32
A067841	<1	9.15	<10	202	11	2.40	2	20	26	17	5.79	15	0.21	<10	50	2.02	1215	<2	5.08	<10	2	5	0.07	<5	15	<10	193	13	<10	0.26	128	<10	8	73	22
A067842	<1	8.86	<10	1242	9	4.10	2	15	18	<1	6.05	17	2.69	<10	13	0.92	1341	<2	2.01	<10	<2	3	0.31	<5	16	<10	149	12	<10	0.35	164	<10	9	144	28
A067843	<1	8.05	<10	758	8	4.38	2	12	19	<1	4.48	16	1.90	<10	13	0.96	1251	<2	2.80	<10	<2	3	0.14	<5	14	<10	187	9	<10	0.30	124	<10	8	59	40
A067844	<1	7.75	<10	891	9	4.17	2	13	22	3	4.97	13	1.55	<10	13	1.02	1267	<2	3.15	<10	<2	4	0.52	<5	13	<10	221	9	<10	0.26	126	<10	9	69	33
A067845	<1	8.42	<10	1453	8	4.07	2	17	19	12	5.41	15	1.43	<10	23	1.72	1742	<2	3.05	<10	2	4	0.64	<5	20	<10	165	11	<10	0.29	169	<10	7	134	18
A067846	<1	8.88	<10	858	11	1.83	2	17	22	<1	5.65	18	1.26	<10	27	2.25	1448	<2	3.61	<10	<2	10	0.37	<5	19	<10	133	12	<10	0.33	170	<10	7	159	23
A067847	1	9.06	<10	1137	11	2.94	12	21	21	157	5.53	17	2.25	<10	24	2.28	1958	<2	2.40	<10	<2	287	0.81	5	18	<10	128	9	<10	0.27	187	<10	6	378	20
A067848	<1	9.24	<10	828	10	1.16	2	15	23	3	5.42	15	1.84	<10	23	2.04	1487	<2	3.30	<10	<2	15	1.26	<5	18	<10	106	12	<10	0.31	162	<10	7	142	27
<b>Duplicates:</b>																																			
A067745	<1	9.39	13	191	11	1.71	4	22	26	26	6.15	15	0.45	<10	37	2.92	1850	<2	4.96	<10	2	6	0.15	<5	16	<10	210	10	<10	0.32	166	<10	7	119	30
A067754	<1	9.91	<10	303	13	0.33	4	39	40	294	5.87	17	0.78	<10	42	2.40	551	<2	3.60	<10	21	9	0.01	<5	28	<10	199	10	<10	0.44	278	<10	7	282	43
A067764	<1	9.04	<10	488	11	3.42	3	21	22	56	6.12	14	0.84	<10	24	2.23	1778	<2	4.44	<10	3	<2	0.15	<5	16	<10	215	10	<10	0.24	153	<10	8	167	20
A067767	<1	7.15	<10	65	6	2.72	2	7	43	14	2.41	8	0.23	<10	1	0.65	1291	<2	5.94	<10	<2	9	0.85	<5	6	<10	134	7	<10	0.14	28	<10	6	6	20
A067776	<1	5.70	116	17	8	13.12	2	25	187	<1	3.97	13	0.03	<10	16	2.57	1590	<2	0.82	<10	86	<2	0.39	22	24	<10	3524	6	<10	0.25	219	<10	9	19	21
A067786	<1	9.18	<10	828	12	4.43	4	16	28	13	6.10	17	3.44	<10	10	1.34	1105	<2	1.28	<10	<2	7	0.14	8	25	<10	145	8	<10	0.47	220	<10	10	70	28
A067789	<1	9.47	<10	663	10	3.10	3	15	21	<1	5.23	19	4.70	<10	6	1.86	769	<2	0.24	<10	<2	11	0.09	9	18	<10	89	9	<10	0.36	150	<10	9	48	19
A067798	<1	8.53	<10	896	10	3.86	5	17	38	68	4.51	16	2.10	<10	13	2.06	2804	<2	2.79	<10	4	10	0.40	<5	20	<10	206	10	<10	0.25	151	<10	7	342	23
A067808	<1	8.83	<10	331	10	2.31	3	25	28	<1	5.72	17	0.67	<10	51	2.03	1287	<2	4.60	<10	4	6	0.07	5	21	<10	573	10	<10	0.31	198	<10	9	66	13
A067811	<1	7.89	<10	464	10	4.50	3	21	35	11	5.58	17	0.85	<10	68	2.36	1756	<2	3.27	<10	4	3	0.14	<5	20	<10	894	9	<10	0.29	177	<10	11	64	9
A067820	<1	7.88	<10	508	7	1.44	3	12	56	172	3.30	18	0.91	<10	25	1.34	1495	<2	3.79	<10	4	15	0.21	<5	13	<10	394	9	<10	0.15	77	<10	8	128	34
A067830	70	3.02	241	206	269	0.03	23	26	107	>10000	11.46	10	1.28	<10	3	0.16	435	11	0.24	<10	9	689	9.12	113	4	<10	16	8	13	0.03	4	<10	2	806	19
A067833	1	1.44	<10	5591	<5	3.49	4	<1	11	186	0.86	3	0.05	<10	3	0.22	400	<2	0.89	<10	<2	17	0.30	<5	3	<10	1520	<5	<10	0.06	21	<10	2	26	2
A067842	<1	8.92	<10	1234	10	4.18	3	14	18	<1	6.07	20	2.76	<10	13	0.92	1359	<2	2.17	<10	<2	<2	0.29	<5	16	<10	148	10	<10	0.32	158	<10	8	142	39

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.



**SGS Canada Inc.**

8282 Sherbrooke Street, Vancouver, British Columbia, V5X 4R6

T: (604) 327-3436 F: (604) 327-3423

**Report No : 0S0116RR**

Date : Nov-17-10

Sample type : CORE

**Metal Mountain**

Project : Dome

Attention : Daryl Hanson

**ICP-AES Report**

Multi-Acid Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm			
<b>Standards:</b>																																						
Blank	<1	<0.01	<10	<10	<5	<0.01	<1	<1	1	<1	<0.01	<1	<0.01	<10	<1	<0.01	<5	<2	0.01	<10	<2	<2	<0.01	<5	<1	<10	<1	<5	<10	<0.01	<1	<10	<1	<1	1			
CH-4	3	7.75	<10	489	10	1.76	4	26	94	2105	5.39	23	1.91	15	14	1.41	490	2	3.34	<10	54	18	0.59	<5	12	<10	204	8	<10	0.29	87	<10	10	203	140			

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.

Signed: \_\_\_\_\_ 



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

*Quality Assaying for over 35 Years*

**Assay Certificate**

**OS-0004-RA1**

Company: **Metal Mountain Resources Inc**  
Project: **Dome**  
Attn: **D Hanson/C Fraser/R Boyce**

**Mar-24-10**

We hereby certify the following assay of 22 core samples submitted Mar-01-10

<b>Sample Name</b>	<b>Au g/tonne</b>	<b>Ag g/tonne</b>	<b>Sample-wt Kg</b>
A061203	<0.03	2.6	4.0
A061204	<0.03	0.9	3.0
A061205	<0.03	2.6	3.5
A061206	<0.03	1.7	3.5
A061207	0.03	3.3	3.0
A061208	0.03	3.2	3.5
A061209	0.03	1.5	1.0
A061210	0.03	3.4	1.0
A061211	<0.03	2.5	1.5
A061212	8.57	4.3	0.1
A061213	<0.03	<0.1	4.0
A061214	<0.03	<0.1	3.5
A061215	<0.03	0.5	3.5
A061216	<0.03	<0.1	3.0
A061217	<0.03	<0.1	1.0
A061218	<0.03	<0.1	1.0
A061219	<0.03	<0.1	2.0
A061220	0.03	0.1	1.5
A061221	<0.03	<0.1	1.0
A061222	<0.03	0.8	2.5
A061223	<0.03	0.1	2.0
A061224	<0.03	1.0	2.5
*DUP A061203	0.03	2.1	
*DUP A061212	8.93	2.5	
*DUP A061222	<0.03	0.8	
*AC 0501	8.57	226.7	
*BLANK	<0.03	<0.1	

Au,Ag F.A/Grav.

Certified by



*Quality Assaying for over 35 Years*

## Assay Certificate

0S-0004-RA2

Company: **Metal Mountain Resources Inc**  
Project: **Dome**  
Attn: **D Hanson/C Fraser/R Boyce**

Mar-24-10

We hereby certify the following assay of 21 core samples  
submitted Mar-01-10

Sample Name	Au g/tonne	Ag g/tonne	Zn %	Sample-wt Kg
A061225	<0.03	0.4		0.5
A061226	0.03	<0.1		1.0
A061227	0.13	0.5		1.0
A061228+A061229	2.87	6.3		3.0
A061230	<0.03	<0.1		1.0
A061231	<0.03	<0.1		1.0
A061232	<0.03	<0.1		1.0
A061233	11.77	2.1		0.1
A061234	<0.03	0.9		1.0
A061235	<0.03	<0.1		0.9
A061236	0.03	<0.1		0.6
A061237	<0.03	0.6		1.0
A061238	0.17	0.9		3.0
A061239	0.67	7.5	4.14	0.8
A061240	<0.03	<0.1		2.0
A061241	<0.03	0.5		0.9
A061242	<0.03	0.6		0.9
A061243	5.63	3.1		1.0
A061244	<0.03	0.8		0.4
A061245	0.03	1.0		1.5
*DUP A061225	0.03	<0.1		
*DUP A061234	<0.03	0.4		
*DUP A061244	0.03	1.3		
*AC 0501	8.37	231.4		
*ME-3			0.84	
*BLANK	<0.03	<0.1	<0.01	

Au,Ag F.A/Grav.; Zn by 4 acid digest AA finish

Certified by



*Quality Assaying for over 35 Years***Assay Certificate****0S-0004-RA3**

Company: **Metal Mountain Resources Inc**  
Project: **Dome**  
Attn: **D Hanson/C Fraser/R Boyce**

**Mar-24-10**

We hereby certify the following assay of 4 rock samples  
submitted Mar-01-10

<b>Sample Name</b>	<b>Au g/tonne</b>	<b>Ag g/tonne</b>	<b>Sample-wt Kg</b>
A058299/rock	0.03	0.2	0.6
A058300/rock	<0.03	<0.1	1.0
A058301/rock	<0.03	<0.1	0.04
A058302/rock	0.03	<0.1	0.03
*DUP A058299/rock	0.03	<0.1	
*AC 0501	8.57	228.1	
*BLANK	<0.03	<0.1	

Au,Ag F.A/Grav.

Certified by \_\_\_\_\_



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

Report No : 0S0004RR  
 Date : Mar-24-10  
 Sample type : Rock


**Metal Mountain Resources Inc**  
 Project : Dome  
 Attention : D Hanson/C Fraser/R Boyce

**ICP-AES Report**  
 Multi-Acid Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
A061203	2	8.66	31	796	34	5.05	72	34	36	74	6.33	55	1.09	10	18	1.82	3364	7	3.60	<10	21	59	0.41	11	26	77	206	<5	20	0.39	246	38	25	1675	93
A061204	<1	8.87	<10	387	135	3.13	29	37	22	11	5.93	58	0.95	<10	41	2.55	1691	2	4.27	<10	14	<2	0.35	5	24	42	565	<5	15	0.33	249	<10	9	132	13
A061205	1	5.14	14	687	111	0.28	25	35	54	59	8.09	54	1.18	<10	56	0.55	5822	2	0.32	<10	16	15	0.06	69	17	17	34	<5	22	0.32	182	35	13	322	22
A061206	1	7.05	<10	673	17	0.38	12	38	30	61	8.04	54	1.11	<10	38	0.64	4590	<2	1.69	<10	17	5	0.07	27	22	<10	83	<5	16	0.27	151	13	12	244	18
A061207	1	6.71	35	528	31	0.33	10	57	35	228	7.02	43	0.82	<10	37	0.48	4120	<2	2.17	<10	26	4	0.20	53	21	18	82	<5	18	0.32	165	30	12	253	23
A061208	<1	7.05	20	1833	<5	0.45	10	29	34	238	7.29	44	1.32	<10	28	0.57	4628	<2	2.04	<10	6	4	0.08	62	25	<10	118	<5	19	0.35	213	43	15	271	28
A061209	<1	7.46	<10	1505	32	1.84	10	28	25	77	7.55	68	1.31	<10	25	2.78	3144	<2	2.72	<10	18	3	0.25	9	19	17	118	<5	19	0.32	168	28	6	163	16
A061210	<1	7.92	<10	926	52	3.46	7	26	33	2	5.16	48	1.51	<10	14	1.52	1545	2	3.65	<10	9	<2	0.07	7	21	37	166	<5	14	0.32	223	24	8	120	13
A061211	<1	7.83	13	848	49	3.21	6	28	27	54	5.25	43	1.25	<10	15	1.46	1112	5	3.86	<10	13	4	0.26	9	19	48	250	<5	13	0.29	114	<10	7	139	14
A061212	3	3.68	>10000	307	106	2.08	4	23	81	121	4.31	22	1.17	<10	10	0.78	628	20	0.90	<10	61	842	0.98	8	9	41	100	<5	<10	0.12	92	<10	7	230	50
A061213	<1	5.93	33	236	81	9.88	5	16	35	23	4.43	32	0.43	<10	17	1.02	1493	6	2.98	<10	23	9	1.24	<5	15	128	169	<5	<10	0.24	101	<10	20	72	56
A061214	<1	7.90	31	311	24	3.86	6	29	36	37	5.84	48	0.60	<10	26	1.63	966	3	3.64	<10	21	5	1.08	5	22	49	146	<5	14	0.34	195	<10	21	166	62
A061215	<1	4.90	18	155	13	15.42	4	16	28	17	3.41	30	0.37	<10	9	0.83	1403	9	2.75	<10	23	14	1.37	<5	13	143	236	<5	<10	0.19	100	<10	14	64	35
A061216	<1	5.06	280	228	204	11.08	12	13	49	22	3.77	34	0.66	<10	5	0.86	3057	5	2.55	<10	11	28	0.51	<5	14	126	260	<5	<10	0.23	96	16	14	550	47
A061217	<1	8.78	11	100	35	3.23	3	18	22	30	4.26	37	0.05	<10	13	1.36	1881	2	6.37	<10	11	<2	0.11	<5	15	36	215	<5	<10	0.26	133	<10	10	71	30
A061218	<1	8.33	25	113	89	2.08	5	29	23	23	6.14	45	0.10	<10	24	2.86	1395	<2	5.42	<10	4	2	0.85	7	14	21	245	<5	15	0.29	168	13	8	91	27
A061219	<1	8.19	13	137	92	3.33	3	19	31	32	3.18	30	0.21	<10	25	0.98	938	<2	6.22	<10	12	58	0.17	<5	13	53	210	<5	12	0.27	100	<10	12	91	43
A061220	<1	5.49	13	68	<5	2.69	3	15	98	98	2.90	29	0.05	<10	15	1.01	985	<2	5.99	<10	25	19	0.17	5	9	35	232	<5	<10	0.25	53	23	7	68	36
A061221	<1	8.74	14	182	75	3.97	4	36	26	8	6.47	46	0.45	<10	95	2.46	1498	3	4.74	<10	19	<2	1.23	7	24	22	314	<5	17	0.34	258	<10	10	96	16
A061222	<1	9.57	<10	4041	15	5.30	4	55	32	125	6.32	58	2.33	11	23	3.01	2050	2	2.45	<10	29	<2	0.18	5	38	54	268	<5	13	0.45	322	<10	9	369	25
A061223	<1	5.14	<10	4703	<5	0.58	2	<1	42	22	3.10	24	0.90	<10	14	0.33	741	<2	4.32	<10	9	<2	0.43	<5	9	14	157	<5	<10	0.21	104	<10	5	60	15
A061224	<1	7.63	<10	1207	47	2.22	2	15	45	7	3.67	27	1.88	<10	12	0.78	1265	3	2.90	<10	13	<2	0.23	9	14	32	102	<5	<10	0.22	144	23	8	69	20
A061225	<1	0.05	<10	34	60	>25.00	<1	1	6	<1	0.08	20	0.01	<10	1	1.48	38	5	0.03	<10	24	10	0.94	<5	<1	272	5120	<5	<10	<0.01	1	<10	<1	11	<1
A061226	<1	5.99	47	997	128	2.99	6	16	51	27	3.81	33	3.18	<10	15	0.89	2022	3	0.18	<10	9	112	0.75	25	12	74	61	<5	10	0.22	205	<10	8	307	19
A061227	1	7.62	214	845	30	4.07	11	18	37	23	4.32	42	3.62	<10	8	1.09	4818	<2	0.18	<10	14	169	1.28	11	13	48	95	<5	11	0.22	188	<10	9	693	27
A061228+A061229	7	7.34	2292	748	<5	3.94	22	21	67	150	4.97	52	2.83	<10	14	1.65	5305	4	0.62	<10	12	338	1.59	46	15	57	127	<5	10	0.24	170	13	9	1480	29
A061230	<1	4.68	23	188	130	12.92	1	11	54	8	2.96	25	0.37	<10	7	0.70	1558	7	2.94	<10	20	<2	1.20	<5	11	128	397	<5	<10	0.18	65	<10	14	53	35
A061231	<1	7.50	12	1009	34	6.27	2	36	207	1	5.52	40	1.07	<10	9	2.24	1497	2	3.22	<10	67	<2	0.65	12	31	54	332	<5	14	0.40	186	<10	12	90	31
A061232	<1	7.72	23	675	50	4.98	2	23	83	19	4.57	39	1.88	<10	6	1.59	1281	3	2.60	<10	27	<2	1.30	11	15	64	233	<5	<10	0.23	185	<10	12	72	49
A061233	3	3.44	>10000	351	116	1.97	1	19	115	86	4.10	25	1.51	14	8	0.81	539	15	0.42	<10	53	716	0.91	7	8	29	88	8	<10	0.10	82	<10	5	202	62

Au,Ag F.A/Grav.

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.

Signed: 



# Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0S0004RR

Date : Mar-24-10

Sample type : Rock

## Metal Mountain Resources Inc

Project : Dome

Attention : D Hanson/C Fraser/R Boyce

## ICP-AES Report

Multi-Acid Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
A061234	<1	8.14	40	5486	41	2.79	<1	1	53	17	3.34	28	2.18	<10	8	0.69	518	2	2.86	<10	13	<2	0.29	7	12	35	358	<5	<10	0.24	124	<10	8	68	33
A061235	<1	8.41	33	909	32	3.63	<1	16	45	1	4.06	29	1.99	<10	18	0.90	771	<2	3.67	<10	14	<2	0.26	<5	13	41	190	<5	<10	0.24	114	<10	9	63	25
A061236	<1	9.80	19	1252	82	4.81	1	30	22	2	4.98	39	2.44	<10	22	1.08	909	2	3.44	<10	14	<2	0.91	<5	23	87	267	<5	15	0.37	256	<10	12	74	32
A061237	1	9.09	<10	973	128	3.94	2	29	19	860	5.78	45	1.27	<10	51	2.77	1854	<2	2.61	<10	16	<2	0.18	6	22	69	192	<5	13	0.33	170	<10	10	161	37
A061238	1	7.89	22	1161	95	4.19	20	26	20	200	5.13	54	3.41	<10	11	1.92	4056	3	0.78	<10	11	<2	1.26	13	20	20	83	<5	11	0.28	179	<10	7	1190	19
A061239	9	6.04	48	603	66	5.45	682	20	40	1064	5.01	47	2.62	<10	4	1.79	5716	<2	0.15	<10	12	34	3.34	32	13	70	79	6	<10	0.21	110	255	9	>10000	36
A061240	<1	7.51	<10	1324	70	3.62	3	24	20	84	5.57	50	2.75	<10	15	2.14	3646	2	1.34	<10	14	<2	0.84	6	19	43	108	8	12	0.31	166	<10	8	268	21
A061241	<1	7.36	<10	4893	53	4.19	2	7	25	64	4.84	44	2.12	<10	6	1.46	2214	3	2.25	<10	8	<2	0.56	5	18	68	1063	<5	13	0.30	144	<10	9	165	30
A061242	<1	8.53	<10	1012	135	3.87	2	28	22	48	5.34	50	2.63	<10	16	1.54	2985	4	1.13	<10	8	<2	0.61	<5	20	63	113	<5	15	0.31	166	<10	9	164	26
A061243	2	6.39	130	403	38	3.64	3	31	52	30	5.78	52	2.93	<10	6	1.28	4988	2	0.21	<10	11	27	2.95	<5	17	53	54	<5	12	0.24	144	<10	7	136	15
A061244	<1	0.12	<10	30	10	21.71	1	1	8	<1	0.43	55	0.06	<10	2	12.63	232	3	0.03	<10	19	13	0.49	<5	<1	225	51	<5	<10	<0.01	4	<10	1	27	2
A061245	<1	7.77	<10	1190	96	3.27	2	25	24	55	4.19	48	3.84	<10	5	1.12	3767	3	0.44	<10	12	<2	1.37	<5	18	24	59	<5	13	0.33	176	<10	7	60	23
A058299/rock	<1	8.50	<10	254	42	2.29	2	31	23	26	6.18	43	0.23	<10	54	1.85	1066	2	5.74	<10	12	3	0.61	6	15	22	202	<5	18	0.34	175	<10	7	121	27
A058300/rock	<1	7.90	<10	218	78	2.18	2	31	21	23	6.10	45	0.19	<10	53	1.81	1046	5	5.73	<10	12	<2	0.73	7	15	60	199	<5	18	0.34	167	<10	7	112	25
A058301/rock	<1	8.23	<10	135	88	3.09	1	25	21	13	5.18	39	0.10	<10	25	1.73	1152	2	5.74	<10	8	3	0.08	<5	14	19	222	5	14	0.29	163	<10	8	81	22
A058302/rock	<1	8.43	<10	119	16	2.90	1	25	32	16	5.17	49	0.09	<10	26	1.86	1119	<2	5.82	<10	15	6	0.08	<5	14	47	206	8	15	0.29	156	<10	8	85	23
<b>Duplicates:</b>																																			
A061203	2	8.74	43	821	153	5.67	34	34	36	77	6.34	59	1.08	<10	16	1.92	3526	2	3.52	<10	20	56	0.42	13	27	83	210	<5	19	0.41	249	32	25	1718	91
A061212	3	3.66	>10000	328	<5	2.29	1	24	85	124	4.63	29	1.19	<10	10	0.83	654	22	0.90	<10	56	938	1.07	7	10	58	104	<5	<10	0.13	97	13	8	247	50
A061222	<1	9.43	17	3978	43	5.25	3	56	38	131	6.23	50	2.20	10	22	2.85	2005	2	2.37	<10	26	<2	0.19	6	36	47	267	<5	17	0.44	320	<10	11	361	39
A061225	<1	0.06	<10	40	54	>25.00	<1	1	6	<1	0.07	23	0.02	<10	1	1.46	43	7	0.03	<10	29	13	0.92	<5	<1	234	5056	<5	<10	<0.01	2	<10	<1	11	<1
A061234	<1	8.26	32	6078	43	2.91	<1	<1	53	16	3.34	24	2.15	<10	8	0.69	509	3	2.85	<10	10	<2	0.30	7	12	32	357	<5	<10	0.22	125	<10	9	58	34
A061244	<1	0.11	<10	29	15	20.64	2	1	7	<1	0.41	57	0.05	<10	2	12.20	211	4	0.04	<10	21	10	0.45	<5	<1	225	50	<5	<10	<0.01	3	<10	1	27	1
A058299/rock	<1	8.43	<10	242	46	2.25	2	30	24	26	6.00	40	0.22	<10	54	1.82	1022	2	5.58	<10	9	<2	0.57	6	15	23	199	<5	15	0.33	166	<10	7	115	24
<b>Standards:</b>																																			
Blank	<1	<0.01	<10	<10	17	0.01	19	<1	4	<1	0.01	7	0.01	<10	2	<0.01	11	<2	0.02	<10	<2	5	0.01	<5	<1	37	<1	<5	<10	<0.01	1	17	<1	<1	1
CH-4	3	7.42	<10	516	11	2.01	4	36	133	2104	5.76	39	1.88	15	14	1.46	509	3	3.41	<10	61	13	0.72	<5	13	26	216	<5	14	0.31	115	30	10	226	117

Au,Ag F.A/Grav.

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.



*Quality Assaying for over 35 Years*

## Assay Certificate

**0S-0005-RA1**

Company: **Metal Mountain Resources Inc**  
Project: **Dome**  
Attn: **D Hanson/C Fraser/R Boyce**

Mar-30-10

We hereby certify the following assay of 22 core samples submitted Mar-08-10

Sample Name	Au g/tonne	Ag g/tonne	Zn %	Sample-wt Kg
A061246	0.03	1.0		1.0
A061247	0.03	1.2		1.0
A061248	0.03	1.4		1.5
A061249	8.63	64.3	16.3	1.0
A061250	56.00	205.6	2.49	1.0
A061251	0.39	2.1		3.0
A061252	1.60	1.9		3.0
A061253	2.03	3.0		0.6
A061254	0.07	1.1		1.5
A061255	1.07	3.2		1.5
A061256	11.80	1.7		0.1
A061257	0.07	1.8		4.0
A061258	0.07	2.1		1.0
A061259	<0.03	2.2		2.0
A061260	0.03	0.8		3.0
A061261	<0.03	0.9		2.0
A061262	0.20	<0.1		3.0
A061263	0.17	1.6		1.5
A061264	0.03	1.6		1.0
A061265	<0.03	0.5		0.5
A061266	0.07	1.4		4.0
A061267	0.07	0.8		3.5
*DUP A061246	<0.03	0.7		
*DUP A061255	1.10	2.8		
*DUP A061265	<0.03	0.5		
*AC 0501	8.63	236.7		
*ME-3				0.86
*BLANK	<0.03	<0.1		<0.01

Au,Ag F.A/Grav. Zn 4 Acid Digest AA finish

Certified by \_\_\_\_\_

*Quality Assaying for over 35 Years*

**Assay Certificate**

**0S-0005-RA2**

Company: **Metal Mountain Resources Inc**  
Project: **Dome**  
Attn: **D Hanson/C Fraser/R Boyce**

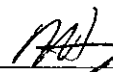
**Mar-30-10**

We hereby certify the following assay of 22 core samples submitted Mar-08-10

Sample Name	Au g/tonne	Ag g/tonne	Sample-wt Kg
A061268	0.10	<0.1	1.0
A061269	1.23	13.4	1.0
A061270	0.03	0.5	1.5
A061271	0.03	<0.1	1.0
A061272	0.17	0.2	2.0
A061273	0.03	0.5	1.0
A061274	0.07	0.9	3.0
A061275	0.03	0.9	1.5
A061276	0.13	<0.1	2.5
A061277	8.77	1.0	0.1
A061278	<0.03	1.9	2.0
A061279	<0.03	<0.1	0.8
A061280	3.07	6.6	2.0
A061281	0.07	<0.1	1.5
A061282	<0.03	<0.1	3.0
A061283	1.93	34.6	0.7
A061284	<0.03	<0.1	0.6
A061285	0.23	0.8	1.0
A061286	1.93	71.4	2.5
A061287	0.27	1.5	2.0
A061288	11.33	116.1	1.0
A061289	1.47	3.6	2.0
*DUP A061268	0.03	<0.1	
*DUP A061277	8.47	1.8	
*DUP A061287	0.23	3.0	
*AC 0501	8.13	234.5	
*BLANK	<0.03	<0.1	

Au,Ag F.A/Grav.

Certified by \_\_\_\_\_



*Quality Assaying for over 35 Years***Assay Certificate****0S-0005-RA3**Company: **Metal Mountain Resources Inc**  
Project: **Dome**  
Attn: **D Hanson/C Fraser/R Boyce****Mar-30-10**We hereby certify the following assay of 22 core samples  
submitted Mar-08-10

<b>Sample Name</b>	<b>Au g/tonne</b>	<b>Ag g/tonne</b>	<b>Zn %</b>	<b>Sample-wt Kg</b>
A061290	0.03	0.3		1.0
A061291	0.40	4.5		2.0
A061292	<0.03	0.1		1.5
A061293	<0.03	0.4		1.0
A061294	<0.03	<0.1		2.0
A061295	11.0	1.4		0.1
A061296	<0.03	<0.1		2.0
A061297	<0.03	<0.1		1.5
A061298	<0.03	<0.1		2.0
A061299	<0.03	0.9		2.0
A061300	<0.03	3.2		1.0
A061301	<0.03	0.6		1.5
A061302	<0.03	2.1		1.5
A061303	<0.03	0.3		1.0
A061304	<0.03	2.1		2.0
A061305	<0.03	5.3		2.5
A061306	<0.03	0.6		1.5
A061307	<0.03	1.2		0.6
A061308	<0.03	0.4		4.0
A061309	<0.03	1.2		3.0
A061310	<0.03	0.4		3.5
A061311	2.03	5.6	2.38	1.5
*DUP A061290	0.03	1.2		
*DUP A061299	<0.03	0.3		
*DUP A061309	<0.03	0.8		
*AC 0501	8.57	232.7		
*ME-3			0.86	
*BLANK	<0.03	<0.1	<0.01	

Au,Ag F.A/Grav. Zn 4 Acid Digest AA finish

Certified by \_\_\_\_\_



*Quality Assaying for over 35 Years*

## Assay Certificate

0S-0005-RA4

Company: **Metal Mountain Resources Inc**  
Project: **Dome**  
Attn: **D Hanson/C Fraser/R Boyce**

Mar-30-10

We hereby certify the following assay of 22 core samples submitted Mar-08-10

Sample Name	Au g/tonne	Ag g/tonne	Zn %	Sample-wt Kg
A061312	0.03	1.1		2.0
A061313	0.03	1.2		2.0
A061314	<0.03	1.3		2.0
A061315	8.27	3.4		0.1
A061316	<0.03	0.8		1.0
A061317	<0.03	0.5		1.0
A061318	0.03	1.7		1.0
A061319	1288	205.2		0.8
A061320	0.07	1.2		1.5
A061321	6.57	1.7		2.0
A061322	0.03	1.3		1.0
A061323	0.13	<0.1		2.5
A061324	0.03	2.0		1.0
A061325	0.03	0.7		2.0
A061326	<0.03	0.5		0.5
A061327	0.20	0.4		2.0
A061328	0.03	<0.1		2.5
A061329	6.77	13.8	1.24	1.0
A061330	0.03	1.1		2.0
A061331	<0.03	1.5		2.0
A061332	<0.03	<0.1		4.0
A061333	<0.03	<0.1		4.0
*DUP A061312	0.07	0.5		
*DUP A061321	6.07	0.8		
*DUP A061331	<0.03	<0.1		
*AC 0501	8.53	230.7		
*ME-3			0.86	
*BLANK	<0.03	<0.1	<0.01	

Au,Ag F.A/Grav. Zn 4 Acid Digest AA finish

Certified by



*Quality Assaying for over 35 Years*

## Assay Certificate

**0S-0005-RA5**

Company: **Metal Mountain Resources Inc**  
Project: **Dome**  
Attn: **D Hanson/C Fraser/R Boyce**

Mar-30-10

We hereby certify the following assay of 14 core samples submitted Mar-08-10

Sample Name	Au g/tonne	Ag g/tonne	Sample-wt Kg
A061334	0.03	0.8	1.5
A061335	0.07	0.2	2.5
A061336	0.30	2.2	2.0
A061337	<0.03	2.9	4.0
A061338	11.67	2.0	0.1
A061339	<0.03	0.7	4.0
A061340	<0.03	0.6	4.0
A061341	7.67	13.9	1.0
A061342	7.30	23.4	2.0
A061343	<0.03	<0.1	5.0
A061344	0.03	2.1	3.0
A061345	0.67	19.3	2.0
A061346	0.10	2.9	2.5
A061347	0.80	0.2	3.5
*DUP A061334	0.03	1.1	
*DUP A061343	<0.03	0.4	
*AC 0501	8.47	240.0	
*BLANK	<0.03	<0.1	

Au,Ag F.A/Grav.

Certified by \_\_\_\_\_





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

*Quality Assaying for over 35 Years*

**Assay Certificate**

**0S-0005-RA4**

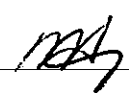
Company: **Metal Mountain Resources Inc**  
 Project: **Dome**  
 Attn: **D Hanson/C Fraser/R Boyce**

Mar-30-10

We hereby certify the following assay of 22 core samples submitted Mar-08-10

Sample Name	Au g/tonne	Au-check g/tonne	Ag g/tonne	Zn %	Sample-wt Kg
A061312	0.03		1.1		2.0
A061313	0.03		1.2		2.0
A061314	<0.03		1.3		2.0
A061315	8.27		3.4		0.1
A061316	<0.03		0.8		1.0
A061317	<0.03		0.5		1.0
A061318	0.03		1.7		1.0
A061319	1288	1267	205.2		0.8
A061320	0.07		1.2		1.5
A061321	6.57		1.7		2.0
A061322	0.03		1.3		1.0
A061323	0.13		<0.1		2.5
A061324	0.03		2.0		1.0
A061325	0.03		0.7		2.0
A061326	<0.03		0.5		0.5
A061327	0.20		0.4		2.0
A061328	0.03		<0.1		2.5
A061329	6.77		13.8	1.24	1.0
A061330	0.03		1.1		2.0
A061331	<0.03		1.5		2.0
A061332	<0.03		<0.1		4.0
A061333	<0.03		<0.1		4.0
*DUP A061312	0.07		0.5		
*DUP A061321	6.07		0.8		
*DUP A061331	<0.03		<0.1		
*AC 0501	8.53		230.7		
*ME-3				0.86	
*BLANK	<0.03		<0.1	<0.01	

Au,Ag F.A/Grav. Zn 4 Acid Digest AA finish

Certified by 



# Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0S0005RR

Date : Mar-30-10

Sample type : Core

## Metal Mountain Resources Inc

Project : Dome

Attention : D Hanson/C Fraser/R Boyce

## ICP-AES Report

Multi-Acid Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm
A061246	<1	10.67	<10	1151	<5	3.17	3	30	20	2	7.55	63	2.91	<10	44	2.44	1216	4	1.71	<10	10	<2	0.49	5	28
A061247	<1	6.23	55	596	<5	4.72	5	48	216	36	9.87	76	0.22	<10	38	3.81	1540	2	3.10	<10	93	26	4.81	12	30
A061248	<1	7.83	27	436	<5	3.28	4	54	201	101	6.67	56	2.90	<10	28	2.54	2695	3	0.09	<10	70	<2	2.29	19	35
A061249	69	3.72	5254	130	<5	1.35	>2000	21	111	8167	7.21	50	1.38	<10	9	0.49	4158	9	0.06	<10	24	704	>10.00	144	9
A061250	>200	2.16	4241	89	5	0.56	539	13	199	9424	8.42	28	0.84	<10	4	0.25	951	6	0.04	<10	25	8833	7.63	203	6
A061251	3	8.82	61	1268	<5	4.56	13	25	37	71	6.37	89	3.35	<10	11	1.88	7838	6	0.14	<10	7	41	1.35	11	21
A061252	1	9.54	69	367	<5	4.82	5	29	28	35	6.80	76	2.87	<10	15	2.27	5207	<2	0.14	<10	10	23	1.86	7	22
A061253	3	8.90	316	495	<5	3.68	38	26	41	61	8.13	58	3.66	<10	10	1.59	4352	2	0.13	<10	3	53	4.53	9	22
A061254	<1	9.70	35	1183	<5	5.30	2	31	16	23	6.28	74	3.71	<10	16	2.36	5681	<2	0.15	<10	8	9	1.44	9	24
A061255	4	8.20	155	788	<5	3.26	78	12	56	240	6.41	90	2.97	<10	12	1.41	9937	2	0.17	<10	8	213	1.94	15	20
A061256	3	4.11	>10000	413	<5	2.24	1	21	119	99	4.74	32	1.57	14	7	0.87	594	19	0.41	<10	56	825	1.00	8	8
A061257	2	9.46	43	861	<5	6.14	19	18	23	88	6.28	105	3.62	<10	13	2.36	9676	2	0.25	<10	7	27	0.64	6	23
A061258	1	7.38	54	104	<5	4.92	3	19	39	349	5.01	48	0.13	<10	24	1.44	1517	3	5.64	<10	7	27	0.61	21	12
A061259	1	10.39	<10	652	<5	2.75	1	22	27	89	4.66	46	4.03	<10	8	1.20	715	3	0.32	<10	3	40	2.57	<5	14
A061260	<1	9.84	<10	1387	<5	6.35	2	22	54	76	5.61	58	3.72	<10	17	0.96	1450	3	0.21	<10	13	8	1.46	5	25
A061261	<1	10.42	<10	1409	<5	2.75	2	18	18	87	5.51	53	3.93	<10	19	1.19	899	3	0.21	<10	7	<2	0.93	7	23
A061262	<1	8.56	10	1496	<5	5.03	2	24	36	12	4.93	45	2.24	<10	13	1.34	2411	<2	1.35	<10	6	14	0.88	7	20
A061263	1	9.02	41	454	<5	6.08	3	21	43	28	5.69	37	3.35	<10	8	0.60	3206	3	0.40	<10	12	23	3.12	5	18
A061264	<1	8.85	<10	1820	<5	1.65	1	30	46	47	3.15	40	3.61	<10	9	0.83	520	2	0.17	<10	7	117	1.19	5	19
A061265	<1	0.10	<10	35	<5	>25.00	<1	<1	6	<1	0.07	26	0.04	<10	1	1.35	38	6	0.01	<10	17	34	1.42	<5	<1
A061266	<1	9.36	<10	987	<5	1.64	3	23	31	17	7.09	57	3.05	<10	15	0.90	3473	3	0.31	<10	<2	<2	1.23	<5	21
A061267	<1	9.65	<10	683	<5	1.34	1	22	37	5	4.93	41	1.88	<10	20	1.02	1447	2	2.17	<10	8	<2	0.51	5	23
A061268	<1	9.55	<10	995	<5	3.52	3	24	32	37	6.41	31	3.65	<10	17	1.28	2996	<2	0.38	<10	9	4	1.44	7	22
A061269	11	7.86	51	903	12	3.22	58	24	89	754	4.43	23	2.86	<10	15	1.13	3516	4	0.33	<10	10	215	1.83	38	20
A061270	1	9.88	<10	1608	<5	3.57	1	40	21	61	3.92	26	3.81	<10	12	1.25	1884	2	0.42	<10	11	6	0.67	7	26
A061271	<1	8.80	<10	1579	<5	3.76	1	30	38	44	4.59	26	3.10	<10	18	1.46	1059	<2	0.41	<10	7	<2	0.11	8	20
A061272	1	9.17	10	1487	<5	3.36	3	23	15	284	6.27	30	1.97	<10	16	1.88	2249	<2	2.68	<10	7	9	0.62	21	20
A061273	<1	8.71	<10	1559	<5	2.98	3	21	18	14	6.63	29	2.23	<10	8	1.52	1486	<2	2.31	<10	4	2	0.07	7	19
A061274	1	8.21	13	2325	<5	4.89	4	21	26	188	6.19	29	2.46	<10	19	1.97	2890	<2	0.74	<10	6	22	0.33	15	19
A061275	<1	9.26	<10	1163	<5	3.92	3	28	17	51	6.69	28	2.23	<10	11	1.68	1338	3	2.33	<10	6	<2	0.08	11	22

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.



# Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0S0005RR

Date : Mar-30-10

Sample type : Core

## Metal Mountain Resources Inc

Project : Dome

Attention : D Hanson/C Fraser/R Boyce

## ICP-AES Report

Multi-Acid Digestion

Sample Number	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
A061246	23	348	24	26	0.38	289	<10	11	103	33
A061247	65	578	25	41	0.39	129	<10	18	86	37
A061248	<10	180	16	32	0.37	227	<10	14	192	38
A061249	<10	50	34	<10	0.08	76	752	5	>10000	16
A061250	<10	22	33	14	0.05	48	108	2	>10000	11
A061251	60	125	18	19	0.25	170	28	10	754	34
A061252	78	123	7	21	0.28	165	<10	11	237	34
A061253	75	87	17	25	0.24	153	10	8	1724	34
A061254	62	130	11	19	0.31	195	<10	12	113	40
A061255	<10	82	12	14	0.25	182	20	9	4209	37
A061256	14	102	24	13	0.10	86	<10	5	229	71
A061257	129	132	16	15	0.29	164	11	9	1708	31
A061258	55	297	20	24	0.21	85	<10	8	128	21
A061259	<10	70	35	24	0.24	111	<10	9	81	49
A061260	77	112	34	22	0.32	210	<10	10	93	37
A061261	47	62	18	23	0.34	205	<10	11	81	34
A061262	44	107	14	17	0.24	164	<10	9	181	31
A061263	75	168	21	18	0.21	132	<10	9	102	26
A061264	24	212	25	13	0.21	154	<10	7	71	27
A061265	354	5025	31	<10	<0.01	2	<10	<1	22	<1
A061266	23	60	32	23	0.30	187	<10	12	120	38
A061267	<10	113	17	22	0.33	190	<10	13	105	53
A061268	12	100	<5	<10	0.14	257	<10	6	133	9
A061269	14	135	<5	<10	0.15	181	74	5	3948	8
A061270	15	106	<5	<10	0.29	227	<10	6	120	11
A061271	19	110	<5	11	0.27	188	<10	5	213	11
A061272	12	209	<5	<10	0.11	190	<10	6	241	11
A061273	11	185	<5	<10	0.17	183	<10	6	178	11
A061274	10	187	<5	<10	0.14	186	<10	6	331	9
A061275	14	205	<5	11	0.27	205	<10	7	200	14

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.



# Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0S0005RR

Date : Mar-30-10

Sample type : Core

## Metal Mountain Resources Inc

Project : Dome

Attention : D Hanson/C Fraser/R Boyce

## ICP-AES Report

Multi-Acid Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm
A061276	<1	8.64	17	2905	<5	4.55	21	21	18	119	5.74	26	2.89	<10	15	1.61	2882	3	0.82	<10	10	16	0.63	8	19
A061277	2	4.02	>10000	373	6	2.31	1	27	87	129	4.83	18	1.24	10	10	0.91	681	22	0.94	<10	60	969	1.17	6	10
A061278	2	8.48	58	1134	<5	6.61	7	22	15	168	4.97	26	2.83	<10	17	2.22	2679	3	1.24	<10	8	216	0.60	43	14
A061279	<1	10.05	<10	1370	<5	4.60	3	29	15	2	6.41	31	3.17	<10	6	1.63	1434	2	1.95	<10	7	<2	0.09	5	17
A061280	10	6.65	377	51	<5	3.73	32	23	62	491	12.04	33	2.53	<10	6	1.39	4612	4	0.40	<10	3	104	7.56	23	11
A061281	1	8.39	17	1108	<5	6.56	5	26	35	50	6.58	32	3.09	<10	9	2.22	5214	2	0.50	<10	11	17	1.06	11	15
A061282	<1	6.43	<10	1443	<5	11.14	4	35	155	19	5.54	31	2.72	<10	5	4.38	3552	<2	0.29	<10	42	18	0.23	12	30
A061283	31	8.90	308	716	44	3.24	29	20	49	3814	7.08	31	3.55	<10	18	1.44	1870	7	0.53	<10	8	739	2.72	329	15
A061284	<1	0.06	<10	16	<5	>25.00	<1	<1	4	<1	0.06	5	0.03	<10	1	1.75	50	7	0.02	<10	12	29	0.96	<5	<1
A061285	2	6.38	27	713	<5	9.04	6	22	59	67	5.59	25	2.32	<10	10	2.72	5363	4	0.52	<10	10	81	1.65	8	11
A061286	70	8.84	963	148	20	2.53	18	25	48	3503	7.42	30	3.39	<10	10	1.13	3152	3	0.49	<10	4	297	4.53	425	15
A061287	3	8.13	66	197	<5	3.47	16	21	63	370	7.22	27	3.06	<10	8	1.43	3908	4	0.39	<10	4	35	3.58	13	14
A061288	115	4.86	198	49	104	1.40	19	16	121	3533	12.49	24	1.86	<10	5	0.82	2561	<2	0.25	<10	5	1113	9.27	64	7
A061289	4	9.78	20	579	6	4.70	8	23	57	669	6.57	33	3.00	<10	19	1.81	2149	4	0.65	<10	7	47	2.16	10	17
A061290	<1	9.52	23	904	<5	2.49	2	28	24	7	6.08	62	2.43	<10	42	2.74	1210	3	1.40	<10	13	11	1.68	7	21
A061291	4	8.88	12	4010	<5	2.68	2	14	32	1096	5.92	65	1.23	<10	67	4.27	2566	3	1.92	<10	13	7	0.55	8	20
A061292	<1	8.61	<10	581	<5	5.31	1	22	27	9	4.64	46	0.70	<10	42	1.96	1812	3	4.31	<10	14	8	0.21	<5	20
A061293	<1	8.21	<10	522	<5	5.28	1	22	50	8	4.68	40	0.62	<10	40	1.89	1765	<2	4.24	<10	11	7	0.16	<5	19
A061294	<1	10.02	10	534	<5	2.99	1	28	20	32	5.47	49	0.68	<10	46	2.40	1488	<2	5.10	<10	14	<2	0.29	<5	20
A061295	3	3.83	>10000	353	<5	1.98	<1	18	113	88	4.18	29	1.51	13	7	0.81	547	18	0.42	<10	52	594	0.94	5	8
A061296	<1	9.52	14	1581	<5	3.03	1	27	24	3	4.90	47	1.24	<10	39	2.10	1158	4	4.31	<10	9	<2	0.16	<5	20
A061297	<1	9.37	10	680	<5	5.01	1	28	16	10	5.87	61	1.33	<10	31	2.49	1687	3	4.34	<10	12	2	0.50	<5	22
A061298	<1	10.46	<10	2221	<5	2.94	1	27	13	152	5.79	52	1.11	<10	43	2.83	1654	<2	4.72	<10	8	<2	0.22	<5	23
A061299	<1	9.01	<10	439	<5	3.95	1	28	17	2	5.12	48	0.61	<10	39	2.40	1999	<2	4.62	<10	12	<2	0.15	<5	18
A061300	2	8.47	<10	562	<5	1.43	1	30	38	81	4.51	38	3.09	<10	8	0.88	736	2	1.94	<10	7	22	2.20	<5	19
A061301	<1	9.46	<10	495	<5	2.66	1	24	25	66	4.92	37	2.48	<10	18	1.43	1189	<2	2.65	<10	7	2	0.31	<5	21
A061302	1	9.14	<10	629	<5	2.83	1	28	31	63	4.57	44	2.88	<10	10	1.13	1031	3	2.34	<10	14	8	1.04	<5	21
A061303	<1	9.21	<10	764	<5	3.62	1	23	18	7	5.39	43	2.41	<10	21	1.71	1185	2	2.41	<10	7	2	0.09	<5	20
A061304	2	8.47	<10	1419	<5	5.32	1	17	34	146	4.05	31	3.19	<10	13	1.11	994	4	0.69	<10	10	15	1.47	12	17
A061305	3	8.91	10	539	<5	3.26	2	33	31	268	5.41	31	3.78	<10	5	1.09	609	<2	0.62	<10	11	318	3.67	6	20

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.



# Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0S0005RR

Date : Mar-30-10

Sample type : Core

## Metal Mountain Resources Inc

Project : Dome

Attention : D Hanson/C Fraser/R Boyce

## ICP-AES Report

Multi-Acid Digestion

Sample Number	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
A061276	11	175	<5	<10	0.20	199	18	7	1194	13
A061277	<10	115	5	<10	0.11	103	<10	8	245	50
A061278	32	137	<5	<10	0.22	195	<10	10	339	22
A061279	18	128	<5	10	0.27	202	<10	8	236	13
A061280	10	59	9	17	0.13	141	32	6	1151	14
A061281	29	117	<5	11	0.18	165	<10	10	317	14
A061282	30	162	<5	<10	0.12	226	<10	10	410	5
A061283	17	75	<5	<10	0.13	131	97	6	1469	10
A061284	64	5202	<5	<10	<0.01	2	<10	<1	19	<1
A061285	40	139	9	<10	0.08	100	13	12	385	9
A061286	16	61	<5	<10	0.09	115	27	5	650	9
A061287	19	53	<5	<10	0.10	112	23	7	718	9
A061288	<10	28	<5	22	0.06	90	27	2	367	9
A061289	12	105	<5	10	0.21	171	11	8	397	15
A061290	<10	466	<5	14	0.33	254	10	14	131	33
A061291	17	845	<5	10	0.15	224	34	9	176	8
A061292	16	348	<5	<10	0.17	134	<10	12	95	13
A061293	29	333	<5	<10	0.18	126	<10	10	90	12
A061294	<10	390	<5	11	0.28	167	<10	11	121	35
A061295	16	93	<5	<10	0.07	81	11	5	196	61
A061296	<10	309	5	14	0.29	156	17	10	107	32
A061297	18	372	<5	14	0.33	152	<10	13	100	47
A061298	11	330	<5	12	0.32	184	10	11	142	61
A061299	21	334	<5	12	0.31	146	<10	11	156	48
A061300	<10	82	<5	13	0.29	189	<10	6	77	30
A061301	11	136	6	12	0.30	185	20	9	143	33
A061302	<10	131	<5	10	0.30	182	<10	8	96	35
A061303	18	181	<5	14	0.30	169	<10	8	225	33
A061304	13	167	<5	<10	0.16	157	<10	8	100	22
A061305	20	101	<5	<10	0.14	181	<10	6	83	23

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# Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0S0005RR

Date : Mar-30-10

Sample type : Core

## Metal Mountain Resources Inc

Project : Dome

Attention : D Hanson/C Fraser/R Boyce

## ICP-AES Report

Multi-Acid Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm
A061306	<1	9.38	10	1524	<5	3.38	2	13	21	<1	5.54	41	2.48	<10	3	0.76	955	4	3.43	<10	5	3	0.09	9	20
A061307	<1	0.06	<10	12	<5	>25.00	<1	<1	6	<1	0.04	23	0.02	<10	1	1.48	27	8	0.02	<10	18	32	0.87	<5	<1
A061308	<1	9.66	10	1742	<5	3.26	3	23	22	<1	6.29	39	2.66	<10	6	1.04	1017	3	3.16	<10	7	3	0.08	5	21
A061309	<1	8.39	11	7272	<5	3.43	3	4	30	11	5.71	36	1.73	<10	3	1.06	995	4	3.79	<10	9	5	0.32	<5	20
A061310	<1	8.70	<10	4252	<5	5.41	3	17	22	10	6.30	52	2.71	<10	3	1.53	1638	3	2.51	<10	11	8	0.20	8	25
A061311	6	5.80	342	650	<5	3.26	387	15	99	881	6.24	42	2.50	<10	6	0.94	2942	6	0.22	<10	9	478	4.75	14	15
A061312	<1	8.72	76	1087	<5	3.95	3	26	18	4	6.30	25	2.16	<10	5	1.09	1957	<2	3.02	<10	5	22	0.82	5	23
A061313	<1	7.59	54	859	<5	3.28	2	18	41	8	5.16	21	1.25	<10	5	0.83	1741	<2	3.93	<10	7	20	0.96	<5	20
A061314	<1	8.43	13	1047	<5	2.28	1	20	19	4	4.27	21	1.45	<10	11	0.67	1113	<2	4.17	<10	5	16	0.41	7	22
A061315	2	3.84	>10000	323	12	2.26	1	24	56	110	4.67	18	1.16	10	9	0.87	633	22	0.86	<10	63	346	0.98	<5	10
A061316	<1	7.52	21	737	<5	4.56	3	27	18	11	6.43	22	0.98	<10	3	1.41	1395	<2	4.34	<10	4	14	0.13	5	21
A061317	<1	10.20	30	1335	<5	1.41	3	56	10	31	7.49	34	2.76	<10	5	0.60	1064	<2	3.03	<10	4	13	0.29	9	32
A061318	1	7.70	45	1060	<5	5.01	7	27	21	228	6.90	27	3.14	<10	6	1.40	4816	<2	0.33	<10	5	20	1.85	7	24
A061319	>200	2.57	264	137	32	1.50	97	18	112	1247	6.29	13	1.04	<10	4	0.41	2167	41	0.07	<10	8	806	4.54	22	7
A061320	<1	9.04	32	714	<5	3.96	3	37	21	46	5.84	28	3.32	<10	9	1.49	3160	<2	1.12	<10	8	22	1.07	6	23
A061321	<1	9.05	<10	1465	<5	5.04	5	30	19	15	5.65	31	3.50	<10	9	1.62	2345	<2	0.80	<10	9	18	0.62	9	23
A061322	<1	8.34	<10	1117	<5	5.08	3	26	13	57	5.42	29	1.98	<10	19	1.80	1947	<2	2.18	<10	11	17	0.29	22	21
A061323	<1	7.53	<10	896	<5	4.02	3	24	21	2	5.71	22	0.98	<10	7	1.13	1552	<2	4.14	<10	6	18	0.18	8	22
A061324	<1	9.36	94	502	<5	4.65	4	37	12	53	6.90	34	2.89	<10	11	1.28	3107	<2	1.76	<10	8	21	1.89	28	32
A061325	<1	8.61	<10	2096	<5	2.71	1	21	24	357	4.70	25	1.08	<10	29	1.77	891	<2	3.85	<10	8	29	0.40	<5	20
A061326	<1	0.07	<10	24	<5	>25.00	<1	<1	6	<1	0.05	7	0.02	<10	<1	1.65	36	<2	0.02	<10	13	12	1.14	<5	<1
A061327	<1	7.65	14	305	<5	4.05	3	26	42	7	6.16	26	2.33	<10	8	1.50	4014	<2	2.16	<10	10	23	3.19	<5	17
A061328	<1	7.98	31	254	<5	2.26	12	13	24	43	3.41	23	1.07	12	28	1.04	1965	<2	3.41	<10	6	34	0.26	16	12
A061329	13	3.14	816	410	8	0.83	202	12	121	845	3.71	14	1.41	<10	13	0.62	2343	<2	0.08	<10	14	3400	1.56	27	10
A061330	<1	6.78	87	913	<5	3.83	1	27	29	98	3.49	26	2.84	<10	38	1.73	2265	<2	0.13	<10	16	29	0.53	17	20
A061331	<1	7.28	19	1255	<5	4.26	3	27	36	66	5.77	34	3.29	<10	18	1.85	1701	<2	0.11	<10	12	16	0.87	8	22
A061332	<1	7.02	23	2132	<5	2.71	2	20	22	27	4.97	28	3.01	10	39	1.63	1184	<2	0.27	<10	13	9	0.29	11	20
A061333	<1	7.36	35	1057	<5	2.51	2	22	25	20	4.90	30	2.88	12	35	1.58	1021	<2	0.75	<10	7	12	0.24	10	19
A061334	<1	7.74	16	901	<5	3.84	3	22	35	5	5.40	26	2.04	<10	10	1.56	1223	<2	2.52	<10	8	12	0.27	7	17
A061335	<1	9.87	74	921	<5	3.77	6	24	24	86	5.25	30	3.17	<10	34	1.60	2949	<2	1.61	<10	10	17	0.80	14	18

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.



# Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0S0005RR

Date : Mar-30-10

Sample type : Core

## Metal Mountain Resources Inc

Project : Dome

Attention : D Hanson/C Fraser/R Boyce

## ICP-AES Report

Multi-Acid Digestion

Sample Number	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
A061306	10	161	<5	17	0.32	310	<10	11	54	37
A061307	93	4590	<5	<10	<0.01	2	<10	<1	10	<1
A061308	15	142	<5	20	0.39	307	13	14	105	60
A061309	17	1132	<5	20	0.34	303	<10	10	89	26
A061310	<10	291	<5	19	0.37	427	<10	11	124	32
A061311	<10	57	5	<10	0.20	238	522	8	>10000	23
A061312	51	123	<5	23	0.40	173	22	11	126	20
A061313	80	154	<5	17	0.29	117	11	10	128	17
A061314	38	127	<5	26	0.48	146	<10	11	99	25
A061315	52	105	6	11	0.11	87	<10	7	270	47
A061316	87	128	<5	24	0.39	112	<10	12	131	25
A061317	41	87	<5	36	0.65	254	13	12	138	24
A061318	109	109	<5	24	0.38	163	<10	12	391	21
A061319	30	29	7	13	0.11	55	114	3	5929	6
A061320	84	110	<5	22	0.41	227	<10	10	224	22
A061321	70	121	7	24	0.44	208	<10	12	311	32
A061322	71	177	<5	16	0.29	166	<10	10	222	24
A061323	87	133	<5	23	0.39	126	<10	10	152	20
A061324	98	120	9	30	0.54	288	<10	12	206	27
A061325	55	578	<5	13	0.29	144	<10	6	162	13
A061326	308	4487	6	<10	<0.01	2	<10	<1	9	<1
A061327	92	1958	<5	14	0.19	135	<10	7	72	10
A061328	69	155	<5	<10	0.22	84	<10	13	827	50
A061329	10	76	9	<10	0.14	71	229	4	>10000	11
A061330	70	361	<5	16	0.35	130	<10	13	105	38
A061331	72	268	<5	24	0.38	173	<10	12	123	34
A061332	53	237	<5	20	0.36	159	<10	16	117	50
A061333	55	236	<5	21	0.38	140	<10	16	114	43
A061334	44	385	<5	18	0.30	101	<10	10	156	20
A061335	74	319	<5	14	0.25	169	<10	8	290	22

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.



# Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0S0005RR

Date : Mar-30-10

Sample type : Core

## Metal Mountain Resources Inc

Project : Dome

Attention : D Hanson/C Fraser/R Boyce

## ICP-AES Report

Multi-Acid Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm		
A061336	1	9.58	171	1026	5	3.02	19	21	38	83	5.80	29	3.72	<10	29	1.39	4027	<2	0.44	<10	10	42	1.20	14	19		
A061337	<1	8.42	<10	1586	<5	4.41	3	22	32	14	5.56	32	3.42	<10	15	1.84	1622	<2	0.90	<10	9	14	0.61	6	17		
A061338	2	3.85	>10000	345	12	2.05	1	19	62	90	4.51	22	1.52	14	7	0.89	514	16	0.40	<10	48	358	0.87	7	8		
A061339	<1	9.49	28	1001	<5	3.28	2	36	7	9	5.88	38	2.00	<10	45	3.64	1664	<2	2.82	<10	7	8	0.38	<5	24		
A061340	<1	10.53	<10	570	<5	1.74	2	30	11	2	5.85	43	1.86	<10	67	4.22	1450	<2	3.19	<10	7	5	0.11	<5	20		
A061341	13	1.03	196	108	7	1.54	160	7	243	566	3.61	10	0.37	<10	5	0.64	2464	<2	0.04	<10	10	46	2.41	30	3		
A061342	24	5.36	96	401	18	3.51	88	31	125	1241	5.29	23	1.50	<10	16	2.19	2040	4	0.62	<10	42	552	1.19	202	19		
A061343	<1	0.05	<10	<10	<5	>25.00	1	<1	<1	1	0.08	7	0.02	<10	1	1.47	31	<2	0.02	<10	12	6	1.03	<5	<1		
A061344	1	7.37	18	647	<5	3.22	3	19	26	19	5.11	25	2.86	<10	5	1.68	5740	<2	0.59	<10	7	13	0.84	7	12		
A061345	19	5.95	169	396	<5	2.69	7	32	55	1990	9.77	32	2.68	<10	5	1.71	>10000	<2	0.18	<10	8	13	3.46	42	9		
A061346	5	6.28	15	573	<5	2.53	7	18	31	324	9.26	43	2.51	<10	5	2.37	>10000	<2	0.15	<10	7	13	0.46	12	11		
A061347	2	7.30	296	652	<5	3.28	14	21	90	49	6.63	36	2.90	<10	9	2.01	9772	<2	0.31	<10	22	26	0.51	22	19		
<b>Duplicates:</b>																											
A061246	<1	10.20	<10	1132	<5	2.89	3	31	17	4	7.03	69	2.92	<10	46	2.21	1191	2	1.75	<10	9	<2	0.51	8	27		
A061255	5	8.82	176	870	<5	3.30	84	13	64	254	6.56	99	3.39	<10	14	1.46	>10000	2	0.19	<10	9	227	2.09	14	21		
A061265	<1	0.09	<10	27	<5	>25.00	<1	<1	7	<1	0.07	23	0.03	<10	2	1.35	45	7	0.02	<10	17	35	1.42	<5	<1		
A061268	<1	10.14	<10	946	<5	3.87	3	30	34	42	7.00	34	3.54	<10	17	1.40	3298	2	0.37	<10	11	<2	1.60	8	24		
A061277	2	3.95	>10000	366	6	2.41	1	26	87	124	4.98	17	1.20	10	9	0.91	683	22	0.90	<10	64	951	1.08	8	10		
A061287	3	7.92	62	187	<5	3.38	17	23	72	386	7.14	25	3.06	<10	8	1.39	3889	3	0.39	<10	4	32	3.80	11	14		
A061290	<1	9.15	17	938	<5	2.52	2	25	23	6	6.08	56	2.34	<10	39	2.60	1212	<2	1.41	<10	14	6	1.69	<5	20		
A061299	<1	9.07	<10	442	<5	3.91	2	29	19	2	5.12	45	0.61	<10	40	2.40	2040	<2	4.61	<10	11	<2	0.15	<5	18		
A061309	<1	8.56	10	6580	<5	3.55	3	7	27	13	6.02	41	1.76	<10	3	1.09	1012	2	3.89	<10	8	4	0.31	<5	21		
A061312	<1	8.36	75	1059	<5	3.76	3	28	12	4	5.98	24	2.15	<10	5	1.03	1873	<2	3.00	<10	5	13	0.78	6	22		
A061321	<1	8.45	<10	1405	<5	4.78	5	27	19	18	5.31	28	3.34	<10	9	1.53	2176	<2	0.76	<10	12	12	0.55	9	22		
A061331	<1	7.37	15	1293	<5	4.31	3	25	35	68	5.87	28	3.37	<10	18	1.85	1715	<2	0.11	<10	13	19	0.88	9	22		
A061334	<1	7.31	13	780	<5	3.44	3	18	32	7	4.97	27	1.97	<10	10	1.43	1081	<2	2.46	<10	6	9	0.22	6	16		
A061343	<1	0.03	<10	<10	<5	>25.00	<1	<1	7	<1	0.05	7	0.01	<10	1	1.47	28	2	0.02	<10	14	10	1.02	<5	<1		
<b>Standards:</b>																											
Blank	<1	<0.01	<10	<10	<5	<0.01	<1	<1	<1	<1	<0.01	1	<0.01	<10	<1	<0.01	<5	<2	0.01	<10	<2	<2	<0.01	<5	<1		
CH-4	2	7.97	<10	477	<5	1.98	3	33	118	1998	6.25	33	1.92	15	14	1.51	462	<2	3.38	<10	55	14	0.67	5	13		

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.





## Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0S0005RR

Date : Mar-30-10

Sample type : Core

### Metal Mountain Resources Inc

Project : Dome

Attention : D Hanson/C Fraser/R Boyce

### ICP-AES Report

Multi-Acid Digestion

Sample Number	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
A061336	45	182	<5	13	0.22	201	15	6	1508	16
A061337	33	341	7	18	0.27	142	<10	9	136	22
A061338	67	94	13	10	0.08	71	<10	4	247	63
A061339	42	409	<5	19	0.32	220	<10	10	159	17
A061340	44	280	<5	21	0.31	167	<10	10	130	29
A061341	26	34	11	<10	0.04	21	73	2	8835	4
A061342	62	141	<5	16	0.23	109	34	9	5479	21
A061343	247	5004	<5	<10	<0.01	2	<10	<1	21	<1
A061344	64	115	8	14	0.21	115	<10	9	146	22
A061345	60	79	7	24	0.17	104	<10	7	209	19
A061346	37	99	11	19	0.15	106	<10	8	218	17
A061347	83	137	<5	17	0.27	140	10	9	891	20
<b>Duplicates:</b>										
A061246	31	337	34	28	0.38	273	<10	10	94	31
A061255	14	90	38	24	0.26	198	19	9	4522	37
A061265	333	5078	53	<10	<0.01	2	<10	<1	18	1
A061268	17	102	<5	11	0.23	285	<10	7	142	10
A061277	16	112	<5	<10	0.11	102	<10	8	235	49
A061287	17	56	<5	<10	0.13	120	21	7	765	11
A061290	<10	430	<5	21	0.42	254	15	16	138	32
A061299	22	319	<5	17	0.31	149	<10	12	165	56
A061309	11	1143	9	21	0.38	313	<10	10	93	32
A061312	61	120	<5	26	0.48	174	30	12	126	28
A061321	75	117	<5	22	0.42	200	<10	14	314	54
A061331	76	275	<5	22	0.37	175	11	11	122	28
A061334	45	344	<5	18	0.28	89	<10	8	142	16
A061343	289	4765	6	<10	<0.01	1	<10	<1	22	<1
<b>Standards:</b>										
Blank	<10	<1	<5	<10	<0.01	<1	<10	<1	<1	1
CH-4	25	210	<5	17	0.28	98	<10	10	218	125

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.

*Quality Assaying for over 35 Years***Assay Certificate****0S-0006-RA1**

Company: **Metal Mountain Resources Inc**  
Project: **Dome**  
Attn: **D Hanson/C Fraser/R Boyce**

**Apr-01-10**

We hereby certify the following assay of 22 core samples  
submitted Mar-15-10

Sample Name	Au g/tonne	Ag g/tonne	Sample-wt Kg
A061348	0.03	0.1	1.0
A061349	0.17	1.0	1.5
A061350	<0.03	0.1	2.0
A061351	0.07	1.6	1.5
A061352	0.17	1.4	3.0
A061353	0.57	1.6	4.0
A061354	0.57	3.0	2.0
A061355	8.07	33.2	2.0
A061356	<0.03	0.9	3.0
A061357	0.13	1.7	3.0
A061358	0.27	<0.1	2.5
A061359	9.00	1.8	0.1
A061360	0.03	<0.1	3.0
A061361	0.10	0.4	2.5
A061362	0.17	0.3	1.0
A061363	0.73	0.6	3.0
A061364	<0.03	<0.1	0.5
A061365	2.17	3.9	1.5
A061366	0.33	0.7	3.0
A061367	<0.03	<0.1	1.0
A061368	1.43	2.2	1.0
A061369	0.03	<0.1	1.0
*DUP A061348	<0.03	0.1	
*DUP A061357	0.17	<0.1	
*DUP A061367	<0.03	<0.1	
*AC 0501	8.40	236.1	
*BLANK	<0.03	<0.1	

Au,Ag by F.A.

Certified by \_\_\_\_\_



*Quality Assaying for over 35 Years*

## Assay Certificate

**OS-0006-RA2**

Company: **Metal Mountain Resources Inc**  
Project: **Dome**  
Attn: **D Hanson/C Fraser/R Boyce**

**Apr-01-10**

We hereby certify the following assay of 22 core samples submitted Mar-15-10

Sample Name	Au g/tonne	Ag g/tonne	Cu %	Zn %	Sample-wt Kg
A061370	<0.03	<0.1			0.8
A061371	<0.03	<0.1			5.0
A061372	11.33	1.6			0.1
A061373	<0.03	0.2			1.0
A061374	0.03	0.6			1.0
A061375	<0.03	0.1			0.9
A061376	0.13	5.3		4.13	2.0
A061377	<0.03	<0.1			4.0
A061378	0.10	1.1		1.60	2.0
A061379	16.67	50.4		7.26	2.0
A061380	0.03	1.6			0.9
A061381	0.03	0.3			3.0
A061382	0.03	5.9			4.0
A061383	0.10	6.1			3.5
A061384	<0.03	<0.1			0.6
A061385	2.23	41.7			4.0
A061386	32.77	154.3			5.0
A061387	4.97	19.7			4.0
A061388	41.67	332.1	1.93	5.25	1.0
A061389	42.47	368.9	1.81	9.95	1.5
A061390	34.43	305.7	1.66	6.19	1.0
A061391	29.40	326.0	1.60	6.10	1.0
*DUP A061370	<0.03	0.1			
*DUP A061379	16.43	54.9			
*DUP A061389	42.30	369.3			
*AC 0501	8.23	235.9			
*ME-3			0.178	0.87	
*BLANK	<0.03	<0.1	<0.01	<0.01	

Au,Ag by F.A. Cu,Zn 4 Acid Digest AA finish

Certified by \_\_\_\_\_

*Quality Assaying for over 35 Years***Assay Certificate****0S-0006-RA3**Company: **Metal Mountain Resources Inc**  
Project: **Dome**  
Attn: **D Hanson/C Fraser/R Boyce**

Apr-01-10

We hereby certify the following assay of 22 core samples  
submitted Mar-15-10

<b>Sample Name</b>	<b>Au g/tonne</b>	<b>Ag g/tonne</b>	<b>Sample-wt Kg</b>
A061392	0.53	4.9	3.0
A061393	8.37	2.5	0.1
A061394	0.20	1.0	4.0
A061395	1.37	7.3	4.5
A061396	1.97	5.2	5.0
A061397	4.20	10.8	2.5
A061398	0.10	3.0	4.0
A061399	0.50	5.4	5.0
A061400	0.23	1.7	3.5
A061401	12.23	22.0	3.5
A061402	7.03	29.3	1.0
A061403	1.53	6.7	2.0
A061404	0.03	4.8	4.0
A061405	<0.03	0.6	3.0
A061406	0.87	0.7	0.9
A061407	0.97	3.6	1.5
A061408	<0.03	<0.1	0.5
A061409	0.93	0.9	1.5
A061410	1.33	3.1	1.0
A061411	0.57	5.0	0.6
A061412	0.30	1.8	1.0
A061413	0.03	1.1	5.0
*DUP A061392	0.60	5.2	
*DUP A061401	12.30	23.9	
*DUP A061411	0.57	5.7	
*AC 0501	8.53	240.3	
*BLANK	<0.03	<0.1	

Au,Ag by F.A.

Certified by

*Quality Assaying for over 35 Years***Assay Certificate****0S-0006-RA4**Company: **Metal Mountain Resources Inc**  
Project: **Dome**  
Attn: **D Hanson/C Fraser/R Boyce****Apr-01-10**We *hereby certify* the following assay of 6 core samples  
submitted Mar-15-10

<b>Sample Name</b>	<b>Au g/tonne</b>	<b>Ag g/tonne</b>	<b>Sample-wt Kg</b>
A061414	11.47	0.9	0.1
A061415	0.07	10.6	1.0
A061416	<0.03	2.3	0.6
A061417	0.03	2.4	1.0
A061418	<0.03	1.4	2.0
A061419	0.03	0.1	1.5
*DUP A061414	11.57	1.0	
*AC 0501	8.63	230.8	
*BLANK	<0.03	<0.1	

Au,Ag by F.A.

Certified by \_\_\_\_\_



# Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : OS0006RR

Date : Apr-01-10

Sample type : Core

## Metal Mountain Resources Inc

Project : Dome

Attention : D Hanson/C Fraser/R Boyce

## ICP-AES Report

Multi-Acid Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm
A061348	<1	9.75	<10	851	<5	1.23	<1	16	24	15	4.12	27	2.92	10	20	1.01	595	<2	2.57	<10	7	10	0.35	<5	14
A061349	<1	7.59	<10	530	<5	4.31	1	17	27	170	3.71	22	1.33	<10	14	1.13	1790	2	3.59	<10	6	13	0.76	<5	11
A061350	<1	8.41	<10	285	<5	2.27	<1	18	20	18	3.55	22	1.03	<10	19	0.87	614	<2	4.35	<10	7	11	0.33	<5	12
A061351	3	8.67	81	600	<5	2.93	70	23	27	55	7.72	37	3.04	<10	12	2.00	>10000	<2	1.05	<10	5	126	0.72	7	16
A061352	4	7.91	1527	643	<5	0.93	46	16	50	44	6.59	31	3.27	<10	4	1.10	>10000	<2	0.26	<10	5	30	0.89	8	13
A061353	4	8.20	6691	614	9	0.40	48	16	56	48	6.25	33	3.44	<10	3	0.75	>10000	<2	0.23	<10	6	63	1.39	13	17
A061354	3	2.57	4027	163	5	0.25	55	3	181	67	2.43	11	1.04	<10	5	0.20	3689	2	0.10	<10	3	185	1.13	19	4
A061355	33	3.95	>10000	288	22	1.07	43	9	126	285	6.77	20	1.63	<10	7	0.63	5780	<2	0.13	<10	6	1434	2.22	117	9
A061356	1	10.00	83	589	<5	1.31	6	27	22	37	6.87	37	3.12	16	6	1.69	4580	<2	1.88	<10	7	16	0.13	5	21
A061357	1	7.37	95	570	<5	1.94	27	11	38	55	3.71	23	2.97	10	15	1.00	3440	2	0.35	<10	6	19	0.78	6	11
A061358	1	8.11	83	518	5	1.93	34	13	23	69	3.91	25	2.60	11	17	0.99	2071	<2	1.62	<10	6	23	0.97	5	12
A061359	2	4.21	>10000	305	13	2.24	1	23	53	106	4.88	21	1.23	<10	10	0.89	602	23	0.92	<10	55	322	0.92	6	10
A061360	1	8.12	154	507	<5	2.43	7	11	26	29	3.28	25	2.63	11	6	1.07	2565	<2	1.64	<10	6	25	0.38	<5	11
A061361	3	8.09	492	300	<5	1.86	20	14	49	59	3.09	25	1.45	12	12	0.96	1476	<2	3.93	<10	4	104	0.36	5	11
A061362	1	7.56	180	404	<5	3.21	78	12	51	96	4.25	25	1.71	10	25	1.27	2535	<2	2.89	<10	7	63	1.41	<5	11
A061363	1	8.02	137	565	<5	2.40	55	10	42	70	3.72	25	2.26	10	13	1.01	2368	<2	2.19	<10	5	39	1.10	<5	10
A061364	<1	0.08	10	10	<5	>25.00	<1	<1	2	<1	0.06	7	0.02	<10	<1	1.40	46	2	0.03	<10	12	12	1.07	<5	<1
A061365	5	9.61	220	320	13	2.00	221	21	41	342	6.91	35	3.18	11	6	1.24	2662	<2	2.14	<10	5	102	2.97	6	14
A061366	1	8.17	83	446	5	1.59	98	20	27	132	5.10	25	1.72	<10	6	0.99	1472	<2	2.80	<10	10	13	1.34	<5	14
A061367	<1	9.26	20	723	<5	4.30	3	33	14	21	6.88	36	3.54	<10	31	2.74	2425	<2	0.12	<10	9	9	1.53	11	22
A061368	1	7.53	157	592	<5	5.83	16	22	24	70	5.58	32	3.15	<10	12	2.71	3172	2	0.12	<10	7	61	1.43	17	18
A061369	<1	9.99	73	893	<5	5.00	3	33	17	15	6.63	37	3.96	<10	20	3.00	2659	<2	0.12	<10	8	13	1.91	8	24
A061370	<1	9.69	<10	790	<5	4.47	2	29	16	22	6.55	38	3.74	<10	38	3.50	1858	<2	0.19	<10	9	10	0.11	6	23
A061371	<1	9.29	<10	2477	<5	5.27	2	20	12	3	6.43	35	3.79	<10	27	3.57	2361	<2	0.13	<10	8	12	0.25	7	22
A061372	2	4.02	>10000	337	10	2.03	1	18	72	79	4.67	18	1.55	14	7	0.89	509	15	0.41	<10	56	285	0.80	5	8
A061373	<1	8.38	17	722	<5	5.34	3	29	9	4	6.09	30	3.29	<10	18	3.09	4197	<2	0.11	<10	9	13	0.89	<5	18
A061374	1	7.89	11	529	5	4.66	58	39	29	129	7.59	40	2.81	<10	23	3.39	>10000	<2	0.12	<10	27	14	0.61	7	32
A061375	<1	8.39	<10	452	<5	4.90	5	42	36	96	6.93	37	2.53	<10	40	4.10	6961	<2	0.09	<10	42	9	0.34	7	37
A061376	2	7.91	32	380	15	3.28	397	56	52	529	7.77	40	2.19	<10	32	3.35	6194	<2	0.14	<10	43	13	2.11	13	34
A061377	<1	8.61	12	493	<5	4.34	13	41	34	117	7.09	36	2.58	<10	41	4.25	5299	<2	0.15	<10	29	11	0.44	6	34

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.



## Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0S0006RR

Date : Apr-01-10

Sample type : Core

### Metal Mountain Resources Inc

Project : Dome

Attention : D Hanson/C Fraser/R Boyce

### ICP-AES Report

Multi-Acid Digestion

Sample Number	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
A061348	16	135	<5	<10	0.19	107	14	8	57	21
A061349	78	288	<5	<10	0.16	77	<10	8	64	24
A061350	39	224	7	<10	0.21	89	<10	7	74	20
A061351	48	107	<5	17	0.23	141	116	12	7018	30
A061352	27	45	8	12	0.18	123	76	6	4451	19
A061353	19	34	6	16	0.26	133	147	6	4468	29
A061354	<10	26	11	<10	0.06	36	79	2	5518	8
A061355	11	45	8	15	0.12	58	74	5	4496	20
A061356	30	94	7	21	0.35	103	17	24	373	122
A061357	24	79	<5	<10	0.17	66	58	11	2081	45
A061358	19	86	<5	10	0.21	76	50	17	2623	95
A061359	50	109	10	11	0.11	83	<10	7	239	49
A061360	21	96	<5	10	0.20	63	15	14	461	60
A061361	31	134	<5	11	0.19	75	12	13	1342	56
A061362	54	171	7	<10	0.15	87	88	12	5807	45
A061363	38	120	<5	<10	0.16	67	62	11	4236	41
A061364	217	4734	14	<10	<0.01	2	<10	<1	40	1
A061365	28	114	<5	14	0.24	117	222	15	9880	84
A061366	25	163	<5	14	0.24	111	115	8	7324	32
A061367	77	267	9	19	0.29	203	10	10	185	20
A061368	71	369	7	15	0.23	161	19	8	870	16
A061369	88	250	5	18	0.31	181	10	10	171	24
A061370	84	234	<5	16	0.27	181	<10	7	118	11
A061371	96	299	<5	16	0.25	183	<10	6	116	9
A061372	43	94	<5	<10	0.08	69	11	4	217	61
A061373	86	265	<5	15	0.22	219	<10	7	181	11
A061374	101	204	<5	18	0.27	258	114	7	7618	9
A061375	78	207	<5	19	0.32	284	23	8	525	12
A061376	51	168	<5	15	0.28	283	822	8	>10000	11
A061377	69	194	<5	19	0.31	277	35	8	1516	14

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.



# Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0S0006RR

Date : Apr-01-10

Sample type : Core

## Metal Mountain Resources Inc

Project : Dome

Attention : D Hanson/C Fraser/R Boyce

### ICP-AES Report

Multi-Acid Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm
A061378	2	7.77	45	608	8	2.05	152	29	47	194	9.30	39	3.26	<10	8	2.42	>10000	<2	0.13	<10	23	17	0.83	13	29
A061379	47	5.49	216	120	70	1.71	949	20	53	1971	8.86	35	2.26	<10	6	1.08	7625	<2	0.18	<10	16	244	5.22	33	16
A061380	<1	7.90	24	185	<5	3.07	6	24	29	86	5.45	27	0.89	<10	12	1.61	1639	<2	4.00	<10	6	14	0.41	10	18
A061381	<1	7.45	12	867	<5	3.87	2	13	25	78	3.54	22	3.37	<10	6	1.64	1390	<2	0.11	<10	8	9	0.15	7	10
A061382	<1	8.13	49	889	<5	5.94	2	25	120	31	5.05	30	3.59	<10	6	2.40	3090	<2	0.14	<10	75	17	1.00	9	21
A061383	5	10.10	129	1021	5	2.65	20	10	28	413	3.24	29	4.20	<10	6	1.13	2066	<2	0.22	<10	15	39	0.62	142	13
A061384	<1	0.08	<10	11	<5	>25.00	<1	<1	7	<1	0.07	8	0.03	<10	1	1.81	47	<2	0.02	<10	15	11	0.95	<5	<1
A061385	38	8.33	554	454	30	1.62	157	9	42	3230	5.24	28	3.55	<10	5	0.64	2784	<2	0.19	<10	11	113	2.79	815	11
A061386	130	4.83	1489	85	117	0.85	188	11	48	7191	11.51	26	2.10	<10	4	0.47	1238	2	0.10	<10	13	355	6.97	2446	8
A061387	18	8.14	301	518	16	3.29	34	18	38	640	4.65	26	3.35	<10	4	1.33	2015	<2	0.21	<10	26	231	1.82	219	12
A061388	>200	0.71	2690	54	246	0.49	641	16	81	>10000	20.72	30	0.27	<10	3	0.41	1222	<2	0.03	<10	29	1004	>10.00	4396	<1
A061389	>200	0.65	2842	52	279	0.30	1137	16	85	>10000	19.64	25	0.24	<10	3	0.33	1077	2	0.03	<10	25	1093	>10.00	3789	<1
A061390	>200	0.72	1485	63	215	0.49	723	12	97	>10000	24.99	30	0.29	<10	2	0.40	1159	<2	0.03	<10	14	796	>10.00	1346	<1
A061391	>200	0.62	1659	51	173	0.52	749	15	105	>10000	27.52	35	0.23	<10	2	0.44	1283	4	0.02	<10	9	1147	>10.00	1299	<1
A061392	3	8.87	123	868	<5	4.45	23	38	71	334	8.36	39	3.60	<10	10	2.59	6331	<2	0.23	<10	34	165	0.59	71	33
A061393	3	4.26	>10000	293	12	2.36	1	22	77	107	4.94	22	1.23	<10	11	0.91	580	20	0.90	<10	60	616	0.87	6	10
A061394	3	10.71	182	1183	<5	1.63	9	36	64	182	8.14	36	4.65	<10	9	1.05	7046	<2	0.41	<10	22	64	0.89	42	30
A061395	9	9.67	65	1015	28	0.66	5	33	68	180	7.95	32	4.26	<10	9	0.63	5689	<2	0.41	<10	9	114	1.47	28	24
A061396	5	7.81	433	1089	<5	3.89	12	19	64	234	4.94	28	3.29	<10	7	2.12	3560	<2	0.25	<10	9	71	1.17	45	17
A061397	10	6.95	108	1358	7	2.56	11	10	128	1053	4.46	23	2.87	<10	5	1.49	3749	<2	0.21	<10	9	63	0.87	97	15
A061398	2	9.95	119	548	<5	4.11	7	29	30	131	5.62	32	4.03	<10	6	2.00	3494	<2	0.63	<10	7	119	1.59	10	21
A061399	6	8.46	52	242	7	4.00	26	28	54	268	6.12	29	3.54	<10	5	1.54	2945	<2	0.20	<10	6	150	3.08	37	18
A061400	3	7.77	40	982	<5	3.96	10	16	67	168	4.69	28	3.45	<10	3	1.34	3844	<2	0.19	<10	6	25	1.44	10	17
A061401	22	5.08	388	114	27	2.07	9	31	114	1169	10.68	28	2.13	<10	4	0.74	8078	2	0.22	<10	16	77	5.87	55	11
A061402	25	2.53	457	233	27	0.31	22	14	221	1145	4.72	12	1.09	<10	3	0.16	616	3	0.11	<10	10	347	3.09	88	5
A061403	8	6.71	465	130	10	1.37	9	40	103	243	12.39	32	2.98	<10	3	0.54	5010	<2	0.23	<10	13	118	7.17	17	15
A061404	2	9.13	33	822	<5	2.17	3	30	55	197	6.75	28	3.87	<10	6	1.10	1467	<2	0.25	<10	7	62	3.59	11	18
A061405	<1	10.00	21	1015	<5	3.08	2	36	45	49	5.60	32	3.76	<10	15	1.46	1793	<2	0.25	<10	12	26	0.74	<5	22
A061406	<1	9.64	19	1069	<5	4.00	2	22	25	12	6.54	34	3.12	<10	7	1.45	2042	<2	2.21	<10	9	21	0.80	<5	20
A061407	1	0.98	57	53	<5	1.05	4	4	234	25	1.68	5	0.37	<10	6	0.26	1108	16	0.05	<10	6	56	0.61	16	2

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.





Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0S0006RR

Date : Apr-01-10

Sample type : Core

Metal Mountain Resources Inc

Project : Dome

Attention : D Hanson/C Fraser/R Boyce

ICP-AES Report

Multi-Acid Digestion

Table with columns: Sample Number, Sn ppm, Sr ppm, Ta ppm, Te ppm, Ti %, V ppm, W ppm, Y ppm, Zn ppm, Zr ppm. Rows include sample IDs A061378 through A061407.

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.

Signed: [Signature]



# Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0S0006RR

Date : Apr-01-10

Sample type : Core

## Metal Mountain Resources Inc

Project : Dome

Attention : D Hanson/C Fraser/R Boyce

## ICP-AES Report

Multi-Acid Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm		
A061408	<1	0.05	<10	10	<5	>25.00	<1	<1	8	<1	0.06	8	0.02	<10	1	1.64	45	<2	0.02	<10	12	12	0.91	<5	<1		
A061409	1	8.27	154	520	<5	3.18	15	19	69	75	5.56	30	3.25	<10	11	1.03	4070	2	0.65	<10	10	108	2.03	10	18		
A061410	2	7.31	139	804	<5	4.34	44	27	39	68	6.97	28	1.76	<10	32	1.69	5240	13	0.49	<10	15	172	2.04	27	16		
A061411	3	7.84	<10	1188	<5	3.79	3	28	58	1996	7.01	31	1.28	<10	44	2.48	1809	7	0.45	<10	15	15	0.19	15	28		
A061412	3	9.23	18	447	<5	4.96	3	28	29	236	7.38	33	1.38	<10	36	2.67	2108	<2	1.35	<10	9	9	0.68	10	23		
A061413	<1	9.65	<10	620	<5	3.84	2	25	24	90	6.43	34	0.93	<10	25	2.34	2063	<2	3.78	<10	5	15	0.34	8	20		
A061414	2	4.12	>10000	326	10	1.99	1	17	106	75	4.65	21	1.59	13	8	0.89	478	15	0.42	<10	57	332	0.85	5	8		
A061415	8	8.84	25	446	18	4.50	3	27	39	114	7.14	34	1.31	<10	27	2.52	2330	<2	2.16	<10	12	39	0.74	7	24		
A061416	<1	9.61	10	451	<5	4.58	2	31	23	15	7.43	38	0.56	<10	29	2.93	2132	<2	4.08	<10	12	17	0.11	12	24		
A061417	<1	9.90	<10	429	<5	4.74	2	32	36	8	7.32	37	0.90	<10	27	3.02	2468	<2	3.62	<10	12	15	0.12	7	28		
A061418	<1	9.50	<10	548	<5	3.52	3	27	28	19	7.59	33	0.87	<10	27	2.84	2024	<2	3.75	<10	9	9	0.09	5	23		
A061419	<1	8.28	<10	529	<5	6.24	1	20	29	372	4.95	29	1.61	<10	14	1.40	2156	<2	2.80	<10	8	6	0.31	<5	25		
<b>Duplicates:</b>																											
A061348	<1	10.38	<10	932	<5	1.29	1	19	22	19	4.50	30	3.02	10	21	1.08	657	<2	2.60	<10	5	10	0.38	<5	16		
A061357	1	7.31	94	572	<5	1.99	29	12	47	55	3.83	21	2.86	<10	14	1.02	3483	2	0.33	<10	7	21	0.73	6	11		
A061367	<1	9.65	13	754	<5	4.56	3	35	14	22	7.26	35	3.55	<10	31	2.93	2488	<2	0.12	<10	11	10	1.57	11	23		
A061370	<1	9.51	<10	772	<5	4.49	4	29	10	25	6.62	37	3.63	<10	35	3.45	1812	<2	0.11	<10	9	8	0.15	9	23		
A061379	47	5.72	225	129	70	1.78	987	21	55	2020	9.04	32	2.27	<10	6	1.16	7589	<2	0.17	<10	14	267	5.30	38	17		
A061389	>200	0.69	2896	52	276	0.32	1146	16	79	>10000	20.15	29	0.25	<10	3	0.34	1081	3	0.03	<10	25	1096	>10.00	3804	<1		
A061392	3	9.21	111	842	<5	4.20	21	38	67	330	7.95	39	3.70	<10	12	2.57	6304	<2	0.23	<10	31	156	0.57	67	33		
A061401	23	4.95	360	117	27	1.99	8	29	109	1143	10.57	30	2.13	<10	4	0.72	8061	2	0.22	<10	17	76	5.85	51	10		
A061411	3	7.86	<10	1210	6	3.70	3	27	66	1923	6.92	31	1.25	<10	45	2.47	1734	7	0.43	<10	12	18	0.20	15	28		
A061414	2	4.13	>10000	329	9	2.11	1	17	101	80	4.61	20	1.57	13	8	0.91	506	16	0.42	<10	56	313	0.82	5	8		
<b>Standards:</b>																											
Blank	<1	0.01	<10	<10	<5	<0.01	<1	<1	1	1	<0.01	<1	<0.01	<10	<1	<0.01	<5	<2	0.01	<10	<2	<2	<0.01	<5	<1		
CH-4	2	7.89	18	472	<5	2.00	3	34	79	1913	6.05	31	1.87	15	13	1.47	469	3	3.33	<10	54	18	0.66	<5	12		

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.



### Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0S0006RR

Date : Apr-01-10

Sample type : Core

Metal Mountain Resources Inc

Project : Dome

Attention : D Hanson/C Fraser/R Boyce

### ICP-AES Report

Multi-Acid Digestion

Sample Number	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
A061408	324	4749	11	<10	<0.01	2	<10	<1	10	<1
A061409	13	78	8	15	0.28	224	12	7	870	25
A061410	88	90	8	16	0.24	157	22	7	3896	17
A061411	63	121	<5	20	0.32	225	<10	8	383	23
A061412	59	224	<5	18	0.30	217	<10	11	159	28
A061413	59	352	10	19	0.31	188	<10	13	119	30
A061414	59	96	14	10	0.07	68	13	4	197	61
A061415	107	218	<5	18	0.26	214	<10	9	155	20
A061416	102	344	<5	20	0.35	222	<10	15	166	32
A061417	82	345	5	20	0.37	248	27	15	154	34
A061418	85	393	12	16	0.28	241	11	14	148	24
A061419	127	196	<5	16	0.35	220	<10	10	96	23
<b>Duplicates:</b>										
A061348	15	135	<5	11	0.24	119	16	11	64	26
A061357	27	78	<5	<10	0.18	65	48	13	2160	65
A061367	83	267	9	20	0.31	205	11	10	201	21
A061370	83	220	<5	16	0.29	176	<10	7	107	14
A061379	33	85	<5	10	0.12	139	1397	5	>10000	8
A061389	<10	13	<5	29	0.01	32	2035	1	>10000	12
A061392	88	140	11	18	0.25	262	10	8	1929	19
A061401	24	37	9	19	0.11	87	<10	5	251	16
A061411	57	118	6	19	0.30	218	<10	7	366	13
A061414	49	96	18	<10	0.09	69	14	4	195	63
<b>Standards:</b>										
Blank	<10	<1	<5	<10	<0.01	<1	<10	<1	1	<1
CH-4	28	206	<5	17	0.28	98	10	10	220	123

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.

Signed: \_\_\_\_\_ 

*Quality Assaying for over 35 Years***Assay Certificate****0S-0007-RA1**Company: **Metal Mountain Resources Inc.**  
Project: **Dome**  
Attn: **D Hanson/C Fraser/R Boyce**

Apr-09-10

We hereby certify the following assay of 22 core samples  
submitted Mar-24-10

<b>Sample Name</b>	<b>Au g/tonne</b>	<b>Ag g/tonne</b>	<b>Sample Wt. Kg</b>
A061420	<0.03	1.4	1.5
A061421	<0.03	0.7	2.5
A061422	0.03	<0.1	2.0
A061423	<0.03	<0.1	3.0
A061424	<0.03	0.2	2.0
A061425	<0.03	<0.1	0.7
A061426	<0.03	<0.1	3.0
A061427	<0.03	<0.1	1.5
A061428	<0.03	0.8	2.0
A061429	<0.03	<0.1	2.0
A061430	0.07	<0.1	2.0
A061431	<0.03	0.1	2.0
A061432	<0.03	<0.1	3.0
A061433	<0.03	0.7	4.0
A061434	<0.03	<0.1	1.5
A061435	8.33	2.2	0.1
A061436	0.33	1.4	4.0
A061437	0.03	0.6	3.0
A061438	4.10	5.3	1.5
A061439	<0.03	0.1	3.0
A061440	0.10	0.4	3.0
A061441	0.17	1.4	1.0
*DUP A061420	<0.03	0.2	
*DUP A061429	<0.03	<0.1	
*DUP A061439	<0.03	<0.1	
*AC0501	7.93	215.2	
*BLANK	<0.03	<0.1	

Au, Ag by F.A./Grav

Certified by \_\_\_\_\_



*Quality Assaying for over 35 Years*

**Assay Certificate**

**0S-0007-RA2**

Company: **Metal Mountain Resources Inc.**  
Project: **Dome**  
Attn: **D Hanson/C Fraser/R Boyce**

Apr-09-10

We hereby certify the following assay of 12 core samples submitted Mar-24-10

Sample Name	Au g/tonne	Ag g/tonne	Sample Wt. Kg
A061442	<0.03	0.2	2.0
A061443	<0.03	<0.1	1.5
A061444	<0.03	<0.1	0.7
A061445	<0.03	0.1	4.0
A061446	0.03	0.7	4.0
A061447	<0.03	0.1	3.0
A061448	0.20	0.5	3.0
A061449	<0.03	<0.1	2.0
A061450	<0.03	0.4	2.0
A061451	<0.03	0.4	2.0
A061452	<0.03	<0.1	2.0
A061453	<0.03	<0.1	4.0
*DUP A061442	<0.03	0.3	
*DUP A061451	<0.03	1.2	
*AC0501	7.97	226.5	
*BLANK	<0.03	<0.1	

Au, Ag by F.A./Grav

Certified by \_\_\_\_\_



# Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0S0007RR

Date : Sep-10-04

Sample type : CORE

## Metal Mountain Resources Inc.

Project : Dome

Attention : D Hanson/C Fraser/R Boyce

## ICP-AES Report

Multi-Acid Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
A061420	<1	8.52	<10	492	<5	5.31	3	32	36	11 6.27	30	0.82	<10	10	2.18 1806	<2	2.38	<10	8	33	0.10	<5	26	<10	534	<5	20	0.41	266	<10	17	105	26		
A061421	<1	8.32	25	415	<5	7.72	3	30	59	21 6.30	32	0.64	<10	10	1.88 1804	<2	1.93	<10	10	14	0.16	6	25	<10	887	6	18	0.37	290	<10	16	68	22		
A061422	<1	8.64	<10	697	<5	4.97	3	27	23	3 6.39	30	1.29	<10	16	2.40 1573	<2	3.11	<10	12	4	0.11	<5	28	<10	342	9	<10	0.05	273	<10	7	119	5		
A061423	<1	7.98	<10	1751	<5	4.81	2	24	27	18 5.90	29	0.98	<10	15	2.59 2006	<2	3.65	<10	12	10	0.13	<5	23	<10	451	8	<10	0.08	223	<10	11	98	6		
A061424	<1	8.47	<10	1278	6	3.28	3	29	22	14 6.81	32	0.53	<10	20	2.45 1785	<2	4.44	<10	10	3	0.09	<5	24	<10	420	<5	<10	0.14	269	<10	11	114	13		
A061425	<1	0.06	<10	15	<5	>25.00	<1	<1	2	<1 0.07	5	0.01	<10	2	1.64 38	4	0.02	<10	10	39	0.95	<5	<1	17	4879	8	<10	<0.01	2	<10	<1	<1	<1		
A061426	<1	3.92	<10	1997	<5	16.73	2	13	19	11 3.71	18	1.41	<10	6	2.09 6422	2	0.47	<10	10	31	0.44	<5	13	<10	243	<5	<10	0.05	117	<10	11	105	4		
A061427	<1	8.22	<10	427	<5	3.49	3	31	14	16 7.26	29	0.87	<10	12	2.08 1625	<2	4.23	<10	7	3	0.08	<5	26	<10	220	15	<10	0.12	244	<10	11	196	8		
A061428	<1	8.48	<10	475	<5	2.99	3	28	12	19 6.73	27	0.89	<10	17	2.26 1622	<2	4.07	<10	9	<2	0.06	<5	27	<10	230	7	<10	0.09	257	<10	11	200	8		
A061429	<1	7.99	<10	299	<5	5.16	1	16	25	3 4.84	25	0.89	<10	11	1.08 1799	<2	4.51	<10	9	7	0.11	<5	25	<10	200	6	<10	0.08	223	<10	11	75	6		
A061430	<1	9.03	<10	469	<5	4.22	3	29	10	6 7.00	32	1.24	<10	18	1.91 1903	2	3.94	<10	9	10	0.25	<5	28	<10	329	<5	<10	0.11	274	<10	10	135	8		
A061431	<1	9.42	<10	416	<5	4.16	2	30	8	10 5.96	32	0.71	<10	40	2.96 2012	<2	3.99	<10	11	8	0.09	<5	29	<10	466	<5	<10	0.09	234	<10	12	97	7		
A061432	<1	8.89	<10	855	<5	4.47	2	24	9	9 6.22	29	1.00	<10	24	2.28 2012	<2	3.41	<10	7	7	0.10	<5	25	<10	435	16	<10	0.09	222	<10	11	83	7		
A061433	<1	8.86	<10	701	<5	4.41	2	21	15	1 5.67	28	1.40	<10	7	1.87 1754	<2	2.77	<10	10	18	0.09	<5	22	<10	322	<5	<10	0.08	202	<10	10	88	7		
A061434	<1	8.96	15	809	<5	4.29	1	21	11	3 5.00	27	1.51	<10	9	2.05 1660	<2	2.48	<10	4	17	0.09	<5	22	<10	315	<5	<10	0.07	179	<10	9	97	7		
A061435	3	3.97	>10000	336	10	2.26	2	24	85	114 4.75	17	1.18	<10	10	0.88 671	21	0.89	<10	63	751	1.00	6	10	<10	109	14	<10	0.08	90	<10	7	261	46		
A061436	1	8.59	44	864	<5	3.93	28	22	20	81 6.17	27	2.40	<10	11	1.46 5322	<2	1.66	<10	9	9	0.66	31	20	<10	160	8	<10	0.06	271	10	6	1819	6		
A061437	<1	8.47	16	622	<5	4.03	3	25	15	<1 5.82	29	1.11	<10	25	1.52 2704	<2	4.10	<10	5	<2	0.23	7	20	<10	336	6	<10	0.17	225	<10	7	227	8		
A061438	5	7.67	205	314	<5	4.71	17	27	33	261 7.18	29	2.92	<10	11	1.48 7095	2	0.37	<10	10	186	3.47	20	18	<10	86	15	12	0.10	274	<10	7	818	8		
A061439	<1	7.93	<10	4430	<5	6.02	3	18	23	21 6.18	29	1.51	<10	58	2.14 2331	<2	0.58	<10	10	6	0.24	5	20	<10	183	8	<10	0.06	207	<10	8	254	6		
A061440	1	6.25	<10	6226	<5	6.24	4	18	23	504 5.90	26	0.96	<10	57	2.29 2473	<2	0.49	<10	14	22	0.33	15	16	<10	707	11	<10	0.04	165	<10	7	273	4		
A061441	2	5.67	20	3924	<5	9.67	12	27	25	161 6.70	30	0.93	<10	19	3.26 5295	2	0.60	<10	15	206	0.41	23	21	<10	252	24	<10	0.02	206	<10	7	971	4		
A061442	<1	9.77	17	288	<5	4.03	2	22	16	46 7.24	14	0.46	<10	32	2.21 1866	2	2.43	<10	6	8	0.10	<5	20	<10	324	<5	<10	0.15	190	<10	12	162	11		
A061443	<1	10.02	25	296	<5	3.79	1	23	17	3 6.73	14	0.50	<10	60	2.24 1797	2	2.76	<10	12	6	0.08	<5	21	<10	320	<5	<10	0.25	193	<10	12	154	23		
A061444	1	0.20	<10	10	9	>25.00	<1	<1	5	<1 0.19	9	0.03	<10	28	1.17 52	4	0.06	<10	<2	7	0.80	<5	<1	<10	4740	12	<10	0.01	5	<10	1	5	1		
A061445	<1	10.34	23	409	<5	5.33	1	24	17	72 7.04	15	1.16	<10	41	1.77 1584	3	1.46	<10	<2	18	0.29	<5	20	<10	283	11	10	0.27	198	<10	9	130	22		
A061446	1	10.19	23	461	<5	4.96	2	23	13	235 7.11	14	1.23	<10	39	2.15 1849	<2	1.32	<10	11	17	0.30	<5	20	<10	254	8	12	0.27	203	12	9	136	20		
A061447	<1	9.78	18	321	<5	3.84	2	23	20	25 7.29	8	0.56	<10	32	2.39 2211	2	2.92	<10	6	6	0.09	<5	23	<10	347	34	10	0.17	194	<10	11	148	12		
A061448	<1	9.60	19	409	<5	3.59	2	21	19	130 7.30	9	1.02	<10	34	2.11 2171	<2	2.18	<10	9	10	0.47	<5	20	<10	233	<5	<10	0.13	192	<10	8	189	14		
A061449	<1	9.59	14	169	<5	3.79	2	26	26	15 7.28	7	0.35	<10	38	2.71 2322	<2	2.97	<10	<2	12	0.09	<5	25	<10	290	25	<10	0.19	207	<10	11	159	18		

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.



**Assayers Canada**

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0S0007RR

Date : Sep-10-04

Sample type : CORE

**Metal Mountain Resources Inc.**

Project : Dome

Attention : D Hanson/C Fraser/R Boyce

**ICP-AES Report**

Multi-Acid Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm			
A061450	<1	9.85	20	276	5	3.14	2	26	20	24	7.79	8	0.47	<10	30	2.41	2099	<2	3.29	<10	<2	8	0.07	<5	24	<10	325	22	13	0.24	219	27	10	168	20			
A061451	1	9.52	13	574	<5	5.05	2	22	25	495	7.59	8	0.90	<10	25	2.22	2288	2	2.22	<10	<2	10	0.21	<5	22	<10	272	18	<10	0.14	212	<10	8	189	10			
A061452	<1	9.31	11	254	<5	4.22	2	20	22	<1	6.90	5	0.81	<10	11	2.31	2071	<2	2.94	<10	4	8	0.09	<5	21	<10	228	<5	<10	0.13	165	<10	5	141	12			
A061453	<1	9.03	12	323	<5	5.31	2	21	33	10	6.95	3	0.94	<10	14	2.23	2372	<2	2.32	<10	<2	6	0.13	<5	22	<10	267	34	<10	0.09	196	<10	6	151	8			
<b>Duplicates:</b>																																						
A061420	<1	9.27	<10	533	<5	5.56	3	35	36	13	6.61	33	0.87	<10	11	2.37	1927	<2	2.49	<10	9	31	0.11	<5	29	<10	545	<5	22	0.45	288	<10	18	90	36			
A061429	<1	8.16	<10	314	<5	5.32	2	19	27	4	5.68	27	0.89	<10	10	1.12	1874	<2	4.42	<10	8	7	0.12	<5	26	<10	193	<5	<10	0.15	259	<10	10	76	10			
A061439	<1	7.83	<10	4315	<5	5.83	3	18	23	25	6.06	28	1.48	<10	58	2.10	2286	<2	0.58	<10	10	13	0.25	<5	20	<10	179	9	<10	0.04	208	<10	8	251	5			
A061442	<1	9.93	18	316	<5	4.79	2	26	17	41	8.13	9	0.50	<10	34	2.57	2088	2	2.55	<10	3	13	0.12	<5	22	<10	329	7	11	0.22	209	<10	12	154	17			
A061451	1	9.39	14	581	<5	5.14	2	21	26	481	7.64	7	0.89	<10	33	2.24	2320	2	2.21	<10	<2	20	0.21	<5	22	<10	273	22	<10	0.07	212	<10	8	185	5			
<b>Standards:</b>																																						
Blank	<1	<0.01	<10	<10	<5	<0.01	<1	<1	<1	<1	0.10	<1	<0.01	<10	<1	<0.01	<5	<2	<0.01	<10	<2	<2	<0.01	<5	<1	<10	<1	<5	<10	<0.01	<1	<10	<1	1	1			
CH-4	3	7.98	<10	543	<5	2.04	4	37	139	2065	5.91	27	1.74	15	14	1.56	515	<2	3.39	<10	60	11	0.74	<5	13	<10	206	<5	15	0.29	114	<10	9	229	101			

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.

*Quality Assaying for over 35 Years*

**Assay Certificate**

**0S-0008-RA1**

Company: **Metal Mountain Resources Inc**  
 Project: **Dome**  
 Attn: **D Hanson/C Fraser/R Boyce**

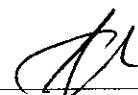
Apr-13-10

We hereby certify the following assay of 22 core samples submitted Mar-19-10

Sample Name	Au g/tonne	Ag g/tonne	Sample-wt Kg
A061454	<0.03	<0.1	1.5
A061455	<0.03	<0.1	3.0
A061456	<0.03	<0.1	2.0
A061457	<0.03	<0.1	2.0
A061458	<0.03	0.6	2.0
A061459	<0.03	1.3	2.0
A061460	<0.03	<0.1	3.5
A061461	0.03	1.9	3.0
A061462	11.10	2.1	0.1
A061463	<0.03	<0.1	2.0
A061464	<0.03	1.6	2.5
A061465	<0.03	<0.1	2.0
A061466	0.10	0.0	3.0
A061467	0.17	1.0	3.0
A061468	0.07	0.8	2.0
A061469	0.03	0.2	2.5
A061470	<0.03	<0.1	0.7
A061471	<0.03	1.8	2.0
A061472	<0.03	<0.1	4.5
A061473	<0.03	0.9	1.5
A061474	0.03	0.6	1.0
A061475	<0.03	0.4	3.0
*DUP A061454	<0.03	0.1	
*DUP A061463	<0.03	0.7	
*DUP A061473	<0.03	0.5	
*AC0501	7.53	226.9	
*BLANK	<0.03	<0.1	

Au,Ag by F.A/Grav.

Certified by \_\_\_\_\_







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

*Quality Assaying for over 35 Years*

**Assay Certificate**

**0S-0008-RA2**

Company: **Metal Mountain Resources Inc**  
Project: **Dome**  
Attn: **D Hanson/C Fraser/R Boyce**

**Apr-13-10**

We hereby certify the following assay of 17 core samples  
submitted Mar-19-10

<b>Sample Name</b>	<b>Au g/tonne</b>	<b>Ag g/tonne</b>	<b>Sample-wt Kg</b>
A061476	0.27	11.8	0.8
A061477	0.03	0.5	2.0
A061478	<0.03	5.2	1.0
A061479	<0.03	0.4	3.0
A061480	<0.03	<0.1	1.5
A061481	<0.03	<0.1	0.8
A061482	<0.03	<0.1	1.0
A061483	<0.03	0.3	3.0
A061484	<0.03	0.5	3.0
A061485	0.03	0.3	2.0
A061486	0.03	0.2	2.0
A061487	<0.03	0.8	2.0
A061488	<0.03	<0.1	2.0
A061489	8.33	1.6	0.1
A061490	<0.03	<0.1	3.0
A061491	<0.03	<0.1	1.0
A061492	<0.03	<0.1	1.5
*DUP A061476	0.30	12.4	
*DUP A061485	<0.03	0.2	
*AC0501	8.43	224.0	
*BLANK	<0.03	<0.1	

Au,Ag by F.A/Grav.

Certified by \_\_\_\_\_



Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0S0008RR

Date : Apr-13-10

Sample type : CORE

Metal Mountain Resources Inc

Project : Dome

Attention : D Hanson/C Fraser/R Boyce

ICP-AES Report

Multi-Acid Digestion

Table with 34 columns (Ag to Zr) and 30 rows (A061454 to A061483) containing ICP-AES data for various elements.

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.

[Signature]



# Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0S0008RR

Date : Apr-13-10

Sample type : CORE

## Metal Mountain Resources Inc

Project : Dome

Attention : D Hanson/C Fraser/R Boyce

## ICP-AES Report

Multi-Acid Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm			
A061484	<1	5.53	13	207	<5	3.14	1	12	59	25	3.28	16	0.36	10	9	0.78	1071	<2	3.49	<10	6	9	0.12	<5	13	<10	108	<5	<10	0.12	82	<10	9	78	16			
A061485	<1	5.24	<10	155	<5	3.28	1	10	80	14	3.04	13	0.21	11	10	0.84	1087	2	3.63	<10	6	9	0.14	<5	11	<10	108	<5	<10	0.10	62	<10	9	71	13			
A061486	<1	5.83	<10	245	<5	2.98	3	17	63	33	4.00	19	0.31	<10	21	0.90	1144	<2	3.60	<10	6	36	0.11	<5	16	<10	115	<5	<10	0.19	99	<10	8	162	13			
A061487	<1	7.05	<10	605	5	4.10	13	17	27	26	5.97	24	0.77	<10	31	1.45	3370	<2	3.71	<10	7	38	0.18	<5	13	<10	250	<5	<10	0.13	133	<10	8	619	13			
A061488	<1	7.69	<10	174	7	2.77	2	21	11	14	5.59	20	0.11	<10	33	1.63	1879	<2	5.06	<10	9	9	0.13	<5	13	<10	381	<5	<10	0.08	130	<10	6	138	11			
A061489	2	3.58	>10000	335	14	2.20	1	24	79	113	4.49	15	1.09	<10	9	0.81	625	21	0.82	<10	54	826	0.98	7	10	<10	101	<5	<10	0.08	89	<10	7	249	46			
A061490	<1	7.25	11	71	<5	2.68	<1	10	26	14	2.84	16	0.05	10	45	0.98	1142	2	5.45	<10	7	2	0.06	<5	9	<10	668	<5	<10	0.09	77	<10	6	58	21			
A061491	<1	6.53	<10	112	<5	3.96	1	17	42	38	3.79	16	0.18	10	61	1.36	1288	<2	4.06	<10	13	<2	0.09	<5	13	<10	843	<5	<10	0.15	107	<10	8	70	23			
A061492	<1	5.89	<10	522	<5	2.80	2	23	75	14	4.21	17	0.68	<10	36	1.58	952	2	2.46	<10	24	<2	0.14	<5	19	<10	462	<5	<10	0.18	92	<10	11	56	11			
<b>Duplicates:</b>																																						
A061454	<1	8.21	47	571	<5	2.53	4	22	10	23	4.88	21	2.02	<10	12	1.51	3796	<2	2.50	<10	3	20	0.21	<5	13	<10	135	<5	<10	0.16	165	<10	7	247	20			
A061463	<1	8.07	26	135	<5	2.19	7	26	9	41	6.15	24	0.28	<10	68	1.61	1618	<2	4.67	<10	3	36	0.07	16	12	<10	189	<5	<10	0.17	155	<10	7	227	23			
A061473	<1	6.09	26	304	<5	2.14	1	17	73	51	3.91	19	0.99	<10	47	1.17	1512	2	2.13	<10	12	3	0.07	10	13	<10	192	<5	<10	0.09	115	<10	7	80	14			
A061476	12	6.47	917	500	6	4.57	100	18	94	672	6.29	28	2.07	<10	23	2.35	6014	<2	0.14	<10	11	52	1.50	25	20	<10	137	<5	11	0.19	163	38	11	6409	16			
A061485	<1	5.26	<10	158	<5	3.28	1	10	87	13	2.86	12	0.22	11	10	0.84	1079	2	3.59	<10	6	11	0.14	<5	11	<10	107	<5	<10	0.12	63	<10	9	71	15			
<b>Standards:</b>																																						
Blank	<1	0.01	<10	<10	<5	<0.01	<1	<1	<1	0.11	<1	<0.01	<10	<1	<0.01	<5	<2	<0.01	<10	<2	<2	<0.01	<5	<1	<10	<1	<5	<10	<0.01	1	<10	<1	<1	<1				
CH-4	3	7.11	<10	531	<5	1.96	4	35	125	2002	5.56	25	1.63	15	12	1.40	492	3	3.11	<10	51	12	0.69	5	12	<10	190	<5	15	0.28	108	<10	9	211	114			

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.



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

*Quality Assaying for over 35 Years*

**Assay Certificate**

**0S-0009-RA1**

Company: **Metal Mountain Resources Inc.**  
 Project: **Dome**  
 Attn: **D Hanson/C Fraser/R Boyce**

**Apr-13-10**

We hereby certify the following assay of 22 core samples submitted Mar-23-10

Sample Name	Au g/tonne	Ag g/tonne	Sample-wt Kg
A061493	<0.03	0.8	4.0
A061494	<0.03	1.7	1.0
A061495	0.03	<0.1	3.5
A061496	0.03	0.3	3.5
A061497	<0.03	0.3	3.0
A061498	<0.03	<0.1	3.0
A061499	<0.03	<0.1	3.0
A061500	<0.03	<0.1	1.5
A061501	0.03	0.7	1.0
A061502	<0.03	0.7	1.0
A061503	<0.03	0.6	4.0
A061504	<0.03	<0.1	2.0
A061505	11.37	2.8	0.1
A061506	<0.03	0.6	1.5
A061507	<0.03	0.7	1.5
A061508	<0.03	<0.1	2.0
A061509	<0.03	<0.1	3.0
A061510	<0.03	<0.1	4.0
A061511	<0.03	<0.1	3.0
A061512	0.03	0.3	2.0
A061513	<0.03	0.7	0.7
A061514	<0.03	0.1	3.0
*DUP A061493	<0.03	0.2	
*DUP A061502	<0.03	0.2	
*DUP A061512	<0.03	0.6	
*AC0501	8.40	223.1	
*BLANK	<0.03	<0.1	

Au,Ag by F.A/Grav.

Certified by 

*Quality Assaying for over 35 Years***Assay Certificate****0S-0009-RA2**Company: **Metal Mountain Resources Inc.**  
Project: **Dome**  
Attn: **D Hanson/C Fraser/R Boyce**

Apr-13-10

We hereby certify the following assay of 22 core samples  
submitted Mar-23-10

Sample Name	Au g/tonne	Ag g/tonne	Sample-wt Kg
A061515	<0.03	0.5	3.0
A061516	0.03	0.2	2.5
A061517	<0.03	<0.1	2.5
A061518	<0.03	0.6	2.0
A061519	<0.03	0.5	1.0
A061520	<0.03	0.7	1.5
A061521	<0.03	0.4	1.5
A061522	<0.03	0.5	4.0
A061523	<0.03	<0.1	3.5
A061524	<0.03	0.1	4.0
A061525	11.13	1.7	0.1
A061526	0.03	<0.1	3.0
A061527	<0.03	<0.1	3.0
A061528	<0.03	1.7	2.0
A061529	<0.03	0.9	2.0
A061530	<0.03	0.3	1.5
A061531	0.03	<0.1	2.0
A061532	<0.03	<0.1	2.5
A061533	<0.03	<0.1	3.0
A061534	<0.03	0.1	4.0
A061535	<0.03	0.5	3.0
A061536	<0.03	<0.1	0.5
*DUP A061515	<0.03	1.6	
*DUP A061524	<0.03	0.1	
*DUP A061534	<0.03	0.5	
*AC0501	8.23	219.8	
*BLANK	<0.03	<0.1	

Au,Ag by F.A/Grav.

Certified by

*Quality Assaying for over 35 Years***Assay Certificate****0S-0009-RA3**Company: **Metal Mountain Resources Inc.**  
Project: **Dome**  
Attn: **D Hanson/C Fraser/R Boyce**

Apr-13-10

We hereby certify the following assay of 22 core samples  
submitted Mar-23-10

<b>Sample Name</b>	<b>Au g/tonne</b>	<b>Ag g/tonne</b>	<b>Sample-wt Kg</b>
A061537	<0.03	0.5	1.0
A061538	<0.03	0.3	3.0
A061539	0.07	0.4	3.5
A061540	<0.03	0.2	1.0
A061541	0.07	<0.1	2.0
A061542	<0.03	0.6	3.0
A061543	<0.03	<0.1	4.0
A061544	0.07	0.1	4.0
A061545	<0.03	0.2	3.0
A061546	8.77	2.4	0.1
A061547	<0.03	0.1	3.5
A061548	<0.03	0.5	3.0
A061549	<0.03	0.5	4.0
A061550	<0.03	<0.1	4.0
A061551	<0.03	<0.1	4.0
A061552	<0.03	<0.1	4.0
A061553	<0.03	<0.1	4.0
A061554	<0.03	<0.1	3.0
A061555	<0.03	0.4	2.0
A061556	<0.03	1.2	3.0
A061557	<0.03	0.4	0.8
A061558	<0.03	0.5	2.0
*DUP A061537	<0.03	0.3	
*DUP A061546	8.47	2.4	
*DUP A061556	<0.03	<0.1	
*AC0501	8.60	220.4	
*BLANK	<0.03	<0.1	

Au,Ag by F.A/Grav.

Certified by \_\_\_\_\_

*Quality Assaying for over 35 Years***Assay Certificate****0S-0009-RA4**Company: **Metal Mountain Resources Inc.**  
Project: **Dome**  
Attn: **D Hanson/C Fraser/R Boyce**

Apr-13-10

We hereby certify the following assay of 9 core samples  
submitted Mar-23-10

<b>Sample Name</b>	<b>Au g/tonne</b>	<b>Ag g/tonne</b>	<b>Sample-wt Kg</b>
A061559	<0.03	0.6	3.0
A061560	<0.03	<0.1	1.5
A061561	<0.03	<0.1	4.0
A061562	<0.03	<0.1	2.0
A061563	<0.03	0.1	3.0
A061564	<0.03	0.8	4.0
A061565	<0.03	0.1	4.0
A061566	<0.03	2.0	3.0
A061567	<0.03	<0.1	4.0
*DUP A061559	<0.03	1.9	
*AC0501	8.17	236.1	
*BLANK	<0.03	<0.1	

Au,Ag by F.A/Grav.

Certified by \_\_\_\_\_



# Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0S0009RR

Date : Apr-13-10

Sample type : CORE

## Metal Mountain Resources Inc.

Project : Dome

Attention : D Hanson/C Fraser/R Boyce

## ICP-AES Report

Multi-Acid Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
A061493	<1	7.31	16	513	<5	6.96	2	29	30	30	5.04	26	0.60	<10	14	1.17	1179	3	3.60	<10	14	7	1.41	6	24	<10	193	<5	21	0.44	174	<10	16	99	64
A061494	<1	0.05	<10	<10	<5	>25.00	<1	<1	10	<1	0.05	7	0.01	<10	<1	1.54	34	6	0.03	<10	9	16	0.94	<5	<1	27	5481	<5	<10	<0.01	2	<10	<1	11	1
A061495	<1	6.34	<10	254	<5	14.02	2	23	24	26	4.56	25	0.54	<10	11	1.12	1614	4	3.19	<10	14	6	1.08	<5	20	11	273	<5	17	0.37	153	<10	18	69	64
A061496	<1	7.17	21	244	<5	11.07	1	22	22	31	4.04	23	0.52	<10	6	1.00	1492	5	4.34	<10	13	4	1.08	5	19	11	218	<5	12	0.31	147	<10	15	84	64
A061497	<1	7.25	18	247	<5	5.40	2	18	35	30	5.15	27	0.72	<10	21	1.24	1771	3	3.45	<10	11	2	0.49	<5	18	<10	148	<5	14	0.32	114	<10	15	84	87
A061498	1	6.62	13	320	<5	3.25	3	26	45	111	3.51	23	0.99	<10	15	0.96	1909	3	3.04	<10	8	7	0.59	<5	19	<10	120	<5	13	0.35	127	<10	11	166	61
A061499	<1	7.30	<10	770	<5	5.71	3	41	117	9	5.89	34	1.41	<10	25	4.74	1360	<2	2.52	<10	57	10	0.12	12	31	<10	644	<5	20	0.42	301	<10	12	60	19
A061500	<1	3.65	<10	1551	<5	9.17	2	27	94	6	3.71	23	1.33	<10	17	4.40	1681	2	0.34	<10	35	11	0.22	11	16	11	563	9	15	0.22	147	<10	14	42	15
A061501	<1	4.21	39	1438	<5	17.95	2	25	161	492	3.82	23	0.05	<10	10	1.93	1427	4	0.77	<10	86	5	0.44	9	22	13	1149	<5	10	0.21	177	<10	8	27	14
A061502	<1	10.71	<10	2148	<5	3.03	<1	24	21	41	3.54	31	4.72	<10	7	1.74	862	<2	0.66	<10	5	17	1.25	<5	13	<10	114	<5	11	0.35	103	<10	9	59	38
A061503	<1	8.64	<10	2166	<5	6.96	3	28	17	22	5.95	32	3.06	<10	15	1.81	2143	2	0.28	<10	<2	15	0.18	5	22	<10	148	<5	21	0.45	255	<10	13	116	44
A061504	<1	10.95	<10	1615	<5	7.11	2	27	19	2	5.66	35	4.64	<10	9	1.86	1475	2	0.24	<10	3	31	0.14	5	23	<10	110	<5	19	0.49	125	<10	18	67	64
A061505	3	3.99	>10000	422	8	2.30	2	23	86	94	4.41	22	1.60	15	4	0.95	586	21	0.43	<10	52	708	1.03	6	9	<10	102	<5	<10	0.14	89	<10	5	234	74
A061506	<1	10.02	26	3578	<5	3.75	1	34	21	79	4.65	30	2.45	<10	20	1.63	1641	3	2.35	<10	10	28	0.67	5	23	<10	277	<5	12	0.36	229	<10	10	101	46
A061507	<1	8.38	<10	1062	<5	5.92	2	23	10	56	4.49	32	2.10	<10	12	2.38	2039	2	1.62	<10	2	22	0.12	6	14	<10	136	<5	13	0.31	169	<10	13	246	47
A061508	<1	9.34	10	398	<5	4.00	1	23	27	11	4.85	27	0.77	<10	10	1.67	3205	3	5.72	<10	3	6	0.10	<5	13	<10	235	<5	12	0.29	136	<10	11	123	55
A061509	<1	9.00	<10	166	<5	2.41	2	32	17	21	5.89	33	0.19	<10	45	2.00	1585	<2	5.53	<10	5	34	0.11	<5	16	<10	406	<5	16	0.31	177	<10	9	126	47
A061510	<1	8.57	<10	103	<5	2.33	2	27	15	16	5.43	27	0.09	<10	16	2.23	1439	2	5.63	<10	3	20	0.05	<5	14	<10	462	<5	13	0.27	143	<10	7	92	42
A061511	<1	8.80	<10	135	<5	2.59	2	28	15	28	5.65	29	0.16	<10	37	2.13	1265	2	5.56	<10	5	3	0.06	<5	19	<10	389	<5	15	0.31	171	<10	8	102	40
A061512	<1	8.50	<10	236	<5	1.59	1	27	39	40	4.86	32	0.40	11	30	1.54	794	2	5.30	<10	8	6	0.05	<5	20	<10	283	<5	16	0.39	141	<10	11	151	81
A061513	<1	0.08	<10	16	<5	>25.00	<1	<1	8	<1	0.10	10	0.02	<10	<1	2.46	59	6	0.04	<10	15	<2	0.98	<5	<1	29	5275	7	<10	<0.01	2	<10	<1	4	1
A061514	<1	8.45	<10	106	<5	2.42	<1	18	27	8	2.98	20	0.17	10	20	1.08	923	<2	6.35	<10	5	<2	0.05	<5	14	<10	430	<5	<10	0.28	87	<10	16	94	131
A061515	1	7.09	<10	757	<5	4.89	2	29	68	91	4.83	26	1.48	11	12	1.78	1454	3	2.61	<10	29	12	0.20	6	24	<10	464	<5	16	0.38	140	<10	15	138	54
A061516	<1	7.74	<10	1764	<5	4.92	2	44	93	25	5.77	31	2.54	<10	23	2.63	1427	2	1.12	<10	50	9	0.11	<5	31	<10	613	<5	20	0.48	155	<10	15	189	60
A061517	<1	10.33	<10	611	<5	3.92	2	52	18	20	7.12	37	1.64	<10	32	1.55	2427	<2	1.49	<10	5	<2	0.37	26	27	<10	259	<5	17	0.41	279	<10	13	114	25
A061518	<1	10.22	<10	201	<5	5.58	3	66	22	18	7.97	37	0.54	<10	38	2.30	3140	<2	1.23	<10	22	2	0.34	24	31	<10	315	<5	19	0.42	290	<10	14	146	33
A061519	<1	7.34	<10	941	<5	4.53	3	46	154	20	6.70	32	0.34	<10	37	4.26	1495	2	3.51	<10	82	24	0.79	6	33	<10	413	<5	22	0.49	160	<10	20	60	38
A061520	<1	7.21	<10	135	<5	5.08	3	57	268	16	7.09	36	0.06	<10	32	4.45	1499	<2	3.97	<10	145	10	0.47	7	42	<10	487	13	21	0.47	198	<10	17	72	31
A061521	1	8.92	<10	3961	<5	5.85	<1	30	17	53	4.55	26	1.48	<10	29	2.05	1477	<2	3.44	<10	8	2	0.83	<5	22	<10	460	5	<10	0.34	174	<10	15	133	68
A061522	<1	7.92	<10	7949	<5	8.15	<1	14	16	53	3.45	22	1.08	<10	28	1.69	1360	2	3.46	<10	5	<2	0.66	<5	17	<10	864	<5	<10	0.29	120	<10	12	127	45

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.





# Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0S0009RR

Date : Apr-13-10

Sample type : CORE

## Metal Mountain Resources Inc.

Project : Dome

Attention : D Hanson/C Fraser/R Boyce

## ICP-AES Report

Multi-Acid Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
A061523	<1	6.56	30	264	<5	5.09	3	29	35	37	5.68	24	0.37	<10	21	1.40	867	<2	3.49	<10	19	<2	1.64	<5	22	<10	142	<5	18	0.38	165	<10	14	105	51
A061524	<1	6.58	18	353	<5	7.32	2	22	32	28	5.23	26	0.62	<10	7	1.33	1047	3	3.80	<10	12	<2	1.41	5	19	<10	247	<5	15	0.35	130	<10	19	82	71
A061525	4	3.97	>10000	411	11	2.27	2	23	75	89	4.74	20	1.55	15	3	0.95	570	18	0.43	<10	47	639	0.98	<5	9	<10	98	<5	11	0.14	87	<10	5	219	73
A061526	<1	5.58	50	204	<5	13.04	2	25	35	21	4.19	20	0.45	<10	9	1.09	2526	9	3.15	<10	12	17	1.33	5	20	11	231	14	16	0.36	139	<10	17	73	45
A061527	1	7.10	<10	144	<5	3.64	1	15	24	18	3.82	22	0.25	26	35	0.86	945	2	4.66	23	4	2	0.10	<5	12	<10	141	<5	10	0.26	85	<10	51	78	263
A061528	<1	5.47	<10	154	<5	4.73	2	19	66	30	3.97	17	0.26	11	34	0.95	1158	2	3.23	<10	9	7	0.21	<5	17	<10	145	<5	13	0.32	102	<10	14	118	55
A061529	<1	8.47	12	159	<5	2.29	3	32	35	45	7.01	33	0.28	11	36	1.91	1449	<2	4.69	<10	10	<2	0.08	<5	25	<10	118	<5	22	0.48	157	<10	24	132	105
A061530	<1	4.85	<10	206	<5	5.38	1	12	45	20	2.41	11	0.49	<10	7	0.66	1525	<2	2.91	<10	6	14	0.20	<5	15	<10	140	<5	<10	0.24	61	<10	13	43	38
A061531	1	6.76	10	319	<5	4.81	3	24	21	41	5.10	28	0.76	10	38	1.32	2105	<2	3.08	<10	7	14	0.12	<5	22	<10	145	<5	16	0.38	101	<10	17	145	68
A061532	1	8.02	107	115	<5	4.55	3	31	22	22	6.39	27	0.12	<10	41	2.50	1637	5	5.61	<10	4	77	1.63	5	14	<10	368	<5	15	0.30	140	<10	11	63	43
A061533	<1	9.76	22	149	<5	2.88	2	33	12	26	7.06	31	0.16	<10	35	2.76	1451	2	6.34	<10	4	<2	0.72	5	17	<10	331	<5	17	0.35	185	<10	10	115	55
A061534	<1	8.22	12	220	<5	5.04	1	22	26	43	3.72	23	0.31	10	181	1.68	1184	<2	5.44	<10	8	19	0.12	<5	14	<10	306	<5	12	0.29	118	<10	20	78	107
A061535	<1	6.85	<10	266	<5	4.56	2	28	56	31	5.90	27	0.22	<10	21	2.03	1261	2	3.69	<10	19	15	0.09	<5	22	<10	393	<5	17	0.39	150	<10	15	79	72
A061536	<1	0.08	<10	12	<5	>25.00	<1	1	11	<1	0.11	7	0.01	<10	<1	1.78	53	5	0.05	<10	10	45	1.00	<5	<1	29	5320	<5	<10	<0.01	3	<10	<1	7	1
A061537	<1	5.65	<10	313	<5	6.05	<1	17	59	56	1.48	10	0.10	<10	7	0.75	714	4	4.22	<10	17	<2	0.16	<5	17	<10	539	<5	<10	0.28	71	<10	16	21	64
A061538	<1	7.00	<10	1644	<5	4.13	2	35	68	112	4.79	28	0.91	<10	21	2.86	1316	3	2.68	<10	35	<2	0.12	<5	27	<10	494	<5	15	0.38	148	<10	14	51	61
A061539	1	8.04	<10	1005	<5	4.36	2	28	15	57	4.89	27	2.31	<10	18	2.04	2417	2	1.54	<10	5	55	1.28	<5	20	<10	136	<5	12	0.30	161	<10	10	130	48
A061540	<1	8.52	<10	7841	<5	1.37	1	19	22	9	4.20	25	1.28	<10	10	0.68	2074	<2	2.92	<10	6	<2	0.18	<5	24	<10	154	<5	11	0.34	176	<10	8	117	23
A061541	<1	9.23	<10	579	<5	0.42	<1	30	12	12	3.82	22	1.17	<10	12	0.56	1504	<2	3.19	<10	6	<2	0.27	5	23	<10	101	<5	13	0.36	121	10	11	77	53
A061542	<1	7.30	<10	262	<5	3.64	2	26	29	39	4.57	32	0.69	10	7	1.04	1366	<2	3.77	<10	9	<2	0.13	<5	23	<10	125	<5	18	0.45	119	<10	16	77	74
A061543	<1	6.02	<10	288	<5	4.07	3	15	17	31	3.83	20	0.83	<10	10	0.94	1717	<2	2.75	<10	6	<2	0.13	<5	19	<10	117	<5	<10	0.14	52	<10	12	174	37
A061544	<1	6.60	<10	177	<5	3.88	3	28	34	41	5.73	33	0.43	11	29	1.51	1319	<2	2.79	<10	9	<2	0.10	<5	21	<10	109	<5	19	0.37	118	<10	14	92	60
A061545	<1	7.84	<10	69	<5	0.89	<1	15	21	23	2.64	22	0.09	13	36	0.80	512	<2	5.95	<10	2	<2	0.11	<5	12	<10	128	7	<10	0.29	78	<10	13	65	109
A061546	2	3.77	9902	344	10	2.27	2	27	55	115	4.17	18	1.13	10	8	0.85	609	24	0.89	<10	52	814	1.02	6	10	<10	109	8	12	0.17	96	<10	8	238	57
A061547	<1	7.79	22	80	<5	1.59	<1	16	20	21	3.12	24	0.11	11	42	1.05	791	<2	5.66	<10	4	5	0.03	<5	13	<10	176	<5	<10	0.27	86	<10	19	53	133
A061548	<1	7.74	<10	105	<5	3.20	<1	17	19	18	3.02	23	0.15	11	21	1.12	834	2	5.60	<10	4	<2	0.07	<5	13	<10	205	<5	10	0.28	99	<10	20	47	115
A061549	<1	6.67	<10	134	<5	4.94	<1	17	28	24	2.72	18	0.20	10	27	1.12	1006	2	4.89	<10	7	<2	0.11	<5	13	<10	294	<5	<10	0.27	93	<10	15	50	71
A061550	<1	8.73	11	168	<5	2.04	1	28	18	21	4.76	28	0.15	<10	58	1.72	1058	<2	5.62	<10	4	<2	0.06	<5	16	<10	254	<5	15	0.32	170	<10	11	69	55
A061551	<1	8.42	16	154	<5	1.78	2	28	19	30	5.07	25	0.14	<10	57	1.64	1012	<2	5.41	<10	7	<2	0.10	<5	21	<10	239	<5	14	0.32	175	<10	11	82	54
A061552	1	6.52	<10	85	<5	1.51	<1	14	42	25	2.66	19	0.11	10	19	1.00	869	<2	4.65	<10	5	<2	0.12	<5	11	<10	165	<5	<10	0.24	64	<10	14	42	118

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.



Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0S0009RR

Date : Apr-13-10

Sample type : CORE

Metal Mountain Resources Inc.

Project : Dome

ICP-AES Report

Multi-Acid Digestion

Attention : D Hanson/C Fraser/R Boyce

Table with columns: Sample Number, Ag ppm, Al %, As ppm, Ba ppm, Bi ppm, Ca %, Cd ppm, Co ppm, Cr ppm, Cu ppm, Fe %, Ga ppm, K %, La ppm, Li ppm, Mg %, Mn ppm, Mo ppm, Na %, Nb ppm, Ni ppm, Pb ppm, S %, Sb ppm, Sc ppm, Sn ppm, Sr ppm, Ta ppm, Te ppm, Ti %, V ppm, W ppm, Y ppm, Zn ppm, Zr ppm. Rows include sample IDs A061553 to A061567, Duplicates (A061493 to A061515), and Standards (Blank, CH-4).

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.



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

*Quality Assaying for over 35 Years*

**Assay Certificate**

**0S-0011-PA1**

Company: **Metal Mtn Resources Inc**  
 Project: **Dome**  
 Attn: **Daryl Hanson**

**Apr-16-10**

We hereby certify the following assay of 1 pulp sample submitted Apr-09-10

<b>Sample Name</b>	<b>Wt Total g</b>	<b>Wt +150 g</b>	<b>+150 Au mg</b>	<b>-150 Au g/tonne</b>	<b>Net Au g/tonne</b>
A061319	496.0	21.5	390.225	447.8	1215.13

Certified by \_\_\_\_\_



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

*Quality Assaying for over 35 Years*

**Assay Certificate**

**0S-0012-RA1**


Company: **Metal Mountain Resources Inc.**  
 Project: **Dome**  
 Attn: **Daryl Hanson**

**Apr-23-10**

We hereby certify the following assay of 1 sample submitted Apr-16-10

Sample Name	Au g/tonne	Ag g/tonne	Sample-wt Kg
A061568	3.47	4.3	2.0
*DUP A061568	3.20	5.2	
*AC0501	8.33	227.5	
*BLANK	<0.03	<0.1	

Au,Ag by F.A/Grav.

Certified by \_\_\_\_\_ 



**Assayers Canada**

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0S0012RR

Date : Apr-23-10

Sample type :

**Metal Mountain Resources Inc.**

Project : Dome

Attention : Daryl Hanson

**ICP-AES Report**

Multi-Acid Digestion

Sample Number	Ag ppm	Al %	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	W ppm	Zn ppm	
A061568	5	6.97	1372	<1	5	3.20	15	24	69	257	6.01	2.59	1.10	3158	6	0.86	7	0.074	256	93	0.20	163	36	904	
<b>Duplicates:</b>																									
A061568	5	6.99	1409	<1	5	3.12	14	22	65	248	5.85	2.59	1.09	3051	5	0.87	5	0.073	246	93	0.15	158	37	846	
<b>Standards:</b>																									
Blank	<1	<0.01	<10	<1	<5	<0.01	<1	<1	1	<1	<0.01	<0.01	<0.01	<5	<2	0.01	<2	<0.001	<2	<1	<0.01	<1	<10	<1	
CH-4	2	7.25	502	1.0	<5	1.83	4	32	93	1962	5.49	1.83	1.48	465	2	3.37	53	0.068	13	210	0.29	104	<10	204	

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.



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

*Quality Assaying for over 35 Years*

**Assay Certificate**

**0S-0013-RA1**

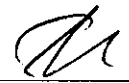
Company: **Metal Mountain Resources Inc**  
 Project: **Dome**  
 Attn: **Daryl Hanson**

**Apr-30-10**

We hereby certify the following assay of 14 core samples submitted Apr-16-10

Sample Name	Au g/tonne	Ag g/tonne	Sample-wt Kg
A061569	0.03	1.3	2.5
A061570	0.07	2.8	3.0
A061571	0.07	1.1	1.0
A061572	0.03	1.1	4.0
A061573	0.03	0.6	4.0
A061574	<0.03	1.2	0.8
A061575	0.03	2.0	4.0
A061576	0.03	<0.1	4.0
A061577	<0.03	0.9	4.0
A061578	<0.03	0.1	2.0
A061579	0.03	1.9	4.0
A061580	<0.03	0.7	3.0
A061581	<0.03	0.8	2.0
A061582	0.03	1.3	3.0
*DUP A061569	0.03	0.2	
*DUP A061578	<0.03	0.8	
*AC 0501	8.27	223.1	
*BLANK	<0.03	<0.1	

Au,Ag by 30g F.A/Grav.

Certified by 



**Assayers Canada**

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0S0013RR

Date : Apr-30-10

Sample type : CORE

**Metal Mountain Resources Inc**

Project : Dome

Attention : Daryl Hanson

**ICP-AES Report**

Multi-Acid Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
A061569	<1	8.82	11	587	<5	3.39	11	22	20	8 5.37	1 1.33	<10	11	1.74	2529	5 4.00	<10	<2	24	0.20	14	19	<10	282	<5	19	0.19	238	13	7	707	14			
A061570	<1	8.43	46	808	<5	4.00	4	21	24	35 5.41	<1 1.89	<10	12	1.67	3154	7 2.98	17	<2	21	0.64	31	18	<10	246	<5	17	0.17	248	<10	8	297	17			
A061571	<1	8.24	29	505	14	4.27	2	19	19	<1 4.99	<1 1.25	<10	11	1.50	2956	4 4.01	18	14	17	0.48	31	17	<10	323	104	15	0.16	214	38	8	190	17			
A061572	<1	8.21	12	884	13	4.53	3	18	20	4 4.99	<1 1.89	<10	15	1.41	2404	7 2.41	49	<2	19	0.38	19	17	<10	213	<5	21	0.18	235	<10	9	187	14			
A061573	<1	8.52	21	785	<5	4.23	2	22	16	1 4.94	3 1.38	<10	45	1.61	2174	5 3.18	11	38	14	0.23	23	18	<10	313	46	27	0.21	208	99	9	134	14			
A061574	<1	0.04	<10	<10	33	>25.00	<1	<1	3	<1 0.10	27 0.08	<10	2	3.07	58	11 0.06	<10	6	<2	1.06	16	<1	<10	4058	29	22	<0.01	4	195	<1	7	1			
A061575	<1	8.42	14	915	<5	4.30	2	24	44	16 5.08	14 1.23	<10	40	1.83	1594	9 2.54	20	10	14	0.14	22	19	<10	272	<5	29	0.21	207	28	10	169	14			
A061576	<1	7.62	16	885	<5	6.11	2	21	73	<1 4.78	9 0.84	<10	70	1.75	1972	<2 2.85	24	14	22	0.19	19	20	<10	316	<5	25	0.20	201	91	12	161	15			
A061577	<1	8.34	18	1779	<5	3.98	2	18	23	<1 4.95	15 1.95	<10	14	1.28	1354	7 1.10	28	<2	12	0.12	16	18	<10	218	46	26	0.23	199	48	10	226	17			
A061578	<1	9.15	15	2400	6	2.88	1	22	22	<1 5.33	16 2.28	<10	19	1.59	1486	3 0.99	13	3	15	0.09	26	20	11	156	<5	16	0.23	205	<10	7	383	11			
A061579	<1	8.05	25	996	31	5.38	2	20	12	96 5.00	10 1.60	<10	22	1.67	2220	10 1.50	20	19	47	0.22	34	18	<10	185	75	26	0.24	185	<10	11	218	24			
A061580	<1	8.63	22	1198	17	5.91	1	18	28	6 4.95	17 1.14	<10	19	1.56	1514	7 1.89	<10	<2	70	0.17	33	19	<10	475	<5	23	0.28	201	<10	13	119	24			
A061581	<1	9.28	11	1784	8	4.18	1	21	16	2 5.48	21 2.41	<10	25	2.16	1650	2 0.99	<10	4	20	0.11	14	20	<10	152	<5	15	0.22	203	<10	9	158	22			
A061582	<1	8.74	18	1147	<5	6.60	2	19	16	299 5.08	12 1.98	<10	27	1.68	1838	5 0.86	<10	12	24	0.24	17	21	<10	244	<5	14	0.17	224	81	12	133	15			
<b>Duplicates:</b>																																			
A061569	<1	8.43	13	597	<5	3.18	11	21	23	4 4.99	<1 1.35	<10	11	1.64	2529	4 4.01	<10	<2	24	0.20	19	21	<10	289	<5	16	0.20	248	38	7	728	15			
A061578	<1	9.34	12	2392	<5	2.90	1	22	20	<1 5.29	13 2.36	<10	21	1.59	1496	6 1.04	<10	5	14	0.10	27	20	11	161	11	17	0.23	202	<10	8	380	14			
<b>Standards:</b>																																			
Blank	<1	<0.01	<10	<10	<5	<0.01	<1	1	1	1 0.01	<1 0.01	<10	<1	<0.01	<5	<2 0.01	<10	<2	<2	<0.01	<5	<1	<10	<1	<5	<10	<0.01	<1	<10	<1	<1	1			
CH-4	2	7.21	11	461	9	1.82	3	28	115	2021 4.84	27 1.82	15	13	1.43	450	5 3.22	<10	57	21	0.58	26	13	15	201	67	21	0.28	93	<10	9	212	111			

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.

Signed: \_\_\_\_\_



*Quality Assaying for over 35 Years*

**Assay Certificate**

**0S-0014-RA1**

Company: **Metal Mountain Resources**  
Project: **Dome**  
Attn: **Daryl Hanson**

**Apr-30-10**

We hereby certify the following assay of 1 pulp sample submitted Apr-29-10

<b>Sample Name</b>	<b>Wt Total g</b>	<b>Wt +150 g</b>	<b>+150 Au mg</b>	<b>-150 Au g/tonne</b>	<b>Net Au g/tonne</b>
A061568	379.1	87.03	1.774	4.88	8.44

Certified by \_\_\_\_\_ 





SGS Canada Inc.  
8282 Sherbrooke Street  
Vancouver, British Columbia V5X 4R6  
T: (604) 327-3436 F: (604) 327-3423

## CERTIFICATE OF ANALYSIS

0S-0054-PG1

Company: **Metal Mountain Resources Inc**  
Project: **Dome**  
Attn: **Daryl Hanson**

Sep-02-10

We hereby certify the following geochemical analysis of 22 pulp samples submitted Aug-11-10

Sample Name	Se ppm	Hg ppm
58024	0.7	8.55
58025	1.1	29.5
58036	1.3	9.49
58038	1.5	13.3
58039	1.2	7.38
58054	0.7	12.0
58056	0.2	3.95
58067	1.0	16.0
58114	1.9	23.2
58163	2.8	38.0
58194	1.6	17.0
58216	1.4	12.5
58238	1.5	15.2
58258	0.6	6.41
58261	0.4	4.85
58272	1.9	10.8
58273	0.4	2.14
58274	1.6	11.4
60006	2.6	35.7
60011	0.7	2.61
60014	1.3	10.8
60029	0.2	2.79
*DUP 58024	0.6	8.91
*DUP 58163	2.7	37.9
*DUP 60011	0.5	2.49
*CH-4	1.7	
*LKSD-3		0.289
*BLANK	<0.1	<0.005

Certified by



SGS Canada Inc.  
8282 Sherbrooke Street  
Vancouver, British Columbia V5X 4R6  
T: (604) 327-3436 F: (604) 327-3423

## CERTIFICATE OF ANALYSIS

0S-0054-PG2

Company: **Metal Mountain Resources Inc**  
Project: Dome  
Attn: Daryl Hanson

Sep-02-10

We *hereby certify* the following geochemical analysis of 22 pulp samples submitted Aug-11-10

Sample Name	Se ppm	Hg ppm
60043	1.6	18.7
60047	7.1	52.7
60055	0.8	5.39
60092	<0.1	1.14
60098	0.4	6.66
60119	1.0	1.65
60151	2.8	72.1
60153	0.7	25.6
60239	0.9	23.2
60311	2.0	74.3
60313	1.0	32.8
60337	0.9	4.56
60438	0.6	6.61
60536	1.2	11.5
60568	0.7	6.93
60589	0.4	19.3
60610	0.7	5.94
60637	0.3	4.36
60691	0.4	1.69
60723	0.5	2.49
60744	0.3	1.97
60798	0.5	4.20
60064	N/S	N/S
*DUP 60043	1.7	19.3
*DUP 60311	2.0	78.9
*DUP 60723	0.6	2.65
*CH-4	1.6	
*LKSD-3		0.289
*BLANK	<0.1	<0.005

Certified by



SGS Canada Inc.  
8282 Sherbrooke Street  
Vancouver, British Columbia V5X 4R6  
T: (604) 327-3436 F: (604) 327-3423

## CERTIFICATE OF ANALYSIS

0S-0054-PG3

Company: **Metal Mountain Resources Inc**  
Project: **Dome**  
Attn: **Daryl Hanson**

Sep-02-10

We hereby certify the following geochemical analysis of 9 pulp samples submitted Aug-11-10

Sample Name	Se ppm	Hg ppm
60825	0.4	1.51
60924	0.1	0.673
60925	<0.1	0.325
60926	0.4	3.51
60956	3.8	4.09
60949	5.2	19.6
60950	1.0	4.51
60386	0.6	9.90
60389	3.3	55.0
*DUP 60825	0.4	1.52
*CH-4	1.7	
*LKSD-3		0.289
*BLANK	<0.1	<0.005

Certified by



*Quality Assaying for over 35 Years*

## Assay Certificate

**0S-0057-RA1**

Company: **Metal Mountain Resources Inc.**  
Project: **Dome**  
Attn: **Daryl Hansen**

Sep-10-10

We hereby certify the following assay of 22 core samples submitted Aug-16-10

Sample Name	Au g/tonne	Ag g/tonne	Cu %	Pb %	Zn %	Sample Wt Kg
A061601	<0.03	0.9				1.5
A061602	<0.03	1.2				2.5
A061603	0.10	1.3				3
A061604	<0.03	0.7				2
A061605	8.47	3.1				0.1
A061606	0.03	0.4				1.5
A061607	0.07	1.6				4
A061608	0.13	4				3
A061609	7.97	125.2		1.62	3.88	1.5
A061610	10.73	142			3.14	1.5
A061611	35.60	69.7		2.21	1.88	1
A061612	39.20	349	1.05	3.78	7.87	2
A061613	0.13	1.7				2
A061614	0.37	11.7			3.03	0.5
A061615	<0.03	0.2				0.3
A061616	1.30	1.8				2.5
A061617	0.03	0.8				1.5
A061618	<0.03	1.4				1.5
A061619	0.03	2.4				1
A061620	0.20	1.5				10
A061621	17.30	55.2			1.49	1
A061622	0.03	1.9				2
*DUP A061601	<0.03	0.7				
*DUP A061610	10.40	139.4				
*DUP A061620	0.20	1.7				
*AC0501	8.23	226.9				
*ME-3			0.181	2.85	0.86	
*BLANK	<0.03	<0.1	<0.001	<0.01	<0.01	

\*Au, Ag by F.A. Gravimetric finish; Cu, Pb, Zn by 4 acid digest AA finish

Certified by \_\_\_\_\_

**Quality Assaying for over 35 Years****Assay Certificate****0S-0057-RA2**Company: **Metal Mountain Resources Inc.**  
Project: **Dome**  
Attn: **Daryl Hansen**

Sep-10-10

We hereby certify the following assay of 15 core samples  
submitted Aug-16-10

Sample Name	Au	Ag	Sample Wt
	g/tonne	g/tonne	Kg
A061623	11.67	1.9	0.1
A061624	0.10	0.7	2.5
A061625	0.03	0.1	2.0
A061626	<0.03	0.5	2.5
A061627	0.40	2.8	2.5
A061628	0.20	1.5	2.5
A061629	0.01	0.3	2.5
A061630	0.27	1.5	0.5
A061631	0.37	1.0	1.0
A061632	<0.03	0.7	0.4
A061633	<0.03	1.0	0.6
A061634	<0.03	0.4	1.0
A061635	0.10	0.4	2.0
A061636	<0.03	0.2	1.0
A061637	0.03	0.9	0.6
*DUP A061623	11.20	2.1	
*DUP A061632	<0.03	0.3	
*AC0501	8.47	225.3	
*BLANK	<0.01	<0.1	

\*Au, Ag by F.A. Gravimetric finish

Certified by \_\_\_\_\_



SGS Canada Inc.  
8282 Sherbrooke Street  
Vancouver, British Columbia V5X 4R6  
T: (604) 327-3436 F: (604) 327-3423

## CERTIFICATE OF ANALYSIS

0S-0057-RM1

Company: **Metal Mountain Resources Inc.**  
Project: **Dome**  
Attn: **Daryl Hansen**

Sep-10-10

We hereby certify the following analysis of 2 core samples  
submitted Aug-16-10

Sample Name	Wt Total g	Wt +150 g	+150 Au mg	-150 Au g/tonne	Metallic Au g/tonne	Net Au g/tonne
A061609	521.0	18.0	0.139	6.64	0.27	6.68
A061611	488.0	11.0	0.598	40.51	1.22	40.82

Certified by



# Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0S0057RR

Date : Sep-10-10

Sample type : CORE

## Metal Mountain Resources Inc.

Project : Dome

Attention : Daryl Hansen

## ICP-AES Report

Multi-Acid Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm
A061601	<1	8.98	19	287	<5	2.17	<1	27	47	34	5.92	63	0.66	<10	46	1.85	1630	<2	5.05	<10	9	2	0.33	10	19
A061602	<1	7.66	77	456	<5	1.80	3	12	84	25	3.05	39	1.31	10	49	1.04	1663	<2	2.97	<10	4	34	0.38	14	11
A061603	1	7.30	592	517	<5	2.45	35	11	79	56	3.18	41	2.58	11	17	1.08	5320	<2	1.00	<10	6	111	0.69	20	11
A061604	<1	8.57	89	610	<5	2.81	3	18	45	20	3.51	47	2.96	10	47	1.34	3977	<2	1.24	<10	8	41	0.46	22	14
A061605	2	4.05	>10000	331	8	2.19	<1	22	90	103	4.29	35	1.16	10	10	0.93	658	27	0.88	<10	57	829	0.98	15	10
A061606	<1	7.71	169	663	<5	4.15	4	29	74	58	5.05	65	2.83	<10	39	2.10	5626	<2	0.86	<10	22	51	0.61	22	23
A061607	1	7.57	138	885	<5	4.76	26	25	103	61	6.59	70	3.18	<10	23	2.32	6044	<2	0.25	<10	29	64	1.22	21	25
A061608	3	6.47	1910	772	<5	3.61	15	20	80	75	3.85	56	2.78	<10	6	1.94	3751	<2	0.15	<10	15	123	0.42	27	19
A061609	143	4.73	3295	614	16	0.66	705	11	121	1842	6.29	41	2.10	<10	5	0.55	5532	5	0.19	<10	15	>10000	5.55	495	15
A061610	154	3.28	>10000	413	45	0.81	469	11	120	5838	11.59	51	1.38	<10	20	0.80	5416	4	0.08	10	16	1132	8.09	563	12
A061611	81	2.71	>10000	297	23	0.81	376	9	166	2631	9.15	42	1.02	<10	35	0.63	3152	8	0.05	<10	11	>10000	5.87	120	10
A061612	>200	1.28	6409	126	99	0.97	1402	8	195	>10000	15.40	46	0.46	<10	16	0.53	2726	3	0.03	16	9	>10000	>10.00	1323	3
A061613	1	8.84	1523	1022	<5	4.60	12	24	34	64	6.00	79	3.69	<10	17	2.96	5376	2	0.33	<10	8	208	1.54	28	22
A061614	13	7.75	83	356	<5	1.58	563	26	100	5205	6.85	68	1.70	<10	39	2.11	3507	<2	1.58	<10	15	826	2.52	27	15
A061615	4	0.09	18	24	<5	>25.00	<1	<1	7	<1	0.06	34	0.03	<10	1	1.56	60	4	0.02	<10	<2	12	0.99	6	<1
A061616	2	5.52	122	581	<5	5.75	33	26	161	66	5.35	68	2.15	<10	11	2.81	4524	<2	0.12	<10	49	273	0.83	24	23
A061617	<1	7.38	49	825	<5	5.15	<1	39	234	3	5.63	78	2.77	<10	22	3.48	3159	<2	0.17	<10	84	18	1.04	20	35
A061618	1	11.45	22	3169	<5	0.30	<1	32	38	306	5.96	56	2.96	<10	24	1.47	736	<2	2.31	<10	9	120	2.84	13	27
A061619	<1	11.65	30	1467	<5	0.39	<1	41	45	91	5.95	47	3.53	<10	19	0.78	1494	<2	0.96	<10	9	112	3.03	17	27
A061620	4	9.41	3900	802	<5	0.68	65	18	67	54	7.56	67	3.70	<10	5	1.44	>10000	<2	0.49	<10	10	114	1.16	22	15
A061621	67	4.64	>10000	403	35	0.31	274	7	151	740	10.84	42	1.86	<10	3	0.44	7017	2	0.28	11	8	5456	7.30	366	7
A061622	<1	9.02	846	710	<5	3.17	4	25	38	44	5.58	58	1.37	<10	30	1.64	2046	<2	4.22	<10	8	97	0.42	16	21
A061623	3	4.00	>10000	370	8	2.06	<1	18	127	90	4.43	37	1.53	14	7	0.96	558	20	0.41	<10	54	780	0.86	11	8
A061624	<1	9.00	114	668	<5	1.52	11	25	48	67	5.30	55	2.16	11	15	1.51	1535	2	3.00	<10	8	14	0.54	14	20
A061625	<1	7.60	82	351	<5	1.32	2	14	76	44	3.25	41	1.46	10	32	1.03	1231	3	3.50	<10	4	45	0.18	13	11
A061626	<1	7.44	35	169	<5	1.97	<1	12	74	28	3.04	40	0.61	11	41	1.02	1236	<2	4.23	<10	4	48	0.14	13	10
A061627	1	7.55	84	314	<5	1.56	45	13	72	96	3.66	43	1.23	<10	20	0.96	1276	<2	3.95	<10	5	40	0.89	12	10
A061628	1	7.12	103	493	<5	2.32	69	13	75	92	4.46	44	1.76	<10	14	1.14	2366	<2	2.34	<10	7	25	1.13	15	11
A061629	<1	7.54	46	923	<5	4.49	1	30	202	119	6.42	61	2.44	<10	15	2.01	2118	<2	1.01	<10	54	47	0.54	43	28
A061630	<1	10.33	203	1272	<5	2.70	22	30	43	88	6.47	52	4.22	<10	10	1.13	2872	<2	0.43	<10	4	141	3.04	22	26

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.



Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0S0057RR

Date : Sep-10-10

Sample type : CORE

Metal Mountain Resources Inc.

Project : Dome

Attention : Daryl Hansen

ICP-AES Report

Multi-Acid Digestion

Sample Number	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
A061601	11	199	<5	22	0.25	168	12	6	102	34
A061602	<10	145	<5	14	0.23	94	14	10	298	52
A061603	<10	100	<5	16	0.21	84	59	12	2123	69
A061604	<10	128	<5	18	0.26	124	20	12	429	66
A061605	<10	110	<5	14	0.11	88	<10	7	221	55
A061606	<10	189	<5	27	0.37	160	19	11	457	48
A061607	10	222	7	29	0.32	162	46	11	1371	28
A061608	<10	233	<5	19	0.27	85	36	10	1023	23
A061609	11	71	<5	19	0.12	75	867	5	>10000	22
A061610	22	82	24	32	0.09	59	718	4	>10000	16
A061611	16	59	26	21	0.07	67	504	3	>10000	11
A061612	29	65	33	41	0.02	45	1749	1	>10000	10
A061613	10	310	<5	25	0.32	219	38	8	829	29
A061614	13	94	<5	26	0.26	171	708	7	>10000	33
A061615	<10	4819	<5	13	<0.01	3	<10	<1	51	2
A061616	<10	211	9	20	0.20	127	54	9	1905	11
A061617	10	219	<5	30	0.45	223	14	12	169	20
A061618	16	126	<5	29	0.42	209	<10	9	223	62
A061619	17	114	<5	33	0.44	234	10	11	150	70
A061620	16	40	<5	25	0.28	160	124	7	4628	48
A061621	23	24	22	26	0.12	81	348	3	>10000	30
A061622	10	196	<5	27	0.30	185	19	9	359	49
A061623	<10	98	<5	12	0.09	76	<10	4	198	70
A061624	11	126	<5	22	0.39	136	25	9	619	51
A061625	<10	116	<5	14	0.26	89	15	10	261	60
A061626	<10	198	<5	12	0.23	85	<10	9	77	50
A061627	<10	141	<5	14	0.24	89	63	9	2217	58
A061628	<10	135	<5	16	0.23	88	84	8	3296	41
A061629	11	231	<5	26	0.33	164	18	10	186	37
A061630	13	56	<5	31	0.42	220	47	10	1249	33

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.

Signed: 





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

Report No : 0S0057RR  
 Date : Sep-10-10  
 Sample type : CORE

**Metal Mountain Resources Inc.**

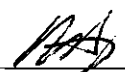
Project : Dome

Attention : Daryl Hansen

**ICP-AES Report**  
 Multi-Acid Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm		
A061631	<1	9.25	29	874	<5	4.85	<1	27	33	170	5.26	57	2.55	<10	8	1.94	2174	<2	2.80	<10	10	22	0.64	23	20		
A061632	4	0.08	<10	19	8	>25.00	<1	<1	11	<1	0.06	31	0.02	<10	<1	1.53	43	3	0.02	<10	<2	7	1.04	<5	<1		
A061633	<1	8.61	27	809	<5	6.22	<1	47	285	31	7.57	92	3.06	<10	33	4.26	2969	<2	0.25	<10	70	6	0.23	16	44		
A061634	<1	9.11	18	1160	<5	4.59	<1	27	29	<1	6.00	63	3.88	<10	12	2.28	2499	<2	0.47	<10	5	<2	0.54	14	21		
A061635	<1	10.50	66	1363	<5	4.35	<1	17	29	13	5.70	64	4.88	<10	8	2.01	3146	<2	0.42	<10	2	6	1.41	12	22		
A061636	<1	8.30	15	829	<5	3.24	<1	23	57	37	4.96	45	1.72	<10	11	1.26	1208	<2	3.29	<10	7	15	0.18	15	18		
A061637	<1	8.86	44	750	<5	4.32	<1	18	34	32	5.63	57	3.32	<10	6	1.91	2155	<2	1.30	<10	6	3	0.83	11	19		
<b>Duplicates:</b>																											
A061601	<1	9.04	18	292	<5	2.23	<1	29	48	35	5.98	63	0.67	<10	47	1.93	1655	<2	5.04	<10	10	12	0.34	11	20		
A061610	159	3.30	>10000	426	50	0.81	501	12	121	5869	11.48	51	1.39	<10	19	0.84	5515	4	0.08	<10	16	1166	8.73	583	12		
A061620	4	8.86	3704	761	<5	0.67	63	19	69	62	7.52	58	3.62	<10	4	1.38	>10000	<2	0.44	<10	10	117	1.09	21	14		
A061623	3	4.08	>10000	373	12	2.10	<1	20	127	86	4.57	35	1.51	13	7	0.96	565	20	0.41	<10	57	794	0.88	13	8		
A061632	4	0.07	11	16	6	>25.00	<1	<1	7	<1	0.05	28	0.01	<10	<1	1.46	36	3	0.02	<10	<2	3	1.06	<5	<1		
<b>Standards:</b>																											
Blank	<1	0.02	<10	11	<5	0.02	<1	<1	5	5	0.01	<1	<0.01	<10	<1	<0.01	10	<2	0.01	<10	<2	<2	<0.01	<5	<1		
CH-4	3	8.39	54	549	<5	2.14	2	35	113	2058	5.79	58	1.96	15	14	1.72	561	2	3.44	<10	62	20	0.72	16	13		

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.

Signed: \_\_\_\_\_ 



### Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 0S0057RR

Date : Sep-10-10

Sample type : CORE

### Metal Mountain Resources Inc.

Project : Dome


Attention : Daryl Hansen

### ICP-AES Report

Multi-Acid Digestion

Sample Number	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
A061631	<10	167	<5	23	0.29	182	12	10	168	47
A061632	<10	5048	<5	13	<0.01	2	<10	<1	9	1
A061633	10	146	6	27	0.30	333	11	9	207	32
A061634	<10	106	<5	27	0.35	264	13	10	82	33
A061635	<10	89	<5	22	0.27	341	24	11	73	39
A061636	<10	156	<5	21	0.24	177	<10	7	93	35
A061637	<10	104	<5	18	0.18	241	16	7	102	29
<b>Duplicates:</b>										
A061601	13	192	<5	23	0.34	173	15	8	93	42
A061610	23	83	27	32	0.10	60	729	4	>10000	16
A061620	15	40	<5	26	0.27	157	116	7	4507	47
A061623	<10	97	<5	<10	0.09	77	<10	4	201	69
A061632	<10	5055	<5	12	<0.01	2	12	<1	10	1
<b>Standards:</b>										
Blank	<10	1	<5	<10	<0.01	<1	<10	<1	53	2
CH-4	13	207	<5	28	0.34	110	20	10	204	152

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.

Signed: \_\_\_\_\_ 



*Quality Assaying for over 35 Years*

## Assay Certificate

**0S-0068-RA1**

Company: **Metal Mountain Resources**  
Project: **Dome**  
Attn: **Daryl Hanson**

Sep-14-10

We hereby certify the following assay of 22 core samples submitted Aug-21-10

Sample Name	Au g/tonne	Ag g/tonne	Zn %	Sample-wt kg
A061657	0.03	0.4		1.5
A061658	<0.03	<0.1		0.7
A061659	0.03	0.7		2.0
A061660	<0.03	0.4		1.3
A061661	2.73	9.3		0.9
A061662	0.27	2.0		0.6
A061663	3.37	8.7		0.6
A061664	12.07	3.1		
A061665	<0.03	<0.1		0.5
A061666	19.20	41.5	6.72	0.6
A061667	<0.03	1.7		2.7
A061668	2.13	15.5	3.04	1.0
A061669	2.10	14.9	3.56	0.8
A061670	6.37	22.9	2.29	1.6
A061671	<0.03	0.6		3.4
A061672	<0.03	0.3		2.1
A061673	<0.03	0.7		0.5
A061674	<0.03	0.1		2.4
A061675	0.03	0.5		1.4
A061676	0.03	0.3		0.6
A061677	0.03	1.4		1.2
A061678	0.07	4.9		0.5
*DUP A061657	0.07	0.5		
*DUP A061666	18.07	42.1		
*DUP A061676	0.03	1.0		
*AC0501	8.60	218.7		
*ME-3			0.82	
*BLANK	<0.03	<0.1	<0.01	

Au, Ag by FA Grav. finish; Zn by 4-acid

Certified by \_\_\_\_\_

*Quality Assaying for over 35 Years***Assay Certificate****0S-0068-RA2**Company: **Metal Mountain Resources**  
Project: **Dome**  
Attn: **Daryl Hanson**

Sep-14-10

We hereby certify the following assay of 13 core samples  
submitted Aug-21-10

Sample Name	Au g/tonne	Ag-4acid g/tonne	Pb %	Zn-4acid %	Sample Wt. Kg
A061679	17.87	181.8		9.51	1.2
A061680	0.27	1.9			1.0
A061681	0.13	0.9			1.5
A061682	0.20	2.0			1.5
A061683	6.77	50.4		5.51	0.6
A061684	5.20	15.7		1.40	1.6
A061685	7.87	2.6			
A061686	47.13	149.8	2.12	3.62	1.5
A061687	1.57	15.6		0.84	0.5
A061688	0.27	1.4			0.7
A061689	1.70	3.5			0.5
A061690	0.07	2.3			0.5
A061691	0.07	0.3			2.1
*DUP A061679	15.77	187.7			
*DUP A061688	0.27	1.6			
*AC0501	7.80	221.8			
*ME-3			2.71	0.84	
*BLANK	<0.03	<0.1	<0.01	<0.01	

Au, Ag by FA Grav. finish; Zn by 4-acid

Certified by \_\_\_\_\_



SGS Canada Inc.  
8282 Sherbrooke Street  
Vancouver, British Columbia V5X 4R6  
T: (604) 327-3436 F: (604) 327-3423

## CERTIFICATE OF ANALYSIS

0S-0068-RM1

Company: **Metal Mountain Resources**  
Project: **Dome**  
Attn: **Daryl Hanson**

Sep-14-10

We hereby certify the following analysis of 3 core samples  
submitted Aug-21-10

Sample Name	Wt Total g	Wt +150 g	+150 Au mg	-150 Au g/tonne	Metallic Au g/tonne	Net Au g/tonne
A061683	241.4	13.2	0.085	5.45	0.35	5.50
A061684	535.6	22.3	0.154	5.60	0.29	5.65
A061686	561.4	27.5	3.968	53.40	7.07	57.85

Certified by



# SGS Canada Inc.

8282 Sherbrooke Street, Vancouver, British Columbia, V5X 4R6

T: (604) 327-3436 F: (604) 327-3423

Report No : 0S0068RR

Date : Sep-14-10

Sample type : CORE

## Metal Mountain Resources

Project : Dome

Attention : Daryl Hanson

## ICP-AES Report

Multi-Acid Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm
A061657	<1	9.26	22	1400	<5	2.49	<1	17	88	69	2.78	29	4.04	<10	6	0.96	1009	<2	0.41	<10	6	16	0.33	12	22
A061658	<1	0.10	<10	18	<5	>25.00	<1	1	16	<1	0.06	16	0.05	<10	1	1.71	35	<2	0.02	<10	<2	6	0.51	<5	<1
A061659	<1	8.30	27	1224	<5	4.26	<1	23	37	25	5.67	29	2.98	<10	12	1.79	3043	<2	0.97	<10	5	14	1.09	8	22
A061660	<1	9.20	11	1099	<5	3.58	<1	25	34	21	5.64	34	2.39	<10	25	2.47	1958	<2	1.97	<10	5	12	0.63	12	24
A061661	11	8.65	3268	1221	<5	1.98	101	26	52	205	8.44	38	3.90	<10	6	2.11	>10000	<2	0.44	<10	3	351	1.81	68	17
A061662	2	8.04	114	585	<5	2.82	20	22	43	31	6.62	36	2.84	<10	10	2.43	8805	<2	1.58	<10	3	90	0.88	12	15
A061663	10	7.83	530	684	<5	1.86	50	19	71	138	7.40	31	3.63	<10	5	1.70	>10000	<2	0.21	<10	4	1564	2.87	15	13
A061664	2	3.84	>10000	369	<5	2.10	1	18	132	82	4.41	22	1.55	15	8	0.96	572	20	0.41	<10	58	769	1.03	7	8
A061665	<1	7.76	30	198	<5	4.81	<1	29	174	7	6.32	33	0.84	<10	33	3.80	2194	<2	3.55	<10	60	13	0.41	10	31
A061666	41	4.92	394	300	38	3.34	1227	21	118	2905	9.35	26	1.69	<10	7	1.72	3234	8	0.90	<10	12	8090	8.38	19	14
A061667	<1	10.37	21	1113	<5	4.99	<1	31	33	34	6.66	39	4.40	<10	14	2.76	3361	<2	0.97	<10	10	32	1.72	11	24
A061668	18	6.79	1309	158	10	0.40	573	14	149	1544	8.05	32	3.24	<10	4	0.61	6478	7	0.26	<10	13	472	7.29	26	16
A061669	16	4.31	2098	429	<5	0.45	567	13	183	954	4.40	24	1.93	<10	5	0.69	8343	7	0.19	<10	11	418	3.63	36	16
A061670	27	5.48	2493	498	10	1.46	376	18	168	1318	8.26	37	2.51	<10	5	1.84	>10000	<2	0.15	<10	19	427	3.70	33	25
A061671	<1	7.91	22	537	<5	5.01	<1	34	95	117	6.78	37	2.42	<10	39	4.82	3561	<2	1.06	<10	43	11	0.61	7	30
A061672	<1	7.75	19	305	<5	4.30	<1	25	109	25	5.58	30	0.81	<10	11	2.60	1488	<2	4.71	<10	35	5	0.10	11	22
A061673	<1	0.06	<10	<10	5	>25.00	<1	2	19	<1	0.06	15	0.02	<10	1	1.72	42	2	0.04	<10	2	<2	0.57	<5	<1
A061674	<1	7.73	15	322	<5	4.86	<1	27	119	<1	6.40	32	1.09	<10	15	3.24	1692	<2	4.07	<10	38	8	0.06	10	25
A061675	<1	7.92	14	94	<5	4.27	<1	20	64	1	5.41	32	0.26	<10	8	2.09	1491	<2	5.77	<10	14	6	0.05	9	19
A061676	<1	7.15	14	340	<5	2.90	<1	27	63	88	7.02	28	1.23	<10	9	1.75	3251	2	3.38	<10	12	12	0.10	37	20
A061677	<1	9.14	19	2479	<5	2.90	<1	24	51	78	6.67	34	4.43	<10	9	1.83	2041	<2	0.23	<10	12	10	0.55	14	22
A061678	4	9.53	69	1117	<5	0.67	10	45	104	95	12.28	33	4.14	<10	14	0.71	>10000	2	0.33	<10	27	289	1.27	21	45
A061679	200	1.68	2992	141	31	0.22	1631	17	146	4786	6.24	9	0.71	<10	4	0.19	1902	16	0.07	<10	11	>10000	>10.00	341	5
A061680	3	8.60	391	794	<5	3.24	10	21	42	54	7.10	44	3.90	<10	4	2.58	>10000	<2	0.24	<10	13	279	1.73	25	20
A061681	1	8.89	866	1125	<5	4.35	2	36	90	91	6.43	39	4.01	<10	10	2.28	5817	<2	0.22	<10	21	138	1.87	48	26
A061682	2	9.91	78	1364	<5	3.88	8	32	70	88	6.22	41	4.60	<10	14	1.92	5070	<2	0.21	<10	18	65	2.08	47	28
A061683	62	3.82	>10000	282	12	1.48	854	18	105	2079	5.99	19	1.62	<10	9	0.64	3177	11	0.10	<10	16	3339	6.71	401	13
A061684	18	1.10	>10000	93	<5	0.12	243	6	240	606	3.61	4	0.45	<10	4	0.07	369	4	0.04	<10	13	447	3.66	143	2
A061685	3	3.65	>10000	326	5	2.28	1	24	103	112	4.11	22	1.23	10	10	0.94	654	26	0.89	<10	67	944	1.14	10	10
A061686	180	0.89	>10000	70	34	0.04	667	6	295	4007	7.31	5	0.38	<10	3	0.13	2231	3	0.04	<10	8	>10000	8.80	1385	2

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.



# SGS Canada Inc.

8282 Sherbrooke Street, Vancouver, British Columbia, V5X 4R6

T: (604) 327-3436 F: (604) 327-3423

Report No : 0S0068RR

Date : Sep-14-10

Sample type : CORE

## Metal Mountain Resources

Project : Dome

Attention : Daryl Hanson

## ICP-AES Report

Multi-Acid Digestion

Sample Number	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
A061657	<10	88	<5	<10	0.44	172	<10	7	157	34
A061658	<10	5826	<5	<10	<0.01	3	<10	<1	15	1
A061659	<10	131	<5	<10	0.34	176	<10	10	143	38
A061660	<10	200	<5	<10	0.44	200	<10	8	161	33
A061661	<10	63	<5	<10	0.27	170	<10	7	5988	32
A061662	<10	151	<5	<10	0.28	153	<10	9	1633	37
A061663	<10	63	<5	<10	0.24	134	<10	7	3148	36
A061664	<10	109	<5	<10	0.09	72	<10	5	251	66
A061665	<10	336	<5	<10	0.36	191	<10	8	260	10
A061666	<10	177	<5	<10	0.13	126	133	5	>10000	8
A061667	<10	255	<5	<10	0.41	250	13	10	247	32
A061668	<10	29	<5	<10	0.15	108	21	4	>10000	32
A061669	<10	33	<5	<10	0.14	124	<10	3	>10000	18
A061670	<10	63	<5	<10	0.22	208	<10	5	>10000	11
A061671	<10	251	<5	<10	0.37	246	<10	9	272	20
A061672	<10	282	<5	<10	0.35	176	<10	10	153	31
A061673	<10	6148	<5	<10	<0.01	2	<10	<1	15	<1
A061674	<10	337	<5	<10	0.39	188	<10	9	116	21
A061675	<10	285	<5	<10	0.37	148	<10	10	110	29
A061676	<10	199	<5	<10	0.28	140	<10	11	215	18
A061677	<10	177	<5	<10	0.35	206	<10	9	93	26
A061678	<10	72	<5	<10	0.25	274	<10	32	1112	26
A061679	<10	26	<5	<10	0.06	40	322	3	>10000	6
A061680	<10	130	<5	<10	0.31	148	<10	13	868	24
A061681	<10	191	<5	<10	0.36	210	<10	13	340	25
A061682	<10	199	<5	<10	0.47	237	15	12	731	18
A061683	<10	89	<5	<10	0.13	100	125	4	>10000	8
A061684	<10	13	<5	<10	0.03	20	<10	1	>10000	7
A061685	<10	120	<5	<10	0.13	87	<10	8	301	53
A061686	<10	11	<5	<10	0.02	17	<10	1	>10000	5

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.



# SGS Canada Inc.

8282 Sherbrooke Street, Vancouver, British Columbia, V5X 4R6

T: (604) 327-3436 F: (604) 327-3423

Report No : 0S0068RR

Date : Sep-14-10

Sample type : CORE

## Metal Mountain Resources

Project : Dome

Attention : Daryl Hanson

## ICP-AES Report

Multi-Acid Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	Pb ppm	S %	Sb ppm	Sc ppm	
A061687	20	8.33	4545	765	<5	0.25	173	7	158	617	3.71	28	3.59	<10	6	0.38	3294	5	0.46	<10	11	659	2.88	333	15	
A061688	1	11.12	3239	999	<5	0.40	<1	39	61	46	5.57	37	4.98	<10	7	0.51	5035	2	0.47	<10	28	43	2.38	35	22	
A061689	3	0.58	564	52	<5	0.02	56	2	297	96	0.55	2	0.24	<10	3	0.03	235	4	0.03	<10	5	88	0.50	38	1	
A061690	3	9.64	95	854	<5	1.41	80	11	63	178	5.92	40	4.21	<10	3	1.66	>10000	<2	0.36	<10	8	33	0.45	72	17	
A061691	<1	7.93	29	751	<5	4.00	3	24	47	20	5.87	34	3.56	<10	9	3.17	6884	<2	0.21	<10	8	9	1.26	16	16	
<b>Duplicates:</b>																										
A061657	<1	9.41	15	1390	<5	2.60	<1	19	72	70	2.78	30	4.04	<10	6	0.95	1016	2	0.42	<10	7	24	0.36	12	22	
A061666	47	4.97	402	262	36	3.28	1234	21	121	2989	9.16	28	1.73	<10	8	1.66	3223	8	0.90	<10	13	8193	8.67	22	15	
A061676	<1	7.15	13	309	<5	2.61	<1	25	57	83	6.51	28	1.21	<10	9	1.53	3062	2	3.33	<10	11	22	0.10	38	19	
A061679	>200	1.73	3192	142	32	0.22	1735	18	144	4842	6.39	9	0.71	<10	4	0.20	1996	17	0.07	<10	11	>10000	>10.00	357	5	
A061688	1	11.13	3412	927	<5	0.41	<1	40	58	53	5.66	37	5.03	<10	7	0.52	5150	2	0.45	<10	30	49	2.48	34	22	
<b>Standards:</b>																										
Blank	<1	<0.01	<10	<10	<5	<0.01	<1	<1	9	<1	0.01	1	<0.01	<10	<1	<0.01	6	<2	0.01	<10	<2	<2	<0.01	<5	<1	
CH-4	2	7.77	12	504	<5	1.98	1	29	135	2139	5.49	35	1.92	17	14	1.53	504	4	3.35	<10	64	20	0.77	8	13	

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.





# SGS Canada Inc.

8282 Sherbrooke Street, Vancouver, British Columbia, V5X 4R6

T: (604) 327-3436 F: (604) 327-3423

Report No : 0S0068RR

Date : Sep-14-10

Sample type : CORE

## Metal Mountain Resources

Project : Dome

Attention : Daryl Hanson

## ICP-AES Report

Multi-Acid Digestion

Sample Number	Sn ppm	Sr ppm	Ta ppm	Te ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
A061687	<10	61	<5	<10	0.25	146	<10	8	>10000	56
A061688	<10	56	<5	<10	0.41	204	12	18	341	59
A061689	<10	10	<5	<10	0.02	10	<10	1	4000	2
A061690	<10	78	<5	<10	0.40	176	<10	10	5835	43
A061691	<10	177	<5	<10	0.32	234	<10	11	392	36
<b>Duplicates:</b>										
A061657	<10	88	<5	<10	0.43	175	<10	9	166	28
A061666	<10	176	<5	<10	0.13	128	125	5	>10000	8
A061676	<10	191	<5	<10	0.27	132	<10	10	206	20
A061679	<10	24	<5	<10	0.06	41	363	3	>10000	9
A061688	<10	55	<5	<10	0.39	205	11	18	380	57
<b>Standards:</b>										
Blank	<10	<1	<5	<10	<0.01	<1	<10	<1	1	<1
CH-4	<10	239	<5	<10	0.32	98	<10	11	226	138

A .2 gm sample is digested with HNO3/HClO4/HF/HCL and diluted to 25 ml.



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

*Quality Assaying for over 35 Years*

**Assay Certificate**

**0S-0069-RA1**

Company: **Metal Mountain Resources**  
 Project: **DOME**  
 Attn: **Daryl Hanson**

Oct-06-10

We hereby certify the following assay of 19 core samples submitted Aug-21-10

Sample Name	Au g/tonne	Ag g/tonne	Sample-wt Kg	Zn %
A061638	0.80	1.2	1.8	
A061639	0.03	0.5	1.7	
A061640	0.03	2.5	1.7	
A061641	0.07	0.9	1.4	
A061642	8.77	26.2	0.9	9.00
A061643	0.10	1.1	1.7	
A061644	0.87	3.6	1.5	
A061645	6.67	3.8		
A061646	11.47	12.8	0.6	
A061647	0.23	5.8	0.5	
A061648	0.07	0.9	1.4	
A061649	1.53	8.3	2.3	
A061650	0.33	17.8	0.5	
A061651	<0.03	1.5	1.5	
A061652	<0.03	1.8	2.3	
A061653	0.03	1.1	1.4	
A061654	<0.03	<0.1	1.9	
A061655	<0.03	<0.1	0.8	
A061656	<0.03	<0.1	1.4	
*DUP A061638	0.83	4.5		
*DUP A061647	0.20	3.2		
*AC0501	7.93	238.0		
*ME-3				0.84
*BLANK	<0.03	<0.01		<0.01

Au,Ag F.A. Grav. finish.Zn 4 Acid Digest AA finish.

Certified by \_\_\_\_\_ 



SGS Canada Inc.  
8282 Sherbrooke Street  
Vancouver, British Columbia V5X 4R6  
T: (604) 327-3436 F: (604) 327-3423

## CERTIFICATE OF ANALYSIS

0S-0069-RA1

Company: **Metal Mountain Resources**  
Project: **DOME**  
Attn: **Daryl Hanson**

Oct-06-10

We *hereby certify* the following assay of 19 core samples  
submitted Aug-21-10

Sample Name	Au g/tonne	Ag g/tonne	Sample-wt Kg	Zn %	Au-rerun g/tonne	Ag-rerun g/tonne
A061638	0.80	1.2	1.8			
A061639	0.03	0.5	1.7			
A061640	0.03	2.5	1.7			
A061641	0.07	0.9	1.4			
A061642	8.77	26.2	0.9	9.00		
A061643	0.10	1.1	1.7		0.09	0.9
A061644	0.87	3.6	1.5		0.89	2.7
A061645	6.67	3.8			8.20	2.5
A061646	11.47	12.8	0.6		12.72	13.2
A061647	0.23	5.8	0.5		0.18	1.6
A061648	0.07	0.9	1.4			
A061649	1.53	8.3	2.3			
A061650	0.33	17.8	0.5			
A061651	<0.03	1.5	1.5			
A061652	<0.03	1.8	2.3			
A061653	0.03	1.1	1.4			
A061654	<0.03	<0.1	1.9			
A061655	<0.03	<0.1	0.8			
A061656	<0.03	<0.1	1.4			
*DUP A061638	0.83	4.5				
*DUP A061647	0.20	3.2				
*AC0501	7.93	238.0			8.17	
*ME-3				0.84		267.5
*BLANK	<0.03	<0.01		<0.01	<0.03	<0.1

Au,Ag F.A. Grav. finish.Zn 4 Acid Digest AA finish.

Certified by



SGS Canada Inc.  
8282 Sherbrooke Street  
Vancouver, British Columbia V5X 4R6  
T: (604) 327-3436 F: (604) 327-3423

## CERTIFICATE OF ANALYSIS

0S-0069-RM1

Company: **Metal Mountain Resources**  
Project: **DOME**  
Attn: **Daryl Hanson**

Oct-06-10

We *hereby certify* the following analysis of 2 core samples  
submitted Aug-21-10

Sample Name	Wt Total g	Wt +150 g	+150 Au mg	-150 Au g/tonne	Metallic Au g/tonne	Net Au g/tonne
A061642	533.0	39.0	0.305	9.82	0.57	9.67
A061646	203.1	5.3	0.083	14.84	0.41	14.86

Certified by

**Appendix III**

**ASSAYERS CANADA ANALYTICAL PROCEDURE**



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

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**Procedure Summary:**

Sample Preparation - Rock

**Procedure:**

Rock and core samples are dried at 60° C. The samples are crushed using a jaw crusher. The 1/8" output from the jaw crusher is then riffled on a Jones Riffle Splitter to produce representative 150 to 250 gram sub-samples. These sub-samples are then pulverized to >95% - 140 mesh using a ring and puck pulverizer, rolled and bagged for analysis. The rejects remaining from the Jones Riffle are bagged and stored.



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

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**Procedure Summary:**

35 Element Multi-acid Leach ICP-AES

**Elements Analyzed:**

Ag, Al, As, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, K, La, Li, Mg, Mn, Mo, Na, Nb, Ni, Pb, S, Sb, Sc, Sn, Sr, Ta, Te, Ti, V, W, Y, Zn, Zr

**Procedure:**

0.2000 grams of the sample pulp is digested to dryness with a mixture of HNO<sub>3</sub>, HCl, HF and HClO<sub>4</sub>. After cooling, the sample is dissolved in 25 ml 20% HCl solution.

The solutions are analyzed by Inductively Coupled Plasma Atomic Emission Spectroscopy using standard operating conditions.

Each batch has 22 samples, 3 duplicates, one blank and two standards. Each batch will be rerun if the duplicates or the standards do not match the expected values.

Detection limit and analytical range are element specific.



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

**Procedure Summary:**

Gold (Au) and Silver(Ag) Fire Assay, 30g – Gravimetric Finish

**Element(s) Analyzed:**

Gold (Au) – g/tonne  
Silver (Ag) – g/tonne

**Procedure:**

The samples are fluxed, a known silver inquart is added and mixed. The assays are fused in batches of 22 assays along with a natural standard and a reagent blank (This is also the Ag-control standard). This batch of 24 assays is carried through the whole procedure as a set. After cupellation, the precious metal beads are weighed and transferred into porcelain cups, parted for one hour with 1:6 Nitric acid. This process is repeated twice more. After parting, the gold is then put in the furnace to oxidize any impurities.

The gold is then weighed using a microbalance. The amount of silver is the difference between the (Au & Ag) bead and gold. It is corrected according to the silver control standard. The natural standard fused along with this set must be within acceptable range of the true value or the set is re-assayed.

10% of the samples of all assays in the batch are re-assayed and reported in duplicate along with the standard and reagent blank.

Detection Limit : 0.03 g/tonne Au  
0.1 g/tonne Ag



**Procedure Summary:**

F141, F 142: Metallic Gold Fire Assay

**Elements Analyzed:**

Metallic Gold

**Procedure:**

A 500 g sample is pulverized to 95%-150 mesh, sieve out to +150 mesh and -150 mesh portions. The whole sample is fire assayed for +150 and two times at 1 AT charge for the -150. The total gold content is calculated based on the +150 and -150 gold concentration as

$$\text{Total gold(mg)} = (\text{Concentration of +150(g/t)} \times \text{Wt of +150}) + (\text{Concentration of -150(g/t)} \times \text{Wt of -150})$$

**Detection Limit: 0.01g/tonne**

**Appendix IV**

**ORE REFERENCE STANDARDS**

# CDN Resource Laboratories Ltd.

#2, 20148 – 102 Avenue, Langley, B.C., Canada, V1M 4B4, 604-882-8422, Fax: 604-882-8466 (www.cdnlabs.com)

## GOLD ORE REFERENCE MATERIAL: CDN-GS-8A

Recommended value and the "Between Laboratory" two standard deviations

*Gold concentration: 8.25 ± 0.60 g/t*

**PREPARED BY:** CDN Resource Laboratories Ltd.  
**CERTIFIED BY:** Duncan Sanderson, B.Sc., Licensed Assayer of British Columbia  
**INDEPENDENT GEOCHEMIST:** Dr. Barry Smee., Ph.D., P. Geo.  
**DATE OF CERTIFICATION:** July 15, 2009

### **ORIGIN OF REFERENCE MATERIAL:**

Standard CDN-GS-8A was prepared using ore supplied by Complex Minerals Corporation. The ore is from the 1100 lode of the Tiriganiaq Gold Deposit north of Rankin Inlet in Nunavut. It is a banded magnetite iron formation zone with gold in quartz shears with accessory pyrrhotite, pyrite, and arsenopyrite. The gold is free milling although there may be a small refractory component.

### **METHOD OF PREPARATION:**

Reject ore material (640 kg of Complex ore plus 160 kg of blank granitic ore) was dried, crushed, pulverized and then passed through a 270 mesh screen. The +270 material was discarded. The -270 material was mixed for 6 days in a double-cone blender. Splits were taken and sent to 13 commercial laboratories for round robin assaying. Round robin results are displayed below:

	Lab 1	Lab 2	Lab 3	Lab 4	Lab 5	Lab 6	Lab 7	Lab 8	Lab 9	Lab 10	Lab 11	Lab 12	Lab 13
Sample	Au (g/t)	Au (g/t)	Au (g/t)	Au (g/t)	Au (g/t)	Au (g/t)	Au (g/t)	Au (g/t)	Au (g/t)	Au (g/t)	Au (g/t)	Au (g/t)	Au (g/t)
GS8A-1	8.50	8.46	8.68	7.65	8.01	8.24	8.69	8.29	8.07	8.59	8.35	8.55	8.02
GS8A-2	8.04	8.54	8.01	8.10	7.96	8.21	7.59	8.18	8.31	8.17	8.06	8.35	8.29
GS8A-3	8.01	8.21	8.52	7.82	8.16	8.25	8.91	8.70	7.84	8.64	8.12	8.38	7.89
GS8A-4	8.89	8.2	8.17	8.62	8.27	8.18	8.25	8.54	8.90	7.80	8.18	8.15	8.00
GS8A-5	8.31	8.15	8.09	8.60	8.84	8.19	7.87	8.35	8.71	8.60	8.08	8.41	8.22
GS8A-6	8.83	8.28	8.07	8.10	7.58	8.20	7.96	8.86	8.36	8.24	7.60	8.48	8.13
GS8A-7	7.88	8.61	8.57	8.33	7.42	8.21	8.20	8.29	8.40	8.21	8.07	8.16	8.10
GS8A-8	8.02	8.34	8.58	8.10	7.76	8.21	7.75	8.12	8.91	8.60	7.77	8.56	8.12
GS8A-9	7.94	8.32	8.40	8.78	8.09	8.27	8.39	7.97	8.82	8.54	7.67	8.54	8.32
GS8A-10	8.78	8.09	8.58	7.52	7.54	8.18	8.21	7.85	8.40	8.52	7.81	8.17	7.78
Mean	8.32	8.32	8.37	8.16	7.96	8.21	8.18	8.32	8.47	8.39	7.97	8.38	8.09
Std. Dev.	0.399	0.171	0.255	0.424	0.419	0.031	0.411	0.314	0.359	0.275	0.244	0.165	0.169
%RSD	4.79	2.05	3.05	5.19	5.27	0.38	5.02	3.78	4.24	3.28	3.05	1.97	2.09

*Assay Procedure: all assays were fire assay, ICP finish on 30g samples*

### APPROXIMATE CHEMICAL COMPOSITION:

	Percent		Percent
SiO <sub>2</sub>	70.6	Na <sub>2</sub> O	1.4
Al <sub>2</sub> O <sub>3</sub>	8.6	MgO	1.7
Fe <sub>2</sub> O <sub>3</sub>	6.9	K <sub>2</sub> O	1.7
CaO	3.5	TiO <sub>2</sub>	0.4
MnO	0.1	LOI	3.6
S	1.0		

## GOLD ORE REFERENCE MATERIAL: CDN-GS-8A

### **Statistical Procedures:**

The final limits were calculated after first determining if all data was compatible within a spread normally expected for similar analytical methods done by reputable laboratories. Data from any one laboratory was removed from further calculations when the mean of all analyses from that laboratory failed a t test of the global means of the other laboratories. The mean and standard deviation were calculated using all remaining data. Any analysis that fell outside of the mean  $\pm 2$  standard deviations was removed from the ensuing data base. The mean and standard deviations were again calculated using the remaining data. This method is different from that used by Government agencies in that the actual "between-laboratory" standard deviation is used in the calculations. This produces upper and lower limits that reflect actual individual analyses rather than a grouped set of analyses. The limits can therefore be used to monitor accuracy from individual analyses, unlike the Confidence Limits published on other standards.

### Participating Laboratories:

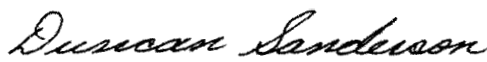
(not in same order as table of assays)

Acme Analytical Laboratories Ltd., Vancouver, Canada  
Activation Laboratories, Ancaster, Ontario, Canada  
Activation Laboratories, Thunder Bay, Ontario, Canada  
ALS Chemex, North Vancouver, Canada  
Alaska Assay Laboratories, Alaska, USA  
Assayers Canada Ltd., Vancouver, Canada  
Eco Tech, B.C., Canada  
Genalysis Lab.Services, Australia  
Labtium Inc., Finland  
Omac Laboratory, Ireland  
SGS Toronto, Canada  
TSL Laboratories Ltd., Saskatoon, Canada  
Ultra Trace Pty. Ltd., Australia

### Legal Notice:

This certificate and the reference material described in it have been prepared with due care and attention. However CDN Resource Laboratories Ltd. nor Barry Smee accept any liability for any decisions or actions taken following the use of the reference material. Our liability is limited solely to the cost of the reference material.

Certified by



Duncan Sanderson, Certified Assayer of B.C.

Geochemist



Dr. Barry Smee, Ph.D., P. Geo.

# CDN Resource Laboratories Ltd.

#2, 20148 - 102nd Avenue, Langley, B.C., Canada, V1M 4B4, Ph: 604-882-8422 Fax: 604-882-8466 (www.cdnlabs.com)

## GOLD ORE REFERENCE STANDARD: CDN-GS-11A

Recommended value and the "Between Laboratory" two standard deviations

*Gold concentration: 11.21 ± 0.87 g/t*

**PREPARED BY:** CDN Resource Laboratories Ltd.  
**CERTIFIED BY:** Duncan Sanderson, B.Sc., Licensed Assayer of British Columbia  
**INDEPENDENT GEOCHEMIST:** Dr. Barry Smee., Ph.D., P. Geo.  
**DATE OF CERTIFICATION:** February 10, 2009

### **ORIGIN OF REFERENCE MATERIAL:**

Standard CDN-GS-11A was prepared using ore supplied by Comaplex Minerals Corporation. The ore is from the 1100 lode of the Tiriganiaq Gold Deposit north of Rankin Inlet in Nunavut. It is a banded magnetite iron formation zone with gold in quartz shears with accessory pyrrhotite, pyrite, and arsenopyrite.

### **METHOD OF PREPARATION:**

Reject ore material was dried, crushed, pulverized and then passed through a 200 mesh screen. The +200 material was discarded. The -200 material was mixed for 6 days in a double-cone blender. Splits were taken and sent to 12 commercial laboratories for round robin assaying. Round robin results are displayed below:

	Lab 1	Lab 2	Lab 3	Lab 4	Lab 5	Lab 6	Lab 7	Lab 8	Lab 9	Lab 10	Lab 11	Lab 12
	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t
GS11A-1	10.81	11.05	11.07	12.20	10.76	10.9	10.1	10.50	11.30	11.64	11.29	11.0
GS11A-2	11.37	11.20	11.80	10.95	10.34	11.3	10.0	11.00	11.70	12.08	11.43	10.9
GS11A-3	10.60	11.40	10.90	11.25	10.94	11.1	10.6	11.61	11.30	11.40	11.66	11.3
GS11A-4	11.91	11.15	11.10	10.60	10.77	11.8	10.4	11.60	11.00	10.84	10.90	10.8
GS11A-5	11.71	11.35	10.80	12.10	10.66	11.4	10.2	10.04	11.70	12.48	11.18	11.1
GS11A-6	11.77	11.25	11.50	11.90	11.06	11.5	10.5	10.19	12.00	12.20	11.34	11.2
GS11A-7	11.33	10.75	11.43	13.10	10.64	11.6	10.9	10.55	10.30	11.81	10.90	10.6
GS11A-8	11.16	10.90	11.57	10.90	11.12	11.6	10.9	10.93	11.00	11.56	11.50	11.3
GS11A-9	11.56	11.20	11.30	11.10	10.83	11.2	10.8	11.51	12.30	11.56	10.86	10.7
GS11A-10	11.53	11.05	11.73	10.15	10.38	10.8	10.1	10.76	11.00	11.16	11.84	11.2
Mean	11.38	11.13	11.32	11.43	10.75	11.32	10.45	10.87	11.36	11.67	11.29	11.01
Std. Dev.	0.419	0.199	0.344	0.884	0.261	0.322	0.344	0.569	0.582	0.491	0.334	0.251
%RSD	3.68	1.79	3.04	7.74	2.43	2.85	3.29	5.23	5.12	4.21	2.96	2.28

*Assay Procedure: all assays were fire assay, gravimetric finish on 30g samples except for labs 8 and 12 which used ICP finish.*

### APPROXIMATE CHEMICAL COMPOSITION:

	Percent		Percent
SiO <sub>2</sub>	70.8	Na <sub>2</sub> O	0.9
Al <sub>2</sub> O <sub>3</sub>	9.1	MgO	1.8
Fe <sub>2</sub> O <sub>3</sub>	6.8	K <sub>2</sub> O	2.6
CaO	3.3	TiO <sub>2</sub>	0.4
MnO	0.1	LOI	4.0
S	0.9	C	1.1

## GOLD ORE REFERENCE STANDARD: CDN-GS-11A

### **Statistical Procedures:**

The final limits were calculated after first determining if all data was compatible within a spread normally expected for similar analytical methods done by reputable laboratories. Data from any one laboratory was removed from further calculations when the mean of all analyses from that laboratory failed a t test of the global means of the other laboratories. The mean and standard deviation were calculated using all remaining data. Any analysis that fell outside of the mean  $\pm 2$  standard deviations was removed from the ensuing data base. The mean and standard deviations were again calculated using the remaining data. This method is different from that used by Government agencies in that the actual "between-laboratory" standard deviation is used in the calculations. This produces upper and lower limits that reflect actual individual analyses rather than a grouped set of analyses. The limits can therefore be used to monitor accuracy from individual analyses, unlike the Confidence Limits published on other standards.

### Participating Laboratories:

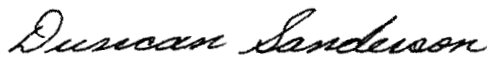
(not in same order as table of assays)

Acme Analytical Laboratories Ltd., Vancouver, Canada  
Activation Laboratories, Ontario, Canada  
ALS Brisbane, Australia  
ALS Chemex, North Vancouver, Canada  
Assayers Canada Ltd., Vancouver, Canada  
Alex Stewart (Assayers) Argentina Ltd.  
Genalysis Lab.Services, Australia  
Labtium Inc., Finland  
Omac Laboratory, Ireland  
Skyline Assayers & Laboratories Ltd, Arizona, USA  
TSL Laboratories Ltd., Saskatoon, Canada  
Ultra Trace Pty. Ltd., Australia

### Legal Notice:

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Certified by



Duncan Sanderson, Certified Assayer of B.C.

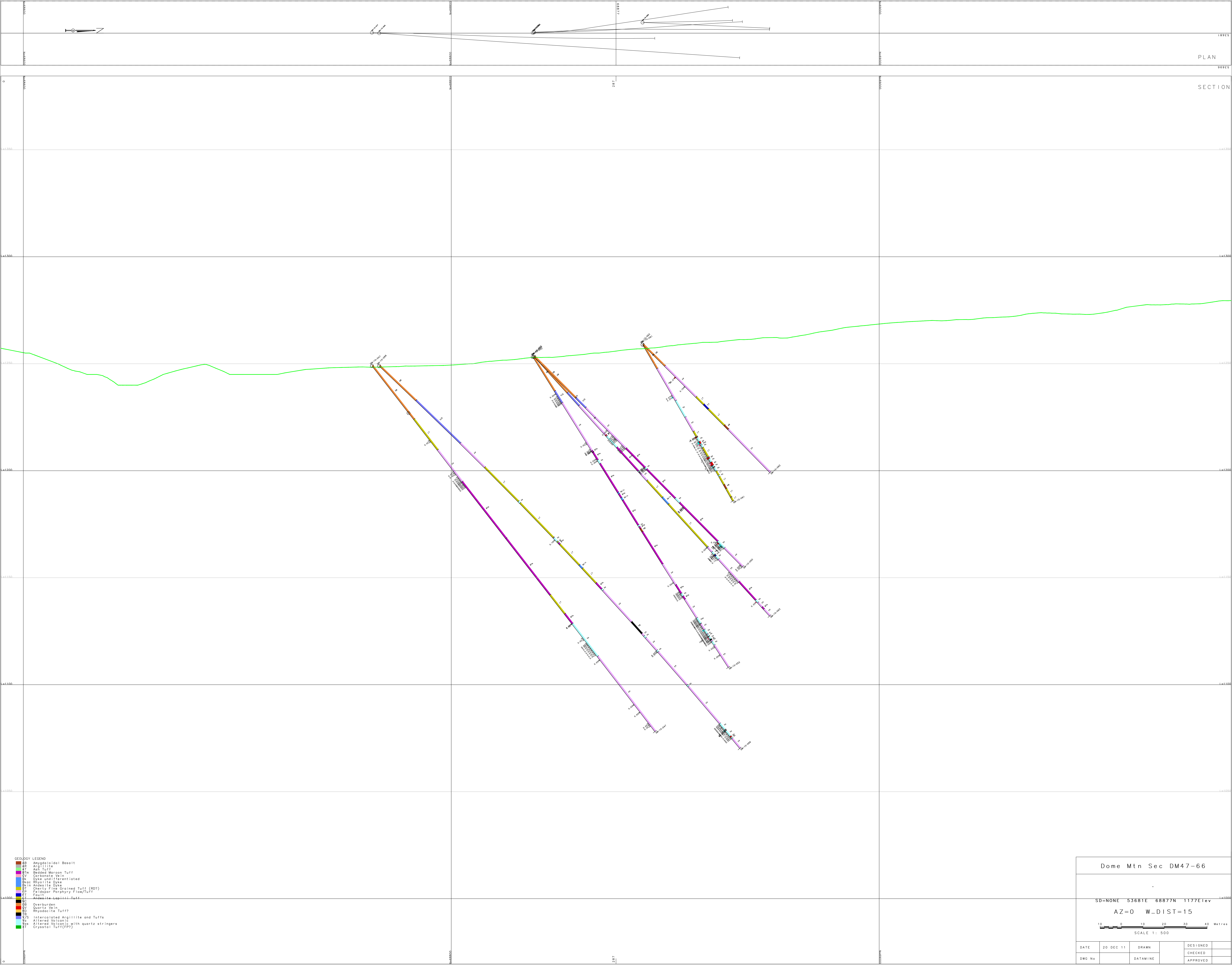
Geochemist



Dr. Barry Smee, Ph.D., P. Geo.

**Appendix V**

**DRILL HOLE CROSS SECTIONS**



- GEOLOGY LEGEND**
- AB Amygdaloidal Basalt
  - AG Argillite
  - AT Ash Tuff
  - BT Bedded Maroon Tuff
  - CV Carbonate Vein
  - DY Dyke and Differentiated
  - RD Rhyolite Dyke
  - SD Siltstone
  - DT Diatomaceous Tuff (RD)
  - FP Feldspar Perphyry Flow/Tuff
  - FT Fault
  - LT Andesite-Lapilli Tuff
  - OB Overburden
  - QV Quartz Vein
  - RD Rhyodacite Tuff?
  - IS Interscalated Argillite and Tuffs
  - VA Altered Volcanic with quartz stringers
  - VT Crystal Tuff (PPS)

Dome Mtn Sec DM47-66

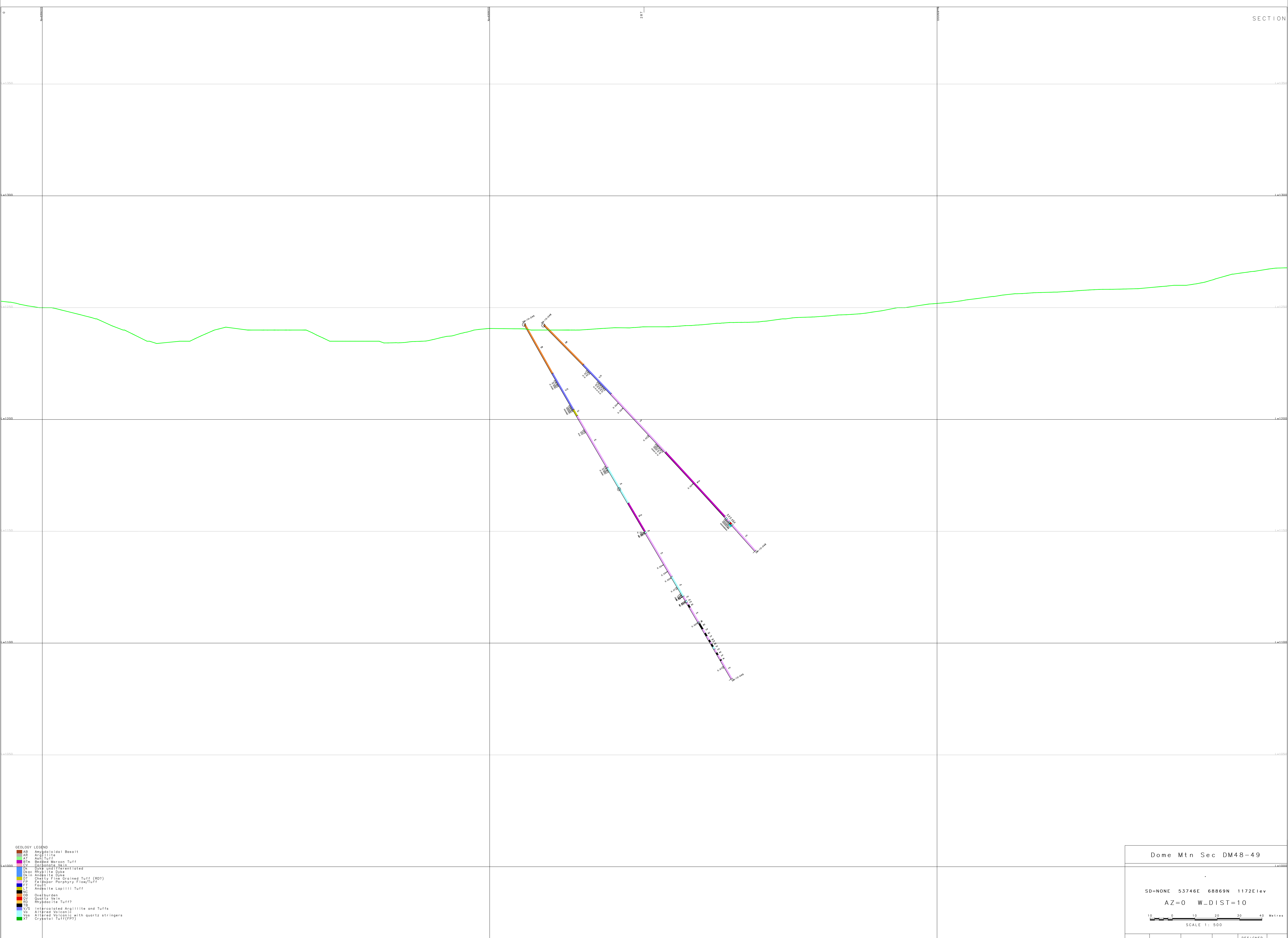
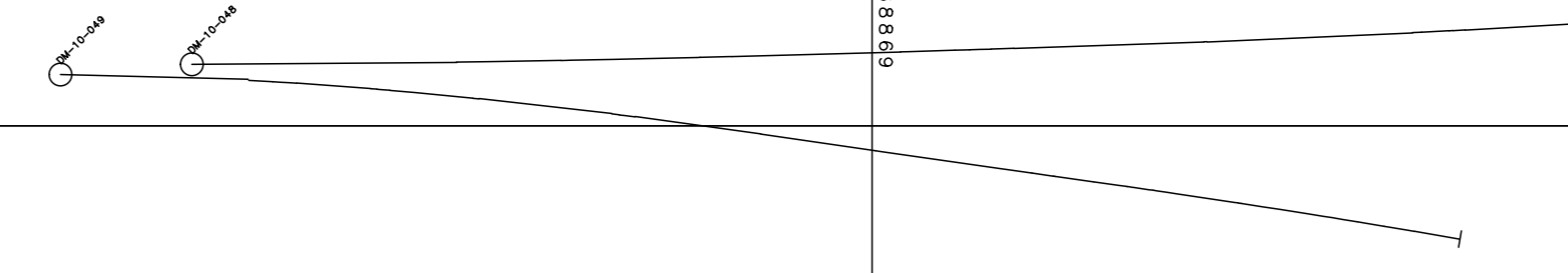
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DWG No		DATAMINE	CHECKED
			APPROVED

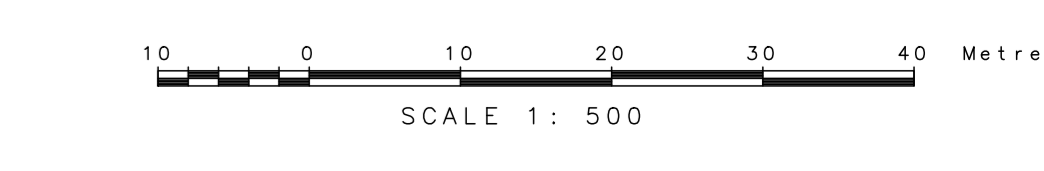




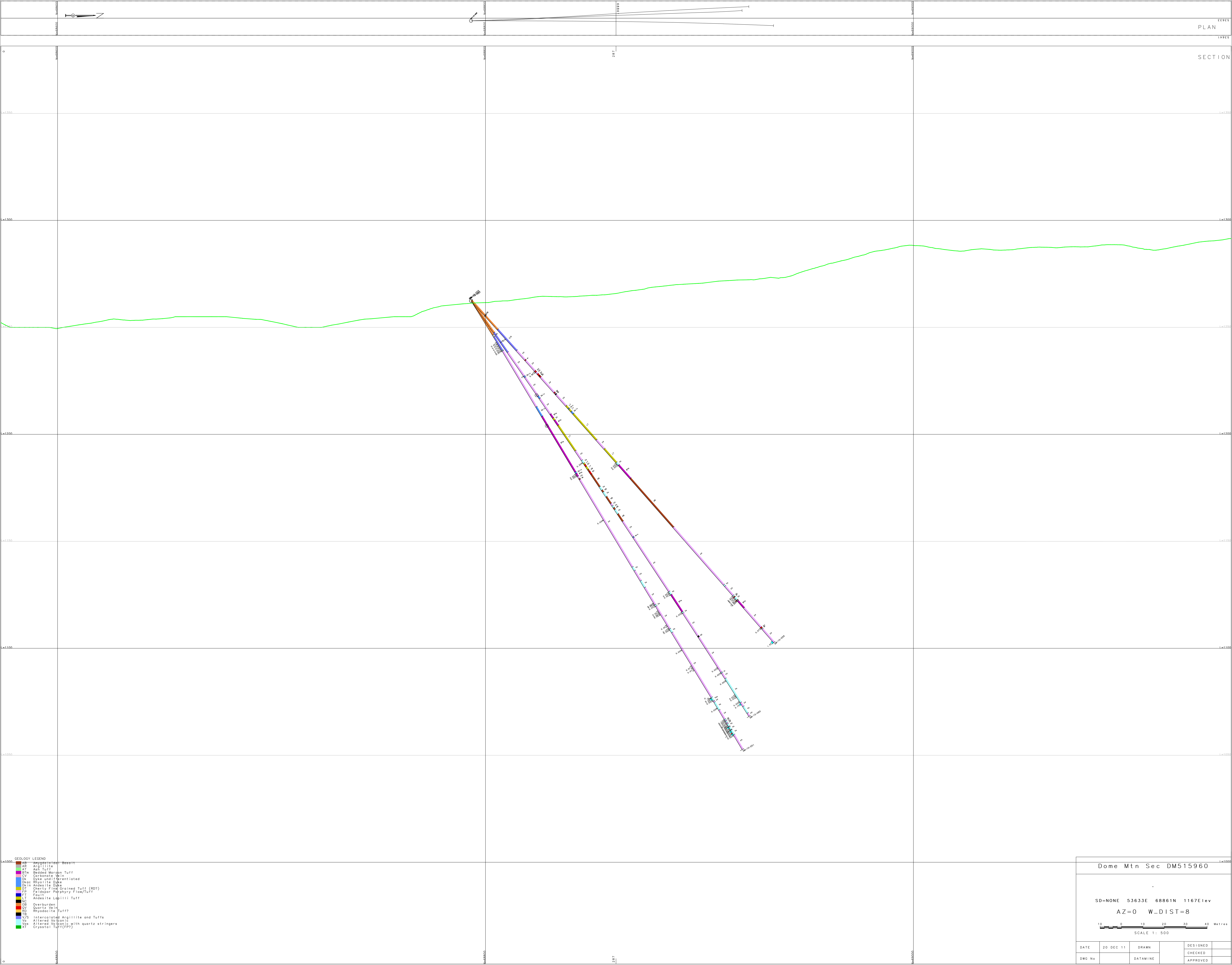
- GEOLOGY LEGEND**
- AB Amygdaloidal Basalt
  - AR Argillite
  - AT Ash Tuff
  - BT Bedded Maroon Tuff
  - CV Carbonate Vein
  - DA Dark and Interstratified
  - DK Rhyolite Dyke
  - DR Darkly Fine Grained Tuff (RD)
  - EP Felspar Perhyry Flow/Tuff
  - FT Tuff
  - LT Andesite Lapilli Tuff
  - NC Overburden
  - OB Overburden
  - QV Quartz Vein
  - RD Rhyodacite Tuff?
  - TE Intercalated Argillite and Tuffs
  - V/S Altered Volcanic with quartz stringers
  - VB Altered Volcanic
  - XT Crystal Tuff (PPS)

Dome Mtn Sec DM48-49

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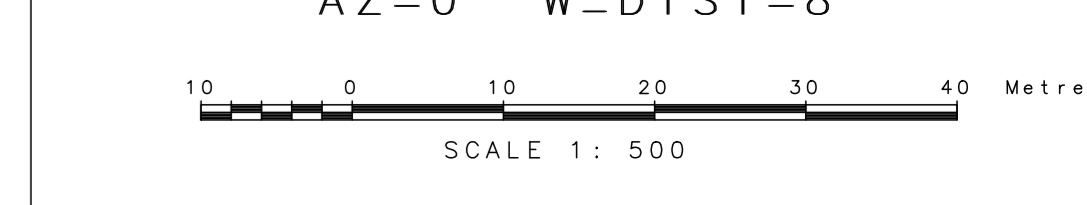


**GEOLOGY LEGEND**

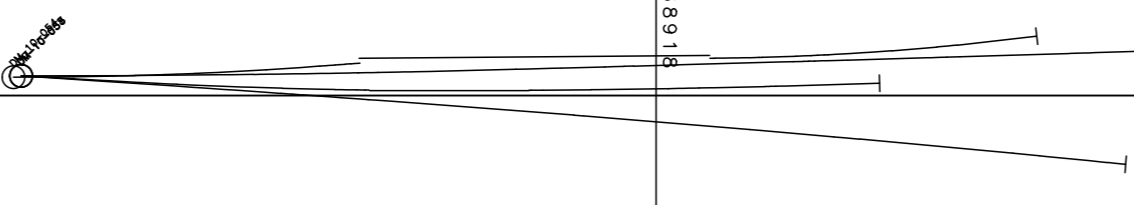
AB	Amphibolite
AT	Ash Tuff
BT	Bedded Mazon Tuff
CV	Carbonate Vein
DA	Dike and/or Anticline
DK	Diabase Dyke
DR	Diabase (Rhyolite)
EP	Feldspar Porphyry Flow/Tuff
LT	Andesite Lapilli Tuff
OB	Overburden
OV	Quartz Vein
RD	Rhyodacite Tuff?
V/S	Intercalated Argillite and Tuffs
VA	Altered Volcanic with quartz stringers
XT	Crystal Tuff (PPS)

Dome Mtn Sec DM515960

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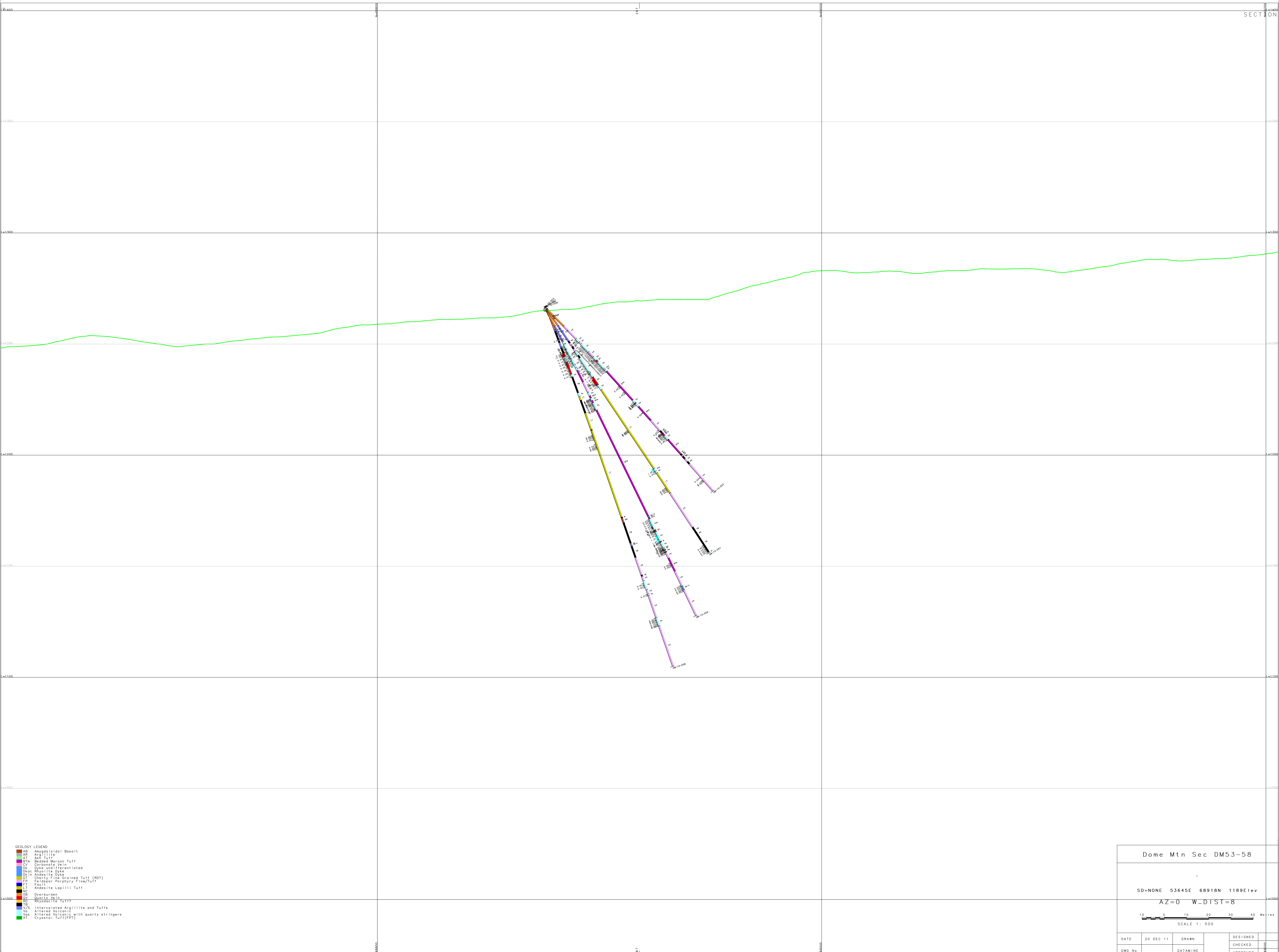


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DWG No		DATAMINE	CHECKED
			APPROVED



PLAN

SECTION



- GEOLOGY LEGEND**
- AB Amygdaloidal Basalt
  - AR Argillite
  - AT Ash Tuff
  - BTB Bedded Maroon Tuff
  - CV Carbonate Vein
  - DA Dike and Differentiated
  - DRK Rhyolite Dyke
  - DM Andesite Dyke
  - DT Directly Flow Drained Tuff (RDP)
  - FP Feldspar Perphyry Flow/Tuff
  - FT Fault
  - LT Andesite Lapilli Tuff
  - OB Overburden
  - OV Quartz Vein
  - RD Rhyodacite Tuff
  - TE Intercalated Argillite and Tuffs
  - V/S Intercalated Argillite and Tuffs
  - VA Altered Volcanic with quartz stringers
  - XT Crystal Tuff (PPS)

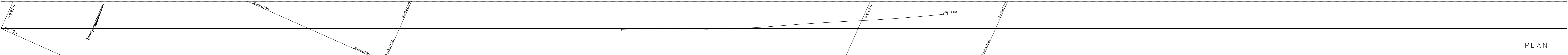
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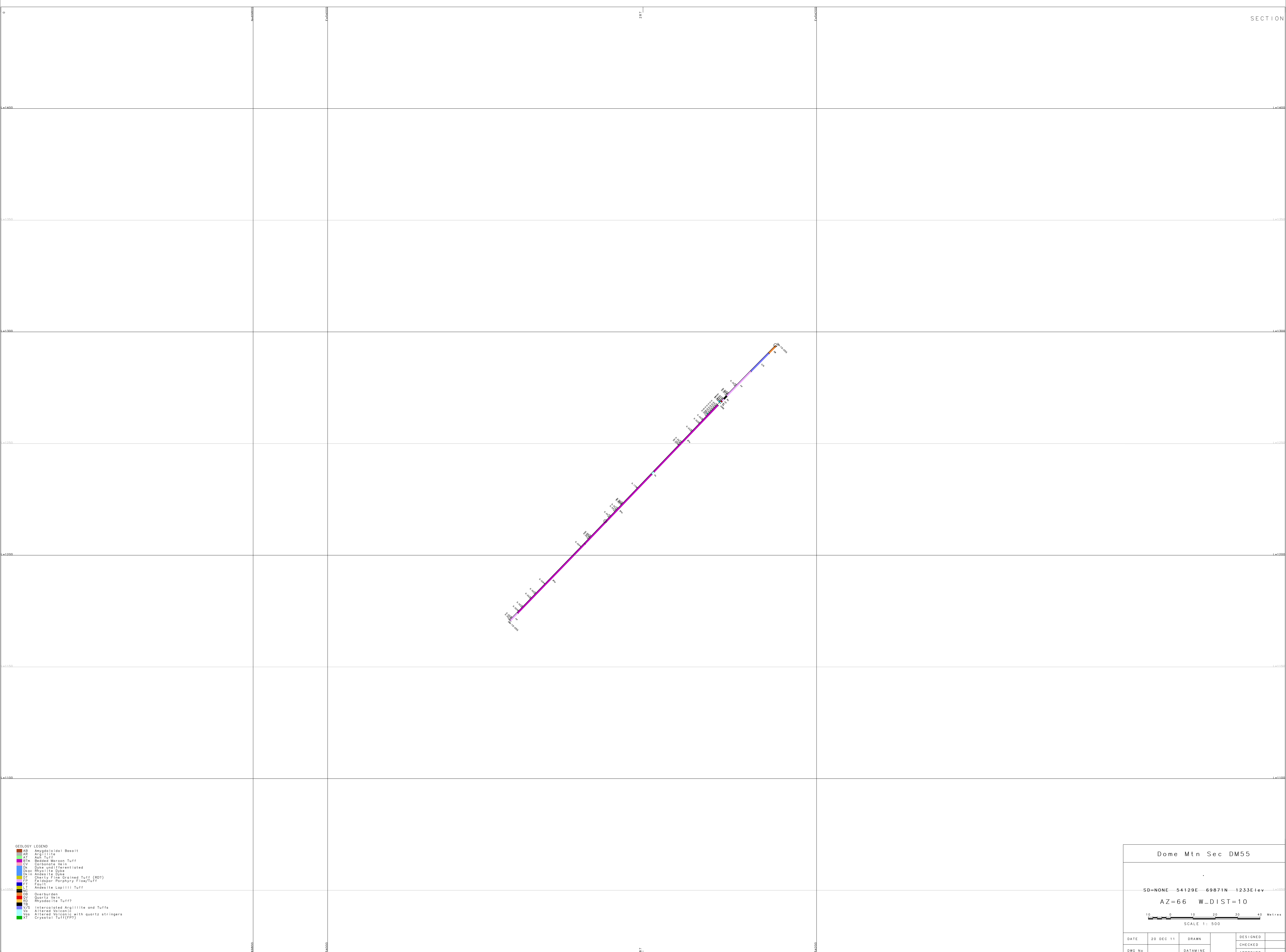
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DWG No		DATAMINE			



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SECTION

- GEOLOGY LEGEND**
- AB Amygdaloidal Basalt
  - AR Argillite
  - AT Ash Tuff
  - BT Bedded Maroon Tuff
  - CV Carbonate Vein
  - DA Dyke and Differentiated
  - DR Rhyolite Dyke
  - DM Mafic Dyke
  - DI Dielsly Fine Grained Tuff (RD)
  - FP Feldspar Perphyry Flow/Tuff
  - FT Fault
  - LT Andesite Lapilli Tuff
  - NC Overburden
  - OB Overburden
  - QV Quartz Vein
  - RD Rhyodacite Tuff?
  - TE Intercalated Argillite and Tuffs
  - V/S Altered Volcanic with quartz stringers
  - VS Altered Volcanic
  - XT Crystal Tuff (PPS)

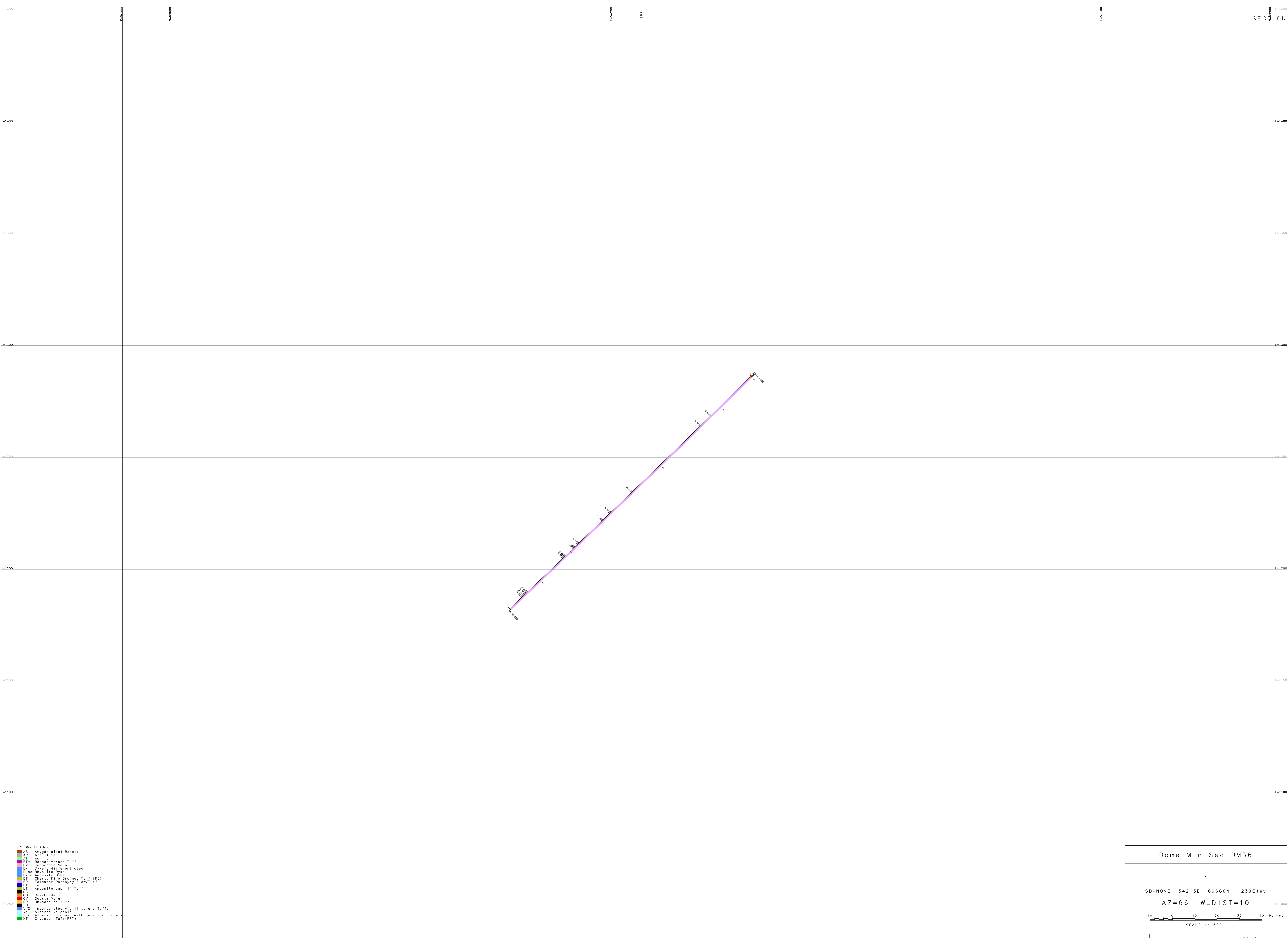
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DWG No		DATAMINE		CHECKED	
				APPROVED	



- GEOLOGY LEGEND**
- AB Amygdaloidal Basalt
  - AR Argillite
  - AT Ash Tuff
  - BT Bedded Maroon Tuff
  - CV Carbonate Vein
  - DA Dyke and Differentiated
  - DR Rhyolite Dyke
  - DK Diabase Dyke
  - DJ Diaboly Fine Grained Tuff (RD)
  - FP Feldspar Perphyry Flow/Tuff
  - FT Fault
  - LT Andesite Lapilli Tuff
  - NC Overburden
  - OB Overburden
  - QV Quartz Vein
  - RD Rhyodacite Tuff??
  - TE Intercalated Argillite and Tuffs
  - V/S Altered Volcanic with quartz stringers
  - VS Altered Volcanic
  - XT Crystal Tuff(PSP)

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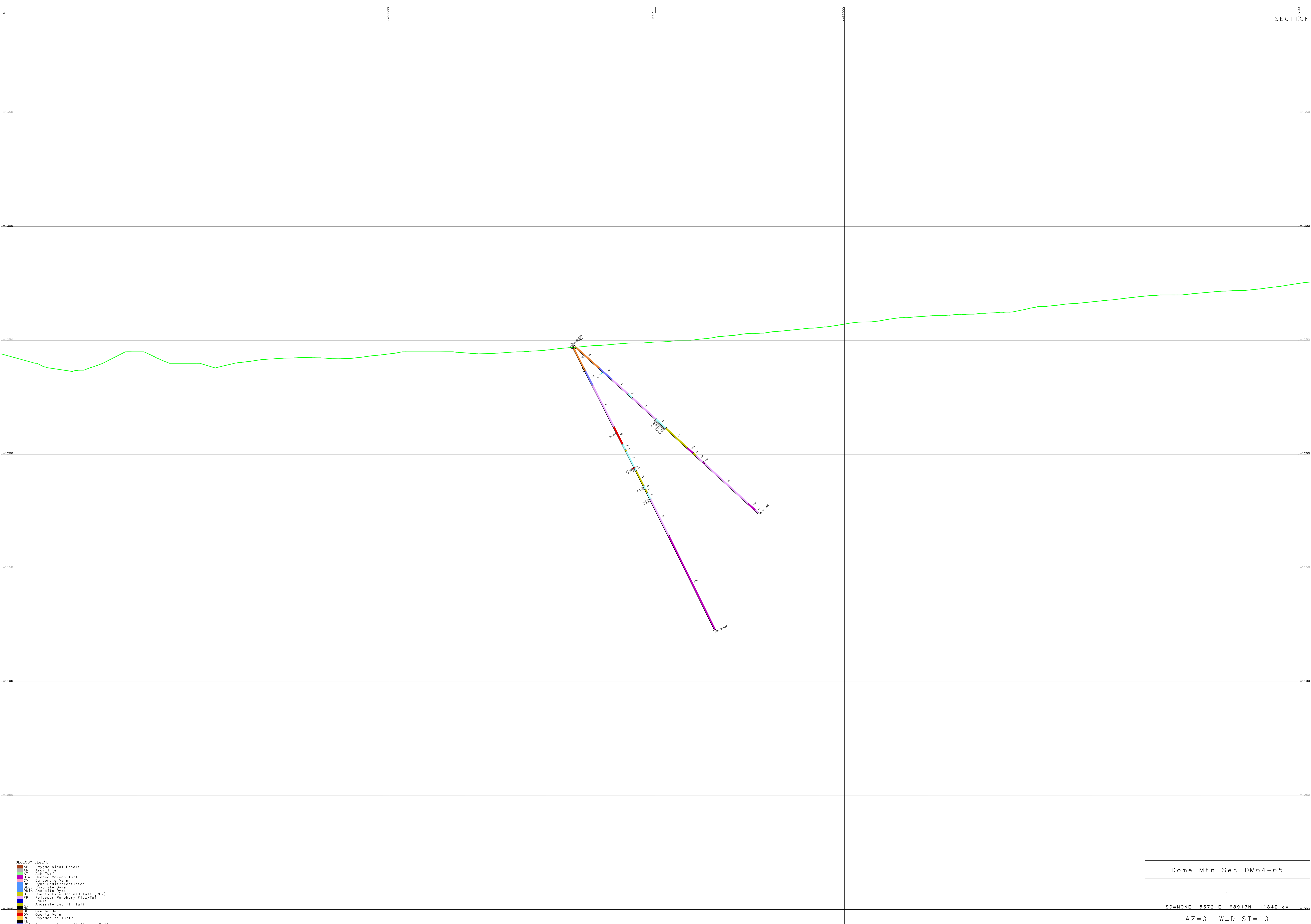
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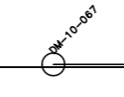
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SECTION



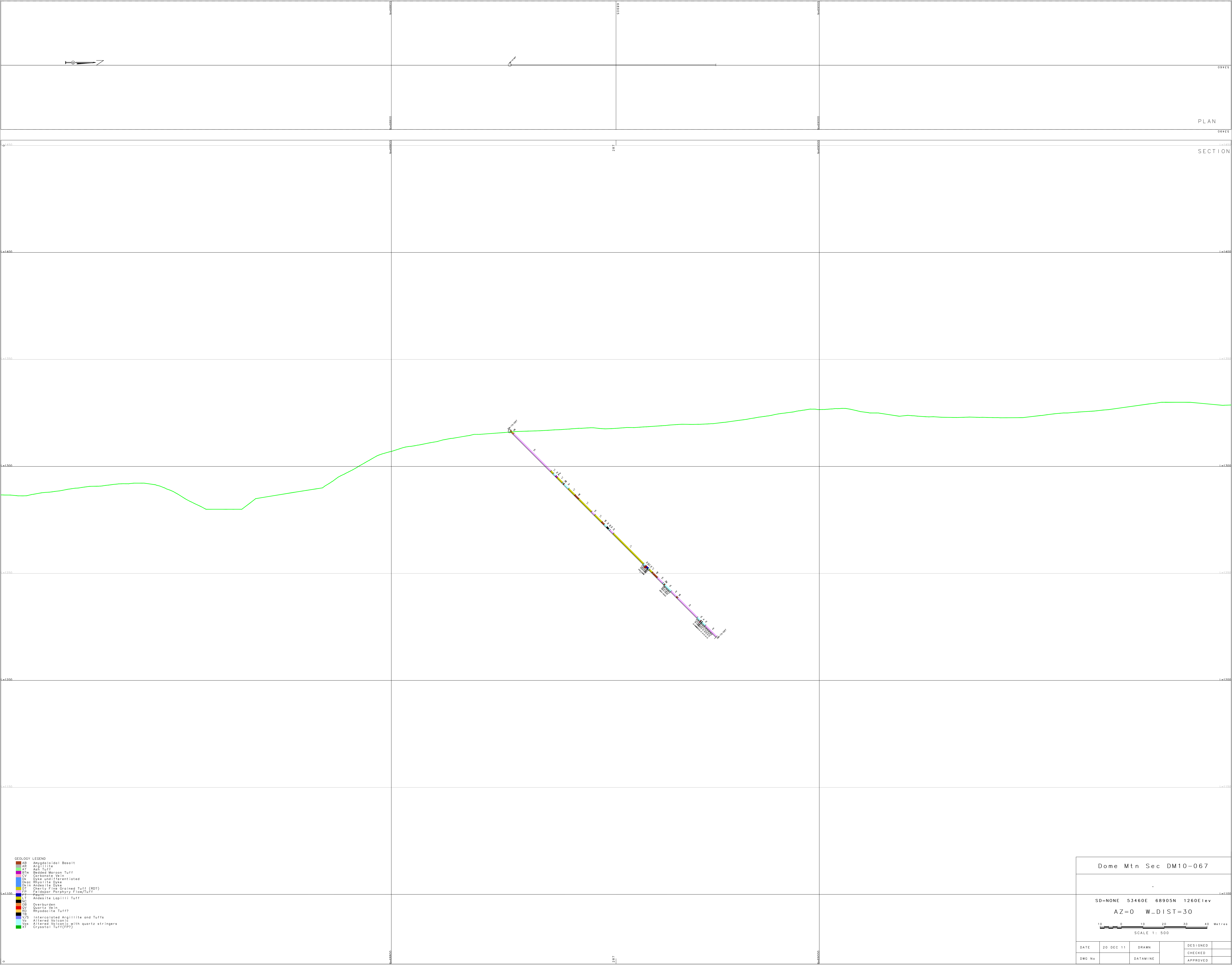
- GEOLOGY LEGEND**
- AB Amygdaloidal Basalt
  - AR Argillite
  - AT Ash Tuff
  - BT Bedded Maroon Tuff
  - CV Carbonate Vein
  - DA Dyke and Differentiated
  - DK Rhyolite Dyke
  - DL Diatrytic Fine Grained Tuff (RD)
  - DP Feldspar Perphyry Flow/Tuff
  - FT Fault
  - LT Andesite Lapilli Tuff
  - OB Overburden
  - OV Quartz Vein
  - RD Rhyodacite Tuff?
  - RS Rhyodacite Tuff?
  - V/S Intercalated Argillite and Tuffs
  - VA Altered Volcanic with quartz stringers
  - XT Crystal Tuff (PPS)

Dome Mtn Sec DM64-65			
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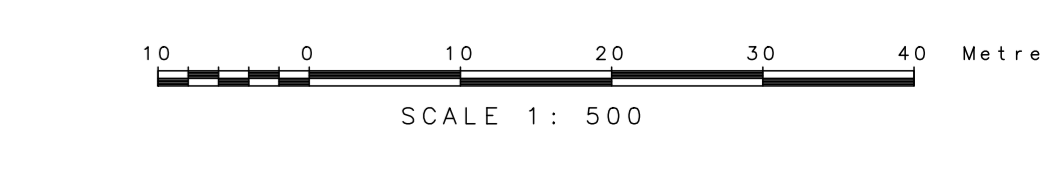
SECTION



- GEOLOGY LEGEND**
- AB Amygdaloidal Basalt
  - AR Argillite
  - AT Ash Tuff
  - BT Bedded Maroon Tuff
  - CV Carbonate Vein
  - DA Dyke and Differentiated
  - DR Rhyolite Dyke
  - DI Diabase Dyke
  - DJ Dolerite and Gneiss Tuff (RD)
  - FP Feldspar Porphyry Flow/Tuff
  - FT Tuff
  - LT Andesite Lapilli Tuff
  - NC Overburden
  - OB Overburden
  - QV Quartz Vein
  - RD Rhyodacite Tuff
  - RT Rhyodacite Tuff
  - V/S Intercalated Argillite and Tuffs
  - VA Altered Volcanic with quartz stringers
  - XT Crystalline Tuff (PSP)

Dome Mtn Sec DM10-067

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DATE	20 DEC 11	DRAWN		DESIGNED	
DWG No		DATAMINE		CHECKED	
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