



Ministry of Energy & Mines
Energy & Minerals Division
Geological Survey Branch

ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TYPE OF REPORT (type of survey(s))	TOTAL COST \$
Technical; Drilling	666,968.00

AUTHOR(S) _____ SIGNATURE(S) _____ 'SIGNED AND SEALED'
Dr. Mathias Westphal, PGeo _____

NOTICE OF WORK NUMBER(S) / DATE(S) _____ Permit # MX 1-796 YEAR OF WORK _____ 2016

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBERS / DATE(S)
Event Number 5640236, March 3, 2017

PROPERTY NAME _____ Dome Mountain

CLAIM NAME(S) (on which work was done) _____ 238086 and 238538

COMMODITIES SOUGHT Gold, Silver

MINERAL INVENTORY MINFILE NUMBERS, IF KNOWN _____ 093L 276

MINING DIVISION _____ Omineca NTS _____ 093L10E TRIM (BCGS) _____ 093L077

LATITUDE _____ 54°44'00"N LONGITUDE _____ 126°37'06"W (at centre of work)

NORTHING _____ EASTING _____ UTM ZONE _____ 10 MAP DATUM _____ NAD 83

XXXXXXX XXXX OWNER 1 OWNER 2

Gavin Mines Inc. _____

MAILING ADDRESS _____

101-3712 1st Avenue, PO Box 2080 _____

Smithers, BC, V0J 2N0 _____

OPERATORS (who paid for work) _____

Gavin Mines Inc. _____

MAILING ADDRESS _____

See above _____

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

Boulder-Argillite quartz-carbonate vein system; Andesite to Rhyodacite crystal tuff and lapilli tuff sequences of the Hazelton Group

Telkwa Formation; the vein system is striking east, and the dip varies from 30 to 70° south with an average width of 1.5 meters

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS

35843, 33666, 32606, 30673, 30486, 29528, 28891

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (In Metric Units)	On Which Claims	Project Costs Apportioned
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo Interpretation			
GEOPHYSICAL (line kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Siesmic			
Other			
Airborne			
GEOCHEMICAL			
(number of samples analyzed for)			
Soil			
Silt			
Rock			
Other			
DRILLING			
(total metres, number of holes, size)			
Core			475,011.89
Non-core			
RELATED TECHNICAL			
Sampling / assaying			40,459.71
Petrographic			
Mineralogical			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATION / PHYSICAL			
Line/grid (kilometres)			
Topographic / Photogrammatic			
(scale, area)			
Legal Surveys (scale, area)			
Road, local access (kilometres)			
Trench (metres)			
Underground dev. (metres)			203,153.81
Other: consulting, construction,			
Travel & accommodation, report			
TOTAL COST 718,625.42			

DIAMOND DRILLING ASSESSMENT REPORT

on the

DOME MOUNTAIN PROJECT

OMINECA MINING DIVISION
BRITISH COLUMBIA,
CANADA

NTS 93L / 10E

LAT. 54,7432°N LONG. -126.6140°W

FOR

GAVIN MINES INC.

101-3712 1st Avenue.

SMITHERS, B.C.

CANADA V0J 2N0

BY

Dr. MATHIAS WESTPHAL, P.GEO.

WHITE NORTH WEST CONSULTING

MARCH 15, 2018

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2 Introduction

This report has been commissioned by the management of Gavin Mines Inc. (Gavin Mines). The report documents results from a diamond drilling campaign conducted by Gavin Mines on the Dome Mountain Project between January 2 and April 10, 2016.

The purpose of this program was twofold: drilling 35 holes (6949m HQ) in order to produce sufficient data for a new resource/reserve estimate for an updated technical report NI 43-101, which was subdivided into 14 holes "on lease" (3306m in total) and 21 hole "off lease" (3643m in total), and recognizable underground geological mapping, in order to enhance the knowledge on structure geology and the lithology on the underground workings supported by WR (whole rock) geochemistry, respectively.

The author, Dr. Mathias Westphal, P.Geo., supervised the drilling program from January 2nd to April 10th, 2016, including flagging drill pads and orienting the drills.

The "off-lease" portion of the work program consisting of 21 holes totaling 3643 metres of HQ diamond drilling on tenures 238086 and 238538. Gavin Mines Inc. is the current registered owner of the tenures. Gavin Mines is a wholly owned associate company of Metal Mountain Resources Inc. The total cost of this program was \$1,370,773.81, which results in \$197.26 per drilled meter core in average, and this would be \$718,625.53 for the "off lease" portion.

However, the total cost of the "off-lease" program filed was \$ 666,968.

3 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 the junction on Highway at 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 from km 86.5 to km 68.5, then on the Dome Mountain Mine access road, which winds generally uphill in a southwesterly direction for 4 km to the 1290 Portal.

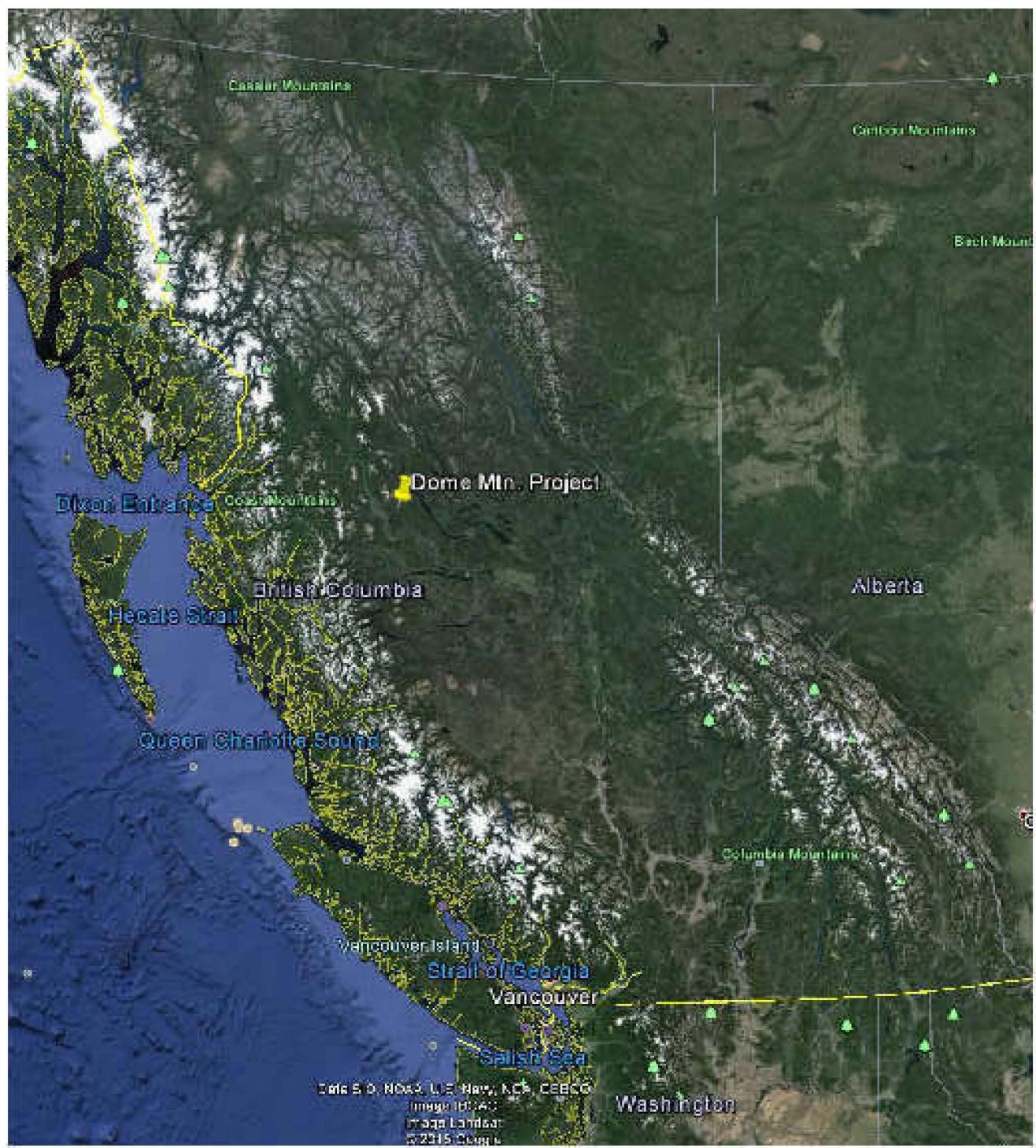


Figure 1 Location Map

4 Mineral Tenure

This report covers assessment work recorded on March 3, 2017, 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 prior to this report are listed in Table 1.

Table 1. "Dome Mountain" Property Claims.

Table 1 - Claim Status			
Tenure No.	Claim Name	Good Until	Area (ha)
238086	REFER TO LOT TABLE	20211230	25
238538	COPE 1	20211230	25
329906	DREA	20211230	25
374166	DOM E 400	20211230	500
374168	DOM E 100	20211230	500
381072	HOO	20211230	25
382560	FREE GOLD - 1	20211230	25
382561	FREE GOLD - 2	20211230	25
382562	FREE GOLD - 3	20211230	25
382563	FREE GOLD - 4	20211230	25
503165		20211230	802.648
503167		20211230	485.32
507597		20211230	93.367
507598		20211230	74.697
522324		20211230	74.649
524847		20211230	429.516
525968	HOO FRACTION	20211230	18.671
548965		20211230	373.138
557203		20211230	111.8122
557458		20211230	74.5415
557548		20211230	74.5568
557615		20211230	74.5567
572765		20211230	372.9769
572766		20211230	186.4304
582849		20211230	111.789
582851		20211230	447.5711
582853		20211230	223.7009
591933	LITTLE MCKINNY	20211230	37.32
592283	HILO	20211230	447.5908
592285	HILO	20211230	466.2488
592286	HILO	20211230	466.2409
592288	HILO	20211230	466.4077
592289	HILO	20211230	466.2104
592290	HILO	20211230	466.0881
592291	HILO	20211230	465.9911
592292	HILO	20211230	447.2141
592293	HILO	20211230	447.2134
592294	HILO	20211230	447.2097
592295	HILO	20211230	465.8872
592296	HILO	20211230	223.5936
597303		20211230	372.9848
		Total	10916.1421

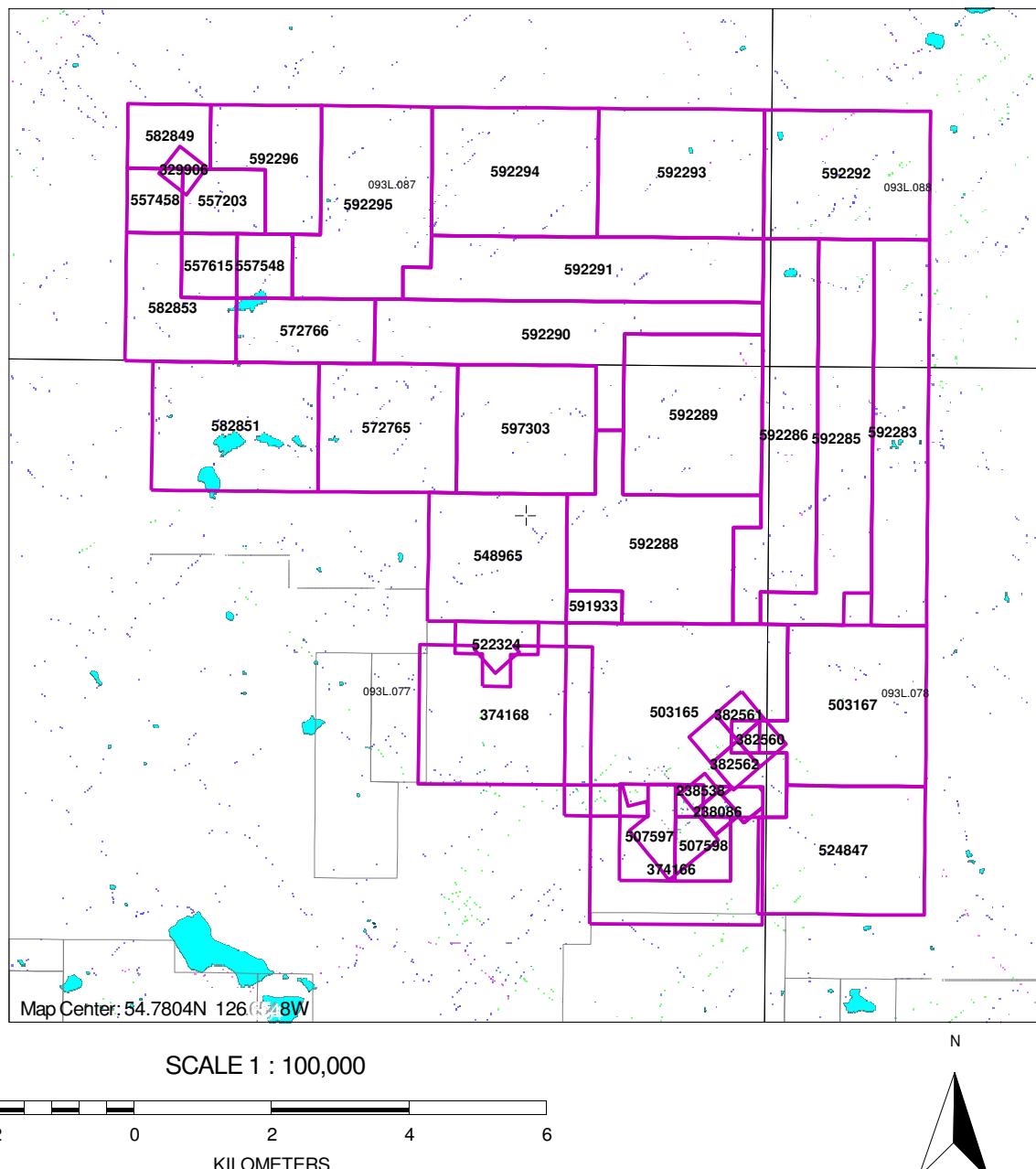


Figure 2 – Dome Mountain Claim Map

5 Accessibility, Climate, Physiography, Local Resources and Infrastructure

5.1 Accessibility

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.

5.2 Physiography, Vegetation and Climate

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 hosting the water treatment plant (WTP).

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. Mountain slopes range from gentle to steep with rare cliffs. Overburden cover ranges up to 20 metres and 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%.

Several small creeks, such as Federal Creek and Boulder Creek that flow year round, drain the area.

5.3 Local Resources and Infrastructure

The town of Smithers, with a regional population of 15 000 and situated an 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, respectively. Daily air service is available from Smithers to other cities in British Columbia. Labour, shops, supplies, and government offices are also available in Smithers.

6 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.

Note: For a more in depth history of the 'Dome Mountain' property see AR 32606 by Daryl Hanson, 2011.

Table 2. History

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)
2016	Gavin Mines Inc. (associate of Metal Mountain Resources Inc.) drilled 35 HQ diamond drill holes (6853 metres in exploration and in-fill holes)

7 Geological Setting

7.1 Regional Geology

Babine Range is underlain by Early to Middle Jurassic calc-alkalic. The regional geology has been described by Tipper and Richards (1976) and refined by MacIntyre et al. (1987):

Lithology

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).

Rocks of the Early Cretaceous Bulkley Plutonic Suite and the Eocene Nanika Plutonic Suite intrude the Hazelton Group rocks locally.

Structure

The tectonic history of the Babine Range is represented by three significant regimes. The first and earliest regime is represented by a calc-alkaline island arc system (Hazelton Gp.), which is later succeeded by a molasse basin (Bowser Gp.) derived from uplifted areas to the east and south. The second regime is represented by plate tectonism in the mid-Cretaceous, which uplifted the Coast Range and caused sediments (Skeena Gp.) to be shed eastward. Following deposition of the Skeena Group sediments, a volcanic–arc system developed (Kasalka Gp.).

Fault systems controlled emplacement of the intrusive rocks in the Cretaceous to Eocene time.

The final tectonic element consisted of a tensional regime that produced the basin and range geomorphology setting thought to be similar to the Basin and Range regime found in the southwest United States. The Babine Range is marked by a series of northwest-trending horsts and grabens. The fault blocks are tilted southwest toward the Bulkley Valley, and are stepped downward to the west, preserving progressively younger stratigraphic levels. This stepped preservation is believed to be responsible for segmentation of the Big Onion deposit, with different erosional levels represented in each block. Structures within the fault blocks are asymmetric to overturned, southeast-plunging open folds that are truncated by northeast-trending high angle faults.

There are a total of four phases of deformation that have been mapped by regional surveys.

The earliest phase is probably related to regional compression during the Late Cretaceous time, accompanied by folding and uplift. During Late Cretaceous to Early Tertiary time it is believed that regional extension developed, coincident with extensive volcanism and stratovolcano development. Compression during tertiary time caused reverse movement along pre-existing high-angle normal faults. The youngest event, also of Tertiary age, is the development of major east to northeast-trending faults that truncate and offset the dominant northwest-trending structural fabric of the range.

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.

7.2 Property Geology

Lithology

The Telkwa Formation is overlain conformably to disconformably by the Nilkitkwa Formation which is a sequence of marine sediments that overlie rhyolite, basalt and red epiclastic rocks. The formation has been subdivided into four mapable units: interbedded red epiclastics and amygdaloidal flows (IJN1 or Eagle Peak Formation); rhyolitic volcanic rocks (IJN2); tuffaceous conglomerate, cherty tuff and siltstone (IJN3); and thin bedded argillite, chert and limestone (IJN4).

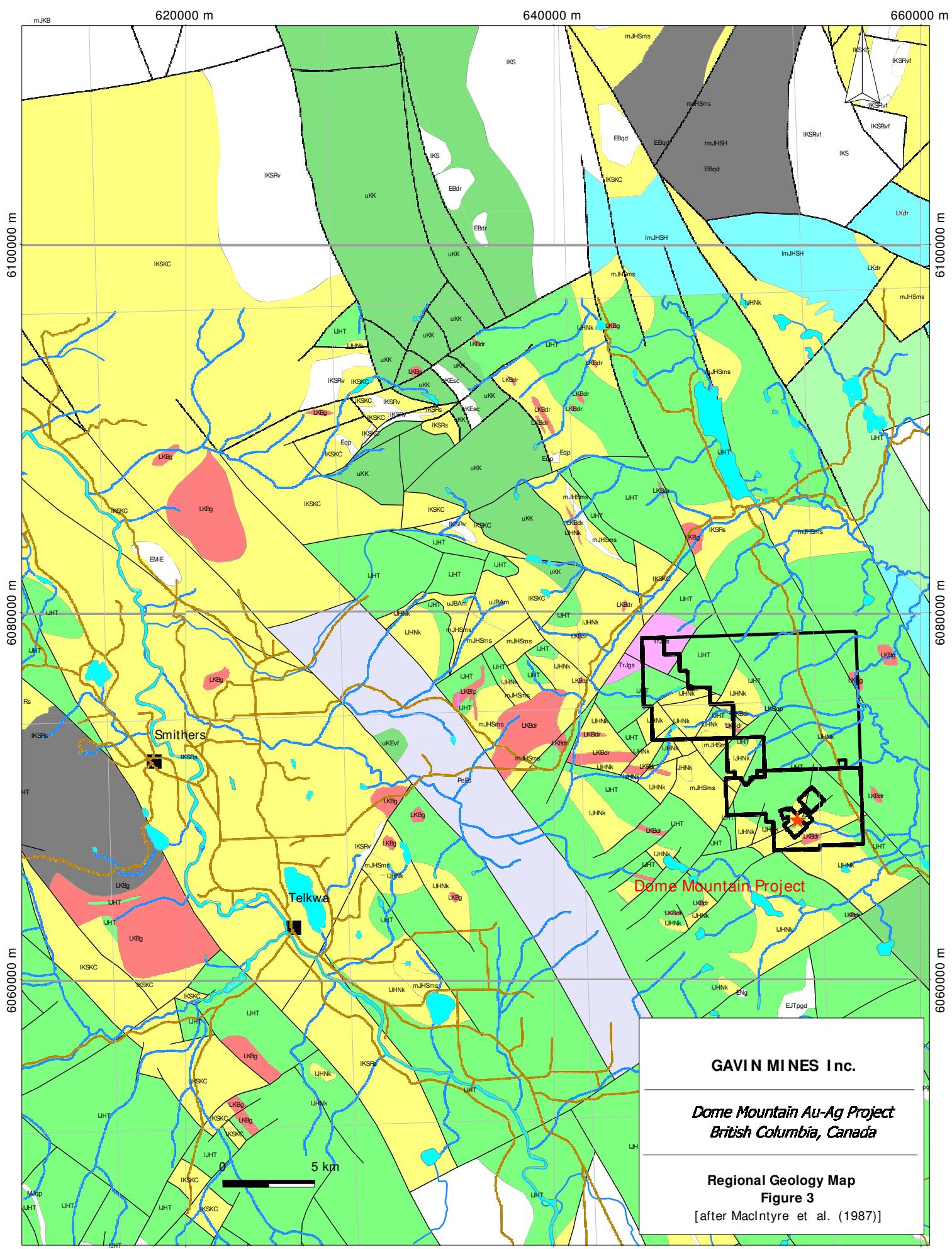
The overlying Smithers Formation (IJS) consists of fossiliferous feldspathic sandstone and siltstone. These rocks are mapped as a marine transgressive sequence disconformably overlying the older volcanic rocks. (Figure 4).

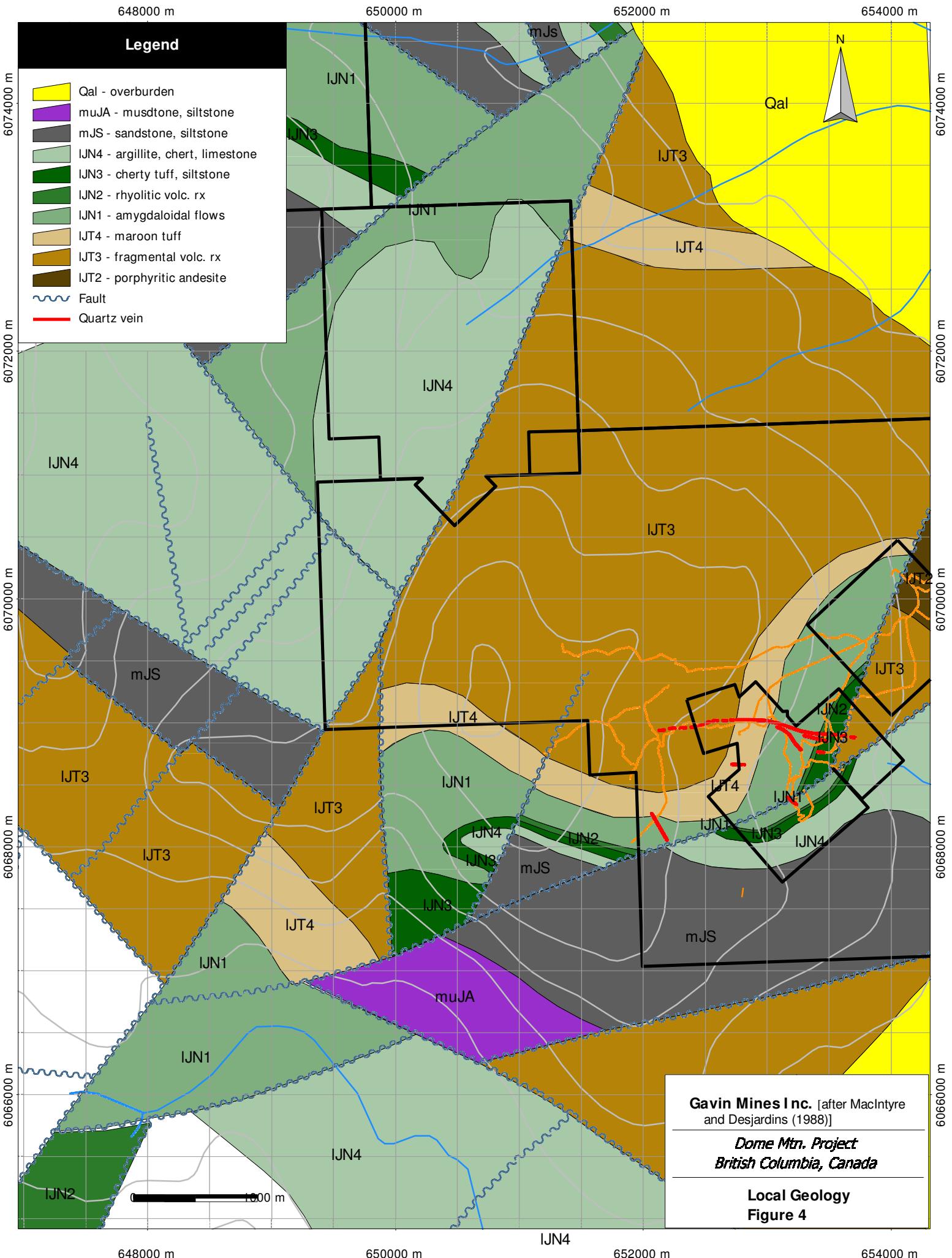
Structure

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 eastwest, respectively, and are disrupted by north northwest-trending faults.

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





7.3 Underground Geology

The Dome Mountain Project consists of the principal zone of high-grade gold-silver mineralization known as the Boulder-Argillite Vein System. A subdivision into Boulder and Argillite veins was established by earlier mine workers for the purposes of "reserve" estimation and is a function of vein orientation and host rock lithology. The vein-system occurs within volcanic rocks of the Telkwa Formation. The Boulder Vein section has hanging wall and footwall veins and the Argillite Vein section has a hanging wall vein. These additional veins are generally splays and shoots off the main vein structures (Hanson, 2011).

In addition to the Boulder-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-Argillite Vein system. A modest amount of drilling has been carried out on these veins, but to date, no mineral resources have been defined (Hanson, 2011).

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

7.3.1 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 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 (Hanson, 2011).

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. 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 intersections (Hanson, 2011).

7.3.2 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. Weakly altered rocks are also marked by chlorite alteration of mafic minerals. The alteration zones rarely contain significant gold/silver mineralization (Hanson, 2011).

7.3.3 Mineralization

The veins are characterized by quartz with lesser carbonate and sulphide mineralization. Massive quartz-carbonate veins lacking sulphides, and 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 (dolomite, ankerite, and calcite) occur as cream to beige crystals. Small-scale folds in the veins attest to continued movement after their formation (Hanson, 2011).

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 are 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 (Hanson, 2011).

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 micro-fractures within the pyrite crystals. Metallurgical test-work indicates an average grain size of 25 microns. Gold may be present as electrum, since gold analyses indicate contents of 18% to 23% silver (Hanson, 2011).

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 tetrahedrite, as indicated by an analysis of tetrahedrite that contained 2% to 4% silver (Hanson, 2011).

7.3.4 Recognizant Geology

Underground mapping including structural measurements, rock identification, and whole rock (WR) geochemistry lead to a geology map of the 1290 m level, which differs from the surface mapping by McIntyre et al. (1987). No amygdaloidal basalt could be identified underground. The unit, which has been mapped and logged on previous programs as amygdaloidal basalt (AB), appears to be basaltic andesite, a low silica pyroclastics andesitic crystal tuff, with a green matrix and 3 to 10 mm idiomorphic hornblende crystals. The abbreviation in logs and cross-sections will continue as AB, now standing for 'Andesite, basaltic'. However, this needs to be addressed in future work in order to harmonize the data.

Three other units could be identified, a fine grained, green crystal tuff with <1mm feldspar (fsp) crystals, a green-maroon crystal tuff with <3mm fsp crystals, and a maroon crystal tuff with <3mm fsp crystals. The green-maroon tuff could be separated in two different sub-units by geochemistry, a high and a normal potassium-bearing unit, respectively. Hence, all volcanic units at the 1290 m level appear to be andesitic in composition.

7.3.4.1 Host Rock Geochemistry

Nine samples have been analyzed with XRF for WR (whole rock) major element geochemistry (see Figure XX for sample location). The raw data suggest naming seven of these samples ‘basalt’, since the SiO₂ values are below 52%, which demarks the boundary between basalt and basaltic andesite (see Table 3). However, the LOI 1000°C (loss on ignition at 1000°C) numbers range between 3.44% and 14.06%, which is well above the average LOI of 2% for pyroclastics rocks that counts for the ‘water’ content of sheet silicates like biotite and/or chlorite. These high LOI number are related to secondary carbonates. In order to get reliable WR data for the characterization of the volcanic rocks, the carbonate related elements have to be subtracted. Since the correct amount of the calcite-dolomite-ankerite components has not been determined the Ca-Mg-Fe data have been lumped together and a conservative LOI of 5% has been applied to a recalculation and normalization of the WR data (see Table 4). As a result, all volcanic rocks are crystal tuffs, and show andesitic composition with different signatures resulting in five distinct rock types though (G – green, M – maroon) (see Figure 5):

- basaltic Andesite (AB)
- low silica Andesite (GM XT)
- high potassium Andesite (GM HK XT)
- low potassium Andesite (G XT)
- Andesite (M XT)

The basaltic Andesite (AB) is green and shows hornblende crystals up to 1cm, the low potassic Andesite (G XT) is fine grained with fsp crystals up to 1mm, and the Andesite (M XT) is maroon in color and has fsp crystals up to 3mm with some barite schlieren or stringers. Apparently, the low silica Andesite (GM XT) and the high-potassium Andesite (GM HK XT) both look very similar, a mottled green-maroon appearance, with 3 to 4 cm patches of each color and similar looking fsp crystals. It is arguable, that the high potassium values might be related to potassic alteration along the SE fault that is hosted by this unit. This, and the above mentioned lack of information on the amount and compositions of the secondary carbonates, needs to be clarified by more detailed determinations on the modal mineralogy and the alteration minerals, in order to get a more precise characterization of the rock units.

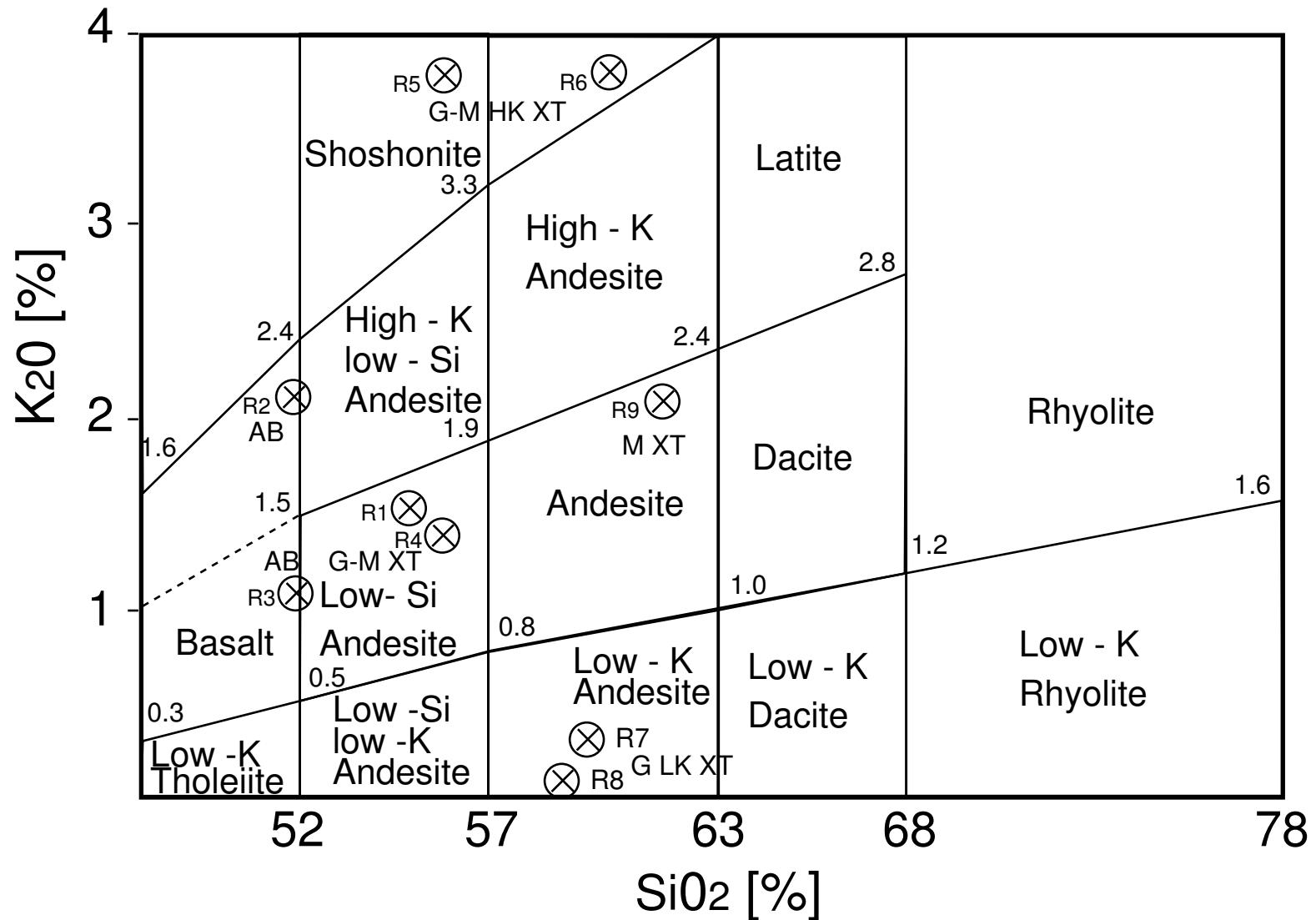
Table 3 Raw data on underground volcanic samples

SAMPLE	DM-16-R9	DM-16-R1	DM-16-R2	DM-16-R3	DM-16-R4	DM-16-R5	DM-16-R6	DM-16-R7	DM-16-R8
location UG	525 m	500 m	310 m	235 m	140 m	25 m	15 m	10 m	2 m
SiO ₂	48.5	52.79	42.92	40.7	50.71	45.59	51.42	49.7	58.07
TiO ₂	0.27	0.7	0.73	0.64	0.6	0.6	0.59	0.43	0.46
Al ₂ O ₃	9.36	19.04	17.66	11.65	16	15.11	13.96	11.72	18.09
Cr ₂ O ₃	<0.01	<0.01	<0.01	0.08	<0.01	0.01	<0.01	0.01	<0.01
Fe ₂ O ₃	3.65	7	10.08	9.24	8.41	7.39	7.05	5.4	5.89
MgO	0.2	3.68	5.68	8.47	5.66	4.44	3.49	1.84	2.39
MnO	0.14	0.2	0.28	0.16	0.2	0.22	0.14	0.13	0.13
CaO	16.85	2.48	6.03	12.05	5.9	9.11	7.23	11.35	2.94
SrO	0.03	0.03	0.02	0.02	0.07	0.15	0.08	0.04	0.01
BaO	1.48	0.12	0.07	0.03	0.04	0.25	0.21	0.02	0.01
Na ₂ O	2.34	6.67	2.43	1.65	1.88	1.1	1.28	5.81	8.75
K ₂ O	1.59	1.48	1.82	0.87	1.38	3.19	3.25	0.3	0.03
P ₂ O ₅	0.07	0.15	0.2	0.13	0.11	0.13	0.11	0.12	0.13
SO ₃	0.8	0.03	<0.01	0.01	<0.01	0.09	0.02	1.5	0.01
LOI 1000°C	14.06	5.32	11.87	13.48	8.27	12.06	11.38	11.66	3.44
Total	99.37	99.81	99.91	99.28	99.3	99.52	100.3	100.1	100.4

(see Figure 5 for sample location)

Table 4 Calculated data for LOI 5% or less

SAMPLE	DM-16-R9	DM-16-R1	DM-16-R2	DM-16-R3	DM-16-R4	DM-16-R5	DM-16-R6	DM-16-R7	DM-16-R8
Location UG	525 m	500 m	310 m	235 m	140 m	25 m	15 m	10 m	2 m
unit	M XT	G-M XT2	G-M XT2	And	And	G-M XT1	G-M XT1	fg XT	fg XT
SiO ₂	61.56	53.28	50.92	50.87	55.20	54.62	59.93	58.50	57.84
TiO ₂	0.34	0.71	0.87	0.80	0.65	0.72	0.69	0.51	0.46
Al ₂ O ₃	11.88	19.22	20.95	14.56	17.42	18.10	16.27	13.79	18.02
Cr ₂ O ₃	0.00	0.00	0.00	0.10	0.00	0.01	0.00	0.01	0.00
[Fe+Mg+Ca]	10.21	12.85	16.00	23.39	17.05	14.30	11.38	11.39	11.19
MnO	0.18	0.20	0.33	0.20	0.22	0.26	0.16	0.15	0.13
BaO	1.88	0.12	0.08	0.04	0.04	0.30	0.24	0.02	0.01
Na ₂ O	2.97	6.73	2.88	2.06	2.05	1.32	1.49	6.84	8.72
K ₂ O	2.02	1.49	2.16	1.09	1.50	3.82	3.79	0.35	0.03
P ₂ O ₅	0.09	0.15	0.24	0.16	0.12	0.16	0.13	0.14	0.13
SO ₃	1.02	0.03	0.00	0.01	0.00	0.11	0.02	1.77	0.01
H ₂ O	5	5	5	5	5	5	5	5	3.34
total	100	100	100	100	100	100	100	100	100



After Peccerillo & Taylor, 1976, Contrib. Miner. Petrol., v. 58, pp. 63-91.

Figure 5. Dome Mountain underground sample classification

7.3.4.2 Structure

Based on structural measurements, WR geochemistry, and drilling information, a Caldera structure has been recognized (Figure 6), which is located along and south of the major east-west structure, including the Boulder vein system, and the junction of prominent north-northwest faults. The core of the caldera is formed by a basaltic Andesite, rimmed by a low silica Andesite. In the northern section the caldera of the basaltic Andesite coincides the east-west oriented Boulder vein system. The eastern section is marked by a NW fault, with regional east-west extension. This movement and repetitive resurgent caldera activities reactivated the Boulder vein system, which caused several metal bearing fluid injections into the system. Also related to north northwest and southeast faults is an extension in the eastern part of the caldera, which caused a graben related sink in of a section of the basaltic Andesite, recognized in drill hole DM16-101 with a set off of approximately 80m to the south. However, an extension to the North has been recognized within the same section (sample DM16-R02), where a historically recorded high-grade section has been mined (Wayne Kindrad, pers. communication). A north-northwest fault at a dip of 54° caused a roll off of the west end of the Boulder vein. In addition, two faults, NNW and ENE, respectively, all three most likely timed similarly, caused a kink and a short barren section in the boulder vein approximately 50m east of the latter. An overall NW-SE and NE-SW secondary faulting has been recognized, which is considered being due to general E-W compression and extension.

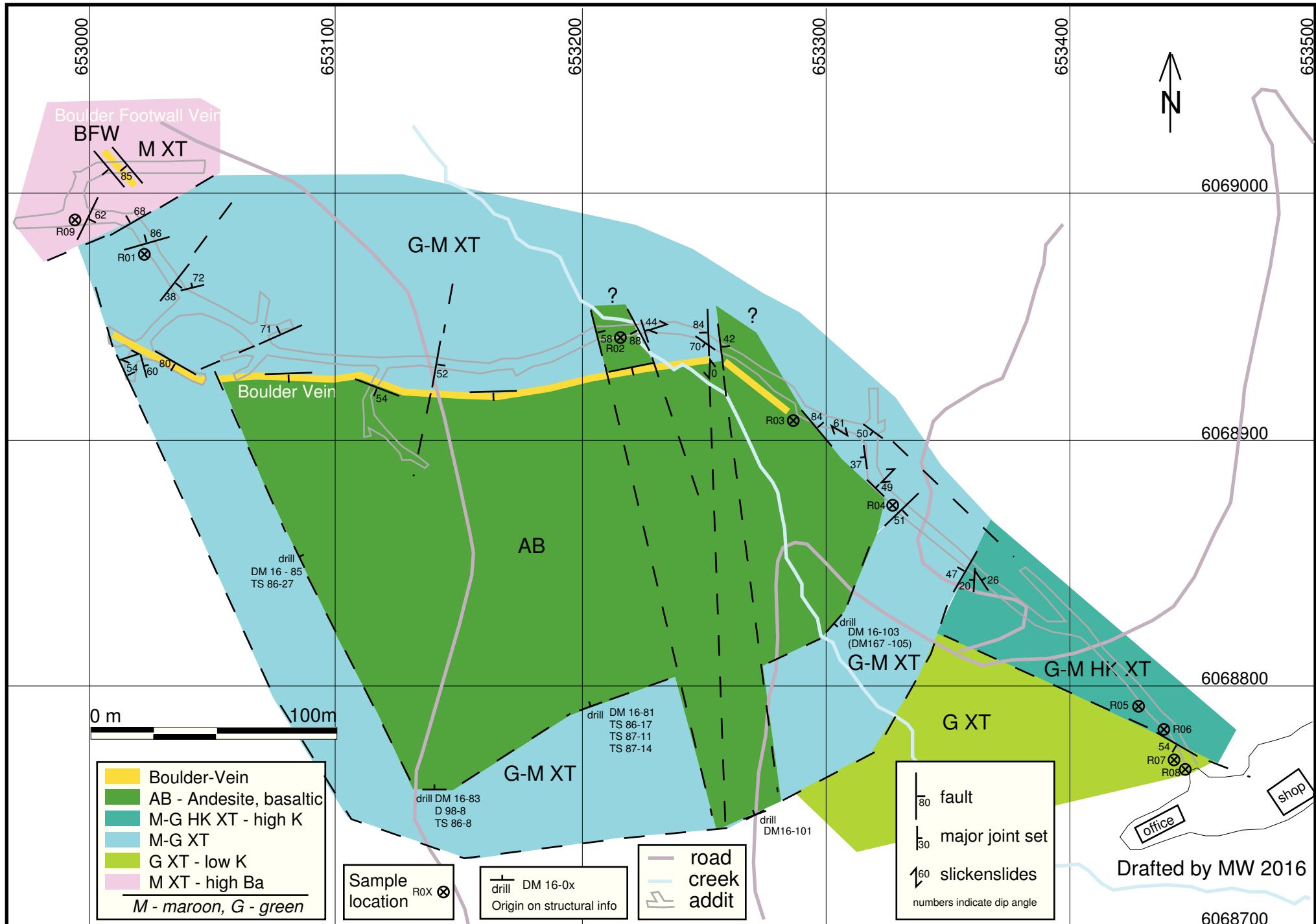


Figure 6. Geological Map Dome Mtn. at the 1290 m level

8 Drilling 2016

Steve Cuttler and Jennifer Evans from Roughrock Mining Services LLC. have designed the drilling program 2016 in order to gather sufficient data for an internal Technical Report compliant to NI-43-101 on resource/reserve calculations.

Drill pads on 17 sections with one to three holes per pad have been built and performed. Some originally planned pads have been dismissed due to drilling results on previous drill holes (Pads # 4, 15, 18, 22, 14, 25), and new pad locations have been established (pads # 26, 27, 28) during the program (Figure 7). For drill hole numbers correlating with pad numbers see Table 5. Also, the orientation of the holes was due north at inclination angles between 45° and 75° (Table 5). The cut and un-cut core has been stored at a fenced in area at the 'Old Babine Lake Road', approximately 15 km east of Smithers, BC, with the UTM coordinates:

E 632 080; N 6074845

For results of the significant gold value sections of the veins, logs, and cross sections see the Appendix.

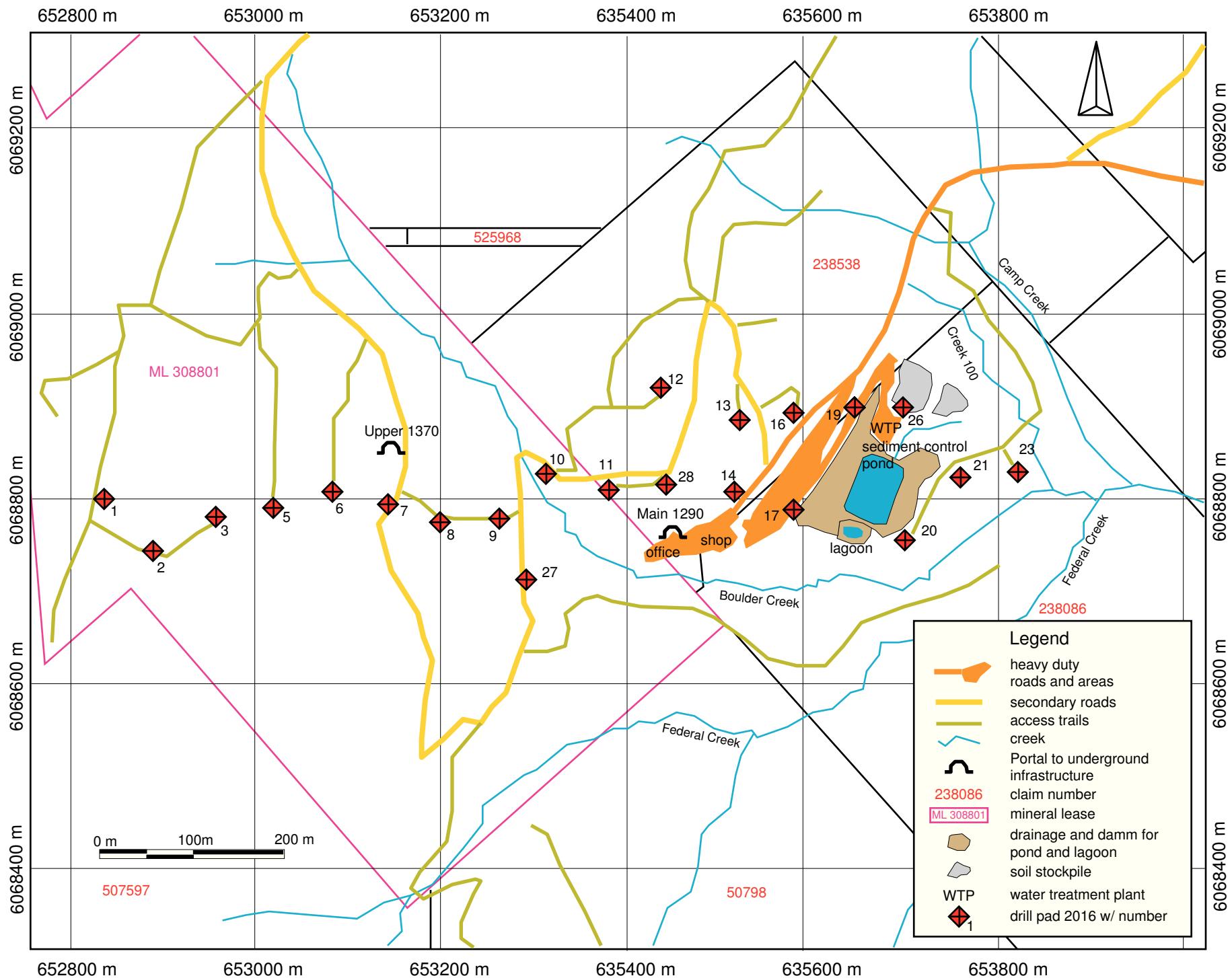
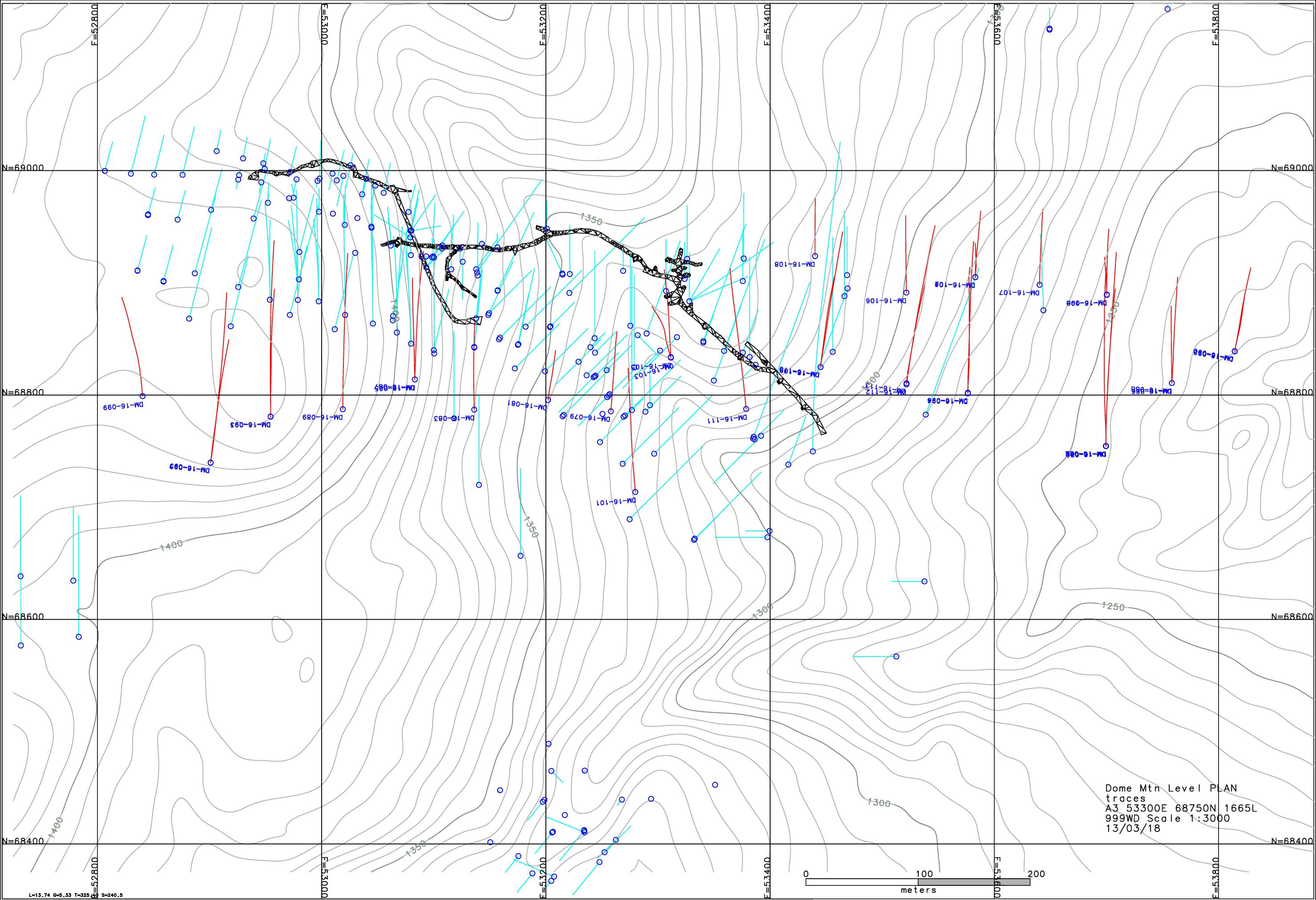


Figure 7 - Drill pad locations 2016 (Note: pads # 4, 15, 18, 22, 24, and 25 have been dismissed)



	Pad	Easting	Northing	Elev.	Azimuth	Inclination	Planned Length	Actual Length	Hole #	Projected Overburden	Pad Marked	Pad Built	F/S/B/S Marked	Hole Complete	Plugged	Cemented	Casing Removed
DRILL A (RIG 2)	16-1	652840	6068800	1423	0	-67	200	248.1	DM-16-099	?	Y	Y	Y	Y	Y	Y	
	16-2	652900	6068741	1421	0	-49	230	238.7	DM-16-097	5	Y	Y	Y	Y	Y	Y	
	16-2	652900	6068741	1421	0	-64	240	254	DM-16-095	5	Y	Y	Y	Y	Y	Y	
	16-3	652960	6068783	1429	0	-46	220	220.8	DM-16-093	5	Y	Y	Y	Y	Y	Y	
	16-3	652960	6068783	1429	0	-61	250	245	DM-16-091	5	Y	Y	Y	Y	Y	Y	
	16-5	653020	6068795	1413	0	-52	225	223	DM-16-089	2	Y	Y	Y	Y	Y	Y	
	16-5	653020	6068795	1413	0	-63	260	266.4	DM-16-087	2	Y	Y	Y	Y	Y	Y	
	16-6	653080	6068812	1393	0	-68	235	237	DM-16-085	2	Y	Y	Y	Y	Y	Y	
	16-7	653140	6068790	1363	0	-70	230	230	DM-16-083	5	Y	Y	Y	Y	Y	Y	
	16-8	653200	6068792	1346	0	-78	220	221	DM-16-081	20	Y	Y	Y	Y	Y	Y	
	16-9	653255	6068785	1332	004	-69	225	227	DM-16-079	25	Y	Y	Y	Y	N	N	
	16-10	653314	6068833	1326	0	-61	150	181	DM-16-105	25	Y	Y	Y	Y	Y	Y	
	16-10	653314	6068833	1326	0	-75	210	230	DM-16-103	25	Y	Y	Y	Y	Y	Y	
	16-27	653270	6068715	1325	355	-65	285	284	DM-16-101		Y	Y	Y	Y	Y	Y	
Drill A Total							3180	3306	104%								
DRILL B (RIG 3)	16-11	653380	6068791	1318	0	-57	220	240	DM-16-111	5	Y	Y	Y	Y	Y	Y	
	16-12	653440	6068921	1325	0	-45	75	75	DM-16-108	6	Y	Y	Y	Y	Y	Y	
	16-13	653520	6068890	1299	0	-50	105	105	DM-16-106	3	Y	Y	Y	Y	Y	Y	
	16-14	653520	6068810	1289	0	-44	185	199	DM-16-113	8	Y	Y	Y				
	16-14	653520	6068810	1289	0	-64	220	225	DM-16-112	8	Y	Y	Y	Y		Y	
	16-16	653580	6068908	1283	0	-45	70	81	DM-16-104	11	Y	Y	Y	Y	Y	Y	
	16-16	653580	6068908	1283	0	-75	115	123	DM-16-102	11	Y	Y	Y	Y	Y	Y	
	16-17	653580	6068798	1271	0	-48	200	201	DM-16-096	25	Y	Y	Y	Y	Y	Y	
	16-17	653580	6068798	1271	0	-63	250	264	DM-16-094	25	Y	Y	Y	Y	Y	Y	
	16-19	653640	6068884	1267	0	-49	95	96	DM-16-107	11	Y	Y	Y	Y	Y	Y	
	16-20	653700	6068759	1246	0	-47	220	249	DM-16-084	35	Y	Y	Y	Y	Y	Y	
	16-20	653700	6068759	1246	0	-57	265	264	DM-16-082	35	Y	Y	Y	Y	Y	N	
	16-20	653700	6068759	1246	0	-65	310	348	DM-16-080	39	Y	Y	Y	Y	N	Y	
	16-21	653760	6068814	1240	0	-45	135	138	DM-16-088	22	Y	Y	Y	Y	Y	Y	
	16-21	653760	6068814	1240	0	-67	185	189	DM-16-086	22	Y	Y	Y	Y	Y	Y	
	16-23	653813	6068838	1232	008	-46	95	111	DM-16-092	25	Y	Y	Y	Y	Y	Y	
	16-23	653813	6068838	1232	011	-69	125	141	DM-16-090	25	Y	Y	Y	Y	N	N	
	16-26	653700	6068885	1252	0	-58	80	81	DM-16-100	15	Y	Y	Y	Y	Y	Y	
	16-26	653700	6068885	1252	0	-75	130	135	DM-16-098	20	Y	Y	Y	Y	Y	Y	
	16-28	653440	6068828	1316	0	-45	160	177	DM-16-110	5	Y	Y	Y	Y	Y	Y	
	16-28	653440	6068828	1316	0	-66	200	201	DM-16-109	5	Y	Y	Y	Y	Y	Y	
Drill B Total							3440	3643	106%								
Program Total							6620	6949	105%								

Table 5. Correlation of pads, drill holes, and parameters. 2016

9 Conclusions

The drilling results lead to an increase of the resource/reserve estimate for more than 100%; see the technical report from 2016 on SEDAR for details.

The drilling also showed that the Boulder-Argillite Vein System is open to the west, since the most westerly drilled hole DM16-99 showed encouraging values.

The investigations on the underground Geology showed some interesting results, since the previously mapped and logged unit called ‘amygdaloidal basalt’ turned out to be a hornblende bearing basaltic Andesite. In addition, this unit forms a caldera, which is rimmed by slightly higher silica content and felspar bearing Andesite possibly formed a larger caldera before. The Boulder-Argillite System follows an E-W trending fault, which is, in the northern part, the inner caldera of the basaltic Andesite. Apparently, the caldera formation follows the regional tectonic system, which also comprises on a NNW faulting trend. Where the NNW and EW tectonic systems meet, the caldera formed due to access of a pass way for the buoyancy magma of the island arc/collision tectonics resulting in explosive volcanic activities producing andesitic pyroclastics. Large volumes of extrusives relate to caldera forming processes. In conjunction with deep-rooted tectonic faults a pathway for sulphurous poly-metallic quartz-carbonate fluids has been established.

10 Recommendations

The following recommendations are made as follow-up to the 2016 exploration diamond drilling:

- Investigate the extension on the Boulder-Argillite Vein System west of drill hole DM16-99 with more surface drillings towards the ‘Cabin Vein’.
- Examine the potential of a deep seated high-grade feeder by deep holes at the junction of the E-W Boulder Vein structure and the NNW graben structure.
- Determine modal mineralogy on the WR underground samples taken in order to enhance the quality of the characterization of the volcanic rock units.
- Take more samples for WR and modal mineralogy on level 1290m to verify findings.
- Initiate a surface-mapping program to relate petrology and structure geology to underground geological findings.

11 Statement of Costs

The total cost of the 2016 drilling program was \$1,300,773.81 for a total of 6,949m HQ core, which results in \$197.24 per drilled meter core in average, and this would be \$718,625.53 for the 3643m "off lease" portion.

However, the total cost of the "off-lease" program filed was **\$ 666,968**. See Table 6 for the breakdown of costs.

11:14 AM
02/19/18
Accrual Basis

Gavin Mines Inc.
Transactions by Account
As of February 19, 2018

MP - Mineral Properties Expense	Date	Num	Name	Memo	Clr	Amount
EXPLORATION						
ASSAYS AND GEOCHEMICAL						
E11-Assays (Core/Drill Samples)						
	01/15/2016	63	Treeline Wood Products Inc.	4ft HQ Boxes		7,623.75
	01/27/2016	32887	Pothier Enterprises Ltd.	14" X .85 Core Cutting Blade, 1" Bore Segmented, LZ, Premium		500.00
	02/12/2016	64	Treeline Wood Products Inc.	HQ Box, lids, Marking Block Bag		16,397.75
	02/23/2016	VANI247671	Bureau Veritas Commodities Canada	Crush & Pulverize, Fire Assay		8,818.61
	02/23/2016	VANI247672	Bureau Veritas Commodities Canada	Fire Assay, Aqua Regia Digestion, Crush & Pulverize		2,305.95
	02/23/2016	VANI247673	Bureau Veritas Commodities Canada	Crush & Pulverize, Fire Assay, Aqua Regia Digestion		4,920.34
	02/24/2016	VANI247784	Bureau Veritas Commodities Canada	Crush & Pulverize, Fire Assay, Aqua Regia Digestion		5,944.71
	03/01/2016	VANI247959	Bureau Veritas Commodities Canada	Crush & Pulverize, Fire Assay..etc.		5,341.91
	03/02/2016	VANI248306	Bureau Veritas Commodities Canada	Crush & Pulverize, Fire Assay..etc.		5,517.71
	03/02/2016	VANI248288	Bureau Veritas Commodities Canada	Crush & Pulverize, Fire Assay..etc.		4,683.48
	03/07/2016	VANI248504	Bureau Veritas Commodities Canada	crush & pulverize, Au &/or Ag by 60g Fire Assay Grav		3,255.57
	03/09/2016	VANI248754	Bureau Veritas Commodities Canada	Crush & Pulverize, Overweight prep charges, Aqua Regia Digestion, Fire Assay		5,988.73
	03/16/2016	VANI249188	Bureau Veritas Commodities Canada	Fire Assay; Aqua Regia Digestion; Crush & Pulverize		3,162.54
	03/22/2016	VANI249504	Bureau Veritas Commodities Canada	Fire Assay, Aqua Regia Digestion		2,441.70
	06/24/2016	VANI254765	Bureau Veritas Commodities Canada	Freight-Can Freight 290-5055645		273.92
Total E11-Assays (Core/Drill Samples)						77,176.67
Total ASSAYS AND GEOCHEMICAL						77,176.67
E1 - Geological						
	01/01/2016	RB2015-07	Rob Boyce, PGeo	Geological services 0.75 days @ \$700/day		525.00
	01/14/2016	RB2016-01	Rob Boyce, PGeo	Geological services total 9.25 days @ \$700/day		6,475.00
	01/15/2016	MW-001-2016	Mathias Westphal	Geological services Jan.4,5,6,7,10,11,13, 2016 Dome project 2016_Drilling		4,068.75
	01/28/2016	MW-002-2016	Mathias Westphal	Dome M. Drilling project_Geological services Jan.14 - 27, 2016 total 11 days 88 hours @ \$700/day...		7,700.00
	01/31/2016	RB2016-02	Rob Boyce, PGeo	Geological services \$700/day total 17 days_Dome M. project		11,900.00
	01/31/2016	341	Thon Consulting	Database investigation; Cross-sections for proposed drilling_GMI Dome M.		750.00
	01/31/2016	GMI-A078	In-depth Geological Services	minesite exploration_6 days @ \$650/day		3,900.00
	02/12/2016	02122016 HWAR	Mathias Westphal	DELL w/ windows 7 pro and 120 GB SSD for drilling program		250.00
	02/14/2016	MW-003-2016	Mathias Westphal	Geological services Jan.28 - Feb.14, 2016 total 18 days 144 hours @ \$700/ day (\$87.5/hour)		12,600.00
	02/15/2016	RB2016-03	Rob Boyce, PGeo	Geological services 13.8 days @ \$700/day_Geological service charges		9,660.00
	02/19/2016	HO-16-097	THYSSEN MINING	Engineering services Sept.2015 to Jan.2016		32,749.55
	02/27/2016	RB2016-04	Rob Boyce, PGeo	Geological services total 11.4 days @ \$700/day		7,980.00
	02/29/2016	MW-005-2016	Mathias Westphal	Geological services total 112 hours @ \$87.5/hr Drilling & Geological service on Dome M. property		9,800.00
	02/29/2016	Dec.01-31, 2015	In-depth Geological Services	minesite exploration 3 days @ \$650/day		1,950.00
	02/29/2016	Nov.01-30, 2015	In-depth Geological Services	mine exploration 4 days @ \$650/day		2,600.00
	02/29/2016	344	Thon Consulting	Dome M. Database Maintenance, development of assay import functions for Bureau Veritas Lab		1,800.00
	02/29/2016	GMI-A079	In-depth Geological Services	Minesite exploration_3 days @ \$650/day		1,950.00

11:14 AM
02/19/18
Accrual Basis

Gavin Mines Inc.
Transactions by Account

As of February 19, 2018

Date	Num	Name	Memo	Clr	Amount
03/08/2016	2016-006	1062820 B.C. Ltd.	Feb.01,04, 2016 help with Mathias laptop setup		225.00
03/22/2016	HO-16-174	THYSSEN MINING	Engineering service_Dome Mountain Mine Project		2,708.02
03/29/2016	MW-006-2016	Mathias Westphal	Geological services total 32.5 hours @ \$87.5/hr Drilling & Geological service on Dome M. property		2,843.75
03/31/2016	345	Thon Consulting	Dome project: Database Maintenance/QAQC, geotech reports, cross-sections		700.00
05/09/2016	March-April_2016	Roughstock Mining Services, LLC	Wages & Travel: Steve Cutler, Jennifer Evans; Equipment, software: Vulcan Software_USD \$11,862.50		15,757.43
05/31/2016	May_2016	Roughstock Mining Services, LLC	Wages & Travel: Steve Cutler, Jennifer Evans; Equipment, software: Vulcan Software_USD \$23,050.00		30,498.04
07/31/2016	354	Thon Consulting	Prepare QAQC report for 43-101_Dome M.		400.00
09/01/2016	Aug._2016	Roughstock Mining Services, LLC	Wages & Travel: Steve Cutler, Jennifer Evans; Equipment, software: Vulcan Software_USD \$21,662.50		21,662.50
10/07/2016	MM1601	Blue Bear Exploration Ltd.	Sept.27, 2016 labor, equipment & expenses		700.00
Total E1 - Geological					192,153.04
E12 - Labour					
01/15/2016	GMI396	Joshua Tattersall	Jan.11,13,2016 Train D.Woods, assist core boxes_drilling program		480.00
01/15/2016	GMI396	Phillistine Olson	Jan.5,7,8,10,11,13,14 2016_data/prep for drilling program		1,750.00
01/15/2016	GMI396	David Woods	Jan.11,13,2016 training on splitting		480.00
01/28/2016	GMI398	Joshua Tattersall	Jan.19,20,25,26,27,28, 2016 training, Cutting/Splitting work		1,440.00
01/28/2016	GMI398	Phillistine Olson	Jan.15-28, 2016 total 14 days Geo, warehouse, data support work		3,500.00
01/28/2016	GMI398	David Woods	Jan.15,16,19,20,21,22,23,24,25,26, 2016 training & splitting work		2,280.00
01/31/2016	742019	Cariboo Ecoservices Ltd.	Core Splitting 16 days @ \$700/day		4,400.00
01/31/2016	GMI399		CPP expense (employer's portion)_Jan.2016		532.37
01/31/2016	GMI399		EI expense (employer's portion)_Jan.2016		306.08
02/15/2016	742020	Cariboo Ecoservices Ltd.	Core Splitting 15 days @ \$275/day		4,125.00
02/15/2016	GMI402	Joshua Tattersall	Feb.2,3,4,5,7,8,9,10,11,12, 2016_drill program splitting labor		2,160.00
02/15/2016	GMI402	Phillistine Olson	Jan.29,30,31, Feb.1,2,3,4,5,6,7,8,9,10,11,12 2016_drill program labor		3,750.00
02/15/2016	GMI402	David Woods	Jan.29,30,31, Feb.1,2,5,6,7,8,9,10,11,12, 2016_drill program splitting labor		3,000.00
02/29/2016	GMI403	Joshua Tattersall	Feb.13,14,15,16,24,25,26,2016_drill program splitting labor		1,680.00
02/29/2016	GMI403	Phillistine Olson	Feb.13,14,15,16,17,18,19,20,21,22,23,24,25,26_drill program labor		3,500.00
02/29/2016	GMI403	David Woods	Feb.17,18,19,20,21,22,23, 2016_drill program splitting labor		1,680.00
02/29/2016	GMI404		CPP expense (employer's portion)_Feb.2016		737.30
02/29/2016	GMI404		EI expense (employer's portion)_Feb.2016		415.06
03/01/2016	742021	Cariboo Ecoservices Ltd.	Core Splitting total 13 days @ \$275/day		3,575.00
03/05/2016	742022	Cariboo Ecoservices Ltd.	Core Splitting 1 1/2 days @ \$275/ day		412.50
03/15/2016	GMI408	Joshua Tattersall	Feb.27, 28, Mar.04,05, 2016_drill program splitting labor		960.00
03/15/2016	GMI408	Phillistine Olson	Feb.27,28, 29, Mar.01,02,03,04,08,08,10,11,14, 2016_drill program labor		3,000.00
03/15/2016	GMI408	David Woods	Feb.28,29, Mar.01,02, 2016_drill program splitting labor		960.00
03/31/2016	GMI412	Phillistine Olson	Mar.15,16,17,18,21,22,23,24,25,28,29,30, 2016_drill program labor		3,000.00
03/31/2016	GMI413		CPP expense (employer's portion)_Mar.2016		568.79
03/31/2016	GMI413		EI expense (employer's portion)_Mar.2016		321.64
Total E12 - Labour					49,013.74

11:14 AM
02/19/18
Accrual Basis

Gavin Mines Inc.
Transactions by Account
As of February 19, 2018

Date	Num	Name	Memo	Cr	Amount
E14 - Field Office					
12/31/2015	GMI423		To reallocate Dec.31, 2015 portion of field office expenses for drill program		5,265.75
03/31/2016	GMI424		To reallocate Jan.01 - Mar.31, 2016 field office expenses_drill program		18,586.68
Total E14 - Field Office					23,852.43
E20 - Other					
11/24/2015	4081	Frontier Truck Rentals	truck rental for drilling program_truck plate#KC7480, VIN#R346		856.04
12/11/2015	4084	Frontier Truck Rentals	truck rental for drilling program_truck plate#KC7480, VIN#R346		2,140.00
12/28/2015	2460	Radley Contracting Inc.	Dec.15,21,28, 2015 Grading Dome Road		1,350.00
01/01/2016	4091	Frontier Truck Rentals	Jan 2016 rental for drilling program_truck plate#KC7480, VIN#R346		2,428.90
01/05/2016	271082	EVERGREEN Industrial Supplies	Tree tags, Safety goggles		119.13
01/07/2016	271222	EVERGREEN Industrial Supplies	Mask, Cartridge		69.98
01/08/2016	0116-004	Smithers Lumber Yard Ltd.	Spruce Lath_for drilling		22.47
01/13/2016	ref. MMR#0116-002		Smithers Lumber_Hardwares supplies		98.33
01/16/2016	AF8754	Smithers Lumber Yard Ltd.	Stank spruce, hardware, Rubber handle ratchet		538.89
01/18/2016	0116-011	Canadian Tire	GLV Fleece Line_for drilling		128.37
01/19/2016	2489	Radley Contracting Inc.	Jan.7, 14, 19, 2016 Road grading for drilling purpose		2,100.00
01/19/2016	0116-012	Canadian Tire	DKSW GN 8X2-1/2_for drilling		47.06
01/20/2016	AF9403	Smithers Lumber Yard Ltd.	DRIPLESS CAULKING GUN; dap sILICONE; Outside deck screw		36.13
01/21/2016	0116-013	smithers Feed	miscellaneous_for drilling		31.63
01/22/2016	0116-014	BV Wholesale	windshield		7.47
01/26/2016	0116-016	smithers Feed	miscellaneous_for drilling		47.44
01/27/2016	0116-018	Canadian Tire	Fluor, Staples, T50_for drilling		21.65
01/29/2016	0116-019	Greyhound	package delivery from Fothier Enterprises Vancouver to Smithers_for drilling		35.25
02/01/2016	55940	David Piffer	Jan.01-31, 2016 labor & supplies		7,174.77
02/02/2016	2016-002	1062820 B.C. Ltd.	Jan.03,08,11,21,25,27, 2016 Help with core logger/networking/server in Smithers		1,612.50
02/03/2016	AG1765	Smithers Lumber Yard Ltd.	48 REBAR38		19.92
02/03/2016	ref. MMR#0216-001		Smithers Fee Store_miscellaneous purchases by Kevin		115.87
02/03/2016	ref. MMR#0216-002		Canadian Tire_supplies for Drilling		48.14
02/04/2016	ref. MMR#0216-003		Evergreen_gloves & pins		19.94
02/09/2016	273058	EVERGREEN Industrial Supplies	Tie-Wraps		64.17
02/11/2016	273218	EVERGREEN Industrial Supplies	Tie-Wraps		69.49
02/11/2016	0216-004	Alpine Plant World	supplies_for drilling		38.31
02/11/2016	0216-006	Canadian Tire	supplies_for drilling		7.04
02/11/2016	0216-007	Canadian Tire	supplies_for drilling		9.86
02/13/2016	273331	EVERGREEN Industrial Supplies	Tree tags, North cartridge HEPA		145.43
02/15/2016	0216-008	Canadian Tire	motomaster, filter_supplies for drilling		54.41
02/17/2016	4106	Frontier Truck Rentals	Feb.2016 rental for drilling program_truck plate#KC7480, VIN#R346		2,140.00
02/17/2016	0216-011	Canadian Tire	DEF Fluid		26.76
02/18/2016	179997	IRL Supplies (2011) Ltd.	Husqvarna Wheel Roller set; Diamond Saw Blade Segment		475.40

11:14 AM
02/19/18
Accrual Basis

Gavin Mines Inc.
Transactions by Account

As of February 19, 2018

Date	Num	Name	Memo	Cr	Amount
02/18/2016	0216-012	Canadian Tire	Certified Infla		27.81
02/22/2016	0216-015	Canadian Tire	pails & utility_for drilling		30.39
02/22/2016	13347	North Country Rentals Inc.	1 day @ \$20		21.40
02/24/2016	273942	EVERGREEN Industrial Supplies	Tree tags aluminum		41.95
02/24/2016	0216-016	Canadian Tire	CTFD 50' 1/2 LD_for drilling		12.08
02/25/2016	2534	Radley Contracting Inc.	Grading Dome Road - Feb.4-25, 2016		2,250.00
02/26/2016	0216-017	Home HWRE #56	gasket, wax horm_for drilling		1.99
02/26/2016	13369	North Country Rentals Inc.	one day		21.40
02/29/2016	274213	EVERGREEN Industrial Supplies	Tie-wraps 11" 4.8 mm 100PK		8.55
02/29/2016	274286	EVERGREEN Industrial Supplies	Sample Bags, Gloves degree 360 nitrile		81.47
02/29/2016	Feb.2016 exps	Phillistine Olson	Feb.2016 supplies for drilling		35.70
03/03/2016	0316-002	Home HWRE #56	CD for drilling		9.08
03/15/2016	2554	Radley Contracting Inc.	Mar.07, 15, 2016 Dome Road Grading		600.00
03/22/2016	2573	Radley Contracting Inc.	total 2 hours @ \$150.00		300.00
03/31/2016	4125	Frontier Truck Rentals	Mar.2016 rental for drilling program_truck plate#KC7480, VIN#R346		5,348.18
03/31/2016	03312016 credit	Frontier Truck Rentals	ICBC Insurance refund_April, May 2016 rental for drilling program		(297.24)
03/31/2016	55941	David Piffer	Feb.01-28, Mar.04,05, 2016 labor & supplies		4,420.00
Total E20 - Other					35,013.51
E6 - Field Costs					
02/15/2016	2859	B & A Rentals Ltd.	Jan.,Feb.2016 JD-270C , PC 220 LC7 Excavator service charges		77,332.00
03/02/2016	2854	B & A Rentals Ltd.	Feb.1,2,14,15, 2016 PC220 Excavator_total 12 hrs @ \$175/hr		10,150.00
Total E6 - Field Costs					87,482.00
E7 - Drilling					
01/04/2016	915201305	Suncor Energy Products Partnership	17,500 LT Diesle Fuel for drilling		13,251.00
01/18/2016	2016001	Driftwood Diamond Drilling Ltd.	Dec.12, 2015 - Jan.15, 2016 Dome M. Property drilling project		64,597.75
01/22/2016	915358742	Suncor Energy Products Partnership	17,500 LT Diesle Fuel for drilling		11,991.00
02/02/2016	2016002-R1	Driftwood Diamond Drilling Ltd.	Jan.16 -31, 2016 Dome M. Property drilling project		296,524.70
02/04/2016	915477279	Suncor Energy Products Partnership	17,500 LT Diesle Fuel for drilling		12,218.50
02/17/2016	2016003-R1	Driftwood Diamond Drilling Ltd.	Feb.1-15, 2016 Dome M. Property drilling project		295,476.10
02/19/2016	915622685	Suncor Energy Products Partnership	17,500 LT Diesle Fuel for drilling		12,376.00
03/01/2016	2016004	Driftwood Diamond Drilling Ltd.	Feb.16-27, 2016 Dome M. Property drilling project		199,647.37
Total E7 - Drilling					906,082.42
Total costs of program					1,370,773.81

12 References

- Hanson, D. (2011): Report on the Diamond Drilling Program, Dome Mountain, Omineca Mining Division, British Columbia, 2010; AR 32606.
- L'Orsa, A. (March 12, 1990): Report on the Diamond November 1989 to January 1990, Dome Mountain, Omineca Mining Division, British Columbia; internal report to Teeshin Resources Ltd.
- MacIntyre, D.G., Brown, D., Desjardins, P., and Mallet, P. (1987): Babine Project, BC Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork, 1986, Paper 1987-1, 22 p.
- MacIntyre, D.G. and Desjardins, P. (1988): Geology of the Silver King - Mount Cronin Area, BC Ministry of Energy, Mines and Petroleum Resources, Open File 1988-20
- Peccerillo & Taylor (1976): Contributions to Mineralogy and Petrology, vb58, pp. 63-91.
- Roscoe Postle Associates Inc. (December 20, 1993): Report on the Dome Mountain Project for Hapsburg Resources Inc.
- Roscoe Postle Associates Inc. (March 31, 1998): Addendum to a Report on the Dome Mountain Project - Prepared for DMR Resources Ltd.
- Scott Wilson Roscoe Postle Associates Inc. (April 28, 2008): NI 43-101 Technical Report on Dome Mountain Project, Smithers, British Columbia, Canada, Prepared for Metal Mountain Resources Inc.
- 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

Certificate of Author

White North West Consulting
Dr. Mathias Westphal
102-3712 1st Avenue, Smithers, B.C., Canada
Po Box 2575 V0J 2N0

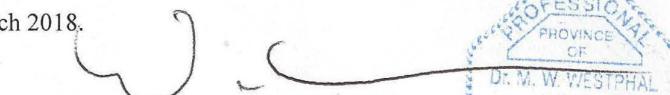
Cell : (250) 917-8715
e-mail: mathiasw.geo@gmail.com

I, Dr. Mathias W. Westphal, P.Geo., do hereby certify that:

1. I am principal of:
White North West Consulting
102-3712 1st Avenue
Po Box 2575
Smithers, B.C., Canada
V0J 2N0
2. I graduated with a Masters of Science degree in Mineralogy from Albert-Ludwigs-University at Freiburg, Germany in 1994. In addition, I have obtained a Masters of Arts degree in Geography from Albert-Ludwigs-University at Freiburg, Germany in 1992.
Since 1998 I hold a Ph.D. in Mineralogy from Albert-Ludwigs-University at Freiburg, Germany.
3. I am a member of the:
 - APEGBC – Association of Professional Engineers and Geoscientists, British Columbia
 - AME BC – Association of Mineral Exploration, British Columbia
 - SEG – Smithers Exploration Group, British Columbia
 - DMG – German Mineralogical Society (Deutsche Mineralogische Gesellschaft).
4. I have worked as a Mineralogist/Geologist for a total of 23 years since my Masters of Science graduation from university.

I am the author of this report titled "DIAMOND DRILLING ASSESSMENT REPORT, GEOLOGICAL ON THE DOME MINERAL PROPERTY, OMENICA MINING DIVISION, BC, CANADA" and dated March 15, 2018, and take responsibility for the entire report.

Dated at 15th Day of March 2018.


Dr. Mathias Westphal, P.Geo.



14 Appendix

Plan view

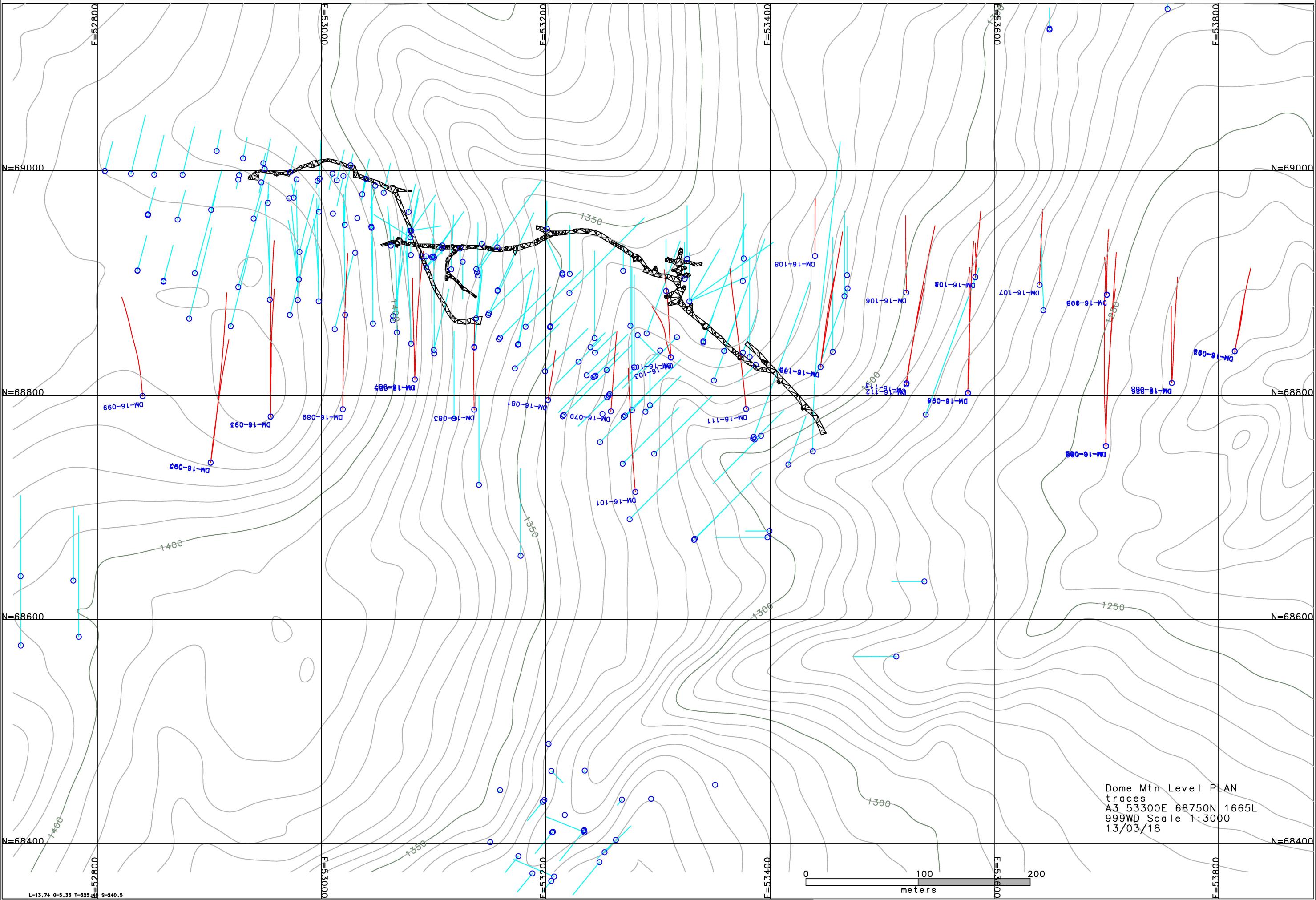
Cross Sections of drill holes

Log Gold assays

Core logging sheets

Assay Certificates with results

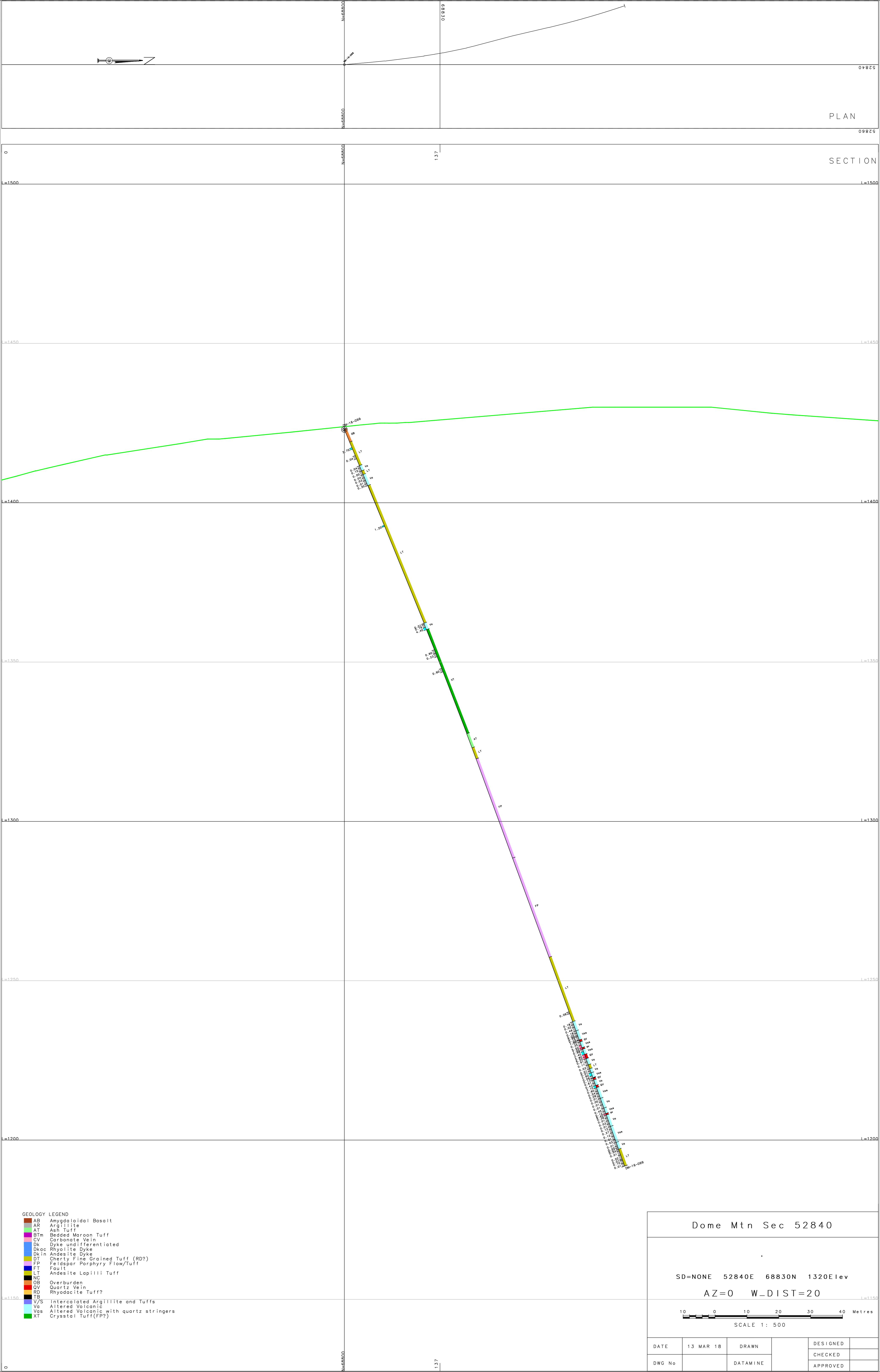
Standards

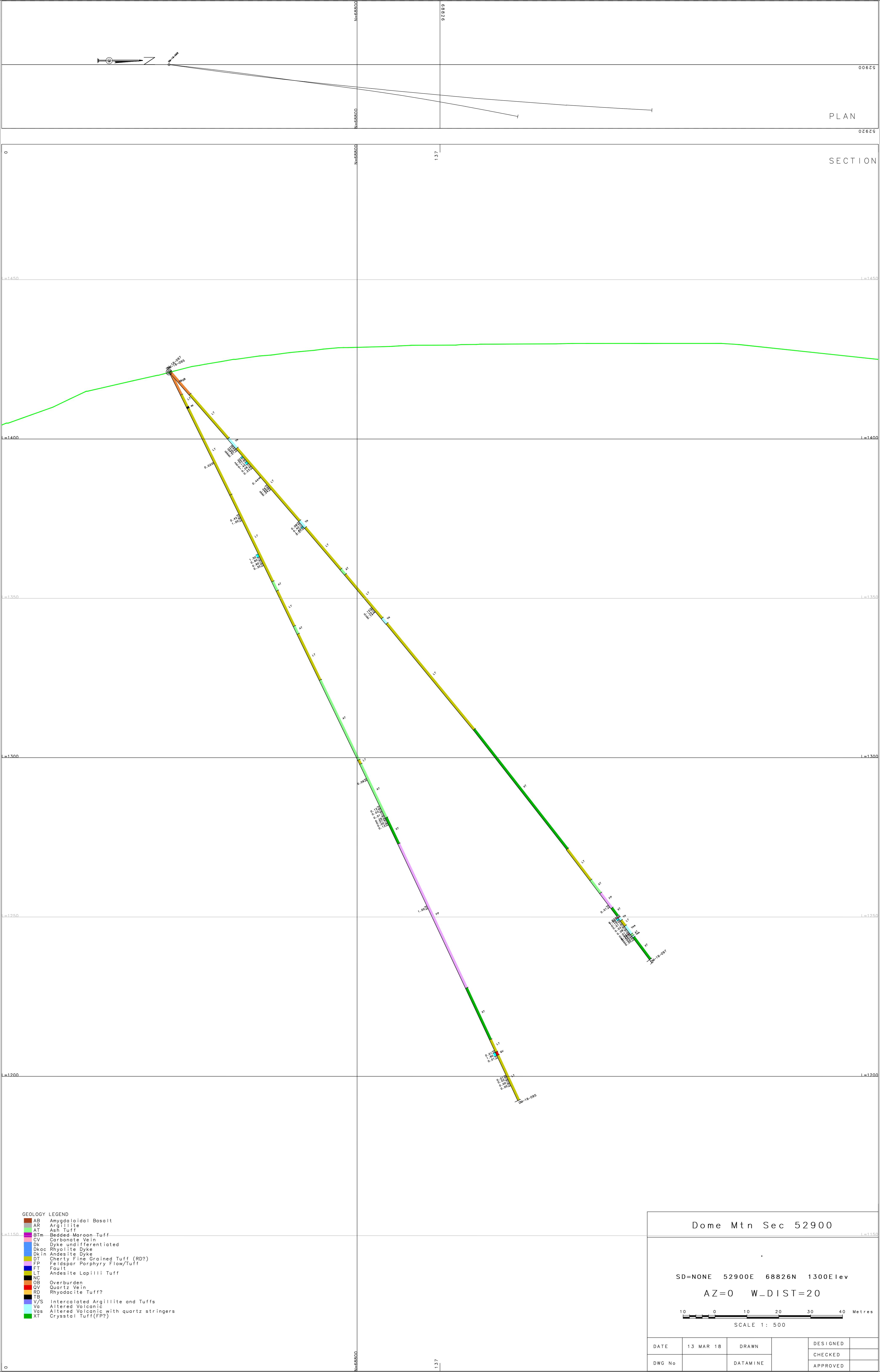


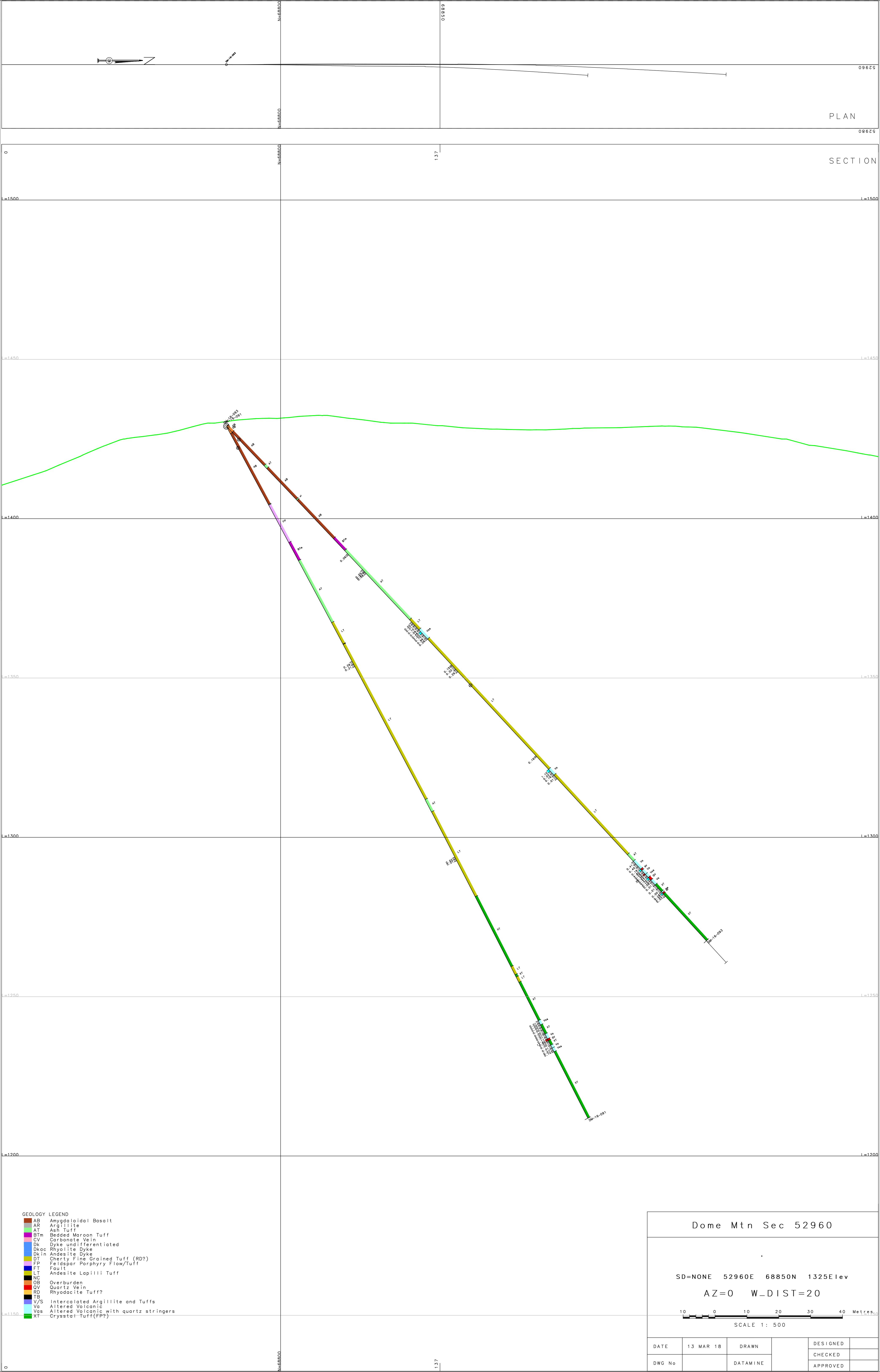
Cross Sections ‘Dome Mountain Property’

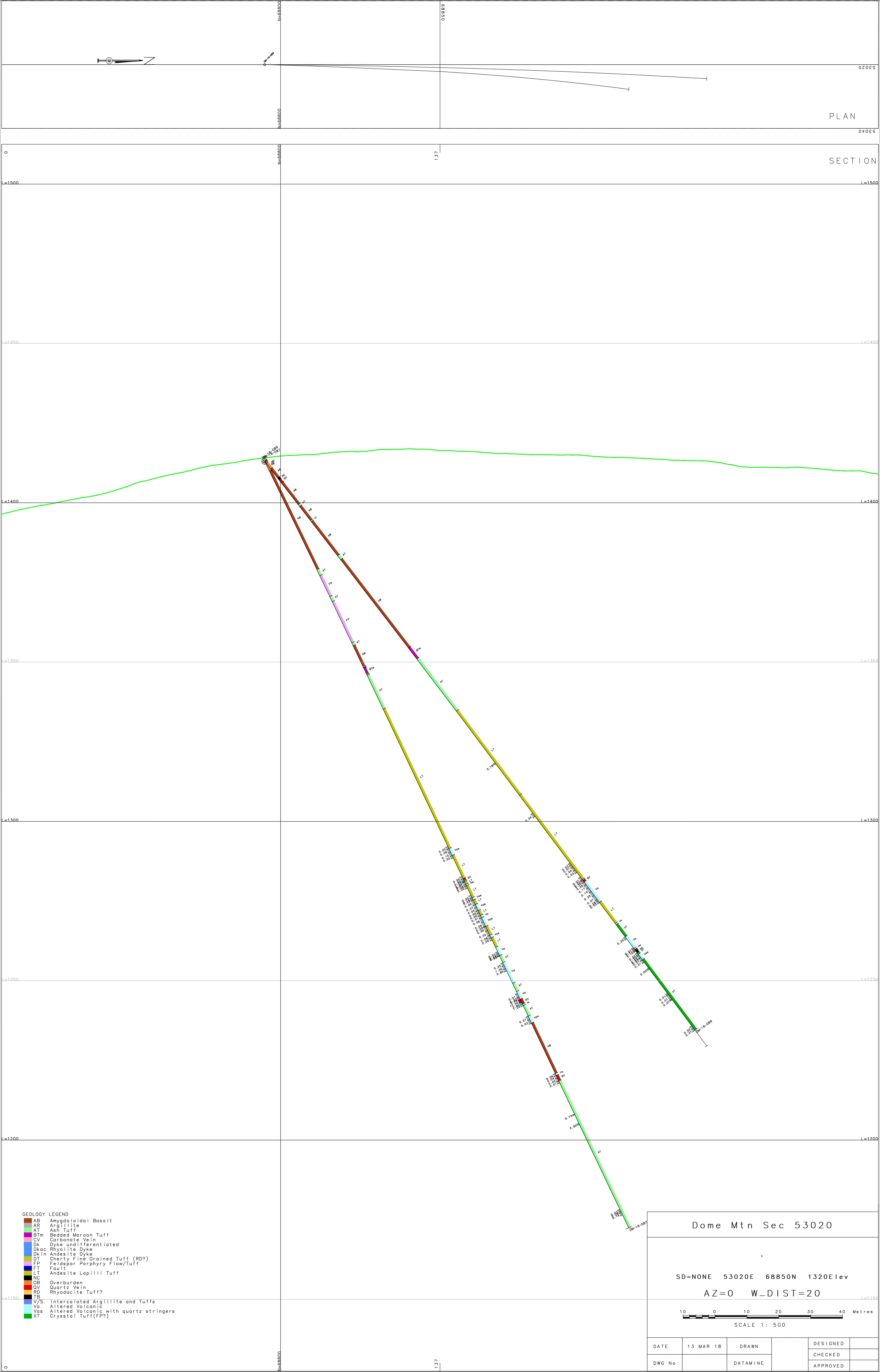
All cross sections are oriented N-S, and show color coded geology units as logged with Au values in ppm (g/tonne) where samples were taken and analyzed.

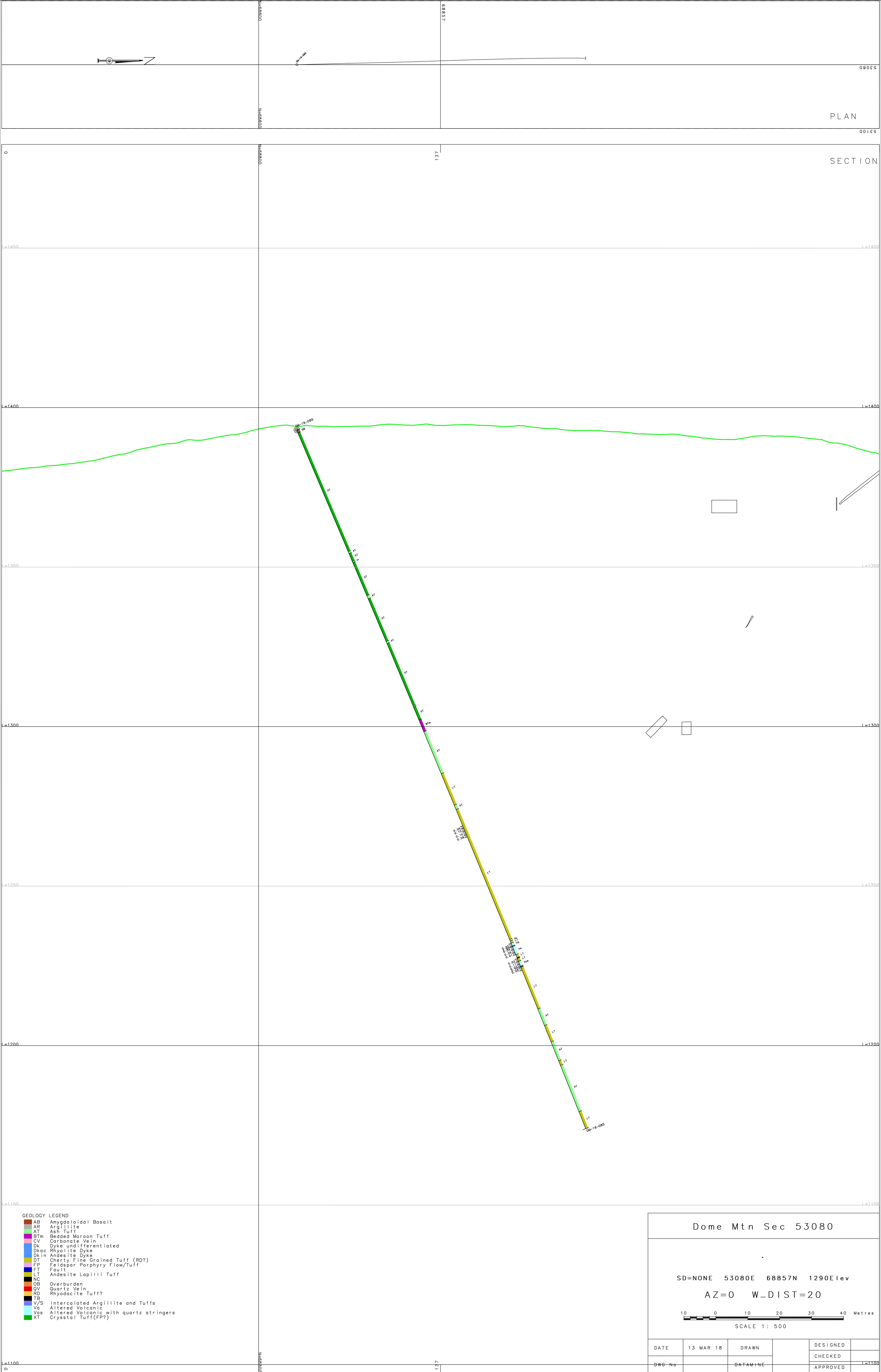
Note: Recent Whole Rock (WR) XRF analysis have shown, that the unit ‘Amygdaloidal Basalt’ (AB) might actually be an ‘Andesite, basaltic’ (AB). In order to address this issue, further WR investigations are required. See section ‘7.3.4. Recogizant Geology’ for more information.

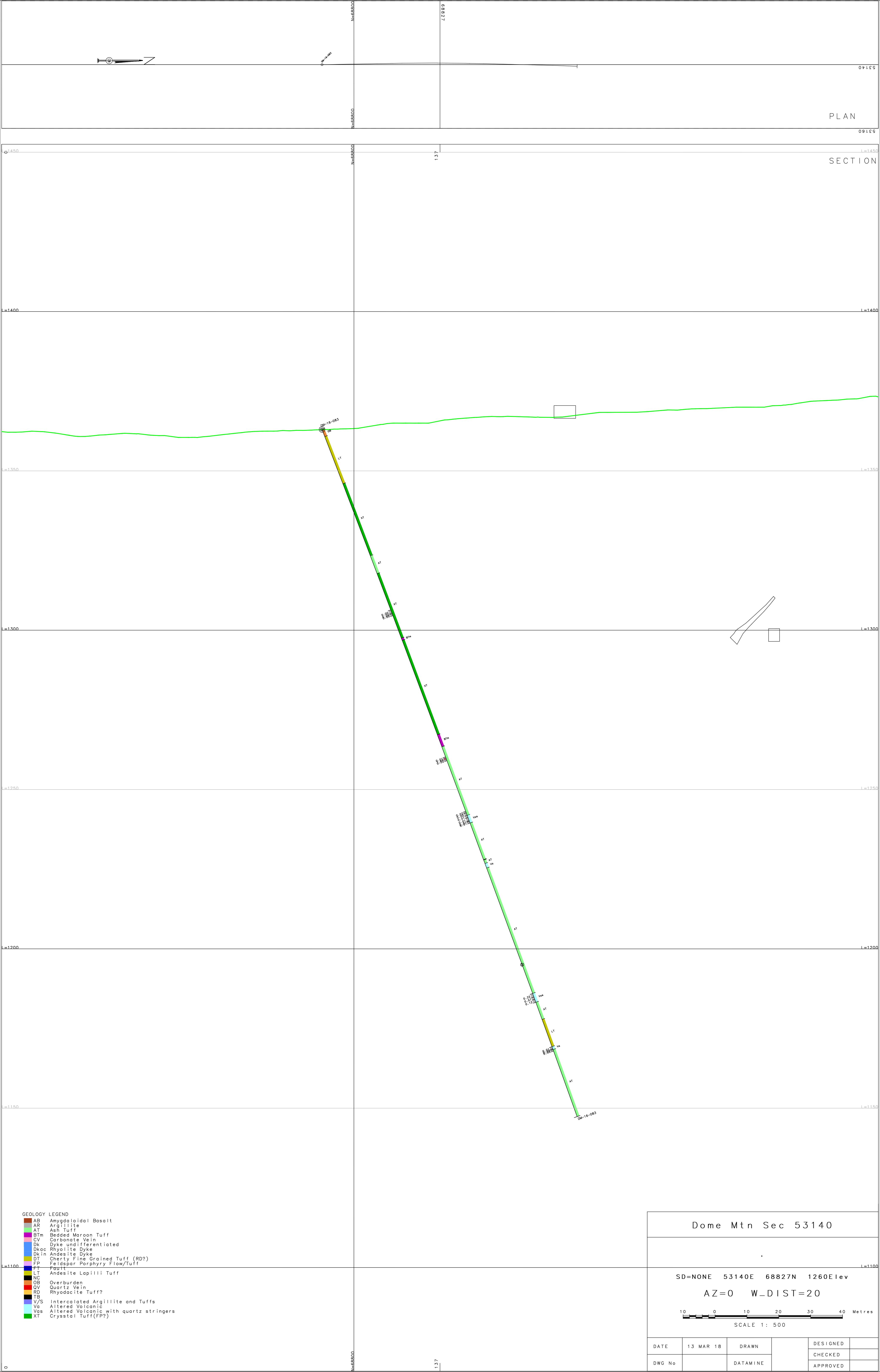


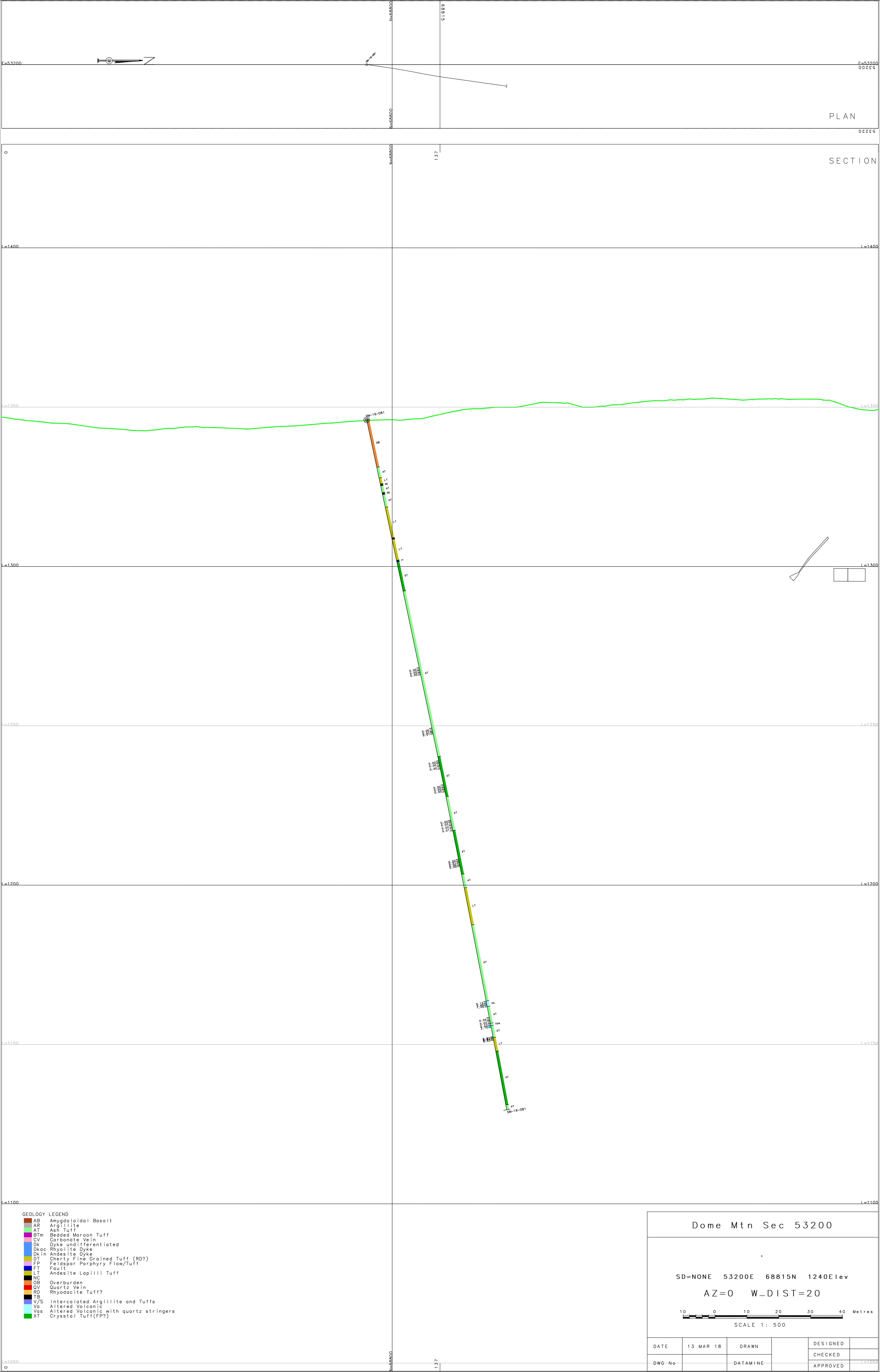


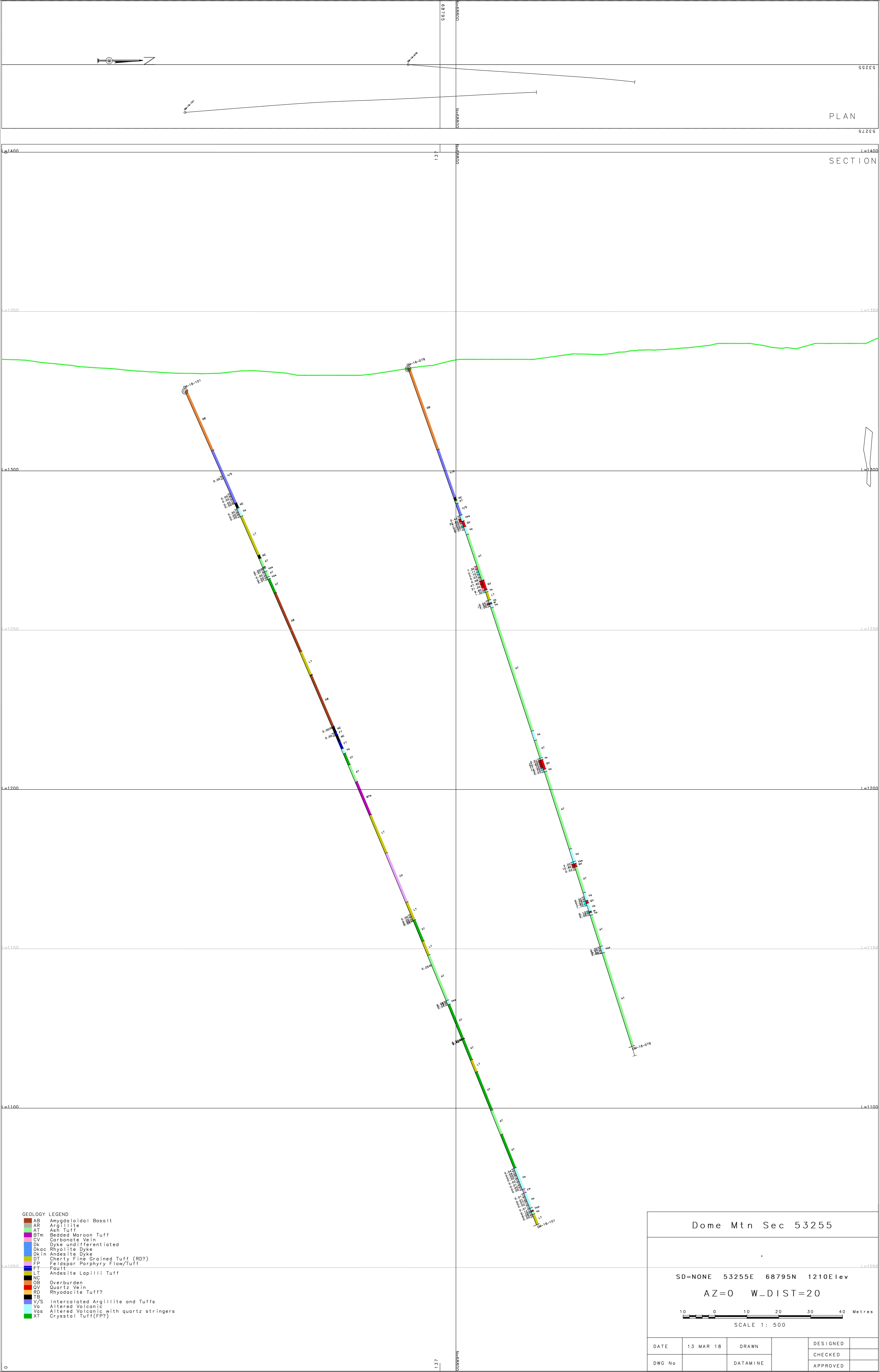


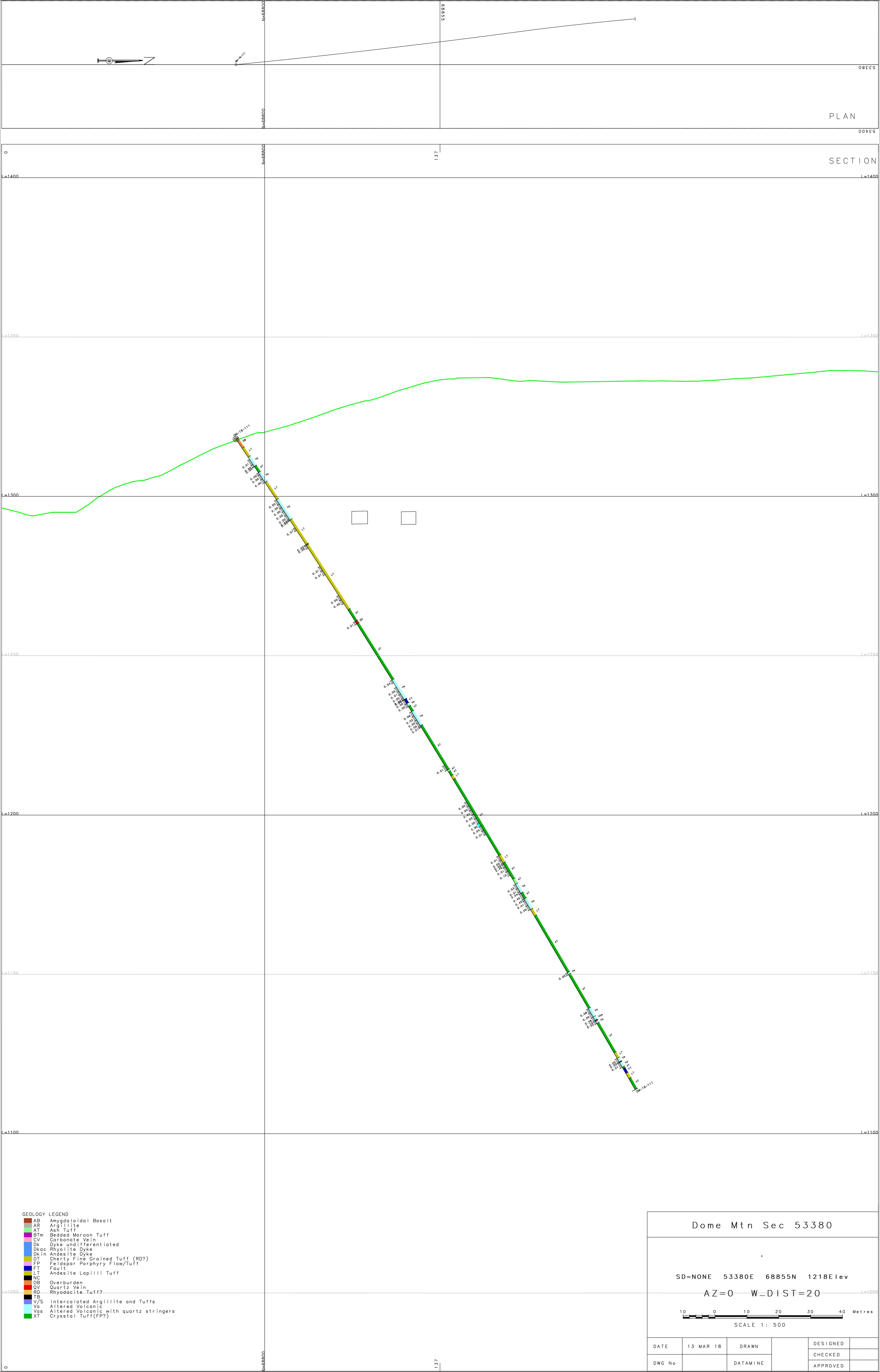


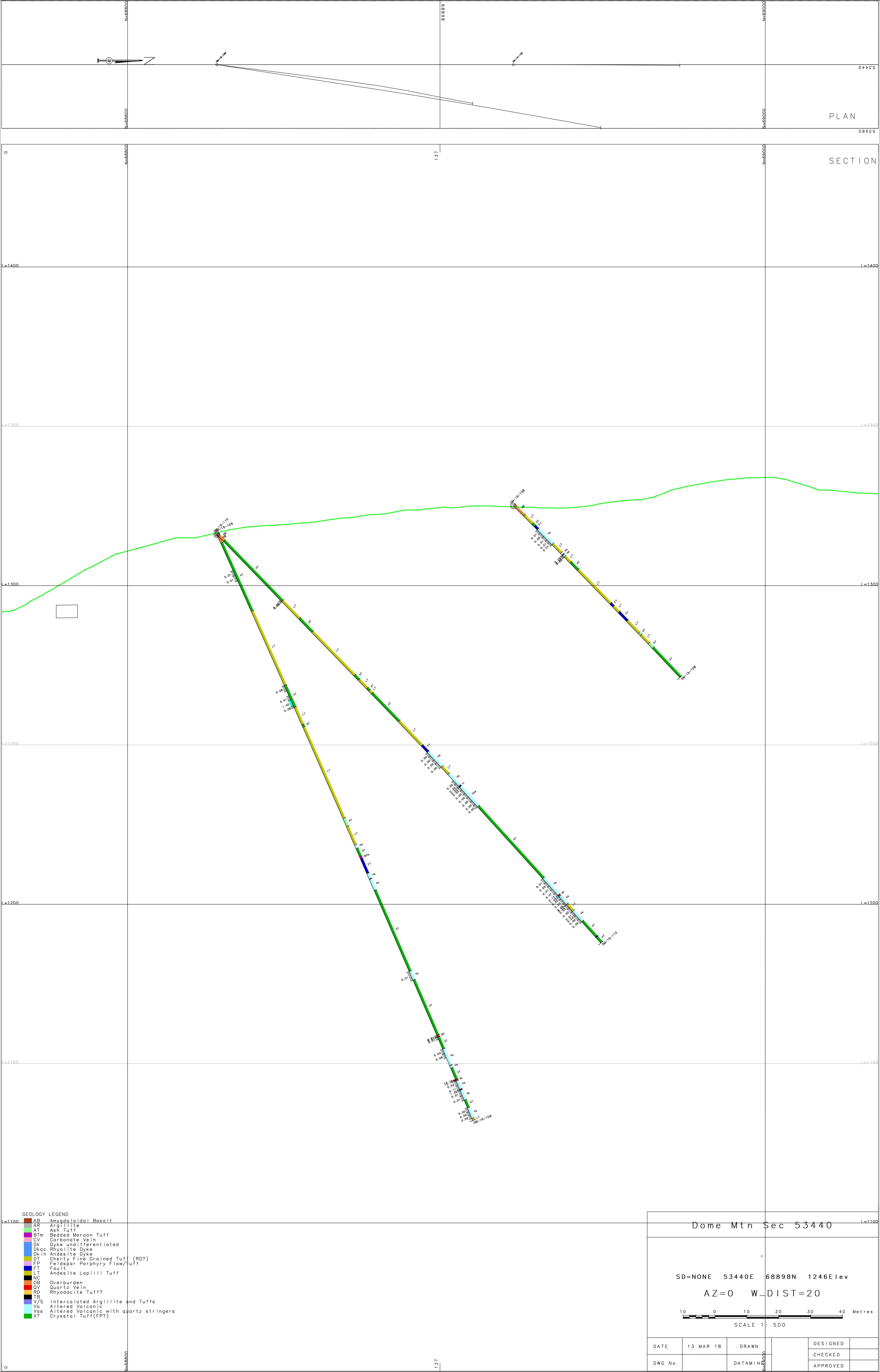




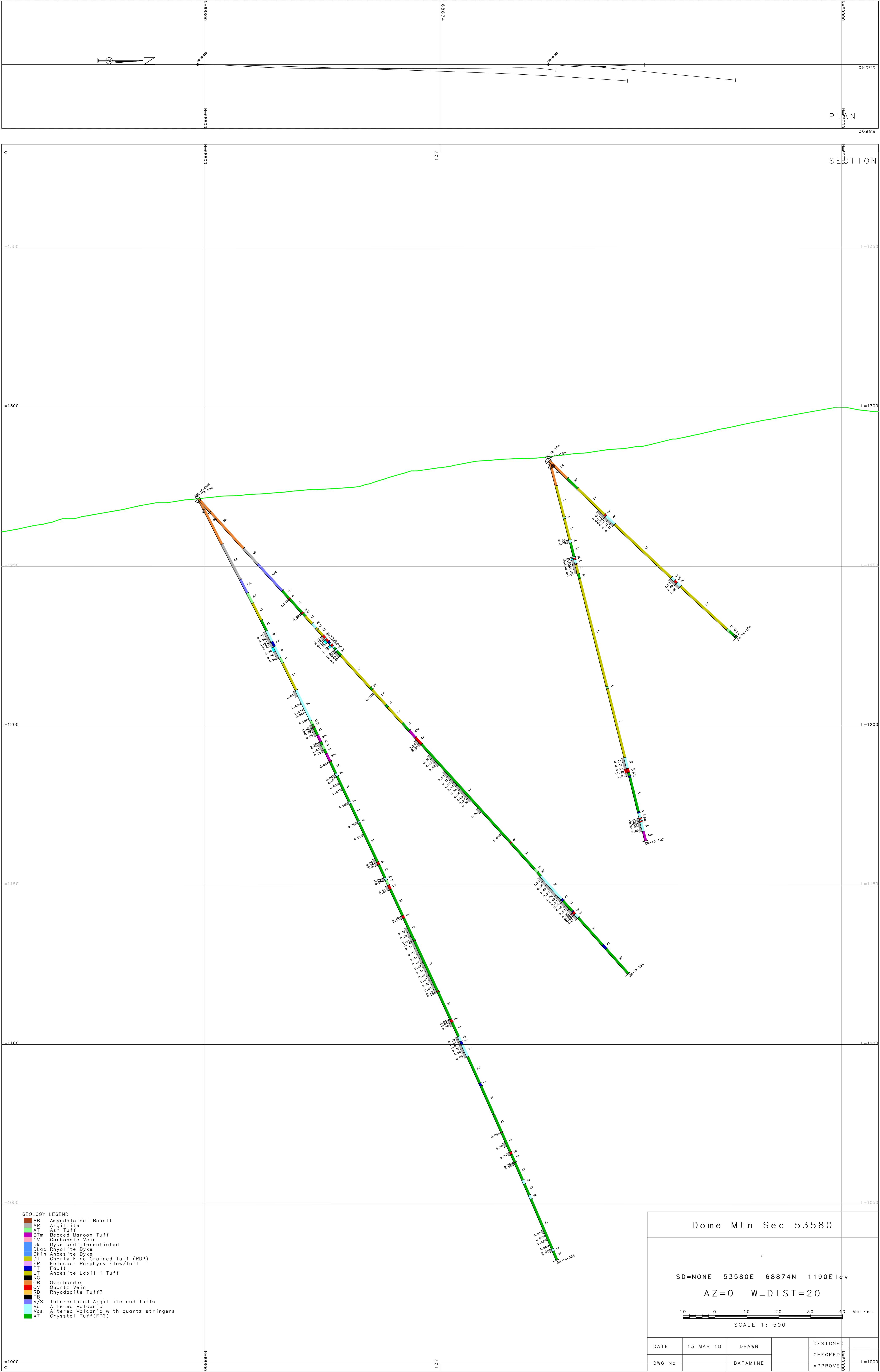


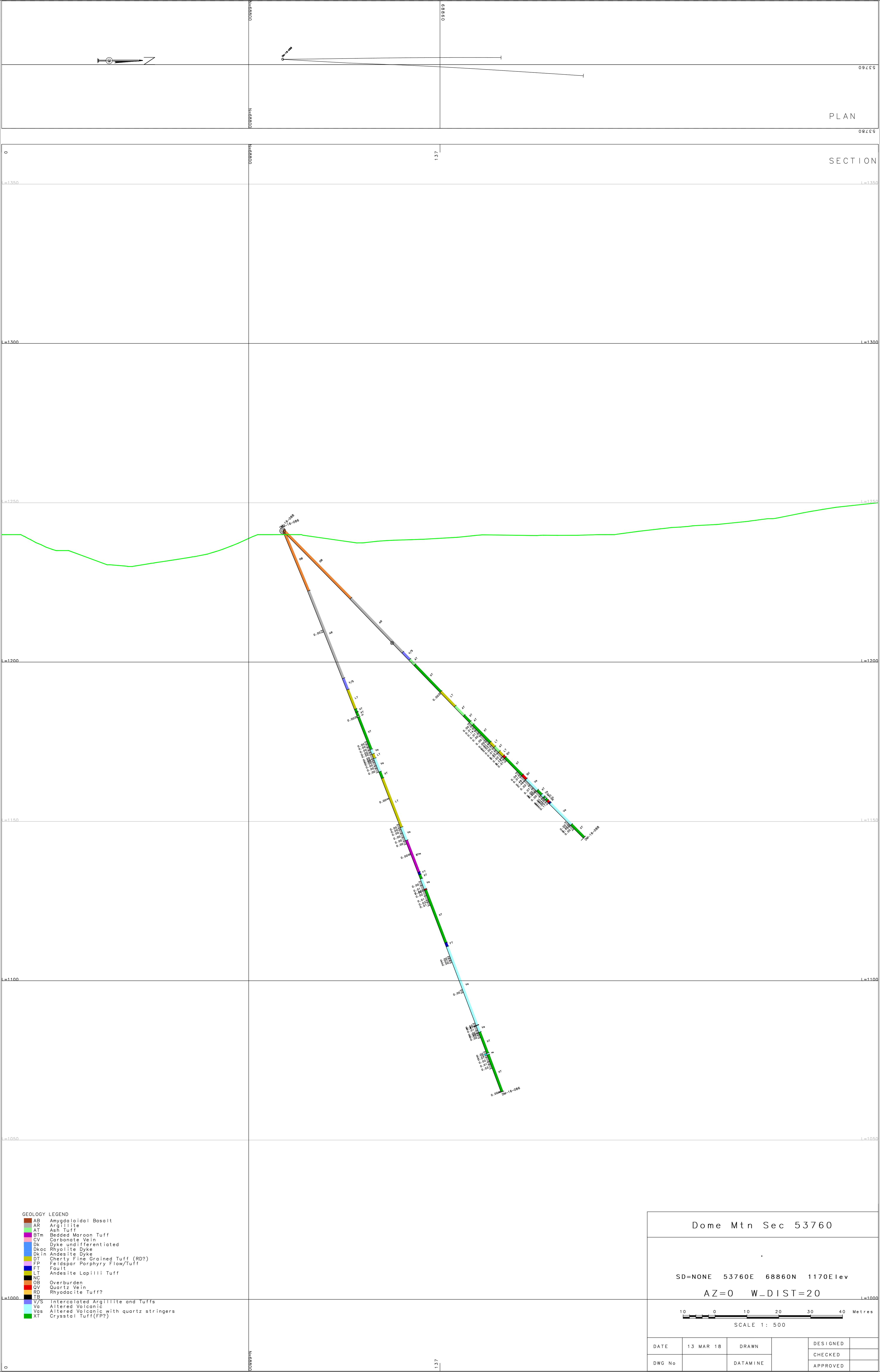














Gavin Mines Inc.

Assay Log

Dome Mountain Project

BHID DM-16-079 **Grid-X:** 53257.93
Grid-Y: 69.795.53

BHID	FROM	TO SAMPLE	Rocktype	Dmin	AU
DM 16 079	49.90	49.90 2625001	Vas	0.430	
DM 16 079	49.90	50.79 2625002	Vas	20.800	
DM 16 079	50.79	51.29 2625003	OV	7.500	
DM 16 079	51.29	52.22 2625004	Va	0.020	
DM 16 079	52.22	52.61 2625005	OV	3.500	
DM 16 079	52.61	53.50 2625006	Va	0.009	
DM 16 079	65.46	66.50 2625007	OV	7.300	
DM 16 079	66.50	67.39 2625009	AT	0.111	
DM 16 079	67.39	69.20 2625009	OV	2.700	
DM 16 079	69.20	69.22 2625010	AT	0.031	
DM 16 079	69.22	70.35 2625011	AT	0.091	
DM 16 079	70.35	71.40 2625012	OV	47.800	
DM 16 079	71.40	72.50 2625013	OV	21.200	
DM 16 079	72.50	73.60 2625014	OV	9.800	
DM 16 079	73.60	74.20 2625015	Va	1.300	
DM 16 079	76.97	77.91 2625016	Va	0.041	
DM 16 079	77.91	79.23 2625017	OV	12.500	
DM 16 079	79.23	79.96 2625019	Va	1.000	
DM 16 079	129.05	129.63 2625019	Va	0.010	
DM 16 079	129.63	130.09 2625020	OV	21.100	
DM 16 079	130.09	130.91 2625021	OV	20.900	
DM 16 079	130.91	131.50 2625022	OV	11.700	
DM 16 079	131.50	132.20 2625023	OV	19.300	
DM 16 079	132.20	132.77 2625024	OV	3.100	
DM 16 079	132.77	133.54 2625025	Va	0.033	
DM 16 079	163.16	163.85 2625027	Vas	2.200	
DM 16 079	163.85	164.94 2625028	OV	10.800	
DM 16 079	164.94	165.80 2625029	AT	0.519	
DM 16 079	174.80	175.42 2625031	Va	0.301	
DM 16 079	175.42	176.05 2625032	Va	0.290	
DM 16 079	176.05	176.92 2625033	OV	3.800	
DM 16 079	176.92	177.54 2625034	Va	1.700	
DM 16 079	179.23	179.60 2625035	Va	0.119	
DM 16 079	179.60	190.00 2625036	OV	2.100	
DM 16 079	190.00	190.65 2625037	Va	0.099	
DM 16 079	191.09	191.61 2625039	Vas	0.296	
DM 16 079	191.61	192.27 2625039	Vas	0.639	
DM 16 079	192.27	193.25 2625041	Vas	0.024	

No. of Samples

28

Gavin Mines Inc.

Assay Log

Dome Mountain Project

BHID DM-16-080 **Grid-X:** 53.699.63
Grid-Y: 69.754.57

BHID	FROM	TO SAMPLE	Rocktype	Dmin	AU
DM 16 090	320.90	322.00 2625201	Va	0.019	
DM 16 090	322.00	323.00 2625202	Va	0.004	
DM 16 090	323.00	323.39 2625203	OV	FW	0.020
DM 16 090	323.39	324.25 2625204	Va	0.009	

No. of Samples

Gavin Mines Inc.

Assay Log

Dome Mountain Project

BHID DM-16-081 **Grid-X:** 53.201.92
Grid-Y: 69.795.66

BHID	FROM	TO SAMPLE	Rocktype	Dmin	AU
DM 16 091	79.45	90.30 2625042	AT	0.002	
DM 16 091	90.30	91.06 2625043	AT	0.000	
DM 16 091	91.06	91.90 2625044	AT	0.001	
DM 16 091	99.94	99.99 2625045	AT	0.000	
DM 16 091	99.99	100.29 2625047	AT	0.005	
DM 16 091	100.28	100.91 2625049	AT	0.014	
DM 16 091	109.33	110.00 2625049	XT	0.004	
DM 16 091	110.00	111.00 2625050	XT	0.005	
DM 16 091	111.00	112.00 2625051	XT	0.003	
DM 16 091	117.00	117.97 2625052	XT	0.001	
DM 16 091	117.97	119.53 2625053	XT	0.000	
DM 16 091	119.53	119.35 2625054	XT	0.001	
DM 16 091	129.35	129.90 2625055	AT	0.000	
DM 16 091	129.90	129.95 2625056	AT	0.026	
DM 16 091	129.95	130.92 2625057	AT	0.023	
DM 16 091	130.92	131.79 2625059	AT	0.009	
DM 16 091	140.90	141.46 2625060	XT	0.004	
DM 16 091	141.46	142.00 2625061	XT	0.005	
DM 16 091	142.00	142.72 2625062	XT	0.000	
DM 16 091	142.72	143.19 2625063	XT	0.001	
DM 16 091	196.30	197.00 2625064	Va	0.120	
DM 16 091	197.00	197.49 2625065	Va	3.400	
DM 16 091	197.49	199.09 2625066	Va	1.000	
DM 16 091	191.47	192.44 2625069	AT	0.051	
DM 16 091	192.44	193.41 2625069	AT	0.017	
DM 16 091	193.41	194.11 2625070	Vas	0.231	
DM 16 091	194.11	194.70 2625071	AT	2.700	
DM 16 091	197.63	199.05 2625072	AT	0.006	
DM 16 091	199.05	199.37 2625073	LT	0.539	
DM 16 091	199.37	199.92 2625074	LT	0.027	

No. of Samples

30

Gavin Mines Inc.

Assay Log**Dome Mountain Project****BHID DM-16-082**
Grid-X: 53.699.33
Grid-Y: 69.754.53

BHID	FROM	TO SAMPLE	Rocktype	Dmin	AU
DM 16 092	49.00	50.00	2625205	AR	0.003
DM 16 092	50.00	51.00	2625206	OV	0.000
DM 16 092	51.00	52.00	2625207	OV	0.002
DM 16 092	52.00	53.00	2625208	LT	0.003
DM 16 092	155.00	156.35	2625209	XT	0.012
DM 16 092	156.35	157.50	2625210	HW	0.275
DM 16 092	157.50	159.45	2625211	XT	0.004
DM 16 092	165.00	167.00	2625212	XT	0.002
DM 16 092	167.00	169.00	2625213	XT	0.000
DM 16 092	169.00	169.00	2625214	XT	0.000
DM 16 092	172.20	173.30	2625215	XT	0.028
DM 16 092	173.30	174.55	2625216	XT	0.009
DM 16 092	202.65	204.00	2625235	Va	0.001
DM 16 092	204.00	205.00	2625236	Va	0.045
DM 16 092	205.00	206.00	2625237	Va	0.007
DM 16 092	206.00	207.00	2625238	Va	0.011
DM 16 092	207.00	209.00	2625239	Va	0.033
DM 16 092	209.00	209.00	2625242	Va	0.016
DM 16 092	209.00	210.00	2625243	Va	0.013
DM 16 092	216.00	217.00	2625244	Va	0.023
DM 16 092	217.00	219.00	2625245	Va	0.002
DM 16 092	219.00	219.00	2625246	Va	0.006
DM 16 092	219.00	220.00	2625247	Va	0.004
DM 16 092	220.00	221.00	2625249	Va	0.017
DM 16 092	221.00	222.00	2625249	Va	0.013
DM 16 092	222.00	223.00	2625250	Va	0.010
DM 16 092	223.00	224.00	2625251	Va	0.006
DM 16 092	224.00	225.00	2625252	Va	0.050
DM 16 092	225.00	226.00	2625253	Va	0.027
DM 16 092	226.00	227.00	2625254	Va	0.016
DM 16 092	227.00	229.50	2625255	Va	0.007
DM 16 092	229.50	229.50	2625256	XT	0.001
DM 16 092	239.75	240.25	2625257	XT	0.011
DM 16 092	240.25	240.50	2625259	XT	0.021
DM 16 092	240.50	241.00	2625259	XT	0.002
DM 16 092	244.00	244.50	2625262	XT	0.004
DM 16 092	244.50	244.75	2625263	XT	0.116
DM 16 092	244.75	245.50	2625264	XT	0.004
DM 16 092	249.55	249.50	2625217	Va	0.000
DM 16 092	249.50	250.39	2625219	Va	0.030
DM 16 092	250.39	251.00	2625219	OV	22.800
DM 16 092	251.00	252.09	2625222	OV	3.800
DM 16 092	252.09	253.52	2625223	Va	0.101
DM 16 092	253.52	253.99	2625224	OV	0.190
DM 16 092	253.99	255.00	2625225	Va	0.107
DM 16 092	255.00	255.60	2625226	Va	0.345
DM 16 092	255.60	255.94	2625227	OV	0.199
DM 16 092	255.94	257.00	2625228	Va	1.075
DM 16 092	257.00	259.50	2625229	Va	0.002
DM 16 092	259.50	260.00	2625230	Va	0.022
DM 16 092	260.00	261.00	2625231	Va	0.032
DM 16 092	261.00	262.00	2625232	Va	0.099
DM 16 092	262.00	263.00	2625233	Va	0.014

DM 16 092 263.00 264.00 2625234 Va 0.005

No. of Samples 54

Gavin Mines Inc.

Assay Log**Dome Mountain Project****BHID DM-16-083** Grid-X: 53.136.06
Grid-Y: 69.797.00

BHID	FROM	TO SAMPLE	Rocktype	Dmin	AU
DM 16 093	60.55	61.60	2625075	XT	0.004
DM 16 093	61.60	61.91	2625076	XT	0.003
DM 16 093	61.91	62.50	2625079	XT	0.004
DM 16 093	109.79	110.20	2625079	AT	0.013
DM 16 093	110.20	110.59	2625090	AT	7.400
DM 16 093	110.59	111.09	2625091	AT	0.016
DM 16 093	129.00	129.50	2625092	AT	0.021
DM 16 093	129.50	129.37	2625093	AT	0.004
DM 16 093	129.37	130.10	2625094	Va	0.014
DM 16 093	130.10	131.12	2625095	Va	0.014
DM 16 093	131.12	131.37	2625096	Va	0.009
DM 16 093	131.37	131.94	2625097	Va	0.009
DM 16 093	199.90	190.10	2625099	Va	0.223
DM 16 093	190.10	190.95	2625090	Va	0.572
DM 16 093	190.95	191.97	2625091	Va	0.117
DM 16 093	206.69	207.37	2625092	Va	0.011
DM 16 093	207.37	207.65	2625093	Va	0.047
DM 16 093	207.65	209.16	2625094	AT	0.003

No. of Samples 78

Gavin Mines Inc.

Assay Log**Dome Mountain Project**

BHID DM-16-084 **Grid-X:** 53.899.52
Grid-Y: 69.754.51

BHID	FROM	TO SAMPLE	Rocktype	Dmn	AU
DM 16 094	69.90	70.00	2625265	AT	0.004
DM 16 094	70.00	71.40	2625266	AT	0.440
DM 16 094	71.40	72.30	2625267	XT	0.001
DM 16 094	72.30	73.20	2625268	AT	0.001
DM 16 094	73.20	74.00	2625269	XT	0.000
DM 16 094	74.00	74.35	2625270	Va	0.003
DM 16 094	74.35	75.25	2625271	LT	0.003
DM 16 094	75.25	76.35	2625272	LT	0.001
DM 16 094	179.15	190.70	2625273	Va	0.002
DM 16 094	190.70	191.50	2625274	XT	0.002
DM 16 094	191.50	191.75	2625275	Va	0.036
DM 16 094	191.75	193.00	2625276	Va	0.002
DM 16 094	193.00	194.50	2625277	Va	0.026
DM 16 094	194.50	196.00	2625278	Va	0.002
DM 16 094	196.00	197.50	2625279	Va	0.001
DM 16 094	197.50	199.55	2625292	Va	0.001
DM 16 094	199.55	191.00	2625293	XT	0.026
DM 16 094	191.00	192.50	2625294	XT	0.004
DM 16 094	192.50	193.50	2625295	XT	0.004
DM 16 094	193.50	194.75	2625296	XT	0.003
DM 16 094	194.75	196.00	2625297	Va	0.090
DM 16 094	196.00	197.30	2625299	Va	0.011
DM 16 094	197.30	199.95	2625299	Va	0.007
DM 16 094	199.95	200.05	2625290	Va	0.022
DM 16 094	200.05	200.35	2625291	Va	1.200
DM 16 094	200.35	201.32	2625292	Va	0.053
DM 16 094	201.32	203.00	2625293	XT	0.002
DM 16 094	203.00	204.45	2625294	XT	0.002
DM 16 094	204.45	205.65	2625295	XT	0.051
DM 16 094	205.65	207.00	2625296	Va	0.020
DM 16 094	207.00	209.00	2625297	Va	0.008
DM 16 094	209.00	209.00	2625298	Va	0.006
DM 16 094	209.00	210.20	2625299	Va	0.093
DM 16 094	210.20	210.75	2625302	AT	0.020
DM 16 094	210.75	211.80	2625303	Va	0.009
DM 16 094	211.80	212.50	2625304	XT	0.014
DM 16 094	212.50	214.00	2625305	XT	0.002
DM 16 094	214.00	215.75	2625306	XT	0.015
DM 16 094	215.75	217.00	2625307	Va	0.035
DM 16 094	217.00	219.00	2625309	Va	0.023
DM 16 094	219.00	219.50	2625309	XT	0.000
DM 16 094	219.50	221.00	2625310	XT	0.000
DM 16 094	221.00	223.00	2625311	XT	0.000
DM 16 094	223.00	224.75	2625312	XT	0.000
DM 16 094	224.75	226.00	2625313	OV	26.600
DM 16 094	226.00	227.00	2625314	Va	0.022
DM 16 094	227.00	229.17	2625315	Va	0.032
DM 16 094	229.17	230.00	2625316	Va	0.009
DM 16 094	230.00	231.60	2625317	OV	0.004
DM 16 094	231.60	232.20	2625319	Va	0.020
DM 16 094	232.20	234.05	2625319	Va	0.003
DM 16 094	234.05	234.95	2625322	Va	0.002
DM 16 094	234.95	235.70	2625323	XT	0.001

DM 16 094	235.70	235.95	2625335	XT	0.000
DM 16 094	235.95	237.62	2625336	XT	0.000
DM 16 094	237.62	239.12	2625324	XT	0.000
DM 16 094	239.12	239.65	2625325	XT	0.004
DM 16 094	239.65	240.00	2625326	XT	0.000
DM 16 094	240.00	241.50	2625327	XT	0.001
DM 16 094	241.50	242.60	2625328	XT	0.005
DM 16 094	242.60	243.15	2625329	Va	0.149
DM 16 094	243.15	244.25	2625330	Va	0.009
DM 16 094	244.25	245.70	2625331	XT	0.019
DM 16 094	245.70	246.50	2625332	Va	0.026
DM 16 094	246.50	247.75	2625333	Va	0.026
DM 16 094	247.75	249.00	2625334	XT	0.007

No. of Samples 66

Gavin Mines Inc.

Assay Log**Dome Mountain Project**

BHID DM-16-085 **Grid-X:** 53.899.12
Grid-Y: 69.913.76

BHID	FROM	TO SAMPLE	Rocktype	Dmn	AU
DM 16 095	134.30	135.30	2625095	LT	0.051
DM 16 095	135.30	136.30	2625096	LT	0.150
DM 16 095	136.30	137.49	2625098	LT	0.105
DM 16 095	137.49	139.30	2625099	LT	0.092
DM 16 095	174.35	175.31	2625100	Va	0.022
DM 16 095	175.31	175.52	2625101	OV	2.900
DM 16 095	175.52	176.45	2625102	Va	0.036
DM 16 095	176.45	177.45	2625103	Va	0.052
DM 16 095	177.45	179.24	2625104	Va	0.010
DM 16 095	179.30	190.50	2625105	LT	0.017
DM 16 095	190.50	191.43	2625106	Vas	0.169
DM 16 095	191.43	192.19	2625107	Vas	0.030
DM 16 095	192.19	192.51	2625108	OV	3.700
DM 16 095	192.51	193.50	2625109	LT	0.004

No. of Samples 14

Dome Mountain Project

BHID DM-16-086 Grid-X: 53.739.29
Grid-Y: 69.910.60

BHID	FROM	TO SAMPLE	Rocktype	Dmn	AU
DM 16 096	33.55	34.25 2625397	AR		0.000
DM 16 096	62.65	63.09 2625398	AT		0.000
DM 16 096	71.12	72.00 2625399	XT		0.000
DM 16 096	72.00	73.00 2625342	XT		0.001
DM 16 096	73.00	74.00 2625343	XT		0.000
DM 16 096	74.00	74.90 2625344	Va		0.004
DM 16 096	74.90	75.50 2625345	Va		0.000
DM 16 096	75.50	76.95 2625346	LT		0.001
DM 16 096	76.95	77.55 2625347	LT		0.000
DM 16 096	77.55	79.10 2625348	Va		0.002
DM 16 096	79.10	79.30 2625349	Va		0.000
DM 16 096	79.30	80.12 2625350	Va		0.002
DM 16 096	80.12	81.50 2625351	Va		0.000
DM 16 096	80.25	90.50 2625352	LT		0.001
DM 16 096	99.00	100.20 2625353	LT		0.002
DM 16 096	100.20	100.79 2625354	Va		0.003
DM 16 096	100.79	102.00 2625355	Va		0.000
DM 16 096	102.00	103.35 2625356	Va		0.002
DM 16 096	103.35	104.60 2625357	Va		0.002
DM 16 096	104.60	105.70 2625358	BTm		0.001
DM 16 096	108.92	109.27 2625359	BTm		0.001
DM 16 096	119.15	119.50 2625362	Va		0.005
DM 16 096	119.50	120.95 2625363	Va		0.009
DM 16 096	120.95	121.35 2625364	OV		0.002
DM 16 096	121.35	123.00 2625365	XT		0.019
DM 16 096	123.00	124.50 2625366	XT		0.015
DM 16 096	124.50	125.10 2625367	XT		0.029
DM 16 096	125.10	126.30 2625368	XT		0.008
DM 16 096	143.35	144.00 2625369	Va		0.002
DM 16 096	144.00	144.73 2625370	Va		0.008
DM 16 096	144.73	145.53 2625371	Va		0.005
DM 16 096	154.53	155.59 2625372	Va		0.002
DM 16 096	165.90	166.65 2625373	Va		0.026
DM 16 096	166.65	166.90 2625374	OV		0.006
DM 16 096	166.90	169.23 2625375	Va		0.012
DM 16 096	169.23	169.23 2625376	Va		0.003
DM 16 096	169.23	169.73 2625377	XT		0.049
DM 16 096	169.73	170.73 2625378	XT		0.001
DM 16 096	175.29	176.09 2625379	XT		0.004
DM 16 096	176.09	176.59 2625382	Va	BLD	2.100
DM 16 096	176.59	177.19 2625383	XT		0.009
DM 16 096	177.19	179.70 2625384	XT		0.017
DM 16 096	179.70	179.55 2625385	XT		0.006
DM 16 096	179.55	191.00 2625386	XT		0.030
DM 16 096	199.60	199.95 2625387	XT		0.003

No. of Samples

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Dome Mountain Project

BHID DM-16-087 Grid-X: 53.093.12
Grid-Y: 69.913.76

BHID	FROM	TO SAMPLE	Rocktype	Dmn	AU
DM 16 097	133.90	134.60 2625111	Va		0.016
DM 16 097	134.60	135.90 2625112	Va		0.097
DM 16 097	135.90	137.00 2625113	Va		0.101
DM 16 097	137.00	137.75 2625114	LT		0.017
DM 16 097	144.20	145.05 2625115	LT		0.002
DM 16 097	145.05	145.72 2625116	OV		1.600
DM 16 097	145.72	146.03 2625117	Va		0.019
DM 16 097	146.03	147.00 2625119	LT		0.012
DM 16 097	147.00	147.50 2625119	Va		0.094
DM 16 097	147.50	149.30 2625121	LT		0.002
DM 16 097	150.75	151.64 2625122	LT		0.000
DM 16 097	151.64	152.04 2625123	Va		0.143
DM 16 097	152.04	152.47 2625124	Va		0.020
DM 16 097	152.47	154.00 2625125	LT		0.003
DM 16 097	154.00	154.95 2625126	Va		0.071
DM 16 097	154.95	156.10 2625127	Va		0.022
DM 16 097	156.10	156.87 2625128	LT		0.001
DM 16 097	156.87	157.90 2625129	LT		0.000
DM 16 097	157.90	159.60 2625130	Va		0.005
DM 16 097	159.60	160.00 2625131	Va		0.063
DM 16 097	160.00	161.46 2625133	Va		0.096
DM 16 097	161.46	163.10 2625134	LT		0.004
DM 16 097	163.10	164.65 2625135	LT		0.016
DM 16 097	164.65	165.59 2625136	Va		0.093
DM 16 097	165.59	166.33 2625137	LT		0.002
DM 16 097	170.40	170.95 2625138	Va		0.014
DM 16 097	170.95	171.35 2625139	Va		0.124
DM 16 097	171.35	171.95 2625140	Va		0.031
DM 16 097	174.20	175.23 2625141	Va		0.253
DM 16 097	175.23	176.25 2625142	Va		1.000
DM 16 097	176.25	177.09 2625144	Va		0.803
DM 16 097	184.90	186.10 2625145	Va		0.009
DM 16 097	186.10	186.50 2625146	Va		0.224
DM 16 097	186.50	186.95 2625147	Va		0.064
DM 16 097	186.95	199.05 2625149	OV		12.500
DM 16 097	199.05	199.60 2625149	OV		3.900
DM 16 097	199.60	199.80 199.10 2625150	Va		1.203
DM 16 097	192.79	194.00 2625151	Va		0.072
DM 16 097	194.00	195.24 2625152	Va		0.039
DM 16 097	212.69	213.42 2625153	Va		0.064
DM 16 097	213.42	214.22 2625154	OV		0.042
DM 16 097	214.22	215.30 2625155	OV	BLD	0.404
DM 16 097	215.30	215.93 2625156	AT		0.014
DM 16 097	226.73	227.05 2625157	AT		0.730
DM 16 097	230.00	230.45 2625158	AT		3.300
DM 16 097	239.96	260.60 2625159	AT		0.027
DM 16 097	260.60	261.04 2625160	Va		0.290
DM 16 097	261.04	261.90 2625162	AB		0.142

No. of Samples

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Gavin Mines Inc.

Assay Log

Dome Mountain Project

BHID	DM-16-088	Grid-X:	53.759.30		
		Grid-Y:	69.910.63		
BHID	FROM	TO SAMPLE	Rocktype	Dmin	AU
DM 16 099	70.90	71.30 2625399	LT		0.000
DM 16 099	94.00	95.25 2625399	AT		0.003
DM 16 099	95.25	96.15 2625390	XT		0.010
DM 16 099	96.15	97.15 2625391	XT	HW	0.139
DM 16 099	97.15	99.35 2625392	XT		0.012
DM 16 099	99.35	99.35 2625393	XT		0.002
DM 16 099	99.35	91.40 2625394	XT		0.001
DM 16 099	91.40	91.92 2625395	XT		0.004
DM 16 099	91.92	93.05 2625396	XT		0.014
DM 16 099	93.05	94.00 2625397	LT		0.029
DM 16 099	94.00	95.00 2625398	LT		0.009
DM 16 099	95.00	96.00 2625399	AT		0.005
DM 16 099	96.00	97.10 2625402	AT		0.067
DM 16 099	97.10	99.93 2625403	LT		0.015
DM 16 099	99.93	99.75 2625404	OV	HW	0.134
DM 16 099	99.75	100.75 2625405	XT		0.014
DM 16 099	105.53	106.76 2625406	XT		0.040
DM 16 099	106.76	107.45 2625407	XT		0.014
DM 16 099	107.45	109.25 2625408	OV	BLD	0.495
DM 16 099	109.25	111.30 2625409	Va		0.020
DM 16 099	111.30	112.70 2625410	Va		0.066
DM 16 099	112.70	113.79 2625411	Va		0.001
DM 16 099	113.79	114.12 2625412	Va		0.004
DM 16 099	114.12	116.03 2625413	XT		0.001
DM 16 099	116.03	117.05 2625414	Va		0.013
DM 16 099	117.05	117.50 2625415	XT		0.007
DM 16 099	117.50	117.90 2625416	Va		0.325
DM 16 099	117.90	119.65 2625417	XT		0.001
DM 16 099	119.65	119.50 2625419	OV		0.172
DM 16 099	127.40	129.60 2625419	Va		0.000
DM 16 099	129.60	129.00 2625422	Va		0.323
DM 16 099	129.00	129.30 2625423	Va		0.152
DM 16 099	129.30	130.89 2625424	XT		0.002

No. of Samples

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Gavin Mines Inc.

Assay Log

Dome Mountain Project

BHID	DM-16-089	Grid-X:	53.019.96		
		Grid-Y:	69.797.39		
BHID	FROM	TO SAMPLE	Rocktype	Dmin	AU
DM 16 099	119.05	119.45 2625163	LT	AR	0.194
DM 16 099	139.90	140.04 2625164	LT	HW	0.039
DM 16 099	159.30	159.00 2625165	LT		0.039
DM 16 099	159.00	159.90 2625166	LT		0.011
DM 16 099	159.90	161.00 2625167	LT		0.042
DM 16 099	161.00	162.00 2625168	LT		0.030
DM 16 099	163.90	164.90 2625169	LT		0.005
DM 16 099	164.90	165.15 2625170	Va		0.017
DM 16 099	165.15	165.77 2625171	OV		9.200
DM 16 099	165.77	166.90 2625173	Va		0.296
DM 16 099	166.90	169.00 2625174	Va		0.166
DM 16 099	169.00	169.50 2625175	Va		0.100
DM 16 099	169.50	171.00 2625176	Va		0.245
DM 16 099	171.00	172.59 2625177	Va		0.066
DM 16 099	172.59	173.15 2625179	Va		0.295
DM 16 099	173.15	173.77 2625179	Va		0.024
DM 16 099	197.22	198.00 2625190	Va		0.250
DM 16 099	191.40	191.95 2625191	Va		0.005
DM 16 099	191.95	192.29 2625192	Va		0.413
DM 16 099	192.90	192.95 2625193	OV		9.100
DM 16 099	193.30	194.10 2625194	XT		0.016
DM 16 099	194.10	194.55 2625195	Va		1.500
DM 16 099	194.55	195.44 2625196	Va		0.035
DM 16 099	195.44	196.29 2625199	Va		0.012
DM 16 099	196.29	197.20 2625199	XT		0.012
DM 16 099	199.46	199.99 2625190	Va		0.005
DM 16 099	209.35	209.90 2625191	XT		0.011
DM 16 099	209.90	211.59 2625192	XT		0.005
DM 16 099	211.39	211.90 2625193	XT		0.065
DM 16 099	222.08	223.10 2625194	XT		0.017
DM 16 099	223.10	223.90 2625196	XT		0.005

No. of Samples

31

Gavin Mines Inc.

Assay Log

Dome Mountain Project

BHID DM-16-090 **Grid-X:** 53.914.40
Grid-Y: 69.939.79

BHID	FROM	TO SAMPLE	Rocktype	Dmn	AU
DM 16 090	117.85	119.40 2625425	Va		0.009
DM 16 090	119.40	121.00 2625426	Va		0.002
DM 16 090	121.00	122.25 2625427	Va		0.000
DM 16 090	122.25	122.75 2625428	Va		0.002
DM 16 090	122.75	123.30 2625429	Va		0.000
DM 16 090	123.30	124.80 2625430	Va		0.000
DM 16 090	124.80	126.10 2625431	Va		0.000
DM 16 090	126.10	126.64 2625432	OV		0.001
DM 16 090	126.64	127.24 2625433	Va		0.000
DM 16 090	127.24	129.12 2625434	Va		0.000
DM 16 090	129.12	129.42 2625435	Va		0.009
DM 16 090	129.42	130.16 2625436	Va		0.015
DM 16 090	130.16	131.50 2625437	XT		0.000
DM 16 090	131.50	133.50 2625438	XT		0.000
DM 16 090	133.50	134.60 2625439	XT		0.000
DM 16 090	134.60	135.33 2625442	Va		0.096
DM 16 090	135.33	135.65 2625443	OV		2.500
DM 16 090	135.65	136.35 2625444	OV		0.223
DM 16 090	136.35	136.70 2625445	Va		0.000
DM 16 090	136.70	139.00 2625446	LT		0.001

No. of Samples 20

Gavin Mines Inc.

Assay Log

Dome Mountain Project

BHID DM-16-092 **Grid-X:** 53.914.39
Grid-Y: 69.939.79

BHID	FROM	TO SAMPLE	Rocktype	Dmn	AU
DM 16 092	70.80	71.60 2625447	XT		0.000
DM 16 092	71.80	72.60 2625449	Va		0.000
DM 16 092	72.80	73.35 2625449	Va		0.009
DM 16 092	73.35	73.70 2625430	OV		2.800
DM 16 092	73.70	74.35 2625451	Va		0.027
DM 16 092	74.35	74.97 2625452	Va		0.027
DM 16 092	74.97	75.70 2625453	Va		0.123
DM 16 092	75.70	76.70 2625454	XT		0.002
DM 16 092	76.70	77.85 2625455	XT		0.029
DM 16 092	77.85	79.85 2625456	Va		0.000
DM 16 092	79.85	79.85 2625457	Va		0.000
DM 16 092	79.85	80.89 2625459	Va		0.000
DM 16 092	80.89	92.07 2625459	OV		0.000
DM 16 092	92.07	93.70 2625462	Va		0.004
DM 16 092	93.70	94.70 2625463	LT		0.000
DM 16 092	100.90	101.50 2625464	LT		0.001
DM 16 092	101.90	101.70 2625465	OV		0.000
DM 16 092	101.70	102.70 2625466	LT		0.001

No. of Samples 78

Gavin Mines Inc.

Assay Log

Dome Mountain Project

BHID DM-16-091 **Grid-X:** 52.954.46
Grid-Y: 69.790.96

BHID	FROM	TO SAMPLE	Rocktype	Dmn	AU
DM 16 091	93.80	94.65 2625197	LT		0.239
DM 16 091	94.65	95.50 2625198	LT		0.211
DM 16 091	153.00	153.60 2625199	LT		0.020
DM 16 091	153.60	154.30 2625200	LT		0.011
DM 16 091	210.65	211.50 2625751	Vas		0.010
DM 16 091	211.50	212.15 2625753	Vas		0.046
DM 16 091	212.15	213.00 2625754	XT		0.000
DM 16 091	213.00	213.96 2625755	XT		0.000
DM 16 091	213.96	215.00 2625756	XT		0.000
DM 16 091	215.00	216.35 2625757	XT		0.009
DM 16 091	216.35	217.09 2625759	Va		0.105
DM 16 091	217.09	217.71 2625759	OV		13.800
DM 16 091	217.71	219.10 2625760	XT		0.017
DM 16 091	219.10	219.27 2625761	XT		0.001
DM 16 091	219.27	220.29 2625762	Va		0.014
DM 16 091	220.29	221.10 2625763	Vas		0.069
DM 16 091	221.10	221.60 2625764	Vas		0.142

No. of Samples 17

Gavin Mines Inc.

Assay Log

Dome Mountain Project

BHID DM-16-093 **Grid-X:** 52.954.30
Grid-Y: 69.790.70

BHID	FROM	TO SAMPLE	Rocktype	Dmin	AU
DM 16 093	55.15	55.66 2625765	AT	0.064	
DM 16 093	62.00	62.94 2625766	AT	0.049	
DM 16 093	62.94	63.10 2625767	AT	0.075	
DM 16 093	63.10	63.70 2625768	AT	0.055	
DM 16 093	94.30	95.20 2625770	LT	0.016	
DM 16 093	95.20	96.00 2625771	Vas	0.007	
DM 16 093	96.00	97.00 2625772	LT	0.103	
DM 16 093	97.00	97.90 2625773	LT	0.094	
DM 16 093	97.90	99.69 2625774	Vas	0.477	
DM 16 093	99.69	99.40 2625775	Vas	2.000	
DM 16 093	99.40	90.19 2625777	Vas	0.700	
DM 16 093	90.19	91.30 2625778	LT	0.981	
DM 16 093	91.30	91.89 2625779	Vas	0.065	
DM 16 093	102.97	103.21 2625790	LT	0.150	
DM 16 093	103.21	104.93 2625791	LT	0.019	
DM 16 093	104.93	105.95 2625792	LT	0.294	
DM 16 093	141.80	142.20 2625793	Vas	0.189	
DM 16 093	147.65	148.43 2625794	Vas	1.100	
DM 16 093	148.43	149.32 2625795	Vas	0.020	
DM 16 093	149.32	150.16 2625796	Vas	0.159	
DM 16 093	150.16	151.83 2625797	LT	0.010	
DM 16 093	196.90	199.00 2625799	Vas	0.405	
DM 16 093	199.00	199.15 2625790	Vas	0.401	
DM 16 093	199.15	190.29 2625791	Vas	0.195	
DM 16 093	190.29	190.84 2625792	OV	4.800	
DM 16 093	190.84	191.60 2625793	Vas	0.057	
DM 16 093	191.60	192.15 2625794	Vas	0.102	
DM 16 093	192.15	192.50 2625795	Vas	39.300	
DM 16 093	192.50	193.30 2625796	Vas	0.537	
DM 16 093	193.30	193.83 2625797	Vas	0.209	
DM 16 093	193.83	194.46 2625798	OV	3.700	
DM 16 093	194.46	195.00 2625801	OV	0.149	
DM 16 093	195.00	195.65 2625802	Vas	0.064	
DM 16 093	195.65	197.00 2625803	Vas	0.009	
DM 16 093	197.00	198.40 2625804	XT	0.006	
DM 16 093	198.40	199.90 2625805	XT	0.004	
DM 16 093	199.90	200.37 2625806	Vas	0.161	
DM 16 093	200.37	200.85 2625807	OV	2.500	
DM 16 093	200.85	201.90 2625809	XT	0.034	

No. of Samples

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Gavin Mines Inc.

Assay Log

Dome Mountain Project

BHID DM-16-094 **Grid-X:** 53.576.46
Grid-Y: 69.901.49

BHID	FROM	TO SAMPLE	Rocktype	Dmin	AU
DM 16 094	46.90	49.00 2625467	Va	0.019	
DM 16 094	49.00	49.00 2625468	Va	0.002	
DM 16 094	49.00	50.27 2625469	Va	0.002	
DM 16 094	50.27	52.00 2625470	FT	0.000	
DM 16 094	52.00	53.50 2625471	Va	0.001	
DM 16 094	53.50	55.00 2625472	Va	0.001	
DM 16 094	55.00	55.95 2625473	Va	0.004	
DM 16 094	67.30	69.24 2625474	Va	0.000	
DM 16 094	71.65	71.95 2625475	Va	0.000	
DM 16 094	73.70	73.95 2625476	Va	0.000	
DM 16 094	74.89	74.93 2625477	Va	0.000	
DM 16 094	77.05	77.30 2625479	Va	0.000	
DM 16 094	79.20	90.05 2625479	XT	0.001	
DM 16 094	90.05	90.29 2625492	OV	0.000	
DM 16 094	90.29	91.50 2625493	XT	0.001	
DM 16 094	91.50	93.00 2625494	XT	0.001	
DM 16 094	95.15	96.25 2625495	XT	0.002	
DM 16 094	96.25	97.90 2625496	AT	0.003	
DM 16 094	97.90	99.55 2625497	XT	0.002	
DM 16 094	92.00	92.32 2625498	OV	0.001	
DM 16 094	96.35	97.22 2625499	Va	0.001	
DM 16 094	99.40	99.90 2625490	XT	0.000	
DM 16 094	101.33	101.90 2625491	XT	0.000	
DM 16 094	106.10	106.70 2625492	Va	0.000	
DM 16 094	112.95	113.40 2625493	Va	0.000	
DM 16 094	117.10	117.70 2625494	XT	0.013	
DM 16 094	125.57	126.96 2625495	XT	0.001	
DM 16 094	126.96	127.94 2625496	OV	0.393	
DM 16 094	132.35	133.30 2625497	Va	0.064	
DM 16 094	135.00	136.55 2625498	OV	0.006	
DM 16 094	145.50	146.50 2625499	OV	0.102	
DM 16 094	149.90	151.00 2625502	XT	0.039	
DM 16 094	151.00	152.50 2625503	XT	0.019	
DM 16 094	152.50	154.00 2625504	XT	0.006	
DM 16 094	154.00	154.32 2625505	OV	0.729	
DM 16 094	154.32	156.50 2625506	XT	0.007	
DM 16 094	156.50	159.50 2625507	XT	0.009	
DM 16 094	159.50	160.00 2625508	XT	0.009	
DM 16 094	160.00	161.50 2625509	XT	0.007	
DM 16 094	161.50	163.00 2625510	XT	0.015	
DM 16 094	163.00	164.50 2625511	XT	0.005	
DM 16 094	164.50	166.00 2625512	XT	0.006	
DM 16 094	166.00	167.50 2625513	XT	0.003	
DM 16 094	167.50	169.00 2625514	XT	0.001	
DM 16 094	169.00	170.65 2625515	XT	0.001	
DM 16 094	170.65	171.60 2625516	XT	0.000	
DM 16 094	171.60	171.96 2625517	OV	0.000	
DM 16 094	181.15	192.49 2625519	OV	0.000	
DM 16 094	192.49	193.49 2625519	XT	0.000	
DM 16 094	197.30	199.00 2625522	Va	0.054	
DM 16 094	199.00	199.00 2625523	Va	0.007	
DM 16 094	199.00	190.09 2625524	FT	0.008	
DM 16 094	190.09	191.25 2625525	Va	0.000	

DM 16 094	191.23	192.55	2625526	Va	0.002
DM 16 094	192.55	194.31	2625527	Va	0.003
DM 16 094	220.20	220.45	2625528	OV	0.000
DM 16 094	223.62	225.00	2625529	XT	0.000
DM 16 094	227.00	227.90	2625530	OV	0.041
DM 16 094	230.35	231.30	2625531	OV	0.099
DM 16 094	233.55	234.63	2625532	XT	0.020
DM 16 094	235.40	235.70	2625533	XT	0.009
DM 16 094	236.70	237.00	2625534	XT	0.022
DM 16 094	239.75	239.00	2625535	XT	0.001
DM 16 094	260.00	261.00	2625536	Va	0.006

No. of Samples 64

Gavin Mines Inc.

Assay Log

Dome Mountain Project

BHID DM-16-096 Grid-X: 53.57643
Grid-Y: 69.90207

BHID	FROM	TO SAMPLE	Rocktype	Dmin	AU
DM 16 096	42.23	42.62	2625537	OV	0.000
DM 16 096	49.15	49.60	2625538	OV	0.000
DM 16 096	57.90	59.12	2625539	OV	0.121
DM 16 096	59.30	60.60	2625542	OV	4.200
DM 16 096	61.75	62.50	2625543	OV	1.189
DM 16 096	63.90	64.70	2625544	XT	0.009
DM 16 096	64.70	66.50	2625545	XT	0.001
DM 16 096	91.95	92.35	2625546	LT	0.013
DM 16 096	101.96	103.20	2625547	OV	0.036
DM 16 096	103.20	103.60	2625549	OV	0.010
DM 16 096	103.60	104.07	2625549	OV	0.004
DM 16 096	109.10	109.50	2625530	XT	0.063
DM 16 096	109.50	111.00	2625551	XT	0.235
DM 16 096	111.00	112.65	2625552	XT	0.017
DM 16 096	115.13	117.00	2625553	XT	0.001
DM 16 096	117.00	119.35	2625554	XT	0.013
DM 16 096	119.35	119.65	2625555	XT	0.012
DM 16 096	119.65	121.00	2625556	XT	0.120
DM 16 096	121.00	122.60	2625557	XT	0.039
DM 16 096	122.60	124.00	2625558	XT	0.095
DM 16 096	124.00	125.40	2625559	XT	0.091
DM 16 096	125.40	126.37	2625562	XT	0.073
DM 16 096	126.37	127.57	2625563	XT	0.004
DM 16 096	130.75	132.35	2625564	XT	0.000
DM 16 096	141.30	141.95	2625565	HW	0.012
DM 16 096	159.90	161.45	2625566	Va	0.001
DM 16 096	161.45	163.00	2625567	Va	0.000
DM 16 096	163.00	164.50	2625568	Va	0.002
DM 16 096	164.50	166.00	2625569	Va	0.001
DM 16 096	166.00	167.46	2625570	Va	0.002
DM 16 096	167.46	169.30	2625571	Va	0.001
DM 16 096	169.30	169.65	2625572	Va	0.000
DM 16 096	169.65	170.35	2625573	FT	0.499
DM 16 096	170.35	172.00	2625574	XT	0.000
DM 16 096	172.00	173.50	2625575	XT	0.000
DM 16 096	173.50	174.70	2625576	XT	0.002
DM 16 096	174.70	175.20	2625577	FT	0.272
DM 16 096	175.20	175.60	2625578	OV	7.200
DM 16 096	175.60	176.00	2625579	Va	0.022
DM 16 096	176.00	177.45	2625582	Va	0.005

No. of Samples 29

No. of Samples 40

Gavin Mines Inc.

Assay Log

Dome Mountain Project

BHID	DM-16-097	Grid-X:	52,901.00
		Grid-Y:	69,739.62

BHID	FROM	TO SAMPLE	Rocktype	Dmin	AU
DM 16 097	30.39	31.47 2625934	Va	0.070	
DM 16 097	31.47	32.10 2625935	Va	0.347	
DM 16 097	32.10	32.79 2625936	LT	0.009	
DM 16 097	35.10	35.55 2625937	LT	2.300	
DM 16 097	35.55	36.50 2625938	LT	0.020	
DM 16 097	36.50	37.33 2625940	LT	0.111	
DM 16 097	37.33	39.05 2625941	LT	1.400	
DM 16 097	39.05	39.29 2625942	LT	0.039	
DM 16 097	39.29	40.10 2625943	LT	0.230	
DM 16 097	43.75	44.02 2625944	LT	0.442	
DM 16 097	46.95	47.79 2625945	LT	0.036	
DM 16 097	47.79	49.26 2625946	LT	0.451	
DM 16 097	49.26	49.95 2625947	LT	0.039	
DM 16 097	62.30	62.90 2625949	Vas	0.091	
DM 16 097	62.90	64.20 2625949	LT	0.404	
DM 16 097	64.20	64.60 2625950	OV	1.400	
DM 16 097	64.60	65.10 2625952	LT	0.014	
DM 16 097	97.70	99.20 2625953	LT	0.121	
DM 16 097	99.20	99.55 2625954	LT	0.738	
DM 16 097	217.18	219.05 2625955	FP	0.006	
DM 16 097	221.72	222.04 2625956	Vas	0.075	
DM 16 097	222.04	222.33 2625957	OV	7.000	
DM 16 097	222.33	222.91 2625959	Vas	1.100	
DM 16 097	222.91	223.46 2625960	Va	0.152	
DM 16 097	223.46	224.50 2625961	LT	0.005	
DM 16 097	224.50	225.61 2625963	LT	0.025	
DM 16 097	225.61	226.70 2625964	Vas	0.094	
DM 16 097	226.70	227.80 2625965	Vas	0.008	
DM 16 097	227.80	229.25 2625966	Va	0.018	
DM 16 097	229.25	229.47 2625967	OV	8.700	
DM 16 097	229.47	229.83 2625968	Vas	0.420	
DM 16 097	229.83	229.49 2625969	LT	0.004	
DM 16 097	229.49	230.03 2625970	Vas	0.025	
DM 16 097	230.03	230.90 2625971	XT	0.002	

No. of Samples

34

Gavin Mines Inc.

Assay Log

Dome Mountain Project

BHID	DM-16-098	Grid-X:	53,700.31
		Grid-Y:	69,999.52

BHID	FROM	TO SAMPLE	Rocktype	Dmin	AU
DM 16 098	27.37	29.09 2625593	OV	AR	0.004
DM 16 098	29.09	29.55 2625594	XT		0.000
DM 16 098	31.12	32.70 2625595	AT		0.001
DM 16 098	39.73	40.15 2625596	XT		0.000
DM 16 098	40.15	41.20 2625597	Va		0.001
DM 16 098	41.20	42.00 2625598	Va		0.002
DM 16 098	46.35	47.25 2625599	Va		0.001
DM 16 098	61.92	62.45 2625590	Va		0.001
DM 16 098	64.20	66.00 2625591	BTm		0.000
DM 16 098	66.00	67.35 2625592	BTm		0.077
DM 16 098	67.35	69.14 2625593	BTm		0.001
DM 16 098	79.00	79.30 2625594	Va	HW	0.136
DM 16 098	79.30	90.30 2625595	Va		0.004
DM 16 098	90.95	91.30 2625596	Va		0.003
DM 16 098	94.33	94.66 2625597	Va		0.001
DM 16 098	99.55	101.00 2625599	Va		0.009
DM 16 098	101.00	102.50 2625599	Va		0.069
DM 16 098	102.50	104.00 2625602	Va		0.272
DM 16 098	104.00	105.50 2625603	Va		0.033
DM 16 098	105.50	106.42 2625605	Va		0.004
DM 16 098	106.42	107.35 2625606	Va		0.002
DM 16 098	107.35	109.35 2625607	OV		5.100
DM 16 098	109.35	109.91 2625609	OV		1.400
DM 16 098	109.91	110.90 2625610	Va		0.500
DM 16 098	110.90	111.67 2625611	Va		0.063
DM 16 098	111.67	113.00 2625612	OV		2.700
DM 16 098	113.00	114.57 2625613	Va		0.497
DM 16 098	114.57	116.00 2625614	Va		0.004
DM 16 098	116.00	117.50 2625615	Va		0.002
DM 16 098	117.50	119.00 2625616	Va		0.000
DM 16 098	119.00	120.60 2625617	Va		0.000
DM 16 098	120.60	122.00 2625619	Va		0.000

No. of Samples

33

Gavin Mines Inc.

Assay Log

Dome Mountain Project

BHID DM-16-099 **Grid-X:** 52.940.25
Grid-Y: 69.799.07

BHID	FROM	TO SAMPLE	Rocktype	Dmn	AU
DM 16 099	6.16	6.70	2625972	LT	2.700
DM 16 099	9.95	10.00	2625973	LT	0.045
DM 16 099	12.32	13.05	2625974	Va	0.035
DM 16 099	13.05	14.10	2625976	Va	0.145
DM 16 099	14.10	15.35	2625977	LT	0.004
DM 16 099	15.35	16.35	2625979	Va	0.039
DM 16 099	16.35	17.30	2625979	Va	0.029
DM 16 099	17.30	19.40	2625980	Va	0.012
DM 16 099	19.40	19.10	2625981	Vas	0.297
DM 16 099	32.80	32.93	2625982	LT	1.200
DM 16 099	65.90	66.16	2625983	Vas	0.006
DM 16 099	66.16	67.15	2625984	Va	0.197
DM 16 099	67.15	67.96	2625985	Vas	4.400
DM 16 099	74.72	75.90	2625987	Vas	0.900
DM 16 099	75.90	77.10	2625989	Va	0.227
DM 16 099	81.00	82.20	2625989	Va	0.899
DM 16 099	196.36	197.00	2625990	Vas	0.092
DM 16 099	199.70	200.65	2625991	Va	0.194
DM 16 099	200.65	201.50	2625993	Va	0.021
DM 16 099	201.50	202.77	2625994	Va	0.439
DM 16 099	202.77	203.50	2625995	Vas	0.193
DM 16 099	203.50	204.31	2625996	Va	0.051
DM 16 099	204.31	204.66	2625997	OV	0.880
DM 16 099	204.66	205.77	2625999	Vas	0.146
DM 16 099	205.77	206.49	2625999	OV	1.000
DM 16 099	206.49	207.52	2625901	Vas	0.352
DM 16 099	207.52	209.42	2625902	Vas	5.500
DM 16 099	209.42	209.92	2625903	OV	7.000
DM 16 099	209.92	209.70	2625905	Vas	0.880
DM 16 099	209.70	210.66	2625907	Vas	2.400
DM 16 099	210.66	211.51	2625909	OV	5.800
DM 16 099	211.51	212.10	2625909	Vas	6.500
DM 16 099	212.10	213.10	2625910	Va	0.614
DM 16 099	213.10	214.16	2625911	Va	0.165
DM 16 099	214.16	215.47	2625912	LT	0.031
DM 16 099	215.47	216.19	2625914	Va	0.009
DM 16 099	216.19	216.83	2625915	Va	0.007
DM 16 099	216.83	217.90	2625916	Vas	2.600
DM 16 099	217.90	219.53	2625917	Vas	0.062
DM 16 099	219.53	219.80	2625919	OV	0.139
DM 16 099	219.80	220.24	2625919	Va	0.612
DM 16 099	220.24	221.10	2625920	Va	0.431
DM 16 099	221.10	221.92	2625921	OV	3.100
DM 16 099	221.92	222.92	2625922	Vas	0.597
DM 16 099	222.92	223.64	2625923	Vas	0.543
DM 16 099	223.64	224.61	2625924	Va	0.094
DM 16 099	224.61	225.40	2625925	Va	0.012
DM 16 099	225.40	226.50	2625926	Va	0.002
DM 16 099	226.50	227.50	2625927	Va	0.010
DM 16 099	227.50	229.65	2625928	Va	0.010
DM 16 099	229.65	229.65	2625930	Vas	0.450
DM 16 099	229.65	230.49	2625931	Vas	0.117
DM 16 099	230.49	230.99	2625932	OV	8.400

DM 16 099	230.99	231.90	2625933	Va	0.399
DM 16 099	231.90	232.85	2625934	Va	0.012
DM 16 099	232.85	233.99	2625935	Va	0.029
DM 16 099	233.99	234.90	2625936	Va	0.006
DM 16 099	234.90	235.70	2625937	Vas	0.123
DM 16 099	235.70	236.95	2625938	Vas	0.269
DM 16 099	236.95	239.00	2625939	Vas	0.122
DM 16 099	239.00	239.10	2625940	Vas	0.014
DM 16 099	239.10	240.15	2625942	Vas	0.030
DM 16 099	240.15	241.35	2625943	Va	0.014
DM 16 099	241.35	241.95	2625944	Va	0.050
DM 16 099	241.95	242.45	2625945	Va	0.011
DM 16 099	242.45	243.00	2625946	LT	0.543
DM 16 099	243.00	244.35	2625947	LT	0.006
DM 16 099	244.35	245.75	2625949	LT	0.017
DM 16 099	245.75	246.10	2625950	Vas	0.010
DM 16 099	246.10	247.10	2625951	LT	0.097
DM 16 099	247.10	249.10	2625952	LT	0.007

No. of Samples 71

Gavin Mines Inc.

Assay Log

Dome Mountain Project

BHID DM-16-100 **Grid-X:** 53.700.33
Grid-Y: 69.999.23

BHID	FROM	TO SAMPLE	Rocktype	Dmn	AU	
DM 16 100	14.20	14.55	2625619	AR	EH	0.003
DM 16 100	16.55	16.95	2625622	V/S		0.003
DM 16 100	20.30	20.90	2625623	V/S		0.012
DM 16 100	23.80	24.00	2625624	V/S		0.000
DM 16 100	24.00	24.55	2625625	V/S	AR	0.030
DM 16 100	42.10	43.60	2625626	Va		0.003
DM 16 100	46.65	47.10	2625627	Va		0.001
DM 16 100	59.10	59.00	2625628	Va		0.002
DM 16 100	59.00	60.00	2625629	Va		0.015
DM 16 100	60.00	61.22	2625631	Va		0.010
DM 16 100	65.00	66.00	2625632	Va		0.079
DM 16 100	77.14	79.25	2625633	XT		0.002
DM 16 100	79.25	81.00	2625634	XT		0.000

No. of Samples 13

Gavin Mines Inc.

Assay Log

Dome Mountain Project

BHID	DM-1G-101	Grid-X:	53.279.75
		Grid-Y:	69.713.90

BHID	FROM	TO SAMPLE	Rocktype	Dmin	AU
DM 1G 101	29.00	30.00	2625953	V/S	0.000
DM 1G 101	35.00	36.00	2625954	V/S	0.001
DM 1G 101	36.00	37.00	2625955	V/S	0.000
DM 1G 101	37.00	39.20	2625956	V/S	0.000
DM 1G 101	39.20	39.60	2625957	V/S	0.000
DM 1G 101	40.35	41.51	2625958	Va	0.298
DM 1G 101	41.51	42.20	2625960	Va	0.001
DM 1G 101	42.20	43.10	2625961	Va	0.000
DM 1G 101	60.69	61.00	2625962	AT	0.001
DM 1G 101	61.00	62.00	2625963	Vas	0.012
DM 1G 101	62.00	63.20	2625964	AT	0.001
DM 1G 101	63.20	63.90	2625965	AT	0.002
DM 1G 101	63.90	64.56	2625966	Vas	0.007
DM 1G 101	115.09	115.45	2625967	FT	0.000
DM 1G 101	116.96	119.00	2625968	FT	0.000
DM 1G 101	179.77	179.60	2625969	Va	0.000
DM 1G 101	179.60	190.46	2625970	Va	0.000
DM 1G 101	190.46	191.15	2625971	LT	0.005
DM 1G 101	195.88	196.27	2625973	Vas	0.249
DM 1G 101	209.19	209.55	2625974	Vas	0.076
DM 1G 101	209.55	209.00	2625975	Vas	0.197
DM 1G 101	209.00	209.56	2625976	Vas	0.044
DM 1G 101	220.95	221.20	2625977	XT	0.009
DM 1G 101	221.20	221.46	2625979	OV	5.400
DM 1G 101	264.92	265.85	2625979	Va	0.040
DM 1G 101	265.65	266.66	2625991	Va	0.098
DM 1G 101	266.66	267.15	2625992	Vas	0.049
DM 1G 101	267.15	269.25	2625993	Va	0.002
DM 1G 101	269.25	269.30	2625994	Va	0.019
DM 1G 101	269.30	270.40	2625995	Va	0.006
DM 1G 101	270.40	271.10	2625996	Va	0.002
DM 1G 101	271.10	272.09	2625997	Va	0.001
DM 1G 101	273.30	274.45	2625998	Va	0.014
DM 1G 101	274.45	275.50	2625999	Va	0.006
DM 1G 101	275.50	275.96	2625990	Vas	0.069
DM 1G 101	275.96	277.20	2625992	Va	0.019
DM 1G 101	277.20	279.40	2625993	Va	0.010
DM 1G 101	279.40	279.30	2625994	Vas	0.117
DM 1G 101	279.30	279.66	2625995	OV	2.100
DM 1G 101	279.66	290.50	2625996	Va	0.098
DM 1G 101	290.50	291.20	2625998	LT	0.003

No. of Samples

41

Gavin Mines Inc.

Assay Log

Dome Mountain Project

BHID	DM-1G-102	Grid-X:	53.589.03
		Grid-Y:	69.904.94

BHID	FROM	TO SAMPLE	Rocktype	Dmin	AU
DM 1G 102	25.99	2649 2625935	Va		0.053
DM 1G 102	31.00	3140 2625936	Va		0.004
DM 1G 102	31.40	3193 2625937	OV		2.000
DM 1G 102	31.93	3323 2625938	Va		0.003
DM 1G 102	33.23	3351 2625939	OV		0.017
DM 1G 102	33.51	34.90 2625942	LT		0.002
DM 1G 102	34.90	36.00 2625943	LT		0.001
DM 1G 102	36.00	36.33 2625944	LT		0.008
DM 1G 102	96.00	97.30 2625945	Va		0.025
DM 1G 102	97.30	99.50 2625946	Va		0.007
DM 1G 102	99.50	99.57 2625949	Va		0.009
DM 1G 102	99.57	100.85 2625949	OV		11.200
DM 1G 102	100.85	101.90 2625950	XT		0.009
DM 1G 102	115.35	116.00 2625951	OV		0.047
DM 1G 102	116.00	117.00 2625952	Vas		0.040
DM 1G 102	117.00	119.50 2625953	Va		0.003
DM 1G 102	119.50	119.95 2625954	Va		0.096

No. of Samples

17

Dome Mountain Project

BHID DM-16-103 **Grid-X:** 53.311.90
Grid-Y: 69.933.29

BHID	FROM	TO SAMPLE	Rocktype	Dmn	AU
DM 16 103	91.32	91.77 2626001	Va		1.150
DM 16 103	91.77	92.37 2626002	AB		0.024
DM 16 103	92.37	92.90 2626003	Vas		1.100
DM 16 103	92.90	94.20 2626005	AB		0.001
DM 16 103	94.20	94.74 2626006	Va		0.012
DM 16 103	91.10	92.39 2626007	AB		0.001
DM 16 103	92.39	92.94 2626008	Vas		0.249
DM 16 103	92.94	93.50 2626009	LT		0.023
DM 16 103	151.90	152.35 2626030	XT		0.001
DM 16 103	152.35	152.59 2626031	OV		2.300
DM 16 103	152.59	153.42 2626032	AT		0.001
DM 16 103	155.65	156.10 2626010	Va		0.012
DM 16 103	156.10	156.50 2626011	Vas		0.152
DM 16 103	156.50	157.15 2626013	Va		0.014
DM 16 103	161.20	162.25 2626014	AT		0.172
DM 16 103	162.25	163.36 2626015	AT		0.023
DM 16 103	163.36	164.05 2626016	Vas		0.099
DM 16 103	164.05	165.10 2626019	AT		0.003
DM 16 103	165.10	165.60 2626019	AT		0.294
DM 16 103	165.60	166.45 2626020	AT		0.003
DM 16 103	166.45	166.82 2626021	AT		0.016
DM 16 103	166.82	167.15 2626022	OV		6.300
DM 16 103	167.15	169.62 2626024	AT		0.009
DM 16 103	169.62	169.90 2626025	AT		0.009
DM 16 103	169.90	170.75 2626026	AT		0.007
DM 16 103	170.75	171.30 2626027	Vas		0.211
DM 16 103	171.30	172.20 2626028	LT		0.003
DM 16 103	172.20	172.72 2626029	Va		0.009
DM 16 103	179.00	179.47 2626033	Va		0.684
DM 16 103	179.47	179.10 2626034	XT		0.002
DM 16 103	209.44	209.23 2626035	XT		0.009
DM 16 103	209.23	209.80 2626036	Va	BLD	0.209
DM 16 103	209.80	210.23 2626037	Va		0.004
DM 16 103	210.23	211.25 2626039	LT		0.004
DM 16 103	220.97	221.90 2626040	Vas		0.045
DM 16 103	221.90	222.39 2626041	Vas		0.016
DM 16 103	225.90	226.50 2626042	FP		0.011

No. of Samples

37

Dome Mountain Project

BHID DM-16-104 **Grid-X:** 53.393.03
Grid-Y: 69.905.13

BHID	FROM	TO SAMPLE	Rocktype	Dmn	AU
DM 16 104	22.05	23.05 2629655	LT		0.074
DM 16 104	23.05	24.33 2629656	LT		0.025
DM 16 104	24.33	24.90 2629657	OV		0.900
DM 16 104	24.90	26.20 2629658	Va		0.025
DM 16 104	26.20	27.60 2629659	Va		0.011
DM 16 104	27.60	29.70 2629662	Va		0.009
DM 16 104	53.20	54.60 2629663	Va		0.002
DM 16 104	54.80	55.60 2629664	OV	BLD	0.023
DM 16 104	55.80	57.17 2629665	Va		0.002

No. of Samples

9

Dome Mountain Project

BHID DM-16-105 **Grid-X:** 53.311.45
Grid-Y: 69.933.71

BHID	FROM	TO SAMPLE	Rocktype	Dmn	AU
DM 16 105	55.15	55.96 2626043	AB		0.002
DM 16 105	55.96	56.35 2626044	AB		0.000
DM 16 105	64.70	65.90 2626045	AB		0.000
DM 16 105	70.90	71.90 2626046	AB		0.000
DM 16 105	100.90	101.39 2626047	LT		1.300
DM 16 105	101.39	101.75 2626049	LT		0.005
DM 16 105	114.12	115.55 2626050	LT		0.492
DM 16 105	132.12	132.95 2626051	Va		0.010
DM 16 105	132.95	133.31 2626052	Va		0.392
DM 16 105	133.31	133.74 2626053	OV		31.800
DM 16 105	133.74	134.00 2626055	FT		7.300
DM 16 105	134.00	134.30 2626057	Va		0.009
DM 16 105	134.30	134.95 2626059	Va		0.030
DM 16 105	134.95	135.46 2626059	OV		18.500
DM 16 105	135.46	136.23 2626060	Va		0.051
DM 16 105	136.23	136.51 2626061	Vas		2.000
DM 16 105	136.51	137.23 2626062	Va		0.037
DM 16 105	137.23	139.04 2626064	Va		0.024
DM 16 105	142.77	143.40 2626065	LT	FW	1.200

No. of Samples

19

Gavin Mines Inc.

Assay Log

Dome Mountain Project

BHID DM-16-106

Grid-X:
Grid-Y:53.521.51
69.891.34

BHID	FROM	TO SAMPLE	Rocktype	Dmn	AU
DM 16 106	16.25	19.00 2623669	LT		0.002
DM 16 106	19.00	19.39 2623667	LT		0.004
DM 16 106	19.39	19.73 2623669	OV		1.100
DM 16 106	19.73	21.00 2623669	LT		0.042
DM 16 106	21.00	22.35 2623670	LT		0.044
DM 16 106	22.35	23.15 2623671	LT		0.079
DM 16 106	24.70	25.25 2623672	OV		0.004
DM 16 106	30.60	31.85 2623673	XT		0.046
DM 16 106	45.45	47.00 2623674	LT		0.555
DM 16 106	47.00	49.10 2623675	OV		0.190
DM 16 106	59.60	60.00 2623677	Va	HW	0.329

No. of Samples

Assay Log

Dome Mountain Project

BHID DM-16-107

Grid-X:
Grid-Y:53.640.39
69.899.29

BHID	FROM	TO SAMPLE	Rocktype	Dmn	AU
DM 16 107	24.30	25.19 2629127	Va		0.001
DM 16 107	25.19	26.27 2629129	Va		0.001
DM 16 107	26.27	27.40 2629129	Va	AR	0.038
DM 16 107	31.70	32.35 2629130	Va		0.009
DM 16 107	32.35	33.00 2629131	Va		0.070
DM 16 107	77.07	77.90 2629132	Va		0.006
DM 16 107	90.45	91.25 2629133	Va	BLD	0.172
DM 16 107	93.55	95.00 2629134	Va	FW	0.000
DM 16 107	95.00	95.85 2629136	Va		0.000

No. of Samples

9

Gavin Mines Inc.

Assay Log

Dome Mountain Project

BHID DM-16-108

Grid-X:
Grid-Y:53.440.04
69.923.82

BHID	FROM	TO SAMPLE	Rocktype	Dmn	AU
DM 16 108	10.59	12.00 2623679	Va		0.006
DM 16 108	12.00	13.50 2623679	Va		0.005
DM 16 108	13.50	15.00 2623692	Va		0.005
DM 16 108	15.00	16.00 2623693	Va		0.009
DM 16 108	16.00	17.15 2623694	Va		0.006
DM 16 108	21.70	22.00 2623695	OV		0.146
DM 16 108	22.00	22.65 2623696	Va		0.020

No. of Samples

Assay Log

Dome Mountain Project

BHID DM-16-109

Grid-X:
Grid-Y:53.444.99
69.924.99

BHID	FROM	TO SAMPLE	Rocktype	Dmn	AU
DM 16 109	12.35	14.00 2623697	XT		0.005
DM 16 109	14.00	16.00 2623698	XT		0.014
DM 16 109	51.95	53.90 2623699	XT		0.076
DM 16 109	55.45	56.90 2623690	XT		0.013
DM 16 109	56.90	59.90 2623691	XT	AR	1.400
DM 16 109	59.90	59.50 2623693	XT		0.063
DM 16 109	150.00	153.00 2623694	Va	HW	0.006
DM 16 109	171.90	172.30 2623695	OV		0.015
DM 16 109	172.30	173.25 2623696	XT		0.011
DM 16 109	176.65	179.15 2623697	Va		0.042
DM 16 109	179.15	179.59 2623698	Va		0.064
DM 16 109	197.00	197.50 2623699	OV		13.100
DM 16 109	197.50	199.00 2625702	Va		0.035
DM 16 109	199.00	190.40 2625703	Va		0.109
DM 16 109	190.40	190.75 2625704	OV		13.000
DM 16 109	190.75	192.50 2625705	Va		0.006
DM 16 109	192.50	194.10 2625706	Va		0.006
DM 16 109	196.70	199.00 2625707	Va	FW	0.004
DM 16 109	199.00	199.00 2625708	Va		0.004
DM 16 109	199.00	200.30 2625709	Va		0.000

No. of Samples

20

Gavin Mines Inc.**Assay Log****Dome Mountain Project**

BHID	DM-16-110	Grid-X:	53.444.95
		Grid-Y:	69.924.89

BHID	FROM	TO SAMPLE	Rocktype	Dmin	AU
DM 16 110	29.90	29.50 2625711	XT	0.001	
DM 16 110	95.60	97.00 2625712	Va	0.003	
DM 16 110	97.00	99.75 2625713	Va	0.000	
DM 16 110	99.75	100.00 2625714	Va	0.001	
DM 16 110	100.00	102.00 2625715	Va	0.002	
DM 16 110	107.70	109.00 2625716	Va	0.000	
DM 16 110	109.00	110.20 2625717	Va	0.000	
DM 16 110	110.20	111.70 2625719	Vas	0.000	
DM 16 110	111.70	113.20 2625719	Vas	0.000	
DM 16 110	113.20	114.70 2625722	Vas	0.001	
DM 16 110	114.70	116.40 2625723	Vas	0.001	
DM 16 110	116.40	117.90 2625724	Vas	0.001	
DM 16 110	117.90	119.00 2625725	Vas	0.003	
DM 16 110	149.60	151.10 2625726	Va	0.009	
DM 16 110	151.10	152.60 2625727	Va	0.004	
DM 16 110	152.60	154.10 2625729	Va	0.006	
DM 16 110	154.10	155.60 2625729	Va	0.010	
DM 16 110	155.60	156.75 2625731	Va	0.116	
DM 16 110	156.75	157.30 2625732	OV	1.000	
DM 16 110	157.30	159.21 2625733	Va	0.005	
DM 16 110	159.21	159.75 2625734	Va	0.000	
DM 16 110	159.75	160.75 2625735	Va	0.004	
DM 16 110	160.75	162.00 2625736	LT	0.001	
DM 16 110	162.00	163.60 2625737	LT	0.002	
DM 16 110	163.60	164.90 2625738	Va	0.012	
DM 16 110	164.90	165.25 2625739	Va	0.026	
DM 16 110	165.25	166.75 2625742	Va	0.002	
DM 16 110	166.75	169.00 2625743	Va	0.002	

No. of Samples: 26

Gavin Mines Inc.**Assay Log****Dome Mountain Project**

BHID	DM-16-111	Grid-X:	53.379.63
		Grid-Y:	69.797.61

BHID	FROM	TO SAMPLE	Rocktype	Dmin	AU
DM 16 111	7.70	9.60 2629001	Va	0.005	
DM 16 111	9.60	10.45 2629002	Va	0.001	
DM 16 111	12.75	13.45 2629003	Va	0.001	
DM 16 111	13.45	15.00 2629004	Va	0.000	
DM 16 111	15.00	16.40 2629005	Va	0.000	
DM 16 111	22.95	24.50 2629006	Va	0.004	
DM 16 111	24.50	25.85 2629007	Va	0.000	
DM 16 111	25.85	27.25 2629009	Va	0.001	
DM 16 111	27.25	29.75 2629009	Va	0.001	
DM 16 111	29.75	30.20 2629010	Va	0.001	
DM 16 111	30.20	30.70 2629011	Va	0.030	
DM 16 111	33.90	34.45 2629012	XT	0.067	
DM 16 111	39.90	41.10 2629013	XT	0.005	
DM 16 111	47.95	49.50 2629014	LT	0.007	
DM 16 111	49.50	51.00 2629015	LT	0.006	
DM 16 111	59.90	60.35 2629016	LT	0.001	
DM 16 111	60.35	61.95 2629017	LT	0.000	
DM 16 111	69.52	69.42 2629019	OV	0.009	
DM 16 111	90.26	91.26 2629019	Va	0.039	
DM 16 111	92.99	94.39 2629022	Va	0.002	
DM 16 111	94.38	95.45 2629023	Va	0.006	
DM 16 111	95.45	96.95 2629024	Va	0.003	
DM 16 111	96.95	97.60 2629025	OV	0.001	
DM 16 111	97.60	99.00 2629026	FT	0.002	
DM 16 111	99.00	100.07 2629027	Va	0.001	
DM 16 111	101.92	103.50 2629029	Va	0.096	
DM 16 111	103.50	105.00 2629029	Va	0.029	
DM 16 111	105.00	106.00 2629030	Va	0.002	
DM 16 111	106.00	107.20 2629031	Va	0.001	
DM 16 111	107.45	107.75 2629032	Va	0.013	
DM 16 111	121.75	123.50 2629033	XT	0.006	
DM 16 111	135.12	136.60 2629034	XT	0.001	
DM 16 111	136.60	138.10 2629035	XT	0.004	
DM 16 111	139.10	139.60 2629037	XT	0.016	
DM 16 111	139.60	141.10 2629039	XT	0.020	
DM 16 111	141.10	142.90 2629039	XT	0.052	
DM 16 111	142.90	144.00 2629042	XT	HW 2.900	
DM 16 111	144.00	145.60 2629043	XT	0.035	
DM 16 111	145.60	147.10 2629044	XT	0.006	
DM 16 111	154.98	156.40 2629045	XT	0.006	
DM 16 111	156.40	159.00 2629046	XT	0.002	
DM 16 111	159.00	159.00 2629047	XT	0.496	
DM 16 111	159.00	160.50 2629049	XT	0.011	
DM 16 111	160.50	162.00 2629050	XT	0.104	
DM 16 111	165.30	166.90 2629051	Va	0.030	
DM 16 111	166.90	169.00 2629052	Va	0.015	
DM 16 111	169.00	169.60 2629053	Va	0.043	
DM 16 111	169.60	171.20 2629054	XT	0.451	
DM 16 111	171.20	173.00 2629055	Va	0.007	
DM 16 111	173.00	174.55 2629056	Va	0.004	
DM 16 111	197.35	199.25 2629057	Va	0.002	
DM 16 111	210.60	212.10 2629059	Va	0.079	
DM 16 111	212.10	213.65 2629059	Va	0.002	

DM 16 111	213.65	214.95	2629062	Va	0.290
DM 16 111	214.95	215.22	2629063	OV	1.100
DM 16 111	215.22	216.00	2629064	Va	0.015
DM 16 111	228.65	229.95	2629065	Va	0.001
DM 16 111	229.95	230.20	2629066	OV	0.003

No. of Samples 58

Gavin Mines Inc.

Assay Log

Dome Mountain Project

BHID DM-16-113 **Grid-X:** 53.521.74
 Grid-Y: 69.910.45

BHID	FROM	TO SAMPLE	Rocktype	Dmn	AU
DM 16 113	13.70	15.20	2629102	AT	0.002
DM 16 113	15.20	16.75	2629103	AT	0.007
DM 16 113	16.75	19.15	2629104	AT	0.002
DM 16 113	19.15	19.30	2629105	AT	0.001
DM 16 113	69.45	69.45	2629106	AT	0.003
DM 16 113	75.20	76.00	2629107	Va	AR 0.814
DM 16 113	95.45	96.60	2629108	OV	0.000
DM 16 113	129.75	130.50	2629109	Va	0.002
DM 16 113	133.45	134.70	2629110	Va	0.002
DM 16 113	134.95	136.60	2629111	XT	0.001
DM 16 113	161.10	162.10	2629112	Va	0.004
DM 16 113	162.10	162.70	2629113	Va	0.297
DM 16 113	162.70	164.35	2629114	Va	0.116
DM 16 113	164.35	164.62	2629115	OV	45.800
DM 16 113	164.62	170.95	2629116	Va	0.007
DM 16 113	171.90	172.50	2629117	Va	3.000
DM 16 113	172.50	173.50	2629118	Va	0.002
DM 16 113	177.26	179.40	2629119	Va	0.017
DM 16 113	196.62	197.62	2629122	Va	0.021
DM 16 113	199.95	199.50	2629124	Va	0.219
DM 16 113	191.36	191.90	2629125	Va	3.000
DM 16 113	196.70	197.16	2629126	Va	0.157

No. of Samples 22

Gavin Mines Inc.

Assay Log

Dome Mountain Project

BHID DM-16-112 **Grid-X:** 53.521.62
 Grid-Y: 69.909.42

BHID	FROM	TO SAMPLE	Rocktype	Dmn	AU
DM 16 112	60.00	61.00	2629069	AT	0.006
DM 16 112	74.60	74.90	2629069	Va	0.020
DM 16 112	74.90	75.40	2629070	OV	3.100
DM 16 112	75.40	76.05	2629071	Va	0.200
DM 16 112	90.40	91.65	2629072	XT	0.006
DM 16 112	93.98	94.13	2629073	OV	0.003
DM 16 112	100.20	100.95	2629074	OV	0.004
DM 16 112	102.35	102.90	2629075	OV	0.000
DM 16 112	104.40	105.00	2629076	OV	0.000
DM 16 112	109.35	109.95	2629077	Va	0.003
DM 16 112	112.95	113.25	2629078	Va	0.007
DM 16 112	113.25	114.35	2629079	Va	0.034
DM 16 112	129.90	130.50	2629092	Va	0.069
DM 16 112	130.30	131.60	2629093	Va	1.100
DM 16 112	131.60	132.40	2629094	Va	0.017
DM 16 112	160.10	160.93	2629096	Va	0.391
DM 16 112	160.93	162.00	2629097	Va	0.536
DM 16 112	162.40	162.93	2629099	OV	0.041
DM 16 112	162.93	164.23	2629099	Va	0.270
DM 16 112	164.23	166.00	2629090	Va	0.015
DM 16 112	166.00	167.50	2629091	Va	0.013
DM 16 112	167.30	169.00	2629092	Va	0.009
DM 16 112	169.00	170.50	2629093	Va	1.397
DM 16 112	170.50	172.00	2629094	Va	0.000
DM 16 112	177.00	179.00	2629095	Va	3.800
DM 16 112	196.35	197.00	2629096	Va	0.094
DM 16 112	201.75	202.00	2629097	OV	0.004
DM 16 112	211.95	212.25	2629099	Va	0.020
DM 16 112	215.00	215.65	2629099	Va	0.227

No. of Samples 29



Dome Mountain Project Database

Hole Number: DM-16-079

Drill Hole Log

Grid-X: 653,257.93

Brg: 4.70

Ovb: 27.00

Surveyor: JH-GPS-RTK

Drill: Driftwood Diamond Drilling

Grid-Y: 6,068,785.53

Dip: -70.50

Casing: 27.00

Survey Date: 27-Sep-16

Drill Dates: 15-Jan-16 to 18-Jan-16

Grid-Z: 1,332.87

Depth: 227.00

Recover Casing: yes

Core Size: HQ

Geologist: Rob Boyce

NTS: 93L 077

Claim: 0

Area: DOME MOUNTAIN

Log Dates: 18-Jan-16 to 20-Jan-16

Target: Argillite and Boulder veins

Comments: Original hole DM16-79 at -69 degrees abandoned in OVB. Driftwood records called this replacement hole DM16-79A. Block error (173m duplicated) lengthened hole by 3m.

Lithology						Alteration				Mineralization				Structure								
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
0.00	27.00	27.00	OB																			
27.00	43.02	16.02	V/S	G-G	Tuffaceous argillite. Well-pfr'd, esp 36 - 40m & 41.8 - 43.02. Voids due to corroded Cb. Carbonaceous and pyritic (dism and in laminae). Local gouge.																	
27.00	43.02	16.02						27.00	43.02	Grph	Bn		27.00	43.02	Py	2	Local py-coated frcs					
43.02	43.93	0.91	NC																			
43.93	44.95	1.02	AT	G-B	Ground core at footage block. Gouged and voids due to Cb dissolving out of irreg Qz-Cb strds up to 2cm (some at 20 degrees TCA).																	
44.55	44.60	0.05																44.55	44.60	Flt	15	minor vein-/, clayey
44.95	48.80	3.85	V/S	GRY	Similar to V/S unit uphole, but less carbonaceous and pyritic. Bedding more regular. Broken/rubby 45 - 47m. Gradational downhole contact, with incr downhole bleaching and qz-cb strds.																	
45.40	45.40	0.00																45.40	45.40	Flt	55	slickensided
47.20	48.80	1.60																47.20	48.80	Bd	35	
48.80	50.78	1.98	Vas	G-B	Bleached, with irreg, vuggy Qz-Cb stringers. Qz-Cb-Sul veins to 2cm, at 35% TCA.																	

Lithology							Alteration					Mineralization					Structure							
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
50.00	50.28	0.28												50.00	50.28	Sph	0							
50.00	50.28	0.28												50.00	50.28	Py	3							
50.00	50.28	0.28												50.00	50.28	Cp	2							
50.77	50.78	0.01																	50.77	50.78	Cn	35	Downhole contact sharp	
50.78	52.61	1.83	QV	VAR			Argillite vein: 2 qz-cb-sul bands with central Va. Irregular poddy/banded sulphides.																	
50.78	51.28	0.50												50.78	51.28	Cp	2							
50.78	51.28	0.50												50.78	51.28	Sph	1							
50.78	51.28	0.50												50.78	51.28	Py	5							
51.28	52.22	0.94	Va	BLE			QVs irreg 55, mostly barren																	
52.22	52.61	0.39												52.22	52.61	Cp	0							
52.22	52.61	0.39												52.22	52.61	Py	1							
52.22	52.61	0.39												52.22	52.61	Sph	1							
52.60	52.61	0.01																	52.60	52.61	LC	40	downhole contact sharp, irreg	
52.61	55.19	2.58	Va	BLE			Altered Ash Tuff. Gradational downhole contact with increasing qz-cb stringers at 60 degrees TCA																	
55.19	63.00	7.81	AT	MAR																				
55.19	65.46	10.27												55.19	65.46	Cb	Pch	Mod						
63.00	70.35	7.35	AT	GRN			Wk-mod chl(py)-altered, with a few irreg banded qz-cb-sul veins to 5cm: 65.46 - 65.70m, 67.38 - 67.55m & 69.22 - 69.27m.																	
63.00	70.35	7.35																						
63.00	70.35	7.35												63.00	70.35	Py	0							
63.00	70.35	7.35												63.00	70.35	Cp	0							
63.00	70.35	7.35												63.00	70.35	Sph	0							
70.34	70.35	0.01																	70.34	70.35	LC	25	sharp	
70.35	73.60	3.25	QV	WHT			Uncorrelated vein mainly qz with coarse blebbly pale sphalerite. Downhole contact broken, with some banding at 15 degrees TCA.																	
70.35	74.60	4.25												70.35	74.60	Sph	3	minor amount sphalerite is metallic						
70.35	74.60	4.25												70.35	74.60	Py	2							

Lithology							Alteration				Mineralization					Structure								
From	To	Len	Rk	Type	Minor	Color	Description			From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
70.35	74.60	4.25												70.35	74.60	Cp	0							
73.60	74.20	0.60	Va	G-B	Weakly bleached																			
74.20	76.87	2.67	LT	MAR	Gradational to ash tuff, some greenish fragments. Broken, gougy downhole contact.																			
74.20	76.87	2.67																	74.20	76.87	Aln	65		
76.87	77.81	0.94	Va	BLE	Pale green ash tuff. Alteration decreases downhole. Broken (fault?) contact.																			
77.80	77.81	0.01																	77.80	77.81	LC	75	broken, fault?	
77.81	78.23	0.42	QV	VAR	Banded Qz-Sul vein with greenish siliceous bands/lenses. Downhole contact irregular.																			
77.81	78.23	0.42												77.81	78.23	Py	5							
77.81	78.23	0.42												77.81	78.23	Sph	2							
77.81	78.23	0.42																	77.81	78.23	Bn	75		
78.23	79.42	1.19	Va	GRN																				
79.42	85.12	5.70	AT	M-G	Ash tuff, locally variable to lapilli tuff. Generally green uphole and maroon downhole. Downhole contact minor fault at 65 degrees TCA.																			
79.42	85.12	5.70																	79.42	85.12	Aln	60		
85.12	120.14	35.02	AT	MAR	Ash Tuff, locally varied to lapilli tuff. Maroon to brick-colour with less-common green due to chlorite or epidote. Local irreg qz-cb strss without sulphides.																			
85.12	117.00	31.88												85.12	117.00	Cb	Pch	Mod						
93.65	93.81	0.16																	93.65	93.81	Aln	80		
100.50	102.20	1.70																	100.50	102.20	Aln	70		
108.60	109.30	0.70																	108.60	109.30	Aln	45		
109.40	111.00	1.60	Va	GRN	patchy bleaching																			
120.14	123.22	3.08	Va	GRN	Patchy chl-ep alteration with 8% irreg qz(cb-chl) veins to 3cm, commonly at 65 degrees TCA																			
120.14	123.22	3.08												120.14	123.22	Ep	Mtx	Str						

Lithology							Alteration				Mineralization				Structure								
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
123.22	129.05	5.83	AT	MAR			Ash tuff transitional to lapilli-size fragments. Carbonate altn predominates in centre, chloritic uphole and downhole. Cb patches/replacement blobs roughly align at 50 degrees TCA.																
123.55	125.30	1.75							123.55	125.30	Cb	Pch	Mod										
129.05	129.63	0.58	Va	GRN			Chloritic-siliceous altn, incr downhole, with spotty green mica near downhole end. Downhole contact broken at 75 degrees TCA.																
129.62	129.63	0.01																129.62	129.63	LC	75		
129.63	132.77	3.14	QV	WHT			Quartz vein with pyrite bands/blebs, and some matrix ep-green mica. Locally vuggy, but only minor cb. Central portion (129.90 - 130.35m & 130.96 - 131.30m) mainly bull quartz. Downhole contact on fault at 50 degrees. TCA.																
129.63	132.77	3.14							129.63	132.77	Py	3		129.63	132.77			ragged bands and cumulates					
129.63	132.77	3.14							129.63	132.77	Sph	0		129.63	132.77	Cp	0						
129.63	132.77	3.14																129.63	129.90	Bn	70		
129.63	129.90	0.27																132.75	132.77	Flt	75	2cm white clay on downhole contact	
132.75	132.77	0.02																					
132.77	133.54	0.77	Va	M-G			Patchy maroon and green. Cb stringers and 2cm breccia at uphole end. Downhole contact on minor fault at 70 degrees TCA.																
133.54	159.04	25.50	AT	MAR					133.54	159.04	Cb	Str	Mod										
133.54	159.04	25.50																					
135.56	136.03	0.47	Va	G-B																			
138.40	139.75	1.35	Va	G-B			139.13 - 139.21m: banded, intergrown qz-cb vein @ 70 degrees TCA, with chl lenses and minor disseminated pyrite																
159.04	163.16	4.12	Va	BLE																			

Lithology							Alteration					Mineralization					Structure						
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
159.04	163.16	4.12							159.04	163.16	Cb	Str	Wk										
161.06	161.82	0.76		Vas	BLE		random and curved Qz-py veins to 3cm																
161.06	161.82	0.76												161.06	161.82	Gn	0						
161.06	161.82	0.76												161.06	161.82	Py	3						
163.16	163.85	0.69	69	Vas	BLE		Banded with qz-cb-py veinlets & stringers. 163.50m: ground core-ends.																
163.16	163.85	0.69												163.16	163.85	Py	0						
163.60	163.84	0.24												163.60	163.84	Bn	50						
163.84	163.85	0.01												163.84	163.85	LC	55	sharp					
163.85	164.94	1.09	QV	WHT			White qz with irreg sulphide stringers, blebs and minor disseminations. Possibly Boulder Vein?																
163.85	164.94	1.09												163.85	164.94	Cp	0						
163.85	164.94	1.09												163.85	164.94	Sph	1						
163.85	164.94	1.09												163.85	164.94	Py	2						
164.93	164.94	0.01												164.93	164.94	LC	45	Minor fault					
164.94	173.42	8.48	AT	BRN			Maroon-grey-brown ash tuff. Local qz and/or cb stringers and small bleached zones. Downhole contact gradational.																
167.80	168.05	0.25	Va	BLE			contorted banding and 5mm x 3cm bleb of 20% chalcopyrite																
168.04	168.05	0.01												168.04	168.05	Cp	20						
172.60	172.70	0.10	QV	WHT			irreg bull qz 10cm																
173.42	176.05	2.63	Va	G-B			bleached greenish-buff ash tuff. Irreg qz(cb) stringers commonly at 60 degrees to core axis, with local blebby or disseminated py, overall 5-10% of section.																
174.72	174.96	0.24	Vas	BLE										174.72	174.96	Py	2						
174.72	174.96	0.24																					
175.86	176.05	0.19	Vas	BRN										175.86	176.05	Py	3						
175.86	176.05	0.19												176.04	176.05	LC	50	sharp					
176.04	176.05	0.01																					

Lithology						Alteration				Mineralization				Structure											
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments		
176.05	176.92	0.87	QV	VAR	Tentatively assigned to Boulder Vein. White qz with minor carbonate, and irreg bands/stringers and crystals sulphides. Sharp downhole contact at 50 degrees TCA.																				
176.05	176.92	0.87												176.05	176.92	Py	3	blebs, aggregates and disseminated							
176.05	176.92	0.87												176.05	176.92	Gn	0								
176.05	176.92	0.87												176.05	176.92	Sph	0								
176.91	176.92	0.01																	176.91	176.92	LC	50	sharp		
176.92	179.60	2.68	Va	GRN	irreg qz stringers with local pyrite														179.57	179.60	LC	40	contact on minor clay fault		
179.57	179.60	0.03																							
179.60	180.00	0.40	QV	WHT	White qz(cb) vein with ragged bands py with minor sphalerite; 1cm central band contains 5% chalcopyrite. 30% of section is altered wallrock lenses at 50 degrees and 15 degrees TCA.																				
179.60	180.00	0.40												179.60	180.00	Sph	0								
179.60	180.00	0.40												179.60	180.00	Py	2								
179.60	180.00	0.40												179.60	180.00	Cp	0								
180.00	180.80	0.80	Va	GRN	Pale to med green altered ash tuff. 2% qz-cb veinlets with minor pyrite.																				
180.00	180.80	0.80												180.00	180.80	Py	0								
180.80	191.09	10.29	AT	GRN	Green to local grey or brown. Flattened ash fragments aligned at 50 to 60 degrees. Few random, irreg qz-cb veins with minor pyrite.																				
180.80	191.09	10.29																	180.80	191.09	Aln	55			
185.68	186.83	1.15	Va	GRN																					
189.02	189.20	0.18	Va	BLE																					
191.09	193.23	2.14	Vas	G-B	Pale greenish to buff altered ash tuff with stockwork 12% qz-cb containing minor pyrite.																				
191.09	193.23	2.14												191.09	193.23	Py	2								

Lithology							Alteration				Mineralization				Structure										
From	To	Len	Rk	Type	Minor	Color	Description				From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
191.61	192.27	0.66		Vas	WHT		Section is 60% multiphase qz-cb stwl with chloritic (py) matrix. This is not a qz vein as in the Boulder type.																		
193.23	224.00	30.77	AT		GRY		Ash tuff, locally variable to lapilli tuff. Colour varies from maroon uphole to maroon-grey downhole, and green-grey 215.5 - 218.5m.																		
194.07	194.29	0.22		Vas	BLE															194.07	194.29	Bn	80		
194.07	194.29	0.22																							
212.20	214.65	2.45		LT	MAR																				
214.75	215.06	0.31		LT	MAR																				



Dome Mountain Project Database

Hole Number: DM-16-080

Drill Hole Log

Grid-X: 653,699.63

Brg: 0.00

Ovb: 39.00

Surveyor: JH-GPS-RTK

Drill: Driftwood Diamond Drilling

Grid-Y: 6,068,754.57

Dip: -65.00

Casing: 12.00

Survey Date: 27-Sep-16

Drill Dates: 13-Jan-16 to 19-Jan-16

Grid-Z: 1,249.46

Depth: 348.00

Recover Casing: yes

Core Size: HQ

Geologist: Mathias Westphal

NTS:

Claim: 0

Area: DOME MOUNTAIN

Log Dates: 16-Jan-16 to 19-Jan-16

Target:

Comments:

Lithology						Alteration					Mineralization					Structure										
From	To	Len	Rk	Typ	Minor	Color	Description					From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
0.00	39.00	39.00	OB																							
39.00	50.10	11.10	AR				BLK																			
39.00	39.60	0.60																								
39.00	50.10	11.10																								
39.00	39.60	0.60																								
39.60	50.10	10.50																								
39.60	41.00	1.40																								
41.00	50.10	9.10																								
50.10	63.90	13.80	LT				MAR	Lapilli and rounded clasts up to 10cm																		
50.10	63.90	13.80																								
50.10	63.90	13.80																								
63.90	66.70	2.80	XT				MAR																			
63.90	66.70	2.80																								
63.90	66.70	2.80																								
66.70	69.50	2.80						sharp contact to upper LT with Ash tuff layer and Xt on top of this unit.																		
66.70	69.50	2.80	LT				M-G																			
66.70	69.50	2.80																								
66.70	69.50	2.80																								
69.50	82.10	12.60																								
69.50	82.10	12.60	LT				MAR	AT and XT at the top of this unit with sharp contact to overlying LT																		
69.50	82.10	12.60																								
69.50	82.10	12.60																								

Lithology						Alteration				Mineralization				Structure									
From	To	Len	Rk	Type	Minor Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
69.50	82.10	12.60																69.50	82.10	Frc	5		
69.50	82.10	12.60																					
82.10	86.20	4.10	BTm	MAR		AT and bedded tuff with sharp contact to overlying LT. Transition within the unit to LT.																	
82.10	89.20	7.10										82.10	89.20	Cb	Vn	Mod							
82.10	89.20	7.10																					
86.20	89.20	3.00	LT	MAR		sharp contact to overlying LT. 20 cm green XT at bottom with sharp contact to underlying unit.																	
86.20	89.20	3.00										86.20	89.20	Cb	Vn	Int							
86.20	89.20	3.00																					
89.20	99.30	10.10	LT	MAR		Lapilli and rounded clasts up to 10 cm. Contact to underlying XT transitional over 2cm.																	
89.20	99.30	10.10										89.20	99.30	Cb	Vn	Mod							
89.20	99.30	10.10																					
99.30	104.30	5.00	XT	M-G		strongly welded tuff, rare fractures. Rare clasts <3cm.																	
99.30	104.30	5.00										99.30	104.30	Cb	Vn	Wk							
99.30	104.30	5.00																					
104.30	114.20	9.90	LT	MAR		Lapilli <2.5cm, contact sharp on both sides, lower contact to green AT																	
104.30	114.20	9.90										104.30	114.20	Cb	Stwk	Mod							
104.30	114.20	9.90																					
114.20	116.30	2.10	AT	G-G								114.20	116.30	Cb	Vn	Pre							
114.20	116.30	2.10																					
116.30	128.95	12.65	BTm	MAR		AT, XT and LT beddings						116.30	128.95	Cb	Stwk	Int							
116.30	128.95	12.65										116.30	128.95	Cb	Stwk	Pre							
116.30	128.95	12.65																					
128.95	134.40	5.45	AT	MAR		AT mixed with XT						128.95	134.40	Cb	Stwk	Int							
128.95	134.40	5.45																					
128.95	134.40	5.45																					
134.40	151.50	17.10	XT	G-M		green tuff with patchy maroon parts																	
134.40	151.50	17.10										134.40	151.50	Cb	Vn								

Lithology						Alteration				Mineralization				Structure											
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments		
134.40	151.50	17.10							134.40	151.50	Cb	Vn	Pre							134.40	151.50	Frc	30		
134.40	151.50	17.10							151.50	160.70	Cb	Vn	Mod							151.50	160.70	Frc	90		
151.50	160.70	9.20	XT			GRN			151.50	160.70	Blch	Vn								151.50	160.70	Frc	90		
151.50	160.70	9.20							160.70	178.80	M-G	maroon and green interlayers of XT								160.70	178.80	Frc	30		
160.70	178.80	18.10	XT						160.70	178.80	Cb	Vn	Mod							160.70	178.80	Frc	30		
160.70	178.80	18.10							178.80	195.80	G-M	green and maroon intersections, Qtz-Cc veins with py, cubes <2mm and stringers, disseminated at 183.7m								178.80	195.80	Frc	90		
178.80	195.80	17.00	Va						178.80	195.80	Cb	Vn	Mod							178.80	195.80	Frc	30		
178.80	195.80	17.00							178.80	195.80	Qz	Vn	Mod							178.80	195.80	Frc	90		
178.80	195.80	17.00							178.80	195.80	Py	Vn	Mod							178.80	195.80	Frc	90		
178.80	195.80	17.00							178.80	195.80	Py	5	veins seem to be related to green host tuff								178.80	195.80	Frc	90	
178.80	195.80	17.00							195.80	200.60	Va	BLE	Bleached XT with LT on the bottom with clasts and lapilli <4cm								178.80	195.80	Frc	90	
195.80	200.60	4.80	Va						195.80	200.60	Blch		Int							195.80	200.60	Frc	45		
195.80	200.60	4.80							200.60	203.00	Cb	Vn	Int							200.60	203.00	Frc	45		
200.60	203.00	2.40	XT			GRN			203.00	205.20	G-G	reworked XT and LT with clasts <10cm								203.00	205.20	Frc	45		
203.00	205.20	2.20	TB						203.00	205.20	Blch		Int							203.00	205.20	Frc	45		
203.00	205.20	2.20							205.20	241.60	G-M	AT 30cm at top of the unit								205.20	241.60	Frc	45		
205.20	241.60	36.40	XT						241.60	241.95	MAR	Cy	Gg							241.60	241.95	Flt	60		
241.60	241.95	0.35							241.60	241.95										241.60	241.95	Flt	60		
241.60	241.95	0.35							241.95	249.40	Cb	Vn	Mod							241.95	249.40	Frc	90		

Lithology						Alteration				Mineralization				Structure										
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
241.95	249.40	7.45																	241.95	249.40	Frc	30		
249.40	251.20	1.80	FT	MAR					249.40	251.20	Cy	Gg												
249.40	251.20	1.80																						
251.20	263.95	12.75	Va	M-G			Alternating maroon and green XT. Qtz-Cal veins are partially resolved, leaving a vuggy structure. Chl in the veins indicated hot circulating water causing break down of bt to chl. The hot water might be channeled through a major fault below this unit. Ther		251.20	263.95	Cb	Vn	Mod											
251.20	263.95	12.75							251.20	263.95	Cy	Vn												
251.20	263.95	12.75							251.20	263.95	Chl	Vn	Pre											
251.20	261.40	10.20																	251.20	261.40	Frc	80		
261.40	261.50	0.10																	261.40	261.50	Flt			
261.50	263.95	2.45																	261.50	263.95	Frc	80		
263.95	264.75	0.80	FT	G-M					263.95	264.75	Cy	Gg												
263.95	264.75	0.80																	263.95	264.75	Flt	45	?	
263.95	264.75	0.80																						
264.75	290.40	25.65	Va	MAR			Hem lining of crackles and qtz-cal veins indicate oxidizing conditioning below the fault. Vuggy veins w/ hem and chl above the fault below at 287.5m.																	
264.75	287.50	22.75							264.75	287.50	Cb	Vn	Mod											
264.75	287.50	22.75							287.50	290.40	Cy	Gg	Pre											
287.50	290.40	2.90																	264.75	287.50	Frc	80		
287.50	290.40	2.90																	287.50	290.40	Flt			
290.40	291.70	1.30	FT	MAR					290.40	291.70	He	Gg												
290.40	291.70	1.30							290.40	291.70	Cy	Gg	Int											
290.40	291.70	1.30																	290.40	291.70	Flt			
291.70	306.95	15.25	XT	MAR			XT unit of strong welded Tuff.		291.70	306.95	Cb	Vn	Pre											
291.70	306.95	15.25							291.70	306.95	Blch	Vn												
291.70	306.95	15.25																	291.70	306.95	Frc	90	weak, welded tuff	
306.95	310.20	3.25	XT	M-G					306.95	310.20	Blch	Vn	Mod											
306.95	310.20	3.25							306.95	310.20	Cb	Vn	Mod											
306.95	310.20	3.25																						

Lithology						Alteration				Mineralization				Structure									
From	To	Len	Rk	Type	Minor Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
306.95	307.50	0.55															306.95	307.50	Frc	80			
307.50	307.60	0.10															307.50	307.60	Flt	60			
307.60	310.20	2.60															307.60	310.20	Frc	80			
310.20	315.60	5.40	XT	MAR		some fiamme and lapilli 50 cm above contact to underlying LT. Lower contact 10cm w/ clay.																	
310.20	315.50	5.30										310.20	315.50	Cb	Vn	Int							
310.20	315.50	5.30															310.20	315.50	Frc	80	80 intense, like slices in part		
315.50	315.60	0.10										315.50	315.60	Cy	Perv								
315.50	315.60	0.10															315.50	315.60	Cn	80			
315.60	318.30	2.70	LT	M-G		Lapilli <1cm, fiamme						315.60	318.30	Cb	Vn	Int							
315.60	318.30	2.70															315.60	318.30	Frc	80			
315.60	318.30	2.70															318.30	320.30	Frc	80			
318.30	320.30	2.00	XT	G-M								318.30	320.30	Cb	Vn	Mod							
318.30	320.30	2.00															320.30	323.10	Frc	45			
318.30	320.30	2.00															320.30	323.10	Frc	45			
320.30	323.00	2.70	Va	GRN								320.30	323.10	Cb	Perv	Mod							
320.30	323.10	2.80										320.30	323.10	Blch	Perv	Mod							
320.30	323.10	2.80															323.00	323.38	Cp				
323.00	323.38	0.38	QV		Boulder vein (?)							323.00	0.00	Qz	Vn								
323.00	0.00	# #####															323.00	0.00	Frc	45			
323.00	323.38	0.38															323.38	324.25	Frc	80			
323.00	0.00	# #####															324.25	326.50	Frc	45			
323.38	324.25	0.87	Va	GRN								323.38	324.25	Blch	Perv	Mod							
323.38	324.25	0.87										323.38	324.25	Cb	Perv	Pre							
323.38	324.25	0.87															324.25	326.50	Frc	45			
324.25	327.00	2.75	XT	MAR								324.25	327.00	Cb	Vn	Mod							
324.25	327.00	2.75															326.50	326.60	Flt	45			
324.25	326.50	2.25															326.60	327.00	Frc	80			
326.50	326.60	0.10															327.00	348.00	Frc	80			
326.60	327.00	0.40															327.00	348.00	Frc	80			
327.00	348.00	21.00	XT	MAR	welded tuff w/ veins, bands and stringer of qtz-car veins <1cm							327.00	348.00	Cb	Vn	Pre							
327.00	348.00	21.00															327.00	348.00	Frc	80			
327.00	348.00	21.00															327.00	348.00	Frc	80			



Dome Mountain Project Database

Hole Number: DM-16-081

Drill Hole Log

Grid-X: 653,201.92

Brg: 7.90

Grid-Y: 6,068,795.66

Dip: -77.90

Grid-Z: 1,345.29

Depth: 221.00

NTS: 93L 077

Claim: 0

Target: Argillite and Boulder Veins

Ovb: 15.25

Casing: 15.00

Recover Casing: yes

Area: DOME MOUNTAIN

Surveyor: JH-GPS-RTK

Survey Date: 27-Sep-16

Core Size: HQ

Drill: Driftwood Diamond Drilling

Drill Dates: 19-Jan-16 to 21-Jan-16

Geologist: Rob Boyce

Log Dates: 21-Jan-16 to 23-Jan-16

Comments: Drilled from Pad 8. Argillite Vein not recognized. HW vein (186.3 - 188.08m) and Boulder Vein (193.41 - 194.11m) very weak, represented by stringers in altered zone. Azimuth from downhole surveys is off several degrees clockwise from planned north.

Lithology						Alteration				Mineralization				Structure								
From	To	Len	Rk	Typ	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
0.00	15.25	15.25	OB				Overburden to 15.25m. Casing to 15m.															
15.25	18.64	3.39	AT	GRN			Ash Tuff with wk-mod chl altn and 2mm qz-cb veins. Sharp downhole contact.															
15.25	18.64	3.39						15.25	18.64	Chl	Perv	Mod										
15.25	18.64	3.39						15.25	18.64	Cb	Perv	Wk										
15.25	18.63	3.38																15.25	18.63	Vn	40	cb veins 5/m
18.63	18.64	0.01																18.63	18.64	LC	55	sharp
18.64	20.60	1.96	LT	G-G			Lapilli Tuff with angular/flattened fragments to 3cm. 40% of section is ash tuff with few lapilli. Downhole contact on broken, oxidized, vuggy qz vein.															
18.64	20.60	1.96						18.64	20.60	Ser	Perv	Wk										
18.64	20.60	1.96						18.64	20.60	Chl	Perv	Mod										
18.64	20.59	1.95																18.64	20.59	Aln	55	
20.59	20.60	0.01																20.59	20.60	LC	65	
20.60	21.15	0.55	NC																			
21.15	23.40	2.25	AT	G-G			Ash Tuff, transitional to crystal tuff. Oxidized and broken, with ground core 21.15 - 21.75m, with qz-cb stwk/breccia.															
21.15	23.40	2.25						21.15	23.40	Ser	Perv	Wk										
21.15	23.40	2.25						21.15	23.40	Oxid	Perv	Mod										
23.40	24.00	0.60	NC				Ground-up ends of core															

Lithology						Alteration				Mineralization				Structure									
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
24.00	28.09	4.09	AT	G-G	Ash Tuff with local common rndd/angular fragments to 6mm																		
28.09	37.95	9.86	LT	GRY	Lapill Tuff with common ashy sections and matrix. Lapill commonly 1 - 2cm subrounded, up to 6cm at 28.15 - 28.5m. Variable alteration and fracturing. Incr chl and green at downhole end. Rubble 28.7 - 29.0m and well-fractured 30.0 - 32.4m with poor recovery.																		
28.09	29.10	1.01							28.09	29.10	Ser	Perv	Str										
28.09	33.00	4.91							29.10	34.20	Ser	Pch	Mod						28.09	33.00	Aln	70	
29.10	34.20	5.10							29.10	34.20	Oxid	Pch	Wk										
29.10	34.20	5.10							34.20	37.95	Chl	Mtx	Mod										
34.20	37.95	3.75																	35.48	35.50	Flt	50	CLAY GOUGE
35.48	35.50	0.02																					
37.95	38.22	0.27	FT	G-G	Clay-chl gouge and rubble at 40 degrees TCA, ground core ends. 50% recovery. Uphole contact at 40 degrees, downhole contact at 70 degrees.																		
38.22	38.40	0.18	V/S	BLK	Siliceous (uphole) to sericitic (downhole) black to olive-black, carbonaceous fragmental rock. Gradational downhole contact.																		
38.40	45.12	6.72	LT	GRN	Green to green-grey Lapilli Tuff with subrounded to flattened fragments commonly 1 - 2cm, locally to 4 cm. Sericitic near uphole end, chl increases downhole.																		
38.40	45.12	6.72							38.40	45.12	Cb	Perv	Wk										
38.40	45.12	6.72							38.40	45.12	Chl	Perv	Mod										
38.40	45.12	6.72							38.40	45.12	Ser	Perv	Wk										
45.12	45.56	0.44	FT	G-G	Green to greyish clay-chl gouge, broken at uphole end, gouge on 1cm cb vein at downhole end.													38.40	45.12	Aln	60		
45.54	45.56	0.02																45.54	45.56	Flt	50		

Lithology							Alteration				Mineralization				Structure												
From	To	Len	Rk	Typ	Minor	Color	Description				From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments		
45.56	55.00	9.44	XT	G-B			Green to green-brown to green-grey to locally maroon Crystal Tuff, locally appearing as Ash Tuff. Oval cb blobs, vermiciforms & amoeboids 2 - 5mm give appearance of amygdales. Downhole contact arbitrary, appears to grade into Ash Tuff.																				
45.56	55.00	9.44									45.56	55.00	Chl	Perv	Mod												
45.56	55.00	9.44									45.56	55.00	Cb	Perv	Mod												
45.56	55.00	9.44									45.56	55.00	Ep	Perv	Wk												
55.00	85.64	30.64	AT	GRN			Green to grey-green to brownish Ash Tuff with fragments commonly angular, up to 3mm. Fragments locally flattened & strongly-aligned at 55 degrees TCA (welded?). Maroon-grey 55.8 - 71.8m with increased cb stringers. Irreg barren cb-qz(chl) sheeting/stwk up to 3cm at 61.02- 61.10m, 72.75 - 73.03m, 76.28 - 76.45m & 80.30 - 81.06m. Downhole contact gradational colour change.																				
55.00	85.64	30.64									55.00	85.64	Cb	Perv	Wk												
55.00	85.64	30.64									55.00	85.64	Ep	Perv	Wk												
55.00	85.64	30.64									55.00	85.64	Chl	Perv	Mod												
61.06	61.07	0.01																									
85.64	108.10	22.46	AT	MAR			Maroon to brick-red to rarely grey or green AshTuff, locally appearing as Crystal Tuff. Common cb(sil) altn as stringers/stwk & disseminated. Ep weakly present downhole from 93m, and strongly as matrix/envelopes to barren cb-qz stringers/stwk especially 97.0 - 97.25m, 98.85 - 99.12m, 99.88 - 100.28m, 102.56 - 102.69m 107.4 - 107.65m. Gradational downhole contact.																				
85.64	108.10	22.46									85.64	108.10	Ep	Str	Wk												
85.64	108.10	22.46									85.64	108.10	Chl	Str	Wk												

Lithology							Alteration				Mineralization				Structure																	
From	To	Len	Rk	Type	Minor	Color	Description			From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments								
85.64	108.10	22.46																														
108.10	120.94	12.84	XT	M-G	Maroon crystal tuff with 35% epidotized sections flanking irreg qz-cb str/stwk to 4cm. Some epidotized sections display hematized crystals/fragments. Cb-qz veins (0.5 - 3cm) locally crosscut earlier clear qz veins (2mm). Obscure downhole contact.							85.64	108.10	Cb	Str	Str																
108.10	120.94	12.84																														
108.10	120.94	12.84										108.10	120.94	Ep	Pch	Mod																
108.10	120.94	12.84										108.10	120.94	He	Pch	Mod																
108.10	120.94	12.84										108.10	120.94	Cb	Pch	Wk																
120.94	128.35	7.41	AT	MAR	Maroon-grey Ash Tuff, locally appearing as Crystal Tuff, or texture obscured. Coalescing cb blobs/stringers 127.8 - 126.35m (similar to amygdales? -possibly Amyg Basalt?). Gradational downhole contact.																											
120.94	128.35	7.41										120.94	128.35	Cb	Str	Mod																
128.35	131.78	3.43	AT	G-G	Greenish-grey with local hematizn, Ash Tuff with strongly aligned flattened fragments to 4mm. Gradational downhole contact.																											
128.35	131.78	3.43																														
128.35	131.76	3.41																														
131.76	131.78	0.02																														
131.78	145.80	14.02	XT	G-M	Crystal Tuff, mostly maroon 131.78 - 136.26m & 143.3 - 144.4m, otherwise green with chl and ep. 141.46 - 142.72m: Vuggy qz stwk with ep bands and envelopes, strong chloritic wallrock. Downhole contact sharp.																											
131.78	136.26	4.48										131.78	136.26	He	Pch	Mod																
131.78	136.26	4.48										131.78	136.26	Cb	Pch	Mod																
136.26	145.80	9.54										136.26	145.80	Ep	Perv	Wk																
136.26	145.80	9.54										136.26	145.80	Chl	Perv	Mod																
136.26	145.80	9.54										136.26	145.80	Cb	Perv	Wk																

Lithology						Alteration				Mineralization				Structure													
From	To	Len	Rk	Type	Minor	Color	Description				From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments		
145.80	150.12	4.32	AT	MAR			Maroon to brick, commonly bedded fine Ash Tuff. (Resembles somewhat the "Bedded Maroon Tuff" unit but lacks white cb fragments.) Locally chloritic green. Irreg qz-cb strgs up to 1.5cm, 10% of unit. Downhole contact sharp, on 2cm brecciated unit.																				
145.80	150.12	4.32								145.80	150.12	Cb	Fgm	Wk													
145.80	150.12	4.32								145.80	150.12	Ser	Fgm	Wk													
145.80	150.12	4.32																									
150.12	162.00	11.88	LT	M-G			Lapilli Tuff, with subrounded to flattened fragments to 8cm. Maroon/brick to patchy green colour. Locally appears bedded but random orientation TCA, often ~ 65 degrees. Random cb-(qz-chl) strgs and gash veins. At 152.3m: 1.5cm irreg vein at 50 degrees (with splays) qz-cb with 4% cubic py + cp. Downhole contact irreg at 10 degrees TCA.																145.80	150.12	Bd	70	
151.40	153.30	1.90								151.40	153.30	Chl	Mtx	Mod													
151.40	153.30	1.90								151.40	153.30	Cb	Mtx	Wk													
162.00	186.30	24.30	AT	MAR			Maroon-brown to locally green Ash Tuff, rarely appearing as Crystal Tuff, or with isolated rounded fragments to 5cm, or with small section Lapilli Tuff. Locally apparent bedding, can be variable or contorted. Variable amount cb stringers; rare qz-cb stringer (to 1cm, and possibly vuggy) with cubic pyrite and 1cm chloritic or sericitic envelope.																				
162.00	186.30	24.30								162.00	186.30	He	Str	Wk													
162.00	186.30	24.30								162.00	186.30	Chl	Str	Mod													
162.00	186.30	24.30								162.00	186.30	Cb	Str	Wk													
172.18	172.19	0.01																									
172.19	178.56	6.37																									
178.56	178.58	0.02																									
182.53	182.54	0.01																									
				</																							

Lithology						Alteration				Mineralization				Structure										
From	To	Len	Rk	Typ	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
186.30	188.08	1.78	Va	G-B			Strongly banded (partly contorted) pale green to buff to grey altered unit.																	
							Gradational contacts. Qz-sul-(cb-chl) veins/lenses to 1.5cm commonly // banding.																	
							Semimassive py (with minor cp + sph) commonly parallel veins: 187.02 - 187.09m, 187.36 - 187.48m, 188.78 - 188.80m. Section 187.36 - 187.48m contains irreg fine-grained 1cm band massive py at downhole end that resembles stratiform VMS bed, with uphole section 5cm medium-grained semi-msv py-cp with fine interstitial sph.																	
186.30	188.08	1.78												186.30	188.08	Py	4							
186.30	188.08	1.78												186.30	188.08	Sph	0							
186.30	188.08	1.78												186.30	188.08	Cp	0							
186.30	188.08	1.78																	186.30	188.08	Bn	55	contorted	
188.08	193.41	5.33	AT	GRN			Green to locally maroon Ash Tuff. Scattered cb strrs. 191.2 - 192.75m: several 1 - 2cm qz-cb-py-chl convoluted veins with no altered envelopes.																	
193.41	194.11	0.70	Vas	BLE			Boulder Vein represented by stockwork within sericite-altered Ash Tuff, displaying contorted banding. Contorted veins to 2cm qz-cb contain fine to coarse py + interstitial sph.																	
193.41	194.11	0.70												193.41	194.11	Py	2							
193.41	194.11	0.70												193.41	194.11	Sph	0							
194.11	197.96	3.85	AT	GRN			Green to green-gray Ash Tuff with random cb stringers. 194.11 - 198.2m: as in HW to Boulder, several 1 - 2cm qz-cb-py-chl convoluted veins with no altered envelopes.																	

Lithology						Alteration				Mineralization				Structure											
From	To	Len	Rk	Type	Minor	Color	Description				From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
197.96	202.35	4.39	LT	G-B	Lapilli Tuff with rounded to subangular to flattened fragments to 6cm. 198.16 - 198.24m: contorted 3cm qz-cb-su vein with irreg 1 - 3cm altered envelope. Downhole contact on minor fault.																				
198.16	198.24	0.08														198.16	198.24	Py	3						
198.16	198.24	0.08														198.16	198.24	Sph	0						
198.16	198.24	0.08														198.16	198.24	Cp	1						
202.34	202.35	0.01																			202.34	202.35	Flt	45	
202.35	219.50	17.15	XT	MAR	Crystal Tuff, with some obscured texture sections possibly Ash Tuff. Mostly maroon, with weakly bleached section 202.35 - 203.5m, and green chloritic sections 209.5 - 210.1m & 213.8 - 214.9m. Irreg cb & qz-cb stringers <1cm, containing minor py in green sections. Gradational downhole contact.																				
219.50	221.00	1.50	AT	GRY	Grey Ash Tuff. EOH 221m.		219.50	221.00	Cb	Str	Wk														
219.50	221.00	1.50																							



Dome Mountain Project Database

Hole Number: DM-16-082

Drill Hole Log

Grid-X: 653,699.53

Brg: 0.00

Ovb: 0.00

Surveyor: JH-GPS-RTK

Drill: Driftwood Diamond Drilling

Grid-Y: 6,068,754.53

Dip: -57.00

Casing: 31.50

Survey Date: 27-Sep-16

Drill Dates: 19-Jan-16 **to** 27-Jan-16

Grid-Z: 1,249.47

Depth: 264.00

Recover Casing: yes

Core Size: HQ

Geologist: Mathias Westphal

NTS:

Claim: 0

Area: DOME MOUNTAIN

Log Dates: 20-Jan-16 **to** 22-Jan-16

Target:

Comments:

Lithology						Alteration					Mineralization					Structure								
From	To	Len	Rk	Typ	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
0.00	31.50	31.50	NC				Casing in OB																	
31.50	37.00	5.50	AR				Limonite alteration w/ clay in oxidation zone																	
31.50	37.00	5.50							31.50	37.00	Cy		Mod											
31.50	37.00	5.50							31.50	37.00	Oxid		Mod											
31.50	37.00	5.50																						
37.00	50.10	13.10	AR				Upper part 1m fault zone, py vein 1mm at 45 tca at 43.4m																	
37.00	50.10	13.10							37.00	50.10	Cb	Vn	Pre											
37.00	50.10	13.10							37.00	50.10	Py			1mm vein at 43.4m										
37.00	50.10	13.10																						
37.00	50.10	13.10																						
50.10	51.00	0.90	QV				Healed qtz vein breccia w/ pyrite cubes and blebs and AR clasts																	
50.10	51.00	0.90							50.10	51.00	Qz	Vn	Str											
50.10	51.00	0.90							50.10	51.00	Cb	Vn	Wk											
50.10	51.00	0.90												50.10	51.00	Py								
50.10	51.00	0.90																						
51.00	51.50	0.50	FT																					
51.00	51.50	0.50							51.00	51.50	Cy	Gg												
51.00	51.50	0.50																						
51.50	52.00	0.50	QV						51.50	52.00	Qz	Vn												
51.50	52.00	0.50																						
51.50	52.00	0.50																						

Lithology						Alteration				Mineralization				Structure									
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
52.00	60.15	8.15	XT	MAR	welded XT w/ some clasts <3cm on top, some lapilli and fiamme throughout, some cal veins dissolved and vuggy at 55m																		
52.00	0.00	-52.00						52.00	0.00	Cb	Vn	Wk						52.00	60.15	Frc	80		
52.00	60.15	8.15						60.15	60.80	Blch	Pch	Int											
60.15	60.80	0.65	XT	BLE	Ground surge w/ clasts <15cm			60.15	60.80	Cb	Pch	Pre						60.15	60.80	Frc	80		
60.15	60.80	0.65						60.80	63.00	Cb	Vn	Pre						60.80	63.00	Frc	80		
60.15	60.80	0.65																					
60.80	63.00	2.20	XT	MAR	welded XT			63.00	67.00	Cb	Vn	Pre						63.00	67.00	Frc	80		
60.80	63.00	2.20						63.00	67.00	Cb	Vn	Pre						63.00	67.00	Frc	80		
60.80	63.00	2.20																					
63.00	67.00	4.00	LT	MAR	bleaching at 65 and 66m, lapilli <1.5cm			67.00	68.10	Blch	Vn	Wk											
63.00	67.00	4.00						67.00	68.10	Cb	Vn	Vn											
67.00	68.10	1.10	AT	MAR	densly welded fine grained AT w/ bedding			68.10	71.20	Cb	Vn	Mod											
67.00	68.10	1.10						67.00	68.10	Blch	Vn	Wk											
67.00	68.10	1.10						67.00	68.10	Cb	Vn	Vn											
68.10	71.20	3.10	LT	MAR	Lapilli <2cm			68.10	71.20	Cb	Vn	Mod											
68.10	71.20	3.10																					
71.20	90.20	19.00	LT	MAR	Upper contact bleached and green w/qtz-car vein at 45 tca. Upper 30cm AT w/ vuggy center. Lapilli <1cm, rare clasts <3cm. Strongly welded. Vuggy 10cm at 80.3m.			71.20	90.20	Cb	Vn	Wk						71.20	90.20	Frc	90		
71.20	90.20	19.00						71.20	90.20	Cb	Vn	Wk											
90.20	101.60	11.40	XT	MAR	Mainly XT w/ some interlayered AT <10cm. Rare clasts <5cm, some lapilli <1cm			90.20	101.60	Cb	Vn	Pre						90.20	101.60	Frc	80		
90.20	101.60	11.40						90.20	101.60	Cb	Vn	Pre						90.20	101.60	Frc	80		
101.60	110.80	9.20	LT	MAR	Mainly LT with AT30cm at 106 and the bottom 10cm.			101.60	110.80	Cb	Vn	Mod						101.60	110.80	Frc	80		
101.60	110.80	9.20						101.60	110.80	Cb	Vn	Mod						101.60	110.80	Frc	80		
110.80	112.10	1.30	AT	G-G	strongly welded																		

Lithology						Alteration				Mineralization				Structure														
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments					
110.80	112.10	1.30																										
110.80	112.10	1.30																										
112.10	113.60	1.50	LT	MAR	Lapilli and clasts <2cm, welded						110.80	112.10	Cb	Vn	Wk							110.80	112.10	Frc	90			
112.10	0.00#####												112.10	0.00	Cb	Vn	Wk							112.10	113.60	Frc	60	
112.10	113.60	1.50	AT	G-G	welded Tuff						113.60	114.30	Cb	Vn	Wk							113.60	114.30	Frc	80	2 frc		
113.60	114.30	0.70																										
113.60	114.30	0.70																										
114.30	135.05	20.75	LT	MAR	Mainly LT w/ AT <10cm and XT <30cm interlayers						114.30	135.05	Cb	Vn	Mod							114.30	135.05	Frc	90			
114.30	135.05	20.75																										
135.05	137.70	2.65	AT	GRN	AT surge w/ clasts <10cm						135.05	137.70	Cb	Vn	Pre							135.05	137.70	Frc	45			
135.05	137.70	2.65																										
137.70	141.10	3.40	XT	MAR	AT at top and bottom						137.70	141.10	Cb	Vn	Wk							137.70	141.10	Frc	80			
137.70	141.10	3.40																										
141.10	156.40	15.30	XT	G-M	green XT w/ some maroon LT<50cm and AT <5cm, qtz-car veins <1cm parallel and subparallel tca, some vuggy						141.10	156.40	Cb	Vn	Mod							141.10	156.40	Frc	80			
141.10	156.40	15.30																										
156.40	160.25	3.85	XT	G-M	green XT w/ maroon sections <5cm, qtz-cal veins w/ py at 157m. At the top 10cm of clay altered AT.						156.40	160.25	Cb	Vn	Pre							156.40	160.25	Frc	80			
156.40	160.25	3.85																										
156.40	160.25	3.85																										
160.25	165.60	5.35	XT	GRN	at top 40cm clay altered AT, ground surge from 164.8 to bottom w/ reworked pyroclastics						160.25	165.60	Cb	Vn	Pre							160.25	165.60	Frc	80			
160.25	165.60	5.35																										
165.60	171.30	5.70	XT	GRN	qtz-cal vuggy veins w/ py at 167.3m, at bottom 50cm of maroonish colored breccia - ground surge (?)						165.60	171.30	Cb	Vn	Int													
165.60	171.30	5.70																										

Lithology							Alteration				Mineralization				Structure							
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
171.30	174.60	3.30	XT	GRN	vuggy tuff and vuggy qtz-cal veins w/ py																	
171.30	174.60	3.30										171.30	174.60	Cb	Vn	Mod						
171.30	174.60	3.30										171.30	174.60	Cy	Vn							
171.30	174.60	3.30										171.30	174.60	Py		in vuggy qtz-cal veins at 172.8m						
171.30	174.60	3.30															171.30	174.60	Flt		20cm clay altered tuff	
171.30	174.60	3.30															171.30	174.60	Frc	60		
174.60	186.10	11.50	XT	M-G	green and maroon intersections up to 2m. Vuggy tuff w/ no visible sulfide mineralization.																	
174.60	186.10	11.50										174.60	186.10	Cb	Vn	Pre						
174.60	186.10	11.50															174.60	186.10	Frc	90		
186.10	194.60	8.50	XT	MAR	vuggy XT, not intensely welded, no visible mineralization, minor qtz-cal veining.																	
186.10	194.60	8.50										186.10	194.60	Cb	Vn	Wk						
186.10	194.60	8.50															186.10	194.60	Frc	80		
194.60	198.20	3.60	XT	GRN	green welded tuff w/ hem alt along cracks and veins at 30 and 60 tca together with weak bleaching																	
194.60	198.20	3.60										194.60	198.20	Blch	Vn	Wk						
194.60	198.20	3.60										194.60	198.20	He	Vn	Str						
194.60	198.20	3.60															194.60	198.20	Frc	80	low frequency	
198.20	200.15	1.95	XT	MAR	maroon, medium welded tuff							198.20	200.15	Cb	Vn	Mod						
198.20	200.15	1.95															198.20	200.15	Frc	80		
198.20	200.15	1.95																				
200.15	202.60	2.45	XT	GRN	light green tuff w/ bleaching and moderate epidot alt																	
200.15	202.60	2.45										200.15	202.60	Blch	Pch	Mod						
200.15	202.60	2.45										200.15	202.60	Ep	Pch	Str						
200.15	202.60	2.45															200.15	202.60	Frc	80		

Lithology								Alteration				Mineralization				Structure						
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
202.60	228.50	25.90	Va	M-G	maroon	XT, chl altered sections w/ py bearing qtz-cal veins <2cm, vuggy veins and vuggs within tuff, both, maroon and green. Clay alt on fractures, red clay within maroon sections, gray within green sections, some white ubiquitous. Py mainly cubes <1mm. Ma																
202.60	228.50	25.90						202.60	228.50	Py	Perv	Pre										
202.60	228.50	25.90						202.60	228.50	Cy	Perv	Int										
202.60	228.50	25.90						202.60	228.50	Cb	Perv	Pre										
202.60	228.50	25.90						202.60	228.50	Chl	Perv	Int										
202.60	228.50	25.90											202.60	228.50	Py		Major Py <1mm cubes bearing veins at 204.6, 206.8, 207.9, 208.3, 219, 221, 227.9m.					
202.60	228.50	25.90																				
228.50	238.70	10.20	XT	MAR	strongly welded dark gray maroon XT, cal veins <1cm at 10 tca, bottom part from 237.6m down clay altered and less welded base of the unit.												202.60	228.50	Frc	80		
228.50	238.70	10.20																				
228.50	238.70	10.20						228.50	238.70	Cy	Vn	Int										
228.50	238.70	10.20						228.50	238.70	Cb	Vn	Mod										
228.50	238.70	10.20																228.50	238.70	Frc	80	
238.70	248.55	9.85	XT	G-M	strongly welded XT w/ py bearing qtz-cal veins <2cm at 240.4 and 244.6m																	
238.70	248.55	9.85						238.70	248.55	Blch	Vn	Wk										
238.70	248.55	9.85						238.70	248.55	Cb	Vn	Pre										

Lithology							Alteration				Mineralization				Structure															
From	To	Len	Rk	Type	Minor	Color	Description			From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments						
238.70	248.55	9.85								238.70	248.55	Py																		
238.70	248.55	9.85																												
248.55	250.38	1.83	Va	G-G	AT w/ some xtals, weak epidot alt and intense bleaching, intense bleaching and cal veining w/qtz and some clay alt															238.70	248.55	Frc	80							
248.55	250.38	1.83	Va	G-G	AT w/ some xtals, weak epidot alt and intense bleaching, intense bleaching and cal veining w/qtz and some clay alt																									
248.55	250.38	1.83								248.55	250.38	Blch	Perv	Int																
248.55	250.38	1.83								248.55	250.38	Ep	Perv	Pre																
248.55	250.38	1.83								248.55	250.38	Cb	Perv	Int																
248.55	250.38	1.83								248.55	250.38	Qz	Perv																	
248.55	250.38	1.83																			248.55	250.38	Frc	80						
250.38	252.08	1.70	QV	GRY	major qtz vein <15cm w/ massive py at 30 to 45 tca, other qtz vein <2cm w/massive py at 80 tca																									
250.38	252.08	1.70								250.38	252.08	Qz	Vn	Str																
250.38	252.08	1.70								250.38	252.08	Py	Vn	Int																
250.38	252.08	1.70													250.38	252.08	Py		stringers <2cm in qtz veins<15cm											
250.38	252.08	1.70																			250.38	252.08	Frc	45						
252.08	253.52	1.44	Va	GRY	bleached gray welded AT hosting qtz veins																									
252.08	253.52	1.44	Va	GRY	bleached gray welded AT hosting qtz veins					252.08	253.52	Cb	Vn	Mod																
252.08	253.52	1.44																												
253.52	255.94	2.42	QV		qtz vein w/ py stringers at 45 tca, stringers of AT w/ diss py																									
253.52	255.94	2.42								253.52	255.94	Py	Vn	Int																
253.52	255.94	2.42								253.52	255.94	Qz	Vn	Int																
253.52	255.94	2.42								253.52	255.94	Py	Vn	Int																
253.52	255.94	2.42													253.52	255.94	Py													
253.52	255.94	2.42																												
255.94	257.03	1.09	Va	BLE	bleached XT hosting thin py veins																									

Lithology						Alteration				Mineralization				Structure									
From	To	Len	Rk	Type	Minor Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
255.94	257.03	1.09						255.94	257.03	Py	Vn	Pre											
255.94	257.03	1.09						255.94	257.03	Cb	Vn	Mod											
255.94	257.03	1.09											255.94	257.03	Py	very thin							
255.94	257.03	1.09																255.94	257.03	Frc	60		
257.03	264.00	6.97	Va	G-M		maroon XTw/green chl alt and some bleached sections, thin py veins and qtz-cal veins <2cm																	
257.03	264.00	6.97						257.03	264.00	Chl	Vn	Pre											
257.03	264.00	6.97						257.03	264.00	Blch	Vn	Pre											
257.03	264.00	6.97						257.03	264.00	Cb	Vn	Mod											
257.03	264.00	6.97						257.03	264.00	Ep	Vn	Wk											
257.03	264.00	6.97											257.03	264.00	Py	very thin							
257.03	264.00	6.97											257.03	264.00	Py	patchy areas							
257.03	264.00	6.97																257.03	264.00	Frc	80		



Dome Mountain Project Database

Hole Number: DM-16-083

Drill Hole Log

Grid-X: 653,136.06

Brg: 359.00

Ovb: 2.40

Surveyor: JH-GPS-RTK

Drill: Driftwood Diamond Drilling

Grid-Y: 6,068,787.00

Dip: -69.00

Casing: 3.00

Survey Date: 27-Sep-16

Drill Dates: 22-Jan-16 to 24-Jan-16

Grid-Z: 1,364.81

Depth: 230.00

Recover Casing: yes

Core Size: HQ

Geologist: Rob Boyce

NTS: 93L 077

Claim: 0

Area: DOME MOUNTAIN

Log Dates: 23-Jan-16 to 25-Jan-16

Target: Boulder Vein

Comments: Drilled from Pad 7 (near Upper Portal). Both Argillite (129.37 - 131.94m) and Boulder (188.9 - 191.87m) veins are weak, represented by stringers in alteration zone.

Lithology						Alteration					Mineralization					Structure										
From	To	Len	Rk	Typ	Minor	Color	Description					From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
0.00	2.40	2.40	OB				Cased to 3m																			
2.40	18.26	15.86	LT	GRN	Lapilli Tuff with sparse subrounded to angular-flattened fragments to 6m in ash matrix. Well frc'd from surface to 5.35m. Oxidized surfaces down to 13m. Pervasive wk-mod chloritizn, with scattered cb-cqz-chl strs. Patchy weakly-bleached sections 8.9 - 9.9m & 15.0 - 15.1m. Downhole contact obscure.																					
8.90	9.90	1.00						8.90	9.90	Sil	Pch	Mod														
8.90	9.90	1.00						8.90	9.90	Blch	Pch	Mod														
15.00	15.10	0.10						15.00	15.10	Blch	Perv	Mod														
18.26	42.44	24.18	XT	GRN	Green Crystal Tuff. 20.5 - 34.7m: local wk to mod ep as patches, envelopes and fragment rims. Local qz-cb-chl strs: // set at 40 degrees to irreg to banded/brecciated, up to 5cm.																					
19.05	19.20	0.15																								
19.75	19.83	0.08																								
23.30	27.30	4.00						23.30	27.30	Cb	Pch	Mod														
37.48	37.77	0.29																								
37.60	38.30	0.70						37.60	38.30	Ser	Perv	Mod														
38.13	38.19	0.06																								
19.05	19.20	0.15																								
19.75	19.83	0.08																								
23.30	27.30	4.00																								
37.48	37.77	0.29																								
37.60	38.30	0.70																								
38.13	38.19	0.06																								

Lithology						Alteration				Mineralization				Structure								
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
42.44	48.45	6.01	AT	M-G	Ash Tuff with possible crystal content, green to maroon sections. MScattered qz-cb stringers throughout, contain py within green chloritized zones, incl 4cm banded qz-cb-chl vein at 35 degrees with band coarse py @ 43.7m, & 1.5cm banded qz-cb at 25 degrees with band py @ 47.9m. Gradational downhole contact.																	
43.70	43.80	0.10											43.70	43.80	Py	3	4cm cb-qz vein					
43.70	43.80	0.10											43.70	43.80	Cp	0						
45.00	47.10	2.10						45.00	47.10	Ep	Pch	Wk										
47.90	47.93	0.03											47.90	47.93	Sph	0						
47.90	47.93	0.03											47.90	47.93	Py	4	1.5cm qz vein					
48.45	70.08	21.63	XT	MAR	Crystal Tuff, locally texture obscured - may be Ash Tuff. Mainly maroon, with 5% sections green mod-strong chl-ep altered. Common very irreg cb-qz stringers, veins and tension-veins.																	
50.10	52.00	1.90						50.10	52.00	Cb	Pch	Str										
50.10	52.00	1.90						50.10	52.00	Ep	Pch	Wk										
54.60	56.50	1.90						54.60	56.50	Cb	Pch	Mod										
57.70	58.80	1.10						57.70	58.80	Cb	Vn	Mod										
59.40	63.80	4.40						59.40	63.80	Cb	Pch	Wk										
59.40	63.80	4.40						59.40	63.80	Ep	Pch	Mod										
67.30	67.70	0.40						67.30	67.70	Qz	Stwk	Str										
67.30	67.70	0.40						67.30	67.70	Ep	Stwk	Mod										
69.80	70.08	0.28						69.80	70.08	Cb	Pch	Mod										
70.07	70.08	0.01																70.07	70.08	LC	70	sharp downhole contact
70.08	70.83	0.75	BTm	MAR	Bedded Maroon Ash Tuff unit. Characteristic white carbonate-speckled - locally displays graded bedding.																	
70.08	70.83	0.75						70.08	70.83	Cb	Dism	Mod										
70.08	70.83	0.75																70.08	70.83	Bd	70	

Lithology						Alteration				Mineralization				Structure												
From	To	Len	Rk	Type	Minor	Color	Description				From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
70.83	102.42	31.59	XT	M-G			Variable maroon to green Crystal Tuff, small sections appear as bedded Ash Tuff. Variable cb content (patches, networks & stringers), commonly stronger in more hematitic sections. Qz-cb str often 5 - 20 degrees TCA.																			
72.50	75.50	3.00						72.50	75.50	Cb	Pch	Str														
72.50	75.50	3.00						72.50	75.50	Sil	Pch	Wk														
75.50	77.60	2.10						75.50	77.60	Qz	Perv	Wk														
75.50	77.60	2.10						75.50	77.60	Ep	Perv	Str														
75.50	77.60	2.10						75.50	77.60	Cb	Perv	Wk														
75.50	77.60	2.10						75.50	77.60	Chl	Perv	Wk														
80.30	82.20	1.90						80.30	82.20	Cb	Pch	Str														
84.80	87.10	2.30						84.80	87.10	Cb	Pch	Int														
84.80	87.10	2.30						84.80	87.10	Qz	Pch	Wk														
93.10	94.80	1.70						93.10	94.80	Ep	Mtx	Mod														
93.10	94.80	1.70						93.10	94.80	He	Mtx	Wk														
94.80	97.25	2.45						94.80	97.25	Chl	Perv	Mod														
94.80	97.25	2.45						94.80	97.25	Cb	Perv	Mod														
97.25	102.42	5.17						97.25	102.42	Qz	Str	Mod														
97.25	102.42	5.17						97.25	102.42	Cb	Str	Str														
97.45	98.25	0.80																	97.45	98.25	Flt	5	minor fault on cb-qz stringers			
102.42	106.45	4.03	BTm	MAR			Maroon to brick coour, strongly bedded with flattened 1-2mm fragments, & characteristic white carbonate-speckled; locally displays graded bedding.																			
102.42	106.45	4.03						102.42	106.45	Cb	Dism	Str														
102.42	106.45	4.03						102.42	106.45	He	Dism	Str														
102.42	106.44	4.02																	102.42	106.44	Bd	30				
106.44	106.45	0.01																	106.44	106.45	LC	30				

Lithology						Alteration				Mineralization				Structure											
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments		
106.45	109.92	3.47	AT	MAR			Massive Ash Tuff, same colour, grain size/shape and alteration as uphole unit, likely the same unit, with only local bedding apparent. Gradational downhole contact.																		
106.45	109.92	3.47							106.45	109.92	Cb	Dism	Str												
106.45	109.92	3.47							106.45	109.92	He	Dism	Str												
109.92	111.08	1.16	AT	G-B			Med grey-green Ash Tuff with very similar texture to unit uphole, but with stronger fragment-orientation fabric. Moderately fractured // to fabric. 110.2 - 110.55m: cb-qz stringers 5mm - 3cm contain coarse py in crude																		
109.92	111.08	1.16							109.92	111.08	Cb	Perv	Wk												
109.92	111.08	1.16							109.92	111.08	Chl	Perv	Wk												
110.20	110.59	0.39												110.20	110.59	Py	2	bands in vns + dissem cubes							
111.08	124.60	13.52	AT	MAR			Brick-colour Ash Tuff showed flattened aligned fragments and local weak bedding. Cb (+ lesser qz)-matrix crackled bx zones: 112.9- 113.04m, 115.73 - 115.8m, 119.57 - 119.72m & 124.18 -124.26m. Pale green-buff section 117.6 - 118.2m with 2 qz-cb-py veins <1cm.																		
111.08	117.60	6.52							111.08	117.60	Cb	Str	Mod												
111.08	124.59	13.51																							
117.60	118.50	0.90							117.60	118.50	Ser	Perv	Mod												
117.60	118.50	0.90							117.60	118.50	Chl	Perv	Mod												
117.80	117.90	0.10												117.80	117.90	Py	1	in 6cm vein + dissem							
118.50	124.60	6.10							118.50	124.60	Cb	Str	Mod												
124.59	124.60	0.01																							

Lithology						Alteration				Mineralization				Structure											
From	To	Len	Rk	Typ	Minor	Color	Description				From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
124.60	129.37	4.77	AT	BRN	BRECCIA	BRICK	Brecciated/stockworked & crenulated Ash Tuff - showing signs of movement. Colour & alteration highly variable. Cb stringers/frc-fill & bx-matrix throughout, commonly contorted. 124.6 - 126.27m: brick to brown to locally green, siliceous & hematitic, with local chl lenses. 126.27 - 127.64m: maroon hematitic/calcareous (flanked by 15cm chloritic @ each end). 127.64 - 128m: Brick, siliceous crackle-brecciated. 128 - 128.5m: Green breccia with chl-ep-(ser) mtx & vein-envelopes with rounded to angular brick siliceous fragments 4mm - 5cm. 128.5 - 129.37m: contorted brown-green tuff with fewer cb stringers.																		
129.37	131.94	2.57	Vas	G-B	Mod-strong-altered, green-buff-pink, contorted-banded & locally-brecciated Ash Tuff, with 10% cb-qz veins to max 1cm. 131.15 - 131.31m: banded vuggy, qz-cb vein with 5mm chl-ep envelope; no sulphides observed. Downhole contact sharp, irregular.																				
129.37	131.94	2.57								129.37	131.94	Cb	Pch	Wk											
129.37	131.94	2.57								129.37	131.94	Chl	Pch	Mod											
129.37	131.94	2.57								129.37	131.94	Ser	Pch	Mod											
129.37	131.94	2.57								129.37	131.94	Ep	Pch	Wk											
129.37	131.94	2.57																		129.37	131.94	Bd	45		
131.94	144.20	12.26	AT	MAR	Brecciated, sheared, veined maroon Ash Tuff. Few siliceous brick-coloured sections/fragments: 138.5 - 139.3m, 140 - 140.4m & 143.54 - 143.84m. Cb contorted veins, stwk and expansion veins locally up to 30% of rock.																				
131.94	144.20	12.26								131.94	144.20	Cb	Stwk	Str											
144.19	144.20	0.01																		144.19	144.20	LC	55		

Lithology						Alteration				Mineralization				Structure											
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments		
144.20	144.32	0.12	LT	G-M			Polyimitic debris-flow breccia with rounded to angular fragments upto 15mm																		
144.32	145.48	1.16	AT	MAR			Contorted to brecciated maroon ash tuff similar to unit at 131.94 - 144.2m. Softer and more broken with 10cm frc-spacing.																		
144.47	145.48	1.01																	144.47	145.48	LC	70	on minor fault		
145.48	147.00	1.52	Va	GRN			Contorted and locally-brecciated green Ash Tuff. Vuggy qz-cb veins to max 1.5cm display blebby pyrite to 5% of vein. Irreg downhole contact.																		
145.48	147.00	1.52							145.48	147.00	Ser	Bn	Wk												
145.48	147.00	1.52							145.48	147.00	Chl	Bn	Mod												
147.00	155.82	8.82	AT	M-G			Ash Tuff to local Lapilli Tuff, crackled to strongly-brecciated. Maroon to local sections or matrix chloritic. Irreg downhole contact.																		
147.00	155.82	8.82							147.00	155.82	Cb	Pch	Wk												
147.00	155.82	8.82							147.00	155.82	Chl	Pch	Mod												
155.82	188.90	33.08	AT	MAR			Maroon Ash Tuff, locally sheared or brecciated. 177.0 - 188.9m: rare isolated lenses to 1cm (some bedding//) waxy green ser-chl.																		
155.82	188.90	33.08							155.82	188.90	Cb	Str	Wk												
155.82	188.90	33.08																	155.82	188.90	Bd	40			
188.90	191.87	2.97	Vas	G-B			Strongly altered zone in contorted laminated ash tuff. Varies from pale buff sericitic at uphole end to pale-med green chl-ser altered. Several small contorted veins comprise 10% of unit.																		
188.90	191.87	2.97																							
188.90	191.87	2.97																							
190.20	190.36	0.16	QV	WHT			folded-contorted qz-cb-py veins to 4cm comprise 60% of subunit.																		
190.20	190.36	0.16																	190.20	190.36	Py	5			

Lithology						Alteration				Mineralization				Structure												
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments			
191.87	197.60	5.73	AT	GRY			Dk grey to green and brownish Ash Tuff. Faint banding varies from 45 to 60 degrees TCA. Common irreg cb and cb-qz stringers - 3% of rock.																			
197.60	206.68	9.08	LT	MAR			Lapilli Tuff to Ash Tuff, somewhat sheared and brecciated. Gradational downhole contact.																			
197.60	206.68	9.08							197.60	206.68	Cb	Str	Wk													
202.05	202.06	0.01																		202.05	202.06	Flt	40	minor slip with chl		
206.68	207.65	0.97	Va	GRN			Green chloritic-altered Ash Tuff, locally brecciated. 1cm qz-cb-sul veins irreg.																			
206.68	207.48	0.80							206.68	207.48	Chl	Perv	Mod													
206.68	207.65	0.97												206.68	207.65	Sph	0									
206.68	207.65	0.97												206.68	207.65	Cp	0									
206.68	207.65	0.97												206.68	207.65	Py	0									
207.48	207.65	0.17							207.48	207.65	Ser	Perv	Wk													
207.48	207.65	0.17							207.48	207.65	Chl	Perv	Mod													
207.61	207.62	0.01																		207.61	207.62	Flt	40	HW bound to vein		
207.62	207.65	0.03	QV	WHT			Fault wedge QV, 1cm on bottom to 6cm on top.																			
207.62	207.65	0.03												207.62	207.65	Py	1									
207.62	207.65	0.03												207.62	207.65	Cp	4									
207.64	207.65	0.01																		207.64	207.65	Flt	60	FW bound to vein		
207.65	230.00	22.35	AT	BRN			Maroon-brown Ash Tuff with green sections 218.5 - 219.9m & 224.8-226.3m. Cb-(qz-chl) stringers/tension veins weaker downhole. 218.75m: 1.5cm qz-cb-py vein @ 45 degrees with no alteration envelope. Similar 1cm vein @ 60 degrees at 225.75m. EOH at 230.0m.																			
209.73	209.78	0.05																		209.73	209.78	Flt	60	crushed zone with slicks		



Dome Mountain Project Database

Hole Number: DM-16-084

Drill Hole Log

Grid-X:	653,699.52	Brg:	0.00	Ovb:	35.00	Surveyor:	JH-GPS-RTK	Drill:	Driftwood Diamond Drilling
Grid-Y:	6,068,754.51	Dip:	-47.00	Casing:	36.00	Survey Date:	27-Sep-16	Drill Dates:	23-Jan-16 to 24-Jan-16
Grid-Z:	1,249.50	Depth:	249.00	Recover Casing:	yes	Core Size:	HQ	Geologist:	Mathias Westphal
NTS:		Claim:	0	Area:	DOME MOUNTAIN			Log Dates:	24-Jan-16 to 27-Jan-16
Target:						Comments:			

Lithology					Alteration					Mineralization					Structure											
From	To	Len	Rk	Typ	Minor	Color	Description					From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
0.00	35.00	35.00	OB																							
35.00	37.50	2.50	AR	BLK	oxidized Argillite, limonite as fracture fillings																					
35.00	37.50	2.50																								
35.00	37.50	2.50																								
37.50	58.40	20.90	AR	BLK	Argillite w/ py-black clay + graphite (?) veining																					
37.50	58.40	20.90																								
37.50	58.40	20.90																								
37.50	58.40	20.90																								
37.50	58.40	20.90																								
37.50	58.40	20.90	V/S	GRY	Intercalated AR and light gray AT and XT																					
58.40	61.70	3.30	XT	G-G	gray AT and green XT intercalated																					
58.40	61.70	3.30																								
58.40	61.70	3.30																								
61.70	64.20	2.50	XT	GRY	light gray XT																					
61.70	64.20	2.50																								
64.20	68.90	4.70	XT																							
64.20	68.90	4.70																								

Lithology						Alteration				Mineralization				Structure											
From	To	Len	Rk	Type	Minor Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments			
64.20	68.90	4.70															64.20	68.90	Frc	70					
68.90	71.30	2.40	AT	GRY		light gray AT w/qtz-cal-py vein parallel tca at 70.3m, vuggy qtz-cal veins <0.5cm at 45 and subparallel tca																			
68.90	71.30	2.40										68.90	71.30	Cb	Vn	Mod	68.90	71.30	Py	in qtz-cal vein parallel tca					
68.90	71.30	2.40																							
68.90	71.30	2.40															68.90	71.30	Frc	45					
71.30	74.00	2.70	XT	GRN		green XT w/ irregular, gray fragments of AT																			
71.30	74.00	2.70										71.30	74.00	Chl	Perv	Mod					71.30	74.00	Frc	45	
74.00	74.35	0.35	Va	BLE		bleached AT w/ep and py alteration																			
74.00	74.35	0.35										74.00	74.35	Ep	Perv										
74.00	74.35	0.35										74.00	74.35	Py	Perv										
74.00	74.35	0.35										74.00	74.35	Py	Perv										
74.00	74.35	0.35										74.00	74.35	Blch	Perv										
74.00	74.35	0.35															74.00	74.35	Py	w/ qtz-cal					
74.00	74.35	0.35																							
74.00	74.35	0.35																							
74.35	76.40	2.05	LT	MAR		coarse LT w/ lapilli and clasts <4cm																			
74.35	76.40	2.05										74.35	76.40	Cb	Vn	Mod									
74.35	76.40	2.05																							
76.40	86.40	10.00	XT	MAR		welded XT, 30cm AT at lower contact w/ 30cm LT on top of AT														74.35	76.40	Frc	70		
76.40	86.40	10.00																							
86.40	90.10	3.70	XT	M-G		green bleaching of maroon XT on top of unit, coarse LT at bottom of unit.																			
86.40	90.10	3.70										86.40	90.10	Cb	Pch	Pre									
86.40	90.10	3.70										86.40	90.10	Blch	Pch										
86.40	90.10	3.70										86.40	90.10	Chl	Pch										
86.40	90.10	3.70																							
90.10	90.40	0.30	AT	MAR		welded						90.10	90.40	Cb	Vn	Wk						86.40	90.10	Frc	70
90.10	90.40	0.30																							

Lithology						Alteration				Mineralization				Structure								
From	To	Len	Rk	Type	Minor Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
90.10	90.40	0.30															90.10	90.40	Frc	45	one frc	
90.40	102.70	12.30	LT	MAR	strongly welded							90.40	102.70	Cb	Vn	Wk						
90.40	102.70	12.30															90.40	102.70	Frc	70		
102.70	104.40	1.70	LT	GRN	chl alt along paralell to subparallel qtz-cal vein <1.5cm							102.70	104.40	Cb	Perv							
102.70	104.40	1.70										102.70	104.40	Chl	Perv	Mod						
104.40	113.15	8.75	LT	MAR	strongly welded, large clasts <30cm at bottom of unit							104.40	113.15	Cb	Vn	Pre						
104.40	113.15	8.75															104.40	113.15	Frc	70		
113.15	115.20	2.05	XT	GRN	some lapilli at bottom of unit							113.15	115.20	Cb	Vn	Pre						
113.15	115.20	2.05															113.15	115.20	Frc	45		
115.20	120.20	5.00	LT	MAR	lapilli <3cm							115.20	120.20	Cb	Vn	Mod						
115.20	120.20	5.00															115.20	120.20	Frc	45		
115.20	120.20	5.00																				
120.20	122.60	2.40	XT	MAR	w/ some minor chl alt of mafic minerals																	
120.20	122.60	2.40										120.20	122.60	Cb		Mod						
120.20	122.60	2.40										120.20	122.60	Chl		Wk						
120.20	122.60	2.40															120.20	122.60	Frc	70		
122.60	122.85	0.25	AT	GRN								122.60	122.85	Cb	Vn	Mod						
122.60	122.85	0.25															122.60	122.85	Frc	80		
122.60	122.85	0.25																				
122.85	125.45	2.60	XT	MAR								122.85	125.45	Cb	Vn	Mod						
122.85	125.45	2.60															122.85	125.45	Frc	70		
122.85	125.45	2.60																				
125.45	125.60	0.15	AT	GRN																		
125.45	125.60	0.15																				
125.60	138.05	12.45	LT	MAR	lapilli <3cm, clasts <10cm, intercalated some 10cm sections of AT																	
125.60	127.00	1.40										125.60	127.00	Cb	Vn	Wk						
125.60	138.05	12.45															125.60	138.05	Frc	80		
127.00	138.05	11.05										127.00	138.05	Cb	Vn	Mod						
138.05	139.80	1.75	AT	GRN	welded AT w/ weak veining							138.05	139.80	Cb	Vn	Wk						
138.05	139.80	1.75															138.05	139.80	Frc	70		
138.05	139.80	1.75																				

Lithology						Alteration				Mineralization				Structure										
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
139.80	140.80	1.00	LT	MAR	intercalated w/ green AT 10cm and brecciated tuffs																			
139.80	140.80	1.00							139.80	140.80	Cb	Vn	Wk											
139.80	140.80	1.00																						
140.80	141.20	0.40	TB	BLE	ground surge, breccia w/ clasts <4cm																			
140.80	141.20	0.40							140.80	141.20	He	Perv												
140.80	141.20	0.40							140.80	141.20	Blch	Perv												
141.20	142.70	1.50	LT	MAR	Lapilli and clasts <4cm, carbonate veins are thin and sparse, more patchy fracture fillings																			
141.20	142.70	1.50							141.20	142.70	Cb	Pch	Mod											
141.20	142.70	1.50																						
142.70	151.90	9.20	LT	MAR	Lapilli <2cm, carbonate crackles and veinlets, cal veins <1cm at 142 at 45 tca, cal breccia filling <4cm 10cm above unit below																			
142.70	0.00	# #####							142.70	0.00	Cb	FF	Int											
142.70	151.90	9.20																						
151.90	156.05	4.15	BTm	MAR	intercalated and bedde AT, XT, and LT. Carbonate crackle and spotty fillings, cal vein <1cm parallel tca at																			
151.90	156.05	4.15							151.90	156.05	Cb	FF	Int											
156.05	179.20	23.15	XT	MAR	maroon XT w/ LT<30cm intersections containing lapilli <2cm, carbonate veining as veins <1cm, crackles and irregular cracks filled w/ cal. Qtz vein <2cm at 174.5m																			
156.05	179.20	23.15							156.05	179.20	Cb	Vn	Mod											
156.05	179.20	23.15							156.05	179.20	He	Vn	Wk											
179.20	180.70	1.50	Va	GRN	chl altered LT. Clay seam at upper contact.																			
179.20	180.70	1.50							179.20	180.70	Cy	Perv												
179.20	180.70	1.50							179.20	180.70	Chl	Perv	Int											
179.20	180.70	1.50																						

Lithology						Alteration				Mineralization				Structure										
From	To	Len	Rk	Type	Minor Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments		
180.70	181.75	1.05	XT	MAR		maroon XT w/ moderate sericite alt. Veining and plastic shearing at bottom 25cm carry diss py.																		
180.70	181.75	1.05						180.70	181.75	Ser	Perv	Mod												
180.70	181.75	1.05											180.70	181.75	Py		within a band of 25cm at bottom od unit							
180.70	181.75	1.05																						
181.75	189.60	7.85	Va	MAR		strongly sericite altered XT, strong sericite alteration, weak welding, some clay alt at bottom, Flt (?) at 184.6m												180.70	181.75	Frc	45	one		
181.75	189.60	7.85						181.75	189.60	Ser	Perv	Str												
181.75	189.60	7.85						181.75	189.60	Cy	Perv													
181.75	189.60	7.85																181.75	189.60	Flt		at 184.7m		
181.75	189.60	7.85																181.75	189.60	Frc	45			
189.60	194.75	5.15	XT	M-G		maroon XT w/ green sections w/ chl and ser/clay alt, diss py w/ alteration at 190.8m																		
189.60	194.75	5.15						189.60	194.75	Ser	Perv	Mod												
189.60	194.75	5.15						189.60	194.75	Cy	Perv													
189.60	194.75	5.15						189.60	194.75	Py	Perv													
189.60	194.75	5.15						189.60	194.75	Chl	Perv	Str												
189.60	194.75	5.15											189.60	194.75	Py		w/chl alt sections <1.5m							
189.60	194.75	5.15																189.60	194.75	Frc	70			
194.75	197.30	2.55	Va	GRN		green XT w/ intense propylitic (chl+ep) alt and diss py																		
194.75	197.30	2.55						194.75	197.30	Chl	Perv	Int												
194.75	197.30	2.55						194.75	197.30	Ep	Perv	Mod												
194.75	197.30	2.55						194.75	197.30	Py	Perv													
194.75	197.30	2.55											194.75	197.30	Py		w/ propylitic alteration							
197.30	199.80	2.50	Va	MAR		maroon XT w/ ser alt and some ep w/hem																		
197.30	199.80	2.50						197.30	199.80	Ep	Perv	Pre												
197.30	199.80	2.50						197.30	199.80	He	Perv	Pre												
197.30	199.80	2.50						197.30	199.80	Ser	Perv	Mod												

Lithology						Alteration				Mineralization				Structure								
From	To	Len	Rk	Type	Minor Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
197.30	199.80	2.50															197.30	199.80	Frc	70		
199.80	201.30	1.50	Va	BLE		bleached green XT w/ ep and py alt, qtz vein <10cm at 80 tca w/massive py patches at 200.3m. Contacts to veins show diss py.																
199.80	201.30	1.50										199.80	201.30	Qz	Perv							
199.80	201.30	1.50										199.80	201.30	Py	Perv	Pre						
199.80	201.30	1.50										199.80	201.30	Ep	Perv	Int						
199.80	201.30	1.50										199.80	201.30	Blch	Perv	Int						
199.80	201.30	1.50										199.80	201.30	Py			diss in ep and altered host of qtz vein					
199.80	201.30	1.50										199.80	201.30	Py			patches in 10cm qtz vein at 200.3m					
199.80	201.30	1.50															199.80	201.30	Frc	80		
201.30	205.70	4.40	XT	MAR		maroon XT w/ weak ser alt. Some cal veining shows vuggy dissolvings.																
201.30	205.70	4.40										201.30	205.70	Ser	Perv	Wk						
201.30	205.70	4.40										201.30	205.70	Cb	Perv	Wk						
201.30	205.70	4.40															201.30	205.70	Frc	80		
205.70	210.20	4.50	Va	GRN		propylitic altered XT w/ diss py and qtz-cal veins <1cm with py cubes in center																
205.70	210.20	4.50										205.70	210.20	Py	Perv	Pre						
205.70	210.20	4.50										205.70	210.20	Cb	Perv	Pre						
205.70	210.20	4.50										205.70	210.20	Chl	Perv	Str						
205.70	210.20	4.50										205.70	210.20	Ep	Perv	Int						
205.70	210.20	4.50										205.70	210.20	Py			w/ propylitic alt					
205.70	210.20	4.50										205.70	210.20	Py			w/ qtz-cal veins					
205.70	210.20	4.50															205.70	210.20	Frc	70		
210.20	210.80	0.60	AT	GRY		welded AT w/ qtz-cal vein at 45 tca.																
210.20	210.80	0.60										210.20	210.80	Cb	Vn	Wk						

Lithology							Alteration				Mineralization				Structure											
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments				
210.20	210.80	0.60												210.20	210.80	Frc	70									
210.80	211.80	1.00	Va	GRN	propylitic altered XT w/ diss py and qtz-cal veins <1cm with py cubes in center																					
210.80	211.80	1.00												210.80	211.80	Py	Perv	Pre								
210.80	211.80	1.00												210.80	211.80	Chl	Perv	Mod								
210.80	211.80	1.00												210.80	211.80	Py	Perv									
210.80	211.80	1.00												210.80	211.80	Ep	Perv	Mod								
210.80	211.80	1.00												210.80	211.80	Py	w/ qtz-cal veins at 45 and 30 tca									
210.80	211.80	1.00												210.80	211.80	Py										
211.80	215.80	4.00	XT	MAR	welded XT w/cal veinlet stockwork. Qtz-cal irregular patch <10cm w/ py patches <2cm at 212.4m.																					
211.80	215.80	4.00												211.80	215.80	Cb	Stwk	Int								
211.80	215.80	4.00												211.80	215.80	Qz	Stwk									
211.80	215.80	4.00												211.80	215.80	Py	<2cm in Qtz vein at 212.4m									
211.80	215.80	4.00												211.80	215.80	Frc	45									
215.80	218.00	2.20	Va	GRN	chl altered XT w/ qtz-cal veins <1cm at 80, 45 tca and some folded and vuggy																					
215.80	218.00	2.20												215.80	218.00	Py	Perv									
215.80	218.00	2.20												215.80	218.00	Chl	Perv	Mod								
215.80	218.00	2.20												215.80	218.00	Cb	Perv	Mod								
215.80	218.00	2.20												215.80	218.00	Py	spots in veins <0.5cm									
215.80	218.00	2.20												215.80	218.00	Frc	45									
218.00	224.75	6.75	XT	MAR	maroon XT w/ cal veins and cracks fillings, qtz-cal vein <4cm at 223.7m																					
218.00	224.75	6.75												218.00	224.75	Cb	Vn	Int								
218.00	224.75	6.75												218.00	224.75	Frc	45									
224.75	225.00	0.25	Va	BLE	bleached and ser-py altered XT above qtz-py vein																					
224.75	225.00	0.25												224.75	225.00	Ser	Perv	Str								
224.75	225.00	0.25												224.75	225.00	Py	Perv	Int								

Lithology						Alteration				Mineralization				Structure									
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
224.75	225.00	0.25											224.75	225.00	Py								
224.75	225.00	0.25											224.75	225.00	Frc	80							
225.00	225.25	0.25	QV				Qtz vein w/ massive py, upper contact w/ slicknslides, fault(?)						225.00	225.25	Py	Vn							
225.00	225.25	0.25											225.00	225.25	Qz	Vn							
225.00	225.25	0.25											225.00	225.25	Py								
225.00	225.25	0.25											225.00	225.25	Sh	80							
225.25	228.17	2.92	Va	BLE			bleached XT w/ strong ser-py alteration below sheared qtz-py vein						225.25	228.17	Ser	Perv	Str						
225.25	228.17	2.92											225.25	228.17	Py	Perv	Int						
225.25	228.17	2.92											225.25	228.17	Blch	Perv	Int						
225.25	228.17	2.92											225.25	228.17	Py			in alteration zone					
225.25	228.17	2.92											225.25	228.17	Frc	70							
228.17	230.50	2.33	Va	MAR			XT w/chl-py alteration related to qtz-cal vein that runs parallel tca leaving 2/3 of the core unaltered.						228.17	230.50	Chl	Vn							
228.17	230.50	2.33											228.17	230.50	Cb	Vn							
228.17	230.50	2.33											228.17	230.50	Py	Vn							
228.17	230.50	2.33											228.17	230.50	Py			in altered portion of the core					
228.17	230.50	2.33											228.17	230.50	Frc	45							
230.50	232.20	1.70	QV				20cm QV w/ 20cm chl-py alteration on both sides						230.50	232.20	Qz	Vn							
230.50	232.20	1.70											230.50	232.20	Py	Vn							
230.50	232.20	1.70											230.50	232.20	Chl	Vn							
230.50	232.20	1.70											230.50	232.20	Frc	70							
232.20	234.05	1.85	Va	M-G			chl altered maroon XT along 30cm bands w/ thin qtz-cal veins						232.20	234.05	Cb	Vn	Pre						
232.20	234.05	1.85											232.20	234.05	Chl	Vn							
232.20	234.05	1.85											232.20	234.05	Frc	70							

Lithology						Alteration				Mineralization				Structure												
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments			
234.05	234.95	0.90	Va	BLE			bleached XT w/qtz veins <3cm, vuggy qtz-cal veins w/hem replacing py																			
234.05	234.95	0.90							234.05	234.95	Qz	Vn	Int													
234.05	234.95	0.90							234.05	234.95	He	Vn	Pre													
234.05	234.95	0.90																		234.05	234.95	Frc	45			
234.95	238.65	3.70	XT	MAR			maroon XT w/qtz-car veins <10cm at 70 tca, lower contact is sheared off at 30tca																			
234.95	238.65	3.70							234.95	238.65	Qz	Vn	Int													
234.95	238.65	3.70							234.95	238.65	Cb	Vn	Int													
234.95	238.65	3.70																		234.95	238.65	Frc	45			
238.65	242.60	3.95	XT	MAR			welded XT w/ qtz-cal beins <1cm at 241m																			
238.65	242.60	3.95							238.65	242.60	Cb	Vn	Wk													
238.65	242.60	3.95																		238.65	242.60	Frc	70			
242.60	243.15	0.55	Va	GRN			chl altered XT w/ qtz-cal-py vein <1.5cm at 30 tca vuggy qtz-cal veins, partially hem replacing py																			
242.60	243.15	0.55							242.60	243.15	Chl	Perv	Int													
242.60	243.15	0.55							242.60	243.15	Py	Perv														
242.60	243.15	0.55							242.60	243.15	Qz	Perv														
242.60	243.15	0.55												242.60	243.15	Py										
242.60	243.15	0.55																		242.60	243.15	Frc	30	w/slicknslides		
243.15	245.70	2.55	XT	MAR			strongly welded maroon XT w/minor qtz-cal veins																			
243.15	245.70	2.55							243.15	245.70	Cb	Vn	Wk													
243.15	245.70	2.55																		243.15	245.70	Frc	45			
245.70	247.75	2.05	Va	GRN			chl altered XT w/ vuggy qtz-cal veins, hem replacing py																			
245.70	247.75	2.05							245.70	247.75	Cb	Vn	Int													
245.70	247.75	2.05																		245.70	247.75	Frc	45			
247.75	249.00	1.25	XT	MAR			welded XT w/irregular cal ceins and crack fillings																			
247.75	249.00	1.25							247.75	249.00	Cb	Vn	Wk													
247.75	249.00	1.25																		247.75	249.00	Frc	70			



Dome Mountain Project Database

Hole Number: DM-16-085

Drill Hole Log

Grid-X: 653,083.12
Grid-Y: 6,068,813.76
Grid-Z: 1,393.68
NTS: 93L 077
Target: Boulder Vein

Brg: 0.80 Ovb: 1.00
Dip: -68.30 Casing: 1.50 S
Depth: 237.00 Recover Casing: yes
Claim: 0 Area: DOME MOUNTAIN

Surveyor: JH-GPS-RTK
Survey Date: 27-Sep-16
Core Size: HQ

Drill: Driftwood Diamond Drilling
Dates: 24-Jan-16 **to** 26-Jan-16
Artist: Rob Boyce
Dates: 25-Jan-16 **to** 27-Jan-16

Comments: Drilled from Pad 6, above Upper Portal. Several weak intersections observed within larger altered zones, one of which is tentatively correlated to Boulder Vein.

Lithology						Alteration				Mineralization				Structure															
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments						
0.00	1.00	1.00	OB	Cased to 1.5m.																									
1.00	30.21	29.21	XT	GRN Med to dk green Crystal Tuff. Phenos/fragments commonly greenish-black chloritized but locally hematitic.																									
1.00	30.21	29.21								1.00	30.21	Cb	Perv	Wk															
1.00	30.21	29.21								1.00	30.21	Ep	Perv	Pre															
1.00	30.21	29.21								1.00	30.21	Chl	Perv	Mod															
30.21	32.30	2.09	XT	GRN Green chl-ep altered Crystal Tuff. Similar to above unit with different alteration. 10cm pinkish qz-cb vein (clay infill) 32.03 - 32.13m; HW ct 55 degrees, FW ct 40 degrees. Gradational downhole contact.																									
30.21	32.30	2.09								30.21	32.30	He	Perv	Pre															
30.21	32.30	2.09								30.21	32.30	Chl	Perv	Mod															
30.21	32.30	2.09								30.21	32.30	Ep	Perv	Mod															
32.30	41.42	9.12	XT	BRN Maroon-grey to brownish to locally green Crystal Tuff. 39.8 - 41.42m: brecciated section with 2mm qz stringers, crosscutting cb replacement blobs. Downhole contact sharp at 50 degrees.																									
32.30	41.42	9.12								32.30	41.42	Cb	Str	Mod															
34.37	34.87	0.50	XT	GRN Fractured, chl'd section with 30% banded cb-qz-chl veins																									
34.37	34.87	0.50																											
34.37	34.87	0.50																											

Lithology							Alteration				Mineralization				Structure								
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
38.31	39.02	0.71		XT	GRN		Broken section with 70% cb (ankerite)-qz stwk and crenulations. Some oxidn on surfaces at 5 degrees to 40 degrees TCA.																
41.41	41.42	0.01																41.41	41.42	LC	50		
41.42	42.04	0.62	AT		MAR		Brick-red Ash Tuff with local graded beds & white cb matrix spots. Downhole end brecciation and alteration obscures texture and downhole contact.																
41.42	42.04	0.62						41.42	42.04	Cb	Str	Wk											
42.04	44.66	2.62	XT		MAR		Maroon-grey Crystal Tuff (possible Ash Tuff) with stronger alteration than next uphole XT unit.																
42.04	45.66	3.62						42.04	45.66	He	Pch	Wk											
42.04	45.66	3.62						42.04	45.66	Cb	Pch	Mod											
42.04	45.66	3.62						42.04	45.66	Ep	Pch	Wk											
44.66	45.08	0.42	AT		MAR		Maroon-red crudely banded Ash Tuff with white cb matrix spots. 44.66 - 44.76m: pervasive epidotization. Downhole contact vague in qz-cb stwk.																
44.66	45.01	0.35															44.66	45.01	Bd	55			
45.08	47.10	2.02	XT		MAR		Maroon to maroon-grey Crystal Tuff similar to XT units uphole. Local greenish epidotized sections. 46.1 - 46.33m: qz-cb vein with drusy open centre, at 15 degrees TCA; weak chl-ep rim. Gradational downhole contact.																
45.65	45.66	0.01															45.65	45.66	LC	65	on qz-ep-he stwk		
47.10	52.10	5.00	XT		GRN		Yellow-green to grey Crystal Tuff with similar texture to uphole. Strong ep altn. Gradational downhole contact.																
47.10	52.10	5.00						47.10	52.10	Chl	Perv	Wk											
47.10	52.10	5.00						47.10	52.10	He	Perv	Wk											
47.10	52.10	5.00						47.10	52.10	Qz	Perv	Pre											
47.10	52.10	5.00						47.10	52.10	Ep	Perv	Str											

Lithology							Alteration				Mineralization				Structure							
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
52.10	56.40	4.30	XT	G-G	Crystal Tuff: mottled, variable alteration. Irreg cb + qz-cb str 2%. Obscure downhole contact.																	
56.40	57.50	1.10	AT	MAR	Maroon-red Ash Tuff. Texture varies from crude bedded uphole to brecciated downhole. Downhole contact obscured by brecciation/alteration.																	
56.40	57.50	1.10															56.40	57.50	Bd	65		
57.50	66.71	9.21	XT	MAR	Crystal Tuff, dominantly maroon with white cb alteration coalescing blobs & stringer. Smaller sections grey-green with weaker hemitizn and mod chl-ep altn + hem'd fragments. Grad downhole contact.																	
57.50	66.71	9.21						57.50	66.71	Cb	Pch	Str										
66.71	72.00	5.29	XT	GRN	Crystal Tuff: med green to yellow-green with hem'd fragments.																	
71.99	72.00	0.01															71.99	72.00	LC	50	sharp, wavy	
72.00	72.66	0.66	AT	MAR	Maroon-red Ash Tuff, vaguely bedded and brecciated. Gradational downhole contact.																	
72.00	72.66	0.66						72.00	72.66	Cb	Mtx	Str										
72.66	77.46	4.80	XT	MAR	Maroon to (downhole)brownish Crystal Tuff with similar texture to all XT sections uphole. Variable cb altn up to local 80%. 74.15 - 75.25m: 2.5cm qz vein sub// TCA with 3mm pink & green (hem'd cb + ep) envelope.																	
72.66	77.46	4.80						72.66	77.46	Cb	Pch	Str										

Lithology							Alteration				Mineralization				Structure							
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
77.46	93.83	16.37	XT	GRN			Chloritized green Crystal Tuff. Local mod-strong ep as envelopes up to 5cm on hairline to 2mm qz-(cb) stringers: 77.81 - 78.4m & 81.0 - 81.32m. 82.68 - 82.74m: 4cm massive coarse-grained cb-qz vein with downhole contact on minor clay slip @ 35 degrees.															
88.23	88.42	0.19	AT	G-M			strongly-banded welded tuff. Maroon central part, chl-ep altd to HW & FW.															
88.23	88.42	0.19															88.23	88.42	Bn	35		
90.71	91.08	0.37	AT	MAR			Maroon-red ash tuff, lensoid, deformed (possible slump?) Irregular contacts.															
93.83	94.19	0.36	AT	MAR			Bedded Ash Tuff, hard, siliceous,maroon-pink															
93.83	94.19	0.36															93.83	94.19	Bd	30		
94.19	98.65	4.46	XT	M-G			Crystal Tuff, maroon to grey; locally greenish with ep rims. Cb increase downhole with coalescing blobs/matrix + cb-qz stringers. Possible brecciation obscured by alteration.															
94.19	98.65	4.46						94.19	98.65	Cb	Pch	Str										
98.64	98.65	0.01															98.64	98.65	LC	55	sharp, irreg	
98.65	102.62	3.97	BTm	MAR			Bedded maroon Ash Tuff, grading downhole into more massive Ash Tuff. Gradational downhole contact. Cb altn as dissems/matrix, bedding-// stringers, frc-fill & local stwk.															
98.65	102.62	3.97																				
102.62	104.10	1.48	AT	G-B			Soft, broken altered Ash Tuff, flattened fragments aligned. Cut by 1 - 3cm qz-cb stringers // TCA as well as // to bedding, with green clay gouge surfaces. Veins contain blebby py 102.75 - 103.2m. Gradational downhole contact.															
								98.65	102.62	Cb	Str	Str										

Lithology						Alteration				Mineralization				Structure											
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments		
102.62	104.10	1.48												102.62	104.10	Vn	0								
102.62	104.10	1.48												102.62	104.10	Aln	40								
102.62	104.10	1.48												102.62	104.10	Vn	40								
102.62	104.10	1.48												102.62	104.10	Sh	40								
104.10	116.90	12.80	AT	MAR	Ash Tuff, mainly maroon. Fragments subrounded to flattened. Cb-qz stringers 1mm - 2cm increase downhole to stwk/frc-fill in section 110 - 113m. Greenish sections 106.7 -107.2m, 109.2 - 109.6m & 115.2 - 116.3m. Green sections display blebby py in strin																				
104.10	116.90	12.80							104.10	116.90	Cb	Str	Mod												
104.10	116.89	12.79												104.10	116.89	Aln	40								
116.89	116.90	0.01												116.89	116.90	LC	50	contact on 5mm qz-chl vein							
116.90	127.56	10.66	LT	M-G	Lapilli Tuff maroon to green sections, and green fragments in maroon mtx, to maroon fragments in green mtx. Ashy sections 121.08 - 121.69m, 123.85 - 125.73m, and several small sections. Lapilli range from coarse to fine, and generally subrounded to loca																				
116.90	127.55	10.65												116.90	127.55	Aln	50								
127.55	127.56	0.01												127.55	127.56	LC	60								
127.56	129.03	1.47	AT	MAR	Coarse Ash Tuff, maroon, weak fragment alignment.																				
127.56	129.02	1.46												127.56	129.02	Aln	50								
129.02	129.03	0.01												129.02	129.03	LC	50								
129.03	134.15	5.12	LT	MAR	Lapilli Tuff. Flattened to angular fragments. Downhole contact on massive Cb vein @ 60 degrees TCA.																				
129.70	129.72	0.02												129.70	129.72	Fd	20	minor fault on 2cm qz-cb-chl vein							

Lithology					Alteration				Mineralization				Structure											
From	To	Len	Rk	Typ	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments		
134.15	143.80	9.65	LT	GRN	Green Lapilli Tuff, locally Ash Tuff. Downhole end gradually fades into maroon. Local brecciation with qz-cb infill. 135.3 - 137.67m: banded 1cm - 4cm qz-cb-chl stringer with blebby py subparallel TCA make 20% of section. Minor similar stringers downh																			
143.80	173.10	29.30	LT	MAR	Maroon Lapilli Tuff, with 10% greenish sections. Fragments up to 5cm are strongly flattened and aligned. Common narrow Ash Tuff sections make up 15% of unit, with sharp or gradational contacts. 143.8 - 152.4m: commonly siliceous & crackled with qz frc-																			
161.30	169.30	8.00														161.30	169.30	Cb	Str	Mod				
173.10	173.60	0.50	Va	G-B	Pale greenish-beige altered banded fine-grained tuff. 173.45 - 173.6m: qz-cb stwk 10%; no sulphides. Grad downhole contact.																			
173.10	173.60	0.50														173.45	173.60	Py	0					
173.45	173.60	0.15														173.10	173.60	Bn	30					
173.60	174.35	0.75	LT	MAR	Lapilli Tuff with Ash Tuff sections. Flattened fragments.																			
173.80	173.90	0.10														173.80	173.90	Flt	20	Clay surfaces angular flank broken rock				
174.35	175.31	0.96	Va	G-B	Alteration zone, very fine-grained uphole to ashy downhole. Patchy colour, mainly buff uphole to green downhole. Strongly banded (colour contrast). Minor qz-cb stringers, locally with pyrite. Broken downhole contact.																			
174.35	175.31	0.96														174.35	175.31	Sil	Dism	Wk				
174.35	175.31	0.96														174.35	175.31	Chl	Dism	Mod				
174.35	175.31	0.96														174.35	175.31	Cy	Dism	Mod				
174.35	175.31	0.96														174.35	175.31	Py	Dism	Wk				
174.35	175.31	0.96														174.35	175.31	Bn	30					

Lithology						Alteration				Mineralization				Structure									
From	To	Len	Rk	Typ	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
175.31	175.52	0.21	QV	WHT	Boulder Vein.	Strong qz-sul vein. Main vein is 175.35 - 175.47m. Remainder is Vas (30% stringers).																	
175.31	175.52	0.21												175.31	175.52	Sph	2						
175.31	175.52	0.21												175.31	175.52	Py	4						
175.31	175.52	0.21												175.31	175.52	Cp	3						
175.31	175.45	0.14																175.31	175.45	Vn	60		
175.45	175.46	0.01																175.45	175.46	Flt	60	1cm clay fault within vein	
175.52	178.24	2.72	Va	G-B	Green to buff banded Altered Volcanic zone, with minor sections pale maroon Ash Tuff with flattened fragments. 3% banded (locally vuggy) qz-cb irreg stringers with pyrite. Ragged downhole contact.																		
175.52	178.24	2.72							175.52	178.24	Py	Dism	Wk										
178.24	179.26	1.02	LT	MAR	Maroon to pink Lapilli Tuff. Strong fabric of flattend frgments.																		
178.24	179.26	1.02																178.24	179.26	Aln	35		
179.26	179.50	0.24	NC																				
179.50	180.50	1.00	LT	MAR	Lapilli Tuff maroon, to buff at uphole end. 5% irreg qz-cb stringers. Faulted zone 179.5 - 179.95m,with multiple gouge surfaces oriented at 15 to 60 degrees TCA.																		
180.50	182.18	1.68	Vas	G-B	Mottled, banded Alteration zone: green-buff-pink. 35% irreg qz-cb stringers to 3cm .which contain 0% to 20% sulphides. 1cm star-shaped cp bleb at 81.4m. Downhole contact on irreg chloritic slip surface.																		
180.50	182.18	1.68							180.50	182.18	Sil	Pch	Wk										
180.50	182.18	1.68							180.50	182.18	Ser	Pch	Mod										
180.50	182.18	1.68							180.50	182.18	Ep	Pch	Wk										
180.50	182.18	1.68							180.50	182.18	GMi	Pch	Pre	ca									

Lithology						Alteration				Mineralization				Structure											
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments		
182.18	182.51	0.33	QV	VAR			Boulder FW Vein. Section is 40% qz-sulphide vein in sheared altered unit similar to adjacent uphole unit. Downhole contact on irreg clay fault, at high angle to core axis.																		
182.18	182.51	0.33												182.18	182.51	Py	4								
182.18	182.51	0.33												182.18	182.51	Sph	0								
182.18	182.51	0.33																	182.18	182.51	Bn	50			
182.51	196.62	14.11	LT	M-G			Maroon-grey with 20% green Lapilli Tuff. Fragments commonly subrounded, max size 5cm. Generally weak alteration, with green sections showing moderate chlorite & cb as stringers & tension veins. Some fragments siliceous. Downhole contact gradational.																		
182.51	196.62	14.11							182.51	196.62	Cb	Str	Mod												
196.62	202.20	5.58	AT	GRN			Ash Tuff. Qz-cb-py stringers up to 2cm, at 50 - 70 degrees TCA, occur at 197.1m, 198.43m, 199.44m & 200.46m. Cb strgs without py are spaced approx 20cm. Gradational downhole contact.																		
202.20	207.72	5.52	LT	G-G			sparse subrounded lapilli scattered through ashy matrix. Irreg minor cb(qz) stringers.																		
207.72	214.10	6.38	AT	GRN			Green to green-grey Ash Tuff with local lapilli. Irreg qz-cb stringers to 1cm. Qz-cb-py stringers 1-2cm occur at high angle TCA at 209.78 & 211.52m, and qz-cb-cp-py stringers 1cm wide occur at high angle TCA at 210.54, 210.88m & 213.1m																		
214.10	215.66	1.56	LT	GRN			Green Lapilli Tuff with subrounded fragments to 2cm. 215.04 - 215.4m: pale chl-serc altered & sheared section hosts irreg qz-fine py vein 1-2cm.																		

Lithology							Alteration				Mineralization				Structure															
From	To	Len	Rk	Type	Minor	Color	Description				From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments					
215.04	215.40	0.36																		215.04	215.40	Sh	20							
215.66	231.28	15.62	AT	MAR	Maroon-brown to maroon-grey Ash Tuff with rare lapilli. Commonly weakly crackled with cb and qz-cb infill and stringers.																									
215.66	231.28	15.62										215.66	231.28	Cb	Str	Mod														
231.28	237.00	5.72	LT	MAR	Lapilli Tuff with ashy sections, subrounded fragments to 4cm. Common cb stringers.																									



Dome Mountain Project Database

Hole Number: DM-16-086

Drill Hole Log

Grid-X:	653,758.29	Brg:	0.00	Ovb:	20.50	Surveyor:	JH-GPS-RTK	Drill:	Driftwood Diamond Drilling
Grid-Y:	6,068,810.60	Dip:	-67.00	Casing:	20.00	Survey Date:	27-Sep-16	Drill Dates:	27-Jan-16 to 28-Jan-16
Grid-Z:	1,241.16	Depth:	189.00	Recover Casing:	yes	Core Size:	HQ	Geologist:	Mathias Westphal
NTS:		Claim:	0	Area:	DOME MOUNTAIN			Log Dates:	28-Jan-16 to 29-Jan-16
Target:				Comments:					

Lithology					Alteration					Mineralization					Structure											
From	To	Len	Rk	Type	Minor	Color	Description					From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
0.00	20.50	20.50	OB																							
20.50	50.03	29.53	AR	BLK			Agillite shows brecciated cal veins <5cm and some py graphite veins between 31 and 39.4m																			
20.50	50.03	29.53										20.50	50.03	Cb	Vn	Pre	20.50	50.03	Py		less than 1mm together w/ graphite between 31 and 39.4m					
20.50	50.03	29.53																								
20.50	50.03	29.53																								
50.03	53.85	3.82	V/S				intercalated AR and XT					50.03	53.85	Cb	Vn	Wk						20.50	50.03	Frc	80	
50.03	53.85	3.82																								
50.03	53.85	3.82																								
53.85	60.40	6.55	LT	GRN			siliceous LT, lapilli <2cm and clasts <3cm					53.85	60.40	Cb	Vn	Pre						50.03	53.85	Frc	45	
53.85	60.40	6.55																								
60.40	61.40	1.00	XT	GRN			green XT w/ mafic dyke at 61.4m					60.40	61.40	Cb	Vn	Wk						53.85	60.40	Frc	70	
60.40	61.40	1.00																								
61.40	61.45	0.05	Dk	BLK			mafic dyke, completely crushed															60.40	61.40	Frc	30	
61.45	62.65	1.20	XT	GRN			same as above the dyke																			

Lithology							Alteration					Mineralization					Structure										
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments				
61.45	0.00	-61.45																									
62.65	63.08	0.43	AT	GRY			light gray siliceous AT							61.45	0.00	Cb	Vn	Pre									
62.65	63.08	0.43												62.65	63.08	Cb	Vn	Pre									
62.65	63.08	0.43																			62.65	63.08	Frc	70			
63.08	71.12	8.04	XT	GRN			siliceous XT							63.08	71.12	Cb	Vn	Wk									
63.08	71.12	8.04																			63.08	71.12	Frc	70			
63.08	71.12	8.04																									
71.12	74.00	2.88	XT	BLE			bands of bleached XT in green XT																				
71.12	74.00	2.88												71.12	74.00	Blch	Bn	Mod									
71.12	74.00	2.88												71.12	74.00	Cb	Bn	Mod									
71.12	74.00	2.88																			71.12	74.00	Frc	45			
74.00	74.80	0.80	Va	BLE			bleached AT w/ propytc alt, ep in matrix, chl as fracture fillings. Qtz veins <1cm over 20cm at 45 tca at 74.5m																				
74.00	74.80	0.80												74.00	74.80	Qz	Perv	Pre									
74.00	74.80	0.80												74.00	74.80	Blch	Perv										
74.00	74.80	0.80												74.00	74.80	Chl	Perv										
74.00	74.80	0.80												74.00	74.80	Ep	Perv										
74.00	74.80	0.80	Va	BLE			py veins less than 1mm w/ some cal and bleached LT														74.00	74.80	Frc	45			
74.80	75.50	0.70	Va	BLE			py veins less than 1mm w/ some cal and bleached LT																				
74.80	75.50	0.70												74.80	75.50	Py	Perv	Pre									
74.80	75.50	0.70												74.80	75.50	Blch	Perv	Pre									
74.80	75.50	0.70												74.80	75.50	Py			less than 1mm w/ some cal								
74.80	75.50	0.70																			74.80	75.50	Frc	45			
75.50	77.00	1.50	LT	MAR			lapilli and clasts <1.5cm																				
75.50	77.00	1.50												75.50	77.00	Cb	Vn	Mod									
75.50	77.00	1.50																			75.50	77.00	Frc	45			
77.00	80.10	3.10	Va	BLE			bleached maroon XT w/ vuggy qtz-cal veins <0.5cm, diss py																				
77.00	80.10	3.10												77.00	80.10	Blch	Bn	Pre									
77.00	80.10	3.10												77.00	80.10	Cb	Bn	Mod									
77.00	80.10	3.10												77.00	80.10	Py											
77.00	80.10	3.10																			77.00	80.10	Frc	45			
80.10	81.50	1.40	Va	BLE			bleached and chl alt maroon LT																				

Lithology							Alteration					Mineralization					Structure							
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
80.10	81.50	1.40							80.10	81.50	Blch	Bn	Mod											
80.10	81.50	1.40							80.10	81.50	Chl	Bn	Pre											
80.10	81.50	1.40																	80.10	81.50	Frc	70		
81.50	83.70	2.20	XT	MAR	upper contact shows 15cm bleaching																			
81.50	83.70	2.20							81.50	83.70	Cb	Vn	Int											
81.50	83.70	2.20																	81.50	83.70	Frc	60		
83.70	100.20	16.50	LT	MAR	lapilli and clasts <2cm, 20cm bleaching w/ diss py and qtz-cal veins <1cm at upper and lower contact at 90.3m																			
83.70	100.20	16.50							83.70	100.20	Cb	Vn	Pre		83.70	100.20	Py	in 20cm wide zone at 90.3m						
83.70	100.20	16.50																						
83.70	100.20	16.50																	83.70	100.20	Frc	80		
100.20	104.60	4.40	Va	BLE	altered LT, bleached sections show diss py at 100.2 to 100.7m and 103.15 to 103.7m, chl alt shows no py																			
100.20	104.60	4.40							100.20	104.60	Chl	Bn												
100.20	104.60	4.40							100.20	104.60	Blch	Bn												
100.20	104.60	4.40							100.20	104.60	Py	Bn												
100.20	104.60	4.40												100.20	104.60	Py	in bleached bands 100.2 to 100.7m and 103.15 to 103.7m							
100.20	104.60	4.40																						
100.20	104.60	4.40																	100.20	104.60	Frc	80		
104.60	115.30	10.70	BTm	MAR	intercalated AT-XT-LT, LT shows clasts <10cm, qtz filling <5cm thick of brecciated XT at 109m over 40cm																			
104.60	115.30	10.70							104.60	115.30	Cb	Vn	Int											
104.60	115.30	10.70							104.60	115.30	Qz	Vn												
104.60	115.30	10.70																	104.60	115.30	Frc	80		
115.30	116.15	0.85	FT																					
115.30	116.15	0.85							115.30	116.15	Cy	Gg												
115.30	116.15	0.85																	115.30	116.15	Flt			

Lithology						Alteration				Mineralization				Structure											
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments		
116.15	117.50	1.35	XT	MAR	ser alt XT below Flt				116.15	117.50	Ser	Perv	Int						116.15	117.50	Frc	60			
116.15	117.50	1.35							117.50	118.15	Cy	Perv	Mod												
116.15	117.50	1.35							117.50	118.15	Chl	Perv	Int												
117.50	118.15	0.65	Va	GRN	ser-chl-clay altered XT				117.50	118.15	Ser	Perv	Int						117.50	118.15	Frc	60			
117.50	118.15	0.65																							
117.50	118.15	0.65																							
117.50	118.15	0.65																							
117.50	118.15	0.65																							
117.50	118.15	0.65																							
118.15	120.95	2.80	Va	GRN	bleached green XT				118.15	120.95	Blch	Bn	Mod						118.15	120.95	Frc	60			
118.15	120.95	2.80																							
118.15	120.95	2.80																							
120.95	121.30	0.35	QV		barren qtz veins, 5 and 15cm																				
121.30	131.20	9.90	XT	GRN	siliceous green XT w/ moderate qtz-cal veining, qtz- cal vein <10cm w/ py at 80 tca at 125m, barren qtz vein <5cm at 126.2m																				
121.30	131.20	9.90							121.30	131.20	Cb	Vn	Mod		121.30	131.20	Py	qtz-cal vein <10cm w/ py at 80 tca at 125m							
121.30	131.20	9.90																							
121.30	131.20	9.90																	121.30	131.20	Frc	60			
131.20	136.30	5.10	XT	MAR	maroon XT w/ intense qtz-cal veining and cal crackle fillings																				
131.20	136.30	5.10							131.20	136.30	Cb	Vn	Mod												
131.20	136.30	5.10																							
136.30	139.00	2.70	XT	G-M	ser alt XT above fault zone				136.30	139.00	Ser	Perv	Int						131.20	136.30	Frc	60			
136.30	139.00	2.70							136.30	139.00	Cy	Perv	Pre												
136.30	139.00	2.70																	136.30	139.00	Frc	45			
139.00	140.30	1.30	FT						139.00	140.30	Cy	Gg													
139.00	140.30	1.30																	139.00	140.30	Flt				
140.30	143.35	3.05	Va	MAR	XT w/ ser alt w/ some hem alt below the fault				140.30	143.35	Ser	Perv	Int						140.30	143.35	Frc	80			
140.30	143.35	3.05							140.30	143.35	He	Perv	Pre												
140.30	143.35	3.05																							

Lithology						Alteration				Mineralization				Structure									
From	To	Len	Rk	Type	Minor Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
143.35	145.55	2.20	Va	GRN		ser-chl alt green XT w/ diss py		143.35	145.55	Py	Perv												
143.35	145.55	2.20						143.35	145.55	Chl	Perv	Mod											
143.35	145.55	2.20						143.35	145.55	Ser	Perv	Mod											
143.35	145.55	2.20											143.35	145.55	Py								
143.35	145.55	2.20																					
145.55	165.80	20.25	Va	MAR		ser-hem alt maroon XT w/ patchy clay alt and vuggy tuff and qtz-cal veins, all indicating a weak welded tuff with high porosity for hot oxidizing fluids																	
145.55	165.80	20.25						145.55	165.80	He	Perv	Int											
145.55	165.80	20.25						145.55	165.80	Oxid	Perv	Int											
145.55	165.80	20.25						145.55	165.80	Ser	Perv	Int											
145.55	165.80	20.25						145.55	165.80	Cy	Perv	Int											
145.55	165.80	20.25																					
165.80	166.65	0.85	Va	BLE		bleached green XT above QV																	
165.80	166.65	0.85						165.80	166.65	Blch	Perv												
165.80	166.65	0.85																					
166.65	166.75	0.10	QV			Qtz veins w/ intercalated py cubes																	
166.65	166.75	0.10						166.65	166.75	Py	Vn												
166.65	166.75	0.10						166.65	166.75	Qz	Vn												
166.65	166.75	0.10											166.65	166.75	Py		in qtz veins over 10cm						
166.65	166.75	0.10																					
166.75	169.00	2.25	Va	BLE		bleached green XT below QV, qtz vein <1cm at lower contact at 60 tca																	
166.75	169.00	2.25						166.75	169.00	Blch													
166.75	169.00	2.25																					
169.00	176.08	7.08	XT	MAR		siliceous maroon XT																	
169.00	176.08	7.08						169.00	176.08	Cb	Vn	Mod											
169.00	176.08	7.08																					
176.08	176.58	0.50	Va	BLE		bleached green XT hosting qtz vein w/patchy py																	
176.08	176.58	0.50						176.08	176.58	Qz	Perv												
176.08	176.58	0.50						176.08	176.58	Blch	Perv	Int											
176.08	176.58	0.50						176.08	176.58	Py	Perv												

Lithology								Alteration				Mineralization					Structure					
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
176.08	176.58	0.50											176.08	176.58	Py		patchy within 10cm qtz vein					
176.58	178.95	2.37	XT	MAR	siliceous maroon XT, py vein <1mm at 30 tca at 177.08m																	
176.58	178.95	2.37						176.58	178.95	Cb	Vn	Wk	176.58	178.95	Py		<1mm at 30 tca at 177.08m					
176.58	178.95	2.37																176.58	178.95	Frc	45	
178.95	181.45	2.50	XT	GRN	siliceous green XT w/ qtz-cal vein <2cm at 30 tca w/ py spots at 179.4m																	
178.95	181.45	2.50						178.95	181.45	Qz	Vn		178.95	181.45	Py		within qtz vein <2cm at 179.4m					
178.95	181.45	2.50																178.95	181.45	Frc	80	
181.45	189.00	7.55	XT	G-M	intercalated siliceous maroon and green XT w/ qtz-cal veins <1cm, veins are folded, cut off, at 80 or subparallel tca																	
181.45	189.00	7.55						181.45	189.00	Cb	Vn	Int						181.45	189.00	Frc	60	



Dome Mountain Project Database

Hole Number: DM-16-087

Drill Hole Log

Grid-X: 653,083.12

Brg: 7.50

3.48

Surveyor: JH-GPS-RTK

Drill: Driftwood Diamond Drilling

Grid-Y: 6.068.813.76

Dip: -64.20

Casing: 3.

Survey Date: 27-Sep-1

Drill Dates: 26-Jan-16 to

Grid-Z: 1.393.68

Depth: 266.40

Casing: yes

Geologist: Rob Reves

NTS: 931 077

Claim: 0

Comments: Boulder Vein 1.65m thick at 70 degrees and FW vein 1.88m thick @ 15 degrees. Drilled subparallel to other vein(s) 151.64 - 181.4m; some cross-orientation veins suggest ladder-vein situation.

Lithology							Alteration				Mineralization				Structure							
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
23.35	23.87	0.52		AT	M-G		Ash Tuff section, brecciated in downhole part															
37.72	39.87	2.15	AT		MAR		Maroon Ash Tuff, weakly laminated at uphole end (not BTm unit) and brecciated downhole, gradational into next unit. Ground core ends at 7.85m Cb appears as stringers, matrix and coalescing blobs.															
37.72	39.87	2.15						37.72	39.87	Cb	Mtx	Str						37.72	38.20	Bd	55	
37.72	38.20	0.48																				
39.87	47.07	7.20	FP		GRN		Porphyritic flow (AB unit?) without evident amygdales. Maroon at uphole end, but mainly green-grey. 46.3 - 46.9n: chloritic section fractured at 0 to 20 degrees TCA, with minor clay gouge. Irreg downhole contact.															
39.87	47.07	7.20						39.87	47.07	Chl	Str	Mod										
39.87	47.07	7.20						39.87	47.07	Ep	Str	Wk										
39.87	47.07	7.20						39.87	47.07	Cb	Str	Wk										
47.07	48.86	1.79	AT		MAR		Maroon Ash Tuff, brecciated, texture obscured by cb alteration as matrix and stringers. Brecciated or arbitrary downhole contact.															
47.07	48.86	1.79						47.07	48.86	Cb	Mtx	Mod										
48.86	63.16	14.30	FP		G-G		Porphyritic flow with local brecciated sections. Mainly green with hem'd phenos, local sections maroon or epidote-green. Brecciated 48.86 - 49.3m, 53.35 - 54.2m & 58.46 -58.61m, with increased cb altn as stringers and matrix, and increased hem matrix. 54.9 - 57.1m: weakly crackled with cb stwk veins up to 1cm.															
48.86	63.16	14.30						48.86	63.16	Cb	Pch	Wk						63.15	63.16	LC	75	sharp
63.15	63.16	0.01																				

Lithology					Alteration				Mineralization				Structure											
From	To	Len	Rk	Typ	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments		
63.16	64.22	1.06	AT	MAR	Maroon-red & white mottled Ahs Tuff interflow unit, coarsening and more brecciated downhole. Irregular downhole contact.																			
63.16	64.22	1.06																						
64.22	71.43	7.21	AB	GRN	Amygdaloidal Basalt (FP?) porphyritic with amygdales in 25cm at uphole end. Maroon from 64.22 - 65.8m, fading to green or green-grey. Two qz-cb veins 1 - 2cm with narrow ep envelopes at 5 - 20 degrees TCA. 69.2 - 70.1m: chl-cb shear up to 5cm wide runs sub// TCA. Downhole contact on slickensided minor fault with 3 - 5cm qz-cb-chl vein.					63.16	64.22	Cb	Pch	Mod										
71.40	71.43	0.03																		71.40	71.43	Vn	15	slickensided downhole contact
71.43	71.76	0.33	AT	MAR	Sheared, crumbly, altered tuff unit with variable stringer and banding orientation. Faulted downhole contact																			
71.76	71.97	0.21	NC																					
71.97	74.15	2.18	BTm	MAR	Ash Tuff, locally with weak bedding and cb-speckled characteristic of BTm. Cb stringers, rarely with qz, sub// to bedding, 5% of unit. Broken downhole contact.																			
71.97	74.15	2.18																						
71.97	74.15	2.18																						
74.15	74.48	0.33	Va	G-B	Green-grey to pinkish altered contorted-banded Ash Tuff. Sheared, broken unit, with contorted sheeting/stockwork qz-(chl-hem) stringers crosscutting banding. Gradational downhole contact.					71.97 74.15 Cb Str Mod														
74.15	74.48	0.33	Va	G-B																				
74.48	74.75	0.27																						
74.75	75.02	0.27																						
75.02	75.29	0.27																						
75.29	75.56	0.27																						
75.56	75.83	0.27																						
75.83	76.10	0.27																						
76.10	76.37	0.27																						
76.37	76.64	0.27																						
76.64	76.91	0.27																						
76.91	77.18	0.27																						
77.18	77.45	0.27																						
77.45	77.72	0.27																						
77.72	78.15	0.43																						
78.15	78.58	0.43																						
78.58	79.01	0.43																						
79.01	79.44	0.43																						
79.44	79.87	0.43																						
79.87	80.30	0.43																						
80.30	80.73	0.43																						
80.73	81.16	0.43																						
81.16	81.59	0.43																						
81.59	82.02	0.43																						
82.02	82.45	0.43																						
82.45	82.88	0.43																						
82.88	83.31	0.43																						
83.31	83.74	0.43																						
83.74	84.17	0.43																						
84.17	84.60	0.43																						
84.60	85.03	0.43																						
85.03	85.46	0.43																						
85.46	85.89	0.43																						
85.89	86.32	0.43																						
86.32	86.75	0.43																						
86.75	87.18	0.43																						
87.18	87.61	0.43																						
87.61	88.04	0.43																						
88.04	88.47	0.43																						
88.47	88.90	0.43																						
88.90	89.33	0.43																						
89.33	89.76	0.43																						

Lithology						Alteration				Mineralization				Structure									
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
74.48	86.20	11.72	AT	MAR			Maroon Ash Tuff with fragments transitional to lapilli, and small Lapilli Tuff sections. Small sections dominated by chl-ep altn: 75.58 - 75.77m, 76.95 - 77.67m & 84.97 - 85.25m. At 75.61m, 1mm - 5mm cp- (minor qz) veinlet at 35 degrees TCA.																
75.56	75.70	0.14																75.56	75.70	Aln	45		
76.90	77.30	0.40																76.90	77.30	Aln	40		
77.87	78.20	0.33	LT	MAR														82.00	82.30	Aln	75		
82.00	82.30	0.30																					
82.30	83.40	1.10	LT	MAR																			
86.20	102.80	16.60	LT	MAR			Lapilli Tuff with 15% short sections with sparse lapilli or as Ash Tuff. Hard with little alteration. Maroon except two green sections. Fragments generally subrounded to locally somewhat flattened, max 8cm. Irreg cb-qz stringers 2%, as well as common tension veinlets in larger fragments. Downhole contact irreg, on minor slip.																
96.27	97.65	1.38	AT	GRN			Weakly-bedded coarse Ash Tuff. Internal section 96.9 - 97.16m maroon Lapilli Tuff																
96.27	97.65	1.38	AT	G-B			Coarse Ash Tuff with sparse lapilli to 3cm. Both contacts broken (minor slips?). 104.33 - 104.4m: 0.5 - 2cm irreg banded qz-cb-chl vein with locall bleb py.												96.27	97.65	Bd	55	
101.08	101.40	0.32																					
102.79	102.80	0.01																102.79	102.80	LC	55		
102.80	110.20	7.40	LT	GRN			Green Lapilli Tuff. Fracture spacing average 20cm. 106.31 - 107.28m: core-parallel vein up to 3cm thick qz-cb with 3% cubic py. Gradational downhole contact.																

Lithology						Alteration				Mineralization				Structure												
From	To	Len	Rk	Type	Minor	Color	Description				From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
110.20	122.53	12.33	LT	MAR			Maroon Lapilli Tuff. Fragments subrounded to subangular, commonly flattened, max 3cm. Somewhat siliceous with common qz-cb discontinuous stringers and tension veinlets (in fragments). 113.76 - 114.1m: 1cm vuggy banded qz-cb vein with 3cm chl envelope. Gradational downhole contact.																			
113.76	114.10	0.34																			113.76	114.10	Vn	10		
122.53	134.60	12.07	LT	GRN			Lapilli Tuff with subrounded to somewhat flattened fragments to max 6cm. Sections of Ash Tuff, bleach rock and veining subparallel TCA. Gradational downhole contact. Common 2mm qz-cb veins at various orientations.																			
125.15	125.42	0.27	Va	G-B			Brecciated with minor qz-cb fill & stringers																			
126.10	127.50	1.40	AT	G-B																						
128.77	129.06	0.29	Va	G-B			Core-// qz-cb vein <2cm showing, with blebby py & fg sphalerite.																			
129.70	131.60	1.90	Vas	G-B			Mottled green-buff-pink section. Very irreg 2cm qz-cb-sul vein snakes in and out of section.																			
129.70	131.60	1.90									129.70	131.60	Py	2												
129.70	131.60	1.90									129.70	131.60	Cp	0												
134.60	137.00	2.40	Vas	G-B			Strongly-altered Lapilli Tuff, mottled green to buff to pink. Irreg qz-cb stringer 1 - 4cm thick (exposed) runs roughly // core axis; sulphides clustered mainly near margins																			
134.60	137.00	2.40						134.60	137.00	Chl	Cub	Mod														
134.60	137.00	2.40						134.60	137.00	Ser	Cub	Mod														
134.60	137.00	2.40						134.60	137.00	Py	Cub	Wk														
134.60	136.50	1.90									134.60	136.50	Sph	0												
134.60	136.50	1.90									134.60	136.50	Cp	0												
134.60	136.50	1.90									134.60	136.50	Py	2												
134.60	137.00	2.40																			134.60	137.00	Bn	40		

Lithology						Alteration				Mineralization				Structure									
From	To	Len	Rk	Typ	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
137.00	140.12	3.12	LT	G-M	Lapilli Tuff transitional to Ash Tuff. Patchy green to less common maroon. Fracture spacing 20cm. Maroon sections somewhat siliceous. Common 1 - 2mm qz-cb veinlets locally (in green sections) contain coarse py 10%. Grad downhole contact.																		
140.11	140.12	0.01																140.11	140.12	LC	80	minor structure	
140.12	145.05	4.93	LT	G-M	Lapilli Tuff with ashy sections. Chloritic matrix, with siliceous lapilli. 143.5 - 144.85m: more sheared and crackled, with irreg qz-cb stringers to 1.5cm. Downhole contact on minor slip.																		
143.50	144.85	1.35																143.50	144.85	Sh	60		
145.05	145.72	0.67	QV	WHT	Banded irreg qz(cb) vein with 20% altered wallrock. Orientation varies, overall appears to be 35 degrees TCA. Broken, with clay-chl partings at uphole end. Sulphides mainly marginal and medial in vein. Convoluted downhole contact.																		
145.05	145.72	0.67												145.05	145.72	Sph	2						
145.05	145.72	0.67												145.05	145.72	Py	6						
145.05	145.72	0.67												145.05	145.72	Cp	0						
145.72	146.05	0.33	Va	BLE	Grad downhole contact.				145.72	146.05	Chl	Perv	Wk										
145.72	146.05	0.33							145.72	146.05	Ser	Perv	Mod										
145.72	146.05	0.33							145.72	146.05	Py	Perv	Wk										
146.05	147.00	0.95	LT	G-M	Wk altered. Grad downhole contact.																		
147.00	147.50	0.50	Vas	BLE	Mod altered. Convoluted qz-cb-py vein 2 - 4cm makes up 20% of unit.																		
147.49	147.50	0.01												147.49	147.50	LC	25	minor chl slip					
147.50	151.64	4.14	LT	BRN	Weakly altered Lapilli Tuff, maroon to pink-brown to locally buff.																		
147.50	151.63	4.13												147.50	151.63	Bn	55						
151.63	151.64	0.01												151.63	151.64	LC	50	slicked chl-cb-he vein					

Lithology						Alteration				Mineralization				Structure												
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments			
151.64	152.47	0.83	Vas	G-B			Altered zone green-buff-pink. 151.64 - 152.04m: 3cm irreg banded qz-cb vein with 20% sulphides.																			
151.64	152.04	0.40												151.64	152.04	Py	5									
151.64	152.04	0.40												151.64	152.04	Cp	2									
151.64	152.04	0.40																	151.64	152.04	Vn	10				
152.46	152.47	0.01																	152.46	152.47	LC	55	minor clay slicks			
152.47	154.00	1.53	LT	M-G																						
154.00	156.10	2.10	Vas	G-B			Patchy-altered with irreg veins to 5cm oriented at low angle TCA, with // fractures. Grad downhole contact.																			
154.00	156.10	2.10							154.00	156.10	Ser	Dism	Mod													
154.00	156.10	2.10							154.00	156.10	Py	Dism	Mod													
154.00	156.10	2.10												154.00	156.10	Sph	0									
154.00	156.10	2.10												154.00	156.10	Cp	0									
154.00	156.10	2.10												154.00	156.10	Py	2									
154.00	156.10	2.10																	154.00	156.10	Bn	40				
156.10	157.80	1.70	LT	MAR																						
157.80	158.60	0.80	Va	G-B			Patchy altered zone. Fractures spaced 5cm.																			
158.60	161.64	3.04	Vas	BLE			Mod-strong alteration zone, faint banding. Veins to 6cm at 0 - 70 degrees TCA, but favouring low-angle.																			
158.60	161.73	3.13												158.60	161.73	Sph	0									
158.60	161.73	3.13												158.60	161.73	Py	2									
158.60	161.73	3.13																	158.60	161.73	Bn	45				
161.64	164.65	3.01	LT	G-M			Lapilli Tuff with sparse rounded-flattened fragments to 4cm. Typically maroon fragments in green matrix. Grad downhole contact.																			
161.73	164.65	2.92																	161.73	164.65	Bn	50				
164.65	165.58	0.93	Vas	G-B			Pale green altered zone with local evident lapilli. 15% Irreg qz-cb veins to 3cm with vein- marginal sulphides 5%																			

Lithology							Alteration				Mineralization				Structure									
From	To	Len	Rk	Typ	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
165.58	168.88	3.30	LT	G-B			Weakly-banded, mottled Lapilli Tuff with patchy altered sections. Up to one metre displays siliceous maroon fragments in chloritic matrix. 167.47 - 167.49m: 3cm qz-cb-py-gn vein at 30 degrees TCA.																	
168.88	171.75	2.87	Va	G-B			Mottled greenish to buff near veins, moderately altered zone. 6% veins, mainly one 3cm vein with massive sections sulphides: 25% of vein																	
171.15	171.40	0.25												171.15	171.40	Py	10							
171.15	171.40	0.25												171.15	171.40	Sph	0							
171.15	171.35	0.20																171.15	171.35	Vn	20			
171.75	174.20	2.45	AT	MAR			Ash Tuff, transitional to Lapilli Tuff. Random stringers/lenses cb. Grad downhole contact.																	
171.75	174.20	2.45																171.75	174.20	Bn	35			
174.20	181.40	7.20	Va	G-B			Patchy green to buff altered zone with 25% sections maroon Ash/Lapilli Tuff. 3% irreg qz-cb, locally with blebby sulphides.																	
175.18	175.24	0.06	QV	VAR										175.18	175.24	Cp	5							
175.18	175.24	0.06												175.18	175.24	Py	4	4cm vein						
175.18	175.24	0.06																175.18	175.24	Vn	30			
175.18	175.24	0.06																						
176.96	177.04	0.08	QV	WHT										176.96	177.04	Py	4							
176.96	177.04	0.08																176.96	177.04	Vn	55			
176.96	177.04	0.08																						
181.40	184.26	2.86	AT	MAR			Ash Tuff with scattered lapilli. Mottled maroon-purple with green chloritic vein envelopes & section buff-altered. Irregular stringers/stwk 1mm to 1cm cb and qz-cb-py stringers comprise 4% of rock. Grad downhole contact.																	
182.70	183.02	0.32	Va	G-B																				

Lithology						Alteration				Mineralization				Structure											
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments		
184.26	186.95	2.69	Va	G-B			Variably-altered section green to buff to locally maroon. 2% qz-cb 2cm contorted stringers, except section 186.1 - 186.5m which is 50% qz-cb(py). Downhole contact irreg.																		
186.10	186.50	0.40												186.10	186.50	Sph	0								
186.10	186.50	0.40												186.10	186.50	Py	2								
186.95	188.60	1.65	QV	VAR			Boulder Vein? Banded to massive qz-sul vein with central 5cm gouge zone 188.05 - 188.10m. Vein sections have orientations from 90 to 40 degrees, but overall vein orientation is 70 to 75 degrees TCA.																		
186.95	188.60	1.65												186.95	188.60	Sph	2								
186.95	188.60	1.65												186.95	188.60	Py	5								
186.95	188.60	1.65												186.95	188.60	Cp	2								
186.95	188.59	1.64																186.95	188.59	Bn	70				
188.59	188.60	0.01																188.59	188.60	LC	80				
188.60	189.10	0.50	Va	G-B			Pale green to buff altered zone with qz-py hairlines to 2mm at 70 - 80 degrees TCA.																		
189.10	192.78	3.68	AT	G-B			Ash Tuff with obscure texture. 3% qz-cb stringers. Grad downhole contact.																		
189.10	199.78	10.68																189.10	199.78	Vn	70				
192.78	195.24	2.46	Vas	GRN			Pale green to locally buff altered, 20% veined section. Veins mainly qz-cb (local py or chl) banded/intergrown, more contorted in stronger-altered & bleached sections. Downhole contact sharp at 40 degrees: alteration front.																		
195.24	212.69	17.45	AB	MAR			Maroon Ash Tuff, grading downhole to brownish-frey. Common cb & banded qz-cb str & frc-fill (5% of section) at various orientations, but favouring 50 degrees TCA.																		
212.69	213.42	0.73	Va	GRN			Sheared, chloritized Ash Tuff, with 3% irreg qz-cb stringers with local py. Downhole contact is alteration front.																		

Lithology								Alteration				Mineralization				Structure								
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments		
213.41	213.42	0.01													213.41	213.42	LC	25						
213.42	215.30	1.88	QV	BLE	Banded, contorted qz-cb-chl vein/stwk with 40% section Vas. Vein orientation varies from 5 to 40 degrees TCA; overall vein orientation is about 15 degrees TCA.									213.42	215.30	Py	4							
213.42	215.30	1.88		M-G	Variable maroon to brown-grey to green Ash Tuff with local sparse Lapilli Tuff sections. Hard and little altered. Cb & qz-cb stringers/frc-fill/stwk comprise 2% to locally 10% of section. 226.85 -227.0m: 4cm qz-cb-py + 2cm qz-cb vein at 35 degrees TCA.									215.30	266.40	Vn	60	various other orientations						
215.30	266.40	51.10		Vas	GRN	Green chloritized Ash Tuff with 9cm wk-banded, irreg qz-cb vein with 3% pyrite on vein margins.									215.30	266.40	Vn	60	various other orientations					
260.60	261.04	0.44																						



Dome Mountain Project Database

Hole Number: DM-16-088

Drill Hole Log

Grid-X: 653,758.30

Brg: 3.80

Ovb: 30.10

Surveyor: JH-GPS-RTK

Drill: Driftwood Diamond Drilling

Grid-Y: 6,068,810.63

Dip: -45.00

Casing: 16.50

Survey Date: 27-Sep-16

Drill Dates: 28-Jan-16 **to** 30-Jan-16

Grid-Z: 1,241.15

Depth: 135.00

Recover Casing: yes

Core Size: HQ

Geologist: Mathias Westphal

NTS:

Claim: 0

Area: DOME MOUNTAIN

Log Dates: 30-Jan-16 **to** 31-Jan-16

Target:

Comments:

Lithology						Alteration					Mineralization					Structure										
From	To	Len	Rk	Type	Minor	Color	Description					From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
0.00	30.10	30.10	OB																							
30.10	53.60	23.50	AR	BLK			compact AR w/ sections broken due to graphite veins w /some py e.g. At 39m, 44m, 42.8 to 46m, some brecciated sections show cal healing																			
30.10	53.60	23.50										30.10	53.60	Cb	Vn	Mod										
30.10	53.60	23.50										30.10	53.60	Grph	Vn	Int										
30.10	53.60	23.50															30.10	53.60	Py		within graphite veins					
30.10	53.60	23.50																								
53.60	56.75	3.15	V/S	BLK			intercalated AT and AR					53.60	56.75	Cb	Vn	Pre										
53.60	56.75	3.15																								
53.60	56.75	3.15																								
56.75	59.03	2.28	AT	GRY			light gray siliceous welded AT					56.75	59.03	Cb	Vn	Pre										
56.75	59.03	2.28																								
56.75	59.03	2.28																								
59.03	70.80	11.77	XT	GRN			siliceous and welded XT					59.03	70.80	Cb	Vn	Wk										
59.03	70.80	11.77																								
59.03	70.80	11.77																								
70.80	77.20	6.40	LT	GRN			siliceous welded LT, vuggy qtz-cal veins at top 20cm of the unit, qtz-cal vein <3cm at 30 tca at 71.2m below the vuggy veins, qtz-cal vein <1cm at bottom of the unit																			
70.80	77.20	6.40										70.80	77.20	Blch	Vn	Wk										
70.80	77.20	6.40										70.80	77.20	Cb	Vn	Wk										

Lithology						Alteration				Mineralization				Structure								
From	To	Len	Rk	Type	Minor Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
70.80	77.20	6.40															70.80	77.20	Frc	60		
77.20	81.25	4.05	AT	GRY		siliceous welded AT, intercalated 10cm XT at 78.3m, qtz-cal vein <2cm at 20 tca at 80m.																
77.20	81.25	4.05															77.20	81.25	Frc	60		
81.25	84.00	2.75	XT	GRN		siliceous welded XT																
81.25	84.00	2.75															81.25	84.00	Frc	45		
84.00	85.25	1.25	AT	GRN		siliceous AT w/ intercalated XT																
84.00	85.25	1.25															84.00	85.25	Frc	45		
85.25	88.30	3.05	XT	GRN		siliceous XT w/ diss py																
85.25	88.30	3.05																				
85.25	88.30	3.05																				
88.30	93.00	4.70	XT	GRN		siliceous XT w/ qtz-cal veins <2cm at 60 and 30 tca at 91.8m																
88.30	93.00	4.70																				
93.00	95.00	2.00	LT	GRY		lapilli <2cm, diss py blebs <2mm																
93.00	95.00	2.00																				
93.00	95.00	2.00																				
93.00	95.00	2.00																				
95.00	96.05	1.05	AT	GRN		siliceous AT w/ bqrren qtz <10cm at 95.3m, qtz-cal veins <1.5cm																
95.00	96.05	1.05																				
95.00	96.05	1.05																				
95.00	96.05	1.05																				
96.05	97.05	1.00	AT	GRN		siliceous AT w/ diss py around qtz vein <20cm at 45 tca and qtz vein at 10cm at 45 tca																
96.05	97.05	1.00																				
96.05	97.05	1.00																				
96.05	97.05	1.00																				
97.05	98.95	1.90	LT	M-G		chl alt maroon LT, siliceous																
97.05	98.95	1.90																				
97.05	98.95	1.90																				

Lithology						Alteration				Mineralization				Structure											
From	To	Len	Rk	Typ	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments		
98.95	99.75	0.80	QV	GRN	subparallel qtz-cal vein <2cm w/stringers and bands of py, host XT shows diss py close to the vein																				
98.95	99.75	0.80							98.95	99.75	Py	Perv													
98.95	99.75	0.80							98.95	99.75	Cb	Perv													
98.95	99.75	0.80							98.95	99.75	Qz	Perv													
98.95	99.75	0.80							98.95	99.75	Chl	Perv	Mod		98.95	99.75	Py		in qtz-cal vein running subparallel tca						
98.95	99.75	0.80																							
98.95	99.75	0.80												98.95	99.75	Py		in host of the vein							
98.95	99.75	0.80																	98.95	99.75	Frc	45			
99.75	105.50	5.75	XT	M-G	intercalated maroon LT and green XT, hem and chl alt																				
99.75	105.50	5.75							99.75	105.50	Chl	Perv	Mod												
99.75	105.50	5.75							99.75	105.50	He	Perv													
99.75	105.50	5.75																	99.75	105.50	Frc	45			
105.50	107.45	1.95	XT	GRN	XT w/ diss hem and py, fractures subparallel tca due to qtz-cal <.05cm, chl spot <5cm at 110.1m																				
105.50	107.45	1.95							105.50	107.45	Chl	Pch	Int												
105.50	107.45	1.95							105.50	107.45	Py	Pch													
105.50	107.45	1.95							105.50	107.45	He	Pch													
105.50	107.45	1.95												105.50	107.45	Py			105.50	107.45	Frc	45			
107.45	109.20	1.75	QV		QV <1.5cm w/py subparallel tca, diss py and ser-clay alt adjacent to vein in XT host																				
107.45	109.20	1.75							107.45	109.20	Cy	Vn	Pre												
107.45	109.20	1.75							107.45	109.20	Cb	Vn													
107.45	109.20	1.75							107.45	109.20	Qz	Vn													
107.45	109.20	1.75							107.45	109.20	Ser	Vn	Mod						107.45	109.20	Py		in qtz-cal vein subparallel tca		
107.45	109.20	1.75																							
107.45	109.20	1.75																	107.45	109.20	Frc	45			
107.45	109.20	1.75																							

Lithology						Alteration				Mineralization				Structure											
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments		
109.20	113.80	4.60	Va	M-G			bands of chl alt in hem altered maroon XT, band w/ chl alt from top to 109.5m, 111.3 to 112m, and 112.9 to 113m, hem fracture filling <1mm at 30 tca at 113.6m within chl alt section.																		
109.20	113.80	4.60							109.20	113.80	He	Bn													
109.20	113.80	4.60							109.20	113.80	Cb	Bn	Wk												
109.20	113.80	4.60							109.20	113.80	Chl	Bn	Mod												
109.20	113.80	4.60																							
113.80	114.15	0.35	Va	BLE			ep alt AT																		109.20 113.80 Frc 30
113.80	114.15	0.35							113.80	114.15	Ep	Perv	Pre												
113.80	114.15	0.35							113.80	114.15	Blch	Perv	Mod												
113.80	114.15	0.35																							
114.15	116.03	1.88	XT	MAR			maroon XT w/ qtz-cal veining																		
114.15	116.03	1.88							114.15	116.03	Cb	Vn	Int												
114.15	116.03	1.88																							
116.03	117.00	0.97	Va	BLE			bleached AT w/ chlorite fracture fillings <5mm at 30 tca, 30cm weak bleached XT at bottom of altered section.																		
116.03	117.00	0.97							116.03	117.00	Chl	FF	Int												
116.03	117.00	0.97							116.03	117.00	Blch	FF	Mod												
116.03	117.00	0.97																						116.03 117.00 Frc 60	
117.00	117.50	0.50	XT	MAR			cal crackle fillings																		
117.00	117.50	0.50							117.00	117.50	Cb	FF	Int												
117.00	117.50	0.50																						117.00 117.50 Frc 60	
117.50	117.90	0.40	Va	BLE			bleached AT w/ qtz-cal-py veins <2.5cm in center																		
117.50	117.90	0.40							117.50	117.90	Cb	Perv													
117.50	117.90	0.40							117.50	117.90	Qz	Perv													
117.50	117.90	0.40							117.50	117.90	Blch	Perv	Mod												
117.50	117.90	0.40							117.50	117.90	Py	Perv													
117.50	117.90	0.40																						117.50 117.90 Frc 60	
117.90	118.65	0.75	XT	MAR			w/ cal crackle fillings																		
117.90	118.65	0.75							117.90	118.65	Cb	FF	Int												
117.90	118.65	0.75																						117.90 118.65 Frc 50% crushed, rest not fractured	

Lithology						Alteration				Mineralization				Structure										
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
118.65	119.50	0.85	QV	qtz-cal vein <1.5cm subparallel tca w/ py cubes and spots, host XT shows ser alt, qtz-cal chl veins <4mm at 80 tca																				
118.65	119.50	0.85							118.65	119.50	Py	Perv												
118.65	119.50	0.85							118.65	119.50	Qz	Perv	Int											
118.65	119.50	0.85							118.65	119.50	Cb	Perv	Int											
118.65	119.50	0.85							118.65	119.50	Ser	Perv	Int											
118.65	119.50	0.85								118.65	119.50	Py			py spots and stringers in 1.5cm qtz-cal vein subparallel tca									
118.65	119.50	0.85																						
119.50	119.90	0.40	FT	fault cuts off subparallel qtz-cal-py vein															118.65	119.50	Frc	30		
119.50	119.90	0.40																	119.50	119.90	Flt	30		
119.90	120.60	0.70	Va	BLE	bleached maroon XT w/ vuggy veins																			
119.90	120.60	0.70								119.90	120.60	Blch	Pch	Mod						119.90	120.60	Frc		crushed
119.90	120.60	0.70																						
120.60	127.00	6.40	Va	MAR	maroon minor welded XT w/ strongly vuggy cal veins and open pores within the XT w/hem fillings and some hem alt in XT																			
120.60	127.00	6.40								120.60	127.00	He	Perv	Pre										
120.60	127.00	6.40								120.60	127.00	He	Perv	Mod										
120.60	127.00	6.40																	120.60	127.00	Frc	60		
127.00	128.60	1.60	Va	MAR	cal crackle fillings in XT																			
127.00	128.60	1.60								127.00	128.60	Cb	FF	Int										
127.00	128.60	1.60																	127.00	128.60	Frc	60		
128.60	129.30	0.70	Va	BLE	bleached AT w/ diss py hosting qtz-cal-py vein <10cm at 80 tca, below vein py blebs and spots <3mm are diss in host w/ sharp contact to XT below.																			
128.60	129.30	0.70								128.60	129.30	Cb	Perv											

Lithology						Alteration				Mineralization				Structure										
From	To	Len	Rk	Type	Minor Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments		
128.60	129.30	0.70						128.60	129.30	Blch	Perv	Int												
128.60	129.30	0.70						128.60	129.30	Py	Perv	Int												
128.60	129.30	0.70						128.60	129.30	Qz	Perv													
128.60	129.30	0.70											128.60	129.30	Py									
128.60	129.30	0.70																128.60	129.30	Frc	80			
129.30	132.30	3.00	XT	MAR		maroon XT w/ bands of bleaching and ser alt in veins																		
129.30	132.30	3.00						129.30	132.30	Cb	Bn	Pre												
129.30	132.30	3.00						129.30	132.30	Blch	Bn	Mod												
129.30	132.30	3.00						129.30	132.30	Ser	Bn	Int												
129.30	132.30	3.00																129.30	132.30	Frc	45			
132.30	135.00	2.70	XT	MAR		XT w/ qtz-cal veins and crackle fillings, maroon clay in fracture <3mm at 90 tca at 133.5m.																		
132.30	135.00	2.70						132.30	135.00	Cb	Vn	Pre												
132.30	135.00	2.70						132.30	135.00	Cy	Vn													



Dome Mountain Project Database

Hole Number: DM-16-089

Drill Hole Log

Grid-X: 653,018.86

Brg: 0.50

Ovb: 3.07

Surveyor: JH-GPS-RTK

Drill: Driftwood Diamond Drilling

Grid-Y: 6,068,787.38

Dip: -52.30

Casing: 3.00

Survey Date: 27-Sep-16

Drill Dates: 30-Jan-16 **to** 01-Feb-16

Grid-Z: 1,413.57

Depth: 230.00

Recover Casing: yes

Core Size: HQ

Geologist: Rob Boyce

NTS: 93L 077

Claim: 0

Area: DOME MOUNTAIN

Log Dates: 31-Jan-16 **to** 02-Feb-16

Target: Boulder Vein and Boulder FW

Comments: Drilled from Pad 5. Boulder Vein 0.35m @ 60 degrees TCA, 30% recovery. Flanked by total 0.87m lost core on both sides.

Lithology						Alteration					Mineralization				Structure											
From	To	Len	Rk	Type	Minor	Color	Description					From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
0.00	3.07	3.07	OB				Casing to 3m																			
3.07	6.66	3.59	AB	G-G			Greenish-grey porphyritic Amygdaloidal Basalt. Solid at uphole end to well-fractured at downhole end. Broken downhole contact																			
3.07	7.41	4.34										3.07	7.41	Cb	Perv	Mod										
3.07	7.41	4.34										3.07	7.41	Chl	Perv	Mod										
6.66	7.41	0.75	NC																							
7.41	8.62	1.21	QV	WHT			Massive qz with minor cb or vugs & chl bands or infill.																			
8.61	8.62	0.01																								
8.62	17.20	8.58	AB	MAR			Maroon to grey-olive Amyg Basalt, locally displays as porphyritic. Cb stwk or stringers variable trace to locally 15% of rock. 10.8 - 11.95m: Vuggy, rusty 1cm qz on fracture at 5 degrees. Brecciated downhole contact.														8.61	8.62	LC	20	12cm chl halo	
8.62	17.20	8.58										8.62	17.20	Cb	Pch	Wk										
8.62	17.20	8.58										8.62	17.20	Ep	Pch	Wk										
17.20	17.93	0.73	AT	MAR			Brecciated zone with ashy matrix; maroon-red.																			
17.20	17.93	0.73										17.20	17.93	Cb	Mtx	Str										
17.93	23.48	5.55	AB	G-G			Amyg Basalt green-grey to olive. Ep patchy but generally increases downhole. Cb stringers rare, amygs only at uphole end.																			

Lithology							Alteration					Mineralization					Structure						
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
17.93	23.48	5.55							17.93	23.48	Ep	Pch	Mod										
17.93	23.48	5.55							17.93	23.48	He	Pch	Wk										
17.93	23.48	5.55							17.93	23.48	Cb	Pch	Wk										
23.47	23.48	0.01																23.47	23.48	LC	60		
23.48	23.97	0.49	AT	MAR	Maroon-red Ash Tuff faintly banded. Downhole contact irreg.																		
23.48	23.97	0.49																23.48	23.97	Bn	55		
23.97	37.44	13.47	AB	G-M	Amyg porphyritic Basalt. Variable colour & alteration maroon to greenish, generally increasing ep & decreasing cb downhole.																		
23.97	37.44	13.47																23.97	37.44	LC	60	sharp	
37.44	39.03	1.59	AT	MAR	Mottled white + maroon, massive Ash Tuff to breccia with ashy matrix. Patches white cb up to 30% of some sections. Sharp, irreg downhole contact.																		
38.00	38.80	0.80																38.00	38.80	Bd	60		
39.03	73.95	34.92	AB	G-M	Porphyritic Basalt, locally amyg. Colour varies from more common green to maroon sections. Maroon sections display mod to strong cb altn; green sections have stronger chl and local ep. 40.47 - 40.67m: 5cm qz-cb vein. 49.1 - 49.9m: brecciated, cb-blotc																		
39.03	73.95	34.92							39.03	73.95	Cb	Pch	Mod										
39.03	73.95	34.92							39.03	73.95	He	Pch	Wk										
39.03	73.95	34.92							39.03	73.95	Chl	Pch	Wk										
39.03	73.95	34.92							39.03	73.95	Ep	Pch	Wk										
40.47	40.67	0.20																40.47	40.67	Vn	35		
59.60	60.90	1.30																59.60	60.90	Vn	5		
65.34	65.74	0.40																65.34	65.74	Bd	60		

Lithology						Alteration				Mineralization				Structure									
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
73.95	78.25	4.30	BTm	MAR			Bedded Maroon Ash Tuff with characteristic white cb speckling in coarser beds. Numerous short sequences of upright graded bedding. Minor irreg cb veinlets. Sharp downhole contact on bedding plane.																
73.95	78.25	4.30							73.95	78.25	Cb	Mtx	Str										
73.95	78.25	4.30																	73.95	78.25	Bd	60	
78.25	98.80	20.55	AT	MAR			Massive maroon Ash Tuff, with generally aligned fragments. Local sections bedded. Downhole end 2m shows intense cb-stwk/bx, strong fracturing and oxidized surfaces.																
78.25	98.80	20.55							78.25	98.80	Cb	Str	Mod										
81.00	81.50	0.50																	81.00	81.50	Bd	60	
82.50	83.40	0.90	AT	GRN			Chloritized Ash Tuff with flattened fragments. Irreg cb str. 2cm banded qz-cb-chl str at 89.0m, with 5% banded py and one bleb cp.																
83.40	84.60	1.20																	83.40	84.60	Bd	50	
90.80	91.20	0.40	AT	GRN			Well-fractured green, brecciated Ash Tuff with 40% contorted banded qz-cb-chl veins & bx-matrix. 10cm core loss in this subunit.																
98.75	98.80	0.05																	98.75	98.80	LC	15	contact on cb vein
98.80	114.80	16.00	LT	M-G			Maroon to less-common green Lapilli Tuff with 10% sections bedded Ash Tuff. Fragments rounded to less common subangular; commly somewhat flattened and aligned. Larger fragments commonly show cb-filled tension veins. Uncommon 2mm barren qz-cb veins 93.8																
98.80	114.80	16.00							98.80	114.80	Cb	Str	Mod										
98.80	114.78	15.98																	98.80	114.78	Bd	35	varies 25 to 50

Lithology							Alteration				Mineralization				Structure							
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
102.55	104.70	2.15		LT	GRN		Sparse Lapilli Tuff with siliceous subrounded fragments in green ashy matrix. Irreg vuggt qz-cb veinlets to 3mm, spaced 5cm.															
114.78	114.80	0.02															114.78	114.80	LC	30	sharp alteration change	
114.80	158.30	43.50		LT	G-M		Green Lapilli Tuff with subrounded fragments to 5cm; 30% of section is maroon or transitional. Short sections coarse Ash Tuff with scattered lapilli. Common 1-2mm cb stringers. Scattered qz-cb(vuggy) veinlets to 1.5cm with minor cubic py at: 123.1m, 12															
119.15	119.50	0.35		QV	WHT		5cm qz-cb stwk (40% wallrock) with 3% pyrite at 30 degrees TCA															
132.17	132.24	0.07		QV	WHT		4cm irreg qz-cb vein with 4% py, medial and scattered															
158.30	162.00	3.70		LT	GRN		Green wk-altered Lapilli Tuff. Scattered 1-2cm qz-cb veins - 60cm spacing. Grad downhole contact.															
158.30	162.00	3.70														158.30	162.00	Vn	60			
162.00	164.80	2.80		LT	MAR		Maroon, siliceous Lapilli Tuff. Local concentrations barren qz stringers perpendicular to banding.															
162.00	164.77	2.77														162.00	164.77	Bn	45			
164.77	164.80	0.03														164.77	164.80	LC	75	banded qz-chl vein		
164.80	165.15	0.35		Va	G-B		Pale green to buff Altered Lapilli Tuff. Few qz-cb stringers															
165.15	165.77	0.62		QV	WHT		4 - 10cm wide, curved qz-(cb) vein with sulphide bands on margins or in aggregates. Overall orientation an estimate.															
165.15	165.77	0.62											165.15	165.77	Cp	0						
165.15	165.77	0.62											165.15	165.77	Py	4						
165.15	165.77	0.62											165.15	165.77	Gn	0						
165.15	165.77	0.62														165.15	165.77	Vn	15			

Lithology							Alteration				Mineralization				Structure							
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
165.77	173.15	7.38	Va	G-B	Pale green to buff, mod-altered Lapilli Tuff to Ash Tuff. Common 1mm to 1cm cb and qz-cb(minor py) stringers in two orientations: 55 and 70 degrees, locally contorted. Vein spacing 5 - 10cm, making 5% of section.																	
165.77	173.15	7.38						165.77	173.15	Ser	Perv	Mod										
165.77	173.15	7.38						165.77	173.15	Chl	Perv	Mod										
165.77	173.15	7.38											165.77	173.15	Cp	0						
165.77	173.15	7.38											165.77	173.15	Sph	0						
165.77	173.15	7.38											165.77	173.15	Py	1						
166.52	166.57	0.05	QV	VAR	Irreg qz-py vein								166.52	166.57	Py	12						
166.52	166.57	0.05															166.52	166.57	Vn	75		
166.52	166.57	0.05																				
172.68	172.75	0.07	QV	VAR	Massive qz vein with marginal bands py.																	
172.68	172.75	0.07											172.68	172.75	Py	15						
172.68	172.75	0.07											172.68	172.75	Cp	0						
172.68	172.75	0.07															172.68	172.75	Vn	65		
173.04	173.06	0.02	FT	BLE	clay gouge												173.04	173.06	Flt	70		
173.04	173.06	0.02																				
173.15	173.77	0.62	Va	MAR	Pale maroon-grey, strongly sheared & mod-altered zone. Shear-// banded qz-cb veinlets to 5mm.																	
173.15	173.77	0.62															173.15	173.77	Sh	65		
173.77	182.00	8.23	LT	MAR	Lapilli Tuff grading to 25% sections Ash Tuff and to downhole end into Crystal Tuff. Flattened fragments strongly aligned, orientation variable. Sheared, chloritic section 175.9 -176.95m, oriented 0 -20 degrees TCA. Local brecciated sections healed wit																	
173.77	182.00	8.23															173.77	182.00	Aln	30	variable 0 to 60 degrees	
182.00	182.53	0.53	Va	G-B	Altered Ash Tuff. Strong alignment of fragments, variable orientation. Few qz-cb stringers/lenses. Gradational contacts.																	

Lithology							Alteration					Mineralization					Structure											
From	To	Len	Rk	Type	Minor	Color	Description							From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
182.00	182.53	0.53												182.00	182.53	Chl	Bn	Mod										
182.00	182.53	0.53												182.00	182.53	Ser	Bn	Mod										
182.53	187.22	4.69	XT	MAR	Maroon welded Crystal Tuff with largely equant fragments/crystals, less common aligned flattened grains. 1-4mm qz-cb stringers common, sometimes contorted. 1 - 3cm veins contain blebby pyrite (2%) and associated 5 - 10cm buff alteration zones.																							
187.22	191.85	4.63	Va	BLE	Altered Ash Tuff with massive to banded to convoluted fabric. Local 3mm x 4cm lenses (esp 187.35 - 188.0m) waxy pale green sericite (?). Large sections (40%) less-altered, and maroon to mauve, with very irreg boundaries. Mod fractured. Broken downhol																							
187.22	191.85	4.63												187.22	191.85	Ser	Pch	Wk										
187.22	191.85	4.63												187.22	191.85	He	Pch	Wk										
187.22	191.85	4.63												187.22	191.85	Cy	Pch	Mod										
187.22	191.85	4.63												187.22	191.85	Py	Pch	Mod										
187.22	191.85	4.63												187.22	191.85	Py	0	bands in selected veins										
188.00	188.60	0.60	AT	MAR																								
190.40	191.40	1.00	AT	MAR																								
191.85	192.28	0.43	Vas	BLE	Strongly altered section with convoluted banding and veins (25%). Well-fractured with core loss internal and downhole end.																							
191.85	192.28	0.43																										
191.85	192.28	0.43																										
192.28	192.50	0.22	NC		Core loss in alteration zone (+ fault?) next to vein																							
192.50	192.85	0.35	QV	WHT	Banded qz-py vein. Much of the core ground to rubble. Along with adjacent alteration and fault zones core loss, recovery is about 30%. Broken downhole contact.																							

Lithology						Alteration				Mineralization					Structure										
From	To	Len	Rk	Typ	Minor	Color	Description				From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
192.50	192.78	0.28								192.50	192.78	Sph	0												
192.50	192.78	0.28								192.50	192.78	Py	5												
192.50	192.78	0.28								192.50	192.78	Cp	2												
192.50	192.78	0.28														192.50	192.78	Bn	60						
192.85	193.50	0.65	NC				Core lost adjacent to vein. Lithology change suggests there was a fault																		
193.50	194.10	0.60	XT	MAR			Maroon siliceous Crystal Tuff (?) - texture obscured. Shot through with intense qz hairline stwk. Downhole contact on irreg chloritic slip.																		
193.50	194.10	0.60						193.50	194.10	Qz	Stwk	Str													
194.10	196.28	2.18	Vas	BLE			Mod to strongly altered volcanics, buff to lesser green or pink. Banded qz-sul veins to 5cm make up 15% of unit. Contacts on irreg veins.																		
194.28	194.55	0.27								194.28	194.55	Py	6												
194.30	194.50	0.20																							
194.55	195.44	0.89	Va	G-B						194.55	196.88	Py	2												
194.55	196.88	2.33																							
194.70	194.75	0.05																							
196.28	223.80	27.52	XT	M-G			Massive Crystal Tuff Unit, generally siliceous despite colour varying from maroon through grey to green. Qz-cb stwk (+ frc-fill) common, varying from 2% to 10% of rock. Local 1 - 2cm qz-cb veins contain 2 - 5% sulphides. EOH 223.8m																		
196.86	196.88	0.02																		196.86	196.88	LC	70		
199.46	199.88	0.42	Va	BLE						199.46	199.88	Py	2												
199.46	199.88	0.42																							
209.55	209.90	0.35								209.55	209.90	Py	2												
211.66	211.90	0.24								211.66	211.90	Py	2												
223.10	223.80	0.70								223.10	223.80	Py	2												
223.10	223.80	0.70								223.10	223.80	Cp	0												
223.10	223.80	0.70								223.10	223.80	Gn	0												



Dome Mountain Project Database

Hole Number: DM-16-090

Drill Hole Log

Grid-X:	653,814.40	Brg:	11.00	Ovb:	29.00	Surveyor:	JH-GPS-RTK	Drill:	Driftwood Diamond Drilling
Grid-Y:	6,068,838.79	Dip:	-63.00	Casing:	18.50	Survey Date:	27-Sep-16	Drill Dates:	30-Jan-16 to 31-Jan-16
Grid-Z:	1,233.47	Depth:	141.00	Recover Casing:	no	Core Size:	HQ	Geologist:	Mathias Westphal
NTS:		Claim:	0	Area:	DOME MOUNTAIN			Log Dates:	01-Feb-16 to 02-Feb-16
Target:						Comments:			

Lithology					Alteration					Mineralization					Structure											
From	To	Len	Rk	Type	Minor	Color	Description					From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
0.00	29.00	29.00	OB																							
29.00	47.00	18.00	AR	BLK	broken AR w/ qtz-cal veining					29.00	47.00	Grph	Vn	Str												
29.00	47.00	18.00								29.00	47.00	Cb	Vn	Int												
29.00	47.00	18.00																								
29.00	47.00	18.00																								
47.00	64.25	17.25	V/S	GRY	intercalated AR and AT					47.00	64.25	Cb	Vn	Wk												
47.00	64.25	17.25								47.00	64.25	Frc	60													
47.00	64.25	17.25																								
64.25	68.15	3.90	AT	GRN	AT w/ intercalated XT					64.25	68.15	Cb	Vn	Wk												
64.25	68.15	3.90								64.25	68.15	Frc	60													
64.25	68.15	3.90																								
68.15	69.00	0.85	FT	BLE	ser-clay alt					68.15	69.00	Ser	Perv	Str												
68.15	69.00	0.85								68.15	69.00	Cy	Perv													
68.15	69.00	0.85																								
69.00	74.95	5.95	XT	GRN	siliceous XT w/ wk qtz-cal veining, some 20cm intercalated AT																					
69.00	74.95	5.95								69.00	74.95	Cb	Vn	Wk												
69.00	74.95	5.95																								
74.95	80.25	5.30	XT	MAR	siliceous XT w/ green <2cm sections, fragments <10cm																					
74.95	80.25	5.30								74.95	80.25	Cb	Vn	Pre												
74.95	80.25	5.30																								
80.25	81.05	0.80	LT	MAR	brecciated LT, fragments <10cm																					
80.25	81.05	0.80								80.25	81.05	Cb	FF	Mod												

Lithology							Alteration					Mineralization					Structure																																				
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments																														
80.25	81.05	0.80																			80.25	81.05	Frc	45																													
81.05	86.80	5.75	LT	MAR	lapilli and clasts <2cm, intercalated green AT <20cm, qtz-cal healed <10cm at 84.6m																																																
81.05	86.80	5.75												81.05	86.80	Cb	Vn	Pre								81.05	86.80	Frc	60																								
81.05	86.80	5.75																																																			
86.80	90.10	3.30	LT	MAR	brecciated w/ flow texture, int qtz-cal FF																																																
86.80	90.10	3.30												86.80	90.10	Cb	Vn	Pre								86.80	90.10	Frc	60																								
86.80	90.10	3.30																																																			
90.10	95.50	5.40	XT	MAR	int qtz-cal FF, QV <5cm at 94m, hem <2mm replacing diss py																																																
90.10	95.50	5.40												90.10	95.50	He	FF	Int																																			
90.10	95.50	5.40												90.10	95.50	Cb	FF	Int																																			
90.10	95.50	5.40																										90.10	95.50	Frc	60																						
95.50	97.00	1.50	FT	MAR	hem-ser-clay alt																																																
95.50	97.00	1.50												95.50	97.00	He	Perv	Int																																			
95.50	97.00	1.50												95.50	97.00	Cy	Perv																																				
95.50	97.00	1.50												95.50	97.00	Ser	Perv	Str																																			
95.50	97.00	1.50																										95.50	97.00	Flt																							
97.00	101.45	4.45	XT	MAR	siliceous XT, transitional lower contact																																																
97.00	101.45	4.45												97.00	101.45	Cb	Vn	Wk																																			
97.00	101.45	4.45																																	97.00	101.45	Frc	80															
101.45	105.10	3.65	Va	MAR	ser-hem alt weakly welded XT, Flt <10cm at 104m																																																
101.45	105.10	3.65												101.45	105.10	He	Perv	Mod																																			
101.45	105.10	3.65												101.45	105.10	Ser	Perv	Mod																																			
101.45	105.10	3.65																																	101.45	105.10	Frc	80															
101.45	105.10	3.65																																																			
105.10	109.20	4.10	Va	MAR	strong ser alt XT w/ some clay maroon and white, vuggy matrix																																																
105.10	109.20	4.10												105.10	109.20	Ser	Perv	Str																																			
105.10	109.20	4.10												105.10	109.20	Cb	Perv	Wk																																			
105.10	109.20	4.10																																																			
109.20	117.80	8.60	Va	MAR	chl alt XT w/ ser-hem alt and vuggy matrix															109.20	117.80	Ser	Perv	Pre																													
109.20	117.80	8.60												109.20	117.80	Cb	Perv	Wk																																			
109.20	117.80	8.60																																																			

Lithology							Alteration				Mineralization				Structure															
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments							
127.25	130.10	2.85	Va	GRN	ser-chl-hem alt XT w/ diss py, hem replacing py from 127.4 to 129m																									
127.25	130.10	2.85										127.25	130.10	Chl	Perv	Mod														
127.25	130.10	2.85										127.25	130.10	He	Perv	Mod														
127.25	130.10	2.85										127.25	130.10	Ser	Perv	Mod														
127.25	130.10	2.85										127.25	130.10	Py	Perv	Pre														
127.25	130.10	2.85										127.25	130.10	Py																
127.25	130.10	2.85										127.25	130.10	Frc		60														
130.10	134.60	4.50	XT	BLK	crushed, brittle XT w/ high porosity and Fe-Mn oxide alt (?)																									
130.10	134.60	4.50										130.10	134.60	Oxid	Perv	Int														
130.10	134.60	4.50										130.10	134.60	Cb	Perv	Wk														
130.10	134.60	4.50																	130.10	134.60	Frc		crushed							
134.60	135.40	0.80	Va	G-M	chl alt XT w/ diss py, intercalated AT																									
134.60	135.40	0.80										134.60	135.40	Py	Perv	Pre														
134.60	135.40	0.80										134.60	135.40	Chl	Perv	Mod														
134.60	135.40	0.80																	134.60	135.40	Frc		60							
135.40	135.45	0.05	QV	WHT	QV w/ py stringers							135.40	135.45	Py	Vn															
135.40	135.45	0.05										135.40	135.45	Qz	Vn															
135.40	135.45	0.05																	135.40	135.45	Vn		60							
135.40	135.45	0.05																												
135.45	136.08	0.63	AT	GRN	AT w/ diss py							135.45	136.08	Py	Dism	Pre														
135.45	136.08	0.63																												
135.45	136.08	0.63																												
136.08	136.20	0.12	QV	WHT	QV w/ py lining							136.08	136.20	Py	Vn															
136.08	136.20	0.12										136.08	136.20	Qz	Vn															
136.08	136.20	0.12																												
136.20	136.50	0.30	Va	G-M	bleaching AT w/chl-hem alt and diss py																									
136.20	136.50	0.30										136.20	136.50	Py	Perv	Pre														
136.20	136.50	0.30										136.20	136.50	Chl	Perv	Pre														
136.20	136.50	0.30										136.20	136.50	He	Perv	Pre														

Lithology								Alteration				Mineralization					Structure					
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
136.20	136.50	0.30						136.20	136.50	Blch	Perv	Mod						136.20	136.50	Frc	80	
136.20	136.50	0.30																				
136.50	141.00	4.50	LT	MAR	siliceous LT, lapilli <1cm, intercalated siliceous XT			136.50	141.00	Cb	Vn							136.50	141.00	Frc	60	
136.50	141.00	4.50																				
136.50	141.00	4.50																				



Dome Mountain Project Database

Hole Number: DM-16-091

Drill Hole Log

Grid-X: 652,954.46

Brg: 0.10

Ovb: 2.66

Surveyor: JH-GPS-RTK

Drill: Driftwood Diamond Drilling

Grid-Y: 6,068,780.96

Dip: -61.80

Casing: 3.00

Survey Date: 27-Sep-16

Drill Dates: 02-Feb-16 **to** 04-Feb-16

Grid-Z: 1,431.43

Depth: 245.00

Recover Casing: yes

Core Size: HQ

Geologist: Rob Boyce

NTS: 93L 077

Claim: 0

Area: DOME MOUNTAIN

Log Dates: 03-Feb-16 **to** 05-Feb-16

Target: Boulder Vein

Comments: Drilled from Pad 3. Boulder Vein encountered 217.09 - 217.71m, as well as two zones of Vas 5m uphole & 2.6m downhole.

Lithology						Alteration					Mineralization				Structure											
From	To	Len	Rk	Type	Minor	Color	Description					From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
0.00	2.66	2.66	OB				Cased to 3m.																			
2.66	27.87	25.21	AB	M-G			Porphyritic Amygdaoidal Basalt varying sections from maroon to green. Maroon sections amygdaloidal to commonly brecciated, with strong cb altn as amygdales, bx-matrix and replacement patches, and a few stringers. Green sections massive wk-mod chloritized with hematized phenos, and local patches epidote in groundmass or as envelopes to rare cb stringers. Increasing chlorite downhole from 18.5m. 24.72 - 25.4m: rubble with gritty clay.																			
21.00	26.00	5.00																								
22.60	26.60	4.00																								
27.86	27.87	0.01																								
27.87	28.08	0.21	AT	MAR			Maroon Ash Tuff, aligned particles & cb veinlets and shearing. Vague downhole contact.																			
28.08	41.40	13.32	FP	GRN			Porphyritic Flow Rock. Fracture spacing 5 - 20cm.																			
28.08	41.40	13.32										28.08	41.40	Chl	Pch	Mod										
28.08	41.40	13.32										28.08	41.40	Ep	Pch	Mod										
28.08	41.40	13.32										28.08	41.40	Cb	Pch	Wk										

Lithology						Alteration				Mineralization				Structure												
From	To	Len	Rk	Typ	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments			
41.40	47.85	6.45	BTm	M-G			Bedded Ash Tuff dominantly maroon with green sections 42.25 - 43.93m & 44.6 - 44.75m. Downhole contact conjectural, where bedding last seen downhole.																			
41.40	47.85	6.45							41.40	47.85	Cb	Mtx	Mod						41.40	47.85	Bd	45	range 40 - 50 degrees			
41.40	47.85	6.45							42.25	43.03	Ser	Perv	Mod													
42.25	43.03	0.78	AT	GRN					42.25	43.03	Chl	Perv	Mod													
42.25	43.03	0.78							44.60	44.75	Ep	Perv	Wk													
42.25	43.03	0.78							44.60	44.75	Chl	Perv	Wk													
44.60	44.75	0.15	AT	G-B					44.60	44.75	Ser	Perv	Str													
47.85	69.90	22.05	AT	MAR			Maroon Ash Tuff, generally massive with aligned fragments, locally bedded. Fragments subrounded to less common subangular, often flattened. 2-4cm cb veins at various angles TCA. Increasingly siliceous downhole. Local breccia with siliceous matrix. Downhole contact gradational.																			
69.90	77.50	7.60	LT	MAR			Maroon-grey Lapilli Tuff with subrounded fragments to 4cm. Fragments commonly host qz expansion veins that don't show in matrix. Generally siliceous except near uphole end. Somewhat finer particles toward downhole end.																			
77.50	77.64	0.14	NC																							
77.64	77.78	0.14	LT	BLE			Pink to grey-buff, sheared, siliceous Lapilli Tuff. Partly broken next to core loss. Broken downhole contact: ground-up core ends.																			
77.64	77.78	0.14						77.64	77.78	Sil	Stwk	Mod														
77.64	77.78	0.14						77.64	77.78	Py	Stwk	Wk														
77.64	77.68	0.04																	77.64	77.68	UC	35	curving clay gouge sfc at 20 - 45 degrees			

Lithology						Alteration				Mineralization				Structure									
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
77.78	132.70	54.92	LT	M-G	Lapilli Tuff with subrounded fragments up to 6cm (locally to 20cm), and 10% interbeds 3cm to 40cm of Ash Tuff. Generally siliceous throughout. Dominantly maroon with 20% sections up to 2m length. Irreg cb & qz-cb stringers 2 - 5%. 1.2m green section hosts isolated 3.5cm banded/intergrown qz-cb vein at 50 degrees TCA, hosting 5% pyrite. Gradational downhole contact.																		
83.60	85.50	1.90												83.60	85.50	Cp	0						
83.60	85.50	1.90												83.60	85.50	Py	1						
132.70	137.05	4.35	AT	M-G	Maroon (uphole) to green (downhole) Ash Tuff with scattered Lapilli to 4cm. Few cb, qz-cb or vuggy qz. Grad downhole contact.																		
137.05	167.00	29.95	LT	MAR	Lapilli Tuff with several short sections fine Lapilli and/or Ash Tuff. Fragments subrounded to locally subangular. Siliceous, dominantly maroon with 10% green sections. Similar to LT section uphole from 77.5m. Gradational size reduction downhole over 2m.																		
151.70	154.23	2.53	LT	GRN	Green Lapilli Tuff with sparse large (5cm) fragments, partly crackle-brecciated. 5% multiphase vuggy qz-cb-(chl) stringers to 3cm.																		
155.00	158.00	3.00												155.00	158.00	Bd	40						
167.00	191.66	24.66	XT	MAR	Maroon Crystal Tuff, locally with lapilli. Siliceous and weakly crackled with qz-cb frc-fill at random orientation, spaced 5mm to 20cm. Some chloritic frc surfaces.																		
167.72	168.36	0.64						167.72	168.36	Cb	Stwk	Wk											
167.72	168.36	0.64						167.72	168.36	Ser	Stwk	Wk											
167.72	168.36	0.64						167.72	168.36	Chl	Stwk	Wk											
167.72	168.36	0.64						167.72	168.36	Sil	Stwk	Mod											
190.81	191.10	0.29						190.81	191.10	Chl	Stwk	Wk											

Lithology								Alteration				Mineralization					Structure					
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
190.81	191.10	0.29						190.81	191.10	Sil	Stwk	Wk										
190.81	191.10	0.29						190.81	191.10	Ser	Stwk	Mod										
190.81	191.10	0.29						190.81	191.10	Cb	Stwk	Wk										
191.66	194.50	2.84	LT	MAR	Maroon siliceous fragmental rock with rounded fragments to 5cm, and interlayers/lenses fine-grained. Possible debris flow? Cracked with qz-cb frc-fll, broken veins & stringers.																	
194.50	195.30	0.80	XT	BRN	Maroon-grey-brown weakly bedded Crystal/Ash Tuff. Grad downhole contact.																	
194.50	195.30	0.80																194.50	195.30	Bd	55	
195.30	197.17	1.87	LT	MAR	Maroon siliceous fragmental rock, similar to section 191.66 - 194.5m.																	
197.17	210.65	13.48	XT	MAR	Maroon-grey Crystal Tuff, with rare coarse fragment, Locally appears sheared, including at downhole end. Siliceous and locally cracked; healed with hairline stockwork qz-cb. Few low-angle stringers to 2cm qz-cb-chl. Grad downhole contac.																	
210.65	212.15	1.50	Vas	G-B	Variable colour green-buff-(pink) alteration zone with chl stronger toward ends, and ser, py & veining stronger in centre. Sheared & locally brecciated. 15% qz-cb-py-(chl) veins/stwk banded, irreg & convoluted. Grad downhole contact.																	
210.65	212.15	1.50						210.65	212.15	Sil	Pch	Wk										
210.65	212.15	1.50						210.65	212.15	Py	Pch	Wk										
210.65	212.15	1.50						210.65	212.15	Chl	Pch	Wk										
210.65	212.15	1.50						210.65	212.15	Ser	Pch	Mod										
211.10	212.03	0.93											211.10	212.03	Py	2						

Lithology						Alteration				Mineralization				Structure										
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
212.15	215.35	3.20	XT	MAR			Crystal Tuff; siliceous, stockworked. Maroon-grey, gradually becoming pink downhole. Shearing and crackling increase downhole from 213.86m with tight stockwork of hairline qz. Few irreg qz-cb-(chl) stringers to 2cm, some showing crosscutting relations. Grad downhole contact, below which pyrite is present in matrix.																	
213.86	215.35	1.49																	213.86	215.35	Sh	55		
215.35	217.09	1.74	Va	G-G			Sheared, weak Alteration Zone, gradually changing downhole from pinkish-green to pale green-grey. Qz-cb stringers 4% of rock, convoluted, max 1.5cm. Downhole contact on small clay fault.																	
215.35	216.85	1.50																	215.35	216.85	Sh	55		
217.08	217.09	0.01																	217.08	217.09	LC	75		
217.09	217.71	0.62	QV	WHT			Boulder Vein. Massive to weakly cracked qz vein with bands & networks of sulphides; almost no cb. Sulphides mainly in downhole half.																	
217.09	217.45	0.36												217.09	217.45	Py	2							
217.45	217.71	0.26												217.45	217.71	Py	7							
217.45	217.71	0.26												217.45	217.71	Gn	1							
217.45	217.71	0.26												217.45	217.71	Cp	2							
217.70	217.71	0.01																	217.70	217.71	LC	70	2mm gouge remaining	
217.71	219.27	1.56	XT	MAR			Crystal Tuff, somewhat sheared, mod-frc'd and cut by qz-cb str. 217.71 - 218m greenish and well-fractured & containing some chloritic gouge in rubble. Grad downhole contact.																	
219.27	220.28	1.01	Va	GRN			Weak-altered zone, locally sheared, with 3% qz-cb. Local dissemin py.																	
220.27	221.60	1.33							220.27	221.60	Chl	Perv	Mod											

Lithology							Alteration				Mineralization				Structure										
From	To	Len	Rk	Type	Minor	Color	Description			From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
220.27	221.60	1.33												220.27	221.60	Py	Perv	Mod							
220.27	221.60	1.33												220.27	221.60	Ser	Perv	Pre							
220.28	221.60	1.32	Vas	GRN			Green altered zone, commonly sheared & cut by 15% planar to convoluted qz-cb-py-(chl) veins/stringers/stwk to 2cm. Grad downhole contact.																		
220.80	221.10	0.30	Vas	BRN																					
221.13	221.20	0.07	QV	VAR			banded qz-cb vein							221.13	221.20	Py	12	bands & cubes							
221.13	221.20	0.07												221.13	221.20	Cp	1								
221.13	221.20	0.07																			221.13	221.20	Vn	40	
221.60	245.00	23.40	XT	G-M			Crystal Tuff, locally varying to Lapilli Tuff. Locally sheared and/or crackled and siliceous. Colour varies from maroon-grey to brownish to 20% green-grey sections. Cut by irreg qz-cb-(chl) stringers 1% to 5%. Pyrite is locally hosted in green sections: cubes in veins and/or dissems, up to 4% over 5 - 10cm sections. Pyrite otherwise absent. No other sulphides observed.																		



Dome Mountain Project Database

Hole Number: DM-16-092

Drill Hole Log

Grid-X: 653,814.38

Brg: 11.00

Ovb: 33.40

Surveyor: JH-GPS-RTK

Drill: Driftwood Diamond Drilling

Grid-Y: 6,068,838.78

Dip: -46.00

Casing: 24.00

Survey Date: 27-Sep-16

Drill Dates: 31-Jan-16 **to** 01-Feb-16

Grid-Z: 1,233.49

Depth: 111.00

Recover Casing: yes

Core Size: HQ

Geologist: Mathias Westphal

NTS:

Claim: 0

Area: DOME MOUNTAIN

Log Dates: 02-Feb-16 **to** 02-Feb-16

Target:

Comments:

Lithology						Alteration					Mineralization					Structure										
From	To	Len	Rk	Typ	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments			
0.00	33.40	33.40	OB																							
33.40	55.80	22.40	AR	BLK			graphite intercalated causing fracture at 45 tca, some qtz-cal <2cm at 30 tca																			
33.40	55.80	22.40							33.40	55.80	Grph	Bn	Int							33.40	55.80	Frc	45			
33.40	55.80	22.40							55.80	64.40	Cb	Vn	Wk							55.80	64.40	Frc	60			
55.80	64.40	8.60	V/S	GRY			intercalated AR-AT-XT																			
55.80	64.40	8.60							64.40	68.10	Ser	Perv	Wk													
55.80	64.40	8.60							64.40	68.10	Chl	Perv	Wk													
64.40	68.10	3.70	XT	GRN			w/fragments of AT <15cm													64.40	68.10	Frc	60			
64.40	68.10	3.70																								
64.40	68.10	3.70																								
68.10	71.50	3.40	XT	GRY			AT 30cm at top of unit, very few qtz-cal veinlets, qtz-cal <3mm folded and subparallel tca																			
68.10	71.50	3.40							68.10	71.50	Cb	FF	Wk													
71.50	73.40	1.90	Va	G-G			bleaching and chl-ser alt AT w/ diss py																			
71.50	73.40	1.90							71.50	73.40	Chl	Perv	Mod													
71.50	73.40	1.90							71.50	73.40	Py	Perv	Pre													
71.50	73.40	1.90							71.50	73.40	Ser	Perv	Mod													
71.50	73.40	1.90							71.50	73.40	Blch	Perv	Pre													
73.40	73.70	0.30	QV	WHT			w/ cpy and py, subparallel tca													71.50	73.40	Frc	80			
73.40	73.70	0.30							73.40	73.70	Qz	Vn														
73.40	73.70	0.30							73.40	73.70	Py	Vn														

Lithology						Alteration				Mineralization				Structure													
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments				
73.40	73.70	0.30												73.40	73.70	Cp											
73.40	73.70	0.30												73.40	73.70	Py											
73.40	73.70	0.30																	73.40	73.70	Frc	80					
73.70	75.60	1.90	Va	G-G			bleaching and chl-ser alt AT w/ diss py, qtz-py vein <3cm subparallel tca from 74.95 to 75.4m																				
73.70	75.60	1.90							73.70	75.60	Ser	Perv	Pre														
73.70	75.60	1.90							73.70	75.60	Blch	Perv	Mod														
73.70	75.60	1.90							73.70	75.60	Py	Perv	Pre														
73.70	75.60	1.90							73.70	75.60	Chl	Perv	Pre														
73.70	75.60	1.90												73.70	75.60	Py											
73.70	75.60	1.90																	73.70	75.60	Frc	80					
75.60	77.80	2.20	XT	G-M			w/ diss py and qtz-cal veins		75.60	77.80	Cb	Vn	Mod														
75.60	77.80	2.20							75.60	77.80	Py	Vn	Pre														
75.60	77.80	2.20												75.60	77.80	Py											
75.60	77.80	2.20																	75.60	77.80	Frc	80					
77.80	80.90	3.10	Va	BLE			bleached maroon LT, lapilli <5cm, ser-chl alt w/ diss py																				
77.80	80.90	3.10							77.80	80.90	Py	Perv	Pre														
77.80	80.90	3.10							77.80	80.90	Blch	Perv	Mod														
77.80	80.90	3.10							77.80	80.90	Chl	Perv	Mod														
77.80	80.90	3.10							77.80	80.90	Ser	Perv	Mod														
77.80	80.90	3.10												77.80	80.90	Py											
77.80	80.90	3.10																	77.80	80.90	Frc	80					
80.90	81.60	0.70	QV				qtz veins <4cm at 45 tca		80.90	81.60	Qz	Vn	Mod														
80.90	81.60	0.70																	80.90	81.60	Vn	45					
81.60	83.70	2.10	Va	MAR			XT w/ diss py, hem replacing py w/ vuggy matrix from 82.7 to 83.7m																				
81.60	83.70	2.10							81.60	83.70	Cb	Vn	Mod														
81.60	83.70	2.10							81.60	83.70	He	Vn	Pre														
81.60	83.70	2.10							81.60	83.70	Py	Vn	Pre														
81.60	83.70	2.10												81.60	83.70	Py											
81.60	83.70	2.10																	81.60	83.70	Frc	45					

Lithology						Alteration				Mineralization				Structure												
From	To	Len	Rk	Typ	Minor	Color	Description				From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
83.70	101.55	17.85	LT	MAR	a sequence of LT intercalated w/ some XT and AT, all siliceous and strongly welded, LT shows intense qtz-cal veining and FF, AT shows little veining																					
83.70	101.55	17.85																								
83.70	101.55	17.85																								
101.55	101.75	0.20	QV		barren at 75 tca						83.70	101.55	Cb	Vn	Int							83.70	101.55	Frc	60	
101.75	111.00	9.25	LT		same unit as above barren QV																					
101.75	111.00	9.25																								
101.75	111.00	9.25																								



Dome Mountain Project Database

Hole Number: DM-16-093

Drill Hole Log

Grid-X: 652,954.50

Brg: 0.10

Ovb: 2.60

Surveyor: JH-GPS-RTK

Drill: Driftwood Diamond Drilling

Grid-Y: 6,068,780.70

Dip: -46.80

Casing: 3.00

Survey Date: 27-Sep-16

Drill Dates: 05-Feb-16 **to** 06-Feb-16

Grid-Z: 1,431.45

Depth: 230.00

Recover Casing: yes

Core Size: HQ

Geologist: Rob Boyce

NTS: 93L 077

Claim: 0

Area: DOME MOUNTAIN

Log Dates: 06-Feb-16 **to** 07-Feb-16

Target: Boulder Vein

Comments: Drilled from Pad 3. Vas section with hi Cp 87.9 - 91.88m. Qz veins 190.28 - 190.84m, 193.83 - 195.0m (Boulder?) & 200.37 - 200.85m within Va/Vas zone 186.9 - 200.85m.

Lithology						Alteration					Mineralization				Structure												
From	To	Len	Rk	Type	Minor	Color	Description					From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
0.00	2.60	2.60	OB				Cased to 3m.																				
2.60	17.11	14.51	AB	M-G			Porphyritic Amygdaloidal Basalt, massive to crackled to locally amyg. Uphole half is maroon, gradually changing in a brecciated zone into green downhole half. Cb patches/frac-fill/stwk locally contains qz. Downhole contact sharp, irreg.																				
2.60	11.50	8.90										2.60	11.50	Ep	FF	Pre											
2.60	11.50	8.90										2.60	11.50	Cb	FF	Str											
11.50	17.02	5.52										11.50	17.02	Chl	Perv	Mod											
11.50	17.02	5.52										11.50	17.02	Ep	Perv	Mod											
17.11	18.34	1.23	AT	MAR			Brecciated unit, Ash Tuff at uphole 13cm, ash as matrix to brecciated flow top. Fragments up to 15cm, some amygdaloidal. Obscure downhole contact.																				
17.11	18.34	1.23										17.11	18.34	Cb	Int	Str											
18.34	31.72	13.38	AB	M-G			Massive Porphyritic Amygdaloidal Basalt, similar to section uphole. Maroon and green sections 2 - 4m long. Few 1 - 2cm qz-cb-chl irreg, curving stringers, with general increase in ep envelopes/rims. Downhole contact sharp, irreg.																				

Lithology						Alteration				Mineralization				Structure									
From	To	Len	Rk	Typ	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
31.72	32.14	0.42	AT	MAR	Maroon-red faintly-bedded Ash Tuff. Fades downhole into flowtop breccia, containing ashy matrix.																		
31.80	32.10	0.30																	31.80	32.10	Bd	60	
32.14	48.71	16.57	AB	GRN	Porphyritic Basalt, visibly amygdaloidal near uphole & downhole ends, corresponding to increased hematite (maroon). Most of unit is green.																		
34.60	47.70	13.10							34.60	47.70	He	Perv	Wk										
34.60	47.70	13.10							34.60	47.70	Chl	Perv	Mod										
34.60	47.70	13.10							34.60	47.70	Ep	Perv	Mod										
41.35	41.70	0.35	CV	WHT	Barren cb-qz-chl vein @ 15 degrees TCA.																		
43.11	43.30	0.19	QV	WHT	Banded vuggy barren qz-(chl-cb) vein at 65 degrees TCA. Strong 1 - 3cm chl-ep envelope																		
48.71	53.85	5.14	BTm	MAR	Ash Tuff, bedded to locally massive, with characteristic white cb-speckled matrix to maroon/brick ash particles. Arbitrary downhole contact (more massive below)																		
48.71	53.85	5.14							48.71	53.85	Cb	Dism	Str										
48.71	53.85	5.14																	48.71	53.85	Bd	40	
53.85	83.60	29.75	AT	MAR	Massive to bedded to welded Ash Tuff with scattered fine lapilli, dominantly maroon with green sections up to 2m. General decrease in cb downhole with increase in silica. Scattered qz-cb stringers max 1cm. Grad downhole contact.																		
53.85	55.15	1.30							53.85	55.15	Cb	Dism	Str										
53.85	64.00	10.15																	53.85	64.00	Bd	40	varies 25 - 50
55.15	55.72	0.57							55.15	55.72	Chl	Perv	Mod										
55.15	55.72	0.57							55.15	55.72	Py	Perv	Wk										
55.15	55.72	0.57							55.15	55.72	Ep	Perv	Wk										
55.72	61.58	5.86							55.72	61.58	Cb	Dism	Str										
61.58	63.46	1.88							61.58	63.46	Py	Perv	Pre										

Lithology						Alteration				Mineralization				Structure									
From	To	Len	Rk	Typ	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
61.58	63.46	1.88																					
62.84	63.07	0.23		QV	WHT		qz-su-cb vein 2-3cm																
62.84	63.07	0.23																	62.84	63.07	Py	5	
62.84	63.07	0.23																	62.84	63.07	Cp	0	
62.84	63.07	0.23																	62.84	63.07	Vn	20	
70.40	71.10	0.70											70.40 71.10 Chl Perv Mod										
83.60	87.90	4.30	LT	G-M	Lapilli Tuff, siliceous, stockworked/brecciated green to pink to maroon. Strong bxn/stwl 85.2 - 85.5m: buff coloured & crumbly (clay + silica), with 2% py dissemin & in qz veinlets.																		
87.90	91.88	3.98	Vas	GRN	Pale to med green Altered Zone in Ash/Lapilli Tuff. Fabric somewhat sheared, with convoluted qz-cb-(ocal sul) <3cm veins make 3% to 25% of unit. Veins oriented 0 - 90 degrees, commonly 25 & 75 degrees TCA.																		
87.90	88.70	0.80																	87.90	88.70	Py	3	
88.70	89.40	0.70																	88.70	89.40	Py	2	
88.70	89.40	0.70																	88.70	89.40	Cp	4	incl 1cm cp vein @ 50 degrees @ 88.75m
89.40	91.88	2.48																	89.40	91.88	Py	2	
89.40	91.88	2.48																	89.40	91.88	Cp	0	blebs in vein @ 91.2m
91.88	129.18	37.30	LT	M-G	Siliceous Lapilli Tuff, with subrounded to locally angular fragments to 8cm (poss minor argillite fragments); dominantly maroon with 20% green sections up to 1.2m. Small qz-cb stringers (locally max 3cm) throughout, esp tension veins within lapilli. Wit																		
129.18	130.00	0.82	LT	MAR	Well-sheared & broken/platy section Maroon to reddish Lapilli Tuff.																		
129.18	130.00	0.82																	129.18	130.00	Frc	20	variable 5 - 40 degrees

Lithology						Alteration				Mineralization				Structure										
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
130.00	147.65	17.65	LT	MAR	Lapilli Tuff similar to previous section 91.88 - 129.18m, with 10% green intervals to 0.6m. Some textures suggestive of debris flow. Gradational downhole contact.																			
141.80	142.20	0.40	Va	G-B	Pale-green-buff Lapilli Tuff with 2cm qz-(cb) vein at 60 degrees TCA contains 6% coarse py																			
141.80	142.20	0.40							141.80	142.20	Ser	Dism	Mod											
141.80	142.20	0.40							141.80	142.20	Py	Dism	Wk											
141.80	142.20	0.40							141.80	142.20	Cy	Dism	Mod											
147.65	150.16	2.51	Va	G-B	Mod-altered zone in Lapilli Tuff, somewhat banded & sheared, pale to med green to buff. 1 - 10% qz-cb-py stringers to 1cm.																			
147.65	150.16	2.51							147.65	150.16	Ser	Pch	Wk											
147.65	150.16	2.51							147.65	150.16	Py	Pch	Wk											
147.65	150.16	2.51							147.65	150.16	Chl	Pch	Mod											
147.65	150.16	2.51								147.65	150.16	Py		2										
150.16	155.12	4.96	LT	GRN	Green Lapilli Tuff, mod frc'd, scattered qz-cb stringers to 1cm, locally with pyrite. Weaker-altered than next unit uphole.																			
150.16	155.12	4.96							150.16	155.12	Py	Dism	Wk											
155.11	155.12	0.01																	155.11	155.12	LC	45	contact on small clay gouge fault	
155.12	184.11	28.99	LT	MAR	Maroon Lapilli Tuff similar to described section 91.88 - 129.18m, with 2% green intervals to 1m. Pyrite noted in qz stringers near 157.5 - 157.6, otherwise virtually absent from unit. 183.4 - 184.11m decreased silica.																			
173.40	174.06	0.66	Va	GRN	173.44 - 173.51m: banded 5cm qz-cb-py vein with 5% bleb/cube pyrite																			
184.09	184.11	0.02																	184.09	184.11	LC	70	qz-cb vein	

Lithology						Alteration				Mineralization				Structure									
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
184.11	186.90	2.79	AT	MAR	Siliceous, crackled Ash Tuff with narrow stwk/frc-fill qz-cb 184.11 - 184.7m bleached buff-green with less silica, more clay-sericite.																		
186.90	190.28	3.38	Va	BLE	Strongly altered & bleached zone developed in AT/XT. Zone is siliceous, so not as soft as some similar sections adjacent to a vein.																		
186.90	190.28	3.38						186.90	190.28	Ser	Perv	Wk											
186.90	190.28	3.38						186.90	190.28	Cy	Perv	Str											
186.90	190.28	3.38						186.90	190.28	Py	Perv	Wk											
186.90	190.28	3.38						186.90	190.28	Sil	Perv	Mod											
186.90	190.28	3.38							186.90	190.28	Py		3	some vfg sulphides may be other minerals									
186.90	190.28	3.38							186.90	190.28	Cp		0										
186.90	190.28	3.38							186.90	190.28	Gn		0										
190.27	190.28	0.01																190.27	190.28	LC	80	sharp	
190.28	190.84	0.56	QV	WHT	Banded qz-sulphide vein with 1cm internal gouge.																		
190.28	190.84	0.56							190.28	190.84	Cp		0										
190.28	190.84	0.56							190.28	190.84	Py		4										
190.28	190.84	0.56							190.28	190.84	Sph		1										
190.83	190.84	0.01																190.83	190.84	LC	75	minor slip	
190.84	192.50	1.66	Va	BLE	Intensely bleached, altered and sheared zone. Mod-frc'd in various orientations. Minor gouge surfaces.																		
190.84	192.37	1.53						190.84	192.37	Sil	Perv	Wk											
190.84	192.37	1.53						190.84	192.37	Cy	Perv	Str											
190.84	192.37	1.53						190.84	192.37	Py	Perv	Wk											
190.84	192.37	1.53						190.84	192.37	Ser	Perv	Wk											
192.37	192.48	0.11	QV	WHT	Banded qz-sul vein.													192.37	192.48	Py	5		
192.37	192.48	0.11																192.37	192.48	Cp	1		
192.48	192.50	0.02	FT	GRY	2cm clay fault boundary														192.48	192.50	Flt	75	

Lithology						Alteration				Mineralization				Structure													
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments				
192.50	193.83	1.33	Vas	GRY	Pinkish-grey siliceous, sheared/stwk'd, altered zone.																						
192.50	193.83	1.33							192.50	193.83	Py	Bn	Wk														
192.50	193.83	1.33							192.50	193.83	Ser	Bn	Mod														
192.50	193.83	1.33							192.50	193.83	Cy	Bn	Wk														
192.50	193.83	1.33							192.50	193.83	Sil	Bn	Str														
192.50	193.83	1.33																	192.50	193.83	Bn	65					
193.83	194.46	0.63	QV	VAR	Banded/stwk'd Quartz-Sulphide Vein. Sharp, undulating contacts																						
193.83	194.46	0.63												193.83	194.46	Py	8										
193.83	194.46	0.63												193.83	194.46	Cp	0										
193.83	194.46	0.63												193.83	194.46	Sph	0										
194.46	195.00	0.54	QV	WHT	Bull qz vein with 20% wedges bleached wallrock, which contains coarse cubic pyrite. Irreg downhole contact.																						
194.46	195.00	0.54												194.46	195.00	Py	3										
194.46	195.00	0.54												194.46	195.00	Cp	0										
195.00	197.00	2.00	Va	G-B	Altered zone developed in XT/AT, decreasing intensity downhole																						
195.00	197.00	2.00																									
195.25	195.65	0.40	Vas	BLE																							
195.25	195.65	0.40												195.25	195.65	Sph	0										
195.25	195.65	0.40												195.25	195.65	Py	6	cubes to8mm									
197.00	199.90	2.90	XT	G-G	Sheared Crystal/Ash Tuff, with irreg stwk qz-cb-chl, including subparallel core. Stwk holds up to 2% pyrite where chl weaker.																						
199.90	200.37	0.47	Vas	GRY	Grey-pink-green Altered Zone with 20% stringers/stwk. Sharp, curved downhole contact appx 75 degrees																						
199.90	200.37	0.47												199.90	200.37	Cp	0										
199.90	200.37	0.47												199.90	200.37	Py	2										

Lithology						Alteration				Mineralization				Structure											
From	To	Len	Rk	Typ	Minor	Color	Description				From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
200.37	200.85	0.48	QV	WHT	Banded, irreg qz-cb-sulphide vein with 30% internal altered wallrock. Irreg downhole contact; only 10cm altered wallrock to vein.																				
200.37	200.85	0.48														200.37	200.85	Py	4						
200.37	200.85	0.48														200.37	200.85	Cp	1						
200.45	200.46	0.01																		200.45	200.46	Flt	85	clay gouge	
200.85	220.80	19.95	XT	GRY	Grey-maroon-green Crystal Tuff, strongly cut by qz-cb stwk, spacing 1 - 5cm. Stwk rarely contains cubic py to 4mm, with more chloritic envelope to 5cm.																				



Drill Hole Log

Grid-X: 653,576.46

Brg: 0.00

Ovb: 16.00

Surveyor: JH-GPS-RTK

Drill: Driftwood Diamond Drilling

Grid-Y: 6,068,801.48

Dip: -63.00

Casing: 21.00

Survey Date: 27-Sep-16

Drill Dates: 03-Feb-16 to 05-Feb-16

Grid-Z: 1,275.99

Depth: 264.00

Recover Casing: yes

Core Size: HQ

Geologist: Mathias Westphal

NTS:

Claim: 0

Area: DOME MOUNTAIN

Log Dates: 04-Feb-16 to 06-Feb-16

Target:

Comments:

Lithology						Alteration					Mineralization					Structure										
From	To	Len	Rk	Typ	Minor	Color	Description					From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
0.00	16.00	16.00		OB																						
16.00	28.40	12.40		AR			BLK	broken and crushed AR at 30 and 60 tca due to graphite layers																		
16.00	28.40	12.40																								
16.00	28.40	12.40																								
16.00	28.40	12.40																								
28.40	33.20	4.80		V/S			GRY	intercalated AR and AT, crushed due to ser and clay alt causing vugginess and high porosity																		
28.40	33.20	4.80																								
28.40	33.20	4.80																								
33.20	34.50	1.30		AT			BLE	bleached gray AT																		
33.20	34.50	1.30																								
33.20	34.50	1.30																								
33.20	34.50	1.30																								
34.50	36.80	2.30		AT			BLE	bleached green AT																		
34.50	36.80	2.30																								
34.50	36.80	2.30																								
34.50	36.80	2.30																								
36.80	37.80	1.00		LT			GRN	Lapilli <2cm, Upper 20cm green XT, siliceous and welded																		
36.80	37.80	1.00																								
36.80	37.80	1.00																								

Lithology						Alteration				Mineralization				Structure																
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments							
37.80	41.00	3.20	LT	G-G	green LT w/ lapilli <1cm, intercalated gray XT, bottom LT w/ lapilli <3cm																									
37.80	41.00	3.20									37.80	41.00	Cb	Vn	Wk					37.80	41.00	Frc	60							
37.80	41.00	3.20									41.00	42.80	Cb	Vn	Pre					41.00	42.80	Frc	60							
41.00	42.80	1.80	LT	M-G	lapilli <1cm, siliceous																									
41.00	42.80	1.80									42.80	46.50	Blch	Pch	Wk															
41.00	42.80	1.80									42.80	46.50	Cb	Pch	Wk					42.80	46.50	Frc	60							
42.80	46.50	3.70	XT	GRN	siliceous XT w/ some gray bleached sections <10cm																									
42.80	46.50	3.70									42.80	46.50	Blch	Pch	Wk															
42.80	46.50	3.70									42.80	46.50	Cb	Pch	Wk					42.80	46.50	Frc	60							
46.50	50.30	3.80	Va	GRY	gray XT w/ intercalated LT and AT, ser alt and vuggy cal veining at 10to20 tca above flt zone																									
46.50	50.30	3.80									46.50	50.30	Ser	Vn	Int															
46.50	50.30	3.80									46.50	50.30	Ser	Vn	Mod															
46.50	50.30	3.80									46.50	50.30	Cb	Vn	Mod					46.50	50.30	Frc	80							
46.50	50.30	3.80																												
50.30	52.00	1.70	FT	flt w/ strong ser and clay alt										50.30	52.00	Cy	Perv													
50.30	52.00	1.70									50.30	52.00	Ser	Perv	Str															
50.30	52.00	1.70																	50.30	52.00	Flt	80								
52.00	55.95	3.95	Va	BLE	white bleached maroon XT w/ int ser alt																									
52.00	55.95	3.95									52.00	55.95	Blch	Perv	Int															
52.00	55.95	3.95									52.00	55.95	Ser	Perv	Int					52.00	55.95	Frc	80							
55.95	57.80	1.85	AT	GRN	siliceous green AT										55.95	57.80	Qz	Vn												
55.95	57.80	1.85																	55.95	57.80	Frc	60								
55.95	57.80	1.85																												
57.80	67.30	9.50	LT	MAR	siliceous welded LT, lapilli 1<cm, cal crackle and fracture fillings, vuggy qtz-cal vein <3c, at 60 tca at 59.35m										57.80	67.30	Cb	Vn	Mod					57.80	67.30	Frc	60			
57.80	67.30	9.50																												

Lithology						Alteration				Mineralization				Structure											
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments		
67.30	77.95	10.65	Va	MAR	maroon welded LT w/ creme colored bleaching 10-20cm, mostly associated w/ qtz-cal veins, at 68, 69, 70, 71.8, 73.8, 74.9, and 77.2m at 30 tca, hem <2mm indicates replacement of py, some ep and minor chl alt as well.																				
67.30	77.95	10.65							67.30	77.95	Blch	Pch	Pre												
67.30	77.95	10.65							67.30	77.95	Qz	Pch	Pre												
67.30	77.95	10.65							67.30	77.95	Cb	Pch	Mod												
67.30	77.95	10.65																	67.30	77.95	Frc	30			
77.95	79.20	1.25	AT	MAR	siliceous and welded AT w/ some qtz-cal veins at 30 tca																				
77.95	79.20	1.25							77.95	79.20	Cb	Vn	Pre												
77.95	79.20	1.25																	77.95	79.20	Frc	30			
79.20	80.05	0.85	XT	MAR	XT w/ qtz-cal veining <1cm w/ different orientations at 80, 30, and 0 tca, all w/ minor ep and bleaching																				
79.20	80.05	0.85							79.20	80.05	Cb	Vn	Int												
79.20	80.05	0.85							79.20	80.05	Qz	Vn	Int												
80.05	80.30	0.25	QV		barren QV at 30 tca w/ no natural frc																				
80.05	80.30	0.25							80.05	80.30	Qz	Vn													
80.30	83.00	2.70	XT	MAR	siliceous XT w/ qtz veining <1.5cm at 30 and 0 tca w/ ep alt along qtz-cal vein parallel tca at 82m and 20cm bleaching at 81m																				
80.30	83.00	2.70							80.30	83.00	Qz	Vn	Int												
80.30	83.00	2.70							80.30	83.00	Ep	Vn													
80.30	83.00	2.70							80.30	83.00	Cb	Vn	Int												
80.30	83.00	2.70							80.30	83.00	Blch	Vn	Pre												
80.30	83.00	2.70																	80.30	83.00	Frc	30			
83.00	85.25	2.25	BTm	MAR	in 1cm scale bedding w/ cracks and fracture cal fillings, hem replacing py <3mm spots																				
83.00	85.25	2.25							83.00	85.25	He	Vn													
83.00	85.25	2.25							83.00	85.25	Cb	Vn	Mod												
83.00	85.25	2.25																	83.00	85.25	Frc	30			

Lithology						Alteration				Mineralization				Structure												
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments			
85.25	86.25	1.00	XT	MAR	XT hosting strong qtz-cal veining w/ minor ep alt at top																					
85.25	86.25	1.00							85.25	86.25	Qz	Vn	Str													
85.25	86.25	1.00							85.25	86.25	Ep	Vn														
85.25	86.25	1.00							85.25	86.25	Cb	Vn	Str													
85.25	86.25	1.00																		85.25	86.25	Frc	20			
86.25	87.90	1.65	AT	MAR	siliceous AT w/ crackles of qtz-cal FF																					
86.25	87.90	1.65							86.25	87.90	Cb	FF	Pre													
87.90	89.30	1.40	XT	MAR	ep alt of maroon XT w/ hem replacing py, qtz-cal cracke fillins and veins				87.90	89.30	Cb	Perv	Mod													
87.90	89.30	1.40							87.90	89.30	Ep	Perv	Int													
87.90	89.30	1.40							87.90	89.30	He	Perv														
89.30	92.00	2.70	BTm		maroon bedded tuff/ spotty cal replacing plag and hem replacing py, qtz-cal veins <5mm parallel tca, qtz-cal vein <1cm at 20 tca w/ some ep alt at 91.7m above QV																					
89.30	92.00	2.70							89.30	92.00	Cb	Sp	Int													
89.30	92.00	2.70							89.30	92.00	Qz	Sp	Pre													
89.30	92.00	2.70							89.30	92.00	Cb	Sp	Mod													
89.30	92.00	2.70							89.30	92.00	He	Sp														
89.30	92.00	2.70																	89.30	92.00	Frc	80				
92.00	92.25	0.25	QV		barren QV at 30 tca w/ hemspots and FF replacing py																					
92.00	92.25	0.25							92.00	92.25	Qz	Vn														
92.00	92.25	0.25							92.00	92.25	He	Vn														
92.00	0.00	-92.00																	92.00	0.00	Frc	30				
92.25	96.30	4.05	XT	MAR	maroon XT w/ ep alt along qtz-cal veins at 30 tca																					
92.25	96.30	4.05							92.25	96.30	Ep	Vn	Pre													
92.25	96.30	4.05							92.25	96.30	Cb	Vn	Mod													
92.25	96.30	4.05							92.25	96.30	He	Vn														
92.25	96.30	4.05							92.25	96.30	Qz	Vn	Mod													
96.30	97.20	0.90	Va	BLE	thorough ep alt in XT				96.30	97.20	Ep	Perv	Int													
96.30	97.20	0.90							96.30	97.20	Blch	Perv	Pre													
96.30	97.20	0.90																	96.30	97.20	Frc	45				

Lithology						Alteration				Mineralization				Structure														
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments					
97.20	106.10	8.90	XT	MAR	maroon	XT w/ intense qtz-cal patches and fracture fillings, and hem alt spots, or w/ intense ep alt w/ qtz-cal veins and hem replacing py 10 to 30cm at 99, 99.5, 100.5, 103.6, and 104.4m. Bottom 1m maroon bedded tuff w/ 1cm AT and XT layers.																						
97.20	106.10	8.90							97.20	106.10	Cb	FF	Int															
97.20	106.10	8.90							97.20	106.10	Ep	FF																
97.20	106.10	8.90							97.20	106.10	Qz	FF	Pre			97.20 106.10 Py		tiny remnants										
97.20	106.10	8.90																97.20 106.10 Frc 60										
106.10	106.75	0.65	Va	BLE	bleached	XT w/hem replacing py, tiny remnats of py present																						
106.10	0.00#####								106.10	0.00	He	Perv	Pre															
106.10	0.00#####								106.10	0.00	Blch	Perv	Str															
106.10	106.75	0.65																106.10 106.75 Frc 30										
106.75	108.80	2.05	XT		chl-ep alt	XT w/chl replacing mafic xtals (Pyroxene?) w/ ep rims, some hem alt of py																						
106.75	108.80	2.05							106.75	108.80	Chl	Perv	Int															
106.75	108.80	2.05							106.75	108.80	Ep	Perv																
106.75	108.80	2.05							106.75	108.80	He	Perv	Pre									106.75 108.80 Frc 30						
108.80	112.85	4.05	XT	MAR	mafic minerals replaced by chl w/ ep rim, hem replacing py, qtz-cal fracture fillings and qtz-cal veins <2cm at 30 tca																							
108.80	112.85	4.05							108.80	112.85	Cb	FF																
112.85	113.40	0.55	Va	BLE	ep alt	XT w/ hem replacing py												108.80 112.85 Frc 80										
112.85	113.40	0.55							112.85	113.40	Blch	Perv	Mod															
112.85	113.40	0.55							112.85	113.40	He	Perv	Int															
112.85	113.40	0.55							112.85	113.40	Ep	Perv	Int									112.85 113.40 Frc 30						
113.40	117.10	3.70	XT	MAR	qtz-cal replacing plаг, qtz-cal fracture fillings and qtz-cal veins <3mm at 30 tca																							
113.40	117.10	3.70							113.40	117.10	Cb	FF	Pre															

Lithology						Alteration				Mineralization				Structure									
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
113.40	117.10	3.70																113.40	117.10	Frc	60		
117.10	127.00	9.90	XT	M-G	pyroxen not replaced <1.5mm, qtz-cal veins <5mm at 80 and 30 tca, irregular qtz-cal fracture fillings <5cm, 40cm LT intercalated at 125.5m																		
117.10	127.00	9.90																					
117.10	127.00	9.90																					
117.10	127.00	9.90																					
127.00	127.95	0.95	QV	chl alt qtz-cal-py veins, upper contact at 20 tca, lower contact at 45 tca, qtz-cal veins <5mm w/ patchy semi massive py															117.10	127.00	Frc	80	
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					
127.00	127.95	0.95																					

Lithology							Alteration					Mineralization					Structure							
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
135.00	136.50	1.50							135.00	136.50	Cb	Vn	Int											
135.00	136.50	1.50							135.00	136.50	Py	Vn	Pre											
135.00	136.50	1.50							135.00	136.50	Qz	Vn	Int											
135.00	136.50	1.50												135.00	136.50	Py	in qtz-cal vins							
135.00	136.50	1.50																	135.00	136.50	Frc	30		
136.50	137.80	1.30	XT	GRN	bedded green XT w/ qtz-cal veins feeders (enechelongs) <3mm at 80 tca, 2cm Flt at 30 tca 137.2m																			
136.50	137.80	1.30							136.50	137.80	Cb	Vn	Mod											
136.50	137.80	1.30							136.50	137.80	Ser	Vn	Mod											
136.50	137.80	1.30							136.50	137.80	Cy	Vn												
136.50	137.80	1.30																	136.50	137.80	Frc	30		
137.80	141.50	3.70	XT	GRN	siliceous welded XT w/ mod qtz-cal veining <5mm at 30 tca and subparallel																			
137.80	141.50	3.70							137.80	141.50	Cb	Vn	Mod											
137.80	141.50	3.70																	137.80	141.50	Frc	30		
141.50	145.53	4.03	XT	MAR	siliceous maroon XT w/crackle fillings of qtz-cal																			
141.50	145.53	4.03							141.50	145.53	Cb	FF	Mod											
141.50	145.53	4.03																	141.50	145.53	Frc	30		
145.53	146.53	1.00	QV		vuggy qtz-cal vein <1cm at to at 30 tcap and 40 cm at 146.2m at 45 tca, inbetween brecciated XT w/ qtz-cal healing at 20 tca																			
145.53	146.53	1.00							145.53	146.53	Cb	Vn												
145.53	146.53	1.00							145.53	146.53	Qz	Vn												
145.53	146.53	1.00																	145.53	146.53	Frc	45		
146.53	154.10	7.57	XT	GRN	siliceous XT w/ diss py and py stringers <1mm wide, qtz-cal veining at 80 and 30 tca present																			
146.53	154.10	7.57							146.53	154.10	Cb	Vn	Pre											
146.53	154.10	7.57							146.53	154.10	Py	Vn												
146.53	154.10	7.57												146.53	154.10	Py								
146.53	154.10	7.57																	146.53	154.10	Frc	30		

Lithology						Alteration				Mineralization				Structure													
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments				
154.10	154.32	0.22		QV			Qtz-cal vein <2cm at 60 tca w/ py cubes <1mm and qtz-cal w/beige sph stringers <1cm, upper contact qtz-cal veins w/ diss py																				
154.10	154.32	0.22							154.10	154.32	Qz	Vn															
154.10	154.32	0.22							154.10	154.32	Py	Vn															
154.10	154.32	0.22							154.10	154.32	Cb	Vn															
154.10	154.32	0.22												154.10	154.32	Py											
154.10	154.32	0.22												154.10	154.32	Sph											
154.10	154.32	0.22																									
154.32	170.60	16.28		XT			GRN	siliceous green XT w/ diss py and py stringers and veinlets at 45 tca and weak qtz-cal veining																			
154.32	170.60	16.28							154.32	170.60	Cb	Vn	Wk														
154.32	170.60	16.28							154.32	170.60	Py	Vn															
154.32	170.60	16.28												154.32	170.60	Py											
170.60	171.60	1.00		XT			GRN	less siliceous XT w/o py						170.60	171.60	Ser	Perv	Pre									
170.60	171.60	1.00																									
170.60	171.60	1.00																									
171.60	171.96	0.36		QV				barren looking qtz-cal vein w/ massive qtz, upper contact at 30 tca, lower contact at 45 tca																			
171.60	171.96	0.36							171.60	171.96	Qz	Vn															
171.60	171.96	0.36							171.60	171.96	Cb	Vn															
171.60	171.96	0.36																									
171.96	181.45	9.49		XT			MAR	dark maroon siliceous XT w/ qtz-cal crackle fillings and qtz-cal veining <1cm at 80 and 30 tca, at bottom 40cm of chl alt and 30 cm of bleaching to light gray in contact to QV below																			
171.96	181.45	9.49							171.96	181.45	Cb	FF															
171.96	181.45	9.49																									
181.45	182.48	1.03		QV				top 20 cm qtz-cal vein w/ py diss and stringers, followed by 25cm massive qtz-cal vein, 40cm of reworked XT w/ diss py and stringers, and bottom 20cm of reworked and healed qtz-cal vein, upper and lower contact at 30 tca																			

Lithology						Alteration				Mineralization				Structure										
From	To	Len	Rk	Type	Minor Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments		
181.45	182.48	1.03						181.45	182.48	Cb	Vn													
181.45	182.48	1.03						181.45	182.48	Py	Vn													
181.45	182.48	1.03						181.45	182.48	Qz	Vn													
181.45	182.48	1.03											181.45	182.48	Py									
181.45	182.48	1.03																						
182.48	187.30	4.82	XT	GRN		siliceous XT w/ intercalated <10cm gray AT												181.45	182.48	Frc	30			
182.48	187.30	4.82						182.48	187.30	Cb	Vn	Wk												
182.48	187.30	4.82																	182.48	187.30	Frc	80		
187.30	189.00	1.70	Va	BLE		bleached and strong ser-clay alt XT w/ hem alt of py, qtz-cal-py vein w/ strong clay alt from 187.65 to 187.8m and core loss																		
187.30	189.00	1.70						187.30	189.00	Ser	Perv	Str												
187.30	189.00	1.70						187.30	189.00	Cy	Perv	Pre												
187.30	189.00	1.70						187.30	189.00	He	Perv	Mod												
187.30	189.00	1.70											187.30	189.00	Py									
187.30	189.00	1.70																187.30	189.00	Frc	80			
189.00	190.08	1.08	FT			strong ser and clay alt w/flt gauge																		
189.00	190.08	1.08						189.00	190.08	Cy	Perv													
189.00	190.08	1.08						189.00	190.08	Ser	Perv	Str												
189.00	190.08	1.08																	189.00	190.08	Flt			
190.08	192.55	2.47	Va	GRN		intense ser alt XT			190.08	192.55	Ser	Perv	Str											
190.08	192.55	2.47																						
190.08	192.55	2.47																	190.08	192.55	Frc	80		
192.55	194.31	1.76	Va	BLE		bleached and intense ser altered XT w/hem replacing py																		
192.55	194.31	1.76						192.55	194.31	Ser	Perv	Int												
192.55	194.31	1.76						192.55	194.31	Blch	Perv	Int												
192.55	194.31	1.76						192.55	194.31	He	Perv	Pre												
192.55	194.31	1.76																	192.55	194.31	Frc	30		
194.31	203.43	9.12	XT	MAR		siliceous maroon XT w/ vuggy matrix and vuggy qtz-cal veins at 30 tca																		
194.31	203.43	9.12						194.31	203.43	Ser	Vn	Pre												
194.31	203.43	9.12						194.31	203.43	Cb	Vn	Pre												
194.31	203.43	9.12																	194.31	203.43	Frc	80		
203.43	204.40	0.97	FT			w/ strong ser and clay alt, some chl alt in gouge																		

Lithology						Alteration				Mineralization				Structure											
From	To	Len	Rk	Type	Minor Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments			
203.43	204.40	0.97						203.43	204.40	Cy	Gg														
203.43	204.40	0.97						203.43	204.40	Ser	Gg	Str													
203.43	204.40	0.97						203.43	204.40	Chl	Gg														
203.43	204.40	0.97																203.43	204.40	Flt	30				
204.40	209.90	5.50	XT	MAR		XT w/ mod ser alt and mod qtz-cal veins at 80 and 30 tca																			
204.40	209.90	5.50						204.40	209.90	He	Perv	Pre													
204.40	209.90	5.50						204.40	209.90	Cb	Perv	Mod													
204.40	209.90	5.50						204.40	209.90	Ser	Perv	Mod													
209.90	213.85	3.95	XT	MAR		pres ser alt, int qtz-cal veining, <1.5cm at 30 tca, also folded crosscut veins													204.40	209.90	Frc	60			
209.90	213.85	3.95						209.90	213.85	Cb	Vn	Int													
209.90	213.85	3.95						209.90	213.85	Ser	Vn	Pre													
209.90	213.85	3.95																209.90	213.85	Frc	30				
213.85	214.20	0.35	AT	GRN		chl alt AT w/ crosscut qtz-cal veins <1cm at 45 tca																			
213.85	214.20	0.35						213.85	214.20	Chl	Perv	Mod													
213.85	214.20	0.35						213.85	214.20	Cb	Perv	Pre													
213.85	214.20	0.35																213.85	214.20	Frc	80				
214.20	220.20	6.00	XT	MAR		wk ser alt and pres Qtz-cal veins																			
214.20	220.20	6.00						214.20	220.20	Ser	Vn	Wk													
214.20	220.20	6.00						214.20	220.20	Cb	Vn	Wk													
214.20	220.20	6.00																214.20	220.20	Frc	80				
220.20	220.45	0.25	QV			2 qtz-cal veins at 30 tca, 5 and 15cm, 5cm spacing																			
220.20	220.45	0.25						220.20	220.45	Qz	Vn														
220.20	220.45	0.25																220.20	220.45	Frc	30				
220.45	223.62	3.17	XT	MAR		wk ser and qtz-cal veining																			
220.45	223.62	3.17						220.45	223.62	Ser	Vn	Wk													
220.45	223.62	3.17						220.45	223.62	Cb	Vn	Wk													
220.45	223.62	3.17																220.45	223.62	Frc	80				
223.62	225.00	1.38	XT	M-G		intense qtz-cal veining <2cm at 80 and 30 tca, chl alt on veins																			
223.62	225.00	1.38						223.62	225.00	Chl	Vn	Pre													
223.62	225.00	1.38						223.62	225.00	Cb	Vn	Int													
223.62	225.00	1.38						223.62	225.00	Qz	Vn	Int													

Lithology						Alteration				Mineralization				Structure																
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments							
223.62	225.00	1.38																	223.62	225.00	Frc	80								
225.00	227.00	2.00	XT	MAR			siliceous XT w/ int and reworked qtz-cal veins <1cm at 30 tca and fracture fillings																							
225.00	227.00	2.00							225.00	227.00	Cb	Vn	Int											225.00	227.00	Frc	30			
225.00	227.00	2.00																												
227.00	227.90	0.90	QV				qtz-cal-py vein <5cm at 30 tca, cross cutting qtz-cal py vein at 20 tca w/ cpy																							
227.00	227.90	0.90							227.00	227.90	Py	Vn																		
227.00	227.90	0.90							227.00	227.90	Qz	Vn																		
227.00	227.90	0.90							227.00	227.90	Cb	Vn																		
227.00	227.90	0.90																	227.00	227.90	Cp									
227.00	227.90	0.90																	227.00	227.90	Py									
227.00	227.90	0.90																												
227.90	230.57	2.67	XT	MAR			wk ser-hem alt w/ mod qtz-cal veining and FF																		227.00	227.90	Frc	80		
227.90	230.57	2.67							227.90	230.57	He	Vn	Wk																	
227.90	230.57	2.67							227.90	230.57	Ser	Vn	Wk																	
227.90	230.57	2.67							227.90	230.57	Cb	Vn	Mod													227.90	230.57	Frc	60	
230.57	230.72	0.15	QV				qtz-cal vein w/ py cubes <2mm at 30 tca																							
230.57	230.72	0.15							230.57	230.72	Qz	Vn																		
230.57	230.72	0.15							230.57	230.72	Cb	Vn																		
230.57	230.72	0.15							230.57	230.72	Py	Vn																		
230.72	236.70	5.98	XT	MAR			ser-hem alt w/ mod qtz-cal veining <1cm, which shows folding and cutoffs																			230.57	230.72	Cn	30	
230.72	236.70	5.98							230.72	236.70	Ser	Perv	Pre																	
230.72	236.70	5.98							230.72	236.70	Cb	Perv	Mod																	
230.72	236.70	5.98							230.72	236.70	He	Perv	Pre																	
230.72	236.70	5.98																								230.72	236.70	Frc	45	
236.70	238.00	1.30	Va	M-G			maroon XT w/ strong chl alt at 5cm ft w/gouge at 237.6m																							
236.70	238.00	1.30							236.70	238.00	Cb	Perv	Pre																	
236.70	238.00	1.30							236.70	238.00	Chl	Perv	Int																	
236.70	238.00	1.30							236.70	238.00	Cy	Perv																		
236.70	238.00	1.30																								236.70	238.00	Flt	60	
236.70	238.00	1.30																								236.70	238.00	Frc	45	

Lithology						Alteration				Mineralization				Structure												
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments			
238.00	241.80	3.80	XT	MAR			intense chl alt as fracture fillings at 30 and 0 tca, vuggy qtz-cal veins at 30 and 0 tca																			
238.00	241.80	3.80							238.00	241.80	Chl	FF	Int													
238.00	241.80	3.80							238.00	241.80	Cb	FF	Mod													
238.00	241.80	3.80																	238.00	241.80	Frc	80				
241.80	243.15	1.35	Va	GRN			ser-clay alt AT																			
241.80	243.15	1.35							241.80	243.15	Cb	Vn	Wk													
241.80	243.15	1.35							241.80	243.15	Ser	Vn	Mod													
241.80	243.15	1.35							241.80	243.15	Cy	Vn	Pre													
241.80	243.15	1.35																	241.80	243.15	Frc	60				
243.15	250.70	7.55	XT	MAR			ser-hem alt XT w/ intense qtz-cal veining, veins <1cm sub-parallel tca																			
243.15	250.70	7.55							243.15	250.70	Ser	Vn	Pre													
243.15	250.70	7.55							243.15	250.70	He	Vn	Pre													
243.15	250.70	7.55							243.15	250.70	Cb	Vn	Int													
250.70	253.60	2.90	XT	M-G			chl alt along qtz-cal veins <2.5cm at 80 tca, chl also in center of veins																			
250.70	253.60	2.90							250.70	253.60	Chl	Bn	Mod													
250.70	253.60	2.90							250.70	253.60	Cb	Bn	Mod													
250.70	253.60	2.90																	250.70	253.60	Frc	60				
253.60	260.20	6.60	XT	GRN			siliceous green XT w/ qtz-cal veins at 80 and subparallel tca, subparallel veins carry py cubes and spots <2mm at 253.7, 254.6, 255.6, 256.9, and 258.9m																			
253.60	260.20	6.60							253.60	260.20	Qz	Vn	Mod													
253.60	260.20	6.60							253.60	260.20	Cb	Vn	Mod													
253.60	260.20	6.60							253.60	260.20	Py	Vn	Pre													
253.60	260.20	6.60												253.60	260.20	Py										
253.60	260.20	6.60																	253.60	260.20	Frc	30				
260.20	261.00	0.80	Va	BLE			green XT w/ moderate bleaching w/ qtz-cal vein <5cm at 30 tca at 260.3m, qtz-cal veins over 10cm at 80 tca at 260.9m																			
260.20	261.00	0.80							260.20	261.00	Cb	Bn	Mod													
260.20	261.00	0.80							260.20	261.00	Blch	Bn	Mod													

Lithology								Alteration				Mineralization				Structure						
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
260.20	261.00	0.80																260.20	261.00	Frc	60	
261.00	264.00	3.00	XT	MAR	siliceous maroon XT w/ mod qtz-cal veins and FF																	
261.00	264.00	3.00						261.00	264.00	Cb	Vn	Mod										
261.00	264.00	3.00																261.00	264.00	Frc	60	
261.00	264.00	3.00																261.00	264.00	Sh	30	slicknslides at 30 tca 262.4m



Dome Mountain Project Database

Drill Hole Log

Hole Number: DM-16-095

Grid-X: 652,900.94

Brg: 6.40

Ovb: 8.10

Surveyor: JH-GPS-RTK

Drill: Driftwood Diamond Drilling

Grid-Y: 6,068,739.82

Dip: -63.60

Casing: 8.10

Survey Date: 27-Sep-16

Drill Dates: 07-Feb-16 to 09-Feb-16

Grid-Z: 1,420.53

Depth: 254.00

Recover Casing: yes

Core Size: HQ

Geologist: Rob Boyce

NTS: 93L 077

Claim: 0

Area: DOME MOUNTAIN

Log Dates: 08-Feb-16 to 10-Feb-16

Target: Boulder Vein

Comments: Drilled from Pad 2. Boulder Vein represented by narrow banded vein 237.2 - 238.36m @ 10 degrees TCA. Little alteration seen in hole.

Lithology						Alteration				Mineralization				Structure								
From	To	Len	Rk	Typ	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
0.00	8.10	8.10	OB				Casing length not recorded. Some overburden recovered above 8.1m.															
8.10	12.34	4.24	LT	BRN			Fine Lapilli Tuff, grading to Ash Tuff. Well-fractured with oxidized surfaces. 12.16 - 12.34m: shattered section with rusty surfaces and gritty gouge sub// TCA..															
12.08	12.34	0.26											12.08	12.34	Mal	0	ox'd surfaces & in qz-cb					
12.34	12.85	0.51	NC																			

Lithology						Alteration				Mineralization				Structure											
From	To	Len	Rk	Type	Minor	Color	Description				From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
12.85	73.42	60.57	LT	GRN	Lapilli Tuff - variable texture from subrounded to flattened fragments 0.5 - 2cm, to rare round/flat fragments up to 15cm, 10% sections ashy matrix with sparse lapilli. Dominantly green, with 20% maroon sections 1 - 5m long, and pinkish-green sections 10%. Common cb & qz-cb stringers/tension veins 2mm - 1cm in various orientations, including parallel TCA. Some of these veins vuggy and may host ox'd surface as deep as 31m. Cubic py developed in some of these veins, esp correlated with bleached sections, but generally absent in maroon sections. 49.78 - 52.3m: Banded qz-cb veins to 2cm, spaced 1m apart with 5% sulphides, many smaller irreg qz-cb; lower 30cm strongly sheared.																				
12.85	73.42	60.57						12.85	73.42	Sil	Perv	Mod													
12.85	73.42	60.57						12.85	73.42	Chl	Perv	Wk													
12.85	40.65	27.80																							
13.20	13.90	0.70	AT	MAR	Ash Tuff with scattered rounded/flattened lapilli to 8mm. Strong alignment fabric.																				
31.58	32.03	0.45	Va	BLE	Pale pink to buff Alteration Zone with irregular contacts. Centred on 2cm stiff clay fault with 1cm white qz vein at 31.7m																				
31.69	31.71	0.02																							
40.65	40.80	0.15																							
49.78	52.30	2.52																							
49.78	52.30	2.52																							
49.78	52.30	2.52																							
49.78	52.30	2.52																							

Lithology							Alteration				Mineralization				Structure								
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
63.65	67.72	4.07		Vas	G-B		Variably Altered Zone, med green to pale green to 40% buff-colour. 15% looping banded/intergrown qz-cb veins 0 to 30 degrees TCA with rare 70 degree vein; max thickness seen 6cm.																
63.65	67.72	4.07											63.65	67.72	Cp	0							
63.65	67.72	4.07											63.65	67.72	Py	4	max 30% in some veins						
73.42	76.64	3.22	AT		G-G		Ash Tuff with scattered Lapilli to 1.5cm. Scattered irreg qz-cb strrs <1cm, locally vuggy; locally with cubic pyrite.																
73.42	76.64	3.22						73.42	76.64	Chl	Pch	Wk											
76.64	89.00	12.36	LT		M-G		Lapilli Tuff, similar to unit 12.85 - 73.42m. Dominantly maroon and fairly siliceous, with 35% green sections which show more sheared/welded fabric. Fragment size gradually decreases downhole. 79.95 - 79.98m: isolated 3cm banded qz-cb-(chl) vein at 70 degrees TCA hosts 5% coarse cubic pyrite.																
88.33	88.56	0.23	AT	GRN			green Ash Tuff interval with few lapilli. 88.53 - 88.56m is brecciated/gouged at 65 degrees TCA																
88.98	89.00	0.02															88.98	89.00	Vn	40	banded qz-cb-he vein with clay-slip surface		
89.00	91.72	2.72	AT	MAR			Faintly bedded Ash Tuff. Section 89.0 - 90.64m is very fine-grained maroon; 90.64 - 91.72m is coarser-grained maroon-grey. Minor stringers cb(qz). Grad downhole contact.																
90.64	90.70	0.06															90.64	90.70	Bd	50			

Lithology						Alteration				Mineralization				Structure									
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
91.72	107.82	16.10	LT	MAR	Lapilli Tuff with flattened subrounded fragments to 8cm, locally strong alignment/welded fabric. Maroon, somewhat siliceous, without evident sulphides. Cb-qz stringers/stwk/frc-fill 2% to locally 20%, esp in larger fragments.																		
102.00	107.00	5.00																	102.00	107.00	Aln	50	
107.82	133.90	26.08	AT	MAR	Maroon, Ash Tuff with short sections Lapilli Tuff. Generally flattened fragments, weakly bedded to welded to granular texture. Cb stringers to 5mm form 1% to locally 5% of sections. 5% short sections green, with qz-cb stringers. 112.05 - 113.1m: two short sections host cubic 5% py within qz-cb stringers @ 20 degrees TCA. Grad downhole contact.																		
107.82	114.00	6.18							117.60	119.80	Cb	Mtx	Wk						107.82	114.00	Aln	55	
117.60	119.80	2.20							117.60	119.80	Ser	Mtx	Mod										
117.60	119.80	2.20																	123.30	123.32	Flt	65	minor flt with 2mm clay gouge
123.30	123.32	0.02																					
133.90	135.66	1.76	AT	GRN															135.40	135.66	Bd	50	
135.40	135.66	0.26																					
135.66	137.10	1.44	LT	G-B	Green Lapilli Tuff with various fragment size to 5cm, subrounded to angular.																		
137.09	137.10	0.01																	137.09	137.10	LC	45	
137.10	155.80	18.70	AT	G-B	Ash Tuff, sometimes appearing as Crystal Tuff, with short sections Lapilli Tuff. Green to greenish-grey. Qz-cb stringers throughout, overall 1%; locally up to 10% banded qz-cb stwk containing <5% cubic-bleb pyrite.																		
142.00	142.60	0.60							142.00	142.60	Py	2											
151.50	152.40	0.90							151.50	152.40	Py	0											

Lithology						Alteration				Mineralization					Structure											
From	To	Len	Rk	Type	Minor	Color	Description				From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
151.50	152.40	0.90								151.50	152.40	Cp	0													
154.92	155.80	0.88								154.92	155.80	Chl	Perv	Wk												
154.92	155.80	0.88								154.92	155.80	Cy	Perv	Wk												
154.92	155.80	0.88								154.92	155.80	Ser	Perv	Mod												
155.80	164.86	9.06	XT	M-G	Crystal Tuff trending to Ash Tuff, with downhole end 50cm containing lapilli. Maroon-grey with short green sections, which host irreg qz-cb-py stringers.										154.92	155.80	Py	3								
163.87	163.90	0.03																								
164.84	164.86	0.02																								
164.86	215.00	50.14	FP	G-M	Crowded Feldspar Porphyry Flow, with 2mm Fs phenos. (Possibly a Crystal Tuff, but fragments not readily apparent.) Variable colour from greenish-grey to maroon-grey. Commonly cut by 2mm cb stringers spaced 2 - 15cm apart (gradually increasing downhole), and uncommon irreg 1cm qz-cb-(chl) stringers locally with cubic pyrite to 10% of stringer. Uncommon ep envelopes. Downhole contact arbitrary, below which fragments are apparent.																					
196.88	197.63	0.75								196.88	197.63	Ep	Pch	Mod												
215.00	232.92	17.92	XT	M-G	Maroon-grey to green-grey Crystal Tuff unit, dominated by Fs phenos 2mm. Very similar texture to FP unit uphole, with scattered subangular fragments <1cm. Similar stringer pattern to unit uphole, but qz-cb-(chl) dominates over cb. 223.75 - 224.45m: strongly crackled/stwk'd, healed by qz-cb, no sulphides visible. Mod stwk 222.9 - 227.6m, and other sections <0.5m.																					

Lithology						Alteration				Mineralization				Structure									
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
232.92	237.20	4.28	LT	BRN	Sparse Lapilli Tuff with most fragments <1cm, few rounded to 4cm. Only a few 2 - 5mm qz-cb stringers. 236.4 - 237.2m: gradual increase in bleaching, clay & pyrite to wk-mod at contact.																		
237.15	237.20	0.05																	237.15	237.20	LC	10	undulating on vein
237.20	238.36	1.16	QV	VAR	Low-angle banded qz-cb-chl-py vein with appx 6cm width exposed. Py dominantly 2cm band at downhole contact side of vein. A few splays in mod-altered wallrock. Contains 30% slices chl-serc altered wallrock.																		
237.20	238.36	1.16							237.20	238.36	Sph	1	fg band 2.5cm uphole from contact										
237.20	238.36	1.16							237.20	238.36	Py	8	4mm vfg on downhole contact, coarser uphole										
237.20	238.36	1.16																237.20	238.36	Vn	10		
238.36	254.00	15.64	LT	M-G	Lapilli Tuff with patchy colour maroon-grey dominant with lesser green-grey, to local pinkish-green. Subrounded to angular fragments to 6cm. Rare stringers down to 243.3m; downhole increased qz-cb (locally banded) stringers to 5%. Increased stwk associated with stronger (but still wk) chl-ser-sil altn: pinkish-green sections.																		



Dome Mountain Project Database

Hole Number: DM-16-096

Drill Hole Log

Grid-X: 653,576.43

Brg: 0.00

Ovb: 21.00

Surveyor: JH-GPS-RTK

Drill: Driftwood Diamond Drilling

Grid-Y: 6,068,802.07

Dip: -48.00

Casing: 19.50

Survey Date: 27-Sep-16

Drill Dates: 03-Feb-16 **to** 05-Feb-16

Grid-Z: 1,275.98

Depth: 201.00

Recover Casing: yes

Core Size: HQ

Geologist: Mathias Westphal

NTS:

Claim: 0

Area: DOME MOUNTAIN

Log Dates: 06-Feb-16 **to** 08-Feb-16

Target:

Comments:

Lithology						Alteration					Mineralization					Structure									
From	To	Len	Rk	Typ	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments		
0.00	21.00	21.00		OB																					
21.00	27.60	6.60		AR			BLK	highly broken due to layers w/ graphite and minor py at 60 and 30 tca																	
21.00	27.60	6.60							21.00	27.60	Grph	Bn	Int												
21.00	27.60	6.60							21.00	27.60	Py	Bn													
21.00	27.60	6.60												21.00	27.60	Py		in bands w/ graphite							
21.00	27.60	6.60																	21.00	27.60	Frc	60			
27.60	39.00	11.40		V/S			GRY	intercalated gray AT and black AR																	
27.60	39.00	11.40							27.60	39.00	Grph	Vn	Pre												
27.60	39.00	11.40							27.60	39.00	Cb	Vn	Mod												
27.60	39.00	11.40																	27.60	39.00	Frc	60	partially crushed		
39.00	42.23	3.23		XT			GRN	sharp shear contact at 30 tca w/ graphite, siliceous XT w/ wk qtz-cal veining																	
39.00	42.23	3.23							39.00	42.23	Cb	Vn	Wk												
39.00	42.23	3.23																	39.00	42.23	Frc	30			
39.00	42.23	3.23																	39.00	42.23	Sh	30	upper contact		
42.23	42.62	0.39		QV			BLE	10cm qtz-cal-py vin at 80 tca hosted by bleached tuff																	
42.23	42.62	0.39							42.23	42.62	Cb	Perv													
42.23	42.62	0.39							42.23	42.62	Qz	Perv													
42.23	42.62	0.39							42.23	42.62	Py	Perv													
42.23	42.62	0.39							42.23	42.62	Blch	Perv	Int												

Lithology							Alteration				Mineralization				Structure							
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
42.23	42.62	0.39												42.23	42.62	Py	in 10cm qtz-cal vein at 80 tca					
42.23	42.62	0.39												42.23	42.62	Frc	80					
42.62	48.20	5.58	XT	BLE	green XT w/ bleached bands<20cm at qtz-cal veins at 43.9, 44.5, 45.9, 46.9, 47.7m, py vein <1mm in bleached section at 30 tca 43.9m																	
42.62	48.20	5.58					42.62	48.20	Blch	Bn												
42.62	48.20	5.58					42.62	48.20	Cb	Bn	Pre	42.62	48.20	Py	<1mm py vein at 43.9m at 30 tca							
42.62	48.20	5.58												42.62	48.20	Frc	80					
42.62	48.20	5.58	QV	BLE	vuggy qtz-cal vein <20cm in bleached LT																	
48.20	48.70	0.50					48.20	48.70	Cb	Perv												
48.20	48.70	0.50					48.20	48.70	Qz	Perv												
48.20	48.70	0.50					48.20	48.70	Blch	Perv	Int											
48.20	48.70	0.50												48.20	48.70	Frc	80					
48.70	49.80	1.10	XT	GRN	siliceous XT with two 5cm sections of gray LT and a vuggy qtz-cal vein <1cm at 45 tca at 49.5m																	
48.70	49.80	1.10					48.70	49.80	Cb	Vn	Wk											
48.70	49.80	1.10												48.70	49.80	Frc	80					
49.80	52.95	3.15	LT	BLE	green LT w/ bleached gray sections <1m																	
49.80	52.95	3.15					49.80	52.95	Cb	Bn	Pre											
49.80	52.95	3.15					49.80	52.95	Blch	Bn	Int											
49.80	52.95	3.15												49.80	52.95	Frc	80					
52.95	54.85	1.90	Va	BLE	bleached and strong ser alt LT w/ clay, gray to white, contact gouge at lower contact																	
52.95	54.85	1.90					52.95	54.85	Cy	Perv												
52.95	54.85	1.90					52.95	54.85	Blch	Perv	Str											
52.95	54.85	1.90					52.95	54.85	Ser	Perv	Str											
52.95	54.85	1.90												52.95	54.85	Frc	80					

Lithology							Alteration				Mineralization				Structure							
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
54.85	55.40	0.55	LT	MAR	slightly bleached maroon LT, fragments <5cm																	
54.85	55.40	0.55						54.85	55.40	Blch	Perv	Pre						54.85	55.40	Frc	80	
54.85	55.40	0.55						55.40	55.60	Cb	Vn	Wk						55.40	55.60	Frc	30	
55.40	55.60	0.20	AT	GRN	siliceous AT																	
55.40	55.60	0.20						55.60	58.00	Ser	Perv	Pre										
55.40	55.60	0.20						55.60	58.00	Blch	Perv	Wk						55.60	58.00	Frc	80	
55.60	58.00	2.40	LT	MAR	lapilli and clasts <3cm																	
55.60	58.00	2.40						58.00	59.10	Py	Perv											
55.60	58.00	2.40						58.00	59.10	Blch	Perv	Int										
55.60	58.00	2.40						58.00	59.10	Qz	Perv											
55.60	58.00	2.40						58.00	59.10	Cb	Perv											
58.00	59.10	1.10	QV	BLE	10cm broken qtz-cal vein at 30 tca at 58.5m hosted by bleached AT w/ diss py cubes <3mm, qtz-cal <1cm w/ py stringer in center <3mm wide at 58.85m																	
58.00	59.10	1.10						58.00	59.10	Py	Perv											
58.00	59.10	1.10						58.00	59.10	Blch	Perv	Int										
58.00	59.10	1.10						58.00	59.10	Qz	Perv											
58.00	59.10	1.10						58.00	59.10	Cb	Perv											
58.00	59.10	1.10							58.00	59.10	Py		<3mm									
58.00	59.10	1.10																58.00	59.10	Frc	30	
59.10	59.50	0.40	Va	BLE	bleached maroon LT, lapilli and clasts <4cm																	
59.10	59.50	0.40						59.10	59.50	Blch	Perv	Mod										
59.50	60.50	1.00	QV	BLE	20cm of broken qtz-cal vein w/ py and black sph above fault w/ 40cm core loss, vein is hosted by bleached AT w/ diss py cubes <3mm																	
59.50	60.50	1.00						59.50	60.50	Py	Vn											
59.50	60.50	1.00						59.50	60.50	Qz	Vn											
59.50	60.50	1.00						59.50	60.50	Cb	Vn											
59.50	60.50	1.00							59.50	60.50	Py		in AT									
59.50	60.50	1.00																59.50	60.50	Frc	30	
60.50	61.20	0.70	FT	BLE	fault gouge w/ 60cm core loss																	
60.50	61.20	0.70						60.50	61.20	Cy	Gg											
60.50	61.20	0.70																60.50	61.20	Flt	30	
61.20	61.80	0.60	Va	MAR	ser alt LT																	
61.20	61.80	0.60						61.20	61.80	Ser	Perv	Mod										

Lithology						Alteration				Mineralization				Structure								
From	To	Len	Rk	Type	Minor Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
61.20	61.80	0.60												61.20	61.80	Frc	45					
61.80	62.50	0.70	QV	GRN		qtz-cal vein w/chl altered stringers, diss py and spots of sphm hem and ser alt, clay in flt gouge																
61.80	62.50	0.70										61.80	62.50	Qz	Vn							
61.80	62.50	0.70										61.80	62.50	Py	Vn							
61.80	62.50	0.70										61.80	62.50	Cb	Vn							
61.80	62.50	0.70										61.80	62.50	Chl	Vn							
61.80	62.50	0.70										61.80	62.50	Sph								
61.80	62.50	0.70										61.80	62.50	Py								
61.80	62.50	0.70												61.80	62.50	Flt	80					
61.80	62.50	0.70												61.80	62.50	Frc	80					
62.50	63.30	0.80	Va	BLE		bleached and broken XT w/ frc at 30, 10, and 0 tca																
62.50	63.30	0.80										62.50	63.30	Blch	Vn	Int						
62.50	63.30	0.80										62.50	63.30	Cb	Vn	Int						
62.50	63.30	0.80																				
63.30	63.90	0.60	XT	BLK		black XT w/ qtz-cal veining						63.30	63.90	Cb	Vn	Int						
63.30	63.90	0.60																				
63.30	63.90	0.60																				
63.90	64.60	0.70	Va	BLE		bleached AT w/ diss py cubes <3mm schlieren, the texture is ductile shearing related at 20 tca																
63.90	64.60	0.70										63.90	64.60	Blch	Perv	Int						
63.90	64.60	0.70										63.90	64.60	Py	Perv	Int						
63.90	64.60	0.70												63.90	64.60	Py						
64.60	66.40	1.80	XT	MAR		XT w/ intercalated AT and ductile sheared LT -> lapilli to fiamme																
64.60	66.40	1.80										64.60	66.40	Ser	Bn	Int						
64.60	66.40	1.80																				
66.40	80.05	13.65	LT	M-G		siliceous maroon LT w/ lapill and clasts <3cm, intercalated 1m sections of green siliceous XT, some qtz-cal <1cm at 20 tca, vuggy qtz-cal and matrix at 78m																
66.40	80.05	13.65										66.40	80.05	Cb	Vn	Pre						

Lithology						Alteration				Mineralization				Structure										
From	To	Len	Rk	Type	Minor Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments		
66.40	80.05	13.65															66.40	80.05	Frc	80				
80.05	80.95	0.90	XT	GRN		pres chl-ser altered green XT																		
80.05	80.95	0.90										80.05	80.95	Chl	Perv	Pre								
80.05	80.95	0.90										80.05	80.95	Ser	Perv	Pre								
80.05	80.95	0.90															80.05	80.95	Frc	80				
80.95	87.40	6.45	LT	MAR		lapilli <2cm, bands of chl alt <20cm, qtz-cal breccia filling <8cm at 83.4m, qtz-cal vein <1cm subparallel tca at 87.2m																		
80.95	87.40	6.45										80.95	87.40	Cb	Vn	Mod								
80.95	87.40	6.45										80.95	87.40	Chl	Vn	Pre								
80.95	87.40	6.45															80.95	87.40	Frc	30				
87.40	88.30	0.90	XT	GRN		proyllitic alt along qtz-cal vein <2cm at 10 tca																		
87.40	88.30	0.90										87.40	88.30	Chl	Perv	Mod								
87.40	88.30	0.90										87.40	88.30	Ep	Perv	Pre								
88.30	95.10	6.80	LT	MAR		siliceous LT, lapilli <2cm, clasts <4cm, texture shows ductile shearing and banding due to flow during cooling																		
88.30	95.10	6.80										88.30	95.10	Ser	Perv	Wk								
88.30	95.10	6.80															88.30	95.10	Frc	30				
95.10	98.30	3.20	XT	GRN		upper contact w/ clay alt, lower contact w/ folded qtz-cal vein <5mm																		
95.10	98.30	3.20										95.10	98.30	Cb	Gg	Wk								
95.10	98.30	3.20										95.10	98.30	Cy	Gg									
95.10	98.30	3.20															95.10	98.30	Frc	60				
98.30	101.25	2.95	BTm	MAR		bedded sequence of AT-XT-LT w/ chl alt along w/ qtz-cal vein <3cm at 45 tca at 100.3m																		
98.30	101.25	2.95										98.30	101.25	Cb	Vn	Int								
98.30	101.25	2.95															98.30	101.25	Frc	80				
101.25	104.07	2.82	QV	BLE		qtz-cal veins subparallel <2cm and <2cm and vuggy 5cm at 80 tca																		
101.25	104.07	2.82										101.25	104.07	Blch	Vn	Pre								
101.25	104.07	2.82										101.25	104.07	Qz	Vn									
101.25	104.07	2.82										101.25	104.07	Chl	Vn	Pre								
101.25	104.07	2.82										101.25	104.07	Cb	Vn									
101.25	104.07	2.82															101.25	104.07	Frc	80				

Lithology						Alteration				Mineralization				Structure													
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments				
104.07	108.10	4.03	XT	MAR			fine grained siliceous and welded XT w/fsp and px <1mm, brecciated w/ qtz-cal filling and veining <5mm at 70, 30, 10, 0 tca																				
104.07	108.10	4.03							104.07	108.10	Cb	FF	Int							104.07	108.10	Frc	45				
104.07	108.10	4.03																									
108.10	112.65	4.55	XT	GRN			strong qtz-cal veining w/ py blebs <1cm, veins <2cm subparallel tca forming a stockwork texture, also FF and crack fillings in the siliceous and welded XT host																				
108.10	112.65	4.55							108.10	112.65	Cb	Vn	Str														
108.10	112.65	4.55							108.10	112.65	Qz	Vn	Str														
108.10	112.65	4.55							108.10	112.65	Py	Vn								108.10	112.65	Frc	45				
108.10	112.65	4.55												108.10	112.65	Py											
112.65	115.13	2.48	XT	MAR			siliceous maroon XT, cal vein <5cm at 45 tca at 114.2m																				
112.65	115.13	2.48							112.65	115.13	Cb	Vn	Mod														
112.65	115.13	2.48																		112.65	115.13	Frc	80				
115.13	127.57	12.44	XT	GRN			strong qtz-cal veining w/ py blebs <1cm, veins <2cm subparallel tca forming a stockwork texture, also FF and crack fillings in the siliceous and welded XT host, very similar to green XT 2 units above																				
115.13	127.57	12.44							115.13	127.57	Py	Vn															
115.13	127.57	12.44							115.13	127.57	Cb	Vn	Str														
115.13	127.57	12.44							115.13	127.57	Qz	Vn	Str														
127.57	133.90	6.33	XT	GRN			strong qtz-cal veining w/ vuggy vein <2cm at 30 tca at 131.6m and <10cm at 132.3m, veins <2cm subparallel tca forming a stockwork texture, also FF and crack fillings in the siliceous and welded XT host, very similar to green XT unit above, but w/o py mine																				
127.57	133.90	6.33							127.57	133.90	Cb	Vn	Int														

Lithology							Alteration					Mineralization					Structure							
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
127.57	133.90	6.33							127.57	133.90	Qz	Vn	Int											
133.90	145.50	11.60	XT	G-M	siliceous green XT w/ mod qtz-cal veining, maroon siliceous AT intercalated from 137.25 to 137.55m																			
133.90	145.50	11.60							133.90	145.50	Cb	Vn	Mod								133.90	145.50	Frc	60
133.90	145.50	11.60							145.50	145.95	Qz	Vn									145.50	145.95	Cn	10
145.50	145.95	0.45	QV	WHT	qtz-cal vein at 10 tca																			
145.50	145.95	0.45							145.50	145.95														
145.50	145.95	0.45																						
145.95	156.90	10.95	XT	MAR	siliceous XT w/ mod qtz-cal veining and FF, green siliceous AT from 154.95 to 155.35m																			
145.95	156.90	10.95							145.95	156.90	Cb	Vn	Mod								145.95	156.90	Frc	80
145.95	156.90	10.95							156.90	158.25	Cb	Vn	Pre								156.90	158.25	Frc	30
156.90	158.25	1.35	AT	GRN	green siliceous AT w/ pres qtz-cal veins																			
156.90	158.25	1.35							156.90	158.25														
156.90	158.25	1.35																						
158.25	159.80	1.55	XT	MAR	siliceous welded XT w/ qtz-cal veins <5cm at 158.55 and 159.2m																			
158.25	159.80	1.55							158.25	159.80	Cb	Vn	Pre								158.25	159.80	Frc	45
158.25	159.80	1.55							158.25	159.80														
159.80	169.65	9.85	Va	BLE	ser alt and bleached XT w/ stringer, blebs, and disseminated fine grained py, cpy in center of 5mm vein at 160.4m																			
159.80	169.65	9.85							159.80	169.65	Py	Perv	Mod											
159.80	169.65	9.85							159.80	169.65	Ser	Perv	Mod								159.80	169.65	Frc	30
159.80	169.65	9.85							159.80	169.65	Blch	Perv	Int											
159.80	169.65	9.85												159.80										
169.65	170.35	0.70	FT	BLE	clay alt in flt gouge w/ py cubes and disseminated																			
169.65	170.35	0.70							169.65	170.35	Cy	Gg									169.65	170.35	Flt	60
169.65	170.35	0.70												169.65										
169.65	170.35	0.70																						

Lithology						Alteration				Mineralization				Structure											
From	To	Len	Rk	Type	Minor Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments			
170.35	174.70	4.35	XT	MAR		maroon XT w/ vuggy matrix and qtz-cal veins, qtz-cal pres, chl FF																			
170.35	174.70	4.35						170.35	174.70	Chl	Vn	Mod													
170.35	174.70	4.35						170.35	174.70	Cb	Vn	Pre													
170.35	174.70	4.35																170.35	174.70	Frc	30	and crushed			
174.70	175.00	0.30	FT	BLE		flt gouge w/ py diss		174.70	175.00	Py	Gg														
174.70	175.00	0.30						174.70	175.00	Cy	Gg														
174.70	175.00	0.30											174.70	175.00	Py										
174.70	175.00	0.30																174.70	175.00	Flt	30				
175.00	175.90	0.90	QV	BLE		bleached and ser alt w/ diss py hosting Boulder vein from 175.2 to 175.6m w/ massive py patches and stringers																			
175.00	175.90	0.90						175.00	175.90	Qz	Vn														
175.00	175.90	0.90						175.00	175.90	Py	Vn														
175.00	175.90	0.90											175.00	175.90	Py										
175.00	175.90	0.90																175.00	175.90	Frc	80	on py stringers			
175.90	177.45	1.55	Va	BLE		ser-chl alt XT w/ bleaching and diss py below the Boulder																			
175.90	177.45	1.55						175.90	177.45	Ser	Perv	Pre													
175.90	177.45	1.55						175.90	177.45	Blch	Perv	Mod													
175.90	177.45	1.55						175.90	177.45	Py	Perv	Wk						175.90	177.45	Py					
175.90	177.45	1.55																175.90	177.45	Frc	30				
177.45	188.95	11.50	XT	MAR		siliceous welded XT w/ qtz-cal veins and crackle fillings																			
177.45	188.95	11.50						177.45	188.95	Cb	Vn	Mod													
188.95	190.60	1.65	FT	MAR		dark gray clay in flt gouge		188.95	190.60	Cy	Gg														
188.95	190.60	1.65																188.95	190.60	Flt	30				
190.60	201.00	10.40	XT	MAR		siliceous welded XT w/ qtz-cal veins and crackle fillings		190.60	201.00	Cb	Vn														
190.60	201.00	10.40																190.60	201.00	Frc	80				
190.60	201.00	10.40																							



Dome Mountain Project Database

Hole Number: DM-16-097

Drill Hole Log

Grid-X: 652,901.00

Brg: 7.90

Ovb: 9.60

Surveyor: JH-GPS-RTK

Drill: Driftwood Diamond Drilling

Grid-Y: 6,068,739.62

Dip: -48.60

Casing: 9.60

Survey Date: 27-Sep-16

Drill Dates: 09-Feb-16 **to** 12-Feb-16

Grid-Z: 1,420.46

Depth: 240.00

Recover Casing: yes

Core Size: HQ

Geologist: Rob Boyce

NTS: 93L 077

Claim: 0

Area: DOME MOUNTAIN

Log Dates: 10-Feb-16 **to** 13-Feb-16

Target: Boulder Vein west extension

Comments: Drilled from Pad 2. Numerous small veins in upper half of hole. Strong Boulder Vein 222.04 - 222.33m; FW Vein 228.29 - 228.37m.

Lithology						Alteration					Mineralization				Structure											
From	To	Len	Rk	Type	Minor	Color	Description					From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
0.00	9.60	9.60	OB																							
9.60	28.00	18.40	LT	G-M	Lapilli Tuff with small sections Ash Tuff. Fragments commonly subrounded up to 12cm. Moderately well-fractured (spacing 5 - 20cm) with oxidized surfaces. Mod to strongly fractured 16.7 - 22.6m, with oxidized frc surfaces; orientation varying from 0 to 40 degrees TCA. Irreg cb & qz-cb stringers/frc-fll 4%. Solution of cb likely contributes to fracture frequency. Colour dominated by green chloritic sections, central part mainly maroon. Downhole contact gradational.																					
28.00	32.10	4.10	Va	BRN	Mod-alt'd Lapilli/Ash Tuff, pale brown-buff-pink (pale green 31.3 - 32.1m). Mod frc's including hole-subparallel fracture 28.6 - 30.5m, with up to 2cm rusty envelope.																					
28.00	31.00	3.00					28.00	31.00	Py	En	Wk															
28.00	31.00	3.00					28.00	31.00	Oxid	En	Mod															
28.00	31.00	3.00					28.00	31.00	Cy	En	Wk															
31.00	32.10	1.10					31.00	32.10	Py	Pch	Wk															
31.00	32.10	1.10					31.00	32.10	Chl	Pch	Wk															
31.00	32.10	1.10					31.00	32.10	Cy	Pch	Wk															

Lithology						Alteration				Mineralization					Structure								
From	To	Len	Rk	Type	Minor Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
31.50	32.10	0.60											31.50	32.10	Py	1	vein <1cm with 5% py						
31.50	32.10	0.60											31.50	32.10	Cp	1	vein <1cm with 7% cp						
32.10	62.30	30.20	LT	G-M		Lapilli Tuff with short sections Ash Tuff or scarce lapilli; predominantly green, with 20% maroon-grey sections. Common cb & qz-cb stringers <1cm, locally veins 1 - 5cm qz- cb-py in paler green sections: 35.25m, 37.35m, 37.6m, 39.4m, 43.9m, 47.85m, 48.2m, 53.4m & 59.0m. Broken zone with low-angle clay-coated fractures 0 - 15 degrees TCA. Grad downhole contact.																	
43.88	44.02	0.14		QV	WHT	4cm banded qz-cb vein							43.88	44.02	Py	3							
43.88	44.02	0.14											43.88	44.02	Vn	35							
43.88	44.02	0.14											48.16	48.28	Py	3							
48.16	48.28	0.12		QV	WHT	6cm banded qz-cb vein							48.16	48.28	Vn	35							
48.16	48.28	0.12											58.70	59.10	Py	5							
48.16	48.28	0.12											58.70	59.10	Vn	10							
58.70	59.10	0.40		QV	WHT	1cm banded qz-cb, with blebby/aggregate py 20% of vein																	
58.70	59.10	0.40											62.30	65.10	Chl	Perv	Mod						
58.70	59.10	0.40											62.30	65.10	Py	Perv	Wk						
62.30	65.10	2.80	Va	G-B		Wk to mod alt'd zone in Lapilli Tuff, cut by qz-cb-(+py) stringers to 1.5cm. Pale green to local green-buff.							62.30	65.10	Ser	Perv	Wk						
62.30	65.10	2.80																					
62.30	65.10	2.80																					
64.43	64.52	0.09		QV	WHT	Fault slice qz-(cb) vein with irreg py stringers within. Uphole contact has clay- coated surface. Downhole contact 1.5cm stiff whitish clay.																	

Lithology							Alteration				Mineralization				Structure									
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments		
64.43	64.52	0.09												64.43	64.52	Py	5							
64.43	64.44	0.01												64.43	64.44	UC	20							
64.50	64.52	0.02												64.50	64.52	Flt	35							
65.10	82.28	17.18	LT	MAR	Maroon Lapilli Tuff with rounded to flattened fragments 1 - 4cm, commonly containing tension stringers. Mod siliceous. (Ash Tuff section 70.37 - 70.72m.) Up-hole contact at 60 degrees & lower contact at 50 degrees in contrast to 30 degree fragment alignment.) Down-hole contact grad.																			
66.35	66.42	0.07												66.35	66.42	Flt	40	5cm clay-chl gouge with wall-rock slices						
66.42	72.00	5.58												66.42	72.00	Aln	30							
72.75	73.00	0.25	QV	WHT	3cm isolated, anastomosing qz-cb vein with local py																			
72.75	73.00	0.25												72.75	73.00	Py	4							
72.75	73.00	0.25												72.75	73.00	Vn	10							
82.28	84.45	2.17	AT	G-B	Ash Tuff, with scattered lapilli. 82.5 - 82.7m: 1cm rolling qz-cb-py vein at 20 degrees TCA																			
84.45	102.43	17.98	LT	G-G	Lapilli Tuff, some with sparse lapilli in ashy matrix. Green to greenish-grey to local maroon-grey. Common cb & qz-cb irreg stringers. Qz-cb up to 1cm are locally vuggy and/or contain 1 - 4% cubic py, esp 87.6 - 88.0m & 97.7 - 99.6m. 100.4 - 100.5m: downhole 2cm from minor fault is brecciated zone with chl-sil mtx. Grad downhole contact.																			
97.60	97.82	0.22												97.60	97.82	Py	4							
97.70	97.82	0.12	QV	WHT	2.5cm qz-(cb) vein @ 25 degrees, with 8% cube/bleb py																			
100.40	100.50	0.10												100.40	100.50	Flt	20	minor chloritic slip						

Lithology						Alteration				Mineralization				Structure									
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
102.43	104.64	2.21	Va	G-B	Patchy altered zone green to pink to locally pale. Weakly crackled. Fine network qz-cb-chl stringers 5%; no sulphides observed.. 103.7 - 104.5m: low-angle chloritic fault with 2cm chlorite-mtx bx on downhole side (0 to 1cm on uphole side).																		
103.70	104.50	0.80																	103.70	104.50	Flt	5	
104.64	147.80	43.16	LT	G-M	Lapilli Tuff with 10% Ash Tuff sections, rarely as Crystal Tuff. Repeated variation from maroon to green. Generally siliceous with fine stringers/stwk/frc-fill qz-cb. Minor pyrite locally in stringers. 134.85 - 135.7m & 136.35 - 136.6m: irreg pale green to pink altered patches, mod-well fractured. Local cubic py in qz-cb-chl stringers. Downhole contact obscure.																		
147.80	195.40	47.60	XT	MAR	Maroon Crystal Tuff to sections appearing as Ash Tuff. Locally weakly bedded or sheared. Variable intensity qz-cb stringers/stwk/tension veins. Small sections crackled/brecciated. Downhole contact over brecciated zone 195.05 - 195.4m, with 20% cb mtx.																		
163.00	164.00	1.00																163.00	164.00	Bd	35		
184.45	185.50	1.05																184.45	185.50	Flt	40		
195.40	207.60	12.20	LT	MAR	Maroon Lapilli Tuff. Irreg qz-cb stringers spaced 5cm 200.4 - 202.5m, decreasing downhole. Grad downhole contact.																		
198.95	199.00	0.05																198.95	199.00	Flt	40	chl-clay slip; wk-bleached 12cm uphole	

Lithology							Alteration				Mineralization				Structure								
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
207.60	212.72	5.12	AT	GRN	Ash Tuff with scattered lapilli and locally evident crystals. Colour/alteration variation med to pale green to pinkish-green to pinkish-buff. Scattered qz-cb stwk, often with chlorite, virtually no pyrite.																		
212.71	212.72	0.01																212.71	212.72	LC	60	contact on qz-py-chl stwk	
212.72	218.60	5.88	FP	G-M	Feldspar Porphyry (poss Crystal Tuff) green-grey, trending downhole to maroon. 212.72 - 212.82m: qz-cb-chl stwk with 6% py. 217.18 - 218.05m: variably bleached zone pale green to pink-maroon. Arbitrary downhole contact, below which tuffaceous texture evident.																		
218.00	218.06	0.06															218.00	218.06	Flt	25	clay gouge coating with adjacent stwk		
218.60	221.72	3.12	XT	MAR	Maroon Crystal Tuff. Mod-strong qz-cb stwk/sheeting, no pyrite.																		
221.70	221.72	0.02															221.70	221.72	LC	70	contact on banded qz-cb-chl vein 2cm		
221.72	222.04	0.32	Vas	G-B	altered section with 15% contorted qz-cb-chl veins, increasing downhole.																		
221.72	222.04	0.32					221.72	222.04	Ser	Cub	Wk												
221.72	222.04	0.32					221.72	222.04	Cy	Cub	Wk												
221.72	222.04	0.32					221.72	222.04	Py	Cub	Wk												
222.03	222.04	0.01															222.03	222.04	LC	75			
222.04	222.33	0.29	QV	VAR	Boulder Vein with banded & network sulphides. Irreg downhole contact																		
222.04	222.29	0.25												222.04	222.29	Py	10						
222.04	222.29	0.25												222.04	222.29	Cp	3						
222.04	222.29	0.25												222.04	222.29	Sph	0						
222.33	223.46	1.13	Va	G-B	Variable altered section with central part strongly veined/mineralized. Pale green to green-brown, to buff adjacent to vein. Grad downhole contact																		

Lithology							Alteration				Mineralization				Structure								
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
222.53	222.60	0.07		QV	WHT		White qz with scattered py at uphole margin																
222.59	222.60	0.01																222.59	222.60	Flt	75	1cm clay gouge	
222.60	222.91	0.31		Vas	G-G		strongly banded/laminated with contorted qz-py veins.																
222.60	222.91	0.31											222.60	222.91	Py	5							
222.60	222.91	0.31											222.60	222.91	Cp	0							
223.46	225.61	2.15	LT		MAR		Lapilli Tuff featuring variable-size flattened fragments and weak shearing. Siliceous with irreg qz-cb stringers. Grad diownhole contact																
225.61	228.83	3.22	Vas		GRN		Pale green altered zone with qz-cb stringers varying 3% to 20%, locally with chl or py. Grad downhole contact																
225.61	229.83	4.22						225.61	229.83	Py	Perv	Wk											
225.61	229.83	4.22						225.61	229.83	Ser	Perv	Wk											
225.61	229.83	4.22						225.61	229.83	Chl	Perv	Mod											
228.29	228.47	0.18		QV	VAR		Quartz-sulphide vein with irreg blebs/bands sulphides. Includes 20% slices altered wallrock																
228.29	228.47	0.18											228.29	228.47	Gn	0							
228.29	228.47	0.18											228.29	228.47	Py	8							
228.83	229.48	0.65	AT		MAR		Maroon Ash Tuff showing welded texture. Grad diownhole contact																
229.48	230.03	0.55	Vas		GRN		Green altered Ash Tuff with qz-cb-chl sheeting & contorted veins, locally with pyrite. Grad downhole contact																
229.48	230.03	0.55											229.48	230.03	Py	4							
229.48	230.03	0.55											229.48	230.03	Cp	0							
230.03	238.70	8.67	XT		M-G		Maroon to brown to green downhole Crystal Tuff, that locally appears as Feldspar Porphyry. 1 - 4mm Cb-qz stringers spaced 5 - 10cm apart locally contain cubic pyrite. EOH 238.7m																



Dome Mountain Project Database

Hole Number: DM-16-098

Drill Hole Log

Grid-X:	653,700.31	Brg:	0.00	Ovb:	12.50	Surveyor:	JH-GPS-RTK	Drill:	Driftwood Diamond Drilling
Grid-Y:	6,068,889.52	Dip:	-75.00	Casing:	12.00	Survey Date:	27-Sep-16	Drill Dates:	06-Feb-16 to 07-Feb-16
Grid-Z:	1,254.33	Depth:	135.00	Recover Casing:	yes	Core Size:	HQ	Geologist:	Mathias Westphal
NTS:		Claim:	0	Area:	DOME MOUNTAIN			Log Dates:	08-Feb-16 to 09-Feb-16
Target:						Comments:			

Lithology					Alteration					Mineralization					Structure									
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
0.00	12.50	12.50	OB																					
12.50	20.10	7.60	AR	BLK			crushed AR		12.50	20.10	Cb	FF	Int											
12.50	20.10	7.60																						
12.50	20.10	7.60																						
20.10	25.15	5.05	V/S	GRY			intercalated AR and gray AT		20.10	25.15	Cb	Vn	Pre											
20.10	25.15	5.05																						
20.10	25.15	5.05																						
25.15	27.37	2.22	XT	G-G			siliceous gray to green XT		25.15	27.37	Cb	FF	Pre											
25.15	27.37	2.22																						
25.15	27.37	2.22																						
27.37	28.08	0.71	QV	WHT			0.5 to 5cm qtz-cal veins, folded and subparallel tca																	
27.37	28.08	0.71							27.37	28.08	Qz	Vn												
27.37	28.08	0.71							27.37	28.08	Cb	Vn												
27.37	28.08	0.71																						
28.08	28.50	0.42	XT	GRN			siliceous XT		28.08	28.50	Cb	Vn	Wk											
28.08	28.50	0.42																						
28.08	28.50	0.42																						
28.50	29.55	1.05	QV	WHT			2cm qtz-cal vein subparallel tca																	
28.50	29.55	1.05							28.50	29.55	Qz	Vn												
28.50	29.55	1.05							28.50	29.55	Cb	Vn												
29.55	31.12	1.57	XT	G-G			siliceous XT w/ intercalated light gray AT <15cm																	
29.55	0.00	-29.55							29.55	0.00	Cb	FF	Mod											
29.55	31.12	1.57																						

Lithology						Alteration				Mineralization				Structure									
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
31.12	32.70	1.58	AT	GRN	siliceous and welded AT, minor qtz-cal FF, one qtz-cal vein <1cm at 45 tca and off cut																		
31.12	32.70	1.58									31.12	32.70	Cb	FF	Wk								
32.70	38.73	6.03	XT	GRN	siliceous XT w/gray bleached bands, some veining, in places vuggy																		
32.70	38.73	6.03									32.70	38.73	Cb	Bn	Pre								
32.70	38.73	6.03									32.70	38.73	Blch	Bn	Pre								
38.73	40.15	1.42	XT	BLE	brecciated and qtz-cal healed dark gray XT, at lower contact 20 cm of ep alt																		
38.73	40.15	1.42									38.73	40.15	Cb	FF	Str								
38.73	40.15	1.42									38.73	40.15	Ep	FF									
38.73	40.15	1.42																					
40.15	42.00	1.85	Va	BLE	gray-green-maroonish bleached AT w/ blebby py <3mm and 1mm veins at 10 tca																		
40.15	42.00	1.85									40.15	42.00	Py	Perv	Mod								
40.15	42.00	1.85									40.15	42.00	Blch	Perv	Int								
40.15	42.00	1.85									40.15	42.00	Cb	Perv	Pre								
40.15	42.00	1.85																					
40.15	42.00	1.85									40.15	42.00	Py										
42.00	46.35	4.35	XT	MAR	30cm of light gray AT intercalated from 43 to 43.3m																		
42.00	46.35	4.35									42.00	46.35	Cb	Vn	Wk								
42.00	46.35	4.35																					
46.35	47.25	0.90	Va	BLE	bleached gray rosy XT w/ diss py <1mm																		
46.35	47.25	0.90									46.35	47.25	Blch	Perv	Int								
46.35	47.25	0.90									46.35	47.25	Cb	Perv	Wk								
46.35	47.25	0.90									46.35	47.25	Py	Perv									
46.35	47.25	0.90																					
46.35	47.25	0.90									46.35	47.25	Py										
47.25	48.75	1.50	XT	GRN	siliceous welded XT																		
47.25	48.75	1.50									47.25	48.75	Cb	Vn	Wk								
47.25	48.75	1.50																					
48.75	50.40	1.65	LT	MAR	lapilli <2cm, bottom 5cm AT above flt contact																		

Lithology							Alteration					Mineralization					Structure										
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments				
48.75	50.40	1.65																									
48.75	50.40	1.65																			48.75	50.40	Frc	45			
50.40	51.00	0.60	FT	BLE	strong ser alt w/ clay in flt gouge																						
50.40	51.00	0.60												50.40	51.00	Cy	Perv										
50.40	51.00	0.60												50.40	51.00	Ser	Perv	Str									
50.40	51.00	0.60																			50.40	51.00	Flt	30			
51.00	61.92	10.92	LT	MAR	siliceous LT, lapilli <2cm, clasts <5cm																						
51.00	61.92	10.92												51.00	61.92	Cb	Vn	Wk									
51.00	61.92	10.92																			51.00	61.92	Frc	80			
61.92	62.45	0.53	Va	BLE	bleached XT along qtz-cal veins <2cm at 30 tca w/ diss py, contacts at 30 tca																						
61.92	62.45	0.53												61.92	62.45	Cb	Perv	Int									
61.92	62.45	0.53												61.92	62.45	Qz	Perv	Int									
61.92	62.45	0.53												61.92	62.45	Py	Perv										
61.92	62.45	0.53												61.92	62.45	Blch	Perv	Int									
61.92	62.45	0.53																			61.92	62.45	Frc	30			
62.45	64.20	1.75	LT	MAR	siliceous LT, lapilli <1cm																						
62.45	64.20	1.75												62.45	64.20	Cb	Vn	Wk									
62.45	64.20	1.75																			62.45	64.20	Frc	45			
64.20	69.14	4.94	BTm	G-M	intercalated green AT w/ diss py and maroon XT and LT, intense qtz-cal veining and some chl alt w/ bleaching																						
64.20	69.14	4.94												64.20	69.14	Cb	Vn	Int									
64.20	69.14	4.94												64.20	69.14	Blch	Vn	Wk									
64.20	69.14	4.94												64.20	69.14	Chl	Vn	Pre									
64.20	69.14	4.94												64.20	69.14	Py	Vn										
64.20	69.14	4.94																			64.20	69.14	Frc	80			
69.14	70.40	1.26	XT	MAR	siliceous XT w/ 20cm AT on top																						
69.14	70.40	1.26												69.14	70.40	Cb	Vn	Wk									
69.14	70.40	1.26																			69.14	70.40	Frc	80			
70.40	78.02	7.62	LT	MAR	siliceous LT, lapilli <2cm, clasts <5cm																						
70.40	78.02	7.62												70.40	78.02	Cb	Vn	Wk									
70.40	78.02	7.62																			70.40	78.02	Frc	60			

Lithology						Alteration				Mineralization				Structure											
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments		
78.02	78.30	0.28	Va	BLE	bleached XT along qtz-cal veins <1cm at 30 tca w/ py and cpy																				
78.02	78.30	0.28							78.02	78.30	Cb	Perv	Pre												
78.02	78.30	0.28							78.02	78.30	Blch	Perv	Pre												
78.02	78.30	0.28												78.02	78.30	Cp									
78.02	78.30	0.28												78.02	78.30	Py									
78.02	78.30	0.28																	78.02	78.30	Frc	30			
78.30	79.50	1.20	XT	MAR	chl alt in maroon XT				78.30	79.50	Cb	Perv	Pre												
78.30	79.50	1.20							78.30	79.50	Chl	Perv	Wk												
78.30	79.50	1.20																	78.30	79.50	Frc	30			
79.50	81.30	1.80	Va	BLE	bleached maroon XT w/ minor chl alt and diss py																				
79.50	81.30	1.80							79.50	81.30	Cb	Stwk	Pre												
79.50	81.30	1.80							79.50	81.30	Py	Stwk	Pre												
79.50	81.30	1.80							79.50	81.30	Blch	Stwk	Pre						79.50	81.30	Py				
79.50	81.30	1.80																	79.50	81.30	Frc	80			
79.50	81.30	1.80																							
81.30	85.40	4.10	XT	M-G	siliceous maroon XT w/ intercalated green XT																				
81.30	85.40	4.10							81.30	85.40	Cb	Vn	Wk												
81.30	85.40	4.10																	81.30	85.40	Frc	60			
85.40	91.80	6.40	LT	MAR	LT w/ intercalated AT w/ folded cal veins at top and bedded tuff intermittend																				
85.40	91.80	6.40							85.40	91.80	Cb	Vn	Mod												
85.40	91.80	6.40																	85.40	91.80	Frc	80			
91.80	94.33	2.53	XT	MAR	dark maroon XT w/ high porosity and vuggy matrix																				
91.80	94.33	2.53							91.80	94.33	Cb	Vn	Wk												
91.80	94.33	2.53																	91.80	94.33	Frc	45	crushed due to high porosity		
94.33	94.66	0.33	Va	BLE	bleached AT w/ diss py				94.33	94.66	Py	Perv													
94.33	94.66	0.33							94.33	94.66	Blch	Perv	Mod						94.33	94.66	Py				
94.33	94.66	0.33																	94.33	94.66	Frc	30			
94.33	94.66	0.33																	94.33	94.66	Cn	30			

Lithology							Alteration					Mineralization					Structure															
From	To	Len	Rk	Typ	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments									
94.66	97.16	2.50	XT	MAR	dark maroon XT w/ high porosity and vuggy matrix																											
94.66	97.16	2.50										94.66	97.16	Cb	Vn	Wk								94.66	97.16	Frc	60	crushed				
94.66	97.16	2.50																														
97.16	97.51	0.35	AT	BLE	upper contact at 30 tca, lower contact at 45 tca							97.16	97.51	Blch	Perv	Mod								97.16	97.51	Cn	30	upper				
97.16	97.51	0.35																														
97.51	99.55	2.04	XT	MAR	dark maroon XT w/ high porosity and vuggy matrix and chl FF							97.51	99.55	Chl	Vn									97.51	99.55	Frc	60	crushed				
97.51	99.55	2.04										97.51	99.55	Cb	Vn	Wk																
97.51	99.55	2.04																														
99.55	107.40	7.85	Va	BLE	bleached AT w/ cubes <1mm of diss py							99.55	107.40	Cb	Perv	Pre																
99.55	107.40	7.85										99.55	107.40	Py	Perv	Int																
99.55	107.40	7.85										99.55	107.40	Blch	Perv	Int																
99.55	107.40	7.85										99.55	107.40	Py																		
107.40	109.91	2.51	QV	BLE	Boulder vein w/ semi-massive py, upper contact at 20 tca, lower contact at 90 tca w/ flt gouge							107.40	109.91	Qz	Vn																	
107.40	109.91	2.51										107.40	109.91	Cb	Vn																	
107.40	109.91	2.51										107.40	109.91	Py	Vn																	
107.40	109.91	2.51										107.40	109.91	Py																		
109.91	111.67	1.76	Va	BLE	similar to AT above the Boulder							109.91	111.67	Py	Perv																	
109.91	111.67	1.76										109.91	111.67	Blch	Perv	Int																
109.91	111.67	1.76										109.91	111.67	Py																		
111.67	113.00	1.33	QV	BLE	repeat of boulder, top at 45, bottom at 30 tca							111.67	113.00	Cb	Vn																	
111.67	113.00	1.33										111.67	113.00	Py	Vn																	
111.67	113.00	1.33										111.67	113.00	Qz	Vn																	
111.67	113.00	1.33										111.67	113.00	Py																		
111.67	113.00	1.33										111.67	113.00	Frc	80																	

Lithology							Alteration				Mineralization				Structure													
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments						
113.00	122.00	9.00	Va	BLE	bleached and ser alt XT w/ diss py																							
113.00	122.00	9.00										113.00	122.00	Blch	Perv	Int												
113.00	122.00	9.00										113.00	122.00	Ser	Perv	Mod												
113.00	122.00	9.00										113.00	122.00	Py	Perv													
113.00	122.00	9.00										113.00	122.00	Py														
113.00	122.00	9.00																	113.00	122.00	Flt	w/ core loss at 120m						
113.00	122.00	9.00																	113.00	122.00	Frc	80						
122.00	124.80	2.80	XT	GRN	siliceous XT w/ mod qtz-cal veining																							
122.00	124.80	2.80										122.00	124.80	Cb	Vn	Mod												
122.00	124.80	2.80																	122.00	124.80	Frc	60						
124.80	125.60	0.80	TB	G-M	top 10 cm flt gouge, tuff breccia w/ green and maroon XT, healed w/ vuggy cal																							
124.80	125.60	0.80										124.80	125.60	Cy	Gg													
124.80	125.60	0.80										124.80	125.60	Cb	Gg	Int												
125.60	130.30	4.70	LT	M-G	siliceous LT, lapilli <2cm, clasts <5cm																							
125.60	130.30	4.70										125.60	130.30	Cb	Vn	Pre												
125.60	130.30	4.70																	125.60	130.30	Frc	60						
130.30	135.00	4.70	XT	G-M	siliceous XT w/ intercalated AT and int qtz-cal veining																							
130.30	135.00	4.70										130.30	135.00	Cb	Vn	Int												
130.30	135.00	4.70																	130.30	135.00	Frc	60						



Dome Mountain Project Database

Hole Number: DM-16-099

Drill Hole Log

Grid-X: 652,840.25

Brg: 355.00

Ovb: 4.30

Surveyor: JH-GPS-RTK

Drill: Driftwood Diamond Drilling

Grid-Y: 6,068,799.07

Dip: -67.30

Casing: 4.50

Survey Date: 27-Sep-16

Drill Dates: 12-Feb-16 to 15-Feb-16

Grid-Z: 1,423.91

Depth: 248.10

Recover Casing: yes

Core Size: HQ

Geologist: Rob Boyce

NTS: 93L 077

Claim: 0

Area: DOME MOUNTAIN

Log Dates: 13-Feb-16 to 17-Feb-16

Target: Boulder Vein west extension

Comments: Drilled from Pad 1; extended 48m from design. Several Va/Vas zones in upper half.
Alteration zone 199.7 - 242.45m contains six veins 0.5m to 1.44m width.

Lithology						Alteration				Mineralization				Structure										
From	To	Len	Rk	Typ	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments		
0.00	4.30	4.30	OB				Casing to 4.5m																	
4.30	12.32	8.02	LT	G-M			Lapilli Tuff with rounded to flattened fragments to 4cm, with ashy sections. Variable alteration and weathering results in colour changing downhole from rusty brown to green to maroon-grey to green. Well-fractured from top to 5.2m. Well-frc'd with bleaching to pale brown and 1 - 2cm rusty rinds on surfaces: 7.2 - 7.35m & 8.85 - 9.05m. Rusty coated fracture surfaces down to 10.0m. Scattered qz-cb-py stringers <1cm from top to 6.6m and 9.6 - 10.05m.																	
12.31	12.32	0.01																12.31	12.32	LC	35	minor rusty fracture		
12.32	14.10	1.78	Va	BLE			Altered zone developed in Ash Tuff with scattered lapilli. Buff to locally pink, with rusty rind 2cm on some fractures (possibly remnants of cb-qz-py veins). Few milky colour qz-cb stringers with rare fg py cubes.																	
14.06	14.10	0.04															14.06	14.10	LC	20	rusty fracture			
14.10	15.35	1.25	LT	M-G			Maroon Lapilli Tuff, becoming green at downhole end.										15.34	15.35	LC	65	sharp contact on rusty fracture			

Lithology							Alteration				Mineralization				Structure														
From	To	Len	Rk	Type	Minor	Color	Description				From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments				
15.35	19.10	3.75	Va	BLE			Mod to strong Altered Zone developed in Ash/Lapilli Tuff. Buff to pinkish colour, and 25% pale green sections. 2 to 20% milky qz (& qz-cb) stringers/stwk 1 - 5mm wide, with very minor cubic py. 18.4 - 18.54m: 2cm weakly-banded qz-(cb) with 5% band/bleb pyrite. Irreg downhole contact.																						
15.35	19.10	3.75									15.35	19.10	Sil	Perv	Mod														
15.35	19.10	3.75									15.35	19.10	Ser	Perv	Pre														
15.35	19.10	3.75									15.35	19.10	Cy	Perv	Mod														
15.35	19.10	3.75									15.35	19.10	Chl	Perv	Wk														
19.10	65.80	46.70	LT	M-G			Lapilli Tuff with subrounded to rarely angular fragments up to 5cm. Sections show sparse lapilli in ash matrix; other sections contain lapilli <1cm. Sections 10 - 30cm Ash Tuff. Colour varies from maroon through grey to green, in equal proportions. Weak to mod siliceous, with a few 5cm - 30cm bleached pinkish-green or buff sections. Common irreg qz & qz-cb (+ qz-ab?) stringers up to 1cm, rarely with pyrite. Variable orientation incl sub// TCA. 28.5 - 29.05m: crackled maroon section with qz-cb frc-fill. Grad downhole contact into Ash/Crystal Tuff.																						
27.49	27.52	0.03	QV	WHT			Banded qz-cb vein									27.49	27.52	Py	6										
27.49	27.52	0.03																											
27.49	27.52	0.03														31.35	32.93	Gn	0	3% within 3mm - 1cm vein									
31.35	32.93	1.58														31.35	32.93	Py	0	5% within 3mm - 1cm vein									
31.35	32.93	1.58																											

Lithology							Alteration				Mineralization				Structure									
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments		
37.90	38.40	0.50		Va	G-B		Greenish-pink sheared, siliceous Alteration Zone in Ash Tuff, with alignment/shear parallel with 4cm qz-cb-chl																	
37.90	38.40	0.50																37.90	38.40	Sh	25			
49.43	49.64	0.21																49.43	49.64	Flt	2	1cm clay gouge		
49.64	64.00	14.36																49.64	64.00	Aln	70			
54.12	54.17	0.05		QV	WHT		Bull Qz Vein - white & cream intergrowth											54.12	54.17	Vn	40	clay sfc at downhole		
54.12	54.17	0.05																						
54.45	54.95	0.50		Va	G-B		Alteration Envelopes on highly convoluted 0.5 -2cm qz-cb stringers; in Ash Tuff section																	
65.80	67.96	2.16	Red	Va	G-B		Wk-mod Altered Zone developed in Crystal Tuff. Variable colour Pale to med green, to pinkish-buff. Scattered qz stringers contain minor py.																	
65.96	66.05	0.09		QV	WHT		White bull qz											65.96	66.05	Vn	75	clay/cb on broken downhole contact		
65.96	66.05	0.09																						
67.15	67.45	0.30		Vas	VAR		one 2.5cm vein contains 25% sulphides																	
67.15	67.45	0.30															67.15	67.45	Cp	1				
67.15	67.45	0.30															67.15	67.45	Py	4				
67.95	67.96	0.01																67.95	67.96	LC	3	on minor clay-coated structure		
67.96	103.06	35.10	Red	XT	G-M		Crystal Tuff (locally appears as Ash Tuff. Colour dominantly green and lesser maroon, varying over short intervals. Includes 10cm - 60cm sections patchy-bleached. Uncommon 0.5 - 1cm banded/contorted qz-cb veins with 1% - 5% py as disseminated cubes within or marginal to the vein. 98.8 - 100.0m: 1 - 3cm vuggy milky qz-cb vein convoluted subparallel TCA with many splays; minor blebbly py; wk-bleached siliceous/pyritic envelope. Obscure downhole contact.																	

Lithology							Alteration				Mineralization				Structure							
From	To	Len	Rk	Typ	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
74.76	77.10	2.34	Va	GRN	Wk altered zone with stringers		74.76	77.10	Cy	Pch	Pre											
74.76	77.10	2.34					74.76	77.10	Py	Pch	Wk											
74.76	77.10	2.34					74.76	77.10	Chl	Pch	Mod											
74.76	77.10	2.34					74.76	77.10	Ser	Pch	Pre											
74.78	77.10	2.32						74.78	77.10	Py	2	up to 15% in <1cm stringers										
74.78	77.10	2.32						74.78	77.10	Gn	0	up to 1% locally in stringers										
81.00	82.40	1.40	Va	G-B	Bleached altered zone with green ends, centred on 1 - 2cm qz stringers with py or galena																	
81.00	81.24	0.24					81.00	81.24	Cy	Perv	Wk											
81.00	81.24	0.24					81.00	81.24	Ser	Perv	Wk											
81.00	81.24	0.24					81.00	81.24	Py	Perv	Wk											
81.00	82.20	1.20						81.00	82.20	Py	2											
81.00	82.20	1.20						81.00	82.20	Gn	0											
103.06	107.80	4.74	AT	M-G	Ash Tuff with scattered small lapilli; mostly maroon uphole, mostly green downhole. Very few qz-cb stringers containing bleb py.																	
103.06	107.80	4.74																103.06	107.80	Bd	50	
107.80	111.53	3.73	LT	GRN	Lapilli Tuff with sparse rounded lapilli generally <1cm, locally to 4cm. Few contorted qz-py-cb stringers 4mm - 1.5cm, which display weak chloritic envelopes. Downhole contact broken, with ground-up core ends.																	

Lithology						Alteration				Mineralization				Structure											
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments		
111.53	170.25	58.72	FP	G-G			Fine-grained Feldspar Porphyry. Green to green-grey with local patch maroon-green. Common qz-cb-chl (no py) stringers to 5mm, spaced 3 to 2cm. Fracture spacing 10 - 20cm, more broken than most core uphole. Well-frc'd																		
144.3	145.1m	& 148.8 -					149.8m. A few of the fractures show hematite surface. Grad downhole contact.																		
125.00	170.00	45.00							125.00	170.00	Ep	Mtx	Wk												
142.95	143.80	0.85	QV	WHT			3 - 4cm qz-cb vein with ep rim and 2% central chl lenses												142.95	143.80	Vn	15			
142.95	143.80	0.85																							
154.20	154.28	0.08	CV	GRN			Cb-Chl-Qz banded vein with hem partings												154.27	154.28	Flt	60	clay gouge surface downhole contact		
154.27	154.28	0.01																							
170.25	178.10	7.85	FP	MAR			Maroon-grey Feldspar Porphyry, basically unaltered. Qz-cb strs common in varying intensity. Obscure downhole contact, texture not visible; downhole parts of unit may be a Crystal Tuff.																		
170.25	178.10	7.85																	170.25	178.10	Vn	50	and other orientations		
178.10	199.70	21.60	LT	MAR			Lapilli Tuff, mostly with fragments <1cm, locally up to 5cm & flattened. Green section 185.8 - 188.4m. Minor irreg cb-qz stringers and rare sericite lenses/blobs. Ground core 182.9 - 183.8m, with some core loss. "Dropped Core" section 193.3 - 194.1m. Slightly bleached downhole from 195.5m. Grad downhole contact.																		
178.10	199.70	21.60																178.10	199.70	Aln	55				
185.85	185.98	0.13	QV	WHT			Qz-cb-chl banded vein 3cm wide with coarse cubic py 6%												185.90	185.98	Flt	35	minor clay gouge as downhole contact		
185.90	185.98	0.08																							

Lithology							Alteration				Mineralization				Structure								
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
196.36	197.00	0.64		Vas	BLE		Strongly altered & stwk'd section. Varies from uphole end: pale pink-purple, with cb-gypsum frc-fill to central buff-colour clay-altered crumbly; to downhole pink-buff siliceous, qz-veined with bleb/disem py																
198.88	199.09	0.21		Va	BLE		Pale pink altered zone with irreg qz-(cb) stringers with dissem py & envelopes sericite-(chl-ep)																
199.70	202.77	3.07	Var		BLE		Strongly altered section, apparently developed in Ash Tuff. Pale purple at uphole end to mainly buff, with pale green section 200.65 - 201.5m. Scattered qz-cb-py stringers, generally increasing downhole, 5% overall. Wk fabric fragments/veins 30 to 50 degrees TCA.																
199.70	202.77	3.07						199.70	202.77	Ser	Perv	Pre											
199.70	202.77	3.07						199.70	202.77	Cy	Perv	Mod											
199.70	202.77	3.07						199.70	202.77	Py	Perv	Wk											
202.77	205.87	3.10	Vas		BLE		Intensely altered & stwk'd developed in welded Ash Tuff. 5 - 50% qz-cb-sul stringers/stwk to 5cm.																
202.77	205.87	3.10						202.77	205.87	Cy	Perv	Str											
202.77	205.87	3.10						202.77	205.87	Ser	Perv	Wk											
202.77	205.87	3.10						202.77	205.87	Py	Perv	Wk											
202.77	205.87	3.10											202.77	205.87	Sph	0							
202.77	205.87	3.10											202.77	205.87	Py	3							
203.21	203.22	0.01															203.21	203.22	Fd	75	2mm clay gouge		
204.31	204.66	0.35	QV	VAR									204.31	204.66	Py	10							
204.31	204.66	0.35											204.31	204.66	Sph	0							
204.31	204.66	0.35																					
205.87	206.48	0.61	QV	VAR			Banded & contorted qz-cb-sul vein with 30% wallrock slices																
205.87	206.48	0.61											205.87	206.48	Py	7							
205.87	206.48	0.61											205.87	206.48	Sph	0							
205.87	206.48	0.61											205.87	206.48	Gn	0							
206.48	208.42	1.94	Vas		BLE		Altered Zone with qz-cb sheeting & irreg stringers.																

Lithology							Alteration				Mineralization				Structure								
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
206.48	208.42	1.94						206.48	208.42	Blch	Perv	Int											
206.48	208.42	1.94						206.48	208.42	Py	Perv	Mod											
206.48	208.42	1.94											206.48	208.42	Sph	0							
206.48	208.42	1.94											206.48	208.42	Py	2							
206.48	208.42	1.94																206.48	208.42	Vn	75		
208.42	208.92	0.50	QV	VAR			Massive/banded/intergrown qz-(cb) vein complex. Irreg contacts.																
208.42	208.92	0.50											208.42	208.92	Py	8							
208.42	208.92	0.50											208.42	208.92	Cp	0							
208.42	208.92	0.50											208.42	208.92	Sph	0	poss noted spot ruby silver						
208.92	210.66	1.74	Vas	BLE			Siliceous altered zone with 30% qz-cb-(ab?) veins as sheeting and convoluted/branching.																
208.92	210.66	1.74						208.92	210.66	Py	Perv	Mod											
208.92	210.66	1.74						208.92	210.66	Cy	Perv	Str											
208.92	210.66	1.74						208.92	210.66	Ser	Perv	Wk											
208.92	210.66	1.74											208.92	210.66	Sph	0							
208.92	210.66	1.74											208.92	210.66	Py	5							
208.92	210.66	1.74											208.92	210.66	Gn	0							
210.66	212.10	1.44	QV	VAR			White-milky qz-(cb) vein complex, banded/intergrown/blebby.						210.66	212.10	Py	10	dominantly in uphole half						
210.66	212.10	1.44											210.66	212.10	Sph	0	near downhole end						
210.66	212.10	1.44											210.66	212.10	Gn	2	mainly in vein centre						
211.83	211.84	0.01																211.83	211.84	Flt	60	clay-coated minor slip	
212.10	214.16	2.06	Va	BLE			Bleached altered section with original texture erased; weakly banded to contorted. Irreg qz + qz-cb stringers 5%																
212.10	214.16	2.06						212.10	214.16	Py	Perv	Wk											

Lithology							Alteration				Mineralization					Structure											
From	To	Len	Rk	Type	Minor	Color	Description			From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments			
212.10	214.16	2.06												212.10	214.16	Blch	Perv	Int	212.10	214.16	Sph	0					
212.10	214.16	2.06												212.10	214.16	Py	1		214.15	214.16	LC	50					
212.10	214.16	2.06																									
214.15	214.16	0.01																									
214.16	215.47	1.31	LT	MAR	Maroon Lapilli/Ash Tuff. Irreg short qz-cb stringers.																						
215.46	215.47	0.01																	215.46	215.47	LC						
215.47	216.83	1.36	Va	BLE	Strongly altered zone, pale purple uphole to buff downhole. Wk stwk & contorted qz-cb stringers. Irreg downhole contact																						
215.47	216.83	1.36												215.47	216.83	Py	Perv	Wk	215.47	216.83	Ser	Perv	Pre				
215.47	216.83	1.36												215.47	216.83	Cy	Perv	Mod									
215.47	216.83	1.36												215.47	216.83	Chl	Perv	Pre	215.47	216.83	Py	2	increases downhole				
216.83	218.53	1.70	Vas	BLE	Bleached buff to grey, strongly altered & veined (25%) zone. Stwk & convoluted stringers.																						
216.83	218.53	1.70												216.83	218.53	Py	Perv	Wk	216.83	218.53	Blch	Perv	Int	216.83	218.53	Py	4
216.83	218.53	1.70												216.83	218.53	Sph	0										
216.83	218.53	1.70												216.83	218.53	Cp	0										
217.35	217.44	0.09	QV	WHT	Irreg banded qz-(sul-cb) vein																						
217.35	217.44	0.09																	217.35	217.44	Vn	60					
218.53	218.60	0.07	NC		Core lost from centre of vein on fault, designated location at top of vein																						
218.60	219.24	0.64	QV		Strongly banded, vuggy and fractured (faulted) vein with gouge zones and 7cm lost core (noted above). Sharp, wavy downhole contact																						
218.60	219.24	0.64												218.60	219.24	PO	3	some very fine-grained in sericitic bands	218.60	219.24	Gn	0					
218.60	219.24	0.64												218.60	219.24	Gn	0										

Lithology					Alteration				Mineralization				Structure										
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
218.63	218.65	0.02																218.63	218.65	Flt	45	minor clay slip	
218.84	218.85	0.01																218.84	218.85	Flt	60	gritty clay, unknown width	
218.94	218.95	0.01																218.94	218.95	Flt	50	minor clay-coated slip	
218.95	219.24	0.29						218.95	219.24	Ser	Bn	Wk											
218.95	219.22	0.27																218.95	219.22	Bn	65		
219.24	221.10	1.86	Va	BLE	Contorted banded Altered Zone, buff to grey. Broken downhole contact																		
219.24	221.10	1.86																219.24	221.10	Sph	0		
219.24	221.10	1.86																219.24	221.10	Py	3		
219.99	220.00	0.01																219.99	220.00	Flt	45	2mm clay gouge	
221.10	221.82	0.72	QV	GRY	Banded, convoluted qz-cb-sul vein with 15% altered wall rock slices.																		
221.10	221.82	0.72																221.10	221.82	Gn	0		
221.10	221.82	0.72																221.10	221.82	Py	5		
221.81	221.82	0.01																221.81	221.82	LC	55	sharp	
221.82	225.40	3.58	Vas	BLE	Bleached buff to grey to locally pinkish Altered Zone, weakly banded, some veins sub//. 5 - 25% stringers/stwk.																		
221.82	225.40	3.58						221.82	225.40	Py	Perv	Pre											
221.82	225.40	3.58						221.82	225.40	Blch	Perv	Int											
221.82	225.40	3.58											221.82	225.40	Py	3	stronger in upper half						
221.82	225.40	3.58											221.82	225.40	Gn	0	mainly btwn 223 & 224m						
221.82	225.40	3.58											221.82	225.40	Sph	0	mainly btwn 223 & 224m						
225.40	228.65	3.25	Va	BLE	Wk-mod altered zone, mainly buff with pink/maroon or green sections. Stringers 2% to locally 20%. Broken/ground downhole contact.																		
225.40	228.65	3.25						225.40	228.65	Py	Pch	Pre											
225.40	228.65	3.25						225.40	228.65	Chl	Pch	Wk											
225.40	228.65	3.25						225.40	228.65	Blch	Pch	Mod											
226.50	228.65	2.15											226.50	228.65	Py	1							
226.50	228.65	2.15											226.50	228.65	Cp	0							

Lithology							Alteration				Mineralization				Structure								
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
228.65	230.48	1.83	Vas	BLE	Strongly banded and altered section, 30% siliceous wallrock. Broken downhole contact																		
228.65	230.48	1.83											228.65	230.48	Py	4							
228.65	230.48	1.83											228.65	230.48	Sph	0							
230.48	230.98	0.50	QV	GRY	Folded-banded, broken grey-white quartz with some internal gouge or slickensides; possible minor core loss.																		
230.66	230.67	0.01																230.66	230.67	Flt	60	minor slickensided slip	
230.89	230.90	0.01																230.89	230.90	Flt	45		
230.96	230.98	0.02																230.96	230.98	LC	45		
230.98	234.80	3.82	Va	BLE	Bleached buff to pinkish Altered Zone, qz-sul stringers 2% to local 15%. Grad downhole contact.																		
230.98	234.80	3.82						230.98	234.80	Py	Perv	Wk											
230.98	234.80	3.82						230.98	234.80	Blch	Perv	Str											
230.98	234.80	3.82											230.98	234.80	Py	3							
230.98	234.80	3.82											230.98	234.80	Gn	0	local						
230.98	234.80	3.82											230.98	234.80	Cp	0	local						
232.10	232.12	0.02																232.10	232.12	Flt	30	minor flt with 2mm clay gouge	
234.80	240.15	5.35	Vas	GRN	Green chl-dominated Alteration Zone, with sinuous qz-blebby py stringers up to 2cm, commonly oriented sub// core axis. Small sections crackled, buff-coloured with clay altn. Texture obscured by altn. Grad downhole contact.																		
234.80	240.15	5.35						234.80	240.15	Cy	Perv	Wk											
234.80	240.15	5.35						234.80	240.15	Chl	Perv	Mod											
234.80	240.15	5.35						234.80	240.15	Py	Perv	Wk											
234.80	240.15	5.35											234.80	240.15	Cp	0	local						
234.80	240.15	5.35											234.80	240.15	Py	4	blebs to 1.5cm						
234.80	240.15	5.35											234.80	240.15	Gn	0	local						

Lithology							Alteration				Mineralization				Structure											
From	To	Len	Rk	Type	Minor	Color	Description			From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments		
240.15	242.45	2.30	Va	BLE	Intense alteration developed in Lapilli/Crystal Tuff. Numerous small stringers qz-(cb-py) <10% of rock. Generally siliceous. A few fractures filled with soft white platy mineral (talc?) - contributes to fractures at 0 to 3 degrees TCA.																					
240.15	242.45	2.30						240.15	242.45	Blch	Perv	Int														
240.15	242.45	2.30						240.15	242.45	Py	Perv	Pre														
240.15	242.45	2.30													240.15	242.45	PO	1								
240.15	242.45	2.30													240.15	242.45	Cp	0	2 blebs 4mm x 5cm 241.64 - 241.76m							
240.70	240.75	0.05																		240.70	240.75	Flt	30	clay sfc minor flt		
241.90	241.95	0.05																		241.90	241.95	Flt	50	clay surface 5mm? Poss core loss		
242.44	242.45	0.01																		242.44	242.45	LC	75	clay sfc minor fit (3mm?)		
242.45	242.75	0.30	Vas	G-B	Crackled, strongly altered zone (bleaching & py decreasing downhole) with silica matrix.																					
242.45	248.10	5.65	LT	GRN	Lapilli Tuff, trending downhole to Crystal Tuff, weakly propylitically altered, cut by common qz-(cb-chl) stringers to local stwk, cubic pyrite very local. Local envelopes buff to pink.																					
242.45	242.75	0.30						242.45	242.75	Py	Pch	Wk														
242.45	242.75	0.30						242.45	242.75	Blch	Pch	Str														
245.75	246.10	0.35	Vas	BLE	Buff-clouded bleached, brecciated section deveoped in Crystal Tuff. 20% stringers/mtx. No sulphides observed.																					
245.75	246.10	0.35						245.75	246.10	Sil	Mtx	Str														
245.75	246.10	0.35						245.75	246.10	Blch	Mtx	Int														



Dome Mountain Project Database

Hole Number: DM-16-100

Drill Hole Log

Grid-X: 653,700.33

Brg: 0.00

Ovb: 12.00

Surveyor: JH-GPS-RTK

Drill: Driftwood Diamond Drilling

Grid-Y: 6,068,889.23

Dip: 58.00

Casing: 10.50

Survey Date: 27-Sep-16

Drill Dates: 08-Feb-16 to 09-Feb-16

Grid-Z: 1,254.39

Depth: 81.00

Recover Casing:

yes

Core Size: HQ

Geologist: Mathias Westphal

NTS:

Claim: 0

Area: DOME MOUNTAIN

Log Dates: 10-Feb-16 to 10-Feb-16

Target:

Comments:

Lithology						Alteration					Mineralization					Structure										
From	To	Len	Rk	Typ	Minor	Color	Description					From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
0.00	12.00	12.00		OB																						
0.00	0.00	0.00										0.00	0.00	Grph	Bn	Str										
0.00	0.00	0.00										0.00	0.00	Cb	Bn	Pre										
12.00	16.50	4.50	AR	BLK			crushed rock, graphite interlayers, qtz-cal vein w/ py cubes <5mm at 30 tca at 14.3m																			
12.00	16.50	4.50															12.00	16.50	Py		in qtz-cal vein <5mm at 30 tca at 14.3m					
12.00	16.50	4.50																								
16.50	24.50	8.00	V/S	GRY			intercalated AR in AT, AT w/some py veins <1mm at 30 tca at 16.7, 20.45 w/ core loss, 23.7, and 23.95m, qtz-cal vein <5cm at 30 tca w/ semi massive py pods at 24.2m and qtz-cal vein <1cm subparallel and folded w/ py spots at 24.3m														12.00	16.50	Frc		crushed	
16.50	24.50	8.00																								
16.50	24.50	8.00										16.50	24.50	Py	Vn	Pre		16.50	24.50	Py		py veins <1mm at 30 tca at 16.7, 20.45 w/ core loss, and 23.7m				
16.50	24.50	8.00																								
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16.50	24.50	8.00				</																				

Lithology							Alteration					Mineralization					Structure												
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments						
24.50	28.80	4.30	XT	GRN	ser altered XT w/ intercalated green AT																								
24.50	28.80	4.30										24.50	28.80	Ser	Bn	Mod								24.50	28.80	Frc	70		
24.50	28.80	4.30										28.80	30.55	Cb	Vn	Pre								28.80	30.55	Frc	70		
28.80	30.55	1.75	AT	GRN	green siliceous AT																								
28.80	30.55	1.75										30.55	31.80	Chl	FF	Pre								30.55	31.80	Frc	30		
28.80	30.55	1.75										31.80	38.95	Chl	FF	Pre								31.80	38.95	Frc	70		
30.55	31.80	1.25	LT	MAR	lapilli <1cm, high porosity w/ vuggy matrix							31.80	38.95	Chl	FF	Pre								31.80	38.95	Frc	30		
30.55	31.80	1.25										38.95	42.10	Chl	FF	Pre								38.95	42.10	Frc	70		
31.80	38.95	7.15	LT	M-G	intercalated siliceous LT-XT-AT and sections w/ porosity and chl FF							38.95	42.10	Chl	FF	Pre								38.95	42.10	Frc	70		
31.80	38.95	7.15										38.95	42.10	Blch	FF	Pre								38.95	42.10	Frc	70		
31.80	38.95	7.15										38.95	42.10	He	FF	Pre								38.95	42.10	Frc	70		
38.95	42.10	3.15	LT		weakly welded LT, lapilli <1cm, chl FF, bleaching above flt w/ hem alt							42.10	43.20	Py	Perv	Pre								42.10	43.20	Frc	70		
38.95	42.10	3.15										42.10	43.20	Blch	Perv	Str								42.10	43.20	Frc	70		
38.95	42.10	3.15										42.10	43.20	Py										42.10	43.20	Frc	70		
42.10	43.20	1.10	Va	BLE	strong bleached LT w/ diss py							43.20	43.60	Ser	Perv	Str								43.20	43.60	Frc	70		
42.10	43.20	1.10										43.20	43.60	Cy	Perv									43.20	43.60	Frc	70		
42.10	43.20	1.10										43.60	46.70	Ser	FF	Mod								43.60	46.70	Frc	80		
42.10	43.20	1.10										43.60	46.70	He	FF	Pre								43.60	46.70	Frc	80		
42.10	43.20	1.10										43.60	46.70	Chl	FF	Pre								43.60	46.70	Frc	80		
43.20	43.60	0.40	FT	BLE	strong ser alt and flt gouge							43.60	46.70	Chl	FF	Mod								43.60	46.70	Frc	80		
43.20	43.60	0.40										43.60	46.70	He	FF	Pre								43.60	46.70	Frc	80		
43.20	43.60	0.40										43.60	46.70	Chl	FF	Pre								43.60	46.70	Frc	80		
43.60	46.70	3.10	Va	MAR	ser alt LT and chl FF, some hem alt							46.70	49.80	Ser	FF	Mod								46.70	49.80	Frc	80		
46.70	49.80	3.10										49.80	52.90	Ser	FF	Mod								49.80	52.90	Frc	80		
49.80	52.90	3.10										52.90	56.00	Ser	FF	Mod								52.90	56.00	Frc	80		
52.90	56.00	3.10										56.00	59.10	Ser	FF	Mod								56.00	59.10	Frc	80		
56.00	59.10	3.10										59.10	62.20	Ser	FF	Mod								59.10	62.20	Frc	80		
59.10	62.20	3.10										62.20	65.30	Ser	FF	Mod								62.20	65.30	Frc	80		
62.20	65.30	3.10										65.30	68.40	Ser	FF	Mod								65.30	68.40	Frc	80		
65.30	68.40	3.10										68.40	71.50	Ser	FF	Mod								68.40	71.50	Frc	80		
68.40	71.50	3.10										71.50	74.60	Ser	FF	Mod								71.50	74.60	Frc	80		
71.50	74.60	3.10										74.60	77.70	Ser	FF	Mod								74.60	77.70	Frc	80		
74.60	77.70	3.10										77.70	80.80	Ser	FF	Mod								77.70	80.80	Frc	80		
77.70	80.80	3.10										80.80	83.90	Ser	FF	Mod								80.80	83.90	Frc	80		
80.80	83.90	3.10										83.90	87.00	Ser	FF	Mod								83.90	87.00	Frc	80		
83.90	87.00	3.10										87.00	90.10	Ser	FF	Mod								87.00	90.10	Frc	80		
87.00	90.10	3.10										90.10	93.20	Ser	FF	Mod								90.10	93.20	Frc	80		
90.10	93.20	3.10										93.20	96.30	Ser	FF	Mod								93.20	96.30	Frc	80		
93.20	96.30	3.10										96.30	99.40	Ser	FF	Mod								96.30	99.40	Frc	80		
96.30	99.40	3.10										99.40	102.50	Ser	FF	Mod								99.40	102.50	Frc	80		
99.40	102.50	3.10										102.50	105.60	Ser	FF	Mod								102.50	105.60	Frc	80		
102.50	105.60	3.10										105.60	108.70	Ser	FF	Mod								105.60	108.70	Frc	80		
105.60	108.70	3.10										108.70	111.80	Ser	FF	Mod								108.70	111.80	Frc	80		
108.70	111.80	3.10										111.80	114.90	Ser	FF	Mod								111.80	114.90	Frc	80		
111.80	114.90	3.10			</td																								

Lithology						Alteration				Mineralization				Structure									
From	To	Len	Rk	Type	Minor Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
46.70	49.60	2.90	AT	GRN		siliceous green AT, py veining <1mm at 30 tca and FF at top 30cm																	
46.70	49.60	2.90										46.70	49.60	Cb	FF	Pre	46.70	49.60	Py	py veining <1mm at 30 tca and FF at top 30cm			
46.70	49.60	2.90																					
46.70	49.60	2.90																					
46.70	49.60	2.90																					
49.60	53.50	3.90	LT	MAR		lapilli and clasts <2cm, some qtz-cal <1cm at 50 an 30 tca																	
49.60	53.50	3.90										49.60	53.50	Cb	Vn	Mod	49.60	53.50	Frc	45			
49.60	53.50	3.90																					
53.50	58.10	4.60	LT	G-M		intercalated LT-AT green-maroon w/ ser FF and qtz-cal veining, flow texture at the bottom of the unit																	
53.50	58.10	4.60										53.50	58.10	Cb	Vn	Mod	53.50	58.10	Frc	45			
53.50	58.10	4.60										53.50	58.10	Ser	Vn	Pre	53.50	58.10	Frc	45			
53.50	58.10	4.60																					
58.10	58.70	0.60	Va	MAR		slightly bleached LT w/ py cubes in veins <1mm at 30 tca						58.10	58.70	Py	Perv	Pre	58.10	58.70	Py				
58.10	58.70	0.60										58.10	58.70	Blch	Perv	Wk	58.10	58.70	Perv				
58.10	58.70	0.60																					
58.10	58.70	0.60																					
58.70	63.10	4.40	Va	BLE		strong beige bleached XT w/ intense py cube disseminations - Boulder style																	
58.70	63.10	4.40										58.70	63.10	Py	Perv		58.70	63.10	Py				
58.70	63.10	4.40										58.70	63.10	Blch	Perv	Str	58.70	63.10	Perv				
58.70	63.10	4.40																					
63.10	66.40	3.30	Va	BLE		bleached LT w/ bottom 30cm chl alt XT, all w/ diss py																	
63.10	66.40	3.30										63.10	66.40	Py	Perv		63.10	66.40	Py				
63.10	66.40	3.30										63.10	66.40	Blch	Perv	Mod	63.10	66.40	Perv				
63.10	66.40	3.30																					
66.40	71.30	4.90	LT	MAR		siliceous LT																	

Lithology						Alteration				Mineralization				Structure								
From	To	Len	Rk	Type	Minor Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
66.40	71.30	4.90																66.40	71.30	Frc	30	
66.40	71.30	4.90																71.30	73.10	Frc	90	
71.30	73.10	1.80	XT	GRN		siliceous green XT												73.10	77.15	Frc	30	
71.30	73.10	1.80																73.10	77.15	Frc	90	
71.30	73.10	1.80																73.10	77.15	Frc	30	
73.10	77.15	4.05	LT	MAR		lapilli <2cm, clasts <4cm												77.15	79.20	Frc	70	
73.10	77.15	4.05																77.15	79.20	Frc	70	
73.10	77.15	4.05																77.15	79.20	Frc	70	
77.15	79.20	2.05	XT	G-M		green and maroon XT w/ vuggy qtz-cal veins, py cubes in veins and diss py												77.15	79.20	Frc	70	
77.15	79.20	2.05																77.15	79.20	Frc	70	
77.15	79.20	2.05																77.15	79.20	Frc	70	
77.15	79.20	2.05																77.15	79.20	Frc	70	
79.20	81.00	1.80	XT	BLK		black vuggy XT w/ high porosity and diss py												79.20	81.00	Frc	70	
79.20	81.00	1.80																79.20	81.00	Frc	70	
79.20	81.00	1.80																79.20	81.00	Frc	70	
79.20	81.00	1.80																79.20	81.00	Frc	70	



Dome Mountain Project Database

Hole Number: DM-16-101

Drill Hole Log

Grid-X: 653,279.75

Brg: 355.40

Ovb: 20.50

Surveyor: JH-GPS-RTK

Drill: Driftwood Diamond Drilling

Grid-Y: 6,068,713.60

Dip: -66.10

ansing: 10.50

Survey Date: 27-Sep-16

Drill Dates: 16-Feb-16 to 19-Feb-16

Grid-Z: 1,324.57

Depth: 284.00

asing: no

Geologist: Bob Boyce

Target: Boulder Vein downdip from intercepts in DM-16-079

Comments: Major fault 112 - 123m. Boulder Vein 0.36m intersected near bottom of hole, deeper than projected. Plug placed at 123m, casing left in place, for use as hydrogeo well.

Lithology						Alteration				Mineralization				Structure										
From	To	Len	Rk	Typ	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
40.35	43.10	2.75	Va	BLE	Intense alteration zone developed in Lapilli Tuff, fading downhole to pale green and pink. Soft and fractured, decreasing downhole. Ground core at uphole end. Sheared/faint-banded down to 41.1m. Irreg banded/ladder-text (locally vuggy) discordant qz-cb stringers to 1cm, locally with py.																			
40.35	42.10	1.75													40.35	42.10	Py	1						
40.35	42.10	1.75													40.35	42.10	Sph	0						
40.35	41.10	0.75																	40.35	41.10	Bn	45		
43.10	56.45	13.35	LT	M-G	Lapill Tuff, generally fining downhole. Repeated sections maroon to green, sections green matrix to maroon fragments, and local small bleached sections. Scattered barren qz-cb stringers to 5mm. Local brecciation with vuggy stwk/bx-fil and associated fractured/rubby/lost core, incl 51.3 - 52.4m (maroon) & 55.3 - 55.6m (green). Fractures coated with cb/clay at 20 - 50 degrees TCA. 50.0 - 50.6m: minor ep in mtx. 54.3 - 54.45m: 4cm banded qz-(cb) vein at 30 degrees with 1% blebby py. Downhole end ground core.																			
56.45	57.55	1.10	NC																					
57.55	60.48	2.93	AT	G-M	Ash Tuff with scattered lapilli, commonly flattened welded fragments. Colour green at uphole, grading downhole into maroon (with green fragments). Rubble with clay/chl surfaces 57.55 - 58.15m. Well-frc'd overall with frc spacing 2 - 20cm.																			
57.55	60.48	2.93													57.55	60.48	Cy	Pch	Mod					
57.55	60.48	2.93													57.55	60.48	Py	Pch	Wk					
57.55	60.48	2.93													57.55	60.48	Chl	Pch	Mod					

Lithology							Alteration					Mineralization					Structure							
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
57.55	60.48	2.93							57.55	60.48	Cb	Pch	Wk						59.30	60.47	Aln	55		
59.30	60.47	1.17																	60.47	60.48	LC	45		
60.47	60.48	0.01																						
60.48	60.69	0.21	FT	MAR			Maroon-grey fault: stiff clay & deteriorated tuff.																	
60.68	60.69	0.01																	60.68	60.69	LC	60		
60.69	61.00	0.31	AT	MAR			Maroon Ash Tuff with green on sfcs. Broken core with possible core loss. Downhole half contains irreg qz-(cb-chl) vein pieces (2%). No sulphides seen. Broken downhole contact.																	
60.69	61.00	0.31							60.69	61.00	GMi ca	En	Pre											
60.69	61.00	0.31							60.69	61.00	Ep	En	Wk											
60.69	61.00	0.31							60.69	61.00	Chl	En	Wk											
61.00	62.00	1.00	Vas	G-M			Maroon altered zone in welded Ash Tuff, with greenish sections. Fabric planar to wavy.																	
61.00	62.00	1.00							61.00	62.00	Blch	Pch	Wk											
61.00	62.00	1.00							61.00	62.00	Cy	Pch	Wk											
61.00	62.00	1.00							61.00	62.00	Ser	Pch	Mod											
61.00	62.00	1.00							61.00	62.00	Ep	Pch	Wk											
61.00	61.83	0.83																61.00	61.83	Fol	65			
61.05	61.35	0.30																						
62.00	63.90	1.90	AT	MAR			Brecciated/stockworked (2 generations?) Ash Tuff to fine Lapilli Tuff. Texture mostly erased by bx'n. Greenish at downhole end 12cm toward fault contact. Qz-cb stringers/stwk irreg, banded & crosscutting, about 10%; no sulphides observed.																	
62.00	63.90	1.90							62.00	63.90	GMi ca	En	Pre											
62.00	63.90	1.90							62.00	63.90	Chl	En	Wk											
63.88	63.90	0.02																63.88	63.90	Flt	50	downhole contact - 1cm chl-clay gouge		

Lithology						Alteration				Mineralization				Structure									
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
63.90	64.56	0.66	Vas	GRN	Pale alteration zone developed in Crystal Tuff. 63.9 - 64.9m: mainly vuggy qz sheeting // fault contact, with chl-ep matrix. Central portion green, changing downhole to green with hematitic fragments. Veining intensity changes downhole from 80% to 5% at downhole end. Cp occurs in 1 - 2cm vein // TCA 64.06 - 64.18m, changing to cuprite(?) 64.19 - 64.36m. Downhole contact grad into maroon rock.																		
64.06	64.36	0.30												64.06	64.36	Cp	0	occurs as cuprite(?) below 64.18m					
64.06	64.36	0.30												64.06	64.36	Py	1						
64.56	69.35	4.79	XT	MAR	Crystal Tuff section, mainly maroon, green at downhole end. Several sections maroon-brick Ash Tuff 65.55 - 67.17m, contacts orientation vary. Common irreg cb-qz stringers. Minor chl on frc surfaces. Frc spacing 10 - 30cm. Downhole contact brecciated.																		
69.35	89.44	20.09	AB	MAR	Porphyritic Basalt flow locally showing amygdales. Brecciated contacts uphole & downhole. 77.16 - 77.55m: rubby section associated with minor faults, some ground-up core. 80.1 - 81.0m: stockworked section with massive Qz-(cb) veins up to 10cm at various orientations, with envelopes chl-ep-hem.																		
77.16	77.55	0.39							77.16	77.55	Ep	Perv	Pre										
77.16	77.55	0.39							77.16	77.55	Chl	Perv	Str										
77.16	77.55	0.39							77.16	77.55	Cy	Perv	Mod										
77.16	77.30	0.14																77.16	77.30	Flt	50	other orientation in rubble section	
81.25	88.00	6.75							81.25	88.00	Ep	En	Wk										

Lithology						Alteration				Mineralization				Structure									
From	To	Len	Rk	Typ	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
89.44	97.48	8.04	LT	MAR	Lapilli Tuff with short Ash Tuff sections, commonly brecciated or showing debris flow texture. Mod-frc'd with frc spacing 5 - 30cm. 90.7 - 91.0m: broken/rubby section associated with low-angle frc/stwk. 94.0 - 95.7m: qz-(chl-hem) irreg stwk section.																		
90.85	91.00	0.15																	90.85	91.00	Flt	15	clay on drusy qz
94.55	94.56	0.01																	94.55	94.56	Flt	70	on qz-hem vein
94.70	94.72	0.02																	94.70	94.72	Flt	30	on qz-chl-hem vein
95.23	95.24	0.01																	95.23	95.24	Flt	55	hem sfc on qz-cb vein
97.48	97.62	0.14	FT	GRN	Gritty clay gouge with rubble on both sides.														97.48	97.62	Flt	65	
97.62	115.09	17.47	AB	MAR	Porphyritic Basalt Flow with several sections displaying amygdalites. Colour mainly maroon-grey with common greenish tinge. Common cb & qz-cb stringers up to 2cm, locally with ep (or chl) envelopes. Downhole end 40cm more fractured/friable with increased ep, chl & hem. Downhole contact broken on fault.																		
97.62	115.90	18.28							97.62	115.90	Ep	Mtx	Wk										
97.62	115.90	18.28							97.62	115.90	Cb	Mtx	Pre										
115.09	115.45	0.36	FT	GRY	Clay gouge and bleached crumbly AB																		
115.45	116.96	1.51	NC																				
116.96	118.05	1.09	FT	GRY	Fault zone consisting of 20% clay gouge (mostly at uphole end, presume much was washed away) and angular to ground-up fragments (up to 12cm) of bleached to ep/chloritic to (at downhole end) hematitic basalt. Minor presence stringers/stwk qz-cb & drusy qz.																		
118.05	119.90	1.85	NC																				

Lithology							Alteration				Mineralization				Structure							
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
119.90	122.60	2.70		FT			Fault zone similar to above fault, more content of hematitic basalt. Strongly ground-up & sandy at downhole end.															
122.60	124.25	1.65		Va			BLE	Bleached, hard, mod-altered section, developed in FP, grading downhole in to XT. Pinkish-buff. Crackled, with qz-cb mtx and stringers. Grad downhole contact.														
122.60	124.25	1.65							122.60	124.25	Ep	Perv	Wk									
122.60	124.25	1.65							122.60	124.25	Cy	Perv	Wk									
122.60	124.25	1.65							122.60	124.25	Sil	Perv	Mod									
122.60	124.25	1.65							122.60	124.25	He	Perv	Pre									
124.25	128.10	3.85		XT			MAR	Maroon Crystal Tuff. Mod-fractured. Minor qz-cb-chl stringers. Sheared downhole contact at 30 degrees TCA.														
128.00	133.89	5.89																128.00	133.89	Aln	65	
128.10	133.90	5.80		AT			G-M	Ash Tuff, dominantly green to lesser maroon. Consistent alignment of flattened fragments. 132.05 - 132.6m: sheeted/stwk section, 20% qz-cb stringers to 1cm, contorted but commonly aligned 40 & 60 degrees TCA.														
130.25	131.15	0.90		Va			G-B	Patchy altered/bleached section. Downhole part 130.96 - 131.15 is rubby, but little core loss. Banded/vuggy cb-qz stringers/frc-fill 8%.														
130.25	131.15	0.90							130.25	131.15	Cy	Pch	Mod									
130.25	131.15	0.90							130.25	131.15	GMi	Pch	Pre									
ca																						
130.25	131.15	0.90							130.25	131.15	Ser	Pch	Wk									
130.25	131.15	0.90							130.25	131.15	Chl	Pch	Wk									
									132.05	132.60	Chl	Pch	Wk									
									132.05	132.60	Ep	Pch	Wk									
									132.05	132.60	Ser	Pch	Mod									
133.89	133.90	0.01															133.89	133.90	LC	35	qz-chll vein contact, x-cuts bedding	

Lithology							Alteration				Mineralization				Structure							
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
133.90	145.18	11.28	BTm	MAR			Maroon to brick red, bedded (to lesser massive) Ash Tuff with typical cb-speckles in coarser beds. Fractures >1m apart. 143.0 - 143.1m: ground-up core ends at start of run. Downhole contact gradational.															
133.90	145.18	11.28																133.90	145.18	Bd	60	
143.10	143.40	0.30	AB	GRN			Green Ash Tuff, sharp contacts // bedding.															
145.18	158.16	12.98	LT	MAR			Maroon-grey Lapilli Tuff, with sparse fragments at uphole end. Irreg qz-cb stringers to 1cm, often in larger fragments. Generally hard & siliceous. Fractures 50cm apart. Downhole contact broken on ground-up core.															
158.16	174.83	16.67	FP	MAR			Maroon-grey Fs-porphyry flow, with short green sections. Texture obscure; possibly a Crystal Tuff. Hard, siliceous with scattered qz-(cb-(chl-hem)) stringers to 1cm & rare stwk. Vague downhole contact, below which fragments are visible.															
171.74	171.84	0.10	Va	BLE			Banded- contorted-foliated section buff to green to pink. Fault structure near downhole end with irreg qz-chl stringers up to 1cm from either side.															
171.81	171.82	0.01																171.81	171.82	Flt	65	
174.83	180.92	6.09	LT	MAR			Maroon, hard, siliceous Lapilli Tuff, with sparse fragments surrounded up to 8cm. Locally appears as ash/crystal tuff. Scattered qz-cb-(chl) stringers to 2cm with some frc-fill in crackled sections.															
178.77	180.46	1.69	Va	GRN			Pale green altered Lapilli Tuff, weakly banded, with flattened fragments up to 2cm. Minor maroon sections or fragments. No sulphides visible.															
178.77	180.46	1.69						178.77	180.46	Chl	Perv	Mod										

Lithology							Alteration				Mineralization				Structure							
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
178.77	180.46	1.69						178.77	180.46	Ep	Perv	Pre										
178.77	180.46	1.69						178.77	180.46	Ser	Perv	Mod										
180.90	180.92	0.02																180.90	180.92	LC	50	minor slickensided structure with adjacent qz veins
180.92	181.15	0.23		Va	GRN		Sheared, green-maroon-white section adjacent to minor fault, 5% cb-qz stringers. No sulphides seen															
180.92	188.10	7.18	XT		MAR		Maroon-grey, hard, siliceous Crystal Tuff, commonly appearing like Feldspar Porphyry flow rock. Gradational downhole contact.															
180.92	181.15	0.23						180.92	181.15	Chl	Pch	Mod										
180.92	181.15	0.23						180.92	181.15	Ser	Pch	Mod										
182.52	182.53	0.01																182.52	182.53	Flt	55	minor fault with 5mm maroon gritty clay gouge
188.10	192.82	4.72	LT		MAR		Lapilli Tuff with subrounded to rare angular particles, coarsening downhole. Stringers & frc-fll cb and cb-(qz) commonly at 45 & 60 degrees TCA. 191.20 - 191.52m: 5% cb-(qz) mtx in breccia. Grad downhole contact.															
192.82	208.18	15.36	AT		MAR		Maroon, coarse Ash Tuff, locally appearing as Crystal Tuff. Minor cb & qz-cb-chl stringers and local frc-fill. Grad downhole contact.															
195.88	196.27	0.39		Vas	G-B		Sheared-foliated altered section, with central 13cm sheeting (and small veins) qz-cb-py															
195.88	196.27	0.39											195.88	196.27	Py	2	in veins & fg in wallrock					
196.04	196.17	0.13																196.04	196.17	Vn	65	
205.20	205.21	0.01																205.20	205.21	Flt	75	few mm clay gouge
205.54	205.55	0.01																205.54	205.55	Flt	60	few mm clay gouge
208.18	209.56	1.38	Vas		G-B		Pale green to green-buff, sheared Altered Zone, with 12% convoluted qz-cb-chl-(py) stringers.															

Lithology						Alteration				Mineralization				Structure											
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments		
208.18	209.56	1.38					208.18	209.56	Ser	Bn	Str														
208.18	209.56	1.38						208.18	209.56	Py	Bn	Wk													
208.18	209.56	1.38						208.18	209.56	Chl	Bn	Mod													
208.18	209.55	1.37																	208.18	209.55	Sh	50			
209.55	209.56	0.01																	209.55	209.56	Flt	55	minor clay-coated fault		
209.56	221.20	11.64	XT	M-G	Maroon-grey to locally green Crystal Tuff, often appearing as Feldspar Porphyry. Hard & siliceous. Weakly sheared, with 5 - 10% cb & qz-cb stringers to 1cm // to & xcutting fabric. Ground-up core 210.15 - 210.3m: possible fault. Chl & py increase 20cm to downhole contact.																				
218.44	218.55	0.11							218.44	218.55	Cp	0													
218.44	218.55	0.11							218.44	218.55	Py	2	in 3mm to 1cm veins												
221.10	221.20	0.10																	221.10	221.20	LC	30	clay-coated minor fault		
221.20	221.35	0.15	QV	WHT	Banded Qz-sul Vein with blebby sulphides, in fault wedge.																				
221.20	221.35	0.15							221.20	221.35	Cp	1	mostly downhole side												
221.20	221.35	0.15							221.20	221.35	Py	6	frc'd blebs to 3cm + vn-margins												
221.20	221.35	0.15							221.20	221.35	Gn	0	mostly uphole side												
221.35	228.33	6.98	XT	MAR	Maroon-grey Crystal Tuff (poss Fs-Ppy?). 221.35 - 221.7m: chloritized + pyritic, decreasing downhole from contact. Minor qz-cb stringers to locally 5%. Hard, siliceous, with few fractures. Rare short sections of green sericite frc-fill. Grad downhole contact.																				

Lithology							Alteration				Mineralization				Structure							
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
228.33	232.45	4.12	LT	M-G	Maroon Lapilli Tuff, with ash/crystal tuff sections. Locally greenish matrix to maroon fragments. Fragments mostly rounded/flattened to 2cm. Downhole contact gradational.																	
232.45	245.40	12.95	XT	MAR	Maroon-grey Crystal Tuff (poss Fs-Ppy?). Hard & siliceous. Qz-cb-chl stringers common, usually <5mm; locally form crackle breccia-fill to 25% of rock.																	
236.95	236.97	0.02															236.95	236.97	Flt	50	2mm clay-coated minor slip	
244.24	245.25	1.01															244.24	245.25	Flt	40	minor slip with clay-chl surface	
245.39	245.40	0.01															245.39	245.40	LC	50	minor slip	
245.40	253.60	8.20	AT	G-M	Green and maroon sections of Ash Tuff with scattered lapilli to 2cm, and sections appearing as Crystal Tuff. Green sections host stronger qz-cb-(chl) (locally with minor py) stringers. Gradational downhole contact.																	
249.82	249.89	0.07	QV	WHT	Banded qz-cb-chl vein with 2% cubic, and 8cm alteration each side																	
249.82	249.89	0.07						249.82	249.89	Chl	Pch	Mod										
249.82	249.89	0.07						249.82	249.89	Ser	Pch	Str										
249.82	249.89	0.07						249.82	249.89	Py	Pch	Wk										
249.82	249.89	0.07															249.82	249.89	Vn	45		
253.60	264.92	11.32	XT	M-G	Green (uphole) to maroon (downhole Crystal/ash Tuff. Fine fracture network filled with cb & qz-cb stringers, rarely with pyrite. Broken/rubble zones: 258.0 - 258.2m & 260.4 - 260.6m. Downhole from 263.6m, weakly foliated/sheared & locally crenulated. Gradational downhole contact.																	
261.50	262.42	0.92	LT	MAR	Lapilli Tuff with fragments to 5cm, and ash/crystal tuff intervals																	

Lithology							Alteration				Mineralization				Structure													
From	To	Len	Rk	Type	Minor	Color	Description			From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments				
263.60	264.84	1.24																		263.60	264.84	Sh	75					
264.92	272.08	7.16	Va	BLE	Bleached Alteration Zone, buff to pale green to pale purple. Uphole 5cm section strongly sheared/foliated, sometimes crenulated. Locally up to 40% of interval is veins. Some sections soft & friable, some sections hard & siliceous. 271.65 - 271.83m: broken/ground-up interval with clay on low-angle qz-cb stringers. Irreg downhole contact.																							
264.92	273.30	8.38								264.92	273.30	Ser	Perv	Wk														
264.92	273.30	8.38								264.92	273.30	Cy	Perv	Str														
264.92	273.30	8.38								264.92	273.30	Chl	Perv	Wk														
264.92	273.30	8.38								264.92	273.30	Py	Perv	Wk														
264.92	273.30	8.38													264.92	273.30	Py	0										
266.66	267.15	0.49	Vas	VAR	strong, irreg veining qz-py-(cb)																							
266.66	267.15	0.49																										
266.66	267.15	0.49																										
272.08	273.30	1.22	FP	MAR	Weakly-altered pale purple Feldspar Porphyry. Hard, siliceous, with wk qz stwk. Irreg downhole contact.																							
273.30	278.40	5.10	Va	G-B	Variably altered section developed in Lapilli/Ash Tuff; buff to green-buff to pale green or purple. Locally broken/friable. Qz-(cb) stringers irreg, banded or intergrown, rarely showing pyrite.																							
275.50	275.96	0.46	Vas	G-B	Buff-colour with some green matrix Altered Zone, with 30% irreg qz-(cb-sul) stringers up to 6cm. Some xcutting relationships & brecciation evident.																							
275.50	275.96	0.46								275.50	275.96	Ser	Mtx	Str														
275.50	275.96	0.46								275.50	275.96	Cy	Mtx	Wk														
275.50	275.96	0.46								275.50	275.96	Py	Mtx	Wk														
275.50	275.96	0.46								275.50	275.96	Chl	Mtx	Wk														
275.50	275.96	0.46													275.50	275.96	Gn	0										

Lithology								Alteration				Mineralization					Structure						
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
275.50	275.96	0.46											275.50	275.96	Py	3	mainly 27.6 - 27.7m						
278.40	279.30	0.90	Vas	BLE	Bleached, banded, to strongly crenulated Alteration Zone. 20% intergrown/banded milky & white qz with scarce pyrite. Irreg downhole contact.																		
278.40	279.30	0.90						278.40	279.30	Ser	Mtx	Str											
278.40	279.30	0.90						278.40	279.30	Cy	Mtx	Wk											
278.40	279.30	0.90						278.40	279.30	Py	Mtx	Wk											
279.30	279.66	0.36	QV	WHT	Banded-(network) Qz-Sul Vein.								279.30	279.66	Py	4							
279.30	279.66	0.36											279.30	279.66	Cp	0							
279.30	279.66	0.36											279.30	279.66	Gn	0							
279.30	279.40	0.10															279.30	279.40	Bn	45			
279.65	279.66	0.01															279.65	279.66	LC	60	sharp, curving		
279.66	280.50	0.84	Va	BLE	Bleached buff to pale purple Alteration Zone in Ash Tuff, with very irreg qz-(cb) stringers to 8mm. Faintly banded/sheared and crenulated. Gypsum stringers near downhole contact.																		
279.66	279.92	0.26															279.66	279.92	Bn	35			
279.92	279.96	0.04	QV	WHT	banded 3cm qz-sul vein with 4% py																		
279.92	279.96	0.04															279.92	279.96	Vn	50			
280.50	284.00	3.50	LT	MAR	Maroon Lapilli Tuff, siliceous, with rounded to subangular fragments to 2cm. Brecciated 280.5 - 281.0m with silica matrix. EOH at 284.0m																		



Dome Mountain Project Database

Hole Number: DM-16-102

Drill Hole Log

Grid-X: 653,583.03

Brg: 0.00

Ovb: 8.00

Surveyor: JH-GPS-RTK

Drill: Driftwood Diamond Drilling

Grid-Y: 6,068,904.94

Dip: -75.00

Casing: 3.00

Survey Date: 27-Sep-16

Drill Dates: 10-Feb-16 to 11-Feb-16

Grid-Z: 1,284.11

Depth: 123.00

Recover Casing: yes

Core Size: HQ

Geologist: Mathias Westphal

NTS:

Claim: 0

Area: DOME MOUNTAIN

Log Dates: 11-Feb-16 to 11-Feb-16

Target:

Comments:

Lithology						Alteration					Mineralization					Structure											
From	To	Len	Rk	Typ	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments				
0.00	8.00	8.00	OB																								
8.00	13.65	5.65	LT	MAR	siliceous LT in oxidation zone, lapilli <1cm																						
8.00	13.65	5.65							8.00	13.65	Oxid	FF	Pre														
8.00	13.65	5.65																									
13.65	18.15	4.50	LT	MAR	siliceous LT, lapilli <1cm, chl alt w/ siliceous bleaching from 15.4 to 15.85m																						
13.65	18.15	4.50							13.65	18.15	Chl	Bn	Pre														
13.65	18.15	4.50							13.65	18.15	Cb	Bn	Wk														
13.65	18.15	4.50							13.65	18.15	Blch	Bn	Pre														
13.65	18.15	4.50																									
18.15	18.70	0.55	AT	GRN	siliceous AT, upper contact 30 tca, lower contact 45 tca																						
18.70	25.60	6.90	LT	MAR	siliceous LT, lapilli <2cm , clasts <5cm																						
18.70	25.60	6.90							18.70	25.60	Cb	Vn	Wk														
18.70	25.60	6.90																									
25.60	26.50	0.90	Va	GRN	slightly bleached green AT w/ diss py cubes <1mm																						
25.60	26.50	0.90							25.60	26.50	Blch	Perv	Wk														
25.60	26.50	0.90							25.60	26.50	Py	Perv	Int														
25.60	26.50	0.90																									
26.50	31.00	4.50	XT	MAR	XT w/ brecciated and qtz-cal healed section <20cm at 29.8m, qtz-cal veins <5mm at 45 tca, some folded, bedding w/ flow texture from 30 to 31m																						

Lithology						Alteration				Mineralization				Structure										
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
26.50	31.00	4.50																	26.50	31.00	Frc	80		
26.50	31.00	4.50																						
31.00	31.40	0.40	Va	BLE	bleached green XT w/ diss py																			
31.00	31.40	0.40											31.00	31.40	Py	Perv	Pre							
31.00	31.40	0.40											31.00	31.40	Blch	Perv	Mod							
31.00	31.40	0.40																	31.00	31.40	Py			
31.00	31.40	0.40																						
31.40	31.93	0.53	QV	BLE	5cm qtz-cal vein w/ semi massive py at 60 tca, second qtz-cal vein <3cm at 45 tca, all hosted in bleached green XT w/ diss py																			
31.40	31.93	0.53											31.40	31.93	Blch	Perv	Int							
31.40	31.93	0.53											31.40	31.93	Qz	Perv	Pre							
31.40	31.93	0.53											31.40	31.93	Py	Perv	Int							
31.40	31.93	0.53											31.40	31.93	Cb	Perv	Pre							
31.40	31.93	0.53																	31.40	31.93	Py			
31.93	33.23	1.30	Va	BLE	bleached green XT w/ hem replacing py w/ tiny remnants of py																			
31.93	33.23	1.30											31.93	33.23	Py	Perv	Pre							
31.93	33.23	1.30											31.93	33.23	Blch	Perv	Mod							
31.93	33.23	1.30											31.93	33.23	He	Perv	Int							
31.93	33.23	1.30																	31.93	33.23	Py			
33.23	33.51	0.28	QV	BLE	5cm QV w/ semi-massive py at 30 tca																			
33.23	33.51	0.28											33.23	33.51	Cb	Perv	Int							
33.23	33.51	0.28											33.23	33.51	Qz	Perv	Int							
33.23	33.51	0.28											33.23	33.51	Blch	Perv	Mod							
33.23	33.51	0.28											33.23	33.51	Py	Perv	Pre							
33.23	33.51	0.28																	33.23	33.51	Py			
33.23	33.51	0.28																						
33.51	36.55	3.04	LT	M-G	maroon LT w/ chl alt and intercalated XT and AT, int qtz-cal veining, some subparallel tca, diss py																			
33.51	36.55	3.04											33.51	36.55	Py	Bn	Pre							
33.51	36.55	3.04											33.51	36.55	Chl	Bn	Mod							
33.51	36.55	3.04											33.51	36.55	Cb	Bn	Int							
33.51	36.55	3.04																	33.51	36.55	Py			

Lithology							Alteration					Mineralization					Structure									
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments			
33.51	36.55	3.04																			33.51	36.55	Frc	80		
36.55	38.05	1.50	XT	G-M	siliceous XT																					
36.55	38.05	1.50																								
36.55	38.05	1.50																								
38.05	44.00	5.95	LT	MAR	less siliceous LT w/ high porosity from 41.6 to 43.85m w/ wk veining																					
38.05	44.00	5.95																								
38.05	44.00	5.95																								
44.00	64.15	20.15	LT	MAR	lapilli <2cm, clasts <3cm, intense qtz-cal veining <1.5cm, crosscut and cutoff, subparallel tca from 54.2 to 56.2m																					
44.00	64.15	20.15																								
64.15	65.80	1.65	LT	MAR	patially bleached and chl alt LT, intense qtz-cal veining parallel bedding and w/ chl alt subparallel tca in bedded veins 64.55 to 64.8m																					
64.15	65.80	1.65																								
64.15	65.80	1.65																								
65.80	73.00	7.20	LT	MAR	siliceous LT w/ lapilli <2cm, clasts <5cm, some qtz-cal <1cm at 30 tca																					
65.80	73.00	7.20																								
73.00	73.70	0.70	AT	GRN	brecciated and qtz-cal healed siliceous AT																					
73.00	73.70	0.70																								
73.00	73.70	0.70																								
73.70	96.00	22.30	LT	MAR	siliceous LT w/ intercalated AT from 81 to 82.9m, intense crackle fillings and qtz-cal veining, minor chl alt along some veins, complete replacement from py by hem																					
73.70	96.00	22.30																								
73.70	96.00	22.30																								
73.70	96.00	22.30																								

Lithology							Alteration				Mineralization				Structure								
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
96.00	99.57	3.57	Va	BLE	bleached and chl alt XT w/ diss py and int qtz-cal veining and FF																		
96.00	99.57	3.57						96.00	99.57	Cb	Perv	Int											
96.00	99.57	3.57						96.00	99.57	Blch	Perv	Mod											
96.00	99.57	3.57						96.00	99.57	Chl	Perv	Mod											
96.00	99.57	3.57											96.00	99.57	Py								
96.00	99.57	3.57																96.00	99.57	Frc	80		
99.57	100.85	1.28	QV	BLE	int bleached and chl-ep alt vein w/ diss py and qtz-cal vein <10cm at 30 tca w/ semi massive py and galena spots and 100m, and schlieren of qtz-cal w/ stringers of py																		
99.57	100.85	1.28						99.57	100.85	Chl	Perv	Mod											
99.57	100.85	1.28						99.57	100.85	Cb	Perv	Int											
99.57	100.85	1.28						99.57	100.85	Ep	Perv	Mod											
99.57	100.85	1.28						99.57	100.85	Blch	Perv	Int											
99.57	100.85	1.28											99.57	100.85	Py								
99.57	100.85	1.28											99.57	100.85	Gn								
99.57	100.85	1.28																99.57	100.85	Frc	80		
100.85	101.92	1.07	XT	MAR	siliceous XT w/ intense crackle filling, contact to QV 2cm maroon flt gouge at 30 tca																		
100.85	101.92	1.07						100.85	101.92	Cb	FF	Int											
100.85	101.92	1.07																100.85	101.92	Frc	30		
101.92	102.47	0.55	FT	BRN	flt gouge w/ chl FF and perv hem alt																		
101.92	102.47	0.55						101.92	102.47	He	Gg	Int											
101.92	102.47	0.55						101.92	102.47	Oxid	Gg	Int											
101.92	102.47	0.55						101.92	102.47	Cy	Gg	Pre											
101.92	102.47	0.55						101.92	102.47	Chl	Gg	Int											
101.92	102.47	0.55																101.92	102.47	Flt	60		
102.47	113.50	11.03	XT	M-G	siliceous XT w/ chl alt green sections, int qtz-cal veins and FF -> stwk																		
102.47	113.50	11.03						102.47	113.50	Chl	Bn	Pre											
102.47	113.50	11.03						102.47	113.50	Cb	Bn	Int											
102.47	113.50	11.03																102.47	113.50	Frc	80		
113.50	114.00	0.50	FT	BRN	some chl FF, perv hem alt and flt gouge washed out																		

Lithology						Alteration				Mineralization				Structure										
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments		
113.50	114.00	0.50						113.50	114.00	He	Gg	Int												
113.50	114.00	0.50						113.50	114.00	Chl	Gg	Pre												
113.50	114.00	0.50						113.50	114.00	Cy	Gg													
113.50	114.00	0.50						113.50	114.00	Oxid	Gg	Int												
114.00	115.55	1.55	Va	MAR	ser alt	XT below flt																		
114.00	115.55	1.55						114.00	115.55	Ser	Perv	Int												
114.00	115.55	1.55						114.00	115.55	Cb	Perv	Pre												
114.00	115.55	1.55																114.00	115.55	Frc	60			
115.55	116.00	0.45	QV	BLE	prop alt w/ qtz and py	stringers at 30 to 90 tca																		
115.55	116.00	0.45						115.55	116.00	Chl	Perv	Int												
115.55	116.00	0.45						115.55	116.00	Cb	Perv	Int												
115.55	116.00	0.45						115.55	116.00	Ep	Perv	Int												
115.55	116.00	0.45						115.55	116.00	Qz	Perv	Int												
115.55	116.00	0.45											115.55	116.00	Py									
116.00	116.50	0.50	Va	MAR	ser alt	XT																		
116.00	116.50	0.50						116.00	116.50	Ser	Perv	Mod												
116.00	116.50	0.50																116.00	116.50	Frc	30			
116.50	116.90	0.40	QV	BLE	<5cm	qtz-cal vein w/ stringers																		
116.50	116.90	0.40				of py over 50cm at 30 tca																		
116.50	116.90	0.40						116.50	116.90	Py	Perv	Int												
116.50	116.90	0.40						116.50	116.90	Blch	Perv	Int												
116.50	116.90	0.40						116.50	116.90	Cb	Perv	Int												
116.50	116.90	0.40						116.50	116.90	Qz	Perv	Int												
116.50	116.90	0.40											116.50	116.90	Py									
116.50	116.90	0.40																116.50	116.90	Frc	30			
116.90	119.85	2.95	Va	BLE	bleached and ser-	prop alt XT,																		
116.90	119.85	2.95				qtz-cal veins <4cm at 30 tca																		
116.90	119.85	2.95						116.90	119.85	Blch	Perv	Int												
116.90	119.85	2.95						116.90	119.85	Ser	Perv	Int												
116.90	119.85	2.95						116.90	119.85	Chl	Perv	Mod												
116.90	119.85	2.95						116.90	119.85	Ep	Perv	Mod												
116.90	119.85	2.95											116.90	119.85	Py									
116.90	119.85	2.95																116.90	119.85	Frc	80			
119.85	123.00	3.15	BTm	MAR	siliceous bedded	XT w/ qtz-cal																		
119.85	123.00	3.15				<1.5m at 45 tca																		
119.85	123.00	3.15						119.85	123.00	Cb	Vn	Mod												
119.85	123.00	3.15																119.85	123.00	Frc	80			



Dome Mountain Project Database

Hole Number: DM-16-103

Drill Hole Log

Grid-X: 653,311.50
Grid-Y: 6,068,833.28
Grid-Z: 1,327.04
NTS: 93L 077

Brg: 343.40
Dip: -76.50
Depth: 230.00
Claim: 0

Ovb: 25.50
Casing: 25.50
Recover Casing:
Area: DOME MOUNTAIN

Surveyor: JH-GPS-RTK
Survey Date: 27-Sep-16
Core Size: HQ

Drill: Driftwood Diamond Drilling
Drill Dates: 19-Feb-16 to 23-Feb-16
Geologist: Rob Boyce
Log Dates: 21-Feb-16 to 24-Feb-16

Target: Boulder Vein and Boulder FW

Comments: Drilled from Pad 10. Three veins (0.11 - 0.14m) were located with minor alteration halos.

Lithology						Alteration				Mineralization				Structure										
From	To	Len	Rk	Typ	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments		
0.00	25.50	25.50	OB				Cased to 25.5m.																	
25.50	29.63	4.13	LT	BLE			Bleached and weathered, well-fractured Lapilli Tuff. Rubbly and strongly oxidized 25.5 - 26.9m; 70% recovery. Rubbly/broken, bleached and ground-up core ends 26.9 - 27.8m; 85% recovery. Few qz stringers to 1cm. Oxidation on frc surfaces seen as deep as 31.5m.																	
29.62	29.63	0.01															29.62	29.63	LC	60	sharp, at top of AT section			
29.63	53.73	24.10	LT	MAR			Lapilli Tuff with small sections Ash Tuff. Fragments surrounded to flattened, commonly <1cm, locally to 4cm. Cb & qz-cb (no sulphides) stringers max 1cm are rare to locally 5% of rock. Several well-fractured sections, ground-up core ends & lost core. 48.2- 53.0m: banded qz-cb-(chl) stringers to 5cm sub-// TCA, some with clay surfaces, associated with broken/platy core, rubbly at downhole end.																	
39.80	40.65	0.85	NC				some rusty clay gouge noted at uphole end.																	
41.81	42.70	0.89	NC																					
52.20	53.00	0.80	NC																					

Lithology							Alteration				Mineralization				Structure										
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments			
53.72	53.73	0.01												53.72	53.73	LC	25								
53.73	55.92	2.19	AT	MAR	Maroon Ash Tuff. Fracture spacing 2 - 20cm. Sharp irreg downhole contact.																				
55.92	92.38	36.46	AB	MAR	Maroon, porphyritic Amygdyloidal Basalt. Commonly well-fractured to broken or faulted, with local core loss. Cb & Qz-cb-(chl) stwk zones (no sulphides) form up to 30% of rock in sections: 60.95 - 61.8m, 67.9 - 68.4m, 72.15 - 73.6m, 82.5 - 83.5m & 91.4 - 92.35m. Dominantly maroon to maroon-grey. 15% green sections (chl with local ep), often associated with larger stwk sections. Crackled and stockworked 91.1 - 92.38m																				
60.36	60.40	0.04	FT	G-M	4cm green (uphole) to maroon (downhole) clay with qz fragments																				
60.36	60.40	0.04												60.36	60.40	Flt	50								
63.03	63.05	0.02	FT	GRN	2cm sandy clay gouge							63.03	65.00	Ep	Pch	Wk									
63.03	65.00	1.97												63.03	63.05	Flt	60								
63.03	63.05	0.02												66.25	66.30	Flt	45								
66.25	66.30	0.05	FT	MAR	5cm sandy clay gouge & rubble																				
66.25	66.30	0.05												81.32	81.77	Py	3	bands in vein + disse							
81.32	81.77	0.45	Va	GRN	Green chloritized AB, with 3cm central qz-py vein																				
81.32	81.77	0.45												81.32	81.77	Gn	0								
81.77	81.80	0.03	FT	MAR	3cm slickensided platy fragments with clay coating.																				
82.32	82.34	0.02												82.32	82.34	Flt	30								
82.37	82.80	0.43	Vas	G-B	60% qz-(chl) stringers							82.37	82.80	Chl	Pch	Mod									
82.37	82.80	0.43												82.37	82.80	Ep	Pch	Wk							
82.37	82.80	0.43												82.37	82.80	Py	0								
82.37	82.80	0.43												84.20	84.74	Va	GRN								

Lithology					Alteration				Mineralization				Structure										
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
84.20	84.74	0.54										84.20	84.74	Py	0		84.20	84.74	Vn	65			
84.20	84.74	0.54										92.37	92.38	LC	70	broken							
92.37	92.38	0.01																					
92.38	92.84	0.46	Vas	GRN	Altered, stockworked zone with 20% qz-(chl-cb) stringers.					92.38	92.84	Ser	Pch	Pre	92.38	92.84	Cp	0					
92.38	92.84	0.46										92.38	92.84	Ep	Pch	Wk	92.38	92.84	Py	0			
92.38	92.84	0.46																					
92.38	92.84	0.46																					
92.38	92.84	0.46																					
92.84	119.00	26.16	LT	MAR	Maroon-grey Lapilli Tuff, with short sections chloritic green or bleached sericitic. Fragments subrounded normally to 2cm, up to max 6cm; to locally angular/cuspatate. Finer fragments toward downhole end. Qz stringers to 6mm scattered. Downhole contact obscure.																		
98.00	100.00	2.00																					
119.00	152.35	33.35	XT	MAR	Cyrstal/Ash Tuff, generally hard & siliceous. Scattered cb & qz-cb stringers; several crackled zones including: 138.54 - 139.17m & 149.4 - 150.6m. Grad downhole contact.																		
121.42	123.10	1.68	AT	GRN	Green Ash Tuff. Few banded qz stringers, no sulphides.																		
136.00	137.30	1.30	AT	GRN	Green Ash Tuff,with flattened fragments. Mod fractured. Few banded cb stringers, no sulphides.																		
152.35	152.47	0.12	Va	G-B	Weakly bleached, Altered zone developed in Ash Tuff.																		
152.35	152.47	0.12										152.35	152.47	Ser	Bn	Mod	152.35	152.47	Cy	Bn	Wk		
152.35	152.47	0.12										152.35	152.47	Py	Bn	Wk	152.35	152.47	Chl	Bn	Wk		
152.35	152.47	0.12										152.35	152.47	Chl	Bn	Wk							
152.46	152.47	0.01																					
152.47	152.59	0.12	QV	VAR	Banded qz-sul vein.																		
152.47	152.59	0.12										152.47	152.59	Py	4								

Lithology						Alteration				Mineralization				Structure										
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
152.47	152.59	0.12												152.47	152.59	Cp	0							
152.47	152.59	0.12												152.47	152.59	Sph	0							
152.58	152.59	0.01																	152.58	152.59	LC	70	curved on chloritic slip	
152.59	155.65	3.06	AT	MAR	Ash Tuff, with local apparent Crystal Tuff. Qz-cb breccia-matrix 154.83 - 155.16m																			
155.65	157.15	1.50	Va	G-B	Mod-altered zone, pale buff in centre, fading to green to both contacts. Grad downhole contact. 2% irreg qz-cb-(py) stringers.																			
155.65	157.15	1.50							155.65	157.15	Chl	Pch	Mod											
155.65	157.15	1.50							155.65	157.15	Cy	Pch	Mod											
155.65	157.15	1.50							155.65	157.15	Py	Pch	Wk											
156.10	156.50	0.40												156.10	156.50	Cp	0							
156.10	156.50	0.40												156.10	156.50	Sph	0							
156.10	156.50	0.40												156.10	156.50	Py	1							
157.15	166.82	9.67	AT	GRN	Green Ash Tuff with a grey-maroon section, and short altered sections. A few qz-sul veins occur with scant alteration margins.																			
161.31	161.35	0.04	Vas	G-B	two qz-cbveins 1 - 3cm with wk altered margin																			
161.31	161.35	0.04												161.31	161.35	Py	2							
163.36	164.05	0.69	Vas	G-B	Two Vas zones with central green Ash Tuff. Banded/intergrown milky + white qz, minor py																			
165.45	165.55	0.10	QV	VAR	Banded qz-cb-py vein 2.5cm curving @ 30 - 70 degrees TCA																			
165.45	165.55	0.10												165.45	165.55	Cp	0							
165.45	165.55	0.10												165.45	165.55	Py	5							
166.82	166.96	0.14	QV	WHT	White + milky intergrown Qz vein with coarse sulphides & minor chl. Wkly chloritic wallrocks																			
166.82	166.96	0.14												166.82	166.96	Py	6							
166.82	166.96	0.14												166.82	166.96	Gn	0							
166.82	166.96	0.14												166.82	166.96	Cp	1							
166.82	166.96	0.14																	166.82	166.96	Vn	35		

Lithology						Alteration				Mineralization				Structure											
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments		
166.96	170.75	3.79	AT	GRN	Ash Tuff with local small lapilli. Med to pale green. Commonly crackled, scattered irreg qz stringers 2% pyrite throughout. 3cm intergrown qz vein 167.09 - 167.17m. Grad downhole contact.																				
166.96	170.75	3.79							166.96	170.75	Ser	Perv	Pre												
166.96	170.75	3.79							166.96	170.75	Chl	Perv	Wk												
166.96	170.75	3.79							166.96	170.75	Py	Perv	Wk												
170.75	171.30	0.55	Vas	G-B	Pale green to buff, mod-altered zone with 15% qz-(chl-cb-sul) stringers (stronger at uphole end). Grad downhole contact.																				
170.75	171.30	0.55												170.75	171.30	Gn	0								
170.75	171.30	0.55												170.75	171.30	Sph	0								
170.75	171.30	0.55												170.75	171.30	Py	3								
171.30	172.20	0.90	LT	MAR	Lapilli Tuff, siliceous, crackled with qz-(cb) mtx and few qz strrs. Grad downhole contact.																				
172.20	172.72	0.52	Va	GRN	Pale green, wkly-altd with qz-(cb) stwk and dissemm py 2%. Irreg downhole contact.																				
172.72	175.90	3.18	XT	MAR	Hard, maroon-brown Crystal Tuff (texture obscure). Few qz-cb stringers. Grad downhole contact.																				
175.90	178.00	2.10	LT	MAR	Maroon Lapilli/Ash Tuff with minor qz-cb stringers with ladder-fabric. Green zone 175.35 - 176.6m.																				
177.99	178.00	0.01																	177.99	178.00	LC	70	sharp, on qz-cb vein		
178.00	178.28	0.28	Va	GRN	med-pale green alteration zone with few qz-cb-chl stringers.																				
178.00	178.28	0.28							178.00	178.28	Chl	Dism	Mod												
178.28	178.39	0.11	QV	WHT	Banded qz-sul-(cb) vein.				178.00	178.28	Py	Dism	Wk												
178.28	178.39	0.11												178.28	178.39	Gn	0								
178.28	178.39	0.11												178.28	178.39	Cp	0								
178.28	178.39	0.11												178.28	178.39	Py	4								
178.28	178.38	0.10																	178.28	178.38	Vn	60			
178.38	178.39	0.01																	178.38	178.39	LC	60	clsy-coated minor slip		

Lithology						Alteration				Mineralization				Structure								
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
178.39	178.47	0.08	Va			GRN																
178.47	206.03	27.56	XT	M-G			Crystal Tuff, often appearing as FP, locally with small lapilli. Dominantly maroon to lesser maroon-green. Generally hard, but increase downhole of chlorite, softness, cb in qz-cb stringers and fracturing. 200.9 - 202.15m: well-fractured. 205.6 - 205.62m: drusy qz-cb vein with coarse calcite crystals to 1cm.															
179.10	179.12	0.02												179.10	179.12	Flt	35	chl surface				
193.50	193.60	0.10												193.50	193.60	Flt	40	1cm clay-hem + cb str				
195.16	195.30	0.14												195.16	195.30	Flt	20	5mm clay-hem-chl + cb str				
199.30	199.35	0.05												199.30	199.35	Flt	50	5mm chl-clay gouge				
206.00	206.03	0.03												206.00	206.03	Flt	70	3mm gritty chloritic gouge				
206.03	209.23	3.20	LT	M-G			Lapilli Tuff with subrounded to subangular and flattened fragments to 4cm. Patchy maroon & green colour. 208.87 - 209.23: well-fractured and friable zone.															
207.60	207.68	0.08												207.60	207.68	Flt	35	2mm clay-chl-hem gouge & slicks				
208.42	208.44	0.02												208.42	208.44	Flt	80	3mm clay gouge & rubble 1cm uphole				
209.14	209.23	0.09												209.14	209.23	Flt	80	green clay gouge & qz-cb fragments				
209.23	210.23	1.00	Va	BLE			Bleached zone, buff to pale purple at downhole end. 209.23 - 209.8M: 5% irreg banded qz-cb with coarse py. 209.81 - 210.0m: brecciated, with QV fragments and clay in mtx. 209.81 - 210.15m: few talc (?) frc-fill stringers to 5mm.															
209.23	210.23	1.00						209.23	210.23	Sil	Perv	Pre										
209.23	210.23	1.00						209.23	210.23	Ser	Perv	Pre										
209.23	210.23	1.00						209.23	210.23	Py	Perv	Wk										
209.23	210.23	1.00						209.23	210.23	Cy	Perv	Str					209.23	209.80	Py	2		
209.23	209.80	0.57																				

Lithology							Alteration				Mineralization					Structure											
From	To	Len	Rk	Type	Minor	Color	Description			From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA		Comments		
209.78	209.81	0.03																	209.78	209.81	Flt	45	white clay	gouge 3cm + bx			
210.23	220.87	10.64	LT	M-G	Lapilli Tuff with subrounded to angular fragments up to 7cm. Dominantly maroon with short green sections, and green fragments in maroon matrix or maroon fragments in green matrix. Scattered cb-qz stringers, increasing downhole. Irregular downhole contact.																						
219.23	219.30	0.07	FT	BLE	Fault gouge clay-hem with cb banded vein.															219.23	219.30	Flt	60				
219.23	219.30	0.07																									
220.87	222.38	1.51	Vas	G-B	Bleached siliceous altered zone, buff to pale green. Qz-cb stringers to 3cm, between 0 and 35 degrees TCA. Downhole contact ragged.																						
220.87	222.38	1.51								220.87	222.38	Py	Pch	Wk													
220.87	222.38	1.51								220.87	222.38	Cy	Pch	Mod													
220.87	222.38	1.51								220.87	222.38	Sil	Pch	Wk													
220.87	222.38	1.51								220.87	222.38	Chl	Pch	Wk													
220.87	222.38	1.51													220.87	222.38	Py	4	cubes to 1cm (fractured)								
220.87	222.38	1.51													220.87	222.38	Gn	0									
220.87	222.38	1.51													220.87	222.38	Cp	0									
222.38	230.00	7.62	FP	MAR	Maroon-grey Feldspar Porphyry. Common qz-cb stringers/frc-fill, increased 226.2 - 227.8m with stwk, crosscutting & local breccia-fill. Green diffuse envelopes 225.9 - 226.5m, where veins host 2% py. EOH 230.0m																						



Dome Mountain Project Database

Hole Number: DM-16-104

Drill Hole Log

Grid-X:	653,583.03	Brg:	0.00	Ovb:	8.00	Surveyor:	JH-GPS-RTK	Drill:	Driftwood Diamond Drilling
Grid-Y:	6,068,905.13	Dip:	-45.00	Casing:	77.50	Survey Date:	27-Sep-16	Drill Dates:	11-Feb-16 to 12-Feb-16
Grid-Z:	1,284.09	Depth:	81.00	Recover Casing:	yes	Core Size:	HQ	Geologist:	Mathias Westphal
NTS:		Claim:	0	Area:	DOME MOUNTAIN			Log Dates:	12-Feb-16 to 13-Feb-16
Target:				Comments:					

Lithology					Alteration					Mineralization					Structure									
From	To	Len	Rk	Typ	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
0.00	8.00	8.00	OB																					
8.00	12.55	4.55	XT	GRY	oxidation zone w/limonite FF				8.00	12.55	Oxid	FF	Int											
8.00	12.55	4.55																						
8.00	12.55	4.55																						
12.55	16.40	3.85	LT	MAR	maroon LT, lapilli<3cm, fiamme, limonite FF																			
12.55	16.40	3.85							12.55	16.40	Oxid	FF	Int											
12.55	16.40	3.85																						
16.40	22.05	5.65	LT	MAR	bands <20cm of chl alt and or bleaching																			
16.40	22.05	5.65							16.40	22.05	Chl	Bn	Pre											
16.40	22.05	5.65							16.40	22.05	Cb	Bn	Mod											
16.40	22.05	5.65							16.40	22.05	Blch	Bn	Pre											
16.40	22.05	5.65																						
22.05	24.33	2.28	LT	GRN	chl alt, lapilli <2.5cm, qtz-cal vein <4cm at 20 tca at 23.2m																			
22.05	24.33	2.28							22.05	24.33	Chl	Perv	Int											
22.05	24.33	2.28																						
24.33	24.90	0.57	QV	BLE	qtz-cal veins <3cm at 20 to 30 tca w/ py stringers and diss py																			
24.33	24.90	0.57							24.33	24.90	Cb	Vn	Str											
24.33	24.90	0.57							24.33	24.90	Qz	Vn	Str											
24.33	24.90	0.57							24.33	24.90	Py	Vn	Mod											
24.33	24.90	0.57							24.33	24.90	Py	Vn	Int											
24.33	24.90	0.57																						

Lithology						Alteration				Mineralization				Structure												
From	To	Len	Rk	Type	Minor Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments				
24.90	28.70	3.80	Va	GRN		chl alt maroon LT w/ intercalated XT, qtz-cal veins <2cm at 60 tca at 26.2, 26.7 w/py, 27.9m																				
24.90	28.70	3.80						24.90	28.70	Chl	Perv	Int														
24.90	28.70	3.80											24.90	28.70	Py											
24.90	28.70	3.80																								
28.70	53.20	24.50	LT	MAR		three units of maroon siliceous LT, with <20cm intercalated AT between the units, all w/ pres qtz-cal veining <4mm at 60, 45, 30, 10 tca																				
28.70	53.20	24.50						28.70	53.20	Cb	Vn	Pre														
28.70	53.20	24.50																								
53.20	54.60	1.40	Va	BLE		bleached green XT w/ chl alt, qtz-py vein at 90 tca <3mm at 53.95m																				
53.20	54.60	1.40						53.20	54.60	Cb	Vn	Wk														
53.20	54.60	1.40						53.20	54.60	Blch	Vn	Mod														
53.20	54.60	1.40																								
54.60	55.60	1.00	QV	GRY		qtz-cal veins at 20 tca w./py stringers and diss py																				
54.60	55.60	1.00						54.60	55.60	Qz	Vn	Int														
54.60	55.60	1.00						54.60	55.60	Py	Vn	Int														
54.60	55.60	1.00						54.60	55.60	Cb	Vn	Int														
54.60	55.60	1.00																								
54.60	55.60	1.00																								
54.60	55.60	1.00																								
55.60	57.17	1.57	Va	BLE		bleached and chl alt XT																				
55.60	57.17	1.57						55.60	57.17	Blch	Perv	Mod														
55.60	57.17	1.57						55.60	57.17	Cb	Perv	Wk														
55.60	57.17	1.57						55.60	57.17	Chl	Perv	Mod														
57.17	76.95	19.78	LT	MAR		siliceous LT, lapilli and clasts <3cm, int qtz-cal FF, qtz-cal veins at 10 to 30 tca <5mm																				
57.17	76.95	19.78						57.17	76.95	Cb	FF	Int														
57.17	76.95	19.78																								
76.95	78.05	1.10	AT	GRN		siliceous AT w/ intense qtz-cal FF																				
76.95	78.05	1.10						76.95	78.05	Cb	FF	Int														
76.95	78.05	1.10																								

Lithology							Alteration					Mineralization					Structure													
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments							
78.05	79.90	1.85	XT	MAR	siliceous XT w/ intense qtz-cal FF																									
78.05	79.90	1.85										78.05	79.90	Cb	FF	Int														
78.05	79.90	1.85																	78.05	79.90	Frc	30								
79.90	80.30	0.40	AT	GRN	siliceous AT w/ qtz-cal veins <1cm at 70 tca																									
79.90	80.30	0.40										79.90	80.30	Cb	Vn	Pre								79.90	80.30	Frc	80			
80.30	80.40	0.10	XT	MAR	20cm flt w/ green clay in gouge hosted by maroon XT																									
80.30	80.40	0.10										80.30	80.40	Ser	FF	Int								80.30	80.40	Frc	45			
80.30	80.40	0.10																												
80.40	80.60	0.20	FT	GRN	green clay in flt gouge							80.40	80.60	Cy	Gg									80.40	80.60	Flt	45			
80.40	80.60	0.20																												
80.60	81.00	0.40	XT	MAR	ser alt as FF							80.60	81.00	Ser	FF	Int								80.60	81.00	Frc	45			
80.60	81.00	0.40																												
80.60	81.00	0.40																												



Dome Mountain Project Database

Hole Number: DM-16-105

Drill Hole Log

Grid-X: 653,311.45

Brg: 357.00

Ovb: 25.81

Surveyor: JH-GPS-RTK

Drill: Driftwood Diamond Drilling

Grid-Y: 6,068,833.71

Dip: -63.50

Casing: 25.50

Survey Date: 27-Sep-16

Drill Dates: 23-Feb-16 to 24-Feb-16

Grid-Z: 1,327.19

Depth: 181.30

Recover Casing: yes

Core Size: HQ

Geologist: Rob Boyce

NTS: 93L 077

Claim: 0

Area: DOME MOUNTAIN

Log Dates: 24-Feb-16 to 25-Feb-16

Target: Boulder Vein

Comments: Drilled from Pad 10. Boulder Vein represented by 3 veins (0.43m, 0.51m & 0.08m) in alteration zone 132.12 to 137.23m.

Lithology						Alteration				Mineralization				Structure								
From	To	Len	Rk	Typ	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
0.00	25.81	25.81	OB	BRN	Rusty brown oxidized blouldery till. Cased to 25.5m.																	
25.81	47.80	21.99	LT	M-G	Maroon to less common green Lapilli Tuff with small sections Ash Tuff. Fragments subrounded to locally angular. Uncommon qz-cb stringers (locally with pyrite in green sections). Intensely oxidized at surface to 26.1m, oxidized frc surfaces down to 36m. Well-fractured sections. Ground core at 35.1m & 47.7m.																	
39.15	39.20	0.05															39.15	39.20	Vn	30	3.5cm qz-cb-(chl) with central fault	
41.40	41.42	0.02															41.40	41.42	Flt	60	gritty green clay gouge	
46.50	46.60	0.10															46.50	46.60	Flt	25	hematitic clay gouge 2mm	
47.80	49.20	1.40	NC																			
49.20	51.15	1.95	LT	MAR	Broken, gouged and rubbly deteriorated Lapilli Tuff. Mainly maroon to brick-red, with minor green fragments or matrix. 10% gouge: hem + clay + greasy pale green mineral; undoubtedly much washed away. Few vuggy qz-cb stringers and 8cm section of multiphase breccia with silica-chl-ep mtx. No fault orientation evident.																	

Lithology							Alteration				Mineralization				Structure							
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
51.15	56.48	5.33	AB	M-G			Porphyritic Amygdaloidal Basalt. Mainly maroon, with green section 55.3 - 56.3m. Irreg cb-qz veins to 2cm, as well as coalescing blobs (with chl) related to amygdales. 55.35 - 56.35m: qz-(hem) stwk makes 15% of rock. 56.35 - 56.48m: brecciated with cb matrix.															
54.20	54.57	0.37		BTm	MAR		Bedded maroon Ash Tuff interval within Basalt flow															
54.90	56.30	1.40						54.90	56.30	Chl	En	Mod										
54.90	56.30	1.40						54.90	56.30	Ep	En	Mod										
56.48	58.45	1.97	BTm		MAR		Bedded Maroon Ash Tuff-characteristic cb-altm speckles. Well-fractured. Faulted downhole contact.															
58.45	58.50	0.05		FT	GRN		Strongly altered green porphyritic rock with texture preserved; green clay gouge at uphole contact.															
58.45	92.55	34.10	AB		M-G		Porphyritic Basalt with amygdaloidal sections. Dominantly maroon, with 20% green to green-grey chloritic sections. Variable frc intensity. Local ep in envelopes/mtx: 64.85 - 65.1m, 70.1 - 70.35m & 84.4 - 85.5m. Qz-cb stringers variable intesity and irregular; locally 20% of rock where crackled (no sulphides). Brecciated downhole contact.															
58.45	92.55	34.10						58.45	92.55	Chl	Amyg	Wk										
58.45	92.55	34.10						58.45	92.55	Sil	Amyg	Mod										
58.45	92.55	34.10						58.45	92.55	Cb	Amyg	Mod										
65.93	66.24	0.31		BTm	MAR		Bedded maroon-brick Ash Tuff. Brecciated contacts.															
75.65	75.96	0.31		BTm	MAR		Vein/breccia bounded section of Bedded Maroon Ash Tuff															
75.65	75.96	0.31															75.65	75.96	Bd	40		
77.53	77.64	0.11		QV	WHT		Banded, forking qz-cb-(chl) vein in maroon-grey section. No sulphides.															

Lithology							Alteration				Mineralization				Structure									
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments		
77.53	77.64	0.11												77.53	77.64	Vn	50							
83.19	83.33	0.14		QV	WHT		Banded, irreg qz-cb-(chl) vein in green section, formed adjacent to central chloritic slickensided minor fault. No sulphides.																	
83.22	83.23	0.01												83.22	83.23	Flt	40	minor chl slip						
92.55	95.80	3.25	LT		MAR		Siliceous Lapill Tuff with subrounded to subangular fragments up to 2cm. Few qz-cb stringers to 1cm. Grading downhole into Crystal/Ash Tuff at contact.																	
95.80	100.90	5.10	XT		MAR		Crystal Tuff, gradational uphole and downhole into Lapilli Tuff (commonly appears as FP). Weakly crackled, with qz-cb mtx, + irreg qz-cb stringers to <1cm, make up 5% of rock. Sheared 20cm at downhole end. Gradational increase in bleaching toward downhole end.																	
100.90	101.31	0.41	LT		GRN		Med-pale green, sheared, weakly altered Lapilli Tuff (not intense enough for Va).																	
100.90	101.31	0.41												100.90	101.31	Py	Perv	Pre						
100.90	101.31	0.41												100.90	101.31	Chl	Perv	Mod						
100.90	101.31	0.41												100.90	101.31	Ser	Perv	Wk						
101.27	101.29	0.02												101.27	101.29	Flt	65	chl-clay slip surface						
101.31	101.38	0.07	QV		WHT		Qz-sulphide banded vein with 30% internal Va + 1cm Va on downhole side.								101.31	101.38	Py		5					
101.31	101.38	0.07												101.37	101.38	Flt	80	minor chl-clay slip						
101.37	101.38	0.01																						
101.38	101.75	0.37	LT		GRN		Med-pale green, weakly altered Lapilli Tuff (not intense enough for Va). Scattered cb-qz stringers to 5mm.																	

Lithology						Alteration				Mineralization				Structure												
From	To	Len	Rk	Type	Minor	Color	Description				From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
101.75	116.24	14.49	LT	G-M	Fine Lapilli Tuff to coarse Ash Tuff. Fragments commonly max 1cm to rarely 5cm. Green to less common maroon-brown. Common irreg banded qz-cb stringers to 1cm. 11.48 - 115.55m: 5mm - 1cm stringers parallel TCA contain blebby py + galena (up to 10% of veins).																					
111.48	116.24	4.76								111.48	116.24	Py	Dism	Wk												
111.48	115.55	4.07									111.48	115.55	Gn	0												
111.48	115.55	4.07									111.48	115.55	Py	0												
116.24	122.76	6.52	XT	MAR	Crystal Tuff, often appearing as FP or as AT. Maroon-grey colour. Hard but not siliceous. Irreg banded qz-cb stringers (locally vuggy or with chl), commonly at 5 - 25 degrees TCA, also at 70 degrees; local stwk to 10% of rock. Gradational/obscure downhole contact.																					
122.76	132.12	9.36	AT	MAR	Ash Tuff, with scattered rounded lapilli to 2cm. Small sections look like XT or FP. Grad downhole contact, with increasing bleaching.																					
132.12	133.31	1.19	Va	BLE	Pale buff bleached, weakly sheared, strongly Altered Zone, developed in Ash Tuff. 3% qz-(cb) stringers, mainly <3mm, half showing fg to cubic py.																					
132.12	133.31	1.19								132.12	133.31	Py	Pch	Wk												
132.12	133.31	1.19								132.12	133.31	Chl	Pch	Wk												
132.12	133.31	1.19								132.12	133.31	Ser	Pch	Mod												
132.12	133.31	1.19								132.12	133.31	Cy	Pch	Str												
132.12	133.31	1.19									132.12	133.31	Cp	0												
132.12	133.31	1.19									132.12	133.31	Py	1												
132.30	133.31	1.01																								
133.31	133.74	0.43	QV	VAR	White qz (minor cb) with 25% banded/network sulphides. Up-hole end 4cm milky qz + Va.																					
133.35	133.74	0.39									133.35	133.74	Sph	3												

Lithology						Alteration				Mineralization					Structure							
From	To	Len	Rk	Type	Minor Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
133.35	133.74	0.39											133.35	133.74	Cp	5						
133.35	133.74	0.39											133.35	133.74	Py	15						
133.73	133.74	0.01															133.73	133.74	Flt	40		
133.74	134.00	0.26	FT	BLE	Gouged, sheared Vas, banded from 0 to 40 degrees TCA. Brecciated downhole end next to fault downhole contact.																	
133.74	134.00	0.26											133.74	134.00	Cy	Bn	Str					
133.74	134.00	0.26											133.74	134.00	Py	Bn	Wk					
133.74	134.00	0.26											133.74	134.00	Ser	Bn	Str					
133.74	134.00	0.26															133.74	134.00	Cp	0		
133.74	134.00	0.26															133.74	134.00	Py	6		
133.99	134.00	0.01																				
134.00	134.95	0.95	Va	BLE	Mod-strongly sheared & altered FP and Lapilli/Ash Tuff; buff to pale purple or pink. Short qz-(cb) stringers scarce in uphole half, 5% in downhole half, some with cubic/bleb py.																	
134.00	134.95	0.95											134.00	134.95	Sil	Perv	Wk					
134.00	134.95	0.95											134.00	134.95	Py	Perv	Wk					
134.00	134.95	0.95											134.00	134.95	Ser	Perv	Wk					
134.00	134.95	0.95											134.00	134.95	Cy	Perv	Str					
134.42	134.95	0.53															134.42	134.95	Py	0		
134.94	134.95	0.01																				
134.95	135.46	0.51	QV	VAR	White qz vein with 10% sulphides as bands/blebs/networks.																	
134.95	135.46	0.51																				
134.95	135.46	0.51																				
134.95	135.46	0.51																				
135.30	135.31	0.01																				
135.45	135.46	0.01																				
135.46	136.30	0.84	Va	G-B	Wk-mod altered/bleached Ash Tuff, green-buff-pink. More siliceous at downhole end. 3% qz-sul stringers to 5mm.																	
135.46	136.30	0.84											135.46	136.30	Ser	Pch	Wk					
135.46	136.30	0.84											135.46	136.30	Py	Pch	Wk					
135.46	136.30	0.84											135.46	136.30	Cy	Pch	Str					

Lithology							Alteration				Mineralization					Structure											
From	To	Len	Rk	Type	Minor	Color	Description				From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments		
135.46	136.30	0.84												135.46	136.30	Chl	Pch	Wk	135.46	136.30	Py	1					
135.46	136.30	0.84												135.46	136.30	Sph	0										
135.46	136.30	0.84																	135.46	136.29	Vn	70					
136.29	136.30	0.01																	136.29	136.30	LC	70					
136.30	136.38	0.08	QV	WHT			Massive white qz vein with marginal and medial bands sulphides. Downhole contact irregular.																				
136.30	136.38	0.08												136.30	136.38	Chl	Bn	Pre	136.30	136.38	Sph	0					
136.30	136.38	0.08																	136.30	136.38	Py	5					
136.38	137.23	0.85	Va	GRN			Wk-altered Ash/Crystal Tuff. Few xcutting qz-cb-chl stringers, plus 3mm - 1cm qz-cb-py vein sub// TCA. Grad downhole contact.																				
137.23	181.30	44.07	XT	G-G			Green-grey or green-brown to locally maroon-grey Crystal Tuff (texture obscure - looks in places like AT or FP). Commonly crackled & cut by fine network cb (or qz-cb) stringers <1mm, plus a few larger stringers up to 1.5cm. Larger stringers locally are vuggy and/or host cubic py. 173.52 - 173.78m: 1cm qz-cb vein @ 25 degrees TCA hosts 5% py + 1% cp. Eoh 181.3M.																				
153.03	153.03	0.00																	153.03	153.03	Flt	60	clay sfc				
155.25	155.29	0.04																	155.25	155.29	Flt	50	3mm clay gouge				
155.36	155.37	0.01																	155.36	155.37	Flt	45	clay surface				
163.15	163.17	0.02																	163.15	163.17	Flt	55	chl slip with central 2cm qz-cb-chl bx vein				



Dome Mountain Project Database

Hole Number: DM-16-106

Drill Hole Log

Grid-X: 653,521.51 **Brg:** 0.00 **Ovb:** 6.50 **Surveyor:** JH-GPS-RTK **Drill:** Driftwood Diamond Drilling
Grid-Y: 6,068,891.34 **Dip:** -45.00 **Casing:** 6.00 **Survey Date:** 27-Sep-16 **Drill Dates:** 12-Feb-16 to 13-Feb-16
Grid-Z: 1,299.75 **Depth:** 105.00 **Recover Casing:** yes **Core Size:** HQ **Geologist:** Mathias Westphal
NTS: **Claim:** 0 **Area:** DOME MOUNTAIN **Log Dates:** 14-Feb-16 to 14-Feb-16
Target: **Comments:**

Lithology						Alteration				Mineralization				Structure									
From	To	Len	Rk	Typ	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
0.00	6.50	6.50	OB																				
6.50	15.50	9.00	XT	GRN	limonite	Ffin	oxidation zone						6.50	15.50	Oxid	FF	Mod						
6.50	15.50	9.00																	6.50	15.50	Frc	80	
15.50	19.38	3.88	LT	GRY	lapilli <1cm, py fiamme and diss																		
15.50	19.38	3.88											15.50	19.38	Py	FF	Mod						
15.50	19.38	3.88											15.50	19.38	Oxid	FF	Pre						
15.50	19.38	3.88																	15.50	19.38	Py		
15.50	19.38	3.88																	15.50	19.38	Frc	60	
19.38	19.73	0.35	QV	upper contact at 20, lower at 30 tca, semi massive py in qtz-cal vein <20cm																			
19.38	19.73	0.35											19.38	19.73	Py	Vn	Int						
19.38	19.73	0.35											19.38	19.73	Qz	Vn	Int						
19.38	19.73	0.35											19.38	19.73	Cb	Vn	Int						
19.38	19.73	0.35																	19.38	19.73	Py		
19.38	19.73	0.35																	19.38	19.73	Cn	20	
19.73	23.15	3.42	LT	GRY	diss py, py fiamme and qtz-cal veins w/ py at 5 tca, and <2cm at 30 tca at bottom of unit w/ 80 cm AT																		
19.73	23.15	3.42											19.73	23.15	Py	Vn	Pre						
19.73	23.15	3.42											19.73	23.15	Qz	Vn	Pre						
19.73	23.15	3.42											19.73	23.15	Cb	Vn	Pre						
19.73	23.15	3.42																	19.73	23.15	Py		
19.73	23.15	3.42																	19.73	23.15	Frc	45	

Lithology							Alteration					Mineralization					Structure							
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
23.15	45.45	22.30	XT	GRN	limonite FF down to 38m, barren qtz veins 10 and 20cm at 25m, qtz-cal vein w/ py lining <2cm at 10 tca at 30.8m																			
23.15	45.45	22.30							23.15	45.45	Qz	Vn	Pre											
23.15	45.45	22.30							23.15	45.45	Cb	Vn	Wk											
23.15	45.45	22.30												23.15	45.45	Py		in qtz-cal vein <2cm at 10 tca at 30.8m						
23.15	45.45	22.30																						
45.45	47.30	1.85	LT	GRY	lapilli <1cm, w/ diss py and qtz-cal-py stringers														23.15	45.45	Frc	45		
45.45	47.30	1.85							45.45	47.30	Py	Str	Int											
45.45	47.30	1.85							45.45	47.30	Cb	Str	Int											
45.45	47.30	1.85																	45.45	47.30	Frc	45		
47.30	47.70	0.40	QV	BLE	qtz-cal-py stringers, contacts at 45 tca																			
47.30	47.70	0.40							47.30	47.70	Py	Str	Int											
47.30	47.70	0.40							47.30	47.70	Qz	Str	Int											
47.30	47.70	0.40							47.30	47.70	Cb	Str	Int											
47.30	47.70	0.40												47.30	47.70	Py								
47.70	49.05	1.35	XT	MAR	w/ intense qtz-cal crackle fillings																			
47.70	49.05	1.35							47.70	49.05	Cb	FF	Int											
47.70	49.05	1.35																	47.70	49.05	Frc	80		
49.05	50.00	0.95	FT	BLE	maroon, green, and mostly white																			
49.05	50.00	0.95							49.05	50.00	Cy	Perv												
49.05	50.00	0.95							49.05	50.00	Ser	Perv	Str											
49.05	50.00	0.95																	49.05	50.00	Flt	45		
50.00	58.60	8.60	LT	MAR	lapilli <1cm, clasts <2cm, siliceous and welded, qtz-cal crackle FF																			
50.00	58.60	8.60							50.00	58.60	Cb	FF	Mod											
58.60	60.00	1.40	Vas	BLE	bleached AT w/ py diss and qtz-cal-py stringers and veins <2cm at 60 tca, chl and ep alt																			
58.60	60.00	1.40							58.60	60.00	Qz	Perv	Int											
58.60	60.00	1.40							58.60	60.00	Cb	Perv	Int											
58.60	60.00	1.40							58.60	60.00	Py	Perv	Int											

Lithology						Alteration				Mineralization				Structure								
From	To	Len	Rk	Type	Minor Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
58.60	60.00	1.40										58.60	60.00	Blch	Perv	Int						
58.60	60.00	1.40										58.60	60.00	Py								
58.60	60.00	1.40																				
60.00	64.10	4.10	XT	MAR		hem replacing py, intense qtz-cal FF and veining, qtz-cal replacing plag																
60.00	64.10	4.10										60.00	64.10	Cb	FF	Int						
60.00	64.10	4.10										60.00	64.10	He	FF	Int						
60.00	64.10	4.10																				
64.10	67.00	2.90	XT	BLE		different alt types of XT w/ bleaching, ser and clay alt, prop alt																
64.10	69.00	4.90										64.10	69.00	Blch	Perv	Int						
64.10	69.00	4.90										64.10	69.00	Cy	Perv							
64.10	69.00	4.90										64.10	69.00	Ser	Perv	Int						
64.10	69.00	4.90										64.10	69.00	Chl	Perv	Mod						
64.10	67.00	2.90																				
67.00	70.30	3.30	XT	M-G		maroon XT w/ ep alt and hem replacing py, qtz vein <3cm at 20 tca at 68.9m																
67.00	70.30	3.30										67.00	70.30	Ep	Pch	Pre						
67.00	70.30	3.30										67.00	70.30	He	Pch	Int						
67.00	70.30	3.30																				
70.30	71.05	0.75	AT	G-G		siliceous AT																
70.30	71.05	0.75										70.30	71.05	Cb	Vn	Wk						
70.30	71.05	0.75																				
71.05	77.25	6.20	XT	MAR		siliceous XT, hem replacing py, int qtz-cal FF, qtz-cal vein <55mm subparallel tca at 77m																
71.05	77.25	6.20										71.05	77.25	Cb	FF	Int						
71.05	77.25	6.20										71.05	77.25	He	FF	Int						
71.05	77.25	6.20																				
77.25	81.20	3.95	XT	BLE		bleached and prop alt w/ hem replacing py																
77.25	81.20	3.95										77.25	81.20	Ep	Perv	Int						
77.25	81.20	3.95										77.25	81.20	He	Perv	Int						
77.25	81.20	3.95										77.25	81.20	Chl	Perv	Int						
77.25	81.20	3.95										77.25	81.20	Blch	Perv	Mod						
77.25	81.20	3.95																				
81.20	83.30	2.10	XT	MAR		int qtz-cal FF																

Lithology								Alteration					Mineralization					Structure					
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
81.20	83.30	2.10																					
81.20	83.30	2.10																					
83.30	85.30	2.00	XT	BLE	bleaching and prop alt, hem replacing py																81.20	83.30	Frc 45
83.30	85.30	2.00																					
83.30	85.30	2.00																					
83.30	85.30	2.00																					
83.30	85.30	2.00																					
83.30	85.30	2.00																					
83.30	85.30	2.00																					
83.30	85.30	2.00																					
85.30	89.75	4.45	XT	MAR	siliceous XT w/ int qtz-cal FF																83.30	85.30	Frc 30
85.30	89.75	4.45																					
85.30	89.75	4.45																					
89.75	98.60	8.85	XT	MAR	pres qtz-cal FF and veins																85.30	89.75	Frc 45
89.75	98.60	8.85																					
98.60	104.95	6.35	XT	GRN	intercalated LT, siliceous, qtz vein <10cm at 101.4m at 80 tca																89.75	98.60	Frc 60
98.60	104.95	6.35																					
98.60	104.95	6.35																					
104.95	105.00	0.05	XT	MAR	EOH																98.60	104.95	Frc 80



Dome Mountain Project Database

Hole Number: DM-16-107

Drill Hole Log

Grid-X: 653,640.39

Brg: 0.00

Ovb: 13.60

Surveyor: JH-GPS-RTK

Drill: Driftwood Diamond Drilling

Grid-Y: 6,068,898.28

Dip: -49.00

Casing: 10.50

Survey Date: 27-Sep-16

Drill Dates: 25-Feb-16 to 27-Feb-16

Grid-Z: 1,267.89

Depth: 100.70

Recover Casing: yes

Core Size: HQ

Geologist: Mathias Westphal

NTS:

Claim: 0

Area: DOME MOUNTAIN

Log Dates: 27-Feb-16 to 28-Feb-16

Target:

Comments:

Lithology						Alteration					Mineralization					Structure									
From	To	Len	Rk	Typ	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments		
0.00	13.60	13.60		OB																					
13.60	19.15	5.55		LT			GRN	lapilli <2cm, clasts <4cm, limonite Ff in oxidation zone																	
13.60	19.15	5.55							13.60	19.15	Chl	FF	Mod												
13.60	19.15	5.55							13.60	19.15	Ser	FF	Mod												
13.60	19.15	5.55							13.60	19.15	Oxid	FF	Int												
13.60	19.15	5.55																	13.60	19.15	Frc	80			
19.15	24.30	5.15		XT			G-G	green XT w/ intercalated gray AT <20cm																	
19.15	24.30	5.15							19.15	24.30	Cb	FF	Pre												
19.15	24.30	5.15							19.15	24.30	Oxid	FF	Pre												
19.15	24.30	5.15																	19.15	24.30	Frc	80			
24.30	25.18	0.88		Vas			BLE	beige-green bleached AT w/ diss py and qtz-cal vein <5cm at 30 tca w/ py stringers																	
24.30	25.18	0.88							24.30	25.18	Py	Perv	Mod												
24.30	25.18	0.88							24.30	25.18	Qz	Perv	Pre												
24.30	25.18	0.88							24.30	25.18	Blch	Perv	Int												
24.30	25.18	0.88												24.30	25.18	Py									
24.30	25.18	0.88																	24.30	25.18	Cn	30			
25.18	27.40	2.22		Va			BLE	bleached maroon LT w/ diss py and intercalated gray AT																	
25.18	27.40	2.22							25.18	27.40	Blch	Perv	Int												
25.18	27.40	2.22							25.18	27.40	Py	Perv	Mod												
25.18	27.40	2.22							25.18	27.40	Cb	Perv	Mod												
25.18	27.40	2.22												25.18	27.40	Py									
27.40	29.15	1.75		LT			MAR	siliceous LT w/ patchy chl alt and bleaching																	

Lithology						Alteration				Mineralization				Structure								
From	To	Len	Rk	Type	Minor Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
27.40	29.15	1.75																				
27.40	29.15	1.75																				
27.40	29.15	1.75																				
29.15	31.70	2.55	LT	M-G		LT w/ intercalated green XT, int qtz-cal FF and stwk veining w/ ser alt causing crushed rock																27.40 29.15 Frc 80
29.15	31.70	2.55																				
29.15	31.70	2.55																				
31.70	33.00	1.30	Vas	BLE		bleached XT w/ qtz-cal veins <3cm w/ py stringers																29.15 31.70 Frc 80
31.70	33.00	1.30																				
31.70	33.00	1.30																				
31.70	33.00	1.30																				
31.70	33.00	1.30																				
33.00	38.60	5.60	FT	M-G		fit zone w/ four clay alt fit gouges, int ser alt and high porosity fluid circulation w/ hem alt																
33.00	38.60	5.60																				
33.00	38.60	5.60																				
33.00	38.60	5.60																				
38.60	40.15	1.55	LT	MAR		siliceous LT																
38.60	40.15	1.55																				
38.60	40.15	1.55																				
40.15	40.70	0.55	FT			clay-ser-hem alt																
40.15	40.70	0.55																				
40.15	40.70	0.55																				
40.15	40.70	0.55																				
40.15	40.70	0.55																				
40.15	40.70	0.55																				
40.70	44.75	4.05	XT	G-M		siliceous XT w/ wk qtz-cal FF																
40.70	44.75	4.05																				
40.70	44.75	4.05																				
44.75	44.80	0.05	FT			clay in flt gouge at 75 tca																
44.75	44.80	0.05																				
44.75	44.80	0.05																				

Lithology						Alteration				Mineralization				Structure											
From	To	Len	Rk	Typ	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments		
44.80	60.00	15.20	LT	MAR			siliceous LT, lapilli <3cm, clasts <10cm, intercalated gray AT <20cm and green XT <20cm																		
44.80	60.00	15.20							44.80	60.00	Cb	Vn	Pre							44.80	60.00	Frc	80		
44.80	60.00	15.20																							
60.00	62.95	2.95	LT	MAR			chl alt FF and perv hem alt LT, high porosity matrix		60.00	62.95	He	FF	Int							60.00	62.95	Frc	30	crushed rock	
60.00	62.95	2.95							60.00	62.95	Chl	FF	Int												
60.00	62.95	2.95																							
62.95	66.00	3.05	XT	BLK			high porosity and brittle fractured XT, Fe-Mn oxides?		62.95	66.00	Chl	FF	Int							62.95	66.00	Frc	80		
62.95	66.00	3.05							62.95	66.00	Oxid	FF	Int												
62.95	66.00	3.05																							
66.00	67.70	1.70	FT				two flts seperated by 25cm solid XT, contacts upper and lower at 80 tca, contact to solid intersect at 45 on both sides but 90 degree oriented		66.00	67.70	Chl	Gg	Int												
66.00	67.70	1.70							66.00	67.70	Cy	Gg	Str												
66.00	67.70	1.70							66.00	67.70	Ser	Gg	Int												
66.00	67.70	1.70																		66.00	67.70	Flt	45	in between contacts	
66.00	67.70	1.70																		66.00	67.70	Flt	80	upper and lower contact	
67.70	69.00	1.30	XT	MAR			ser alt and int qtz-cal FF		67.70	69.00	Ser	Perv	Int												
67.70	69.00	1.30							67.70	69.00	Cb	Perv	Int												
67.70	69.00	1.30																		67.70	69.00	Frc	30		
67.70	69.00	1.30																							
69.00	69.10	0.10	FT				clay in flt gouge <3cm at 80		69.00	69.10	Cy	Gg	Str												
69.00	69.10	0.10							69.00	69.10	Chl	Gg	Str												
69.00	69.10	0.10							69.00	69.10	Ser	Gg	Str												
69.10	77.07	7.97	XT	MAR			siliceous XT w/ int qtz-cal FF		69.10	77.07	Cb	FF	Int												
69.10	77.07	7.97																		69.10	77.07	Frc	80		
69.10	77.07	7.97																							
77.07	77.90	0.83	Vas	M-G			chl alt w/ strong qtz-cal veining and FF, vein <10cm at 45 and 30 tca, veins <1cm subparallel and as FF																		

Lithology							Alteration					Mineralization					Structure						
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
77.07	77.90	0.83							77.07	77.90	Chl	Vn	Pre										
77.07	77.90	0.83							77.07	77.90	Cb	Vn	Int										
77.90	80.45	2.55	XT	MAR	ser, ch, and hem alt XT, high porosity				77.90	80.45	He	Perv	Mod										
77.90	80.45	2.55							77.90	80.45	Chl	Perv	Mod										
77.90	80.45	2.55							77.90	80.45	Ser	Perv	Int										
77.90	80.45	2.55																77.90	80.45	Frc	80		
80.45	81.25	0.80	Vas	BLE	bleached and chl alt XT hosting a qtz vein <10cm at 45 tca at 80.95m, chl alt w/ vuggy qtz veins at 30 tca				80.45	81.25	Qz	Perv	Int										
80.45	81.25	0.80							80.45	81.25	Chl	Perv	Mod										
80.45	81.25	0.80							80.45	81.25	Ser	Perv	Mod										
80.45	81.25	0.80							80.45	81.25	Blch	Perv	Int										
80.45	81.25	0.80																80.45	81.25	Cn	45		
81.25	84.15	2.90	XT	MAR	ser and hem alt XT w/ high porosity				81.25	84.15	He	Perv	Int										
81.25	84.15	2.90							81.25	84.15	Ser	Perv	Mod										
81.25	84.15	2.90																81.25	84.15	Frc	80		
84.15	93.55	9.40	XT	M-G	siliceous maroon and green XT w/ qtz-cal veining <1cm at 10 to 30 tca				84.15	93.55	Cb	Vn	Int										
84.15	93.55	9.40																84.15	93.55	Frc	80		
93.55	95.88	2.33	Va	BLE	bleached green XT w/ chl alt and hem replacing py, remnants of fg py w/ qtz veins and stringers at 60 to 45 tca at 95.4m				93.55	95.88	Chl	Perv	Mod										
93.55	95.88	2.33							93.55	95.88	Py	Perv	Pre										
93.55	95.88	2.33							93.55	95.88	Cb	Perv	Mod										
93.55	95.88	2.33							93.55	95.88	Qz	Perv	Pre					93.55	95.88	Py			
93.55	95.88	2.33																93.55	95.88	Cn	45		
95.88	100.70	4.82	XT	MAR	bleached and ser alt XT w/ int qtz-cal veining <1cm at 30 tca and FF																		

Lithology						Alteration				Mineralization				Structure									
From	To	Len	Rk	Typ	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
95.88	100.70	4.82						95.88	100.70	Ser	FF	Int											
95.88	100.70	4.82						95.88	100.70	Cb	FF	Int											
95.88	100.70	4.82																					
100.70	0.00	#####																					



Dome Mountain Project Database

Hole Number: DM-16-108

Drill Hole Log

Grid-X: 653,440.04

Brg: 0.00

Ovb: 4.50

Surveyor: JH-GPS-RTK

Drill: Driftwood Diamond Drilling

Grid-Y: 6,068,923.82

Dip: -45.00

Casing: 3.00

Survey Date: 27-Sep-16

Drill Dates: 13-Feb-16 to 14-Feb-16

Grid-Z: 1,325.32

Depth: 75.00

Recover Casing: yes

Core Size: HQ

Geologist: Mathias Westphal

NTS:

Claim: 0

Area: DOME MOUNTAIN

Log Dates: 14-Feb-16 to 15-Feb-16

Target:

Comments:

Lithology						Alteration					Mineralization					Structure										
From	To	Len	Rk	Typ	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments			
0.00	4.50	4.50	OB																							
4.50	8.25	3.75	LT	MAR	lapilli <2cm, clasts <5cm, limonite as FF																					
4.50	8.25	3.75							4.50	8.25	Oxid	FF	Pre													
4.50	8.25	3.75																								
8.25	9.20	0.95	XT	G-M	limonite as FF in oxidation zone				8.25	9.20	Oxid	FF	Pre													
8.25	9.20	0.95																								
8.25	9.20	0.95																								
9.20	10.58	1.38	FT	BRN	limonite and clay alt in flt gouge																					
9.20	10.58	1.38							9.20	10.58	Cy	Gg														
9.20	10.58	1.38							9.20	10.58	Oxid	Gg	Int													
9.20	10.58	1.38							9.20	10.58	Ser	Gg	Int													
9.20	10.58	1.38																								
10.58	17.15	6.57	Va	BLE	bleached maroon LT, lapilli <1cm, diss py, qtz-cal vein <1cm parallel tca at 15.5m																					
10.58	17.15	6.57							10.58	17.15	Blch	Perv	Int													
10.58	17.15	6.57							10.58	17.15	Ser	Perv	Mod													
10.58	17.15	6.57							10.58	17.15	Cb	Perv	Pre													
10.58	17.15	6.57							10.58	17.15	Qz	Perv	Pre													
10.58	17.15	6.57												10.58	17.15	Py										
17.15	21.00	3.85	LT	MAR	qtz-cal veins and FF mod				17.15	21.00	Cb	FF	Mod													
17.15	21.00	3.85																								
17.15	21.00	3.85																								

Lithology							Alteration					Mineralization					Structure																					
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments															
21.00	21.70	0.70	Va	G-M	chl altered maroon XT above QV																																	
21.00	21.70	0.70										21.00	21.70	Cb	Pch	Pre																						
21.00	21.70	0.70										21.00	21.70	Chl	Pch	Mod																						
21.70	22.00	0.30	QV	GRN	chl alt w/ diss py, qtzvein and stringers <4cm at 30 tca w/ py stringers																					21.00	21.70	Frc	60									
21.70	22.00	0.30										21.70	22.00	Py	Vn	Pre																						
21.70	22.00	0.30										21.70	22.00	Qz	Vn	Pre																						
21.70	22.00	0.30										21.70	22.00	Chl	Vn	Int																						
21.70	22.00	0.30										21.70	22.00	Cb	Vn	Pre																						
21.70	22.00	0.30																	21.70	22.00	Py																	
21.70	22.00	0.30																								21.70	22.00	Frc	30									
21.70	22.00	0.30																								21.70	22.00	Cn	30									
22.00	22.65	0.65	Va	BLE	prop alt XT w/ diss py and some qtz-cal veining <2cm at 30 tca																																	
22.00	22.65	0.65										22.00	22.65	Chl	Perv	Mod																						
22.00	22.65	0.65										22.00	22.65	Blch	Perv	Int																						
22.00	22.65	0.65										22.00	22.65	Ep	Perv	Mod																						
22.00	22.65	0.65										22.00	22.65	Py	Perv	Pre																						
22.00	22.65	0.65																	22.00	22.65	Py																	
22.00	22.65	0.65																								22.00	22.65	Frc	60									
22.65	25.25	2.60	LT	MAR	lapilli and clasts <3cm fiamme																																	
22.65	25.25	2.60										22.65	25.25	Cb	Vn	Wk															22.65	25.25	Frc	60				
22.65	25.25	2.60																																				
25.25	28.50	3.25	XT	GRN	siliceous XT																																	
25.25	28.50	3.25										25.25	28.50	Cb	Vn	Wk															25.25	28.50	Frc	80				
28.50	43.20	14.70	LT	M-G	a sequence of maroon, green, maroon, green siliceous LT w/ lapilli <2cm and clasts <5cm																																	
28.50	43.20	14.70										28.50	43.20	Cb	Vn	Wk															28.50	43.20	Frc	60				
43.20	44.40	1.20	FT	MAR	flt w/ significant core loss (80cm)																																	
43.20	44.40	1.20										43.20	44.40	Cy	Gg	Int															43.20	44.40	Flt					
43.20	44.40	1.20																															43.20	44.40				
44.40	47.00	2.60	LT	MAR	lapilli and clasts <2cm																												44.40	47.00				

Lithology						Alteration				Mineralization				Structure									
From	To	Len	Rk	Type	Minor Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
44.40	47.00	2.60																					
44.40	47.00	2.60																					
47.00	50.70	3.70	FT	MAR		repetative flt w/ crushed rock at four sections and maroon clay at the bottom 20cm at 30 tca (?)																44.40	47.00 Frc 90
47.00	50.70	3.70																					
47.00	50.70	3.70																					
47.00	50.70	3.70																					
47.00	50.70	3.70																					
50.70	56.00	5.30	LT	MAR		siliceous w/ qtz-cal FF and veins																	
50.70	56.00	5.30																					
50.70	56.00	5.30																					
56.00	56.90	0.90	AT	GRN		siliceous AT																	
56.00	56.90	0.90																					
56.00	56.90	0.90																					
56.90	60.50	3.60	LT	MAR		siliceous LT, lapilli <1cm, qtz-cal veining w/ stwk																	
56.90	60.50	3.60																					
60.50	62.50	2.00	AT	GRN		siliceous AT w/ 30cm intercalated maroon LT																	
60.50	62.50	2.00																					
62.50	70.00	7.50	XT	MAR		int qtz-cal FF and veins <2cm at 80 tca																	
62.50	70.00	7.50																					
70.00	72.00	2.00	XT	G-G		siliceous welded XT w/ wk veining																	
70.00	72.00	2.00																					
70.00	72.00	2.00																					
72.00	74.20	2.20	XT	MAR		siliceous XT w/ int qtz-cal FF and stwk veining																	
72.00	74.20	2.20																					
72.00	74.20	2.20																					
74.20	75.00	0.80	XT	G-G		hem replacing py, wk propyllitic alt																	
74.20	75.00	0.80																					
74.20	75.00	0.80																					

Lithology							Alteration				Mineralization				Structure									
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
74.20	75.00	0.80					74.20	75.00	Chl	Phno	Pre													
74.20	75.00	0.80					74.20	75.00	Ep	Phno	Pre													
74.20	75.00	0.80																	74.20	75.00	Frc	80		



Dome Mountain Project Database

Hole Number: DM-16-109

Drill Hole Log

Grid-X: 653,444.98

Brg: 7.00

Ovb: 3.00

Surveyor: JH-GPS-RTK

Drill: Driftwood Diamond Drilling

Grid-Y: 6,068,824.89

Dip: -65.70

Casing: 3.00

Survey Date: 27-Sep-16

Drill Dates: 14-Feb-16 to 16-Feb-16

Grid-Z: 1,316.09

Depth: 201.00

Recover Casing: yes

Core Size: HQ

Geologist: Mathias Westphal

NTS:

Claim: 0

Area: DOME MOUNTAIN

Log Dates: 15-Feb-16 to 17-Feb-16

Target:

Comments:

Lithology						Alteration					Mineralization					Structure									
From	To	Len	Rk	Typ	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments		
0.00	3.00	3.00	OB																						
3.00	12.35	9.35	XT	GRN	siliceous XT w/ limonite FF				3.00	12.35	Cb	Vn	Wk												
3.00	12.35	9.35							3.00	12.35	Oxid	Vn	Pre												
3.00	12.35	9.35																							
3.00	12.35	9.35																							
12.35	16.00	3.65	XT	GRN	w/ thin qtz-py veins at 30 tca and subparallel tca																				
12.35	16.00	3.65							12.35	16.00	Cb	FF	Mod												
12.35	16.00	3.65							12.35	16.00	Py	FF	Pre												
12.35	16.00	3.65							12.35	16.00	Oxid	FF	Pre												
12.35	16.00	3.65												12.35	16.00	Py									
16.00	26.40	10.40	XT	GRN	siliceous XT w/ qtz-cal veins <1cm at 60, 30, and 10 tca																				
16.00	26.40	10.40							16.00	26.40	Oxid	Vn	Pre												
16.00	26.40	10.40							16.00	26.40	Cb	Vn	Pre												
16.00	26.40	10.40																							
26.40	41.05	14.65	LT	M-G	intercalated maroon LT and green XT and LT w/ mod qtz-cal crackle FF and some veining, lapilli <1cm, clasts <2cm																				
26.40	41.05	14.65							26.40	41.05	Cb	FF	Mod												
41.05	51.95	10.90	LT	MAR	lapilli and clasts <4cm, siliceous																				
41.05	51.95	10.90							41.05	51.95	Cb	Vn	Wk												
41.05	51.95	10.90																							

Lithology						Alteration				Mineralization				Structure									
From	To	Len	Rk	Type	Minor Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
51.95	59.50	7.55	XT	GRN		siliceous XT w/ int qtz-cal crackle FF and veining <1cm at 5 to 20 tca w/ py cubes, at 52.2m w/ patchy cpy at 5 tca																	
51.95	59.50	7.55						51.95	59.50	Py	FF	Mod											
51.95	59.50	7.55						51.95	59.50	Cb	FF	Int											
51.95	59.50	7.55											51.95	59.50	Cp								
51.95	59.50	7.55											51.95	59.50	Py								
51.95	59.50	7.55																51.95	59.50	Frc	60		
59.50	65.50	6.00	LT	G-M		siliceous green and maroon XT, one qtz-cal vein <2cm at 30 tca at 61.6m																	
59.50	65.50	6.00						59.50	65.50	Cb	Vn	Wk											
59.50	65.50	6.00																59.50	65.50	Frc	80		
65.50	66.30	0.80	XT	GRN		ser altered FF at 30 tca																	
65.50	66.30	0.80						65.50	66.30	Ser	Vn	Int											
65.50	66.30	0.80							65.50	66.30	Cb	Vn	Mod										
65.50	66.30	0.80																65.50	66.30	Frc	30		
66.30	97.60	31.30	LT	MAR		siliceous, lapilli <1cm, qtz- at 80 tca1les ancal veins <1cm at low ang																	
66.30	97.60	31.30						66.30	97.60	Cb	Vn	Pre											
66.30	72.00	5.70																66.30	72.00	Frc	60		
97.60	100.40	2.80	AT	GRN		siliceous AT w/ qtz-cal veins <1cm at 20 tca, qtz-cal <5cm at 60 tca at																	
97.60	100.40	2.80						97.60	100.40	Cb	Vn	Mod											
97.60	100.40	2.80							97.60	100.40	Qz	Vn	Mod										
97.60	100.40	2.80																97.60	100.40	Frc	80		
100.40	106.70	6.30	LT	MAR		lapilli <1cm, clasts <2cm, siliceous																	
100.40	106.70	6.30						100.40	106.70	Cb	Vn	Wk											
100.40	106.70	6.30																100.40	106.70	Frc	80		
106.70	108.00	1.30	Va	MAR		ser alt XT w/clay, flt in fracture zone																	
106.70	108.00	1.30						106.70	108.00	Cy	Vn	Pre											
106.70	108.00	1.30							106.70	108.00	Cb	Vn	Mod										
106.70	108.00	1.30								106.70	108.00	Ser	Vn	Int									
106.70	108.00	1.30																106.70	108.00	Frc	30		
106.70	108.00	1.30																106.70	108.00	Flt	60		

Lithology						Alteration				Mineralization				Structure											
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments		
108.00	110.70	2.70	XT	MAR	qtz-cal veining w/ qtz <15cm at 30 tca at 110.4m, <1cm at 5 to 20 tca																				
108.00	110.70	2.70							108.00	110.70	Cb	Vn	Int												
108.00	110.70	2.70							108.00	110.70	Qz	Vn	Int												
108.00	110.70	2.70																	108.00	110.70	Frc	30			
110.70	111.50	0.80	BTm	MAR	<1cm bedding and flow texture				110.70	111.50	Ser	Perv	Pre												
110.70	111.50	0.80																							
110.70	111.50	0.80																	110.70	111.50	Frc	30			
111.50	116.50	5.00	FT	MAR	fracture zone w/ three ftl gouges and significant core loss																				
111.50	116.50	5.00							111.50	116.50	Ser	Gg	Int												
111.50	116.50	5.00							111.50	116.50	Cy	Gg													
111.50	116.50	5.00																	111.50	116.50	Flt				
116.50	118.40	1.90	Va	GRN	ser alt green XT				116.50	118.40	Ser	Perv	Int												
116.50	118.40	1.90																							
116.50	118.40	1.90																	116.50	118.40	Frc	45			
118.40	118.50	0.10	FT	GRN	ftl gouge				118.40	118.50	Cy	Gg													
118.40	118.50	0.10																							
118.40	118.50	0.10																	118.40	118.50	Flt				
118.50	122.30	3.80	Va	GRN	ser alt				118.50	122.30	Cb	Perv	Pre												
118.50	122.30	3.80							118.50	122.30	Ser	Perv	Mod												
122.30	139.90	17.60	XT	GRN	siliceous welded XT w/ wk qtz-cal veining <5mm subparallel tca																				
122.30	139.90	17.60							122.30	139.90	Cb	Vn	Wk												
122.30	139.90	17.60																	122.30	139.90	Frc	80			
139.90	146.85	6.95	XT	MAR	int qtz-cal crackle FF and some veining in siliceous XT				139.90	146.85	Cb	FF	Int												
139.90	146.85	6.95																							
139.90	146.85	6.95																	139.90	146.85	Frc	80			
146.85	150.00	3.15	XT	M-G	maroon XT w/ some chl and ser alt FF causing fracture zone frc at 30 tca				146.85	150.00	Cb	Vn	Mod												
146.85	150.00	3.15							146.85	150.00	Ser	Vn	Int												
146.85	150.00	3.15							146.85	150.00	Chl	Vn	Int												
146.85	150.00	3.15																	146.85	150.00	Frc	30			

Lithology						Alteration				Mineralization				Structure														
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments					
150.00	153.00	3.00	Va	GRN	prop alt w/ diss py, significant core loss between 151 and 151.8m and 152.1 and 153m, Flt(?)																							
150.00	153.00	3.00							150.00	153.00	Chl	Perv	Int															
150.00	153.00	3.00							150.00	153.00	Py	Perv	Int															
150.00	153.00	3.00							150.00	153.00	Ep	Perv	Int															
150.00	153.00	3.00												150.00	153.00	Py												
150.00	153.00	3.00																	150.00	153.00	Frc	30	crushed w/ core loss					
150.00	153.00	3.00																	150.00	153.00	Flt							
153.00	171.90	18.90	XT	GRN	siliceous welded XT w/ some qtz-cal veins and crackle FF																							
153.00	171.90	18.90							153.00	171.90	Cb	Vn	Pre															
153.00	171.90	18.90																	153.00	171.90	Frc	45						
171.90	172.55	0.65	QV	BLE	qtz-cal veins and stringers w/ py stringers over 35cm and 10cm at 30 tca within this section																							
171.90	172.55	0.65							171.90	172.55	Cb	Vn	Mod															
171.90	172.55	0.65							171.90	172.55	Qz	Vn	Mod															
172.55	176.65	4.10	XT	GRN	siliceous XT hosting a qtz-cal-py vein <5mm at 45 tca at 173.2m														171.90	172.55	Frc	30						
172.55	176.65	4.10							172.55	176.65	Py	Vn	Wk															
172.55	176.65	4.10							172.55	176.65	Cb	Vn	Wk															
172.55	176.65	4.10												172.55	176.65	Py		one vein <5mm at 45 tca at 173.2m										
172.55	176.65	4.10																	172.55	176.65	Frc	30						
176.65	179.20	2.55	Va	BLE	green XT hosting qtz-cal-py veins																							
176.65	179.20	2.55							176.65	179.20	Chl	Perv	Mod															
176.65	179.20	2.55							176.65	179.20	Py	Perv	Mod															
176.65	179.20	2.55							176.65	179.20	Cb	Perv	Pre															
176.65	179.20	2.55												176.65	179.20	Py												
176.65	179.20	2.55																	176.65	179.20	Frc	60						
179.20	182.25	3.05	Va	BLE	chl, ser and clay alt green XT above Flt																							
179.20	182.25	3.05							179.20	182.25	Cy	Perv	Pre															
179.20	182.25	3.05							179.20	182.25	Ser	Perv	Int															

Lithology						Alteration				Mineralization				Structure												
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments			
179.20	182.25	3.05							179.20	182.25	Chl	Perv	Mod						179.20	182.25	Frc	45				
179.20	182.25	3.05							182.25	182.30	Cy	Gg							182.25	182.30	Flt	30				
182.25	182.30	0.05	FT	BLE	clay in flt gouge <3cm at 30			182.30	183.20	Ser	Perv	Mod							182.30	183.20	Frc	80				
182.25	182.30	0.05							183.20	187.05	Cb	Vn	Wk						183.20	187.05	Frc	45				
182.25	182.30	0.05							187.05	187.50	Py	Vn	Str													
182.30	183.20	0.90	Va	BLE	ser alt green XT				187.05	187.50	Qz	Vn	Str													
182.30	183.20	0.90							187.05	187.50	Py			187.05	187.50	Py										
182.30	183.20	0.90							187.05	187.50	Qz	Vn	Str	187.05	187.50	Cp										
183.20	187.05	3.85	XT	G-M	siliceous welded XT				187.05	187.50	Py	Vn	Pre						187.05	187.50	Cn	70				
183.20	187.05	3.85							187.50	190.40	Cb	Vn	Mod													
183.20	187.05	3.85							187.50	190.40	Qz	Vn	Mod													
187.05	187.50	0.45	QV		massive qtz vein w/ semi massive py and cpy at 70 tca				187.50	190.40	Py	Vn	Pre													
187.05	187.50	0.45							187.50	190.40	Cb	Vn	Mod													
187.05	187.50	0.45							187.50	190.40	Qz	Vn	Mod													
187.05	187.50	0.45												187.50	190.40	Cp										
187.05	187.50	0.45												187.50	190.40	Py										
187.05	187.50	0.45												187.50	190.40	Py										
187.50	190.40	2.90	Va	GRN	chl alt XT hosting qtz-cal veins at 10 to 30 tca <2cm and modulated w py cubes and cpy stringers																					
187.50	190.40	2.90							187.50	190.40	Py	Vn	Pre													
187.50	190.40	2.90							187.50	190.40	Cb	Vn	Mod													
187.50	190.40	2.90							187.50	190.40	Qz	Vn	Mod													
187.50	190.40	2.90												187.50	190.40	Cp										
187.50	190.40	2.90												187.50	190.40	Py										
187.50	190.40	2.90												187.50	190.40	Py										
187.50	190.40	2.90																	187.50	190.40	Frc	45				
190.40	190.75	0.35	QV		qtz veins <2cm at 70 tca w/ py stringers																					
190.40	190.75	0.35							190.40	190.75	Qz	Vn	Int													
190.40	190.75	0.35							190.40	190.75	Py	Vn	Int													
190.75	194.10	3.35	Va	BLE	XT w/ qtz-cal veins at low angles tca, some w/ py cubes, diss py																					
190.75	194.10	3.35							190.75	194.10	Cb	Vn	Pre													
190.75	194.10	3.35							190.75	194.10	Py	Vn	Pre													
190.75	194.10	3.35												190.75	194.10	Py										
190.75	194.10	3.35																	190.75	194.10	Frc	30				

Lithology							Alteration				Mineralization				Structure								
From	To	Len	Rk	Typ	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
194.10	196.70	2.60		XT	MAR		siliceous XT w/ intense qtz-cal veining, FF, and stwk																
194.10	196.70	2.60												194.10	196.70	Cb	Vn	Int					
194.10	196.70	2.60																	194.10	196.70	Frc	60	
196.70	200.30	3.60		Va	GRN		chl alt LT w/ qtz-cal veins <3cm at 20 to 30 tca																
196.70	200.30	3.60												196.70	200.30	Chl	Perv	Int					
196.70	200.30	3.60												196.70	200.30	Cb	Perv	Pre					
200.30	201.00	0.70		LT	MAR		siliceous LT, lapilli <3cm																
200.30	201.00	0.70												200.30	201.00	Cb	Vn	Wk					
201.00	0.00	# #####																					



Dome Mountain Project Database

Hole Number: DM-16-110

Drill Hole Log

Grid-X: 653,444.95

Brg: 8.80

Ovb: 3.00

Surveyor: JH-GPS-RTK

Grid-Y: 6,068,824.89

Dip: -45.60

Casing: 3.00

Survey Date: 27-Sep-16

Grid-Z: 1,316.09

Depth: 177.00

Recover Casing: yes

Core Size: HQ

NTS:

Claim: 0

Area: DOME MOUNTAIN

Drill: Driftwood Diamond Drilling

Drill Dates: 16-Feb-16 to 18-Feb-16

Geologist: Mathias Westphal

Log Dates: 17-Feb-16 to 19-Feb-16

Target:

Comments:

Lithology					Alteration					Mineralization					Structure											
From	To	Len	Rk	Typ	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments			
0.00	3.00	3.00	OB																							
3.00	27.00	24.00	XT	GRN	siliceous XT w/ intercalated AT				3.00	27.00	Cb	Vn	Wk													
3.00	27.00	24.00							3.00	27.00	Oxid	Vn	Pre													
3.00	27.00	24.00																								
3.00	27.00	24.00																								
27.00	29.40	2.40	XT	GRN	int qtz-cal veining, crackle FF, and stwk, qtz veins <1cm at 90 and 20 tca from 28.8 to 29.4m														3.00	27.00	Frc	80				
27.00	29.40	2.40																								
27.00	29.40	2.40							27.00	29.40	Qz	FF	Int													
27.00	29.40	2.40							27.00	29.40	Cb	FF	Int													
27.00	29.40	2.40							27.00	29.40	Cb	FF	Int													
27.00	29.40	2.40							27.00	29.40	Cb	FF	Pre													
27.00	29.40	2.40																	27.00	29.40	Frc	30				
29.40	37.20	7.80	LT	MAR	lapilli <3cm, clasts <5cm, siliceous LT																					
29.40	37.20	7.80							29.40	37.20	Cb	Vn	Wk													
29.40	37.20	7.80																	29.40	37.20	Frc	30				
37.20	43.00	5.80	XT	GRN	siliceous XT, intercalated LT section from 42 to 42.5m w/ clasts <10cm																					
37.20	43.00	5.80							37.20	43.00	Cb	Vn	Wk													
43.00	62.15	19.15	LT	MAR	siliceous welded LT, lapilli <2cm, qtz-cal at 30 tca at 56.2m, some XT sections and section w/ flow texture and bedding																					
43.00	62.15	19.15							43.00	62.15	Cb	FF	Wk													
43.00	62.15	19.15																	43.00	62.15	Frc	60				

Lithology							Alteration					Mineralization					Structure								
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments		
62.15	64.05	1.90	XT	GRN	siliceous XT							62.15 64.05 Cb Vn Wk					62.15 64.05 Frc 20								
62.15	64.05	1.90										64.05 67.80 Cb Vn Wk					64.05 67.80 Frc 60								
62.15	64.05	1.90										67.80 68.80 Cb Perv Pre					67.80 68.80 Frc 60								
64.05	67.80	3.75	LT	MAR	siliceous LT, lapilli <1cm							67.80 68.80 Chl Perv Pre													
64.05	67.80	3.75																							
64.05	67.80	3.75																							
67.80	68.80	1.00	XT	GRN	chl alt																				
67.80	68.80	1.00										67.80 68.80 Cb Perv Pre													
67.80	68.80	1.00																							
67.80	68.80	1.00																							
68.80	70.10	1.30	LT	MAR	siliceous LT, lapilli <3cm, some qtz-cal veins <1cm subparallel tca and 30 tca																				
68.80	70.10	1.30										68.80 70.10 Cb Vn Pre					68.80 70.10 Frc 60								
68.80	70.10	1.30																							
70.10	82.20	12.10	XT	GRN	fractured XT at 30, 60 and subparallel tca																				
70.10	82.20	12.10										70.10 82.20 Cb Vn Wk					70.10 82.20 Frc 60								
70.10	82.20	12.10																							
82.20	92.85	10.65	LT	MAR	siliceous LT w/ qtz-cal veining<1cm at 90 and 0 tca																				
82.20	92.85	10.65										82.20 92.85 Cb Vn Pre					82.20 92.85 Frc 90								
82.20	92.85	10.65																							
92.85	95.60	2.75	FT	BLE	strong ser alt w/ clay in flt gouges, core loss																				
92.85	95.60	2.75										92.85 95.60 Cy Gg													
92.85	95.60	2.75										92.85 95.60 Ser Gg Str					92.85 95.60 Flt								
95.60	102.00	6.40	Va	BLE	ser altered LT and strong ser-clay altered AT w/ diss py and thin py veins																				
95.60	102.00	6.40										95.60 102.00 Ser Perv Str					95.60 0.00 Frc 60								
95.60	0.00	-95.60																							
102.00	105.10	3.10	LT	M-G	maroon LT w/ intercalated green AT, both siliceous							102.00 105.10 Cb Vn Pre					102.00 105.10 Frc 80								
102.00	105.10	3.10																							
105.10	110.20	5.10	Va	M-G	int qtz-cal veining and FF forming stwk, qtz-cal veins <4cm at 80 tca w/ ep alt							105.10 110.20 Cb FF Int													
105.10	110.20	5.10																							

Lithology						Alteration				Mineralization				Structure								
From	To	Len	Rk	Type	Minor Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
105.10	110.20	5.10																				
105.10	110.20	5.10																				
105.10	110.20	5.10																				
110.20	110.60	0.40	FT	GRY		gray clay w/ some chl																
110.20	110.60	0.40																				
110.20	110.60	0.40																				
110.20	110.60	0.40																				
110.60	119.00	8.40	Vas	GRY		strong qtz-cal FF and veining, <10cm at 80 tca at 114.6m, veins <2cm at 45 and 0 tca, some bands of ep alt w/ hem alt																
110.60	119.00	8.40																				
110.60	119.00	8.40																				
110.60	119.00	8.40																				
119.00	149.60	30.60	XT	M-G		some chl alt in maroon siliceous XT w/ qtz-cal veining <1cm at 30 to 0 tca																
119.00	149.60	30.60																				
119.00	149.60	30.60																				
119.00	149.60	30.60																				
149.60	156.75	7.15	Va	GRN		chl alt and bleaching w/ diss py and qtz-cal-py veins <2cm at 10 to 30 tca, int crackle fillings																
149.60	156.75	7.15																				
149.60	156.75	7.15																				
149.60	156.75	7.15																				
149.60	156.75	7.15																				
149.60	156.75	7.15																				
149.60	156.75	7.15																				
156.75	157.30	0.55	QV	BLE		qtz-cal veins at 60 tca and stringers w/ py stringers and diss py cubes																
156.75	157.30	0.55																				
156.75	157.30	0.55																				
156.75	157.30	0.55																				
156.75	157.30	0.55																				

Lithology							Alteration				Mineralization				Structure							
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
157.30	158.21	0.91	Va	BLE	strong bleaching w/ diss py			157.30	158.21	Py	Perv	Mod										
157.30	158.21	0.91						157.30	158.21	Blch	Perv	Str										
157.30	158.21	0.91											157.30	158.21	Py							
157.30	158.21	0.91																157.30	158.21	Frc	80	
158.21	160.70	2.49	Va	BLE	mod bleaching of green XT w/ some py diss			158.21	160.70	Blch	Perv	Mod										
158.21	160.70	2.49						158.21	160.70	Py	Perv	Pre										
158.21	160.70	2.49											158.21	160.70	Py							
158.21	160.70	2.49																158.21	160.70	Frc	60	
160.70	163.60	2.90	LT	MAR	siliceous LT w/ int qtz-cal crackle FF and some veining, lapilli <2cm																	
160.70	163.60	2.90						160.70	163.60	Cb	FF	Int										
160.70	163.60	2.90																160.70	163.60	Frc	60	
163.60	168.00	4.40	Va	GRN	chl alt w/ qtz-cal-py veins<1cm, qtz-cal-py stringers <10cm at 45 tca at 167.7m																	
163.60	168.00	4.40						163.60	168.00	Cb	FF	Mod										
163.60	168.00	4.40						163.60	168.00	Qz	FF	Pre										
163.60	168.00	4.40						163.60	168.00	Py	FF	Pre										
163.60	168.00	4.40											163.60	168.00	Py							
163.60	168.00	4.40																163.60	168.00	Frc	60	
168.00	174.45	6.45	XT	GRY	dark gray siliceous and brecciated XT w/ qtz-cal healed crackles and ser-chl alt qtz-cal veins 0 to 20 tca causing fractures																	
168.00	174.45	6.45						168.00	174.45	Ser	FF	Int										
168.00	174.45	6.45						168.00	174.45	Chl	FF	Int										
168.00	174.45	6.45						168.00	174.45	Cb	FF	Int										
168.00	174.45	6.45																168.00	174.45	Frc	45	
174.45	174.75	0.30	FT	GRY	clay w/ chl FF			174.45	174.75	Chl	Gg	Pre										
174.45	174.75	0.30						174.45	174.75	Cy	Gg	Int										
174.45	174.75	0.30																174.45	174.75	Flt	80	
174.75	177.00	2.25	XT	GRY	dark gray siliceous and brecciated XT w/ qtz-cal healed crackles																	

Lithology						Alteration				Mineralization				Structure								
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
174.75	177.00	2.25						174.75	177.00	Cb	FF	Int										



Dome Mountain Project Database

Hole Number: DM-16-111

Drill Hole Log

Grid-X: 653,378.63

Brg: 354.30

3.50

Surveyor: JH-GPS-RTK

Drill: Driftwood Diamond Drilling

Grid-Y: 6,068,787.61

Dip: -56.10

Casing:

Survey Date: 27-Sep-16

Drill Dates: 18-Feb-16 to 21-Feb-16

Grid-Z: 1,317.34

Depth: 240.

Casing: yes

Geologist: Mathias Westphal

NTS:

Comments:

Lithology						Alteration				Mineralization				Structure															
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments						
0.00	3.50	3.50	OB																										
3.50	6.90	3.40	LT	GRN lapilli <1cm, limonite FF						3.50	6.90	Cb	Vn	Wk															
3.50	6.90	3.40							3.50	6.90	Oxid	Vn	Int																
3.50	6.90	3.40																											
3.50	6.90	3.40																											
6.90	7.60	0.70	Va	BLE bleached maroon LT						6.90	7.60	Blch	Pch	Mod															
6.90	7.60	0.70							6.90	7.60	Oxid	Pch	Int																
6.90	7.60	0.70																											
6.90	7.60	0.70																											
7.60	10.40	2.80	Va	BLE beige AT w/ diss py						7.60	10.40	Py	Perv	Mod															
7.60	10.40	2.80							7.60	10.40	Oxid	Perv	Int																
7.60	10.40	2.80							7.60	10.40	Blch	Perv	Int																
7.60	10.40	2.80																											
7.60	10.40	2.80																											
10.40	12.75	2.35	XT	G-G siliceous XT w/ limonite FF						10.40	12.75	Oxid	FF	Int															
10.40	12.75	2.35																											
10.40	12.75	2.35																											
12.75	16.40	3.65	Va	GRN patchy bleached green XT, qtz-cal vein <2cm subparallel tca and w/ cpy <3mm at 13.3m																									
12.75	16.40	3.65							12.75	16.40	Qz	Pch	Int																
12.75	16.40	3.65							12.75	16.40	Cb	Pch	Int																
12.75	16.40	3.65							12.75	16.40	Blch	Pch	Mod																
12.75	16.40	3.65																											
12.75	16.40	3.65																											
12.75	16.40	3.65																											
12.75	16.40	3.65																											
12.75	16.40	3.65																											
12.75	16.40	3.65																											
12.75	16.40	3.65																											
12.75	16.40	3.65																											
12.75	16.40	3.65																											
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12.75	16.40	3.65																											
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12.75	16.40	3.65																											
12.75	16.40	3.65																											
12.75	16.40	3.65																											
12.75	16.40	3.65																											
12.75	16.40	3.65																											
12.75	16.40	3.65																											
12.75	16.40	3.65																											
12.75	16.40	3.65																											

Lithology							Alteration					Mineralization					Structure															
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments									
16.40	22.95	6.55	LT	G-M	lapilli <2cm, clasts <8cm, limonite FF present to 21.8m																											
16.40	22.95	6.55										16.40	22.95	Oxid	Vn	Pre																
16.40	22.95	6.55										16.40	22.95	Cb	Vn	Pre																
16.40	22.95	6.55																	16.40	22.95	Frc	80										
22.95	27.30	4.35	Va	G-G	bleached XT w/ intercalated maroon and grey AT <30cm, diss py and <1mm py FF																											
22.95	27.30	4.35										22.95	27.30	Blch	Pch	Mod																
22.95	27.30	4.35										22.95	27.30	Py	Pch	Pre																
22.95	27.30	4.35										22.95	27.30	Cb	Pch	Pre																
22.95	27.30	4.35																	22.95	27.30	Frc	80										
27.30	30.60	3.30	Va	BLE	white ser alt LT w/ diss py, qtz-cal veins <1cm w/ py stringers at 30 tca at 30.4m																											
27.30	30.60	3.30										27.30	30.60	Blch	Perv	Int																
27.30	30.60	3.30										27.30	30.60	Py	Perv	Mod																
27.30	30.60	3.30										27.30	30.60	Ser	Perv	Str																
27.30	30.60	3.30																	27.30	30.60	Frc	80										
30.60	32.00	1.40	LT	MAR	siliceous maroon LT, lapilli <2cm																											
30.60	32.00	1.40										30.60	32.00	Cb	Vn	Wk																
30.60	32.00	1.40																	30.60	32.00	Frc	80										
32.00	34.50	2.50	LT	GRN	chl alt LT w/ qtz-cal veins <2cm at 45 tca w/ py																											
32.00	34.50	2.50										32.00	34.50	Cb	Perv	Pre																
32.00	34.50	2.50										32.00	34.50	Chl	Perv	Mod																
32.00	34.50	2.50																	32.00	34.50	Py	in qtz-cal <2cm at 45 tca										
32.00	34.50	2.50																	32.00	34.50	Frc	80										
34.50	39.80	5.30	LT	MAR	siliceous LT w/ qtz-cal crackle FF and some veins <5mm at 60 and 20 tca, lapilli <3cm																											
34.50	39.80	5.30										34.50	39.80	Cb	FF	Int																
34.50	39.80	5.30																	34.50	39.80	Frc	80										
39.80	40.10	0.30	XT	GRN	green XT w/ diss py and qtz-cal veins <1cm w/ py														39.80	40.10	Py	Vn	Pre									

Lithology							Alteration					Mineralization					Structure								
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments		
39.80	40.10	0.30							39.80	40.10	Cb	Vn	Pre												
39.80	40.10	0.30												39.80	40.10	Py									
40.10	47.95	7.85	LT	MAR	siliceous LT, lapilli <3cm				40.10	47.95	Cb	Vn	Wk								40.10	47.95	Frc	90	
40.10	47.95	7.85																							
40.10	47.95	7.85																							
47.95	51.00	3.05	LT	MAR	siliceous LT w/ intense qtz-cal veining <5cm and FF																				
47.95	51.00	3.05												47.95	51.00	Qz	Vn	Int							
47.95	51.00	3.05												47.95	51.00	Cb	Vn	Mod							
47.95	51.00	3.05												47.95	51.00	Cb	Vn	Int							
47.95	51.00	3.05																							
51.00	58.80	7.80	LT	MAR	siliceous LT, lapilli <2cm				51.00	58.80	Cb	Vn	Wk								47.95	51.00	Frc	90	
51.00	58.80	7.80																							
51.00	58.80	7.80																							
58.80	64.20	5.40	LT	MAR	int qtz-cal veining <3cm at 45 and ondulated																				
58.80	64.20	5.40												58.80	64.20	Qz	Vn	Int							
58.80	64.20	5.40												58.80	64.20	Cb	Vn	Int							
58.80	64.20	5.40																							
64.20	65.30	1.10	XT	G-M	chl alt maroon XT				64.20	65.30	Chl	Pch	Mod								58.80	64.20	Frc	80	
64.20	65.30	1.10																							
64.20	65.30	1.10																							
65.30	68.52	3.22	XT	MAR	intercalated AT and bedded flow tecture and some LT, qtz-cal vein <2cm at 30 tca at 67.7m																				
65.30	68.52	3.22												65.30	68.52	Cb	Vn	Mod							
65.30	68.52	3.22																							
68.52	69.42	0.90	QV	GRN	five QV 2 to 15cm at 80, 45, and 30 tca hosted by green maroon AT																				
68.52	69.42	0.90												68.52	69.42	Qz	Vn	Int							
68.52	69.42	0.90												68.52	69.42	Cb	Vn	Int							
68.52	69.42	0.90																							
69.42	72.70	3.28	XT	MAR	XT shows intense qtz-cal breccia healing and veining <1cm at 30 tca																				
69.42	72.70	3.28												69.42	72.70	Cb	FF	Str							
69.42	72.70	3.28												69.42	72.70	Qz	FF	Str							
69.42	72.70	3.28																							
72.70	74.30	1.60	XT	GRN	ep and hem alt XT																				

Lithology						Alteration				Mineralization				Structure									
From	To	Len	Rk	Type	Minor Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
72.70	74.30	1.60																					
72.70	74.30	1.60																					
72.70	74.30	1.60																					
74.30	78.40	4.10	XT	MAR		siliceous XT, qtz-cal replacing plag, mafic xtals w/ chl rim, qtz-cal FF																72.70	74.30 Frc 80
74.30	78.40	4.10																					
74.30	78.40	4.10																					
74.30	78.40	4.10																					
74.30	78.40	4.10																					
78.40	79.30	0.90	XT	GRN		ep and hem alt XT, chl rims on mafic xtals																74.30	78.40 Frc 45
78.40	79.30	0.90																					
78.40	79.30	0.90																					
78.40	79.30	0.90																					
79.30	82.40	3.10	XT	M-G		maroon XT w/ bands of ep alt, intense qtz-cal FF																	
79.30	82.40	3.10																					
79.30	82.40	3.10																					
82.40	86.00	3.60	XT	MAR		intercalated AT and bedded flow texture sections, siliceous w/ qtz-cal plag replacement and pres veining																79.30	82.40 Frc 90
82.40	86.00	3.60																					
82.40	86.00	3.60																					
86.00	87.00	1.00	XT	GRN		reworked and folded XT w/ prop alt and qtz-cal veining at 30 tca																82.40	86.00 Frc 80
86.00	87.00	1.00																					
86.00	87.00	1.00																					
86.00	87.00	1.00																				86.00	87.00 Frc 30
87.00	90.26	3.26	XT	MAR		sections of int qtz-cal plag replacement and some flow texture sections, qtz-cal <1cm at 30 tca																	
87.00	90.26	3.26																					
87.00	90.26	3.26																				87.00	90.26 Frc 45

Lithology						Alteration				Mineralization				Structure								
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
90.26	91.26	1.00	Va	BLE	intense qtz-cal veining <5cm at 30 tca w/ bleaching of green XT host																	
90.26	91.26	1.00						90.26	91.26	Qz	Perv	Str										
90.26	91.26	1.00						90.26	91.26	Blch	Perv	Int										
90.26	91.26	1.00						90.26	91.26	Cb	Perv	Str										
90.26	91.26	1.00																90.26	91.26	Frc	60	
91.26	96.95	5.69	Va	MAR	bleached XT w/ intense qtz-cal veining <4cm at 80, 30 and subparallel tca, remnants of py and malachite on qtz veins																	
91.26	96.95	5.69						91.26	96.95	Oxid	Perv	Int										
91.26	96.95	5.69						91.26	96.95	Blch	Perv	Mod										
91.26	96.95	5.69						91.26	96.95	Qz	Perv	Str										
91.26	96.95	5.69						91.26	96.95	Cb	Perv	Str										
91.26	96.95	5.69																91.26	96.95	Mag		
91.26	96.95	5.69																91.26	96.95	Py		
91.26	96.95	5.69																				
96.95	97.50	0.55	Va	BLE	int ser alt, hem replacing diss py, remnants of py present, qtz-cal <5mm at 30 tca																	
96.95	0.00	-96.95						96.95	0.00	Ser	Perv	Int										
96.95	0.00	-96.95						96.95	0.00	Blch	Perv	Int										
96.95	0.00	-96.95						96.95	0.00	Cb	Perv	Pre										
96.95	0.00	-96.95						96.95	0.00	He	Perv	Int										
96.95	97.50	0.55																96.95	97.50	Py		
96.95	97.50	0.55																				
97.50	97.60	0.10	QV	massive qtz vein <1cm w/ FG py																		
97.50	97.60	0.10						97.50	97.60	Qz	Vn	Str										
97.50	97.60	0.10																97.50	97.60	Py		
97.50	97.60	0.10																				
97.60	99.00	1.40	FT	GRY	strong ser alt and clay in flt gouge, diss py, core loss 50cm in flt																	
97.60	99.00	1.40						97.60	99.00	Ser	Perv	Str										
97.60	99.00	1.40						97.60	99.00	Cy	Perv	Str										
97.60	99.00	1.40																97.60	99.00	Py		
99.00	100.07	1.07	Va	BLE	bleached XT below the flt																	
99.00	100.07	1.07						99.00	100.07	Blch	Perv	Int										
99.00	100.07	1.07						99.00	100.07	Ser	Perv	Int										

Lithology						Alteration				Mineralization				Structure												
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments			
99.00	100.07	1.07																		99.00	100.07	Frc	80			
100.07	101.92	1.85	XT	BLE	bleached maroon XT, siliceous w/ some qtz-cal veining at 80 and 30 tca																					
100.07	101.92	1.85											100.07	101.92	Ser	Perv	Pre									
100.07	101.92	1.85											100.07	101.92	Blch	Perv	Pre									
100.07	101.92	1.85											100.07	101.92	Cb	Perv	Mod									
101.92	107.20	5.28	Va	BLE	int ser alt and bleaching, strong ser alt from 106 to 106.5m, diss py cubes, cubes in <5mm qtz-cal veins at 30 tca and folded at 80 tca, and thin py stringers																					
101.92	107.20	5.28											101.92	107.20	Cb	Perv	Mod									
101.92	107.20	5.28											101.92	107.20	Ser	Perv	Int									
101.92	107.20	5.28											101.92	107.20	Blch	Perv	Int									
101.92	107.20	5.28											101.92	107.20	Py											
101.92	107.20	5.28											101.92	107.20	Frc		80									
107.20	121.75	14.55	XT	MAR	siliceous XT w/ qtz-cal veins <1.5cm at 80 tca, some at 30 and 0 tca, minor FF																					
107.20	121.75	14.55											107.20	121.75	Cb	Vn	Mod									
107.20	121.75	14.55											107.20	121.75	Frc		80									
121.75	123.50	1.75	XT	GRN	green XT w/ qtz-cal veins <2cm subparallel tca w/ py cubes <1mm partially replaced by hem, vuggy cal veins																					
121.75	123.50	1.75											121.75	123.50	Cb	Vn	Int									
121.75	123.50	1.75											121.75	123.50	Py											
123.50	124.20	0.70	AT	MAR	brecciated AT w/ qtz-cal healing																					
123.50	124.20	0.70											123.50	124.20	Cb	FF	Int									
124.20	125.60	1.40	XT	GRN	w/ some vuggy qtz-cal veins <5mm at 30 tca, some at lower angles																					
124.20	125.60	1.40											124.20	125.60	Cb	Vn	Pre									
124.20	125.60	1.40											124.20	125.60	Frc		80									
125.60	127.00	1.40	LT	MAR	w/ chl alt lapilli and clasts <5cm																					
125.60	127.00	1.40											125.60	127.00	Chl	Pch	Pre									
125.60	127.00	1.40											125.60	127.00	Frc		45									

Lithology							Alteration				Mineralization				Structure							
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
127.00	135.12	8.12	XT	GRN	siliceous	XT w/ some vuggy qtz-cal veins <5mm at 30 tca, some at lower angles																
127.00	135.12	8.12						127.00	135.12	Cb	Vn	Mod						127.00	135.12	Frc	80	
127.00	135.12	8.12																				
135.12	145.60	10.48	XT	GRN	siliceous	XT w/ int qtz-cal veining <1cm at low angles w/ py spots and patches <1cm, qtz-cal vein <2cm at 10 tca at 143.3m w/ py and cpy spots and patches <1cm, int diss py																
135.12	145.60	10.48						135.12	145.60	Cb	Vn	Int										
135.12	145.60	10.48						135.12	145.60	Py	Vn	Int										
135.12	145.60	10.48						135.12	145.60	Qz	Vn	Int										
135.12	145.60	10.48											135.12	145.60	Py							
135.12	145.60	10.48											135.12	145.60	Cp							
135.12	145.60	10.48																135.12	145.60	Frc	80	
145.60	154.88	9.28	XT	GRN	siliceous	XT w/ some vuggy qtz-cal veining at low angles and subparallel tca, wk py diss																
145.60	154.88	9.28						145.60	154.88	Cb	Vn	Pre										
145.60	154.88	9.28						145.60	154.88	Py												
145.60	154.88	9.28																145.60	154.88	Fol	60	
154.88	157.60	2.72	LT	GRN	lapilli	<3cm, clasts <5cm, int diss py, siliceous and strongly welded																
154.88	157.60	2.72						154.88	157.60	Py	Vn	Str										
154.88	157.60	2.72						154.88	157.60	Cb	Vn	Pre										
154.88	157.60	2.72											154.88	157.60	Py							
154.88	157.60	2.72																154.88	157.60	Frc	45	
157.60	163.50	5.90	XT	GRN	siliceous	XT hosting qtz-cal veins w/ py patches <1cm folded at 158.3m and at 161.7m, int diss py																
157.60	163.50	5.90						157.60	163.50	Py	Vn	Pre										
157.60	163.50	5.90						157.60	163.50	Cb	Vn	Pre										
157.60	163.50	5.90											157.60	163.50	Py							
157.60	163.50	5.90																pres in two veins				
163.50	165.30	1.80	AT	MAR	siliceous	AT w/ qtz-cal FF												157.60	163.50	Frc	60	
163.50	165.30	1.80						163.50	165.30	Cb	FF	Mod										
163.50	165.30	1.80																163.50	165.30	Frc	80	

Lithology						Alteration				Mineralization				Structure								
From	To	Len	Rk	Type	Minor Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
165.30	168.60	3.30	Va	BLE		alt zone w/ bleaching, chl alt, and int ser alt, int diss py and stringers, qtz-cal vein w/ cpy <1cm at 30 tca at 168.1m																
165.30	168.60	3.30						165.30	168.60	Py	Perv	Int										
165.30	168.60	3.30						165.30	168.60	Ser	Perv	Str										
165.30	168.60	3.30						165.30	168.60	Chl	Perv	Pre										
165.30	168.60	3.30						165.30	168.60	Blch	Perv	Int										
165.30	168.60	3.30											165.30	168.60	Py		strong					
165.30	168.60	3.30											165.30	168.60	Cp		present in one vein					
165.30	168.60	3.30																165.30	168.60	Frc	80	
168.60	170.65	2.05	XT	MAR		siliceous XT w/ diss py																
168.60	170.65	2.05						168.60	170.65	Cb	Vn	Pre										
168.60	170.65	2.05						168.60	170.65	Py	Vn	Pre										
168.60	170.65	2.05											168.60	170.65	Py		pres					
168.60	170.65	2.05																168.60	170.65	Frc	80	
170.65	174.55	3.90	Va	BLE		bleached and ser alt green XT, qtz stringers w/ py																
170.65	174.55	3.90						170.65	174.55	Py	Perv	Pre										
170.65	174.55	3.90						170.65	174.55	Ser	Perv	Pre										
170.65	174.55	3.90						170.65	174.55	Cb	Perv	Pre										
170.65	174.55	3.90						170.65	174.55	Blch	Perv	Mod										
170.65	174.55	3.90											170.65	174.55	Py		some, w/ qtz-cal stringers					
170.65	174.55	3.90																170.65	174.55	Frc	80	
174.55	177.05	2.50	LT	MAR		fiamme, high porosity sections w/ ser alt, intercalated green XT <20cm at bottom of unit																
174.55	177.05	2.50																				
174.55	177.05	2.50						174.55	177.05	Ser	Bn	Mod										
177.05	197.55	20.50	XT	MAR		siliceous and strongly welded, qtz-cal veins >2cm at 20 tca and subparallel tca, minor FF <1mm																
177.05	197.55	20.50						177.05	197.55	Cb	Vn	Pre										
197.55	198.25	0.70	Va	GRN		chl alteration w/ qtz veins <2cm at 80 tca																
197.55	198.25	0.70						197.55	198.25	Chl	Perv	Int										
197.55	198.25	0.70						197.55	198.25	Cb	Perv	Int										

Lithology						Alteration				Mineralization				Structure									
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
197.55	198.25	0.70					197.55 198.25 Qz Perv Int											197.55	198.25	Frc	80		
197.55	198.25	0.70																198.25	210.60	Frc	60		
198.25	210.60	12.35	XT	MAR	siliceous XT w/ int crackle FF and stwk		198.25 210.60 Cb FF Int											198.25	210.60	Frc	60		
198.25	210.60	12.35																198.25	210.60	Frc	60		
210.60	213.65	3.05	Va	BLE	maroon XT w/ qtz-cal veins and stringers w/ some py stringers		210.60 213.65 Cb Perv Mod											210.60	213.65	Py	some		
210.60	213.65	3.05					210.60 213.65 Qz Perv Mod											210.60	213.65	Py	int		
210.60	213.65	3.05					210.60 213.65 Blch Perv Mod											213.65	214.85	Flt	20		
210.60	213.65	3.05																213.65	214.85	Flt	20		
213.65	214.85	1.20	Vas	BLE	bleached XT w/ diss py and py veinlets, qtz and py stringers		213.65 214.85 Blch Perv Int											213.65	214.85	Qz	Perv Int		
213.65	214.85	1.20					213.65 214.85 Py Perv Int											213.65	214.85	Py	int		
213.65	214.85	1.20					213.65 214.85 Cb Perv Int											213.65	214.85	Py	int		
213.65	214.85	1.20																213.65	214.85	Py	int		
213.65	214.85	1.20																213.65	214.85	Py	int		
213.65	214.85	1.20																213.65	214.85	Py	int		
214.85	215.22	0.37	QV	BLE	qtz-cal veins <2cm at 20 to 30 tca w/ py cubes <3mm, py stringers and py linings on qtz veins		214.85 215.22 Py Vn Int											214.85	215.22	Qz	Vn Int		
214.85	215.22	0.37					214.85 215.22 Cb Vn Int											214.85	215.22	Py	int		
214.85	215.22	0.37																214.85	215.22	Py	int		
214.85	215.22	0.37																214.85	215.22	Py	int		
215.22	216.00	0.78	Va	BLE	foliated XT at 20 tca, chl alt FF w/py		215.22 216.00 Chl Vn Mod											215.22	216.00	Py	pres		
215.22	216.00	0.78					215.22 216.00 Py Vn Pre											215.22	216.00	Py	pres		
215.22	216.00	0.78					215.22 216.00 Cb Vn Pre											215.22	216.00	Fol	20		
215.22	216.00	0.78																215.22	216.00	Fol	20		
216.00	226.65	10.65	XT	MAR	ser alt XT w/ qtz-cal FF and some qtz-cal veining <1cm at 30 tca and subparallel tca		216.00 226.65 Ser Phno Mod											216.00	226.65	Py	pres		
216.00	226.65	10.65					216.00 226.65 Cb Phno Pre											216.00	226.65	Py	pres		
216.00	226.65	10.65																216.00	226.65	Py	pres		

Lithology						Alteration				Mineralization				Structure								
From	To	Len	Rk	Type	Minor Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
216.00	226.65	10.65															216.00	226.65	Frc	60		
226.65	228.65	2.00	LT	MAR		lapilli <1cm, clasts <4cm, qtz-cal veins <1cm at 30 tca											226.65	228.65	Frc	60		
226.65	228.65	2.00										226.65	228.65	Cb	FF	Mod						
226.65	228.65	2.00															226.65	228.65	Frc	60		
228.65	229.95	1.30	Va	BLE		bleached XT w/ qtz-cal veins <2cm at 45 tca and qtz-cal FF																
228.65	229.95	1.30										228.65	229.95	Qz	Vn	Mod						
228.65	229.95	1.30										228.65	229.95	Cb	Vn	Int						
228.65	229.95	1.30															228.65	229.95	Frc	45		
228.65	229.95	1.30																				
229.95	230.20	0.25	QV			QV <3cm w/ py spots <3mm at 30 tca																
229.95	230.20	0.25										229.95	230.20	Qz	Vn	Mod						
229.95	230.20	0.25										229.95	230.20	Py	Vn	Int						
229.95	230.20	0.25															229.95	230.20	Py	<3mm in 3cm QV at 30 tca		
229.95	230.20	0.25															229.95	230.20	Cn	30		
230.20	231.90	1.70	Va	BLE		bleached green-maroon XT w/ qtz-cal vein <3cm at 30 tca at 231.1m and <15cm at 30 tca at 231.7m																
230.20	231.90	1.70										230.20	231.90	Cb	Perv	Int						
230.20	231.90	1.70										230.20	231.90	Qz	Perv	Mod						
230.20	231.90	1.70										230.20	231.90	Blch	Perv	Mod						
231.90	232.50	0.60	XT	GRN		ser FF at 30 to 45 tca																
231.90	232.50	0.60										231.90	232.50	Ser	FF	Int						
231.90	232.50	0.60															231.90	232.50	Frc	45		
232.50	234.10	1.60	FT	GRY		ser and clay alt, core loss 1m due to fines at end of the tube																
232.50	234.10	1.60										232.50	234.10	Cy	Perv	Str						
232.50	234.10	1.60										232.50	234.10	Ser	Perv	Str						
232.50	234.10	1.60															232.50	234.10	Flt	45		
234.10	236.00	1.90	LT	MAR		siliceous LT, lapilli <1cm																
234.10	236.00	1.90										234.10	236.00	Cb	FF	Int						
234.10	236.00	1.90															234.10	236.00	Frc	90		
236.00	240.00	4.00	XT	M-G		intercalated AT at top of unit and as <1cm layers at 30 tca together w/ qtz-cal veins <1cm																

Lithology						Alteration				Mineralization				Structure								
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
236.00	240.00	4.00						236.00	240.00	Cb	FF	Mod						236.00	240.00	Frc	60	
236.00	240.00	4.00																				



Dome Mountain Project Database

Hole Number: DM-16-112

Drill Hole Log

Grid-X:	653,521.62	Brg:	0.00	Ovb:	3.50	Surveyor:	JH-GPS-RTK	Drill:	Driftwood Diamond Drilling
Grid-Y:	6,068,809.42	Dip:	-64.00	Casing:	3.00	Survey Date:	29-Jul-16	Drill Dates:	21-Feb-16 to 23-Feb-16
Grid-Z:	1,286.16	Depth:	225.00	Recover Casing:	yes	Core Size:	HQ	Geologist:	Mathias Westphal
NTS:		Claim:	0	Area:	DOME MOUNTAIN			Log Dates:	22-Feb-16 to 24-Feb-16
Target:						Comments:			

Lithology					Alteration				Mineralization				Structure										
From	To	Len	Rk	Typ	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
0.00	3.50	3.50	OB																				
3.50	8.80	5.30	AT	GRY			limonite alt in oxidation zone	3.50	8.80	Oxid	Perv	Int						3.50	8.80	Frc	90		
3.50	8.80	5.30																					
3.50	8.80	5.30																					
8.80	21.10	12.30	XT	GRN			intercalated gray-beige AT <20cm	8.80	21.10	Oxid	FF	Mod						8.80	21.10	Frc	80		
8.80	21.10	12.30																					
8.80	21.10	12.30																					
21.10	62.90	41.80	LT	GRN			siliceous LT, Lapilli < 2cm, clasts <10cm at 22.8m, intercalated some XT <1m, limonite FF pres down to 58m, beige AT <1cm at 60 tca w/ diss py at 60.5m and at bottom as contact fracture zone to LT below																
21.10	62.90	41.80						21.10	62.90	Cb	Vn	Mod											
21.10	62.90	41.80						21.10	62.90	Oxid	Vn	Pre		21.10	62.90	Py		in two <10cm AT at bottom of the unit					
21.10	62.90	41.80																					
62.90	66.20	3.30	LT	MAR			lapilli <2cm, some ser alt and some crackle FF w/ qtz-cal											21.10	62.90	Frc	80		
62.90	66.20	3.30																					
62.90	66.20	3.30						62.90	66.20	Cb	FF	Wk											
62.90	66.20	3.30						62.90	66.20	Ser	FF	Wk											
62.90	66.20	3.30																62.90	66.20	Frc	80		

Lithology							Alteration					Mineralization					Structure															
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments									
66.20	68.25	2.05	XT	MAR	siliceous XT w/ intercalated AT, qtz-cal FF at 67.2m																											
66.20	68.25	2.05										66.20	68.25	Cb	FF	Wk								66.20	68.25	Frc	15	w/ qtz-cal FF				
66.20	68.25	2.05																														
68.25	69.00	0.75	FT	MAR	ser and clay alt in flt w/ core loss due to crushed and altered material at end of the tube							68.25	69.00	Ser	Perv	Int								68.25	69.00	Flt						
68.25	69.00	0.75										68.25	69.00	Cy	Perv	Int								68.25	69.00	Flt						
68.25	69.00	0.75																														
69.00	70.40	1.40	LT	MAR	ser alt of qtz-cal FF, less welded LT																											
69.00	70.40	1.40										69.00	70.40	Ser	FF	Int								69.00	70.40	Frc	60					
69.00	70.40	1.40										69.00	70.40	Cb	FF	Int								69.00	70.40	Frc	60					
69.00	70.40	1.40																														
70.40	70.90	0.50	FT	MAR	w/ core loss							70.40	70.90	Chl	Perv	Int								70.40	70.90	Frc	30					
70.40	70.90	0.50										70.40	70.90	Cy	Perv	Int								70.40	70.90	Flt						
70.40	70.90	0.50										70.40	70.90	Ser	Perv	Int								70.40	70.90	Flt						
70.40	70.90	0.50																														
70.40	70.90	0.50																														
70.90	74.60	3.70	LT	MAR	less welded LT, lapilli <3cm							70.90	74.60	Ser	Perv	Pre								70.90	74.60	Frc	60					
70.90	74.60	3.70																														
70.90	74.60	3.70																														
74.60	74.90	0.30	Va	BLE	bleached green AT w/ diss py and ga																											
74.60	74.90	0.30										74.60	74.90	Ser	Perv	Int																
74.60	74.90	0.30										74.60	74.90	Blch	Perv	Int																
74.60	74.90	0.30										74.60	74.90	Py	Perv	Int																
74.60	74.90	0.30																														
74.60	74.90	0.30																														
74.90	75.40	0.50	QV	BLE	three qtz-cal veins <10cm at 30 tca w/ cubes of py and ga, host AT w/ py stringers at 30 tca																											
74.90	75.40	0.50										74.90	75.40	Py	Vn	Int																
74.90	75.40	0.50										74.90	75.40	Cb	Vn	Int																
74.90	75.40	0.50										74.90	75.40	Qz	Vn	Int																

Lithology						Alteration				Mineralization				Structure									
From	To	Len	Rk	Type	Minor Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
74.90	75.40	0.50											74.90	75.40	Gn		int						
74.90	75.40	0.50											74.90	75.40	Py		int						
74.90	75.40	0.50																74.90	75.40	Cn	30		
75.40	76.05	0.65	Va	BLE		green alt AT w/ diss py cubes, qtz-cal vein <1.5cm at 60 tca loaded w/ py and ga cubes at 76.6m																	
75.40	76.05	0.65						75.40	76.05	Cb	Perv	Pre											
75.40	76.05	0.65						75.40	76.05	Py	Perv	Int											
75.40	76.05	0.65						75.40	76.05	Blch	Perv	Int											
75.40	76.05	0.65											75.40	76.05	Py								
75.40	76.05	0.65											75.40	76.05	Gn		in 1.5cm vein at 60 tca						
75.40	76.05	0.65																75.40	76.05	Cn	45		
76.05	78.80	2.75	LT	MAR		lapilli <1cm, some qtz-cal <1.5cm at 60 and 20 tca																	
76.05	78.80	2.75						76.05	78.80	Cb	FF	Mod											
76.05	78.80	2.75																76.05	78.80	Frc	60		
78.80	85.60	6.80	XT	MAR		int qtz-cal veining <1.5cm at 80, 60, 30, subparallel tca and FF <10cm, ser alt of fsp xtals																	
78.80	85.60	6.80						78.80	85.60	Ser	FF	Int											
78.80	85.60	6.80						78.80	85.60	Cb	FF	Str											
85.60	95.70	10.10	XT	M-G		XT w/ mafic xtals, bands of ep alt and mafic minerals w/ chl rim, qtz-cal replacing plag, qtz vein <5cm at 30 tca at 94m																	
85.60	95.70	10.10						85.60	95.70	Cb	Bn	Int											
85.60	95.70	10.10						85.60	95.70	Qz	Bn	Pre											
85.60	95.70	10.10						85.60	95.70	Ep	Bn	Int											
85.60	95.70	10.10						85.60	95.70	Chl	Bn	Mod											
85.60	95.70	10.10																85.60	95.70	Frc	80		
95.70	97.60	1.90	XT	MAR		siliceous XT w/ int qtz-cal FF and some veining at 30 tca																	
95.70	97.60	1.90						95.70	97.60	Cb	FF	Int											
95.70	97.60	1.90																95.70	97.60	Frc	60		
97.60	110.75	13.15	XT	G-M		prop alt XT w/ mafic xtals showing chl alt, int qtz veining <10cm at 30 tca at 101, 105, and 108.8m																	

Lithology							Alteration				Mineralization				Structure																								
From	To	Len	Rk	Type	Minor	Color	Description			From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments															
97.60	110.75	13.15																																					
97.60	110.75	13.15																			97.60	110.75	Frc	80															
97.60	110.75	13.15																																					
110.75	112.95	2.20	XT	MAR	siliceous XT w/ int qtz-cal FF																																		
110.75	112.95	2.20												110.75	112.95	Cb	FF	Int								110.75	112.95	Frc	60										
110.75	112.95	2.20																																					
112.95	114.35	1.40	Va	GRN	chl alt w/ diss py, veinlets of py and qtz-cal <5cm at 45 tca w/ py and ga																																		
112.95	114.35	1.40												112.95	114.35	Py	Perv	Mod																					
112.95	114.35	1.40												112.95	114.35	Blch	Perv	Mod																					
112.95	114.35	1.40												112.95	114.35	Chl	Perv	Int																					
112.95	114.35	1.40																			112.95	114.35	Py																
112.95	114.35	1.40																			112.95	114.35	Frc	60															
114.35	129.80	15.45	XT	G-M	siliceous XT w/ changing colors due to chl and ser alt, and int qtz-cal veining <1cm parallel tca and some FF																																		
114.35	129.80	15.45												114.35	129.80	Chl	FF	Mod																					
114.35	129.80	15.45												114.35	129.80	Cb	FF	Mod																					
114.35	129.80	15.45	Vas	BLE	bleached green XT w/ qtz-cal veins <10cm at 80 and 20 tca w/ semi massive py, and diss py																																		
129.80	133.95	4.15												129.80	133.95	Qz	Perv	Int																					
129.80	133.95	4.15												129.80	133.95	Blch	Perv	Mod																					
129.80	133.95	4.15												129.80	133.95	Cb	Perv	Mod																					
129.80	133.95	4.15																			129.80	133.95	Py					129.80	133.95	Frc	80								
133.95	136.60	2.65	XT	MAR	siliceous XT w/fsp and mafic xtals																																		
133.95	136.60	2.65												133.95	136.60	Cb	FF	Pre																					
133.95	136.60	2.65																			133.95	136.60	Frc	80															
136.60	143.25	6.65	XT	GRN	siliceous XT w/ qtz-cal veins <1cm subparallel tca																																		
136.60	143.25	6.65												136.60	143.25	Cb	Vn	Int																					
136.60	143.25	6.65																			136.60	143.25	Frc	45															
143.25	160.10	16.85	XT	M-G	chl and ser alt siliceous XT w/ int qtz-cal FF and veining <1cm at 30 and subparallel tca																																		

Lithology							Alteration				Mineralization				Structure							
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
143.25	160.10	16.85						143.25	160.10	Cb	Perv	Int										
143.25	160.10	16.85						143.25	160.10	Chl	Perv	Mod										
143.25	160.10	16.85						143.25	160.10	Ser	Perv	Mod										
143.25	160.10	16.85																143.25	160.10	Frc	60	
160.10	162.40	2.30	Va	BLE	bleached green XT w/ diss py and qtz-cal veins <2cm w/ patches and stringers of py subparallel tca																	
160.10	162.40	2.30						160.10	162.40	Cb	Perv	Int										
160.10	162.40	2.30						160.10	162.40	Py	Perv	Mod										
160.10	162.40	2.30						160.10	162.40	Blch	Perv	Mod										
160.10	162.40	2.30						160.10	162.40	Qz	Perv	Int										
160.10	162.40	2.30											160.10	162.40	Py							
160.10	162.40	2.30																160.10	162.40	Frc	30	
162.40	162.83	0.43	QV	bent QV at 45 at upper contact, 30 tca at lower contact dipping in the oposite direction																		
162.40	162.83	0.43						162.40	162.83	Qz	Vn	Int										
162.40	162.83	0.43						162.40	162.83	Py	Vn	Int										
162.40	162.83	0.43											162.40	162.83	Py							
162.40	162.83	0.43																162.40	162.83	Cn	45	
162.83	164.23	1.40	Va	BLE	bleached green XT hosting stringers of py																	
162.83	164.23	1.40						162.83	164.23	Blch	Perv	Mod										
162.83	164.23	1.40						162.83	164.23	Cb	Perv	Pre										
162.83	164.23	1.40						162.83	164.23	Py	Perv	Mod										
162.83	164.23	1.40											162.83	164.23	Py							
162.83	164.23	1.40																162.83	164.23	Frc	80	
164.23	164.80	0.57	FT	BLE	ser, chl, and clay alt in flt w/ core loss																	
164.23	164.80	0.57						164.23	164.80	Cy	Perv	Int										
164.23	164.80	0.57						164.23	164.80	Ser	Perv	Int										
164.23	164.80	0.57						164.23	164.80	Blch	Perv	Int										
164.23	164.80	0.57						164.23	164.80	Chl	Perv	Mod										
164.23	164.80	0.57																164.23	164.80	Flt	80	
164.80	172.55	7.75	Va	BLE	bleached green XT w/ diss py, py veinlets and stringers																	
164.80	172.55	7.75						164.80	172.55	Py	Perv	Mod										
164.80	172.55	7.75						164.80	172.55	Blch	Perv	Int										

Lithology							Alteration				Mineralization				Structure							
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
164.80	172.55	7.75																				
164.80	172.55	7.75																				
164.80	172.55	7.75																				
164.80	172.55	7.75																				
172.55	173.00	0.45	FT	GRY	ser-chl-clay alt in flt w/ core loss																	
172.55	173.00	0.45																				
172.55	173.00	0.45																				
172.55	173.00	0.45																				
172.55	173.00	0.45																				
173.00	176.60	3.60	XT	MAR	ser alt XT w/ mod qtz-cal FF																	
173.00	176.60	3.60																				
173.00	176.60	3.60																				
173.00	176.60	3.60																				
176.60	178.25	1.65	Va	GRN	chl alt, 2 qtz-cal veins <2cm w/ py and cpy <1cm																	
176.60	178.25	1.65																				
176.60	178.25	1.65																				
178.25	186.55	8.30	XT	M-G	maroon and intercalated green XT, qtz-cal FF and some veining <1cm at 30 tca																	
178.25	186.55	8.30																				
178.25	186.55	8.30																				
186.55	187.00	0.45	Va	BLE	bleaching w/ ser-chl alt XT hosting QV w/ py stringers at 30 tca																	
186.55	187.00	0.45																				
186.55	187.00	0.45																				
186.55	187.00	0.45																				
186.55	187.00	0.45																				
187.00	193.30	6.30	XT	M-G	chl alt maroon XT w/ qtz-cal FF and some stwk																	
187.00	193.30	6.30																				
187.00	193.30	6.30																				
187.00	193.30	6.30																				
193.30	193.70	0.40	FT	G-M	chl-clay alt																	
193.30	193.70	0.40																				
193.30	193.70	0.40																				
193.30	193.70	0.40																				

Lithology						Alteration				Mineralization				Structure												
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments			
193.70	196.70	3.00	XT	MAR			int chl and hem alt in fracture zone, flt w/ clay <1cm at 196.4m																			
193.70	196.70	3.00							193.70	196.70	Cy	Perv	Pre													
193.70	196.70	3.00							193.70	196.70	He	Perv	Int													
193.70	196.70	3.00							193.70	196.70	Chl	Perv	Int													
196.70	201.75	5.05	XT	MAR			siliceous XT w/ qtz-cal crackle FF																			
196.70	201.75	5.05							196.70	201.75	Cb	FF	Int													
196.70	201.75	5.05																	196.70	201.75	Frc	60				
201.75	202.00	0.25	QV	BLE			bleached and chl alt XT hosting QV <10cm w/ semi-massive py at 80 tca																			
201.75	202.00	0.25							201.75	202.00	Blch	Perv	Mod													
201.75	202.00	0.25							201.75	202.00	Py	Perv	Int													
201.75	202.00	0.25							201.75	202.00	Qz	Perv	Int													
201.75	202.00	0.25							201.75	202.00	Chl	Perv	Int													
201.75	202.00	0.25												201.75	202.00	Py										
201.75	202.00	0.25																	201.75	202.00	Cn	80				
202.00	211.95	9.95	XT	MAR			siliceous XT w/ int qtz-cal FF																			
202.00	211.95	9.95							202.00	211.95	Cb	FF	Int													
202.00	211.95	9.95																	202.00	211.95	Frc	80				
211.95	212.25	0.30	Va	BLE			bleached green XT hosting qtz-cal vein <2cm at 30 tca w/ blebs of cpy <1cm																			
211.95	212.25	0.30							211.95	212.25	Cb	Perv	Int													
211.95	212.25	0.30							211.95	212.25	Qz	Perv	Pre													
211.95	212.25	0.30							211.95	212.25	Blch	Perv	Mod													
211.95	212.25	0.30												211.95	212.25	Cp										
211.95	212.25	0.30																	211.95	212.25	Cn	30				
212.25	214.90	2.65	XT	MAR			siliceous XT w/ qtz-cal FF and some veins at 30 tca																			
212.25	214.90	2.65							212.25	214.90	Cb	FF	Mod													
212.25	214.90	2.65																	212.25	214.90	Frc	60				
214.90	215.65	0.75	Va	BLE			intensely reworked and chl alt AT w/ qtz-cal veins and stringers w/ py and cpy blebs <1cm																			
214.90	215.65	0.75							214.90	215.65	Qz	Perv	Int													
214.90	215.65	0.75							214.90	215.65	Blch	Perv	Int													
214.90	215.65	0.75							214.90	215.65	Chl	Perv	Int													

Lithology								Alteration					Mineralization					Structure					
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
214.90	215.65	0.75											214.90	215.65	Cp								
214.90	215.65	0.75											214.90	215.65	Py								
214.90	215.65	0.75																214.90	215.65	Cn	30		
215.65	222.20	6.55	XT	GRN	siliceous XT w/ wk qtz-cal FF and veining																		
215.65	222.20	6.55						215.65	222.20	Cb	FF	Wk											
222.20	222.30	0.10	FT		flt at 30 tca			222.20	222.30	Cy	Gg	Int											
222.20	222.30	0.10																222.20	222.30	Flt	30		
222.20	222.30	0.10						222.30	225.00	Cb	FF	Int											
222.30	225.00	2.70	XT	MAR	siliceous XT w/ int qtz-cal FF																		
222.30	225.00	2.70																222.30	225.00	Frc	60		
222.30	225.00	2.70																					



Dome Mountain Project Database

Hole Number: DM-16-113

Drill Hole Log

Grid-X: 653,521.74

Brg: 8.50

Ovb: 2.50

Surveyor: JH-GPS-RTK

Drill: Driftwood Diamond Drilling

Grid-Y: 6,068,810.45

Dip: -43.70

Casing: 3.00

Survey Date: 27-Sep-16

Drill Dates: 23-Feb-16 to 25-Feb-16

Grid-Z: 1,285.96

Depth: 199.70

Recover Casing: yes

Core Size: HQ

Geologist: Mathias Westphal

NTS:

Claim: 0

Area: DOME MOUNTAIN

Log Dates: 24-Feb-16 to 27-Feb-16

Target:

Comments:

Lithology						Alteration					Mineralization					Structure								
From	To	Len	Rk	Typ	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
0.00	2.50	2.50	OB																					
2.50	8.60	6.10	AT	GRY			siliceous AT, strong limonite FF																	
2.50	8.60	6.10							2.50	8.60	Oxid	FF	Str											
2.50	8.60	6.10																						
8.60	13.10	4.50	AT	GRY			siliceous AT, py veinlets at 11.2m																	
8.60	13.10	4.50							8.60	13.10	Cb	FF	Pre											
8.60	13.10	4.50																						
8.60	13.10	4.50							8.60	13.10	Py			at 11.2m										
13.10	19.70	6.60	AT	BLE			beige siliceous AT w/ diss py and py stringers and intercalated fine grained siliceous green XT																	
13.10	19.70	6.60							13.10	19.70	Blch	Pch	Int											
13.10	19.70	6.60							13.10	19.70	Cb	Pch	Pre											
13.10	19.70	6.60																						
13.10	19.70	6.60							13.10	19.70	Py													
19.70	67.20	47.50	LT	G-M			siliceous green and maroon LT, Lapilli <2cm, clasts <4cm, wk qtz-cal FF and veining at 60 and 30 tca																	
19.70	67.20	47.50							19.70	67.20	Cb	FF	Wk											
67.20	67.60	0.40	XT	GRN			XT w/ intercalated gray AT																	
67.20	67.60	0.40							67.20	67.60	Cb	FF	Pre											
67.20	67.60	0.40																						

Lithology							Alteration				Mineralization				Structure							
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
67.60	68.60	1.00	TB	BLE	brecciated and bleached intercalated LT and green XT																	
67.60	68.60	1.00						67.60	68.60	Blch	Perv	Int										
67.60	68.60	1.00																67.60	68.60	Frc	45	
68.60	69.40	0.80	AT	BLE	intercalated AT w/ green XT, py veinlets pres																	
68.60	69.40	0.80						68.60	69.40	Blch	Perv	Mod										
68.60	69.40	0.80						68.60	69.40	Cb	Perv	Pre										
68.60	69.40	0.80											68.60	69.40	Py	thin py veinlets						
68.60	69.40	0.80																68.60	69.40	Frc	45	
69.40	73.15	3.75	Dt	WHT	white very siliceous AT, broken and qtz-cal healed																	
69.40	73.15	3.75						69.40	73.15	Cb	FF	Int										
69.40	73.15	3.75																69.40	73.15	Frc	80	
73.15	73.20	0.05	FT	MAR								73.15	73.20	Cy	Gg	Int						
73.15	73.20	0.05																73.15	73.20	Flt	90	
73.20	75.20	2.00	LT	MAR	high porosity LT w/ ser alt																	
73.20	75.20	2.00						73.20	75.20	Ser	Perv	Mod										
75.20	75.25	0.05	FT	BLE								75.20	75.25	Cy	Gg	Int						
75.20	75.25	0.05																				
75.25	76.03	0.78	Va	BLE	int bleaching and ser alt w/ diss py																	
75.25	76.03	0.78						75.25	76.03	Ser	Perv	Int										
75.25	76.03	0.78						75.25	76.03	Blch	Perv	Int										
75.25	76.03	0.78						75.25	76.03	Py	Perv	Int										
75.25	76.03	0.78											75.25	76.03	Py							
75.25	76.03	0.78																75.25	76.03	Frc	90	
76.03	87.95	11.92	XT	MAR	int qtz-cal FF and veining w/ stwk sections, ep alt along qtz veins at 80 tca, qtz-cal veins <3cm folded subparallel tca at 84.8m																	
76.03	87.95	11.92						76.03	87.95	Cb	FF	Int										
76.03	87.95	11.92																76.03	87.95	Frc	90	
87.95	90.25	2.30	XT	MAR	hem alt XT w/ ep alt bands and qtz-cal FF																	
87.95	90.25	2.30						87.95	90.25	Qz	FF	Pre										
87.95	90.25	2.30						87.95	90.25	Cb	FF	Mod										
87.95	90.25	2.30						87.95	90.25	He	FF	Int										

Lithology							Alteration					Mineralization					Structure																													
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments																							
87.95	90.25	2.30																			87.95	90.25	Frc	80																						
90.25	95.45	5.20	XT	MAR	mafic xtals hem alt, plag qtz-cal replacment, qtz-cal veins <2cm at 45 tca																																									
90.25	95.45	5.20										90.25	95.45	He	FF	Int																														
90.25	95.45	5.20										90.25	95.45	Cb	FF	Mod																														
90.25	95.45	5.20										90.25	95.45	Cb	FF	Int																														
90.25	95.45	5.20																								90.25	95.45	Frc	60																	
95.45	96.60	1.15	QV		massive qtz vein at 45 tca w/ qtz-cal veins and FF and ep alt																																									
95.45	0.00	-95.45										95.45	0.00	Qz	Vn	Int																														
95.45	0.00	-95.45										95.45	0.00	Cb	Vn	Int																														
95.45	0.00	-95.45										95.45	0.00	Ep	Vn	Pre																														
95.45	96.60	1.15																															95.45	96.60	Cn	45										
96.60	105.65	9.05	XT	MAR	siliceous XT w/ intense qtz-cal veining and FF, veins <5cm at 10, 30 and 60 tca, FF and stringers subparallel tca																																									
96.60	105.65	9.05										96.60	105.65	Cb	FF	Int																														
105.65	106.25	0.60	BTm	MAR	bedded unit w/ intense qtz-cal alt of plag and some qtz-cal veining <1cm folded and FF																																									
105.65	106.25	0.60										105.65	106.25	Cb	Phno	Int																														
106.25	109.70	3.45	XT	MAR	XT w/ mafic xtals w/ hem-chl alt and bands of perv ep alt, qtz-cal FF																																									
106.25	109.70	3.45										106.25	109.70	Cb	Phno	Mod																														
106.25	109.70	3.45										106.25	109.70	He	Phno	Mod																														
106.25	109.70	3.45										106.25	109.70	Chl	Phno	Mod																														
109.70	110.85	1.15	XT	GRN	int ep alt w/ hem alt of mafic xtals and qtz-cal FF <2cm																																									
109.70	110.85	1.15										109.70	110.85	Ep	Perv	Int																														
109.70	110.85	1.15										109.70	110.85	He	Perv	Mod																														
109.70	110.85	1.15										109.70	110.85	Cb	Perv	Int																														
109.70	110.85	1.15																																												
110.85	114.35	3.50	BTm	MAR	int qtz-cal FF and some veining at 45 tca																																									
110.85	114.35	3.50										110.85	114.35	Cb	FF	Int																														

Lithology						Alteration				Mineralization				Structure								
From	To	Len	Rk	Type	Minor Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
110.85	114.35	3.50															110.85	114.35	Bd	45		
114.35	116.35	2.00	XT	G-G		mafic xtals w/ hem alt, qtz-cal FF pres																
114.35	116.35	2.00										114.35	116.35	He	FF	Mod						
114.35	116.35	2.00										114.35	116.35	Cb	FF	Mod						
114.35	116.35	2.00															114.35	116.35	Frc	90		
116.35	117.00	0.65	XT	GRN		int ep altered XT w/ chl alt mafic xtals																
116.35	117.00	0.65										116.35	117.00	Chl	Perv	Mod						
116.35	117.00	0.65										116.35	117.00	Ep	Perv	Int						
116.35	117.00	0.65															116.35	117.00	Cn	45		
117.00	122.05	5.05	XT	G-G		siliceous XT w/ mafic xtals w/ some hem and chl alt																
117.00	122.05	5.05										117.00	122.05	He	Phno	Pre						
117.00	122.05	5.05										117.00	122.05	Chl	Phno	Pre						
117.00	122.05	5.05										117.00	122.05	Cb	Phno	Wk						
117.00	122.05	5.05															117.00	122.05	Frc	45		
122.05	122.70	0.65	XT	GRN		int ep alt XT w/ mafic xtals																
122.05	122.70	0.65										122.05	122.70	Ep	Perv	Int						
122.05	122.70	0.65										122.05	122.70	Chl	Perv	Mod						
122.05	122.70	0.65										122.05	122.70	He	Perv	Mod						
122.70	124.20	1.50	XT	MAR		siliceous XT w/ qtz-cal alt of plag																
122.70	124.20	1.50										122.70	124.20	Cb	Phno	Mod						
122.70	124.20	1.50															122.70	124.20	Frc	45		
124.20	129.75	5.55	XT	GRY		siliceous XT w/ mafic chl alt xtals and bands of perv ep alt w/ qtz-cal FF end veins <1cm at 30 tca																
124.20	129.75	5.55										124.20	129.75	Chl	Phno	Pre						
124.20	129.75	5.55										124.20	129.75	Cb	Phno	Mod						
124.20	129.75	5.55										124.20	129.75	Ep	Phno	Mod						
129.75	130.50	0.75	Vas	GRN		int ep alt w/ int qtz-cal veining at 30 tca <25cm											124.20	129.75	Frc	45		
129.75	130.50	0.75										129.75	130.50	Ep	Vn	Int						
129.75	130.50	0.75										129.75	130.50	Qz	Vn	Str						
129.75	130.50	0.75										129.75	130.50	Cb	Vn	Int						
129.75	130.50	0.75															129.75	130.50	Cn	45		

Lithology							Alteration				Mineralization				Structure								
From	To	Len	Rk	Type	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
130.50	133.45	2.95	XT	G-G	siliceous XT w/ mafic xtals w/ hem alt and bands of perv ep w/ qtz-cal veining at 45 tca																		
130.50	133.45	2.95						130.50	133.45	He	Phno	Mod											
130.50	133.45	2.95						130.50	133.45	Qz	Phno	Mod											
130.50	133.45	2.95						130.50	133.45	Ep	Phno	Pre											
130.50	133.45	2.95																130.50	133.45	Frc	90		
133.45	134.70	1.25	Vas	G-G	Xt w/ int qtz-cal in ep alt bands			133.45	134.70	Ep	Bn	Int											
133.45	134.70	1.25						133.45	134.70	Cb	Bn	Int											
133.45	134.70	1.25						133.45	134.70	Qz	Bn	Int											
133.45	134.70	1.25																133.45	134.70	Cn	45		
134.70	139.00	4.30	XT	G-G	siliceous XT w/ mafic xtals and some ep-qtz bands <10cm																		
134.70	139.00	4.30						134.70	139.00	Cb	Bn	Pre											
134.70	139.00	4.30						134.70	139.00	Ep	Bn	Pre											
134.70	139.00	4.30						134.70	139.00	Qz	Bn	Pre											
134.70	139.00	4.30																134.70	139.00	Frc	45		
139.00	141.40	2.40	XT	G-M	siliceous XT w/ some ser alt			139.00	141.40	Ser	Perv	Pre											
139.00	141.40	2.40						141.40	142.20	Ser	Perv	Int											
141.40	142.20	0.80	XT	BLE	int ser alt XT																		
141.40	142.20	0.80																					
141.40	142.20	0.80																141.40	142.20	Frc	45		
142.20	143.90	1.70	FT	BLE	strong ser alt w/ clay in flt gouge																		
142.20	143.90	1.70						142.20	143.90	Ser	Perv	Str											
142.20	143.90	1.70						142.20	143.90	Cy	Perv	Str											
142.20	143.90	1.70																142.20	143.90	Frc	45	opposite orientation	
142.20	143.90	1.70																142.20	143.90	Flt	45		
143.90	144.70	0.80	XT	MAR	siliceous XT			143.90	144.70	Ser	Perv	Pre											
143.90	144.70	0.80						144.70	145.40	Ser	Perv	Str											
143.90	144.70	0.80						144.70	145.40	Cy	Perv	Str											
144.70	145.40	0.70	FT	BLE	strong ser alt and clay in flt gouge																		
144.70	145.40	0.70						144.70	145.40	Ser	Perv	Str											
144.70	145.40	0.70						144.70	145.40	Cy	Perv	Str											
144.70	145.40	0.70																144.70	145.40	Flt	45		
144.70	145.40	0.70																144.70	145.40	Frc	45	90 degrees different	

Lithology						Alteration				Mineralization				Structure											
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments		
145.40	149.95	4.55	XT	MAR	ser alt FF and fsp xtals causing fracture zone at 45 and oposite 45 tca and subparallel tca																				
145.40	149.95	4.55							145.40	149.95	Ser	Perv	Mod							145.40	149.95	Frc	45		
145.40	149.95	4.55																							
149.95	155.40	5.45	XT	MAR	siliceous XT w/ int qtz-cal veining at 45 and 30 tca <1cm				149.95	155.40	Cb	Vn	Int							149.95	155.40	Frc	45		
149.95	155.40	5.45							155.40	155.80	Chl	Perv	Str												
149.95	155.40	5.45							155.40	155.80	Ser	Perv	Int												
155.40	155.80	0.40	FT	G-M	ser-chl alt w/ clay in flt gouge				155.40	155.80	Cy	Perv	Int												
155.40	155.80	0.40																							
155.40	155.80	0.40																							
155.40	155.80	0.40																							
155.40	155.80	0.40																							
155.40	155.80	0.40																							
155.80	161.00	5.20	XT	G-G	siliceous XT w/ qtz-cal veining and stwk															155.40	155.80	Flt	45		
155.80	161.00	5.20							155.80	161.00	Cb	Vn	Mod												
155.80	161.00	5.20																		155.80	161.00	Frc	60		
161.00	162.10	1.10	XT	GRN	chl alt w/ wk qtz-cal veining				161.00	162.10	Cb	Vn	Wk												
161.00	162.10	1.10							161.00	162.10	Chl	Vn	Mod												
161.00	162.10	1.10																		161.00	162.10	Frc	45		
161.00	162.10	1.10																							
162.10	162.50	0.40	Va	BLE	ser and chl alt XT w/ qtz-py vein <5cm at 30 tca																				
162.10	162.50	0.40							162.10	162.50	Ser	Perv	Int												
162.10	162.50	0.40							162.10	162.50	Py	Perv	Int												
162.10	162.50	0.40							162.10	162.50	Qz	Perv	Int												
162.10	162.50	0.40							162.10	162.50	Chl	Perv	Mod												
162.10	162.50	0.40																		162.10	162.50	Py			
162.50	162.85	0.35	FT	GRY	flit gouge and a wedge <15cm of maroon reworked XT contact at 30 tca and at 30 tca with 90 degree different orientation																				
162.50	162.85	0.35							162.50	162.85	Ser	Perv	Str												
162.50	162.85	0.35							162.50	162.85	Cy	Perv	Int												
162.50	162.85	0.35																		162.50	162.85	Flt	30		
162.85	164.35	1.50	Va	GRN	ser and chl altered hanging wall XT																				

Lithology						Alteration				Mineralization				Structure									
From	To	Len	Rk	Type	Minor Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments	
162.85	164.35	1.50						162.85	164.35	Ser	Perv	Int											
162.85	164.35	1.50						162.85	164.35	Chl	Perv	Int											
162.85	164.35	1.50																162.85	164.35	Frc	60		
164.35	164.61	0.26	QV			qtz-cal veins <2cm at 80 tca w/ semi massive py and stringers																	
164.35	164.61	0.26						164.35	164.61	Py	Vn	Str											
164.35	164.61	0.26						164.35	164.61	Qz	Vn	Str											
164.35	164.61	0.26											164.35	164.61	Py								
164.35	164.61	0.26																164.35	164.61	Cn	30	upper	
164.61	170.95	6.34	XT	MAR		siliceous XT w/ some qtz-cal FF and veins <3cm at 30 tca at 169.7 and 169.9m																	
164.61	170.95	6.34						164.61	170.95	Cb	FF	Mod											
164.61	170.95	6.34																164.61	170.95	Frc	30		
170.95	171.00	0.05	FT	GRY		clay in flt gouge		170.95	171.00	Cy	Gg	Str											
170.95	171.00	0.05																170.95	171.00	Flt	90		
170.95	171.00	0.05																					
171.00	172.15	1.15	FT	GRY		clay in flt gouge parallel tca in altered vulcanics																	
171.00	172.15	1.15						171.00	172.15	Bch	Perv	Mod											
171.00	172.15	1.15						171.00	172.15	Ser	Perv	Int											
171.00	172.15	1.15						171.00	172.15	Cy	Perv	Str											
171.00	172.15	1.15											171.00	172.15	Py	<1mm at 45 tca							
171.00	172.15	1.15																171.00	172.15	Flt	0		
172.15	172.30	0.15	QV	BLE		qtz-cal vein w/ py stringers at 60 tca																	
172.15	172.30	0.15						172.15	172.30	Qz	Vn	Str											
172.15	172.30	0.15						172.15	172.30	Ser	Vn	Int											
172.15	172.30	0.15						172.15	172.30	Py	Vn	Str											
172.15	172.30	0.15											172.15	172.30	Py								
172.15	172.30	0.15																172.15	172.30	Cn	60		
172.30	172.35	0.05	FT			clay in flt gouge at 60 tca																	
172.30	172.35	0.05						172.30	172.35	Cy	Gg	Str											
172.30	172.35	0.05						172.30	172.35	Ser	Gg	Str											
172.35	172.50	0.15	QV	BLE		qtz-cal vein w/ py stringers at 60 tca																	
172.35	172.50	0.15						172.35	172.50	Py	Vn	Str											
172.35	172.50	0.15						172.35	172.50	Ser	Vn	Int											

Lithology						Alteration				Mineralization				Structure									
From	To	Len	Rk	Typ	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments
172.35	172.50	0.15																					
172.35	172.50	0.15																					
172.35	172.50	0.15																					
172.50	173.50	1.00	Va	BLE	bleached green XT w/ diss py																		
172.50	173.50	1.00																					
172.50	173.50	1.00																					
172.50	173.50	1.00																					
172.50	173.50	1.00																					
172.50	173.50	1.00																					
172.50	173.50	1.00																					
173.50	174.40	0.90	XT	G-M	chl and ser alt XT																		
173.50	174.40	0.90																					
173.50	174.40	0.90																					
173.50	174.40	0.90																					
174.40	175.15	0.75	FT	GRN	ser-chl alt w/ clay in flt gouge at 90 tca, flt and fractures at 90, 30, 15, 0 tca																		
174.40	175.15	0.75																					
174.40	175.15	0.75																					
174.40	175.15	0.75																					
175.15	177.26	2.11	Va	BLE	bleached and ser alt maroon XT																		
175.15	177.26	2.11																					
175.15	177.26	2.11																					
175.15	177.26	2.11																					
177.26	178.40	1.14	Vas	BLE	bleached and ser alt green XT w/ diss py, qtz-cal vein <4cm at 30 tca w/semi massive py at 177.70m																		
177.26	178.40	1.14																					
177.26	178.40	1.14																					
177.26	178.40	1.14																					
177.26	178.40	1.14																					
177.26	178.40	1.14																					
178.40	186.62	8.22	XT	MAR	siliceous XT w/ qtz-cal veining and FF																		
178.40	186.62	8.22																					
178.40	186.62	8.22																					
178.40	186.62	8.22																					
178.40	186.62	8.22																					

Lithology						Alteration				Mineralization				Structure											
From	To	Len	Rk	Type	Minor	Color	Description		From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments		
186.62	187.62	1.00	Va	BLE	bleached and ser alt XT w/ barren qtz vein <3cm at 30 tca at 187.1m																				
186.62	187.62	1.00							186.62	187.62	Qz	Perv	Pre												
186.62	187.62	1.00							186.62	187.62	Cb	Perv	Wk												
186.62	187.62	1.00							186.62	187.62	Ser	Perv	Mod												
186.62	187.62	1.00							186.62	187.62	Blch	Perv	Mod												
186.62	187.62	1.00																	186.62	187.62	Cn	30			
187.62	188.40	0.78	XT	MAR	XT w/ qtz-cal FF				187.62	188.40	Cb	FF	Mod												
187.62	188.40	0.78																							
187.62	188.40	0.78																	187.62	188.40	Frc	30			
188.40	189.50	1.10	Vas	BLE	bleached and ser alt green XT w/diss py and qtz-cal vein <10cm at folded 90 to 0 tca w/ py stringers at 189m																				
188.40	189.50	1.10							188.40	189.50	Qz	Perv													
188.40	189.50	1.10							188.40	189.50	Blch	Perv													
188.40	189.50	1.10							188.40	189.50	Py	Perv													
188.40	189.50	1.10							188.40	189.50	Ser	Perv													
188.40	189.50	1.10																	188.40	189.50	Frc	30			
188.40	189.50	1.10																	188.40	189.50	Cn	30			
189.50	191.36	1.86	XT	MAR	siliceous XT w/ qtz-cal FF				189.50	191.36	Cb	FF	Int												
189.50	191.36	1.86																							
191.36	191.80	0.44	Vas	BLE	bleached green XT w/ diss py, py and qtz stringers at 60 tca																				
191.36	191.80	0.44							191.36	191.80	Qz	Perv													
191.36	191.80	0.44							191.36	191.80	Py	Perv													
191.36	191.80	0.44							191.36	191.80	Blch	Perv													
191.36	191.80	0.44																	191.36	191.80	Cn	60			
191.36	191.80	0.44																							
191.80	196.70	4.90	XT	MAR	XT w/ qtz-cal FF and vuggy qtz-cal vein <1cm at 30 tca at 195.8m																				
191.80	196.70	4.90							191.80	196.70	Cb	FF	Mod												
191.80	196.70	4.90																	191.80	196.70	Frc	60			
196.70	197.16	0.46	Va	GRN	chl alt XT w/ qtz-cal vein <5mm at 15 tca w/ py blebs <5mm at 197m																				
196.70	197.16	0.46							196.70	197.16	Chl	Perv	Mod												
196.70	197.16	0.46							196.70	197.16	Qz	Perv	Pre												

Lithology						Alteration				Mineralization				Structure										
From	To	Len	Rk	Typ	Minor	Color	Description	From	To	Cod	Style	Deg	From	To	Code	%	Comments	From	To	Cod	CA	Comments		
196.70	197.16	0.46						196.70	197.16	Py	Perv	Mod	196.70	197.16	Py			196.70	197.16	Frc	30			
196.70	197.16	0.46																						
196.70	197.16	0.46						197.16	199.70	Cb	Vn	Mod												
197.16	199.70	2.54	XT	MAR	siliceous XT																			
197.16	199.70	2.54																						
197.16	199.70	2.54																						



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PHONE (604) 253-3158

Client: **Gavin Mines Inc.**
3431 19th Ave
PO Box 2080
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Submitted By: Daryl Hanson
Receiving Lab: Canada-Smithers
Received: January 29, 2016
Report Date: February 16, 2016
Page: 1 of 8

CERTIFICATE OF ANALYSIS

VAN16000216.1

CLIENT JOB INFORMATION

Project: Dome Mountain
Shipment ID: ACME16-XX

P.O. Number
Number of Samples: 209

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	200	Crush, split and pulverize 250 g rock to 200 mesh			VAN
SLBHP	9	Sort, label and box pulps			VAN
FA530	209	Lead collection fire assay fusion - gravimetric finish	30	Completed	VAN
AQ200	209	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN
DRPLP	209	Warehouse handling / disposition of pulps			VAN
DRRJT	200	Warehouse handling / Disposition of reject			VAN
MA404	14	4 Acid Digest AAS Finish Vancouver	0.5	Completed	VAN

ADDITIONAL COMMENTS

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

Invoice To: **Gavin Mines Inc.**
3431 19th Ave
PO Box 2080
Smithers BC V0J 2N0
CANADA

CC: Phillipstine Michell
Kevin Tattersall
Rob Boyce
Mathias Westphal

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.





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Project: Dome Mountain
Report Date: February 16, 2016

Page: 2 of 8

Part: 1 of 3

CERTIFICATE OF ANALYSIS

VAN16000216.1

Method	Analyte	Unit	WGHT	FA530	FA530	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	
			Wgt	Ag	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
			kg	gm/t	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
		MDL	0.01	20	0.9	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1
2625001	Drill Core		4.63	<20	<0.9	0.3	296.5	81.9	2640	3.0	185.1	37.8	3909	5.09	57.0	<0.1	429.9	0.2	213	43.6	0.6	3.4
2625002	Drill Core		4.24	48	20.8	0.5	3488.7	679.3	>10000	54.2	130.4	28.9	2254	6.95	84.1	<0.1	17782.0	0.1	159	256.2	0.7	68.6
2625003	Drill Core		1.60	36	7.5	0.8	4707.5	1031.4	>10000	42.3	125.2	32.9	7306	10.89	240.2	<0.1	9330.1	0.1	113	588.0	0.8	62.6
2625004	Drill Core		3.48	<20	<0.9	0.1	83.9	13.5	2524	0.7	137.6	31.0	7206	5.04	36.8	<0.1	20.4	0.2	190	29.7	0.3	0.9
2625005	Drill Core		1.63	33	3.5	3.3	1787.6	1465.5	>10000	30.2	20.8	9.1	1128	4.15	126.2	<0.1	4825.3	<0.1	45	625.2	1.1	41.3
2625006	Drill Core		3.83	<20	<0.9	0.3	116.5	13.2	102	1.0	182.8	38.5	3704	4.83	12.0	<0.1	8.4	0.2	177	0.8	0.4	0.7
2625007	Drill Core		4.78	<20	7.3	1.1	958.9	53.0	>10000	7.7	197.5	32.3	3886	6.80	55.6	<0.1	5075.2	0.1	77	129.1	0.7	13.4
2625008	Drill Core		3.05	<20	<0.9	2.4	103.7	10.3	1183	0.9	232.2	37.0	4772	5.48	11.1	<0.1	110.9	0.2	167	10.6	1.7	0.9
2625009	Drill Core		2.99	<20	2.7	1.5	1295.3	264.6	9142	8.5	71.1	26.5	8090	6.88	168.3	0.1	2048.3	0.2	62	126.6	1.1	4.4
2625010	Drill Core		2.71	<20	<0.9	0.6	248.0	89.1	3930	3.3	183.2	38.5	>10000	5.68	31.2	0.1	30.5	0.2	192	42.2	1.2	2.5
2625011	Drill Core		4.36	<20	<0.9	1.4	340.7	26.0	4576	2.4	96.0	33.8	4687	5.57	18.0	<0.1	80.9	0.2	153	61.2	0.7	1.6
2625012	Drill Core		4.19	187	47.6	2.8	5812.3	8645.4	>10000	>100	5.8	8.0	818	7.54	179.5	<0.1	41604.6	<0.1	11	993.4	2.8	281.8
2625013	Drill Core		4.29	93	21.2	0.6	3454.0	5384.2	>10000	87.0	1.2	1.6	1168	2.62	68.1	<0.1	11359.0	<0.1	13	731.4	10.1	98.6
2625014	Drill Core		3.92	68	9.8	0.6	1792.6	3054.3	>10000	61.3	1.7	2.9	434	2.28	58.5	<0.1	7554.7	<0.1	10	494.5	2.6	79.0
2625015	Drill Core		3.37	<20	1.3	0.5	341.7	78.7	1362	3.7	7.1	18.5	4771	4.57	28.3	0.1	1149.3	0.3	87	28.3	0.9	2.0
2625016	Drill Core		3.01	<20	<0.9	0.5	203.3	20.2	1040	1.6	46.7	38.1	4996	6.89	38.3	<0.1	41.1	0.3	94	12.8	3.9	0.8
2625017	Drill Core		1.82	39	12.5	4.5	2549.4	274.3	>10000	27.4	28.0	21.1	1158	10.00	617.2	0.1	11726.4	<0.1	19	729.9	8.9	39.4
2625018	Drill Core		2.65	<20	1.0	1.0	70.0	19.9	2733	1.1	5.8	18.6	3046	4.49	36.2	0.2	996.8	0.3	104	33.1	0.5	1.1
2625019	Drill Core		1.79	<20	<0.9	0.3	197.2	14.7	148	0.7	189.5	35.9	3440	4.61	11.8	<0.1	10.0	0.2	107	1.4	1.6	0.2
2625020	Drill Core		1.95	140	21.1	4.8	>10000	632.2	8952	>100	38.5	18.3	1401	10.40	1115.7	<0.1	26950.7	<0.1	21	130.9	1221.6	113.6
2625021	Drill Core		3.04	75	20.9	8.7	5062.4	636.4	7468	75.0	49.9	23.6	441	9.63	535.0	<0.1	19592.2	<0.1	10	104.6	463.1	127.4
2625022	Drill Core		2.42	<20	11.7	3.0	1124.4	1239.1	2936	15.3	5.9	2.7	307	1.68	100.0	<0.1	8281.0	<0.1	8	48.3	173.1	14.0
2625023	Drill Core		2.55	27	19.3	5.4	1928.2	1516.7	1881	22.4	13.7	6.2	540	2.16	115.6	<0.1	19825.5	<0.1	33	36.3	220.7	26.2
2625024	Drill Core		2.07	21	3.1	2.1	596.9	891.2	417	15.1	18.0	10.0	1196	2.63	93.9	<0.1	1959.1	<0.1	133	8.4	210.8	20.6
2625025	Drill Core		2.06	<20	<0.9	<0.1	27.6	8.8	156	0.2	18.3	27.9	1770	5.15	2.9	0.1	32.6	0.6	124	0.9	2.3	0.1
2625026	Rock		1.13	<20	<0.9	<0.1	1.6	0.9	2	<0.1	<0.1	<0.1	27	0.06	<0.5	1.2	1.1	<0.1	>2000	<0.1	0.4	<0.1
2625027	Drill Core		2.83	<20	2.2	1.3	722.4	152.7	1185	7.8	8.8	17.1	4011	4.73	76.4	<0.1	3093.5	0.3	62	18.5	1.8	12.1
2625028	Drill Core		3.95	66	10.8	2.4	3467.7	5440.0	>10000	63.8	1.3	4.5	596	3.46	437.5	<0.1	10782.7	<0.1	17	260.2	193.9	55.6
2625029	Drill Core		3.32	<20	<0.9	0.2	475.1	217.3	221	4.7	1.2	11.9	1152	2.90	26.2	0.2	518.5	0.5	101	2.3	1.0	6.5
2625030	Rock Pulp		0.11	<20	9.4	931.0	57.7	9.8	57	1.4	28.6	12.2	359	3.31	19.9	0.3	8718.8	1.2	54	<0.1	24.3	0.5

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: Dome Mountain
Report Date: February 16, 2016

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Part: 2 of 3

CERTIFICATE OF ANALYSIS

VAN16000216.1

Analyte	Method	AQ200																			
		V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
2625001	Drill Core	43	7.61	0.058	2	114	4.27	65	0.001	<20	1.37	0.008	0.27	<0.1	1.12	16.5	0.1	0.95	2	<0.5	<0.2
2625002	Drill Core	24	6.03	0.036	1	75	3.12	26	0.001	<20	0.60	0.005	0.11	0.1	7.09	12.6	<0.1	4.54	1	<0.5	0.9
2625003	Drill Core	33	3.47	0.021	<1	83	1.87	24	0.001	<20	1.03	0.005	0.12	0.3	19.56	9.3	<0.1	8.21	2	0.7	0.8
2625004	Drill Core	35	7.76	0.043	2	104	3.94	31	0.001	<20	0.88	0.004	0.15	0.1	1.45	15.6	<0.1	0.79	2	<0.5	<0.2
2625005	Drill Core	7	1.36	0.008	<1	8	0.54	5	<0.001	<20	0.05	0.004	0.03	<0.1	11.28	1.8	<0.1	5.95	<1	1.2	1.2
2625006	Drill Core	69	7.41	0.053	2	200	4.49	35	0.002	<20	1.46	0.006	0.14	<0.1	0.05	22.4	<0.1	0.42	3	<0.5	<0.2
2625007	Drill Core	141	2.33	0.047	2	267	3.37	88	0.004	<20	3.54	0.005	0.08	0.2	3.16	18.1	<0.1	2.37	7	<0.5	<0.2
2625008	Drill Core	191	4.96	0.055	2	345	4.90	12	0.006	<20	4.61	0.006	0.02	<0.1	0.26	27.7	<0.1	0.12	9	<0.5	<0.2
2625009	Drill Core	82	3.06	0.056	3	81	2.39	35	0.002	<20	2.73	0.004	0.20	0.3	2.57	12.2	<0.1	2.23	6	0.6	<0.2
2625010	Drill Core	63	7.25	0.056	3	152	3.50	33	0.002	<20	2.25	0.004	0.21	0.2	1.21	14.5	<0.1	0.81	5	<0.5	<0.2
2625011	Drill Core	113	5.32	0.061	3	127	3.84	24	0.003	<20	3.24	0.010	0.16	0.1	1.02	16.1	<0.1	0.79	7	<0.5	<0.2
2625012	Drill Core	8	0.49	0.002	<1	4	0.17	4	<0.001	<20	0.18	0.003	0.03	<0.1	8.15	0.7	<0.1	8.77	<1	1.1	5.6
2625013	Drill Core	3	0.66	<0.001	<1	3	0.18	<1	<0.001	<20	0.06	0.003	<0.01	0.1	6.45	0.7	<0.1	3.56	<1	0.6	3.1
2625014	Drill Core	4	0.41	0.003	<1	3	0.15	6	<0.001	<20	0.11	0.003	0.03	0.1	5.40	0.6	<0.1	2.91	<1	<0.5	2.7
2625015	Drill Core	38	3.71	0.040	2	3	2.35	52	0.002	<20	1.93	0.006	0.29	0.2	0.49	7.3	0.1	0.70	4	<0.5	<0.2
2625016	Drill Core	111	3.14	0.073	4	64	3.31	25	0.002	<20	2.67	0.006	0.16	0.2	0.53	16.0	<0.1	0.37	6	<0.5	<0.2
2625017	Drill Core	26	0.78	0.026	<1	16	0.54	21	0.001	<20	0.75	0.004	0.13	24.7	11.36	3.5	<0.1	>10	2	1.2	0.6
2625018	Drill Core	34	3.61	0.045	1	4	1.91	55	0.002	<20	1.86	0.006	0.24	0.2	1.12	6.0	<0.1	1.36	3	<0.5	<0.2
2625019	Drill Core	84	8.55	0.047	2	176	5.18	111	0.002	<20	2.54	0.004	0.17	0.3	0.15	16.5	<0.1	0.30	5	<0.5	<0.2
2625020	Drill Core	8	1.22	0.007	<1	9	0.46	12	<0.001	<20	0.09	0.004	0.05	0.4	38.04	2.0	<0.1	9.23	<1	0.7	2.0
2625021	Drill Core	7	0.35	0.010	<1	10	0.11	18	<0.001	<20	0.13	0.004	0.08	0.3	18.23	1.3	<0.1	9.44	<1	0.9	1.8
2625022	Drill Core	<2	0.36	0.001	<1	4	0.12	3	<0.001	<20	0.02	0.004	0.02	0.1	8.36	0.6	<0.1	1.47	<1	<0.5	0.3
2625023	Drill Core	2	1.03	0.028	<1	3	0.38	7	<0.001	<20	0.05	0.004	0.03	0.1	7.29	0.7	<0.1	1.78	<1	0.9	0.9
2625024	Drill Core	11	3.32	0.025	<1	6	1.44	14	<0.001	<20	0.11	0.004	0.04	0.2	3.18	3.7	<0.1	0.78	<1	<0.5	0.6
2625025	Drill Core	79	3.56	0.061	4	10	3.02	309	0.009	<20	1.90	0.026	0.12	<0.1	0.04	14.2	<0.1	<0.05	5	<0.5	<0.2
2625026	Rock	<2	37.20	0.004	<1	<1	1.87	4	<0.001	<20	0.03	0.001	<0.01	<0.1	<0.01	0.2	<0.1	0.11	<1	<0.5	0.3
2625027	Drill Core	11	2.27	0.066	<1	1	0.78	58	<0.001	<20	0.35	0.020	0.19	0.3	0.86	4.3	0.1	3.21	<1	<0.5	0.2
2625028	Drill Core	3	0.65	0.004	<1	3	0.20	11	<0.001	<20	0.06	0.008	0.04	0.1	17.47	0.8	<0.1	4.01	<1	1.0	1.0
2625029	Drill Core	21	6.25	0.037	2	1	0.83	31	0.006	<20	0.27	0.048	0.11	0.1	0.12	5.4	<0.1	0.79	<1	<0.5	<0.2
2625030	Rock Pulp	50	0.61	0.042	7	31	0.64	77	0.073	<20	1.07	0.073	0.19	21.1	3.25	4.0	1.1	1.34	4	2.2	0.6

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: Dome Mountain
Report Date: February 16, 2016

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CERTIFICATE OF ANALYSIS

	Method	MA404	MA404
Analyte		Cu	Zn
Unit		%	%
MDL		0.01	0.01
2625001	Drill Core		
2625002	Drill Core	0.35	1.50
2625003	Drill Core	0.47	4.07
2625004	Drill Core		
2625005	Drill Core	0.17	4.98
2625006	Drill Core		
2625007	Drill Core	0.09	1.05
2625008	Drill Core		
2625009	Drill Core		
2625010	Drill Core		
2625011	Drill Core		
2625012	Drill Core	0.57	4.47
2625013	Drill Core	0.33	3.23
2625014	Drill Core	0.17	2.11
2625015	Drill Core		
2625016	Drill Core		
2625017	Drill Core	0.23	5.20
2625018	Drill Core		
2625019	Drill Core		
2625020	Drill Core	1.32	0.86
2625021	Drill Core		
2625022	Drill Core		
2625023	Drill Core		
2625024	Drill Core		
2625025	Drill Core		
2625026	Rock		
2625027	Drill Core		
2625028	Drill Core	0.32	1.57
2625029	Drill Core		
2625030	Rock Pulp		

VAN16000216.1



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CERTIFICATE OF ANALYSIS

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Method	Analyte	Unit	WGHT	FA530	FA530	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	
			Wgt	Ag	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
			kg	gm/t	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
		MDL	0.01	20	0.9	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1
2625031	Drill Core		3.22	<20	<0.9	1.5	207.2	90.9	365	2.2	2.2	12.8	5076	4.40	55.8	<0.1	300.6	0.2	76	4.6	2.6	1.7
2625032	Drill Core		2.26	<20	<0.9	0.8	90.4	61.3	292	1.2	3.1	15.8	4635	4.03	59.2	<0.1	280.0	0.3	88	3.5	1.3	1.6
2625033	Drill Core		3.27	45	3.8	5.2	1122.7	830.0	249	44.0	5.2	14.2	1509	5.29	507.9	<0.1	3757.2	0.1	23	6.7	57.4	52.3
2625034	Drill Core		2.44	<20	1.7	0.4	598.3	477.4	6045	12.0	2.5	12.3	4794	4.60	213.1	<0.1	1627.2	0.4	43	101.7	12.2	13.9
2625035	Drill Core		1.48	<20	<0.9	0.6	754.0	30.2	200	7.3	3.4	12.4	3418	3.93	29.5	<0.1	118.7	0.4	71	1.7	5.6	2.6
2625036	Drill Core		1.13	22	2.1	3.1	943.7	319.5	1055	19.9	1.6	12.4	4285	4.01	152.5	<0.1	2009.7	0.3	60	16.4	20.7	5.1
2625037	Drill Core		2.65	<20	<0.9	3.0	1180.2	40.4	308	3.9	1.4	16.5	2849	4.19	46.4	<0.1	88.2	0.5	54	2.4	1.2	1.6
2625038	Drill Core		2.34	<20	<0.9	0.5	113.5	12.0	225	0.7	1.2	16.0	2755	4.68	15.8	<0.1	296.1	0.4	115	1.2	0.6	1.4
2625039	Drill Core		1.96	<20	<0.9	1.5	159.0	45.5	198	2.2	1.6	17.2	4432	5.26	82.6	<0.1	639.2	0.2	120	1.9	1.1	4.6
2625040	Rock		1.18	<20	<0.9	<0.1	1.6	0.3	2	<0.1	<0.1	<0.1	25	0.02	0.7	1.1	<0.5	<0.1	>2000	<0.1	<0.1	<0.1
2625041	Drill Core		3.35	<20	<0.9	0.2	30.2	9.3	232	0.3	0.7	14.6	3230	4.53	4.8	<0.1	24.3	0.3	137	1.3	0.3	0.9
2625042	Drill Core		2.58	<20	<0.9	<0.1	39.1	1.0	55	<0.1	155.9	37.3	929	3.73	5.5	0.1	1.6	0.2	109	<0.1	0.5	<0.1
2625043	Drill Core		2.75	<20	<0.9	<0.1	7.7	1.2	30	<0.1	80.9	18.6	882	2.26	4.9	<0.1	<0.5	0.1	173	<0.1	0.6	<0.1
2625044	Drill Core		2.56	<20	<0.9	<0.1	11.1	1.3	43	<0.1	132.7	32.9	938	3.57	4.5	0.1	0.7	0.2	147	<0.1	0.6	<0.1
2625045	Drill Core		4.13	<20	<0.9	<0.1	3.6	1.0	38	<0.1	115.6	28.2	738	2.51	19.4	0.2	<0.5	0.2	63	<0.1	0.6	<0.1
2625046	Rock Pulp		0.11	<20	9.7	942.1	54.0	9.3	55	1.4	27.4	11.5	365	3.33	18.5	0.3	7452.8	1.2	51	<0.1	24.2	0.4
2625047	Drill Core		2.06	<20	<0.9	0.1	128.7	1.7	47	0.1	134.1	32.6	1040	2.90	16.3	0.1	5.3	0.1	109	<0.1	0.4	<0.1
2625048	Drill Core		1.70	<20	<0.9	<0.1	933.0	0.8	59	0.7	136.9	35.0	1372	3.67	9.3	0.1	13.5	0.2	57	<0.1	0.2	<0.1
2625049	Drill Core		2.69	<20	<0.9	<0.1	3.2	0.4	16	<0.1	70.9	14.2	432	1.13	6.8	0.1	3.7	0.1	78	0.2	0.2	<0.1
2625050	Drill Core		4.49	<20	<0.9	<0.1	4.2	0.3	23	<0.1	105.2	22.3	405	1.52	7.7	0.1	4.6	0.2	79	<0.1	0.2	<0.1
2625051	Drill Core		4.80	<20	<0.9	<0.1	54.1	0.4	32	<0.1	111.6	25.9	423	1.31	6.2	0.1	2.7	0.2	113	<0.1	0.3	<0.1
2625052	Drill Core		3.53	<20	<0.9	<0.1	1.8	0.3	24	<0.1	95.6	19.6	512	1.48	8.4	0.1	0.6	0.2	70	0.1	0.2	<0.1
2625053	Drill Core		2.77	<20	<0.9	<0.1	2.2	0.4	11	<0.1	55.6	9.7	410	0.66	9.0	0.1	<0.5	<0.1	80	0.3	0.3	<0.1
2625054	Drill Core		3.11	<20	<0.9	<0.1	2.1	0.4	28	<0.1	99.4	21.5	609	1.78	7.2	0.1	1.0	0.2	60	<0.1	0.2	<0.1
2625055	Drill Core		2.12	<20	<0.9	<0.1	6.9	0.9	34	<0.1	156.5	32.4	1040	3.51	3.6	<0.1	<0.5	<0.1	61	0.6	0.2	<0.1
2625056	Drill Core		3.88	<20	<0.9	1.8	66.1	14.5	81	0.4	141.6	33.0	2435	4.43	19.4	<0.1	26.5	0.1	77	0.5	0.2	0.2
2625057	Drill Core		3.47	<20	<0.9	1.3	11.7	16.1	103	0.3	121.6	29.3	2160	4.28	15.4	<0.1	22.5	0.2	57	0.6	0.2	0.3
2625058	Rock		1.29	<20	<0.9	<0.1	1.1	0.2	1	<0.1	<0.1	<0.1	26	0.02	<0.5	1.2	1.7	<0.1	>2000	<0.1	<0.1	<0.1
2625059	Drill Core		3.81	<20	<0.9	0.6	104.7	5.7	68	0.5	129.8	30.8	1727	3.82	3.6	<0.1	8.8	0.1	62	0.3	0.1	0.1
2625060	Drill Core		2.12	<20	<0.9	0.2	589.2	0.6	45	0.9	195.4	30.2	920	3.28	0.9	0.1	4.5	0.1	52	<0.1	<0.1	<0.1

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Project: Dome Mountain
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CERTIFICATE OF ANALYSIS

VAN16000216.1

Method	Analyte	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200									
		V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2
2625031	Drill Core	13	4.79	0.054	1	<1	1.34	65	<0.001	<20	0.46	0.022	0.18	0.2	0.16	4.6	<0.1	1.55	1	<0.5	<0.2
2625032	Drill Core	15	5.43	0.057	1	<1	1.86	62	<0.001	<20	0.37	0.024	0.18	0.2	0.06	5.8	<0.1	1.58	1	<0.5	<0.2
2625033	Drill Core	6	1.05	0.038	<1	2	0.30	35	<0.001	<20	0.20	0.015	0.12	0.4	0.84	1.1	<0.1	5.35	<1	<0.5	0.6
2625034	Drill Core	11	2.60	0.062	2	<1	0.72	109	<0.001	<20	0.49	0.024	0.30	8.7	2.58	3.4	0.2	3.98	1	<0.5	0.2
2625035	Drill Core	14	3.89	0.051	2	1	1.27	146	0.001	<20	0.73	0.023	0.23	0.2	0.08	5.1	0.1	1.12	2	<0.5	<0.2
2625036	Drill Core	8	3.58	0.035	<1	1	0.99	113	<0.001	<20	0.34	0.019	0.16	0.3	0.66	2.7	<0.1	2.71	<1	<0.5	0.3
2625037	Drill Core	20	3.82	0.063	2	<1	1.37	131	0.001	<20	1.31	0.035	0.28	0.2	0.05	5.4	0.1	1.03	3	<0.5	<0.2
2625038	Drill Core	30	4.21	0.058	2	<1	1.80	359	0.001	<20	1.15	0.029	0.18	0.2	<0.01	6.6	0.1	0.95	3	<0.5	<0.2
2625039	Drill Core	18	5.27	0.045	<1	<1	1.98	184	<0.001	<20	0.69	0.024	0.20	0.3	0.01	4.3	0.2	2.25	2	<0.5	<0.2
2625040	Rock	<2	36.39	0.004	<1	<1	1.73	4	<0.001	<20	0.03	<0.001	<0.01	<0.1	<0.01	0.2	<0.1	0.08	<1	<0.5	0.3
2625041	Drill Core	24	5.47	0.046	2	<1	2.24	634	<0.001	<20	0.97	0.022	0.18	0.1	<0.01	6.4	<0.1	0.55	2	<0.5	<0.2
2625042	Drill Core	138	3.61	0.061	2	395	4.97	23	0.111	<20	3.37	0.022	0.01	<0.1	<0.01	18.8	<0.1	<0.05	9	<0.5	<0.2
2625043	Drill Core	75	8.58	0.037	2	215	2.62	152	0.049	<20	1.99	0.013	0.04	<0.1	<0.01	8.4	<0.1	<0.05	4	<0.5	<0.2
2625044	Drill Core	119	5.14	0.059	2	360	3.89	940	0.066	<20	2.80	0.030	0.02	<0.1	<0.01	17.1	<0.1	<0.05	7	<0.5	<0.2
2625045	Drill Core	70	2.95	0.057	2	187	3.38	17	0.132	<20	2.02	0.037	0.02	<0.1	<0.01	5.2	<0.1	<0.05	5	<0.5	<0.2
2625046	Rock Pulp	49	0.61	0.040	7	29	0.62	87	0.070	<20	1.08	0.074	0.19	19.8	3.35	3.5	0.9	1.40	4	1.9	0.7
2625047	Drill Core	73	5.44	0.050	<1	290	3.69	184	0.163	<20	2.77	0.008	<0.01	0.1	<0.01	6.5	<0.1	<0.05	6	<0.5	<0.2
2625048	Drill Core	112	4.26	0.062	2	252	4.46	30	0.114	<20	3.15	0.023	0.01	0.1	<0.01	9.9	<0.1	<0.05	8	<0.5	<0.2
2625049	Drill Core	49	11.02	0.041	2	153	1.72	79	0.096	<20	1.16	0.017	0.03	<0.1	0.01	3.4	<0.1	<0.05	2	<0.5	<0.2
2625050	Drill Core	59	3.39	0.056	2	136	2.45	24	0.102	<20	1.55	0.022	0.07	<0.1	<0.01	5.4	<0.1	<0.05	3	<0.5	<0.2
2625051	Drill Core	57	3.12	0.055	2	169	2.82	11	0.149	<20	1.89	0.004	<0.01	0.1	<0.01	4.5	<0.1	<0.05	3	<0.5	<0.2
2625052	Drill Core	52	5.37	0.055	2	168	2.58	5	0.105	<20	1.54	0.025	0.01	<0.1	<0.01	3.9	<0.1	<0.05	3	<0.5	<0.2
2625053	Drill Core	31	12.57	0.034	<1	110	0.93	3	0.114	<20	0.82	0.004	<0.01	0.1	<0.01	2.9	<0.1	<0.05	1	<0.5	<0.2
2625054	Drill Core	62	4.27	0.055	2	173	3.03	10	0.104	<20	1.76	0.025	0.04	0.2	<0.01	4.3	<0.1	<0.05	4	<0.5	<0.2
2625055	Drill Core	52	12.70	0.054	<1	221	3.31	48	0.125	<20	2.86	0.008	0.09	0.5	<0.01	6.8	<0.1	<0.05	5	<0.5	<0.2
2625056	Drill Core	45	8.95	0.061	1	197	3.00	45	0.090	<20	2.88	0.005	0.16	0.7	0.01	7.2	<0.1	1.37	5	<0.5	<0.2
2625057	Drill Core	47	11.19	0.059	<1	192	2.98	47	0.075	<20	2.84	0.003	0.16	1.7	0.03	7.5	<0.1	1.63	5	<0.5	<0.2
2625058	Rock	<2	38.56	0.005	<1	<1	1.83	4	<0.001	<20	0.03	<0.001	<0.01	<0.1	<0.01	0.1	<0.1	0.09	<1	<0.5	0.3
2625059	Drill Core	107	6.19	0.054	1	275	4.29	18	0.127	<20	3.31	0.013	0.06	1.4	<0.01	7.3	<0.1	0.46	6	<0.5	<0.2
2625060	Drill Core	92	3.54	0.054	2	346	4.90	8	0.129	<20	3.40	0.007	<0.01	0.2	<0.01	3.8	<0.1	<0.05	6	<0.5	<0.2

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PHONE (604) 253-3158

Client: **Gavin Mines Inc.**
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PO Box 2080
Smithers BC V0J 2N0 CANADA

Project: Dome Mountain
Report Date: February 16, 2016

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CERTIFICATE OF ANALYSIS

Method	MA404	MA404
Analyte	Cu	Zn
Unit	%	%
MDL	0.01	0.01
2625031	Drill Core	
2625032	Drill Core	
2625033	Drill Core	
2625034	Drill Core	
2625035	Drill Core	
2625036	Drill Core	
2625037	Drill Core	
2625038	Drill Core	
2625039	Drill Core	
2625040	Rock	
2625041	Drill Core	
2625042	Drill Core	
2625043	Drill Core	
2625044	Drill Core	
2625045	Drill Core	
2625046	Rock Pulp	
2625047	Drill Core	
2625048	Drill Core	
2625049	Drill Core	
2625050	Drill Core	
2625051	Drill Core	
2625052	Drill Core	
2625053	Drill Core	
2625054	Drill Core	
2625055	Drill Core	
2625056	Drill Core	
2625057	Drill Core	
2625058	Rock	
2625059	Drill Core	
2625060	Drill Core	

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CERTIFICATE OF ANALYSIS

VAN16000216.1

Method	Analyte	WGHT	FA530	FA530	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
		Wgt	Ag	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.01	20	0.9	0.1	0.1	0.1	1	0.1	0.1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1
2625061	Drill Core	2.31	<20	<0.9	<0.1	1252.0	0.8	37	2.0	160.9	24.6	910	2.30	1.7	<0.1	5.3	<0.1	63	<0.1	<0.1	<0.1
2625062	Drill Core	2.88	<20	<0.9	<0.1	395.9	0.8	34	0.6	166.9	26.9	681	2.36	2.0	<0.1	<0.5	0.1	62	<0.1	<0.1	<0.1
2625063	Drill Core	1.83	<20	<0.9	0.1	115.7	0.6	40	0.3	183.5	30.6	915	2.99	1.8	0.1	0.6	0.1	56	0.1	<0.1	<0.1
2625064	Drill Core	2.72	<20	<0.9	1.1	149.5	14.3	483	1.0	3.1	15.5	2917	4.03	31.5	<0.1	119.8	0.3	97	6.1	0.9	1.7
2625065	Drill Core	2.15	29	3.4	2.7	6778.4	330.8	>10000	36.2	2.1	21.5	2159	10.21	322.9	<0.1	4707.3	0.3	48	167.7	10.3	23.6
2625066	Drill Core	2.15	<20	1.0	0.7	1806.5	26.1	>10000	9.9	2.2	19.8	4347	7.05	261.0	<0.1	1102.8	0.3	35	130.9	3.9	8.0
2625067	Rock Pulp	0.11	<20	7.6	70.6	1060.1	329.2	1333	7.3	68.2	14.8	426	3.21	135.8	0.8	5880.9	2.2	47	6.0	8.9	2.6
2625068	Drill Core	3.52	<20	<0.9	2.4	63.7	11.8	186	0.5	1.8	21.7	2724	5.49	21.4	0.1	51.0	0.4	121	0.2	0.5	1.1
2625069	Drill Core	3.67	<20	<0.9	0.7	183.1	17.3	809	0.9	2.3	20.6	2325	5.00	16.3	0.2	17.2	0.5	92	10.1	0.4	0.8
2625070	Drill Core	2.70	<20	<0.9	1.8	1072.0	115.6	6111	4.8	1.7	16.9	3467	4.33	168.0	<0.1	231.2	0.4	77	95.6	1.1	3.4
2625071	Drill Core	2.04	<20	2.7	0.1	77.4	25.9	352	1.8	2.1	22.2	2486	6.15	27.2	<0.1	1778.3	0.5	127	1.0	0.4	7.1
2625072	Drill Core	1.82	<20	<0.9	0.2	40.9	7.5	271	0.4	2.1	16.0	1414	4.46	10.9	0.1	5.6	0.4	526	0.5	0.9	0.8
2625073	Drill Core	1.14	<20	<0.9	1.5	1010.1	49.1	>10000	5.2	2.6	14.5	1740	4.88	131.6	<0.1	539.4	0.3	>2000	186.8	2.5	7.6
2625074	Drill Core	1.77	<20	<0.9	0.3	78.0	42.4	869	2.0	3.2	21.1	1524	5.55	83.4	0.1	27.4	0.4	112	7.1	1.7	3.9
2625075	Drill Core	4.00	<20	<0.9	<0.1	21.2	0.3	40	<0.1	180.5	32.4	737	2.71	7.1	0.1	3.6	0.2	62	0.1	0.8	<0.1
2625076	Drill Core	1.20	<20	<0.9	<0.1	7.5	0.3	31	<0.1	135.8	25.2	853	2.34	7.5	<0.1	2.8	0.1	75	0.1	1.0	<0.1
2625077	Rock	0.64	<20	<0.9	<0.1	4.3	0.3	3	<0.1	<0.1	<0.1	22	0.03	<0.5	1.1	2.3	<0.1	>2000	<0.1	<0.1	<0.1
2625078	Drill Core	2.40	<20	<0.9	0.1	6.6	0.5	33	<0.1	173.4	29.5	715	2.61	6.4	0.1	4.0	0.1	63	<0.1	0.7	<0.1
2625079	Drill Core	1.64	<20	<0.9	0.2	181.1	6.3	114	0.9	115.7	31.5	1385	4.21	2.4	0.3	12.8	0.4	270	0.3	0.1	<0.1
2625080	Drill Core	1.44	<20	7.4	5.5	174.1	340.4	267	6.4	83.8	29.7	2477	6.38	26.6	0.3	7549.2	0.3	290	1.2	0.3	9.0
2625081	Drill Core	1.97	<20	<0.9	0.4	67.9	3.5	108	0.1	14.0	17.0	1127	3.62	4.3	0.2	15.6	0.9	214	0.2	0.1	<0.1
2625082	Drill Core	1.87	<20	<0.9	<0.1	72.8	3.4	65	0.1	62.9	23.7	1553	2.61	1.8	0.1	21.3	0.3	251	<0.1	0.1	<0.1
2625083	Drill Core	3.01	<20	<0.9	<0.1	31.0	3.9	44	0.1	23.4	15.8	1104	3.27	3.7	0.3	3.7	0.7	214	0.1	0.2	<0.1
2625084	Drill Core	2.80	<20	<0.9	0.2	150.7	4.0	84	0.6	98.8	27.3	1496	4.28	6.3	0.2	14.0	0.6	151	0.2	0.5	0.2
2625085	Drill Core	3.27	<20	<0.9	<0.1	166.1	3.8	90	0.7	225.8	39.8	2009	5.17	5.9	<0.1	13.8	0.3	177	0.3	<0.1	0.3
2625086	Drill Core	1.11	<20	<0.9	1.2	124.1	8.0	119	0.7	163.2	30.6	3008	4.32	7.8	<0.1	7.8	0.2	252	0.8	0.4	1.0
2625087	Drill Core	2.00	<20	<0.9	<0.1	117.5	3.5	93	0.6	215.2	38.4	2108	5.16	4.5	<0.1	7.6	0.3	165	<0.1	0.1	0.3
2625088	Rock Pulp	0.11	<20	9.6	907.6	57.5	9.5	57	1.4	28.4	11.4	370	3.31	17.5	0.3	7221.9	1.2	53	<0.1	24.4	0.3
2625089	Drill Core	4.53	<20	<0.9	0.5	36.0	14.2	62	0.5	1.4	8.9	1575	2.63	12.0	<0.1	222.7	0.6	83	0.3	0.8	0.9
2625090	Drill Core	2.85	<20	<0.9	1.5	354.1	66.8	171	4.5	4.9	13.1	2642	3.82	51.2	<0.1	572.5	0.5	55	1.6	4.3	4.8

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Project: Dome Mountain
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CERTIFICATE OF ANALYSIS

VAN16000216.1

Method	Analyte	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200									
		V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.01	0.05	1	0.5	0.2
2625061	Drill Core	68	7.93	0.043	1	303	3.53	40	0.124	<20	2.51	0.002	<0.01	0.3	0.01	3.8	<0.1	<0.05	4	<0.5	<0.2
2625062	Drill Core	67	4.43	0.049	1	326	3.70	54	0.140	<20	2.57	0.003	<0.01	0.2	<0.01	2.8	<0.1	<0.05	4	<0.5	<0.2
2625063	Drill Core	96	6.61	0.050	2	324	4.38	3	0.131	<20	3.15	0.007	<0.01	0.2	<0.01	4.2	<0.1	<0.05	5	<0.5	<0.2
2625064	Drill Core	17	4.36	0.052	1	1	1.45	339	0.002	<20	0.74	0.022	0.14	0.2	0.04	3.9	<0.1	0.87	2	<0.5	<0.2
2625065	Drill Core	21	2.58	0.025	<1	1	1.13	50	0.001	<20	0.98	0.014	0.15	0.6	0.71	4.2	<0.1	7.74	2	0.7	0.3
2625066	Drill Core	40	2.36	0.030	<1	<1	1.58	44	0.001	<20	1.64	0.013	0.17	0.2	0.51	5.2	<0.1	3.51	3	<0.5	<0.2
2625067	Rock Pulp	57	0.91	0.061	12	31	0.63	326	0.076	<20	1.15	0.070	0.12	33.4	0.98	3.7	0.6	0.59	4	2.0	0.5
2625068	Drill Core	87	3.93	0.037	2	1	2.15	231	0.003	<20	2.86	0.022	0.10	<0.1	<0.01	7.6	<0.1	0.76	7	<0.5	0.3
2625069	Drill Core	69	4.03	0.036	2	2	1.75	79	0.003	<20	2.59	0.023	0.12	<0.1	0.01	6.7	<0.1	0.46	7	<0.5	<0.2
2625070	Drill Core	13	3.65	0.031	1	1	0.84	67	<0.001	<20	0.58	0.007	0.18	0.2	0.20	2.3	<0.1	3.19	1	<0.5	<0.2
2625071	Drill Core	83	3.17	0.031	1	1	2.13	98	0.003	<20	3.08	0.022	0.13	<0.1	0.01	6.6	<0.1	0.99	8	<0.5	<0.2
2625072	Drill Core	37	1.68	0.048	3	2	1.66	74	0.002	<20	2.57	0.022	0.17	<0.1	0.01	2.9	<0.1	0.24	5	<0.5	<0.2
2625073	Drill Core	25	1.21	0.046	1	2	1.34	104	0.002	<20	2.02	0.012	0.18	0.1	0.46	2.5	<0.1	2.32	4	<0.5	0.5
2625074	Drill Core	35	0.69	0.059	2	<1	2.19	48	0.002	<20	2.92	0.010	0.20	0.1	<0.01	3.1	<0.1	1.15	5	<0.5	<0.2
2625075	Drill Core	85	4.03	0.062	2	358	4.02	9	0.111	<20	2.63	0.014	0.03	<0.1	<0.01	5.3	<0.1	<0.05	5	<0.5	<0.2
2625076	Drill Core	68	7.13	0.048	1	316	3.97	4	0.085	<20	2.60	0.004	<0.01	<0.1	<0.01	5.8	<0.1	<0.05	5	<0.5	<0.2
2625077	Rock	<2	36.20	0.005	<1	<1	1.80	4	<0.001	<20	<0.01	0.001	<0.01	<0.1	<0.01	0.2	<0.1	0.11	<1	<0.5	<0.2
2625078	Drill Core	79	4.23	0.056	2	306	3.71	7	0.111	<20	2.45	0.016	0.02	<0.1	<0.01	4.5	<0.1	<0.05	5	<0.5	<0.2
2625079	Drill Core	74	9.30	0.058	3	190	3.93	71	0.008	<20	3.56	0.002	0.10	<0.1	0.01	8.5	<0.1	<0.05	6	<0.5	<0.2
2625080	Drill Core	99	7.58	0.057	2	176	4.02	103	0.004	<20	3.85	0.003	0.07	0.1	0.02	10.0	<0.1	2.38	7	<0.5	0.4
2625081	Drill Core	32	4.73	0.077	5	9	2.70	37	0.004	<20	2.83	0.003	0.15	<0.1	<0.01	3.6	<0.1	<0.05	5	<0.5	<0.2
2625082	Drill Core	47	6.33	0.043	3	123	3.49	413	0.003	<20	3.05	0.005	0.07	<0.1	0.01	6.9	<0.1	<0.05	6	<0.5	<0.2
2625083	Drill Core	38	5.00	0.048	6	50	2.25	609	0.007	<20	2.36	0.006	0.12	<0.1	<0.01	4.2	<0.1	<0.05	4	<0.5	<0.2
2625084	Drill Core	72	4.74	0.052	5	181	3.78	67	0.004	<20	3.45	0.005	0.10	<0.1	<0.01	11.6	<0.1	<0.05	7	<0.5	<0.2
2625085	Drill Core	186	5.88	0.053	4	451	5.85	187	0.006	<20	5.33	0.003	<0.01	<0.1	<0.01	30.5	<0.1	<0.05	10	<0.5	<0.2
2625086	Drill Core	123	9.06	0.044	5	324	4.81	465	0.004	<20	4.00	0.002	0.01	<0.1	<0.01	23.2	<0.1	<0.05	8	<0.5	<0.2
2625087	Drill Core	187	5.92	0.053	4	420	5.79	40	0.006	<20	5.39	0.004	<0.01	<0.1	<0.01	27.6	<0.1	<0.05	10	<0.5	<0.2
2625088	Rock Pulp	48	0.63	0.039	6	28	0.62	74	0.071	<20	1.09	0.075	0.20	19.5	3.30	3.5	1.0	1.37	4	1.1	0.9
2625089	Drill Core	5	2.60	0.073	2	2	0.84	149	<0.001	<20	0.51	0.016	0.20	>100	0.02	2.8	<0.1	1.71	<1	<0.5	<0.2
2625090	Drill Core	6	2.44	0.068	1	2	0.83	96	<0.001	<20	0.54	0.014	0.17	73.8	0.06	2.0	<0.1	2.55	<1	<0.5	0.3

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	Method	MA404	MA404
Analyte		Cu	Zn
Unit		%	%
MDL		0.01	0.01
2625061	Drill Core		
2625062	Drill Core		
2625063	Drill Core		
2625064	Drill Core		
2625065	Drill Core	0.68	1.28
2625066	Drill Core	0.17	1.09
2625067	Rock Pulp		
2625068	Drill Core		
2625069	Drill Core		
2625070	Drill Core		
2625071	Drill Core		
2625072	Drill Core		
2625073	Drill Core	0.10	1.21
2625074	Drill Core		
2625075	Drill Core		
2625076	Drill Core		
2625077	Rock		
2625078	Drill Core		
2625079	Drill Core		
2625080	Drill Core		
2625081	Drill Core		
2625082	Drill Core		
2625083	Drill Core		
2625084	Drill Core		
2625085	Drill Core		
2625086	Drill Core		
2625087	Drill Core		
2625088	Rock Pulp		
2625089	Drill Core		
2625090	Drill Core		

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Method	Analyte	WGHT	FA530	FA530	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	
		Wgt	Ag	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.01	20	0.9	0.1	0.1	0.1	1	0.1	0.1	0.1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1
2625091	Drill Core	3.64	<20	<0.9	1.2	157.2	67.0	385	3.0	1.8	15.9	1621	3.77	26.3	<0.1	117.3	0.5	133	4.3	1.9	5.2
2625092	Drill Core	2.45	<20	<0.9	0.6	100.3	15.9	197	0.6	4.3	20.7	1969	4.92	4.4	<0.1	11.2	0.4	157	0.2	0.7	1.6
2625093	Drill Core	1.21	<20	<0.9	0.8	3280.5	132.7	187	11.5	3.3	18.8	2363	4.56	10.4	<0.1	47.1	0.3	124	1.1	2.2	30.5
2625094	Drill Core	1.89	<20	<0.9	<0.1	55.4	5.1	214	0.1	3.5	18.5	1008	3.17	3.8	0.1	3.3	0.6	83	0.2	0.5	0.2
2625201	Drill Core	4.58	<20	<0.9	0.3	55.9	5.7	137	0.2	1.2	15.5	1680	3.71	5.1	<0.1	18.3	0.5	89	<0.1	0.8	0.1
2625202	Drill Core	3.94	<20	<0.9	0.9	159.8	4.9	138	0.3	1.4	17.7	2150	4.94	1.8	<0.1	4.1	0.5	110	<0.1	0.5	0.1
2625203	Drill Core	1.39	<20	<0.9	0.4	369.7	4.8	106	1.7	1.3	11.9	3675	3.93	4.6	<0.1	19.8	0.3	139	0.3	0.5	0.5
2625204	Drill Core	3.38	<20	<0.9	0.1	32.6	4.7	141	0.3	1.8	16.9	1737	4.58	0.8	0.1	7.6	0.5	114	0.2	0.1	<0.1
2625205	Drill Core	3.75	<20	<0.9	0.1	35.7	7.7	83	0.1	4.7	12.8	1287	4.84	4.5	<0.1	2.8	0.4	60	0.4	0.2	<0.1
2625206	Drill Core	3.39	<20	<0.9	0.3	38.6	7.8	74	<0.1	4.5	12.4	1306	4.28	7.1	<0.1	<0.5	0.3	77	0.4	0.5	<0.1
2625207	Drill Core	2.15	<20	<0.9	0.2	45.7	6.0	71	0.8	6.0	13.9	1384	4.62	6.9	<0.1	1.5	0.4	135	0.3	0.2	<0.1
2625208	Drill Core	2.98	<20	<0.9	0.2	7.4	5.8	48	<0.1	9.0	12.6	692	3.43	1.8	0.4	3.1	1.0	270	<0.1	1.2	<0.1
2625209	Drill Core	5.09	<20	<0.9	<0.1	5.8	4.0	75	<0.1	3.6	17.5	1357	3.10	1.5	0.2	11.5	0.7	129	<0.1	0.6	<0.1
2625210	Drill Core	3.67	<20	<0.9	0.3	132.3	11.4	76	0.5	4.6	18.3	841	4.03	9.2	0.2	275.0	0.6	92	0.3	0.7	1.5
2625211	Drill Core	3.61	<20	<0.9	0.1	129.8	4.5	79	<0.1	4.9	19.2	772	3.31	1.2	0.1	4.0	0.5	108	0.3	0.7	0.1
2625212	Drill Core	4.61	<20	<0.9	0.4	40.9	2.8	40	<0.1	4.3	14.8	147	1.63	0.7	0.1	2.4	0.6	26	0.3	0.3	0.1
2625213	Drill Core	2.66	<20	<0.9	0.4	52.4	6.4	57	0.2	3.8	15.2	421	2.12	0.9	<0.1	<0.5	0.5	42	0.5	0.4	0.1
2625214	Drill Core	3.37	<20	<0.9	0.1	214.6	3.4	153	0.9	3.7	18.7	1061	4.40	3.0	<0.1	<0.5	0.5	67	0.6	1.2	<0.1
2625215	Drill Core	2.88	<20	<0.9	0.4	40.3	172.1	54	2.5	5.8	28.2	292	2.55	2.0	0.1	28.0	0.3	27	0.8	0.2	2.3
2625216	Drill Core	3.58	<20	<0.9	0.2	55.8	14.4	64	0.8	4.9	22.0	418	2.93	1.5	<0.1	8.8	0.3	33	0.4	0.2	0.2
2625217	Drill Core	3.76	<20	<0.9	0.2	8.0	5.9	170	<0.1	5.3	16.5	2810	3.69	11.3	<0.1	<0.5	0.4	107	0.7	1.1	<0.1
2625218	Drill Core	3.08	<20	<0.9	0.3	35.3	19.5	318	0.4	4.1	15.4	3420	4.12	15.3	<0.1	30.3	0.3	135	3.0	1.3	0.6
2625219	Drill Core	2.02	99	22.6	4.2	3894.2	2001.3	>10000	>100	5.3	23.9	1684	8.45	1138.3	<0.1	24403.6	<0.1	30	174.3	741.9	133.8
2625220	Rock Pulp	0.11	<20	7.6	70.1	1028.5	328.0	1255	7.2	69.5	15.5	417	3.19	132.2	0.8	6493.5	2.0	48	5.7	7.9	2.1
2625221	Rock	1.22	<20	<0.9	<0.1	1.6	0.7	2	<0.1	<0.1	<0.1	24	0.03	<0.5	1.3	3.1	<0.1	>2000	<0.1	0.3	<0.1
2625222	Drill Core	4.09	<20	3.6	0.8	2902.5	98.0	1830	20.9	2.7	18.9	3424	5.90	355.2	<0.1	4176.9	0.3	53	29.7	111.1	11.3
2625223	Drill Core	5.49	<20	<0.9	0.3	61.8	59.8	379	1.1	0.8	12.5	3540	3.66	51.1	<0.1	101.4	0.4	57	5.2	2.8	2.1
2625224	Drill Core	1.23	<20	<0.9	0.3	482.4	77.4	396	6.9	1.3	9.7	3028	3.24	182.6	<0.1	150.5	0.2	45	7.4	60.6	2.4
2625225	Drill Core	4.78	<20	<0.9	0.1	17.1	22.5	204	0.3	0.7	10.6	2287	3.18	24.7	<0.1	107.4	0.4	54	2.2	1.1	0.5
2625226	Drill Core	2.35	<20	<0.9	0.1	8.1	17.0	147	0.1	1.0	13.8	2441	3.27	17.4	<0.1	345.5	0.3	67	0.9	0.6	0.2

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Project: Dome Mountain
Report Date: February 16, 2016

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CERTIFICATE OF ANALYSIS

VAN16000216.1

Analyte	Method	AQ200																			
		V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
2625091	Drill Core	27	3.28	0.070	2	1	1.26	497	0.002	<20	1.44	0.026	0.19	0.3	0.07	4.6	<0.1	0.79	3	<0.5	<0.2
2625092	Drill Core	50	4.64	0.053	2	3	1.77	649	0.002	<20	2.75	0.020	0.12	0.1	0.01	5.0	<0.1	0.14	7	<0.5	<0.2
2625093	Drill Core	30	5.97	0.038	2	1	1.58	191	0.001	<20	1.65	0.016	0.13	0.2	0.03	5.1	<0.1	1.18	4	<0.5	0.5
2625094	Drill Core	33	3.35	0.062	4	1	1.64	57	0.014	<20	1.64	0.030	0.12	0.1	<0.01	4.7	<0.1	<0.05	4	<0.5	<0.2
2625201	Drill Core	35	4.19	0.042	2	<1	1.81	347	0.006	<20	1.65	0.027	0.10	<0.1	<0.01	6.6	<0.1	<0.05	4	<0.5	<0.2
2625202	Drill Core	51	4.34	0.042	2	1	1.76	280	0.002	<20	2.20	0.038	0.11	<0.1	0.02	5.9	<0.1	0.15	5	<0.5	<0.2
2625203	Drill Core	24	6.64	0.030	1	1	1.77	120	<0.001	<20	0.87	0.029	0.09	<0.1	0.02	5.0	<0.1	0.06	2	<0.5	<0.2
2625204	Drill Core	60	4.63	0.039	3	1	1.69	319	0.002	<20	2.04	0.042	0.08	<0.1	<0.01	7.1	<0.1	<0.05	5	<0.5	<0.2
2625205	Drill Core	79	1.90	0.035	7	7	1.50	24	0.002	<20	1.79	0.044	0.02	<0.1	<0.01	12.0	<0.1	<0.05	9	<0.5	<0.2
2625206	Drill Core	88	2.08	0.041	6	7	1.37	447	0.002	<20	1.47	0.050	0.01	<0.1	0.02	12.3	<0.1	<0.05	8	<0.5	<0.2
2625207	Drill Core	80	3.30	0.043	5	7	1.79	16	0.002	<20	1.34	0.039	0.04	1.1	<0.01	11.2	<0.1	<0.05	6	<0.5	<0.2
2625208	Drill Core	19	3.90	0.051	4	5	1.15	1313	0.015	<20	0.32	0.015	0.20	<0.1	<0.01	9.2	0.1	<0.05	<1	<0.5	<0.2
2625209	Drill Core	42	3.77	0.040	4	3	1.72	548	0.016	<20	1.68	0.038	0.10	<0.1	0.03	6.7	<0.1	<0.05	4	<0.5	<0.2
2625210	Drill Core	34	3.71	0.046	3	2	0.68	332	0.006	<20	1.57	0.023	0.16	<0.1	<0.01	4.4	<0.1	0.92	4	<0.5	<0.2
2625211	Drill Core	39	3.05	0.043	3	2	1.11	1109	0.004	<20	2.04	0.032	0.16	<0.1	<0.01	5.2	<0.1	<0.05	5	<0.5	<0.2
2625212	Drill Core	18	0.27	0.066	4	1	0.54	283	<0.001	<20	0.99	0.021	0.11	<0.1	<0.01	2.3	<0.1	0.09	2	<0.5	<0.2
2625213	Drill Core	18	0.98	0.063	4	2	0.76	829	<0.001	<20	1.06	0.022	0.11	<0.1	<0.01	2.9	<0.1	0.12	3	<0.5	<0.2
2625214	Drill Core	75	2.37	0.048	4	3	1.95	921	0.003	<20	2.71	0.022	0.04	<0.1	<0.01	9.4	<0.1	<0.05	7	<0.5	<0.2
2625215	Drill Core	27	0.23	0.051	1	2	0.93	394	<0.001	<20	1.32	0.020	0.11	<0.1	0.07	3.2	<0.1	0.71	4	<0.5	<0.2
2625216	Drill Core	44	0.60	0.053	2	3	1.12	652	0.001	<20	1.57	0.026	0.10	0.2	0.09	4.8	<0.1	0.41	4	<0.5	<0.2
2625217	Drill Core	26	6.55	0.046	3	2	2.57	23	<0.001	<20	0.45	0.018	0.09	<0.1	0.20	7.2	<0.1	<0.05	<1	<0.5	<0.2
2625218	Drill Core	33	7.17	0.037	2	2	2.64	25	<0.001	<20	0.21	0.021	0.10	<0.1	0.37	6.9	<0.1	0.15	<1	<0.5	<0.2
2625219	Drill Core	6	1.63	0.012	<1	2	0.54	15	<0.001	<20	0.07	0.005	0.05	0.2	14.26	1.4	<0.1	8.40	<1	<0.5	1.3
2625220	Rock Pulp	58	0.89	0.061	11	30	0.65	325	0.075	<20	1.11	0.069	0.12	31.8	0.97	4.0	0.7	0.57	4	1.9	0.4
2625221	Rock	<2	38.53	0.005	<1	<1	1.80	4	<0.001	<20	0.03	0.002	<0.01	<0.1	<0.01	0.2	<0.1	0.10	<1	<0.5	0.3
2625222	Drill Core	11	2.56	0.031	<1	<1	0.88	26	<0.001	<20	0.17	0.009	0.11	0.3	2.99	4.6	<0.1	5.07	<1	<0.5	<0.2
2625223	Drill Core	6	3.38	0.040	2	<1	1.27	80	<0.001	<20	0.26	0.009	0.15	0.1	0.28	4.7	<0.1	2.21	<1	<0.5	<0.2
2625224	Drill Core	4	2.59	0.018	<1	1	0.93	48	<0.001	<20	0.14	0.006	0.11	0.2	1.10	2.0	<0.1	2.34	<1	<0.5	<0.2
2625225	Drill Core	7	3.38	0.038	2	<1	1.23	170	<0.001	<20	0.28	0.013	0.16	<0.1	0.11	4.5	<0.1	1.04	<1	<0.5	<0.2
2625226	Drill Core	10	4.46	0.032	1	<1	1.66	63	<0.001	<20	0.33	0.014	0.16	<0.1	0.02	4.1	<0.1	0.72	<1	<0.5	<0.2

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Project: Dome Mountain
Report Date: February 16, 2016

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CERTIFICATE OF ANALYSIS

	Method	MA404	MA404
Analyte		Cu	Zn
Unit		%	%
MDL		0.01	0.01
2625091	Drill Core		
2625092	Drill Core		
2625093	Drill Core		
2625094	Drill Core		
2625201	Drill Core		
2625202	Drill Core		
2625203	Drill Core		
2625204	Drill Core		
2625205	Drill Core		
2625206	Drill Core		
2625207	Drill Core		
2625208	Drill Core		
2625209	Drill Core		
2625210	Drill Core		
2625211	Drill Core		
2625212	Drill Core		
2625213	Drill Core		
2625214	Drill Core		
2625215	Drill Core		
2625216	Drill Core		
2625217	Drill Core		
2625218	Drill Core		
2625219	Drill Core	0.38	1.10
2625220	Rock Pulp		
2625221	Rock		
2625222	Drill Core		
2625223	Drill Core		
2625224	Drill Core		
2625225	Drill Core		
2625226	Drill Core		

VAN16000216.1



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Project: Dome Mountain
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CERTIFICATE OF ANALYSIS

VAN16000216.1

Method	Analyte	WGHT	FA530	FA530	AQ200	AQ200	AQ200	AQ200	AQ200												
		Wgt	Ag	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	gm/t	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm						
MDL		0.01	20	0.9	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1
2625227	Drill Core	1.41	<20	<0.9	0.6	36.0	24.0	326	0.8	1.3	10.4	2997	3.28	20.9	<0.1	198.8	0.3	65	4.3	2.1	1.4
2625228	Drill Core	3.98	<20	<0.9	0.2	30.2	11.5	344	0.4	1.3	14.1	2526	4.00	11.8	<0.1	1074.8	0.4	59	3.4	1.8	0.8
2625229	Drill Core	5.94	<20	<0.9	0.1	3.6	7.0	211	<0.1	0.7	12.6	1523	3.24	2.7	<0.1	1.8	0.4	157	8.0	0.5	<0.1
2625230	Drill Core	5.97	<20	<0.9	0.2	15.0	6.6	135	0.1	0.9	10.9	2298	3.52	8.7	<0.1	21.7	0.4	90	1.8	0.6	0.4
2625231	Drill Core	3.72	<20	<0.9	0.1	5.7	6.5	137	<0.1	0.7	10.4	2274	3.54	1.9	<0.1	32.4	0.4	105	1.1	0.3	0.2
2625232	Drill Core	3.84	<20	<0.9	0.2	9.8	8.0	168	0.1	0.4	9.8	3204	3.67	5.2	<0.1	98.7	0.4	69	1.6	0.7	0.4
2625233	Drill Core	3.58	<20	<0.9	<0.1	10.4	8.4	185	<0.1	1.5	12.8	2635	4.04	4.9	<0.1	14.5	0.4	78	1.4	0.5	0.2
2625234	Drill Core	4.00	<20	<0.9	0.2	16.9	11.7	252	0.1	2.2	20.2	2511	4.36	4.4	<0.1	4.6	0.4	112	1.9	1.3	0.2
2625235	Drill Core	5.62	<20	<0.9	0.2	3.1	4.9	93	<0.1	3.0	13.6	2113	4.33	2.8	0.2	0.9	0.7	67	<0.1	0.5	<0.1
2625236	Drill Core	4.75	<20	<0.9	0.3	16.6	3.6	121	0.2	4.4	17.5	1953	5.62	2.9	0.3	44.9	0.6	31	<0.1	0.4	2.1
2625237	Drill Core	4.11	<20	<0.9	<0.1	3.4	2.7	133	<0.1	3.3	17.0	1340	4.36	1.5	0.1	6.6	0.7	37	<0.1	0.2	0.2
2625238	Drill Core	4.04	<20	<0.9	<0.1	2.7	3.3	103	<0.1	3.6	15.4	1305	4.21	1.4	0.2	11.1	0.8	34	<0.1	0.2	0.3
2625239	Drill Core	3.14	<20	<0.9	0.2	20.1	3.4	124	<0.1	4.1	17.9	1531	4.50	2.1	0.2	33.4	0.7	29	0.1	0.3	0.2
2625240	Rock Pulp	0.11	<20	9.3	938.9	55.6	9.4	57	1.3	28.6	11.7	358	3.28	18.2	0.3	7589.6	1.1	49	<0.1	26.4	0.4
2625241	Rock	0.51	<20	<0.9	<0.1	0.1	0.1	<1	<0.1	<0.1	<0.1	24	0.03	<0.5	1.2	2.6	<0.1	>2000	<0.1	<0.1	<0.1
2625242	Drill Core	4.14	<20	<0.9	0.1	6.3	3.3	143	<0.1	5.4	20.4	1666	5.14	1.6	0.1	16.2	0.6	35	<0.1	0.1	0.4
2625243	Drill Core	4.34	<20	<0.9	<0.1	1.6	3.4	154	<0.1	3.9	18.9	1646	4.56	1.5	0.2	13.0	0.7	38	0.1	0.3	<0.1
2625244	Drill Core	3.82	<20	<0.9	<0.1	0.4	2.9	78	<0.1	2.7	14.8	340	3.26	1.9	0.2	23.4	0.7	19	<0.1	0.2	<0.1
2625245	Drill Core	4.12	<20	<0.9	0.2	3.9	3.4	79	<0.1	2.7	12.7	544	3.75	2.6	0.2	1.6	0.7	22	<0.1	0.3	0.2
2625246	Drill Core	3.49	<20	<0.9	0.2	2.1	2.9	100	<0.1	3.0	19.2	568	4.59	2.7	<0.1	5.6	0.5	20	<0.1	<0.1	1.6
2625247	Drill Core	3.61	<20	<0.9	<0.1	2.1	2.9	84	<0.1	2.5	18.2	465	4.00	2.3	0.2	3.9	0.8	22	<0.1	0.2	0.2
2625248	Drill Core	3.20	<20	<0.9	0.3	3.6	4.5	77	<0.1	3.0	19.3	346	3.93	4.0	0.2	17.3	0.9	20	<0.1	0.4	1.2
2625249	Drill Core	2.85	<20	<0.9	0.4	4.0	4.7	112	<0.1	2.2	20.0	639	4.77	4.3	<0.1	12.9	0.6	20	<0.1	0.2	1.8
2625250	Drill Core	3.93	<20	<0.9	0.1	1.8	1.7	109	<0.1	2.6	19.5	532	4.64	2.3	0.1	9.7	0.7	19	<0.1	0.2	0.4
2625251	Drill Core	3.68	<20	<0.9	<0.1	1.3	2.2	72	<0.1	2.2	15.6	322	2.91	2.1	0.2	5.8	0.7	18	<0.1	<0.1	<0.1
2625252	Drill Core	3.65	<20	<0.9	<0.1	0.8	1.9	81	<0.1	2.3	17.4	311	3.66	2.4	0.1	49.9	0.6	19	<0.1	0.2	<0.1
2625253	Drill Core	4.23	<20	<0.9	0.2	4.1	2.3	102	<0.1	2.9	16.7	398	3.94	1.8	0.1	26.7	0.6	18	<0.1	0.2	<0.1
2625254	Drill Core	3.60	<20	<0.9	<0.1	1.1	1.7	133	<0.1	2.3	15.6	886	4.88	1.5	0.2	15.7	0.7	26	<0.1	0.1	<0.1
2625255	Drill Core	5.50	<20	<0.9	3.7	68.5	2.2	129	0.1	4.8	18.4	1034	5.23	7.5	0.2	6.5	0.5	26	<0.1	2.7	1.2
2625256	Drill Core	5.07	<20	<0.9	0.2	1.9	3.2	94	<0.1	5.5	19.0	1000	4.63	3.4	0.3	1.3	0.9	39	<0.1	0.9	<0.1

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Client: **Gavin Mines Inc.**

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PO Box 2080
Smithers BC V0J 2N0 CANADA

Project: Dome Mountain
Report Date: February 16, 2016

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CERTIFICATE OF ANALYSIS

VAN16000216.1

Method	Analyte	AQ200																			
		V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
2625227	Drill Core	16	3.34	0.034	<1	<1	1.17	42	<0.001	<20	0.23	0.017	0.13	<0.1	0.19	4.4	<0.1	1.32	<1	<0.5	<0.2
2625228	Drill Core	24	4.05	0.044	<1	<1	1.57	106	<0.001	<20	0.29	0.018	0.14	0.1	0.06	6.2	<0.1	1.12	<1	<0.5	<0.2
2625229	Drill Core	23	3.86	0.037	1	<1	1.48	1629	0.003	<20	0.33	0.023	0.15	<0.1	0.01	6.3	<0.1	0.21	<1	<0.5	<0.2
2625230	Drill Core	20	3.54	0.042	1	<1	1.35	469	0.001	<20	0.32	0.026	0.16	<0.1	<0.01	6.8	<0.1	0.62	<1	<0.5	<0.2
2625231	Drill Core	25	3.92	0.044	2	<1	1.55	765	<0.001	<20	0.30	0.024	0.15	<0.1	0.02	7.6	<0.1	0.45	<1	<0.5	<0.2
2625232	Drill Core	26	4.82	0.042	1	<1	1.63	95	<0.001	<20	0.28	0.026	0.14	<0.1	<0.01	6.5	<0.1	0.38	<1	<0.5	<0.2
2625233	Drill Core	28	5.26	0.042	1	<1	1.85	175	<0.001	<20	0.30	0.025	0.14	<0.1	0.02	7.2	<0.1	0.47	<1	<0.5	<0.2
2625234	Drill Core	32	5.95	0.039	1	<1	2.19	226	<0.001	<20	0.28	0.027	0.12	<0.1	0.07	5.9	<0.1	0.98	<1	<0.5	<0.2
2625235	Drill Core	38	2.47	0.044	4	<1	1.04	1149	0.014	<20	0.34	0.030	0.10	<0.1	0.04	6.6	<0.1	0.05	<1	<0.5	<0.2
2625236	Drill Core	92	0.60	0.048	3	2	0.96	231	0.010	<20	1.33	0.020	0.08	<0.1	<0.01	5.8	<0.1	0.30	4	<0.5	<0.2
2625237	Drill Core	83	0.68	0.051	4	3	1.47	221	0.005	<20	1.84	0.032	0.04	<0.1	<0.01	10.8	<0.1	<0.05	6	<0.5	<0.2
2625238	Drill Core	56	0.54	0.051	3	3	0.94	376	0.009	<20	1.34	0.028	0.06	<0.1	<0.01	8.4	<0.1	0.07	4	<0.5	<0.2
2625239	Drill Core	72	0.44	0.048	3	3	1.05	242	0.005	<20	1.55	0.029	0.06	<0.1	<0.01	8.5	<0.1	0.19	4	<0.5	<0.2
2625240	Rock Pulp	49	0.61	0.041	6	28	0.63	104	0.066	<20	1.04	0.072	0.19	21.6	3.17	3.5	1.0	1.35	3	1.6	0.6
2625241	Rock	<2	36.57	0.005	<1	<1	2.02	13	<0.001	<20	0.03	0.003	<0.01	<0.1	<0.01	0.2	<0.1	0.17	<1	<0.5	<0.2
2625242	Drill Core	87	0.52	0.051	3	4	1.30	160	0.004	<20	1.92	0.031	0.05	<0.1	<0.01	9.6	<0.1	0.24	5	<0.5	<0.2
2625243	Drill Core	94	0.86	0.049	4	4	2.19	389	0.009	<20	2.22	0.031	0.03	<0.1	<0.01	10.8	<0.1	<0.05	7	<0.5	<0.2
2625244	Drill Core	37	0.24	0.053	4	2	0.88	49	0.007	<20	1.51	0.026	0.12	<0.1	<0.01	3.2	<0.1	<0.05	3	<0.5	<0.2
2625245	Drill Core	40	0.52	0.061	4	2	0.70	54	0.008	<20	1.30	0.021	0.13	<0.1	<0.01	3.7	<0.1	<0.05	3	<0.5	<0.2
2625246	Drill Core	41	0.31	0.066	3	1	0.93	43	0.005	<20	2.06	0.016	0.13	<0.1	<0.01	3.7	<0.1	0.47	4	<0.5	<0.2
2625247	Drill Core	54	0.59	0.067	5	1	1.09	49	0.010	<20	1.91	0.027	0.14	<0.1	<0.01	3.6	<0.1	<0.05	4	<0.5	<0.2
2625248	Drill Core	36	0.38	0.073	4	1	0.97	52	0.008	<20	1.90	0.025	0.14	<0.1	0.01	3.2	<0.1	0.26	4	<0.5	<0.2
2625249	Drill Core	44	0.38	0.066	3	2	1.23	62	0.004	<20	2.41	0.020	0.15	<0.1	0.01	3.3	<0.1	0.76	4	<0.5	<0.2
2625250	Drill Core	54	0.32	0.068	4	1	1.61	40	0.004	<20	2.75	0.022	0.11	<0.1	<0.01	4.1	<0.1	0.10	6	<0.5	<0.2
2625251	Drill Core	27	0.21	0.066	5	1	0.86	73	0.006	<20	1.55	0.018	0.13	<0.1	<0.01	2.9	<0.1	<0.05	3	<0.5	<0.2
2625252	Drill Core	35	0.20	0.062	5	1	0.91	65	0.010	<20	1.82	0.025	0.12	<0.1	<0.01	3.0	<0.1	<0.05	4	<0.5	<0.2
2625253	Drill Core	54	0.27	0.061	5	3	1.44	112	0.010	<20	2.20	0.022	0.07	<0.1	<0.01	4.6	<0.1	<0.05	5	<0.5	<0.2
2625254	Drill Core	78	0.73	0.062	5	2	2.68	80	0.009	<20	3.29	0.028	0.07	<0.1	<0.01	6.6	<0.1	<0.05	9	<0.5	<0.2
2625255	Drill Core	114	0.99	0.063	4	8	2.65	213	0.005	<20	3.40	0.032	0.04	<0.1	<0.01	11.7	<0.1	0.10	10	<0.5	<0.2
2625256	Drill Core	97	1.40	0.064	6	9	2.34	102	0.018	<20	2.56	0.050	0.06	<0.1	<0.01	9.4	<0.1	<0.05	8	<0.5	<0.2

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Project: Dome Mountain
Report Date: February 16, 2016

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CERTIFICATE OF ANALYSIS

	Method	MA404	MA404
Analyte		Cu	Zn
Unit		%	%
MDL		0.01	0.01
2625227	Drill Core		
2625228	Drill Core		
2625229	Drill Core		
2625230	Drill Core		
2625231	Drill Core		
2625232	Drill Core		
2625233	Drill Core		
2625234	Drill Core		
2625235	Drill Core		
2625236	Drill Core		
2625237	Drill Core		
2625238	Drill Core		
2625239	Drill Core		
2625240	Rock Pulp		
2625241	Rock		
2625242	Drill Core		
2625243	Drill Core		
2625244	Drill Core		
2625245	Drill Core		
2625246	Drill Core		
2625247	Drill Core		
2625248	Drill Core		
2625249	Drill Core		
2625250	Drill Core		
2625251	Drill Core		
2625252	Drill Core		
2625253	Drill Core		
2625254	Drill Core		
2625255	Drill Core		
2625256	Drill Core		

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Project: Dome Mountain
Report Date: February 16, 2016

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CERTIFICATE OF ANALYSIS

VAN16000216.1

Method	Analyte	WGHT	FA530	FA530	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	
		Wgt	Ag	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.01	20	0.9	0.1	0.1	0.1	1	0.1	0.1	0.1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1
2625257	Drill Core	2.32	<20	<0.9	0.9	5.2	2.1	112	<0.1	5.6	19.1	912	4.75	2.6	0.2	11.1	0.8	26	<0.1	0.2	0.2
2625258	Drill Core	0.95	<20	<0.9	2.5	48.9	3.4	133	0.2	5.1	20.6	1879	5.17	4.7	0.1	20.5	0.5	31	0.1	1.0	0.8
2625259	Drill Core	2.02	<20	<0.9	0.9	8.5	4.9	125	<0.1	4.8	17.3	1672	4.44	2.2	0.1	2.2	0.7	42	<0.1	0.3	0.2
2625260	Rock Pulp	0.11	<20	7.3	73.1	1090.3	320.4	1332	7.4	70.3	16.9	442	3.42	140.2	0.8	5755.8	2.1	52	6.1	8.7	2.2
2625261	Rock	0.66	<20	<0.9	<0.1	0.4	0.3	<1	<0.1	0.2	<0.1	33	0.04	1.0	1.3	<0.5	<0.1	>2000	<0.1	<0.1	<0.1
2625262	Drill Core	1.99	<20	<0.9	0.2	50.6	2.4	85	<0.1	5.4	24.6	1847	3.73	2.1	<0.1	3.6	0.4	67	<0.1	0.5	0.3
2625263	Drill Core	1.28	<20	<0.9	5.2	110.2	4.1	44	0.4	3.1	16.3	1663	3.24	21.9	<0.1	116.2	0.3	57	<0.1	5.6	0.9
2625264	Drill Core	2.05	<20	<0.9	0.2	26.7	2.4	97	<0.1	3.6	19.0	1805	3.84	2.3	<0.1	3.6	0.4	67	0.1	0.6	0.3
2625265	Drill Core	3.96	<20	<0.9	0.3	76.8	5.9	79	<0.1	6.5	10.7	1453	3.67	4.4	<0.1	4.2	0.7	183	0.7	0.8	<0.1
2625266	Drill Core	3.25	<20	<0.9	0.4	56.9	5.1	49	0.1	5.7	7.7	923	3.07	3.5	0.1	2.1	0.6	156	0.6	0.8	<0.1
2625267	Drill Core	3.47	<20	<0.9	0.4	69.4	6.6	69	0.2	16.7	13.1	743	4.27	8.3	0.1	0.6	0.9	111	0.2	0.3	<0.1
2625268	Drill Core	3.98	<20	<0.9	0.3	75.3	11.1	46	0.3	11.1	13.3	1179	2.52	9.8	0.1	1.0	0.4	142	0.2	1.3	0.1
2625269	Drill Core	3.40	<20	<0.9	0.4	58.5	4.8	72	0.1	14.4	15.3	972	4.10	0.5	0.1	<0.5	0.6	142	0.2	0.3	<0.1
2625270	Drill Core	1.08	<20	<0.9	<0.1	144.6	5.9	77	0.5	35.3	21.2	999	4.79	11.2	0.3	2.8	0.7	229	0.4	0.6	0.2
2625271	Drill Core	3.41	<20	<0.9	<0.1	62.9	6.7	46	0.1	70.5	25.5	865	3.50	2.7	0.5	2.6	0.5	289	<0.1	1.5	<0.1
2625272	Drill Core	3.98	<20	<0.9	0.1	10.0	5.1	52	<0.1	54.7	26.4	972	3.60	2.3	0.5	0.6	0.5	310	<0.1	1.6	<0.1
2625273	Drill Core	6.00	<20	<0.9	0.8	60.1	5.8	84	0.5	5.4	23.8	1774	4.58	1.7	0.2	1.9	0.6	48	<0.1	0.3	<0.1
2625274	Drill Core	2.92	<20	<0.9	<0.1	84.8	4.5	143	0.5	4.2	15.6	1357	4.60	1.3	0.2	1.9	0.9	69	<0.1	0.3	<0.1
2625275	Drill Core	0.88	<20	<0.9	0.3	102.2	10.1	187	0.8	6.0	26.1	2799	5.98	6.7	0.2	35.7	0.7	83	0.2	0.6	0.3
2625276	Drill Core	4.37	<20	<0.9	<0.1	3.1	7.2	65	<0.1	2.3	9.7	629	3.30	2.9	0.3	2.3	0.9	124	0.2	0.6	<0.1
2625277	Drill Core	5.50	<20	<0.9	<0.1	27.5	6.5	120	0.1	5.2	23.2	1284	3.97	1.8	0.2	26.0	0.9	107	0.2	0.1	0.1
2625278	Drill Core	5.27	<20	<0.9	<0.1	0.9	6.3	87	<0.1	3.5	15.2	1167	3.86	1.4	0.3	1.6	1.1	85	0.1	0.5	0.1
2625279	Drill Core	5.75	<20	<0.9	0.1	1.6	5.0	64	<0.1	2.2	12.1	904	2.89	2.2	0.4	1.1	1.0	81	<0.1	0.7	<0.1
2625280	Rock Pulp	0.11	<20	9.0	932.3	58.2	10.0	57	1.5	29.2	12.2	365	3.33	18.5	0.3	8630.7	1.2	50	<0.1	26.9	0.5
2625281	Rock	0.58	<20	<0.9	0.1	2.6	0.3	2	<0.1	0.6	0.3	20	0.03	<0.5	1.3	<0.5	<0.1	>2000	<0.1	<0.1	<0.1
2625282	Drill Core	6.63	<20	<0.9	0.2	1.3	7.7	79	<0.1	2.8	16.1	1541	3.86	2.0	0.4	1.4	1.2	58	<0.1	0.7	0.1
2625283	Drill Core	4.61	<20	<0.9	0.4	15.5	9.2	97	0.2	2.9	17.1	1953	3.57	2.8	0.1	26.2	0.9	60	0.3	0.7	0.7
2625284	Drill Core	5.07	<20	<0.9	<0.1	1.4	10.0	116	<0.1	4.3	16.8	2076	4.63	1.8	0.2	4.3	1.2	88	0.1	0.4	<0.1
2625285	Drill Core	3.84	<20	<0.9	0.3	6.7	7.5	156	<0.1	6.2	24.9	2219	4.20	1.6	0.2	3.9	0.8	76	0.2	0.2	0.1
2625286	Drill Core	4.63	<20	<0.9	0.2	3.6	7.1	145	<0.1	6.4	20.1	1131	3.75	2.7	0.4	2.9	1.0	61	<0.1	0.9	<0.1

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CERTIFICATE OF ANALYSIS

VAN16000216.1

Analyte	Method	AQ200																			
		V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
2625257	Drill Core	84	1.05	0.063	5	9	2.00	152	0.008	<20	2.65	0.042	0.08	<0.1	<0.01	8.2	<0.1	<0.05	8	<0.5	<0.2
2625258	Drill Core	69	1.48	0.056	4	7	1.77	167	0.003	<20	2.24	0.033	0.07	<0.1	<0.01	7.6	<0.1	0.56	6	<0.5	<0.2
2625259	Drill Core	73	1.95	0.060	5	7	1.85	127	0.004	<20	2.04	0.038	0.07	<0.1	<0.01	9.5	<0.1	0.05	7	<0.5	<0.2
2625260	Rock Pulp	64	0.98	0.065	11	32	0.68	330	0.088	<20	1.22	0.076	0.13	33.4	0.87	4.6	0.5	0.61	4	1.2	0.4
2625261	Rock	<2	37.41	0.005	<1	<1	1.85	5	<0.001	<20	0.04	0.001	<0.01	<0.1	<0.01	0.2	<0.1	0.15	<1	<0.5	<0.2
2625262	Drill Core	24	3.65	0.059	2	4	1.95	98	0.001	<20	1.35	0.023	0.18	<0.1	<0.01	7.5	<0.1	0.19	3	<0.5	<0.2
2625263	Drill Core	14	3.75	0.054	1	1	1.29	40	<0.001	<20	0.40	0.023	0.14	<0.1	0.16	5.5	<0.1	1.39	<1	<0.5	<0.2
2625264	Drill Core	22	3.98	0.054	2	4	1.88	146	0.001	<20	1.29	0.024	0.18	<0.1	<0.01	7.8	<0.1	0.40	2	<0.5	<0.2
2625265	Drill Core	36	4.74	0.091	8	2	1.50	57	<0.001	<20	0.20	0.045	0.04	<0.1	<0.01	10.3	<0.1	<0.05	<1	<0.5	<0.2
2625266	Drill Core	27	4.06	0.120	6	5	1.18	12	0.001	<20	0.15	0.053	0.02	<0.1	<0.01	8.9	<0.1	<0.05	<1	<0.5	<0.2
2625267	Drill Core	35	2.35	0.049	8	8	1.28	201	<0.001	<20	1.05	0.028	0.21	<0.1	<0.01	12.9	<0.1	<0.05	4	<0.5	<0.2
2625268	Drill Core	12	3.83	0.067	6	6	1.45	173	0.001	<20	0.48	0.036	0.13	<0.1	<0.01	10.2	<0.1	<0.05	1	<0.5	<0.2
2625269	Drill Core	25	3.33	0.058	7	7	1.79	89	0.001	<20	1.25	0.017	0.19	<0.1	<0.01	10.2	<0.1	<0.05	3	<0.5	<0.2
2625270	Drill Core	29	5.70	0.054	3	7	1.61	189	<0.001	<20	0.39	0.018	0.16	<0.1	0.01	11.5	<0.1	0.78	<1	<0.5	<0.2
2625271	Drill Core	45	8.51	0.049	4	40	1.22	547	0.023	<20	0.54	0.014	0.20	<0.1	<0.01	13.2	<0.1	0.07	1	<0.5	<0.2
2625272	Drill Core	57	6.88	0.051	4	42	1.91	147	0.025	<20	0.55	0.013	0.20	<0.1	<0.01	14.3	<0.1	<0.05	1	<0.5	<0.2
2625273	Drill Core	62	0.33	0.051	7	3	1.02	198	0.001	<20	1.50	0.037	0.08	<0.1	0.02	10.7	<0.1	0.45	4	<0.5	<0.2
2625274	Drill Core	59	0.34	0.049	6	2	0.77	888	0.011	<20	1.04	0.034	0.08	<0.1	<0.01	9.6	<0.1	<0.05	3	<0.5	<0.2
2625275	Drill Core	42	0.46	0.052	6	1	0.49	945	<0.001	<20	0.48	0.024	0.14	<0.1	0.01	9.3	<0.1	0.43	1	0.6	<0.2
2625276	Drill Core	43	0.24	0.040	5	2	0.23	4522	0.015	<20	0.63	0.049	0.10	0.2	<0.01	4.1	<0.1	0.12	1	<0.5	<0.2
2625277	Drill Core	39	0.66	0.045	5	2	0.83	4291	0.003	<20	1.29	0.039	0.11	<0.1	0.01	7.1	<0.1	0.13	3	<0.5	<0.2
2625278	Drill Core	39	1.44	0.049	5	1	0.86	2419	0.008	<20	0.80	0.031	0.10	<0.1	<0.01	5.9	<0.1	0.06	1	<0.5	<0.2
2625279	Drill Core	36	2.23	0.048	4	1	1.13	2438	0.011	<20	0.58	0.034	0.10	<0.1	<0.01	5.7	<0.1	0.06	1	<0.5	<0.2
2625280	Rock Pulp	49	0.63	0.041	7	30	0.62	143	0.073	<20	1.10	0.077	0.20	19.3	3.26	3.5	1.0	1.41	4	1.3	0.7
2625281	Rock	<2	35.62	0.005	<1	<1	1.54	7	<0.001	<20	0.03	0.002	<0.01	<0.1	<0.01	0.2	<0.1	0.20	<1	<0.5	0.4
2625282	Drill Core	40	1.60	0.051	5	1	0.78	921	0.013	<20	0.38	0.027	0.10	<0.1	<0.01	6.7	<0.1	<0.05	<1	<0.5	<0.2
2625283	Drill Core	25	0.67	0.052	5	2	0.49	636	0.002	<20	0.79	0.025	0.11	<0.1	0.02	6.3	<0.1	0.40	2	<0.5	<0.2
2625284	Drill Core	34	0.52	0.054	5	2	0.55	2405	0.007	<20	0.77	0.028	0.09	<0.1	<0.01	7.4	<0.1	0.06	2	<0.5	<0.2
2625285	Drill Core	42	0.75	0.047	5	3	0.92	26	0.002	<20	1.06	0.028	0.07	<0.1	<0.01	9.4	<0.1	<0.05	4	<0.5	<0.2
2625286	Drill Core	65	1.22	0.052	6	4	1.62	50	0.012	<20	1.63	0.040	0.05	<0.1	<0.01	10.2	<0.1	<0.05	5	<0.5	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: Dome Mountain
Report Date: February 16, 2016

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CERTIFICATE OF ANALYSIS

	Method	MA404	MA404
Analyte		Cu	Zn
Unit		%	%
MDL		0.01	0.01
2625257	Drill Core		
2625258	Drill Core		
2625259	Drill Core		
2625260	Rock Pulp		
2625261	Rock		
2625262	Drill Core		
2625263	Drill Core		
2625264	Drill Core		
2625265	Drill Core		
2625266	Drill Core		
2625267	Drill Core		
2625268	Drill Core		
2625269	Drill Core		
2625270	Drill Core		
2625271	Drill Core		
2625272	Drill Core		
2625273	Drill Core		
2625274	Drill Core		
2625275	Drill Core		
2625276	Drill Core		
2625277	Drill Core		
2625278	Drill Core		
2625279	Drill Core		
2625280	Rock Pulp		
2625281	Rock		
2625282	Drill Core		
2625283	Drill Core		
2625284	Drill Core		
2625285	Drill Core		
2625286	Drill Core		

VAN16000216.1



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Project: Dome Mountain
Report Date: February 16, 2016

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CERTIFICATE OF ANALYSIS

VAN16000216.1

Method	Analyte	Unit	WGHT	FA530	FA530	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	
			Wgt	Ag	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
			kg	gm/t	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
		MDL	0.01	20	0.9	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1
2625287	Drill Core		5.22	<20	<0.9	0.4	8.8	4.3	159	<0.1	8.0	25.0	1082	4.26	2.7	0.3	50.1	1.0	54	<0.1	0.7	0.1
2625288	Drill Core		4.60	<20	<0.9	0.2	5.6	4.2	119	<0.1	8.3	29.8	1155	3.58	2.2	0.2	11.0	0.8	55	<0.1	0.3	<0.1
2625289	Drill Core		6.24	<20	<0.9	0.1	1.7	9.5	91	<0.1	4.5	16.1	1894	4.54	2.7	0.4	7.1	1.2	42	<0.1	0.8	0.2
2625290	Drill Core		4.48	<20	<0.9	0.3	59.0	7.1	70	0.1	4.5	15.2	1875	3.89	2.9	0.4	21.9	1.1	54	<0.1	0.6	0.2
2625291	Drill Core		1.42	<20	1.2	2.7	1484.1	7.7	205	2.5	10.8	36.5	1440	4.62	75.9	0.4	726.6	0.5	22	0.9	1.8	2.7
2625292	Drill Core		3.28	<20	<0.9	0.3	592.6	5.0	88	3.9	4.6	19.7	2387	3.74	17.7	0.2	52.6	0.8	45	0.3	1.8	1.3
2625293	Drill Core		7.11	<20	<0.9	<0.1	1.3	5.4	56	<0.1	2.8	13.8	869	2.68	2.8	0.3	1.8	1.0	55	<0.1	0.7	<0.1
2625294	Drill Core		5.54	<20	<0.9	0.1	5.2	5.2	98	<0.1	2.4	14.6	1026	3.08	2.9	0.2	1.5	0.9	65	<0.1	0.4	<0.1
2625295	Drill Core		4.28	<20	<0.9	0.1	1.2	5.5	97	<0.1	2.9	12.8	866	3.31	1.8	0.3	51.3	1.0	58	<0.1	0.5	0.1
2625296	Drill Core		4.62	<20	<0.9	<0.1	1.6	4.0	126	<0.1	4.0	18.0	1228	3.72	1.3	0.1	19.8	0.8	64	<0.1	0.2	<0.1
2625297	Drill Core		3.39	<20	<0.9	3.3	3.0	4.4	133	<0.1	3.6	20.3	1761	4.13	2.6	<0.1	8.0	0.5	56	<0.1	0.2	1.1
2625298	Drill Core		3.53	<20	<0.9	0.9	2.0	3.5	130	<0.1	3.3	18.5	2130	3.96	2.9	<0.1	6.1	0.5	62	<0.1	0.2	0.6
2625299	Drill Core		4.04	<20	<0.9	0.1	0.9	3.0	139	<0.1	4.7	17.1	1687	4.31	1.5	0.1	92.7	0.6	75	<0.1	0.2	<0.1
2625300	Rock Pulp		0.11	<20	7.6	76.7	1110.4	337.0	1359	7.5	75.9	17.5	451	3.46	137.4	0.8	5949.3	2.3	49	7.0	9.9	2.6
2625301	Rock		0.54	<20	<0.9	<0.1	1.1	0.1	1	<0.1	<0.1	0.2	27	0.02	<0.5	1.3	<0.5	<0.1	>2000	<0.1	<0.1	<0.1
2625302	Drill Core		2.59	<20	<0.9	<0.1	1.6	3.0	120	<0.1	5.1	18.1	1699	4.76	2.4	0.2	20.3	0.7	66	<0.1	0.2	<0.1
2625303	Drill Core		3.47	<20	<0.9	0.3	3.3	3.2	140	<0.1	5.3	21.2	1976	4.37	2.7	0.1	8.6	0.6	54	<0.1	0.2	0.5
2625304	Drill Core		2.46	<20	<0.9	0.1	23.2	3.6	112	0.1	5.1	20.5	1389	4.47	3.1	0.2	14.5	0.8	71	<0.1	1.0	0.4
2625305	Drill Core		5.39	<20	<0.9	<0.1	0.8	4.9	110	<0.1	4.4	20.4	1310	4.16	2.6	0.3	2.4	0.8	75	<0.1	0.7	<0.1
2625306	Drill Core		6.37	<20	<0.9	0.1	1.2	6.2	81	<0.1	4.5	18.9	1325	4.02	3.8	0.3	15.1	0.9	62	<0.1	1.3	<0.1
2625307	Drill Core		4.67	<20	<0.9	0.1	5.3	7.5	139	0.1	5.2	22.6	1808	4.65	4.9	0.1	34.8	0.6	57	0.1	0.5	0.3
2625308	Drill Core		3.54	<20	<0.9	0.3	43.1	8.2	135	0.2	5.2	23.0	1942	4.82	6.1	0.2	23.5	0.6	63	0.3	1.6	0.8
2625309	Drill Core		5.44	<20	<0.9	<0.1	1.4	6.2	124	<0.1	5.8	21.2	1460	3.74	2.5	0.4	<0.5	0.9	89	0.1	1.0	<0.1
2625310	Drill Core		5.17	<20	<0.9	0.1	1.3	7.5	76	<0.1	5.2	18.7	1255	3.43	3.4	0.4	<0.5	0.9	73	<0.1	1.7	<0.1
2625311	Drill Core		7.01	<20	<0.9	0.2	1.8	9.2	62	<0.1	4.6	15.9	918	3.28	4.1	0.5	<0.5	1.1	83	<0.1	1.8	<0.1
2625312	Drill Core		6.40	<20	<0.9	0.1	1.0	7.5	81	<0.1	4.7	18.6	1012	3.58	2.5	0.6	<0.5	1.1	90	<0.1	1.5	<0.1
2625313	Drill Core		4.31	53	26.6	1.1	350.6	170.4	721	54.1	5.3	23.9	2829	4.74	79.6	0.1	16647.6	0.4	63	13.6	3.0	224.8
2625314	Drill Core		3.54	<20	<0.9	0.3	248.9	4.8	75	0.5	3.8	15.5	2021	3.64	3.9	0.1	22.2	0.6	76	0.4	1.1	0.6
2625315	Drill Core		4.08	<20	<0.9	0.2	29.9	4.5	73	0.2	3.8	16.2	1681	3.42	2.8	0.2	31.6	0.5	84	0.2	0.9	0.7

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Project: Dome Mountain
Report Date: February 16, 2016

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CERTIFICATE OF ANALYSIS

VAN16000216.1

Method	Analyte	AQ200																			
		V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	0.1	0.05	1	0.5
2625287	Drill Core	80	0.45	0.053	6	5	1.54	511	0.005	<20	2.10	0.041	0.05	<0.1	<0.01	9.7	<0.1	<0.05	7	<0.5	<0.2
2625288	Drill Core	60	0.34	0.053	5	4	1.15	131	0.002	<20	1.70	0.034	0.05	<0.1	<0.01	7.9	<0.1	<0.05	5	<0.5	<0.2
2625289	Drill Core	29	0.32	0.048	5	2	0.34	403	0.016	<20	0.62	0.037	0.07	<0.1	<0.01	9.3	<0.1	<0.05	2	<0.5	<0.2
2625290	Drill Core	29	2.54	0.046	4	3	1.18	129	0.015	<20	0.70	0.030	0.12	<0.1	<0.01	7.8	<0.1	<0.05	2	<0.5	<0.2
2625291	Drill Core	12	0.31	0.043	2	2	0.10	67	<0.001	<20	0.26	0.018	0.11	0.2	0.05	4.6	0.1	3.82	<1	<0.5	<0.2
2625292	Drill Core	27	1.92	0.054	3	2	0.99	266	0.004	<20	0.91	0.026	0.12	<0.1	0.02	6.2	<0.1	0.56	2	<0.5	<0.2
2625293	Drill Core	22	2.92	0.048	5	1	1.47	259	0.014	<20	0.46	0.031	0.12	<0.1	<0.01	6.7	<0.1	<0.05	1	<0.5	<0.2
2625294	Drill Core	19	3.13	0.047	4	1	1.33	435	0.007	<20	0.51	0.028	0.10	<0.1	<0.01	5.9	<0.1	<0.05	1	<0.5	<0.2
2625295	Drill Core	23	2.41	0.049	5	2	1.19	204	0.010	<20	0.75	0.028	0.10	<0.1	<0.01	5.5	<0.1	<0.05	2	<0.5	<0.2
2625296	Drill Core	25	2.91	0.055	4	2	1.75	201	0.003	<20	1.32	0.030	0.10	<0.1	<0.01	6.8	<0.1	<0.05	3	<0.5	<0.2
2625297	Drill Core	24	2.55	0.052	2	2	1.83	37	0.001	<20	1.55	0.028	0.12	<0.1	<0.01	6.2	<0.1	1.15	3	<0.5	<0.2
2625298	Drill Core	23	3.43	0.047	2	2	2.08	34	0.002	<20	1.52	0.027	0.12	<0.1	<0.01	6.4	<0.1	1.22	3	<0.5	<0.2
2625299	Drill Core	39	3.89	0.045	3	3	1.86	36	0.004	<20	2.17	0.036	0.13	<0.1	<0.01	9.0	<0.1	<0.05	4	<0.5	<0.2
2625300	Rock Pulp	65	1.01	0.063	11	32	0.67	335	0.098	<20	1.26	0.079	0.13	33.3	0.90	4.4	0.7	0.64	5	1.4	0.6
2625301	Rock	<2	35.62	0.006	<1	<1	1.61	6	<0.001	<20	0.02	0.002	<0.01	<0.1	<0.01	0.2	<0.1	0.21	<1	<0.5	0.3
2625302	Drill Core	52	3.33	0.042	4	3	1.67	62	0.004	<20	1.81	0.051	0.09	<0.1	<0.01	10.0	<0.1	<0.05	5	<0.5	<0.2
2625303	Drill Core	48	2.86	0.046	2	3	1.75	53	0.002	<20	1.46	0.045	0.10	0.1	<0.01	9.8	<0.1	0.67	4	<0.5	<0.2
2625304	Drill Core	46	2.93	0.046	3	3	1.96	370	0.007	<20	1.46	0.049	0.08	<0.1	<0.01	10.9	<0.1	<0.05	5	<0.5	<0.2
2625305	Drill Core	59	3.24	0.042	3	3	2.10	248	0.013	<20	0.82	0.040	0.06	<0.1	<0.01	11.5	<0.1	<0.05	3	<0.5	<0.2
2625306	Drill Core	41	2.98	0.041	4	3	1.75	91	0.022	<20	0.52	0.046	0.06	<0.1	<0.01	9.9	<0.1	<0.05	2	<0.5	<0.2
2625307	Drill Core	48	2.71	0.045	1	3	2.00	289	0.003	<20	1.71	0.043	0.11	<0.1	<0.01	9.0	<0.1	0.97	4	<0.5	<0.2
2625308	Drill Core	40	2.71	0.054	2	3	1.80	182	0.002	<20	1.62	0.040	0.13	<0.1	0.02	7.9	<0.1	1.21	4	<0.5	<0.2
2625309	Drill Core	55	2.72	0.047	5	3	2.27	74	0.008	<20	1.22	0.064	0.08	<0.1	<0.01	10.4	<0.1	<0.05	3	<0.5	<0.2
2625310	Drill Core	51	2.91	0.042	4	3	1.69	60	0.022	<20	0.69	0.065	0.07	<0.1	<0.01	9.6	<0.1	<0.05	2	<0.5	<0.2
2625311	Drill Core	38	3.74	0.044	4	3	1.29	94	0.022	<20	0.42	0.055	0.09	<0.1	<0.01	7.8	<0.1	<0.05	1	<0.5	<0.2
2625312	Drill Core	49	3.90	0.047	4	2	1.95	32	0.021	<20	0.51	0.054	0.08	<0.1	<0.01	9.6	<0.1	<0.05	1	<0.5	<0.2
2625313	Drill Core	12	2.97	0.043	1	1	1.12	49	0.001	<20	0.34	0.016	0.13	0.2	0.96	5.0	<0.1	3.81	<1	<0.5	0.6
2625314	Drill Core	25	3.86	0.045	2	1	1.57	128	0.004	<20	0.42	0.022	0.11	<0.1	<0.01	8.0	<0.1	0.45	<1	<0.5	<0.2
2625315	Drill Core	26	4.30	0.047	2	2	1.76	96	0.003	<20	0.52	0.024	0.11	<0.1	<0.01	9.3	<0.1	0.28	1	<0.5	<0.2

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Project: Dome Mountain
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CERTIFICATE OF ANALYSIS

	Method	MA404	MA404
Analyte		Cu	Zn
Unit		%	%
MDL		0.01	0.01
2625287	Drill Core		
2625288	Drill Core		
2625289	Drill Core		
2625290	Drill Core		
2625291	Drill Core		
2625292	Drill Core		
2625293	Drill Core		
2625294	Drill Core		
2625295	Drill Core		
2625296	Drill Core		
2625297	Drill Core		
2625298	Drill Core		
2625299	Drill Core		
2625300	Rock Pulp		
2625301	Rock		
2625302	Drill Core		
2625303	Drill Core		
2625304	Drill Core		
2625305	Drill Core		
2625306	Drill Core		
2625307	Drill Core		
2625308	Drill Core		
2625309	Drill Core		
2625310	Drill Core		
2625311	Drill Core		
2625312	Drill Core		
2625313	Drill Core		
2625314	Drill Core		
2625315	Drill Core		

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QUALITY CONTROL REPORT

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Method Analyte Unit MDL	WGHT	FA530	FA530	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	
	Wgt	Ag	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi		
	kg	gm/t	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm		
	0.01	20	0.9	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1		
Pulp Duplicates																						
2625012	Drill Core	4.19	187	47.6	2.8	5812.3	8645.4	>10000	>100	5.8	8.0	818	7.54	179.5	<0.1	41604.6	<0.1	11	993.4	2.8	281.8	
REP 2625012	QC		195	49.3																		
2625028	Drill Core	3.95	66	10.8	2.4	3467.7	5440.0	>10000	63.8	1.3	4.5	596	3.46	437.5	<0.1	10782.7	<0.1	17	260.2	193.9	55.6	
REP 2625028	QC			2.3	3459.4	5483.1	>10000	63.8	1.4	4.7	595	3.43	436.0	<0.1	9717.4	<0.1	17	262.3	190.7	55.0		
2625040	Rock	1.18	<20	<0.9	<0.1	1.6	0.3	2	<0.1	<0.1	<0.1	25	0.02	0.7	1.1	<0.5	<0.1	>2000	<0.1	<0.1	<0.1	
REP 2625040	QC		<20	<0.9																		
2625063	Drill Core	1.83	<20	<0.9	0.1	115.7	0.6	40	0.3	183.5	30.6	915	2.99	1.8	0.1	0.6	0.1	56	0.1	<0.1	<0.1	
REP 2625063	QC				<0.1	120.9	0.6	42	0.3	185.6	30.7	915	3.03	1.5	0.1	1.3	0.1	54	0.1	<0.1	<0.1	
2625066	Drill Core	2.15	<20	1.0	0.7	1806.5	26.1	>10000	9.9	2.2	19.8	4347	7.05	261.0	<0.1	1102.8	0.3	35	130.9	3.9	8.0	
REP 2625066	QC																					
2625073	Drill Core	1.14	<20	<0.9	1.5	1010.1	49.1	>10000	5.2	2.6	14.5	1740	4.88	131.6	<0.1	539.4	0.3	>2000	186.8	2.5	7.6	
REP 2625073	QC																					
2625074	Drill Core	1.77	<20	<0.9	0.3	78.0	42.4	869	2.0	3.2	21.1	1524	5.55	83.4	0.1	27.4	0.4	112	7.1	1.7	3.9	
REP 2625074	QC		<20	<0.9																		
2625204	Drill Core	3.38	<20	<0.9	0.1	32.6	4.7	141	0.3	1.8	16.9	1737	4.58	0.8	0.1	7.6	0.5	114	0.2	0.1	<0.1	
REP 2625204	QC				<0.1	35.1	4.6	142	0.3	1.5	16.4	1736	4.58	1.0	<0.1	2.0	0.4	115	0.2	0.1	<0.1	
2625214	Drill Core	3.37	<20	<0.9	0.1	214.6	3.4	153	0.9	3.7	18.7	1061	4.40	3.0	<0.1	<0.5	0.5	67	0.6	1.2	<0.1	
REP 2625214	QC		<20	<0.9																		
2625219	Drill Core	2.02	99	22.6	4.2	3894.2	2001.3	>10000	>100	5.3	23.9	1684	8.45	1138.3	<0.1	24403.6	<0.1	30	174.3	741.9	133.8	
REP 2625219	QC																					
2625239	Drill Core	3.14	<20	<0.9	0.2	20.1	3.4	124	<0.1	4.1	17.9	1531	4.50	2.1	0.2	33.4	0.7	29	0.1	0.3	0.2	
REP 2625239	QC					0.2	20.8	3.7	129	<0.1	3.9	18.1	1528	4.50	2.6	0.2	46.6	0.7	30	<0.1	0.4	0.2
2625270	Drill Core	1.08	<20	<0.9	<0.1	144.6	5.9	77	0.5	35.3	21.2	999	4.79	11.2	0.3	2.8	0.7	229	0.4	0.6	0.2	
REP 2625270	QC		<20	<0.9																		
2625274	Drill Core	2.92	<20	<0.9	<0.1	84.8	4.5	143	0.5	4.2	15.6	1357	4.60	1.3	0.2	1.9	0.9	69	<0.1	0.3	<0.1	
REP 2625274	QC					0.2	88.3	4.5	148	0.6	4.3	15.4	1387	4.61	1.4	0.2	1.9	0.9	70	<0.1	0.3	<0.1
2625282	Drill Core	6.63	<20	<0.9	0.2	1.3	7.7	79	<0.1	2.8	16.1	1541	3.86	2.0	0.4	1.4	1.2	58	<0.1	0.7	0.1	
REP 2625282	QC		<20	<0.9																		

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QUALITY CONTROL REPORT

VAN16000216.1

Method Analyte Unit MDL	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																					
2625012	Drill Core	8	0.49	0.002	<1	4	0.17	4	<0.001	<20	0.18	0.003	0.03	<0.1	8.15	0.7	<0.1	8.77	<1	1.1	5.6
REP 2625012	QC																				
2625028	Drill Core	3	0.65	0.004	<1	3	0.20	11	<0.001	<20	0.06	0.008	0.04	0.1	17.47	0.8	<0.1	4.01	<1	1.0	1.0
REP 2625028	QC																				
2625040	Rock	<2	36.39	0.004	<1	<1	1.73	4	<0.001	<20	0.03	<0.001	<0.01	<0.1	<0.01	0.2	<0.1	0.08	<1	<0.5	0.3
REP 2625040	QC																				
2625063	Drill Core	96	6.61	0.050	2	324	4.38	3	0.131	<20	3.15	0.007	<0.01	0.2	<0.01	4.2	<0.1	<0.05	5	<0.5	<0.2
REP 2625063	QC																				
2625066	Drill Core	40	2.36	0.030	<1	<1	1.58	44	0.001	<20	1.64	0.013	0.17	0.2	0.51	5.2	<0.1	3.51	3	<0.5	<0.2
REP 2625066	QC																				
2625073	Drill Core	25	1.21	0.046	1	2	1.34	104	0.002	<20	2.02	0.012	0.18	0.1	0.46	2.5	<0.1	2.32	4	<0.5	0.5
REP 2625073	QC																				
2625074	Drill Core	35	0.69	0.059	2	<1	2.19	48	0.002	<20	2.92	0.010	0.20	0.1	<0.01	3.1	<0.1	1.15	5	<0.5	<0.2
REP 2625074	QC																				
2625204	Drill Core	60	4.63	0.039	3	1	1.69	319	0.002	<20	2.04	0.042	0.08	<0.1	<0.01	7.1	<0.1	<0.05	5	<0.5	<0.2
REP 2625204	QC																				
2625214	Drill Core	75	2.37	0.048	4	3	1.95	921	0.003	<20	2.71	0.022	0.04	<0.1	<0.01	9.4	<0.1	<0.05	7	<0.5	<0.2
REP 2625214	QC																				
2625219	Drill Core	6	1.63	0.012	<1	2	0.54	15	<0.001	<20	0.07	0.005	0.05	0.2	14.26	1.4	<0.1	8.40	<1	<0.5	1.3
REP 2625219	QC																				
2625239	Drill Core	72	0.44	0.048	3	3	1.05	242	0.005	<20	1.55	0.029	0.06	<0.1	<0.01	8.5	<0.1	0.19	4	<0.5	<0.2
REP 2625239	QC																				
2625270	Drill Core	29	5.70	0.054	3	7	1.61	189	<0.001	<20	0.39	0.018	0.16	<0.1	0.01	11.5	<0.1	0.78	<1	<0.5	<0.2
REP 2625270	QC																				
2625274	Drill Core	59	0.34	0.049	6	2	0.77	888	0.011	<20	1.04	0.034	0.08	<0.1	<0.01	9.6	<0.1	<0.05	3	<0.5	<0.2
REP 2625274	QC																				
2625282	Drill Core	40	1.60	0.051	5	1	0.78	921	0.013	<20	0.38	0.027	0.10	<0.1	<0.01	6.7	<0.1	<0.05	<1	<0.5	<0.2
REP 2625282	QC																				

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QUALITY CONTROL REPORT

Method	MA404	
Analyte	Cu	Zn
Unit	%	%
MDL	0.01	0.01
Pulp Duplicates		
2625012	Drill Core	0.57 4.47
REP 2625012	QC	
2625028	Drill Core	0.32 1.57
REP 2625028	QC	
2625040	Rock	
REP 2625040	QC	
2625063	Drill Core	
REP 2625063	QC	
2625066	Drill Core	0.17 1.09
REP 2625066	QC	0.17 1.10
2625073	Drill Core	0.10 1.21
REP 2625073	QC	0.09 1.20
2625074	Drill Core	
REP 2625074	QC	
2625204	Drill Core	
REP 2625204	QC	
2625214	Drill Core	
REP 2625214	QC	
2625219	Drill Core	0.38 1.10
REP 2625219	QC	0.38 1.10
2625239	Drill Core	
REP 2625239	QC	
2625270	Drill Core	
REP 2625270	QC	
2625274	Drill Core	
REP 2625274	QC	
2625282	Drill Core	
REP 2625282	QC	

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		WGHT	FA530	FA530	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
		Wgt	Ag	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
2625309	Drill Core	5.44	<20	<0.9	<0.1	1.4	6.2	124	<0.1	5.8	21.2	1460	3.74	2.5	0.4	<0.5	0.9	89	0.1	1.0	<0.1
REP 2625309	QC				<0.1	1.1	5.7	115	<0.1	5.7	19.7	1483	3.78	2.4	0.4	<0.5	0.8	87	0.1	1.0	<0.1
2625315	Drill Core	4.08	<20	<0.9	0.2	29.9	4.5	73	0.2	3.8	16.2	1681	3.42	2.8	0.2	31.6	0.5	84	0.2	0.9	0.7
REP 2625315	QC		<20	<0.9	0.2	30.4	4.5	72	0.3	4.0	15.7	1721	3.38	2.6	0.1	30.8	0.5	83	0.2	0.9	0.8
Core Reject Duplicates																					
2625021	Drill Core	3.04	75	20.9	8.7	5062.4	636.4	7468	75.0	49.9	23.6	441	9.63	535.0	<0.1	19592.2	<0.1	10	104.6	463.1	127.4
DUP 2625021	QC		79	24.7	8.4	5027.0	644.6	8456	77.4	53.2	23.3	444	9.97	546.0	<0.1	21342.4	<0.1	9	121.0	472.2	139.1
2625055	Drill Core	2.12	<20	<0.9	<0.1	6.9	0.9	34	<0.1	156.5	32.4	1040	3.51	3.6	<0.1	<0.5	<0.1	61	0.6	0.2	<0.1
DUP 2625055	QC		<20	<0.9	<0.1	6.1	0.9	36	<0.1	154.7	31.9	1042	3.48	3.7	<0.1	2.5	<0.1	59	0.5	0.2	<0.1
2625089	Drill Core	4.53	<20	<0.9	0.5	36.0	14.2	62	0.5	1.4	8.9	1575	2.63	12.0	<0.1	222.7	0.6	83	0.3	0.8	0.9
DUP 2625089	QC		<20	<0.9	0.4	38.3	15.2	62	0.5	1.0	8.7	1512	2.59	11.3	<0.1	216.4	0.7	79	0.4	0.9	1.1
2625229	Drill Core	5.94	<20	<0.9	0.1	3.6	7.0	211	<0.1	0.7	12.6	1523	3.24	2.7	<0.1	1.8	0.4	157	8.0	0.5	<0.1
DUP 2625229	QC		<20	<0.9	<0.1	2.9	7.0	206	<0.1	0.7	11.9	1504	3.21	3.2	<0.1	2.6	0.5	153	5.5	0.5	<0.1
2625263	Drill Core	1.28	<20	<0.9	5.2	110.2	4.1	44	0.4	3.1	16.3	1663	3.24	21.9	<0.1	116.2	0.3	57	<0.1	5.6	0.9
DUP 2625263	QC		<20	<0.9	5.2	111.8	4.4	44	0.5	3.1	15.9	1659	3.25	21.8	<0.1	143.8	0.4	57	0.1	5.5	0.9
2625297	Drill Core	3.39	<20	<0.9	3.3	3.0	4.4	133	<0.1	3.6	20.3	1761	4.13	2.6	<0.1	8.0	0.5	56	<0.1	0.2	1.1
DUP 2625297	QC		<20	<0.9	3.2	3.3	4.4	131	<0.1	3.6	21.8	1786	4.19	2.4	<0.1	6.7	0.5	55	<0.1	0.2	1.1
Reference Materials																					
STD AGPROOF	Standard		94	<0.9																	
STD AGPROOF	Standard		95	<0.9																	
STD AGPROOF	Standard		95	<0.9																	
STD AGPROOF	Standard		96	<0.9																	
STD AGPROOF	Standard		94	<0.9																	
STD AGPROOF	Standard		96	<0.9																	
STD AGPROOF	Standard		96	<0.9																	
STD AGPROOF	Standard		95	<0.9																	
STD AGPROOF	Standard		97	<0.9																	
STD AGPROOF	Standard		97	<0.9																	
STD DS10	Standard		12.3	147.3	149.2	365	1.9	69.5	12.3	878	2.80	44.3	3.0	56.1	7.1	60	2.9	9.4	11.5		

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QUALITY CONTROL REPORT

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		AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200										
		V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te								
		ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm										
2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2									
2625309	Drill Core	55	2.72	0.047	5	3	2.27	74	0.008	<20	1.22	0.064	0.08	<0.1	<0.01	10.4	<0.1	<0.05	3	<0.5	<0.2								
REP 2625309	QC	55	2.75	0.052	5	3	2.28	79	0.008	<20	1.24	0.064	0.08	<0.1	<0.01	10.6	<0.1	<0.05	3	<0.5	<0.2								
2625315	Drill Core	26	4.30	0.047	2	2	1.76	96	0.003	<20	0.52	0.024	0.11	<0.1	<0.01	9.3	<0.1	0.28	1	<0.5	<0.2								
REP 2625315	QC	26	4.30	0.047	2	2	1.77	102	0.003	<20	0.52	0.024	0.11	<0.1	<0.01	9.5	<0.1	0.28	1	<0.5	<0.2								
Core Reject Duplicates																													
2625021	Drill Core	7	0.35	0.010	<1	10	0.11	18	<0.001	<20	0.13	0.004	0.08	0.3	18.23	1.3	<0.1	9.44	<1	0.9	1.8								
DUP 2625021	QC	7	0.34	0.011	<1	10	0.11	16	<0.001	<20	0.12	0.005	0.08	0.3	20.03	1.2	<0.1	9.54	<1	0.8	2.0								
2625055	Drill Core	52	12.70	0.054	<1	221	3.31	48	0.125	<20	2.86	0.008	0.09	0.5	<0.01	6.8	<0.1	<0.05	5	<0.5	<0.2								
DUP 2625055	QC	51	12.72	0.053	<1	221	3.31	50	0.118	<20	2.89	0.008	0.10	0.4	<0.01	7.1	<0.1	<0.05	5	<0.5	<0.2								
2625089	Drill Core	5	2.60	0.073	2	2	0.84	149	<0.001	<20	0.51	0.016	0.20	>100	0.02	2.8	<0.1	1.71	<1	<0.5	<0.2								
DUP 2625089	QC	4	2.51	0.073	2	1	0.81	179	<0.001	<20	0.48	0.015	0.18	>100	<0.01	2.7	<0.1	1.71	<1	<0.5	<0.2								
2625229	Drill Core	23	3.86	0.037	1	<1	1.48	1629	0.003	<20	0.33	0.023	0.15	<0.1	0.01	6.3	<0.1	0.21	<1	<0.5	<0.2								
DUP 2625229	QC	23	3.83	0.039	1	<1	1.49	1656	0.003	<20	0.31	0.022	0.14	<0.1	<0.01	6.1	<0.1	0.20	<1	<0.5	<0.2								
2625263	Drill Core	14	3.75	0.054	1	1	1.29	40	<0.001	<20	0.40	0.023	0.14	<0.1	0.16	5.5	<0.1	1.39	<1	<0.5	<0.2								
DUP 2625263	QC	14	3.68	0.052	1	1	1.29	44	<0.001	<20	0.41	0.024	0.15	<0.1	0.15	5.4	<0.1	1.36	<1	<0.5	<0.2								
2625297	Drill Core	24	2.55	0.052	2	2	1.83	37	0.001	<20	1.55	0.028	0.12	<0.1	<0.01	6.2	<0.1	1.15	3	<0.5	<0.2								
DUP 2625297	QC	25	2.59	0.054	2	2	1.85	40	0.001	<20	1.59	0.029	0.13	<0.1	<0.01	6.2	<0.1	1.18	3	<0.5	<0.2								
Reference Materials																													
STD AGPROOF	Standard																												
STD AGPROOF	Standard																												
STD AGPROOF	Standard																												
STD AGPROOF	Standard																												
STD AGPROOF	Standard																												
STD AGPROOF	Standard																												
STD DS10	Standard	40	1.02	0.076	14	52	0.76	400	0.064	<20	0.95	0.064	0.33	3.6	0.37	2.5	5.0	0.27	4	1.9	5.1								

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3431 19th Ave
PO Box 2080
Smithers BC V0J 2N0 CANADA

Project: Dome Mountain
Report Date: February 16, 2016

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QUALITY CONTROL REPORT

MA404	
Cu	Zn
%	%
0.01	0.01
2625309	Drill Core
REP 2625309	QC
2625315	Drill Core
REP 2625315	QC
Core Reject Duplicates	
2625021	Drill Core
DUP 2625021	QC
2625055	Drill Core
DUP 2625055	QC
2625089	Drill Core
DUP 2625089	QC
2625229	Drill Core
DUP 2625229	QC
2625263	Drill Core
DUP 2625263	QC
2625297	Drill Core
DUP 2625297	QC
Reference Materials	
STD AGPROOF	Standard
STD DS10	Standard

VAN16000216.1



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QUALITY CONTROL REPORT

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		WGHT	FA530	FA530	AQ200																
		Wgt	Ag	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	gm/t	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm						
0.01	20	0.9	0.1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1
STD DS10	Standard				11.3	158.2	151.3	382	1.8	76.1	12.7	873	2.72	46.9	2.7	54.7	6.6	71	2.7	7.5	10.9
STD DS10	Standard				13.0	161.4	159.6	387	1.7	78.6	13.1	898	2.81	46.8	2.5	66.4	7.0	70	2.5	8.3	12.4
STD DS10	Standard				13.8	155.9	155.1	383	2.1	71.5	13.4	873	2.70	45.8	2.5	164.2	7.2	66	3.0	8.2	13.5
STD DS10	Standard				12.8	161.1	152.7	395	2.0	77.5	13.4	906	2.71	45.6	2.7	52.1	7.0	62	2.8	8.9	13.3
STD DS10	Standard				13.3	158.7	164.6	391	2.1	78.0	12.9	856	2.76	46.9	2.7	65.7	7.1	66	2.9	7.9	11.8
STD DS10	Standard				11.9	150.9	151.9	376	1.9	75.1	13.1	909	2.74	45.2	2.6	73.9	6.6	68	2.4	8.6	10.8
STD OREAS132A	Standard																				
STD OREAS134B	Standard																				
STD OREAS132A	Standard																				
STD OREAS134B	Standard																				
STD OREAS132A	Standard																				
STD OREAS134B	Standard																				
STD OREAS45EA	Standard				1.7	645.8	14.5	29	0.3	359.6	50.2	413	22.67	11.1	1.8	43.6	10.1	4	<0.1	0.4	0.3
STD OREAS45EA	Standard				1.7	650.0	13.9	28	0.3	358.3	48.5	389	20.43	8.5	1.7	66.4	9.7	4	<0.1	0.3	0.2
STD OREAS45EA	Standard				1.3	709.1	14.7	31	0.3	391.6	53.5	414	22.55	9.5	1.8	54.2	10.2	4	<0.1	0.3	0.2
STD OREAS45EA	Standard				1.4	637.9	13.7	29	0.2	349.0	47.9	391	20.16	8.7	1.7	64.6	9.6	3	<0.1	0.3	0.2
STD OREAS45EA	Standard				1.7	714.5	15.6	37	0.3	400.8	54.0	420	22.92	11.3	2.0	60.5	10.9	4	<0.1	0.4	0.3
STD OREAS45EA	Standard				1.6	674.8	14.5	30	0.2	367.6	50.9	394	21.39	8.8	1.8	53.9	10.4	4	<0.1	0.2	0.2
STD OREAS45EA	Standard				1.7	672.0	13.9	29	0.2	369.1	49.4	410	20.60	8.5	1.8	61.7	10.3	4	<0.1	0.3	0.2
STD SP49	Standard	59	18.5																		
STD SP49	Standard	63	18.4																		
STD SP49	Standard	61	18.4																		
STD SP49	Standard	59	18.4																		
STD SP49	Standard	58	18.3																		
STD SP49	Standard	59	18.4																		
STD SP49	Standard	59	18.5																		
STD SP49	Standard	56	18.4																		
STD SP49	Standard	56	17.5																		
STD SP49	Standard	62	18.2																		

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QUALITY CONTROL REPORT

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		AQ200																			
		V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
STD DS10	Standard	41	0.99	0.077	15	53	0.79	401	0.066	<20	0.96	0.063	0.31	3.2	0.31	2.7	5.0	0.29	4	2.8	5.0
STD DS10	Standard	44	1.09	0.077	17	55	0.81	422	0.076	<20	1.02	0.068	0.33	3.4	0.33	2.8	5.6	0.30	4	2.7	5.1
STD DS10	Standard	41	1.04	0.076	17	55	0.76	422	0.069	<20	0.97	0.064	0.32	3.1	0.33	2.6	5.5	0.28	4	2.0	5.0
STD DS10	Standard	42	1.05	0.074	16	55	0.78	385	0.074	<20	0.99	0.066	0.33	3.0	0.25	2.6	5.5	0.29	4	2.2	4.7
STD DS10	Standard	41	1.04	0.072	17	54	0.80	433	0.070	<20	0.98	0.064	0.32	3.0	0.28	2.8	5.7	0.29	4	2.5	5.2
STD DS10	Standard	41	1.04	0.075	16	53	0.77	418	0.069	<20	0.98	0.066	0.33	3.3	0.24	2.6	5.3	0.29	4	2.0	5.0
STD OREAS132A	Standard																				
STD OREAS134B	Standard																				
STD OREAS132A	Standard																				
STD OREAS134B	Standard																				
STD OREAS132A	Standard																				
STD OREAS134B	Standard																				
STD OREAS45EA	Standard	297	0.04	0.030	7	858	0.09	142	0.087	<20	2.85	0.020	0.05	<0.1	0.02	71.2	<0.1	<0.05	12	1.2	<0.2
STD OREAS45EA	Standard	296	0.03	0.026	6	774	0.09	139	0.086	<20	2.94	0.018	0.05	<0.1	<0.01	71.6	<0.1	<0.05	12	<0.5	<0.2
STD OREAS45EA	Standard	318	0.03	0.030	7	832	0.10	146	0.094	<20	3.25	0.020	0.05	<0.1	<0.01	77.3	<0.1	<0.05	12	<0.5	<0.2
STD OREAS45EA	Standard	287	0.03	0.027	7	802	0.09	142	0.085	<20	2.86	0.020	0.05	<0.1	0.01	71.6	<0.1	<0.05	11	1.0	<0.2
STD OREAS45EA	Standard	318	0.04	0.030	8	825	0.11	154	0.105	<20	3.21	0.025	0.05	<0.1	0.02	84.1	<0.1	<0.05	13	<0.5	<0.2
STD OREAS45EA	Standard	302	0.03	0.027	7	812	0.09	143	0.087	<20	3.07	0.019	0.05	<0.1	0.02	72.8	<0.1	<0.05	12	1.1	<0.2
STD OREAS45EA	Standard	303	0.04	0.028	7	819	0.10	144	0.087	<20	3.00	0.022	0.05	<0.1	0.01	72.8	<0.1	<0.05	11	<0.5	<0.2
STD SP49	Standard																				
STD SP49	Standard																				
STD SP49	Standard																				
STD SP49	Standard																				
STD SP49	Standard																				
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QUALITY CONTROL REPORT

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QUALITY CONTROL REPORT

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		WGHT	FA530	FA530	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
		Wgt	Ag	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	
		kg	gm/t	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
0.01	20	0.9	0.1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.01	0.5	0.1	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1
STD SQ70	Standard		156	39.9																		
STD SQ70	Standard		159	39.9																		
STD SQ70	Standard		160	39.9																		
STD SQ70	Standard		155	39.4																		
STD SQ70	Standard		157	39.9																		
STD SQ70	Standard		154	39.5																		
STD SQ70	Standard		156	40.1																		
STD SQ70	Standard		153	40.1																		
STD SQ70	Standard		161	39.7																		
STD SQ70	Standard		153	39.2																		
STD DS10 Expected			13.6	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	46.2	2.59	91.9	7.5	67.1	2.62	9	11.65			
STD OREAS45EA Expected			1.6	709	14.3	31.4	0.26	381	52	400	23.51	10.3	1.73	53	10.7	3.5	0.03	0.32	0.26			
STD OREAS132A Expected																						
STD OREAS134B Expected																						
STD AGPROOF Expected			94	0																		
STD SP49 Expected			60.2	18.34																		
STD SQ70 Expected			159.5	39.62																		
BLK	Blank	<20	<0.9																			
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<0.1
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<0.1
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<0.1
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<0.1
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<0.1
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<0.1
BLK	Blank		<20	<0.9																		
BLK	Blank		<20	<0.9																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	0.2	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<0.1
BLK	Blank			<20	<0.9																	
BLK	Blank			<20	<0.9																	



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QUALITY CONTROL REPORT

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		AQ200 V	AQ200 Ca	AQ200 P	AQ200 La	AQ200 Cr	AQ200 Mg	AQ200 Ba	AQ200 Ti	AQ200 B	AQ200 Al	AQ200 Na	AQ200 K	AQ200 W	AQ200 Hg	AQ200 Sc	AQ200 TI	AQ200 S	AQ200 Ga	AQ200 Se	AQ200 Te
		ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
STD SQ70	Standard																				
STD SQ70	Standard																				
STD SQ70	Standard																				
STD SQ70	Standard																				
STD SQ70	Standard																				
STD SQ70	Standard																				
STD SQ70	Standard																				
STD SQ70	Standard																				
STD SQ70	Standard																				
STD DS10 Expected		43	1.0625	0.0765	17.5	54.6	0.775	412	0.0817		1.0259	0.067	0.338	3.32	0.3	2.8	5.1	0.29	4.3	2.3	5.01
STD OREAS45EA Expected		303	0.036	0.029	7.06	849	0.095	148	0.0984		3.13	0.02	0.053			78	0.072	0.036	12.4	0.78	0.07
STD OREAS132A Expected																					
STD OREAS134B Expected																					
STD AGPROOF Expected																					
STD SP49 Expected																					
STD SQ70 Expected																					
BLK	Blank																				
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank																				
BLK	Blank																				



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Smithers BC V0J 2N0 CANADA

Project: Dome Mountain
Report Date: February 16, 2016

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Part: 3 of 3

QUALITY CONTROL REPORT

VAN16000216.1



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Canada

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA

PHONE (604) 253-3158

Client: Gavin Mines Inc.

3431 19th Ave
PO Box 2080
Smithers BC V0J 2N0 CANADA

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Report Date: February 16, 2016

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QUALITY CONTROL REPORT

VAN16000216.1

Sample ID	WGHT	FA530	FA530	AQ200																
	Wgt	Ag	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
	kg	gm/t	gm/t	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm							
	0.01	20	0.9	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1
BLK	Blank	<20	<0.9																	
BLK	Blank	<20	<0.9																	
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<20	<0.9																	
BLK	Blank	<20	<0.9																	
BLK	Blank	<20	<0.9																	
Prep Wash																				
ROCK-VAN	Prep Blank	<20	<0.9	0.5	3.6	1.2	32	<0.1	0.8	3.8	414	1.87	1.3	0.3	<0.5	2.1	21	<0.1	<0.1	<0.1
ROCK-VAN	Prep Blank	<20	<0.9	0.4	3.6	1.2	32	<0.1	0.7	4.0	405	1.81	1.2	0.3	<0.5	2.1	20	<0.1	<0.1	<0.1



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QUALITY CONTROL REPORT

VAN16000216.1

	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	
	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te				
	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2					
BLK	Blank																							
BLK	Blank																							
BLK	Blank																							
BLK	Blank																							
BLK	Blank																							
BLK	Blank																							
BLK	Blank																							
BLK	Blank																							
BLK	Blank																							
BLK	Blank																							
Prep Wash																								
ROCK-VAN	Prep Blank	21	0.49	0.042	4	3	0.41	61	0.061	<20	0.82	0.072	0.08	0.1	0.02	2.0	<0.1	<0.05	3	<0.5	<0.2			
ROCK-VAN	Prep Blank	21	0.62	0.041	4	3	0.41	54	0.056	<20	0.79	0.057	0.06	0.1	0.02	1.8	<0.1	<0.05	4	<0.5	<0.2			



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QUALITY CONTROL REPORT

		MA404	
		Cu	Zn
		%	%
		0.01	0.01
BLK	Blank		
BLK	Blank		
BLK	Blank	<0.01	<0.01
BLK	Blank	<0.01	<0.01
BLK	Blank	<0.01	<0.01
BLK	Blank		
BLK	Blank		
BLK	Blank		
Prep Wash			
ROCK-VAN	Prep Blank		
ROCK-VAN	Prep Blank		

VAN16000216.1



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PHONE (604) 253-3158

Client: **Gavin Mines Inc.**
3431 19th Ave
PO Box 2080
Smithers BC V0J 2N0 CANADA

Submitted By: Daryl Hanson
Receiving Lab: Canada-Smithers
Received: February 01, 2016
Report Date: February 12, 2016
Page: 1 of 3

CERTIFICATE OF ANALYSIS

VAN16000241.1

CLIENT JOB INFORMATION

Project: Dome Mountain
Shipment ID: ACME16-XX

P.O. Number
Number of Samples: 56

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	53	Crush, split and pulverize 250 g rock to 200 mesh			VAN
SLBHP	3	Sort, label and box pulps			VAN
FA530	56	Lead collection fire assay fusion - gravimetric finish	30	Completed	VAN
AQ200	56	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN
DRPLP	56	Warehouse handling / disposition of pulps			VAN
DRRJT	53	Warehouse handling / Disposition of reject			VAN

ADDITIONAL COMMENTS

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

Invoice To: **Gavin Mines Inc.**
3431 19th Ave
PO Box 2080
Smithers BC V0J 2N0
CANADA

CC: Phillipstine Michell
Kevin Tattersall
Rob Boyce
Mathias Westphal

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.





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Project: Dome Mountain
Report Date: February 12, 2016

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CERTIFICATE OF ANALYSIS

VAN16000241.1

Method	Analyte	Unit	WGHT	FA530	FA530	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	
			Wgt	Ag	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
			kg	gm/t	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
		MDL	0.01	20	0.9	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1
2625095	Drill Core		3.11	<20	<0.9	0.3	9.8	9.8	112	0.3	4.2	17.6	1258	4.86	6.3	0.2	51.3	0.7	74	<0.1	0.5	1.5
2625096	Drill Core		4.26	<20	<0.9	2.3	40.4	10.0	84	0.5	3.2	13.2	1728	4.11	15.1	<0.1	150.5	0.7	246	0.3	1.5	2.0
2625097	Rock		1.16	<20	<0.9	<0.1	0.3	<0.1	<1	<0.1	0.3	0.3	20	0.03	<0.5	1.1	1.5	<0.1	>2000	<0.1	<0.1	<0.1
2625098	Drill Core		4.58	<20	<0.9	0.7	23.2	15.0	75	0.8	2.2	14.2	2269	4.32	11.9	<0.1	104.9	0.5	1008	0.4	0.9	2.6
2625099	Drill Core		3.20	<20	<0.9	0.2	6.0	6.6	130	0.2	2.6	13.3	1035	4.56	3.5	0.1	92.2	0.6	177	0.2	0.3	0.9
2625100	Drill Core		3.62	<20	<0.9	0.2	221.5	12.7	330	0.6	3.7	14.9	2139	3.59	12.3	0.1	22.2	0.6	53	4.1	1.1	0.8
2625101	Drill Core		0.81	67	2.9	4.1	8364.8	4695.7	8278	74.7	2.6	10.8	2108	7.72	165.1	0.1	2914.3	0.2	31	248.6	31.1	126.7
2625102	Drill Core		3.84	<20	<0.9	0.1	34.7	7.4	74	0.2	6.2	19.9	2175	3.49	5.7	<0.1	35.7	0.5	60	0.5	1.1	0.7
2625103	Drill Core		3.64	<20	<0.9	0.4	44.2	17.7	106	0.8	3.9	15.5	1495	4.61	5.4	0.1	52.3	0.6	49	0.4	0.4	4.6
2625104	Drill Core		3.35	<20	<0.9	0.1	29.2	4.0	106	0.1	4.4	21.3	1636	4.22	3.2	<0.1	9.9	0.5	60	0.2	0.5	1.6
2625105	Drill Core		3.48	<20	<0.9	0.3	8.1	8.8	51	0.2	1.1	17.3	1913	3.58	9.8	0.2	16.6	0.7	75	0.3	0.8	1.1
2625106	Drill Core		4.26	<20	<0.9	2.7	1164.0	113.9	213	8.2	17.5	20.6	4321	5.00	49.0	<0.1	168.3	0.4	72	3.7	5.6	26.3
2625107	Drill Core		2.28	<20	<0.9	0.6	196.8	33.9	416	2.6	21.1	11.6	4548	3.85	17.8	<0.1	30.0	0.2	97	4.1	1.3	8.0
2625108	Drill Core		1.17	<20	3.7	5.0	1923.3	1660.3	5281	22.7	4.6	13.3	1599	5.17	68.0	<0.1	3723.1	0.2	36	141.2	2.0	35.9
2625109	Drill Core		4.14	<20	<0.9	<0.1	12.3	7.9	286	<0.1	5.7	19.6	1722	3.73	2.6	0.1	4.3	0.3	117	0.6	0.7	<0.1
2625110	Rock Pulp		0.11	<20	7.8	68.6	1045.8	321.8	1293	6.8	67.9	15.9	435	3.21	130.6	0.7	5004.7	1.9	44	5.8	7.3	2.2
2625316	Drill Core		7.16	<20	<0.9	<0.1	3.4	5.2	111	<0.1	4.9	18.1	1506	3.86	2.3	0.2	8.5	0.7	72	0.1	0.4	0.1
2625317	Drill Core		6.00	<20	<0.9	<0.1	3.4	4.5	52	0.1	4.9	19.0	1726	3.38	2.6	0.2	3.7	0.7	68	0.2	0.5	1.0
2625318	Drill Core		2.11	<20	<0.9	0.2	13.0	3.4	110	<0.1	5.3	18.6	2964	4.15	5.3	0.1	20.3	0.6	72	0.3	0.9	0.1
2625319	Drill Core		5.86	<20	<0.9	0.1	2.4	5.0	75	<0.1	6.0	21.5	1865	4.17	3.2	0.3	3.4	0.9	56	<0.1	0.7	<0.1
2625320	Rock Pulp		0.11	<20	9.5	903.5	59.1	9.3	57	1.4	28.9	11.2	366	3.25	18.8	0.3	9033.0	1.3	52	<0.1	23.8	0.4
2625321	Rock		1.31	<20	<0.9	<0.1	0.4	0.1	<1	<0.1	<0.1	<0.1	21	0.03	<0.5	1.2	<0.5	<0.1	>2000	<0.1	<0.1	<0.1
2625322	Drill Core		3.09	<20	<0.9	<0.1	6.8	4.3	106	<0.1	7.1	24.5	1969	4.28	2.7	0.2	2.1	0.8	69	<0.1	0.3	<0.1
2625323	Drill Core		2.79	<20	<0.9	0.1	2.9	8.1	63	<0.1	5.5	17.6	970	2.93	4.0	0.3	1.1	0.9	64	<0.1	0.6	<0.1
2625324	Drill Core		2.01	<20	<0.9	0.1	1.1	8.4	57	<0.1	2.8	14.0	1244	2.77	4.4	0.4	<0.5	0.8	126	<0.1	0.7	<0.1
2625325	Drill Core		1.82	<20	<0.9	0.1	1.9	9.0	88	<0.1	4.5	18.7	663	3.33	4.6	0.5	4.4	1.0	82	<0.1	1.0	0.1
2625326	Drill Core		5.40	<20	<0.9	<0.1	1.3	9.8	94	<0.1	4.8	19.8	984	4.03	7.9	0.6	<0.5	1.2	46	<0.1	1.6	0.1
2625327	Drill Core		5.43	<20	<0.9	0.1	1.3	10.7	69	<0.1	4.5	18.1	1113	3.96	7.3	0.6	1.3	1.2	78	<0.1	1.5	0.2
2625328	Drill Core		3.77	<20	<0.9	0.1	1.1	10.2	95	<0.1	4.9	19.1	1124	4.19	7.2	0.6	4.7	1.2	52	<0.1	1.3	0.2
2625329	Drill Core		2.02	<20	<0.9	<0.1	1.2	4.0	181	0.2	5.1	25.0	738	4.55	4.3	0.3	149.1	0.7	>2000	<0.1	0.4	2.8

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Report Date: February 12, 2016

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CERTIFICATE OF ANALYSIS

VAN16000241.1

Method	Analyte	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200								
		V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm						
MDL		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
2625095	Drill Core	59	2.30	0.047	2	4	1.58	347	0.004	<20	2.13	0.034	0.12	0.2	0.03	6.4	<0.1	1.28	6	<0.5	<0.2
2625096	Drill Core	27	4.23	0.038	2	4	1.40	284	0.002	<20	1.11	0.033	0.11	<0.1	0.05	3.8	<0.1	1.51	3	1.6	0.3
2625097	Rock	<2	34.36	0.004	<1	<1	1.62	8	<0.001	<20	0.02	0.002	<0.01	<0.1	<0.01	0.2	<0.1	0.12	<1	<0.5	0.4
2625098	Drill Core	28	4.85	0.040	2	<1	1.49	345	0.001	<20	0.74	0.036	0.11	<0.1	0.03	4.8	<0.1	1.76	2	3.8	0.5
2625099	Drill Core	65	1.85	0.049	2	2	1.11	419	0.003	<20	1.71	0.047	0.10	<0.1	0.01	6.5	<0.1	0.69	5	0.7	<0.2
2625100	Drill Core	10	3.56	0.051	2	1	1.41	56	0.001	<20	0.85	0.021	0.17	0.2	0.20	4.2	<0.1	0.84	2	<0.5	<0.2
2625101	Drill Core	4	1.97	0.019	<1	2	0.58	30	<0.001	<20	0.16	0.015	0.08	0.2	10.03	1.9	<0.1	7.05	<1	<0.5	8.4
2625102	Drill Core	10	4.75	0.041	1	<1	1.48	53	0.001	<20	0.30	0.019	0.15	0.2	0.04	6.8	0.1	0.66	<1	<0.5	<0.2
2625103	Drill Core	17	3.91	0.041	1	1	1.56	49	0.001	<20	0.80	0.018	0.15	0.2	0.01	7.2	<0.1	1.38	2	<0.5	<0.2
2625104	Drill Core	14	5.01	0.047	1	1	2.18	36	0.001	<20	0.87	0.017	0.15	0.1	<0.01	8.5	<0.1	0.22	2	<0.5	<0.2
2625105	Drill Core	13	5.31	0.056	2	<1	1.50	70	0.004	<20	0.26	0.009	0.18	0.3	<0.01	8.1	<0.1	0.41	<1	<0.5	<0.2
2625106	Drill Core	10	4.30	0.048	1	3	1.46	91	<0.001	<20	0.40	0.009	0.16	0.6	0.07	5.8	<0.1	3.08	<1	<0.5	1.2
2625107	Drill Core	20	5.94	0.031	<1	10	2.11	42	<0.001	<20	0.25	0.007	0.12	0.3	0.07	6.7	<0.1	1.12	<1	<0.5	0.3
2625108	Drill Core	15	1.89	0.034	<1	2	0.86	103	<0.001	<20	0.82	0.008	0.14	0.7	1.85	2.6	<0.1	3.59	2	<0.5	1.0
2625109	Drill Core	47	4.26	0.047	3	4	1.76	1467	0.010	<20	1.59	0.021	0.17	0.1	<0.01	6.3	<0.1	<0.05	4	<0.5	<0.2
2625110	Rock Pulp	57	0.92	0.063	10	30	0.63	326	0.073	<20	1.15	0.070	0.12	30.0	0.85	4.0	0.6	0.59	4	1.7	0.5
2625316	Drill Core	43	3.25	0.046	3	2	2.06	300	0.010	<20	1.34	0.034	0.11	<0.1	<0.01	11.0	<0.1	<0.05	4	<0.5	<0.2
2625317	Drill Core	19	3.43	0.046	2	2	1.64	353	0.009	<20	0.78	0.035	0.13	<0.1	<0.01	8.6	<0.1	0.24	2	<0.5	<0.2
2625318	Drill Core	51	2.96	0.044	3	3	2.25	359	0.003	<20	1.97	0.031	0.13	<0.1	<0.01	7.9	<0.1	0.08	5	<0.5	<0.2
2625319	Drill Core	70	2.10	0.051	7	4	2.47	85	0.013	<20	1.96	0.043	0.08	<0.1	<0.01	10.4	<0.1	<0.05	6	<0.5	<0.2
2625320	Rock Pulp	48	0.62	0.041	7	29	0.61	111	0.068	<20	1.08	0.073	0.19	21.3	3.56	3.4	1.0	1.35	4	1.7	0.6
2625321	Rock	<2	34.10	0.004	<1	<1	1.61	4	<0.001	<20	0.01	0.001	<0.01	<0.1	<0.01	0.2	<0.1	0.12	<1	<0.5	0.4
2625322	Drill Core	61	2.70	0.049	5	4	2.45	24	0.005	<20	1.89	0.030	0.06	<0.1	0.01	9.9	<0.1	<0.05	5	<0.5	<0.2
2625323	Drill Core	37	2.88	0.041	4	3	1.39	129	0.020	<20	0.97	0.045	0.10	<0.1	<0.01	7.7	<0.1	<0.05	3	<0.5	<0.2
2625324	Drill Core	23	5.56	0.040	5	2	1.52	27	0.011	<20	0.64	0.042	0.07	<0.1	<0.01	6.1	<0.1	<0.05	2	<0.5	<0.2
2625325	Drill Core	21	2.67	0.054	5	2	1.30	39	0.013	<20	1.11	0.046	0.10	<0.1	<0.01	5.6	<0.1	<0.05	3	<0.5	<0.2
2625326	Drill Core	73	2.34	0.045	5	4	2.16	25	0.027	<20	1.31	0.060	0.06	<0.1	<0.01	12.2	<0.1	<0.05	5	<0.5	<0.2
2625327	Drill Core	60	3.17	0.043	5	3	1.78	33	0.028	<20	0.94	0.059	0.07	<0.1	<0.01	10.0	<0.1	<0.05	3	<0.5	<0.2
2625328	Drill Core	32	1.80	0.047	5	4	2.41	30	0.030	<20	1.73	0.053	0.06	<0.1	<0.01	12.4	<0.1	<0.05	6	<0.5	<0.2
2625329	Drill Core	39	1.01	0.046	2	3	2.83	118	0.010	<20	3.11	0.035	0.09	<0.1	0.03	7.7	<0.1	0.09	9	<0.5	2.0

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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PHONE (604) 253-3158

Client: **Gavin Mines Inc.**

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PO Box 2080
Smithers BC V0J 2N0 CANADA

Project: Dome Mountain
Report Date: February 12, 2016

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CERTIFICATE OF ANALYSIS

VAN16000241.1

Method Analyte Unit MDL	WGHT	FA530	FA530	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	
	Wgt	Ag	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	
	kg	gm/t	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm		
	0.01	20	0.9	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1		
2625330	Drill Core	3.97	<20	<0.9	<0.1	1.2	7.6	126	<0.1	5.0	21.0	825	4.74	7.1	0.6	8.1	1.1	33	<0.1	1.2	0.2
2625331	Drill Core	4.11	<20	<0.9	<0.1	1.1	6.1	97	<0.1	4.6	16.8	1458	3.98	6.5	0.4	18.6	1.0	53	<0.1	0.8	0.2
2625332	Drill Core	3.10	<20	<0.9	0.8	147.3	2.7	116	<0.1	4.3	17.5	2065	4.11	5.6	0.1	26.1	0.4	113	<0.1	0.3	1.8
2625333	Drill Core	4.28	<20	<0.9	0.1	4.3	1.9	125	<0.1	5.1	20.2	1372	4.62	5.6	0.1	25.6	0.5	118	0.1	0.2	0.7
2625334	Drill Core	5.13	<20	<0.9	<0.1	1.0	7.0	47	<0.1	3.6	13.4	784	2.97	4.8	0.4	6.5	1.1	53	<0.1	0.8	0.3
2625335	Drill Core	1.07	<20	<0.9	<0.1	0.9	13.7	51	<0.1	4.3	14.4	1251	2.83	4.0	0.4	<0.5	1.0	376	0.1	0.8	<0.1
2625336	Drill Core	6.47	<20	<0.9	<0.1	0.8	5.2	99	<0.1	6.1	22.9	974	3.25	3.9	0.4	<0.5	0.9	73	<0.1	0.7	<0.1
2625337	Drill Core	2.83	<20	<0.9	2.7	16.7	2.9	44	<0.1	5.3	9.5	1595	2.95	27.6	0.6	<0.5	0.2	117	<0.1	1.4	<0.1
2625338	Drill Core	1.69	<20	<0.9	0.1	86.5	127.2	44	0.8	1.8	9.4	1614	2.74	11.8	0.1	<0.5	0.7	127	0.6	2.7	<0.1
2625339	Drill Core	3.74	<20	<0.9	0.2	38.5	7.2	73	0.4	5.5	17.0	1352	4.81	6.3	<0.1	<0.5	0.7	103	0.3	0.6	<0.1
2625340	Rock Pulp	0.11	<20	7.6	68.9	1056.8	324.0	1369	7.1	69.0	16.9	433	3.29	130.8	0.7	5155.9	1.8	44	7.0	8.2	2.4
2625341	Rock	1.89	<20	<0.9	<0.1	0.3	0.2	<1	<0.1	<0.1	0.3	23	0.03	<0.5	1.1	1.1	<0.1	>2000	<0.1	<0.1	<0.1
2625342	Drill Core	3.74	<20	<0.9	0.1	52.7	4.3	80	0.2	6.6	17.8	1513	4.50	9.4	<0.1	1.0	0.5	149	0.5	0.5	<0.1
2625343	Drill Core	3.81	<20	<0.9	0.2	49.5	7.8	97	0.4	12.4	22.6	1366	5.19	8.5	<0.1	<0.5	0.4	129	0.5	0.3	<0.1
2625344	Drill Core	3.39	<20	<0.9	0.8	211.6	19.4	171	1.6	23.0	35.4	1900	7.27	17.4	0.3	3.7	0.4	187	0.9	4.9	<0.1
2625345	Drill Core	2.70	76	<0.9	<0.1	22.8	8.3	89	0.3	5.0	17.7	1068	4.21	8.2	0.2	<0.5	0.6	79	0.3	1.5	<0.1
2625346	Drill Core	5.35	<20	<0.9	<0.1	32.4	4.0	74	<0.1	4.6	18.2	981	3.65	1.7	0.4	0.7	0.8	75	0.1	1.5	<0.1
2625347	Drill Core	1.62	<20	<0.9	<0.1	13.2	3.7	88	<0.1	4.8	20.0	1005	4.42	5.8	0.2	<0.5	0.5	123	0.2	0.5	<0.1
2625348	Drill Core	1.95	<20	<0.9	<0.1	171.9	3.3	88	0.2	3.2	17.7	1341	3.94	4.9	0.2	1.8	0.5	143	0.2	0.9	<0.1
2625349	Drill Core	4.42	<20	<0.9	<0.1	72.9	3.4	76	<0.1	3.3	15.2	1080	3.37	3.2	0.4	<0.5	0.7	92	<0.1	1.7	<0.1
2625350	Drill Core	3.29	<20	<0.9	<0.1	105.2	4.2	46	0.4	2.2	8.4	1066	3.52	8.5	0.2	2.0	0.6	52	0.1	0.8	<0.1
2625351	Drill Core	4.90	<20	<0.9	<0.1	4.4	3.7	91	<0.1	3.5	18.1	1337	3.95	2.3	0.3	<0.5	0.7	133	<0.1	0.3	<0.1
2625352	Drill Core	0.93	<20	<0.9	<0.1	11.5	3.8	88	<0.1	4.8	23.3	1684	4.08	4.5	0.3	0.6	0.6	142	0.2	0.4	<0.1
2625353	Drill Core	4.54	<20	<0.9	<0.1	1.1	5.0	66	<0.1	6.0	18.4	1358	3.55	2.9	0.4	1.5	0.9	87	<0.1	1.5	<0.1
2625354	Drill Core	2.06	<20	<0.9	<0.1	11.1	4.5	60	0.3	8.7	22.3	2205	4.56	4.3	0.2	2.9	0.5	223	0.1	0.5	<0.1
2625355	Drill Core	4.29	<20	<0.9	<0.1	1.4	5.5	79	<0.1	18.1	23.2	1499	4.27	2.7	0.4	<0.5	0.9	119	<0.1	1.0	<0.1



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CERTIFICATE OF ANALYSIS

VAN16000241.1

Method	Analyte	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200									
		V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
2625330	Drill Core	43	1.07	0.047	5	4	2.33	32	0.030	<20	2.26	0.050	0.07	<0.1	<0.01	9.7	<0.1	<0.05	7	<0.5	<0.2
2625331	Drill Core	41	2.37	0.052	5	4	2.03	38	0.022	<20	1.69	0.059	0.06	<0.1	0.01	11.3	<0.1	<0.05	6	<0.5	<0.2
2625332	Drill Core	87	3.65	0.043	2	3	1.93	137	0.003	<20	2.41	0.035	0.10	<0.1	0.04	6.8	<0.1	0.20	5	<0.5	0.9
2625333	Drill Core	49	2.18	0.048	2	5	1.90	57	0.003	<20	2.87	0.034	0.09	<0.1	0.02	6.9	<0.1	<0.05	7	<0.5	0.2
2625334	Drill Core	17	2.27	0.048	5	2	0.94	96	0.015	<20	0.82	0.042	0.11	<0.1	<0.01	4.3	<0.1	<0.05	2	<0.5	<0.2
2625335	Drill Core	28	8.11	0.044	8	2	0.95	851	0.015	<20	0.98	0.033	0.11	<0.1	<0.01	6.4	<0.1	<0.05	2	<0.5	<0.2
2625336	Drill Core	77	3.02	0.046	4	3	2.30	57	0.016	<20	1.66	0.052	0.06	<0.1	<0.01	9.6	<0.1	<0.05	5	<0.5	<0.2
2625337	Drill Core	64	11.88	0.053	4	7	0.80	15	0.001	<20	0.95	0.024	0.02	<0.1	0.03	7.8	<0.1	0.92	4	<0.5	<0.2
2625338	Drill Core	44	3.97	0.038	5	1	1.59	7	<0.001	<20	0.40	0.064	0.02	<0.1	0.01	8.5	<0.1	<0.05	2	<0.5	<0.2
2625339	Drill Core	86	2.72	0.028	5	8	1.76	143	0.001	<20	0.99	0.051	0.01	<0.1	<0.01	18.8	<0.1	<0.05	6	<0.5	<0.2
2625340	Rock Pulp	57	0.93	0.065	10	31	0.64	340	0.078	<20	1.15	0.071	0.11	33.9	0.88	4.2	0.6	0.60	5	1.0	0.5
2625341	Rock	<2	32.50	0.004	<1	<1	1.71	4	<0.001	<20	0.03	0.002	<0.01	<0.1	<0.01	0.2	<0.1	0.10	<1	<0.5	0.5
2625342	Drill Core	84	3.74	0.037	5	7	1.82	23	0.001	<20	0.73	0.052	0.02	<0.1	<0.01	18.3	<0.1	<0.05	5	<0.5	<0.2
2625343	Drill Core	102	3.06	0.050	5	14	2.21	16	0.001	<20	1.46	0.048	0.05	<0.1	<0.01	19.1	<0.1	<0.05	6	<0.5	<0.2
2625344	Drill Core	89	5.05	0.060	4	9	2.75	84	<0.001	<20	0.59	0.040	0.08	<0.1	0.06	17.5	<0.1	0.06	2	<0.5	<0.2
2625345	Drill Core	33	3.61	0.054	2	2	1.22	58	0.005	<20	0.25	0.058	0.09	<0.1	0.02	10.6	<0.1	0.30	<1	<0.5	<0.2
2625346	Drill Core	41	3.15	0.060	3	3	1.12	57	0.016	<20	0.24	0.073	0.08	<0.1	<0.01	9.7	<0.1	<0.05	<1	<0.5	<0.2
2625347	Drill Core	43	3.37	0.048	2	1	1.35	64	<0.001	<20	0.25	0.043	0.09	<0.1	0.01	8.0	<0.1	0.30	<1	<0.5	<0.2
2625348	Drill Core	55	3.45	0.034	2	1	1.68	57	0.001	<20	0.40	0.049	0.05	<0.1	<0.01	9.5	<0.1	0.33	2	<0.5	<0.2
2625349	Drill Core	52	2.45	0.050	3	3	1.55	209	0.009	<20	0.51	0.062	0.06	<0.1	<0.01	9.3	<0.1	<0.05	3	<0.5	<0.2
2625350	Drill Core	53	2.56	0.049	1	2	0.81	6	0.006	<20	0.15	0.074	0.01	<0.1	<0.01	10.2	<0.1	0.45	<1	<0.5	<0.2
2625351	Drill Core	47	2.32	0.053	2	2	2.26	544	0.004	<20	0.98	0.050	0.08	<0.1	<0.01	9.8	<0.1	0.12	5	<0.5	<0.2
2625352	Drill Core	80	4.15	0.036	3	4	2.64	70	0.004	<20	1.51	0.038	0.06	<0.1	<0.01	13.1	<0.1	0.24	6	<0.5	<0.2
2625353	Drill Core	62	3.56	0.043	4	8	2.14	196	0.025	<20	1.57	0.038	0.06	<0.1	0.01	11.8	<0.1	<0.05	6	<0.5	<0.2
2625354	Drill Core	66	5.77	0.027	2	6	2.83	27	0.002	<20	0.38	0.041	0.02	<0.1	<0.01	19.2	<0.1	1.22	2	1.2	<0.2
2625355	Drill Core	82	2.81	0.053	5	28	2.72	42	0.016	<20	1.51	0.030	0.07	<0.1	<0.01	16.8	<0.1	<0.05	6	<0.5	<0.2



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QUALITY CONTROL REPORT

VAN16000241.1

Method	WGHT	FA530	FA530	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200		
	Analyte	Wgt	Ag	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	
	Unit	kg	gm/t	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
	MDL	0.01	20	0.9	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	
Pulp Duplicates																						
REP ROCK-VAN	QC				0.5	2.9	1.2	34	<0.1	0.9	3.8	386	1.63	0.8	0.4	0.7	2.2	24	<0.1	<0.1	<0.1	
2625318	Drill Core	2.11	<20	<0.9	0.2	13.0	3.4	110	<0.1	5.3	18.6	2964	4.15	5.3	0.1	20.3	0.6	72	0.3	0.9	0.1	
REP 2625318	QC		<20	<0.9																		
2625334	Drill Core	5.13	<20	<0.9	<0.1	1.0	7.0	47	<0.1	3.6	13.4	784	2.97	4.8	0.4	6.5	1.1	53	<0.1	0.8	0.3	
REP 2625334	QC				0.1	1.4	7.2	48	<0.1	3.5	13.7	795	3.01	5.1	0.4	2.5	1.1	54	<0.1	0.8	0.3	
2625352	Drill Core	0.93	<20	<0.9	<0.1	11.5	3.8	88	<0.1	4.8	23.3	1684	4.08	4.5	0.3	0.6	0.6	142	0.2	0.4	<0.1	
REP 2625352	QC		<20	<0.9																		
Core Reject Duplicates																						
2625327	Drill Core	5.43	<20	<0.9	0.1	1.3	10.7	69	<0.1	4.5	18.1	1113	3.96	7.3	0.6	1.3	1.2	78	<0.1	1.5	0.2	
DUP 2625327	QC		<20	<0.9	0.1	1.5	10.3	70	<0.1	4.1	17.6	1126	3.99	7.8	0.6	1.3	1.1	79	<0.1	1.5	0.2	
Reference Materials																						
STD AGPROOF	Standard		95	<0.9																		
STD AGPROOF	Standard		96	<0.9																		
STD DS10	Standard			13.0	152.8	143.5	370	1.9	71.7	12.5	870	2.61	48.2	2.2	51.0	6.2	55	2.7	7.7	11.1		
STD DS10	Standard				13.3	155.6	152.5	391	1.9	74.7	13.4	885	2.78	44.2	2.6	57.5	6.5	61	2.8	7.8	12.0	
STD OREAS45EA	Standard				1.5	657.5	14.4	31	0.2	352.6	48.7	402	20.54	10.4	1.8	57.4	9.8	3	<0.1	0.3	0.2	
STD OREAS45EA	Standard					1.4	650.8	13.7	30	0.2	349.9	49.4	390	20.46	10.1	1.7	56.2	9.5	3	<0.1	0.3	0.2
STD SP49	Standard		56	18.4																		
STD SP49	Standard		61	18.3																		
STD SQ70	Standard		153	40.1																		
STD SQ70	Standard		150	38.5																		
STD DS10 Expected					13.6	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	46.2	2.59	91.9	7.5	67.1	2.62	9	11.65	
STD OREAS45EA Expected						1.6	709	14.3	31.4	0.26	381	52	400	23.51	10.3	1.73	53	10.7	3.5	0.03	0.32	0.26
STD AGPROOF Expected			94	0																		
STD SP49 Expected			60.2	18.34																		
STD SQ70 Expected			159.5	39.62																		
BLK	Blank				<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	
BLK	Blank				<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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QUALITY CONTROL REPORT

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Method	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200		
	Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
	Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
	MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																						
REP ROCK-VAN	QC	20	0.49	0.043	4	2	0.38	70	0.056	<20	0.81	0.065	0.07	0.1	<0.01	2.0	<0.1	<0.05	4	<0.5	<0.2	
2625318	Drill Core	51	2.96	0.044	3	3	2.25	359	0.003	<20	1.97	0.031	0.13	<0.1	<0.01	7.9	<0.1	0.08	5	<0.5	<0.2	
REP 2625318	QC																					
2625334	Drill Core	17	2.27	0.048	5	2	0.94	96	0.015	<20	0.82	0.042	0.11	<0.1	<0.01	4.3	<0.1	<0.05	2	<0.5	<0.2	
REP 2625334	QC	17	2.27	0.049	5	2	0.96	102	0.015	<20	0.85	0.043	0.12	<0.1	<0.01	4.4	<0.1	<0.05	2	<0.5	<0.2	
2625352	Drill Core	80	4.15	0.036	3	4	2.64	70	0.004	<20	1.51	0.038	0.06	<0.1	<0.01	13.1	<0.1	0.24	6	<0.5	<0.2	
REP 2625352	QC																					
Core Reject Duplicates																						
2625327	Drill Core	60	3.17	0.043	5	3	1.78	33	0.028	<20	0.94	0.059	0.07	<0.1	<0.01	10.0	<0.1	<0.05	3	<0.5	<0.2	
DUP 2625327	QC	60	3.20	0.043	5	3	1.80	32	0.028	<20	0.95	0.057	0.07	<0.1	<0.01	10.2	<0.1	<0.05	3	<0.5	<0.2	
Reference Materials																						
STD AGPROOF	Standard																					
STD AGPROOF	Standard																					
STD DS10	Standard	39	1.01	0.071	15	52	0.75	406	0.064	<20	0.94	0.061	0.32	2.8	0.27	2.5	5.0	0.27	4	2.3	4.9	
STD DS10	Standard	41	1.06	0.077	16	55	0.78	415	0.066	<20	0.99	0.066	0.33	2.9	0.31	2.7	5.1	0.29	4	2.2	5.1	
STD OREAS45EA	Standard	290	0.04	0.027	7	852	0.08	158	0.078	<20	2.95	0.015	0.05	<0.1	0.01	72.5	<0.1	<0.05	11	0.7	<0.2	
STD OREAS45EA	Standard	286	0.03	0.025	7	845	0.08	143	0.078	<20	2.94	0.021	0.05	<0.1	0.01	69.1	<0.1	<0.05	11	0.5	<0.2	
STD SP49	Standard																					
STD SP49	Standard																					
STD SQ70	Standard																					
STD SQ70	Standard																					
STD DS10 Expected		43	1.0625	0.0765	17.5	54.6	0.775	412	0.0817		1.0259	0.067	0.338	3.32	0.3	2.8	5.1	0.29	4.3	2.3	5.01	
STD OREAS45EA Expected		303	0.036	0.029	7.06	849	0.095	148	0.0984		3.13	0.02	0.053				78	0.072	0.036	12.4	0.78	0.07
STD AGPROOF Expected																						
STD SP49 Expected																						
STD SQ70 Expected																						
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	



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Bureau Veritas Commodities Canada Ltd.

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PHONE (604) 253-3158

Client: **Gavin Mines Inc.**

3431 19th Ave
PO Box 2080
Smithers BC V0J 2N0 CANADA

Project: Dome Mountain
Report Date: February 12, 2016

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QUALITY CONTROL REPORT

VAN16000241.1

	WGHT	FA530	FA530	AQ200																
	Wgt	Ag	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
	kg	gm/t	gm/t	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm							
	0.01	20	0.9	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1
BLK	Blank	<20	<0.9																	
BLK	Blank	<20	<0.9																	
Prep Wash																				
ROCK-VAN	Prep Blank	<20	<0.9	0.4	2.8	1.2	33	<0.1	0.8	3.6	373	1.65	0.7	0.3	1.7	2.2	21	<0.1	<0.1	<0.1
ROCK-VAN	Prep Blank	<20	<0.9																	
ROCK-VAN	Prep Blank			0.6	3.1	1.2	33	<0.1	0.8	3.6	371	1.57	0.9	0.3	2.1	2.1	23	<0.1	<0.1	<0.1



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QUALITY CONTROL REPORT

VAN16000241.1

		AQ200																					
		V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te		
		ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2		
BLK	Blank																						
BLK	Blank																						
Prep Wash																							
ROCK-VAN	Prep Blank	19	0.46	0.044	4	2	0.38	62	0.055	<20	0.76	0.063	0.07	0.1	<0.01	1.9	<0.1	<0.05	3	<0.5	<0.2		
ROCK-VAN	Prep Blank																						
ROCK-VAN	Prep Blank	20	0.47	0.044	4	2	0.37	67	0.054	<20	0.78	0.064	0.08	<0.1	<0.01	1.9	<0.1	<0.05	3	<0.5	<0.2		



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Submitted By: Daryl Hanson
Receiving Lab: Canada-Smithers
Received: February 04, 2016
Report Date: February 19, 2016
Page: 1 of 5

CERTIFICATE OF ANALYSIS

VAN16000263.1

CLIENT JOB INFORMATION

Project: Dome Mountain
Shipment ID: ACME16-03

P.O. Number
Number of Samples: 118

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	113	Crush, split and pulverize 250 g rock to 200 mesh			VAN
SLBHP	5	Sort, label and box pulps			VAN
FA530	118	Lead collection fire assay fusion - gravimetric finish	30	Completed	VAN
AQ200	118	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN
DRPLP	118	Warehouse handling / disposition of pulps			VAN
DRRJT	113	Warehouse handling / Disposition of reject			VAN
MA404	2	4 Acid Digest AAS Finish Vancouver	0.5	Completed	VAN

ADDITIONAL COMMENTS

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

Invoice To: **Gavin Mines Inc.**
3431 19th Ave
PO Box 2080
Smithers BC V0J 2N0
CANADA

CC: Phillipstine Michell
Kevin Tattersall
Rob Boyce
Mathias Westphal

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.





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Project: Dome Mountain
Report Date: February 19, 2016

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CERTIFICATE OF ANALYSIS

VAN16000263.1

Method	Analyte	Unit	WGHT	FA530	FA530	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	
			Wgt	Ag	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
			kg	gm/t	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
		MDL	0.01	20	0.9	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1
2625111	Drill Core		3.16	<20	<0.9	0.2	20.2	64.2	361	0.5	2.6	12.6	881	4.22	5.0	<0.1	16.0	0.6	92	3.2	0.5	1.2
2625112	Drill Core		5.33	<20	<0.9	2.1	209.7	753.5	990	13.5	2.6	11.6	1249	4.15	17.0	<0.1	87.0	0.5	77	35.5	2.0	26.0
2625113	Drill Core		4.68	<20	<0.9	1.8	96.3	209.4	395	4.8	2.6	15.1	1029	4.32	18.8	<0.1	101.3	0.5	69	12.2	1.5	11.2
2625114	Drill Core		3.47	<20	<0.9	0.5	4.8	9.7	227	0.2	2.5	15.4	914	4.49	3.6	0.1	17.4	0.7	83	0.6	0.2	0.9
2625115	Drill Core		4.01	<20	<0.9	0.2	5.0	3.7	95	<0.1	4.4	13.9	840	3.61	2.2	0.2	2.3	0.9	118	0.4	0.4	<0.1
2625116	Drill Core		2.30	141	1.6	2.6	1899.2	>10000	9735	>100	1.7	7.7	1612	6.15	36.3	<0.1	5651.2	0.3	65	318.0	3.7	272.0
2625117	Drill Core		1.43	<20	<0.9	0.9	164.5	182.6	1040	2.9	2.2	17.8	923	4.19	8.0	0.1	19.0	0.7	63	27.5	0.3	5.7
2625118	Drill Core		3.94	<20	<0.9	0.2	25.5	16.7	158	0.2	2.6	12.1	824	3.72	4.1	0.2	11.6	0.8	99	0.8	0.4	0.6
2625119	Drill Core		2.45	<20	<0.9	1.0	143.1	125.3	85	2.8	2.6	14.7	963	4.53	18.8	0.1	83.6	0.7	79	1.5	1.1	7.9
2625120	Rock		0.72	<20	<0.9	<0.1	1.5	0.9	1	<0.1	<0.1	<0.1	26	0.03	<0.5	1.4	<0.5	<0.1	>2000	<0.1	<0.1	<0.1
2625121	Drill Core		3.37	<20	<0.9	<0.1	7.6	14.0	109	0.2	1.7	8.6	676	3.24	4.5	0.2	2.3	0.8	65	0.6	0.5	0.5
2625122	Drill Core		3.76	<20	<0.9	0.1	2.6	9.5	72	<0.1	1.0	12.9	995	2.40	1.7	0.1	<0.5	0.9	145	0.6	0.3	<0.1
2625123	Drill Core		1.72	49	<0.9	0.9	6840.4	539.2	322	44.4	1.4	13.0	963	7.42	32.1	<0.1	142.6	0.4	112	12.2	1.2	188.7
2625124	Drill Core		1.84	<20	<0.9	0.5	448.9	84.1	105	4.4	1.1	20.0	1064	3.66	8.1	<0.1	19.5	0.6	104	1.3	0.2	15.0
2625125	Drill Core		6.49	<20	<0.9	0.2	8.7	7.6	51	<0.1	1.4	10.2	788	2.31	2.9	0.1	2.9	0.9	83	0.6	0.3	0.2
2625126	Drill Core		3.55	<20	<0.9	1.1	872.5	294.6	202	5.3	1.7	13.3	882	4.18	33.5	<0.1	71.4	0.5	91	5.4	10.8	7.9
2625127	Drill Core		4.66	<20	<0.9	0.2	57.3	287.0	597	2.7	1.3	14.0	1021	3.57	5.8	<0.1	22.2	0.8	103	16.4	0.4	5.6
2625128	Drill Core		3.28	<20	<0.9	<0.1	1.7	7.7	54	<0.1	1.5	11.8	704	2.43	4.0	0.2	0.6	1.0	97	0.2	0.2	<0.1
2625129	Drill Core		3.23	<20	<0.9	0.2	1.9	7.3	38	<0.1	1.1	6.3	798	2.12	3.0	0.2	<0.5	0.9	101	0.5	0.3	<0.1
2625130	Drill Core		3.65	<20	<0.9	0.2	25.3	10.9	107	0.1	1.7	11.5	1235	3.03	2.9	<0.1	5.1	0.7	120	0.9	0.4	0.3
2625131	Drill Core		6.24	<20	<0.9	0.7	360.0	249.8	127	7.5	2.2	13.5	868	4.37	19.5	<0.1	62.5	0.6	71	1.8	1.7	23.4
2625132	Rock Pulp		0.11	<20	9.4	924.7	55.7	9.5	56	1.4	29.2	11.3	369	3.27	18.5	0.3	7929.6	1.4	55	0.2	26.6	0.5
2625133	Drill Core		6.24	<20	<0.9	0.9	119.5	361.8	219	13.4	3.2	19.4	1250	4.53	13.3	<0.1	85.8	0.6	156	4.9	2.4	28.0
2625134	Drill Core		6.44	<20	<0.9	0.3	49.0	24.3	168	0.4	3.5	19.0	1277	4.00	4.0	0.1	3.9	0.7	111	1.5	0.6	0.7
2625135	Drill Core		7.01	<20	<0.9	0.4	47.8	30.8	107	1.7	3.6	17.7	1203	4.29	4.0	0.1	16.3	0.7	81	0.4	0.5	4.4
2625136	Drill Core		3.98	29	<0.9	1.1	959.9	439.7	154	35.6	2.9	20.3	1387	6.03	28.7	<0.1	83.2	0.5	84	2.6	5.6	121.6
2625137	Drill Core		3.27	<20	<0.9	<0.1	4.6	3.7	79	<0.1	2.5	12.5	1104	3.67	2.7	0.2	2.1	0.9	171	0.2	0.2	0.4
2625138	Drill Core		2.50	<20	<0.9	0.2	6.7	8.4	147	0.5	2.2	11.9	1068	4.05	3.8	0.2	14.1	0.7	199	0.3	0.3	2.2
2625139	Drill Core		1.25	47	<0.9	1.3	2195.0	675.5	1477	50.2	1.6	8.2	717	8.37	64.2	<0.1	124.4	0.5	168	46.1	7.3	97.0
2625140	Drill Core		2.20	21	<0.9	1.0	896.5	210.8	579	20.5	1.8	16.1	1072	3.70	19.1	0.1	30.6	0.6	105	14.3	2.6	42.0

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: Dome Mountain
Report Date: February 19, 2016

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CERTIFICATE OF ANALYSIS

VAN16000263.1

Method	Analyte	AQ200																			
		V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.01	0.05	1	0.5	0.2
2625111	Drill Core	41	2.36	0.044	2	2	1.08	363	0.004	<20	1.63	0.045	0.15	0.1	0.04	4.6	<0.1	1.32	4	<0.5	<0.2
2625112	Drill Core	15	2.49	0.049	2	1	0.93	130	0.002	<20	0.59	0.021	0.13	0.2	0.51	2.4	<0.1	3.06	1	<0.5	0.8
2625113	Drill Core	25	2.27	0.054	2	1	1.04	176	0.002	<20	1.03	0.028	0.16	0.2	0.15	3.9	<0.1	2.71	3	<0.5	0.4
2625114	Drill Core	49	1.69	0.056	2	3	1.45	405	0.003	<20	1.85	0.046	0.13	<0.1	<0.01	5.8	<0.1	1.03	5	<0.5	<0.2
2625115	Drill Core	31	2.67	0.069	5	3	1.53	1014	0.007	<20	1.31	0.047	0.15	<0.1	<0.01	6.2	<0.1	<0.05	3	<0.5	<0.2
2625116	Drill Core	9	2.77	0.031	<1	1	0.85	54	<0.001	<20	0.31	0.017	0.12	0.1	7.02	1.6	<0.1	6.07	<1	1.0	18.7
2625117	Drill Core	17	2.74	0.069	2	1	0.94	63	0.002	<20	0.76	0.027	0.17	0.1	0.50	4.6	<0.1	2.14	1	<0.5	0.2
2625118	Drill Core	24	2.94	0.055	2	2	0.93	461	0.005	<20	1.06	0.048	0.19	<0.1	<0.01	5.4	<0.1	0.42	2	<0.5	<0.2
2625119	Drill Core	11	3.14	0.049	1	<1	0.84	81	0.001	<20	0.46	0.025	0.18	0.2	0.03	3.4	<0.1	3.16	<1	<0.5	1.0
2625120	Rock	<2	32.22	0.004	<1	<1	1.88	5	<0.001	<20	0.03	0.001	<0.01	<0.1	<0.01	0.1	<0.1	0.10	<1	<0.5	0.5
2625121	Drill Core	19	2.21	0.057	2	1	0.75	137	0.005	<20	0.88	0.045	0.18	<0.1	<0.01	4.3	<0.1	0.35	2	<0.5	<0.2
2625122	Drill Core	28	6.15	0.064	5	<1	0.62	75	0.010	<20	0.51	0.037	0.15	<0.1	<0.01	3.4	<0.1	<0.05	1	<0.5	<0.2
2625123	Drill Core	15	5.43	0.051	2	<1	0.37	47	0.002	<20	0.66	0.034	0.14	0.1	0.19	2.0	<0.1	6.59	2	1.0	4.7
2625124	Drill Core	24	5.78	0.065	3	<1	0.52	49	0.003	<20	1.04	0.045	0.18	<0.1	0.02	4.1	<0.1	1.54	2	<0.5	0.2
2625125	Drill Core	23	5.15	0.067	4	1	0.35	41	0.010	<20	0.97	0.048	0.17	<0.1	<0.01	3.1	<0.1	0.08	2	<0.5	<0.2
2625126	Drill Core	10	4.52	0.065	2	1	0.37	49	0.002	<20	0.57	0.026	0.14	0.2	0.11	2.0	<0.1	3.47	1	<0.5	0.6
2625127	Drill Core	19	4.70	0.063	3	<1	0.82	49	0.003	<20	1.21	0.040	0.18	<0.1	0.25	4.0	<0.1	1.09	2	<0.5	0.3
2625128	Drill Core	16	5.72	0.067	6	2	0.66	65	0.009	<20	0.83	0.038	0.16	<0.1	<0.01	3.7	<0.1	<0.05	2	<0.5	<0.2
2625129	Drill Core	19	6.21	0.069	4	<1	0.53	74	0.011	<20	0.42	0.024	0.14	<0.1	<0.01	4.0	<0.1	<0.05	<1	<0.5	<0.2
2625130	Drill Core	12	5.67	0.062	2	<1	1.30	1120	0.001	<20	0.49	0.024	0.17	<0.1	<0.01	5.2	<0.1	0.26	<1	<0.5	<0.2
2625131	Drill Core	13	3.61	0.038	1	<1	0.98	58	0.001	<20	0.60	0.024	0.15	0.1	0.05	3.4	<0.1	2.95	<1	<0.5	0.9
2625132	Rock Pulp	54	0.68	0.039	7	30	0.65	118	0.083	<20	1.11	0.076	0.20	19.4	3.23	3.4	1.1	1.36	4	1.2	0.7
2625133	Drill Core	19	4.26	0.035	1	1	1.36	262	0.002	<20	0.92	0.031	0.18	<0.1	0.12	5.6	<0.1	1.98	2	<0.5	1.2
2625134	Drill Core	30	3.83	0.042	2	1	1.74	92	0.002	<20	1.27	0.039	0.18	<0.1	0.02	8.0	<0.1	0.51	3	<0.5	<0.2
2625135	Drill Core	33	3.24	0.043	2	2	1.69	98	0.002	<20	1.43	0.037	0.18	<0.1	<0.01	7.8	<0.1	0.83	3	<0.5	0.2
2625136	Drill Core	25	3.41	0.031	1	1	1.60	69	0.002	<20	0.99	0.020	0.18	0.2	0.13	6.0	<0.1	3.98	2	<0.5	1.8
2625137	Drill Core	29	2.91	0.038	3	2	1.71	76	0.004	<20	1.42	0.033	0.14	<0.1	<0.01	6.0	<0.1	0.24	3	<0.5	<0.2
2625138	Drill Core	28	1.59	0.073	3	<1	1.21	93	0.003	<20	1.60	0.059	0.19	<0.1	<0.01	4.1	<0.1	1.24	4	<0.5	<0.2
2625139	Drill Core	8	1.76	0.041	1	1	0.50	53	<0.001	<20	0.32	0.018	0.11	0.2	0.50	1.3	<0.1	8.34	<1	0.6	4.4
2625140	Drill Core	12	1.98	0.064	2	<1	1.23	50	0.002	<20	1.05	0.018	0.18	0.1	0.17	3.1	<0.1	1.93	2	<0.5	0.9

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Project: Dome Mountain
Report Date: February 19, 2016

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CERTIFICATE OF ANALYSIS

	Method	MA404	MA404
Analyte		Pb	Zn
Unit		%	%
MDL		0.01	0.01
2625111	Drill Core		
2625112	Drill Core		
2625113	Drill Core		
2625114	Drill Core		
2625115	Drill Core		
2625116	Drill Core	2.96	0.94
2625117	Drill Core		
2625118	Drill Core		
2625119	Drill Core		
2625120	Rock		
2625121	Drill Core		
2625122	Drill Core		
2625123	Drill Core		
2625124	Drill Core		
2625125	Drill Core		
2625126	Drill Core		
2625127	Drill Core		
2625128	Drill Core		
2625129	Drill Core		
2625130	Drill Core		
2625131	Drill Core		
2625132	Rock Pulp		
2625133	Drill Core		
2625134	Drill Core		
2625135	Drill Core		
2625136	Drill Core		
2625137	Drill Core		
2625138	Drill Core		
2625139	Drill Core		
2625140	Drill Core		

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CERTIFICATE OF ANALYSIS

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Method	Analyte	Unit	WGHT	FA530	FA530	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	
			Wgt	Ag	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
			kg	gm/t	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
		MDL	0.01	20	0.9	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1
2625141	Drill Core		4.63	<20	<0.9	0.3	475.4	25.0	101	1.9	1.5	15.3	1477	3.17	9.0	0.1	253.1	0.6	101	0.5	1.9	2.4
2625142	Drill Core		3.99	22	1.0	1.1	1083.9	315.5	2823	22.1	1.1	10.9	1648	3.33	22.3	<0.1	866.0	0.5	114	85.5	3.2	41.7
2625143	Rock		0.77	<20	<0.9	<0.1	1.3	0.4	3	<0.1	0.5	<0.1	27	0.03	<0.5	1.2	<0.5	<0.1	>2000	<0.1	<0.1	<0.1
2625144	Drill Core		3.89	<20	<0.9	0.1	100.2	20.0	96	1.1	1.4	11.3	1509	3.44	8.3	0.1	802.6	0.6	79	0.5	0.8	2.3
2625145	Drill Core		4.95	<20	<0.9	0.2	6.2	30.8	264	0.1	0.9	11.2	2588	2.76	5.6	<0.1	9.4	0.5	894	0.8	0.7	0.4
2625146	Drill Core		1.78	<20	<0.9	0.3	37.0	292.2	415	2.2	1.1	9.9	3211	2.92	17.9	<0.1	223.7	0.3	329	6.8	4.2	3.4
2625147	Drill Core		2.09	<20	<0.9	0.6	114.1	96.9	226	2.1	1.1	10.6	2293	2.86	17.0	<0.1	63.8	0.5	118	3.7	1.3	3.8
2625148	Drill Core		4.36	151	12.5	16.5	8538.5	5418.3	8197	>100	6.2	11.1	303	7.15	187.1	<0.1	11976.4	0.2	9	226.5	52.5	338.0
2625149	Drill Core		2.24	27	3.9	3.3	1389.8	665.8	6179	29.5	2.5	8.9	318	3.85	426.7	<0.1	4395.3	0.1	9	100.7	12.9	50.1
2625150	Drill Core		2.12	<20	<0.9	1.0	377.1	59.9	5692	3.7	2.6	17.8	2436	4.26	81.7	<0.1	1202.7	0.4	48	78.3	1.2	5.4
2625151	Drill Core		4.99	<20	<0.9	2.6	74.5	34.5	203	0.6	2.5	17.1	3231	4.06	20.6	<0.1	72.2	0.3	101	1.7	0.5	1.7
2625152	Drill Core		5.31	<20	<0.9	3.6	182.2	38.3	322	0.9	3.2	15.3	3791	3.70	29.5	<0.1	33.3	0.3	80	6.2	0.9	1.9
2625153	Drill Core		3.47	<20	<0.9	0.8	50.7	20.6	163	0.7	3.4	18.2	2628	4.23	31.7	0.1	63.6	0.3	130	0.3	6.6	4.1
2625154	Drill Core		2.80	<20	<0.9	0.6	17.7	9.5	78	0.3	2.1	12.0	2804	3.24	32.7	<0.1	41.8	0.3	125	0.4	1.9	2.0
2625155	Drill Core		4.55	<20	<0.9	1.5	27.8	13.7	76	0.6	2.0	10.1	2781	3.77	103.3	<0.1	404.4	0.2	147	0.4	1.0	2.6
2625156	Drill Core		2.71	<20	<0.9	0.5	6.9	11.3	165	0.1	3.4	18.5	1933	3.82	5.5	0.1	13.7	0.4	269	0.2	0.7	0.6
2625157	Drill Core		1.22	<20	<0.9	0.6	432.0	9.4	246	0.8	5.3	18.3	3830	4.44	70.5	<0.1	730.4	0.2	92	0.9	6.9	0.9
2625158	Drill Core		1.92	<20	3.3	0.6	384.9	17.9	>10000	1.5	8.6	26.0	2721	6.02	53.9	<0.1	2370.6	0.2	65	161.8	0.5	7.7
2625159	Drill Core		2.25	<20	<0.9	0.1	6.9	2.3	279	<0.1	4.1	18.4	1496	3.91	1.9	0.1	27.4	0.5	43	0.7	0.3	0.3
2625356	Drill Core		5.07	<20	<0.9	<0.1	11.0	4.2	103	<0.1	16.0	24.7	1380	4.37	2.5	0.4	2.3	0.8	69	<0.1	0.9	<0.1
2625357	Drill Core		4.62	<20	<0.9	<0.1	49.3	3.0	86	0.1	9.1	18.9	1474	4.37	2.5	0.3	1.6	0.9	130	0.1	0.5	<0.1
2625358	Drill Core		5.44	<20	<0.9	0.2	51.3	4.5	45	0.1	4.2	13.0	778	3.59	3.1	0.5	0.9	1.1	72	<0.1	2.0	<0.1
2625359	Drill Core		1.35	<20	<0.9	<0.1	1.7	4.8	64	<0.1	10.7	17.5	3208	2.64	1.1	0.2	1.1	0.5	312	0.5	0.6	<0.1
2625360	Rock Pulp		0.11	<20	9.2	885.3	55.7	9.8	54	1.3	27.5	11.2	344	3.10	17.3	0.3	6777.5	1.2	52	0.4	25.8	0.4
2625361	Rock		1.61	<20	<0.9	0.1	0.5	0.1	<1	<0.1	0.5	<0.1	26	0.02	<0.5	1.3	0.9	<0.1	>2000	<0.1	<0.1	<0.1
2625362	Drill Core		5.31	<20	<0.9	0.4	70.5	4.6	148	0.3	4.6	19.3	1014	4.17	2.0	0.3	4.8	0.4	65	0.2	0.6	<0.1
2625363	Drill Core		5.02	<20	<0.9	0.9	29.4	8.4	77	0.5	3.2	11.7	652	1.87	1.9	<0.1	8.6	0.3	64	0.2	0.2	0.1
2625364	Drill Core		1.51	<20	<0.9	0.2	4.7	5.3	17	<0.1	1.5	3.7	959	0.74	0.7	<0.1	1.6	0.2	109	0.1	0.2	<0.1
2625365	Drill Core		6.82	<20	<0.9	0.2	94.0	7.5	160	0.5	5.2	37.1	1197	4.91	1.2	0.2	19.1	0.5	122	0.2	0.2	0.2
2625366	Drill Core		6.06	<20	<0.9	0.2	63.1	7.4	140	0.3	4.0	16.3	1419	3.52	1.4	<0.1	14.6	0.4	150	0.1	0.2	0.5

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Analyte	Method	Unit	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200									
			V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
			ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
			MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.1	0.01	0.1	0.05	1	0.5	0.2	
2625141	Drill Core		14	3.56	0.066	2	<1	1.44	46	0.002	<20	0.85	0.020	0.19	<0.1	0.03	4.7	<0.1	0.75	2	<0.5	<0.2
2625142	Drill Core		7	2.89	0.062	1	<1	1.06	70	<0.001	<20	0.62	0.016	0.17	0.1	1.13	3.0	<0.1	1.75	1	<0.5	1.5
2625143	Rock		<2	33.01	0.005	<1	<1	2.04	5	<0.001	<20	0.03	0.002	<0.01	<0.1	<0.01	0.2	<0.1	0.10	<1	<0.5	0.5
2625144	Drill Core		11	3.17	0.069	2	<1	1.05	58	0.001	<20	0.85	0.028	0.18	<0.1	<0.01	3.7	<0.1	1.12	2	<0.5	<0.2
2625145	Drill Core		13	4.10	0.058	1	<1	2.31	1375	0.002	<20	1.04	0.025	0.18	<0.1	<0.01	3.4	<0.1	0.30	2	<0.5	<0.2
2625146	Drill Core		6	5.24	0.045	<1	1	2.28	489	<0.001	<20	0.29	0.008	0.13	<0.1	0.31	2.3	<0.1	0.96	<1	<0.5	<0.2
2625147	Drill Core		6	3.60	0.060	<1	<1	1.49	132	<0.001	<20	0.48	0.013	0.18	0.1	0.11	3.3	<0.1	0.89	<1	<0.5	0.2
2625148	Drill Core		5	0.24	0.026	<1	2	0.10	38	<0.001	<20	0.23	0.008	0.10	0.5	6.94	0.7	<0.1	7.62	<1	1.0	12.8
2625149	Drill Core		5	0.27	0.028	<1	2	0.09	37	<0.001	<20	0.20	0.009	0.09	>100	1.76	0.8	<0.1	4.26	<1	<0.5	1.4
2625150	Drill Core		29	2.66	0.076	3	<1	1.07	66	0.002	<20	1.37	0.009	0.26	1.1	0.64	3.9	<0.1	2.00	3	<0.5	<0.2
2625151	Drill Core		34	3.78	0.067	3	<1	1.51	116	0.002	<20	1.38	0.018	0.24	0.2	0.03	4.2	<0.1	1.57	3	<0.5	<0.2
2625152	Drill Core		18	3.34	0.057	2	3	1.19	127	0.001	<20	0.86	0.009	0.20	0.2	0.12	2.4	<0.1	1.91	2	<0.5	<0.2
2625153	Drill Core		33	3.47	0.048	1	1	2.11	415	0.002	<20	1.73	0.023	0.20	<0.1	0.03	4.0	<0.1	0.97	4	<0.5	<0.2
2625154	Drill Core		9	4.31	0.037	2	<1	1.59	215	<0.001	<20	0.47	0.005	0.13	<0.1	<0.01	2.1	<0.1	1.61	<1	<0.5	<0.2
2625155	Drill Core		8	4.55	0.024	1	1	1.54	77	<0.001	<20	0.34	0.005	0.11	<0.1	<0.01	1.4	<0.1	2.42	<1	<0.5	<0.2
2625156	Drill Core		38	3.13	0.056	3	1	2.03	522	0.004	<20	2.01	0.046	0.22	<0.1	<0.01	5.1	<0.1	0.46	4	<0.5	<0.2
2625157	Drill Core		44	5.79	0.031	2	3	2.59	407	0.002	<20	1.71	0.009	0.19	0.1	0.07	5.0	<0.1	0.92	4	<0.5	<0.2
2625158	Drill Core		128	2.35	0.037	1	10	3.35	192	0.005	<20	3.32	0.026	0.10	0.1	2.39	12.2	<0.1	1.67	10	<0.5	<0.2
2625159	Drill Core		72	2.61	0.059	4	2	2.37	56	0.011	<20	1.97	0.046	0.11	<0.1	<0.01	8.3	<0.1	0.05	6	<0.5	<0.2
2625356	Drill Core		122	1.50	0.052	5	25	3.75	60	0.023	<20	2.92	0.037	0.02	<0.1	<0.01	16.8	<0.1	<0.05	12	<0.5	<0.2
2625357	Drill Core		95	3.24	0.055	4	13	2.79	95	0.011	<20	1.45	0.038	0.02	<0.1	<0.01	17.1	<0.1	0.06	7	<0.5	<0.2
2625358	Drill Core		89	2.38	0.063	5	5	1.15	608	0.039	<20	0.35	0.069	<0.01	<0.1	<0.01	13.9	<0.1	<0.05	2	<0.5	<0.2
2625359	Drill Core		43	12.59	0.038	9	18	3.14	124	0.011	<20	0.93	0.022	0.02	<0.1	<0.01	21.1	<0.1	<0.05	4	<0.5	<0.2
2625360	Rock Pulp		48	0.59	0.040	7	28	0.60	141	0.073	<20	1.02	0.069	0.18	19.8	3.12	3.5	1.0	1.31	4	1.5	0.6
2625361	Rock		<2	32.37	0.004	<1	<1	1.71	6	<0.001	<20	0.03	0.003	<0.01	<0.1	<0.01	0.2	<0.1	0.11	<1	<0.5	0.5
2625362	Drill Core		61	2.80	0.046	3	3	1.63	143	0.003	<20	2.37	0.051	0.13	<0.1	<0.01	7.0	<0.1	0.15	6	<0.5	<0.2
2625363	Drill Core		12	2.09	0.043	1	1	0.80	222	<0.001	<20	0.83	0.014	0.17	<0.1	0.09	3.1	<0.1	0.47	2	<0.5	<0.2
2625364	Drill Core		4	3.01	0.040	2	1	0.58	1406	<0.001	<20	0.29	0.008	0.16	<0.1	0.01	1.4	<0.1	0.07	<1	<0.5	<0.2
2625365	Drill Core		66	1.85	0.046	2	3	2.02	1160	0.008	<20	2.74	0.046	0.18	<0.1	0.17	8.7	<0.1	0.25	8	<0.5	<0.2
2625366	Drill Core		44	3.24	0.047	3	2	1.56	1016	0.002	<20	1.85	0.035	0.11	<0.1	0.03	5.5	<0.1	0.41	5	<0.5	<0.2

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	Method	MA404	MA404
Analyte		Pb	Zn
Unit		%	%
MDL		0.01	0.01
2625141	Drill Core		
2625142	Drill Core		
2625143	Rock		
2625144	Drill Core		
2625145	Drill Core		
2625146	Drill Core		
2625147	Drill Core		
2625148	Drill Core		
2625149	Drill Core		
2625150	Drill Core		
2625151	Drill Core		
2625152	Drill Core		
2625153	Drill Core		
2625154	Drill Core		
2625155	Drill Core		
2625156	Drill Core		
2625157	Drill Core		
2625158	Drill Core	<0.01	1.11
2625159	Drill Core		
2625356	Drill Core		
2625357	Drill Core		
2625358	Drill Core		
2625359	Drill Core		
2625360	Rock Pulp		
2625361	Rock		
2625362	Drill Core		
2625363	Drill Core		
2625364	Drill Core		
2625365	Drill Core		
2625366	Drill Core		

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Method	Analyte	Unit	WGHT	FA530	FA530	AQ200	AQ200	AQ200	AQ200	AQ200												
			Wgt	Ag	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
			kg	gm/t	gm/t	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm								
		MDL	0.01	20	0.9	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	
2625367	Drill Core		2.63	<20	<0.9	0.3	48.4	37.3	50	0.9	4.1	21.8	1241	3.06	9.3	<0.1	28.6	0.1	253	0.1	0.2	2.4
2625368	Drill Core		3.45	<20	<0.9	0.2	34.0	5.9	126	0.3	3.5	15.0	1085	3.35	2.0	<0.1	8.2	0.3	167	<0.1	0.3	0.5
2625369	Drill Core		2.08	<20	<0.9	0.4	64.5	7.9	136	0.4	5.2	21.0	969	3.75	2.3	0.2	2.5	0.8	96	0.5	0.2	0.6
2625370	Drill Core		2.96	<20	<0.9	4.6	364.2	8.0	152	0.9	6.9	24.5	718	4.08	27.0	0.1	7.6	0.7	71	0.7	1.0	0.5
2625371	Drill Core		3.26	<20	<0.9	<0.1	40.5	11.0	142	0.2	4.4	20.9	1226	3.64	1.0	0.3	4.7	0.8	167	1.8	0.1	<0.1
2625372	Drill Core		3.34	<20	<0.9	0.2	7.4	8.5	106	<0.1	4.7	19.5	1062	4.13	1.6	0.6	1.8	1.2	60	<0.1	0.4	<0.1
2625373	Drill Core		3.37	<20	<0.9	0.5	30.0	2.4	75	0.1	2.6	14.9	1663	2.82	1.9	0.1	26.2	0.7	53	<0.1	0.5	0.4
2625374	Drill Core		0.97	<20	<0.9	1.5	56.5	3.9	85	0.5	2.7	19.1	5534	4.73	27.6	0.2	605.9	0.3	69	0.4	0.3	0.8
2625375	Drill Core		5.26	<20	<0.9	0.2	4.3	2.9	130	0.1	4.0	19.0	2597	4.13	2.5	<0.1	12.0	0.5	46	0.1	0.3	0.9
2625376	Drill Core		4.07	<20	<0.9	<0.1	2.5	3.3	76	0.1	3.9	14.3	2271	3.81	2.4	0.1	3.1	0.6	43	0.2	0.3	1.2
2625377	Drill Core		2.45	<20	<0.9	0.3	10.6	3.9	70	0.3	3.9	23.5	2778	3.89	6.5	0.3	48.4	0.5	87	0.2	1.1	2.2
2625378	Drill Core		3.84	<20	<0.9	0.1	2.9	3.9	36	<0.1	2.9	13.4	1097	2.63	3.8	0.3	1.1	1.1	69	<0.1	1.3	<0.1
2625379	Drill Core		3.17	<20	<0.9	<0.1	4.2	6.0	50	<0.1	2.6	14.2	1528	2.75	2.6	0.2	4.4	0.9	112	0.3	0.4	<0.1
2625380	Rock Pulp		0.11	<20	7.2	68.9	978.8	297.1	1185	6.9	65.8	16.1	412	3.19	131.3	0.8	5523.7	2.0	51	6.0	8.4	2.2
2625381	Rock		0.87	<20	<0.9	<0.1	2.4	0.2	2	<0.1	0.4	<0.1	26	0.04	<0.5	1.4	1.2	<0.1	>2000	<0.1	<0.1	<0.1
2625382	Drill Core		2.18	<20	2.1	1.3	222.4	8.9	129	1.3	2.9	17.2	2105	4.04	45.8	0.3	1987.4	0.4	83	0.9	1.9	2.0
2625383	Drill Core		2.40	<20	<0.9	0.2	16.5	3.4	64	0.1	2.8	12.7	1511	3.03	3.7	0.2	8.0	0.7	70	0.2	0.5	0.7
2625384	Drill Core		6.28	<20	<0.9	<0.1	3.3	3.0	90	<0.1	3.4	16.0	1393	3.18	2.3	0.3	17.1	1.0	71	0.1	0.4	0.1
2625385	Drill Core		3.29	<20	<0.9	0.3	8.5	2.9	124	<0.1	3.2	18.0	1071	3.94	2.8	0.2	6.3	0.8	738	<0.1	0.3	0.3
2625386	Drill Core		6.15	<20	<0.9	0.2	10.8	2.6	100	<0.1	3.0	17.5	955	4.10	4.2	0.2	29.8	0.6	69	<0.1	0.3	0.8
2625387	Drill Core		1.11	<20	<0.9	0.1	1.9	2.2	121	<0.1	4.7	18.4	2108	3.74	1.9	0.3	2.6	0.5	323	<0.1	<0.1	<0.1
2625388	Drill Core		2.03	<20	<0.9	0.5	17.5	22.5	54	<0.1	2.4	14.0	1618	4.12	15.1	0.1	<0.5	0.9	164	0.5	0.2	<0.1
2625389	Drill Core		4.78	<20	<0.9	0.6	79.2	4.3	131	0.1	15.1	29.5	1494	6.23	4.2	0.2	3.3	0.6	62	0.2	0.3	<0.1
2625390	Drill Core		4.10	<20	<0.9	<0.1	32.3	4.0	80	<0.1	4.0	18.5	1638	4.48	3.6	0.1	10.0	0.6	77	0.3	0.2	0.1
2625391	Drill Core		4.21	<20	<0.9	0.3	23.8	4.5	83	0.1	3.5	19.3	1342	4.45	4.2	0.2	138.7	0.6	61	0.2	0.5	0.1
2625392	Drill Core		4.93	<20	<0.9	<0.1	25.7	4.3	99	<0.1	3.4	18.5	799	4.82	3.1	0.2	12.4	0.8	44	<0.1	0.9	<0.1
2625393	Drill Core		4.18	<20	<0.9	<0.1	13.4	1.8	86	<0.1	3.4	17.3	934	5.03	1.5	0.1	2.2	0.7	45	<0.1	0.2	<0.1
2625394	Drill Core		4.14	<20	<0.9	<0.1	20.1	3.9	80	<0.1	3.3	19.1	950	5.41	5.2	0.1	0.7	0.7	45	0.1	0.2	<0.1
2625395	Drill Core		2.43	<20	<0.9	1.1	86.7	23.5	123	0.4	24.5	29.6	3197	5.67	16.3	<0.1	4.2	0.3	227	0.7	0.3	0.4
2625396	Drill Core		4.32	<20	<0.9	0.3	42.7	6.4	94	0.3	23.2	18.5	1163	3.70	21.8	0.1	14.4	0.9	57	0.2	0.4	<0.1

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: Dome Mountain
Report Date: February 19, 2016

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Part: 2 of 3

CERTIFICATE OF ANALYSIS

VAN16000263.1

Method	Analyte	AQ200																			
		V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
2625367	Drill Core	15	2.12	0.043	<1	2	0.70	27	0.001	<20	0.78	0.020	0.13	<0.1	0.12	2.2	<0.1	2.21	2	<0.5	<0.2
2625368	Drill Core	50	2.32	0.044	2	3	1.43	792	0.002	<20	1.90	0.049	0.12	<0.1	0.07	5.3	<0.1	0.32	5	<0.5	<0.2
2625369	Drill Core	61	1.09	0.041	4	10	1.44	3520	0.003	<20	2.01	0.052	0.09	<0.1	0.02	7.6	<0.1	0.10	4	<0.5	<0.2
2625370	Drill Core	61	0.92	0.042	3	11	1.69	2593	0.004	<20	2.41	0.042	0.08	<0.1	0.02	5.9	<0.1	0.16	5	<0.5	<0.2
2625371	Drill Core	44	1.78	0.027	3	7	1.71	3934	0.008	<20	1.58	0.045	0.07	<0.1	<0.01	7.6	<0.1	0.13	4	<0.5	<0.2
2625372	Drill Core	86	0.45	0.034	6	9	0.72	1976	0.014	<20	0.90	0.051	0.07	<0.1	<0.01	10.0	<0.1	0.05	2	<0.5	<0.2
2625373	Drill Core	28	1.17	0.055	3	2	0.88	52	0.001	<20	1.02	0.020	0.11	<0.1	0.01	4.6	<0.1	0.35	2	<0.5	<0.2
2625374	Drill Core	33	4.54	0.033	2	2	2.12	131	<0.001	<20	0.83	0.019	0.08	0.2	<0.01	6.1	<0.1	1.74	2	<0.5	<0.2
2625375	Drill Core	25	2.23	0.044	2	2	1.63	223	0.002	<20	1.44	0.021	0.13	<0.1	<0.01	5.8	<0.1	0.65	3	<0.5	<0.2
2625376	Drill Core	18	2.57	0.046	2	2	1.42	96	0.005	<20	1.38	0.046	0.19	0.2	<0.01	6.1	<0.1	0.65	3	<0.5	<0.2
2625377	Drill Core	10	3.88	0.044	2	1	1.68	333	0.002	<20	0.70	0.022	0.09	0.1	<0.01	5.5	<0.1	1.20	2	<0.5	<0.2
2625378	Drill Core	19	2.78	0.047	5	2	1.34	296	0.019	<20	0.34	0.054	0.13	<0.1	<0.01	8.3	<0.1	<0.05	1	<0.5	<0.2
2625379	Drill Core	12	5.93	0.046	5	1	1.21	104	0.012	<20	0.60	0.017	0.16	<0.1	<0.01	5.6	<0.1	<0.05	1	<0.5	<0.2
2625380	Rock Pulp	60	0.90	0.063	11	30	0.63	335	0.095	<20	1.12	0.070	0.12	29.2	0.85	4.1	0.5	0.57	4	2.2	0.5
2625381	Rock	<2	32.49	0.004	<1	<1	1.73	9	<0.001	<20	0.04	0.003	<0.01	<0.1	<0.01	0.3	<0.1	0.12	<1	<0.5	0.3
2625382	Drill Core	8	4.34	0.040	1	<1	1.14	81	<0.001	<20	0.47	0.013	0.13	0.1	0.07	3.8	<0.1	2.22	<1	<0.5	<0.2
2625383	Drill Core	27	3.58	0.046	3	2	1.16	213	0.008	<20	0.84	0.033	0.13	<0.1	<0.01	6.4	<0.1	0.19	2	<0.5	<0.2
2625384	Drill Core	36	3.27	0.048	6	2	1.75	120	0.012	<20	0.98	0.046	0.09	<0.1	<0.01	7.7	<0.1	<0.05	3	<0.5	<0.2
2625385	Drill Core	58	3.67	0.049	4	3	1.78	133	0.006	<20	1.71	0.054	0.09	<0.1	<0.01	8.7	<0.1	0.13	4	<0.5	<0.2
2625386	Drill Core	40	4.10	0.048	3	2	1.35	73	0.003	<20	1.49	0.036	0.12	<0.1	<0.01	6.1	<0.1	0.47	3	<0.5	<0.2
2625387	Drill Core	62	4.17	0.035	4	4	2.31	164	0.004	<20	2.84	0.038	0.05	<0.1	<0.01	8.3	<0.1	<0.05	7	<0.5	<0.2
2625388	Drill Core	72	3.96	0.070	7	2	2.27	74	0.002	<20	1.18	0.046	0.03	<0.1	<0.01	11.6	<0.1	<0.05	6	<0.5	<0.2
2625389	Drill Core	180	1.70	0.065	4	12	3.67	20	0.006	<20	3.50	0.094	0.03	<0.1	<0.01	18.0	<0.1	0.42	12	<0.5	<0.2
2625390	Drill Core	108	2.26	0.049	2	4	2.22	15	0.003	<20	1.89	0.082	0.03	<0.1	<0.01	9.8	<0.1	0.50	9	<0.5	<0.2
2625391	Drill Core	94	1.62	0.053	2	4	1.94	20	0.003	<20	1.87	0.078	0.03	<0.1	<0.01	9.9	<0.1	0.63	8	<0.5	<0.2
2625392	Drill Core	121	1.09	0.049	3	5	2.02	105	0.004	<20	2.22	0.111	0.03	<0.1	<0.01	11.0	<0.1	0.64	11	<0.5	<0.2
2625393	Drill Core	127	1.07	0.053	3	5	2.35	205	0.005	<20	2.54	0.079	0.02	<0.1	<0.01	12.1	<0.1	<0.05	11	<0.5	<0.2
2625394	Drill Core	137	0.91	0.054	4	5	2.93	213	0.005	<20	2.99	0.065	0.02	<0.1	<0.01	13.2	<0.1	0.08	12	<0.5	<0.2
2625395	Drill Core	161	5.29	0.069	3	23	3.45	72	0.002	<20	1.73	0.041	0.06	<0.1	<0.01	20.9	0.2	1.19	7	<0.5	<0.2
2625396	Drill Core	116	1.61	0.104	8	59	1.85	23	0.004	<20	1.86	0.124	0.01	<0.1	<0.01	17.2	<0.1	0.10	12	<0.5	<0.2

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Project: Dome Mountain
Report Date: February 19, 2016

Page: 4 of 5

Part: 3 of 3

CERTIFICATE OF ANALYSIS

Method	MA404	MA404
Analyte	Pb	Zn
Unit	%	%
MDL	0.01	0.01
2625367	Drill Core	
2625368	Drill Core	
2625369	Drill Core	
2625370	Drill Core	
2625371	Drill Core	
2625372	Drill Core	
2625373	Drill Core	
2625374	Drill Core	
2625375	Drill Core	
2625376	Drill Core	
2625377	Drill Core	
2625378	Drill Core	
2625379	Drill Core	
2625380	Rock Pulp	
2625381	Rock	
2625382	Drill Core	
2625383	Drill Core	
2625384	Drill Core	
2625385	Drill Core	
2625386	Drill Core	
2625387	Drill Core	
2625388	Drill Core	
2625389	Drill Core	
2625390	Drill Core	
2625391	Drill Core	
2625392	Drill Core	
2625393	Drill Core	
2625394	Drill Core	
2625395	Drill Core	
2625396	Drill Core	

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Project: Dome Mountain
Report Date: February 19, 2016

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CERTIFICATE OF ANALYSIS

VAN16000263.1

Method	Analyte	Unit	WGHT	FA530	FA530	AQ200	AQ200	AQ200	AQ200	AQ200												
			Wgt	Ag	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
			kg	gm/t	gm/t	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm							
		MDL	0.01	20	0.9	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1
2625397	Drill Core		4.11	<20	<0.9	0.1	71.5	25.7	82	0.4	13.0	22.0	1286	4.55	72.0	0.1	28.1	0.5	66	0.2	0.9	0.1
2625398	Drill Core		4.23	<20	<0.9	0.3	38.4	12.2	59	0.2	20.8	22.0	1143	3.96	42.8	0.2	2.9	0.6	64	0.1	0.9	<0.1
2625399	Drill Core		4.27	<20	<0.9	0.5	98.0	4.8	160	0.3	16.2	28.7	1795	5.88	8.6	0.1	5.1	0.4	77	0.3	0.5	0.2
2625400	Rock Pulp		0.11	<20	9.4	920.6	60.9	9.7	56	1.4	29.3	12.2	362	3.31	19.2	0.3	11427.5	1.3	57	0.4	25.9	0.4
2625401	Rock		0.81	<20	<0.9	0.1	1.5	0.2	1	<0.1	1.0	<0.1	22	0.04	<0.5	1.4	<0.5	<0.1	>2000	<0.1	<0.1	<0.1
2625402	Drill Core		5.12	<20	<0.9	0.3	94.7	41.0	250	0.6	3.5	18.4	2452	4.08	18.1	0.1	66.8	0.4	85	4.8	2.1	0.4
2625403	Drill Core		7.64	<20	<0.9	<0.1	5.7	3.9	151	0.2	4.9	21.5	1834	5.14	2.3	0.2	15.3	0.5	164	0.3	0.1	0.2
2625404	Drill Core		3.55	<20	<0.9	2.3	65.3	8.1	206	0.7	3.7	18.7	3195	5.54	18.9	0.2	133.8	0.4	81	0.7	1.9	2.1
2625405	Drill Core		2.63	<20	<0.9	0.2	4.2	3.3	202	<0.1	4.4	19.2	1671	5.16	2.7	0.2	13.6	0.5	67	0.3	0.2	0.1
2625406	Drill Core		5.52	<20	<0.9	0.2	10.3	11.8	144	0.3	5.4	23.9	1849	4.91	10.3	0.3	40.4	0.5	87	0.4	0.6	0.3
2625407	Drill Core		3.01	<20	<0.9	0.2	4.5	5.6	139	0.2	4.9	23.4	2041	4.52	4.6	0.3	13.5	0.5	73	0.5	0.4	0.4
2625408	Drill Core		6.71	<20	<0.9	1.2	68.5	35.6	521	0.9	4.8	21.0	2205	5.50	79.4	0.2	494.7	0.4	77	8.1	1.7	2.7
2625409	Drill Core		8.39	<20	<0.9	<0.1	5.4	5.8	82	<0.1	5.6	20.9	1489	4.20	2.8	0.4	19.9	0.8	87	0.1	1.0	<0.1
2625410	Drill Core		5.93	<20	<0.9	<0.1	11.9	5.0	85	<0.1	10.5	19.8	1380	4.31	3.0	0.4	65.6	0.8	82	<0.1	1.1	<0.1
2625411	Drill Core		4.63	<20	<0.9	<0.1	26.7	5.6	66	<0.1	83.1	29.3	1756	4.00	3.0	0.4	0.6	0.6	119	0.2	1.1	<0.1
2625412	Drill Core		1.35	<20	<0.9	<0.1	575.3	3.5	160	1.5	55.1	38.5	1737	3.71	3.7	0.2	4.5	0.4	166	0.2	1.3	<0.1
2625413	Drill Core		7.79	<20	<0.9	0.1	6.6	2.6	27	<0.1	2.5	6.0	581	2.08	2.1	0.1	0.6	1.1	68	0.1	0.5	<0.1
2625414	Drill Core		3.82	<20	<0.9	<0.1	5.5	2.4	85	<0.1	4.5	14.3	596	3.24	1.6	0.2	13.2	1.0	70	0.2	0.4	<0.1
2625415	Drill Core		2.43	<20	<0.9	0.1	4.3	3.9	44	<0.1	3.7	12.5	512	2.39	2.5	0.4	7.1	1.3	43	0.1	0.8	<0.1
2625416	Drill Core		1.31	<20	<0.9	0.6	277.3	6.0	442	0.5	4.7	16.4	1375	2.97	39.3	0.1	324.8	0.6	47	7.8	0.8	0.8
2625417	Drill Core		2.97	<20	<0.9	0.1	6.9	3.4	27	<0.1	2.4	5.0	643	2.12	3.0	0.2	1.2	1.1	50	0.1	0.6	<0.1
2625418	Drill Core		3.83	<20	<0.9	0.4	25.3	6.3	65	0.1	3.7	15.0	2120	3.17	22.0	<0.1	171.7	0.7	87	0.3	0.7	0.6
2625419	Drill Core		4.64	<20	<0.9	<0.1	1.1	6.1	29	<0.1	1.4	9.0	647	2.04	2.5	0.5	<0.5	1.7	76	0.1	0.8	<0.1
2625420	Rock Pulp		0.11	<20	7.4	72.3	999.3	296.5	1216	7.5	68.1	16.3	423	3.29	129.6	0.8	3849.6	2.2	53	5.8	9.2	2.2
2625421	Rock		0.83	<20	<0.9	<0.1	0.4	0.1	<1	<0.1	1.0	0.2	26	0.03	<0.5	1.2	<0.5	<0.1	>2000	<0.1	<0.1	<0.1
2625422	Drill Core		2.68	<20	<0.9	0.3	956.7	24.7	206	4.5	2.7	16.0	2267	2.48	117.6	0.2	323.4	0.8	91	2.1	9.8	0.6
2625423	Drill Core		1.01	<20	<0.9	0.3	31.9	50.8	418	0.8	2.5	16.5	2272	3.57	110.8	0.2	151.7	0.6	123	5.3	3.4	0.5
2625424	Drill Core		6.15	<20	<0.9	<0.1	3.9	6.4	45	<0.1	2.3	16.0	1056	3.14	3.0	0.4	2.2	1.0	129	<0.1	1.0	<0.1



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Project: Dome Mountain
Report Date: February 19, 2016

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CERTIFICATE OF ANALYSIS

VAN16000263.1

Method	Analyte	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200									
		V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	0.1	0.05	0.5	0.2
2625397	Drill Core	121	2.34	0.054	3	22	1.81	9	0.003	<20	1.68	0.081	0.02	<0.1	0.05	12.3	<0.1	0.66	9	0.7	<0.2
2625398	Drill Core	85	2.02	0.060	4	45	2.55	10	0.003	<20	2.15	0.123	0.04	<0.1	0.02	14.9	<0.1	0.40	9	1.2	<0.2
2625399	Drill Core	109	2.51	0.055	4	17	3.35	79	0.003	<20	3.38	0.045	0.10	<0.1	<0.01	14.7	<0.1	0.30	11	0.7	<0.2
2625400	Rock Pulp	51	0.63	0.044	7	29	0.64	185	0.078	<20	1.08	0.074	0.19	20.2	3.26	3.7	0.9	1.37	4	2.0	0.7
2625401	Rock	<2	33.54	0.005	<1	<1	1.75	7	<0.001	<20	0.04	0.003	<0.01	<0.1	<0.01	0.1	<0.1	0.10	<1	<0.5	0.7
2625402	Drill Core	35	3.40	0.051	2	2	1.95	82	0.001	<20	1.27	0.046	0.13	<0.1	0.05	7.0	<0.1	0.75	4	<0.5	<0.2
2625403	Drill Core	81	2.15	0.050	3	4	2.78	1765	0.004	<20	2.83	0.042	0.17	<0.1	<0.01	9.8	<0.1	0.16	6	<0.5	<0.2
2625404	Drill Core	70	2.97	0.039	1	3	2.62	153	0.002	<20	2.04	0.032	0.21	0.1	0.03	7.4	<0.1	1.54	5	1.0	0.2
2625405	Drill Core	93	1.91	0.048	3	4	2.91	448	0.003	<20	2.89	0.048	0.15	<0.1	<0.01	9.7	<0.1	0.11	7	<0.5	<0.2
2625406	Drill Core	94	2.95	0.046	2	4	2.64	131	0.004	<20	2.29	0.054	0.19	0.1	0.01	11.0	<0.1	1.06	7	<0.5	<0.2
2625407	Drill Core	64	3.21	0.045	2	4	2.03	45	0.004	<20	1.58	0.043	0.16	<0.1	<0.01	11.2	<0.1	0.89	5	<0.5	<0.2
2625408	Drill Core	44	3.52	0.041	1	3	1.60	57	0.003	<20	1.12	0.034	0.29	0.3	0.18	8.3	0.1	3.24	2	<0.5	<0.2
2625409	Drill Core	68	3.04	0.053	4	4	2.68	114	0.017	<20	1.85	0.056	0.14	<0.1	<0.01	10.1	<0.1	<0.05	5	<0.5	<0.2
2625410	Drill Core	91	3.03	0.044	4	11	2.75	106	0.019	<20	1.79	0.056	0.11	<0.1	<0.01	11.2	<0.1	<0.05	5	<0.5	<0.2
2625411	Drill Core	83	5.34	0.045	4	47	3.58	103	0.017	<20	1.13	0.076	0.16	<0.1	<0.01	17.9	<0.1	<0.05	4	<0.5	<0.2
2625412	Drill Core	63	6.16	0.070	5	43	3.56	40	0.001	<20	1.30	0.050	0.11	<0.1	0.01	20.0	<0.1	0.05	4	<0.5	<0.2
2625413	Drill Core	16	3.12	0.044	7	4	0.20	45	0.026	<20	0.28	0.094	0.08	<0.1	<0.01	5.3	<0.1	<0.05	<1	<0.5	<0.2
2625414	Drill Core	36	2.12	0.045	5	3	0.27	247	0.009	<20	0.37	0.061	0.04	<0.1	<0.01	6.6	<0.1	<0.05	1	<0.5	<0.2
2625415	Drill Core	33	2.29	0.051	6	4	0.19	82	0.019	<20	0.30	0.087	0.08	<0.1	<0.01	5.4	<0.1	0.19	1	<0.5	<0.2
2625416	Drill Core	14	2.42	0.044	3	2	0.25	25	0.004	<20	0.24	0.035	0.12	0.1	0.55	3.6	<0.1	1.96	<1	<0.5	<0.2
2625417	Drill Core	28	3.39	0.046	7	5	0.14	24	0.031	<20	0.23	0.094	0.06	<0.1	<0.01	5.3	<0.1	0.09	<1	<0.5	<0.2
2625418	Drill Core	13	3.99	0.040	3	1	0.64	224	0.001	<20	0.34	0.033	0.15	<0.1	<0.01	3.9	<0.1	1.17	<1	<0.5	<0.2
2625419	Drill Core	28	3.03	0.043	9	2	1.08	201	0.010	<20	0.34	0.025	0.21	<0.1	<0.01	5.4	<0.1	<0.05	<1	<0.5	<0.2
2625420	Rock Pulp	67	0.98	0.062	12	32	0.65	322	0.102	<20	1.19	0.075	0.13	27.9	0.85	4.2	0.6	0.57	4	1.5	0.4
2625421	Rock	<2	31.96	0.004	<1	<1	1.64	5	<0.001	<20	0.04	0.002	<0.01	<0.1	<0.01	0.2	<0.1	0.12	<1	<0.5	0.5
2625422	Drill Core	44	3.50	0.039	3	<1	1.41	411	0.001	<20	0.33	0.018	0.21	<0.1	0.09	4.5	<0.1	0.57	<1	<0.5	<0.2
2625423	Drill Core	24	4.45	0.034	2	<1	1.60	275	0.002	<20	0.29	0.019	0.16	0.2	0.11	7.3	<0.1	0.90	<1	<0.5	<0.2
2625424	Drill Core	31	3.30	0.039	4	2	1.22	2403	0.013	<20	0.48	0.022	0.25	<0.1	0.09	7.0	0.1	0.11	<1	<0.5	<0.2



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CERTIFICATE OF ANALYSIS

	Method	MA404	MA404
Analyte		Pb	Zn
Unit		%	%
MDL		0.01	0.01
2625397	Drill Core		
2625398	Drill Core		
2625399	Drill Core		
2625400	Rock Pulp		
2625401	Rock		
2625402	Drill Core		
2625403	Drill Core		
2625404	Drill Core		
2625405	Drill Core		
2625406	Drill Core		
2625407	Drill Core		
2625408	Drill Core		
2625409	Drill Core		
2625410	Drill Core		
2625411	Drill Core		
2625412	Drill Core		
2625413	Drill Core		
2625414	Drill Core		
2625415	Drill Core		
2625416	Drill Core		
2625417	Drill Core		
2625418	Drill Core		
2625419	Drill Core		
2625420	Rock Pulp		
2625421	Rock		
2625422	Drill Core		
2625423	Drill Core		
2625424	Drill Core		

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QUALITY CONTROL REPORT

VAN16000263.1

Method Analyte Unit MDL	WGHT	FA530	FA530	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200				
	Wgt	Ag	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi				
	kg	gm/t	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm					
	0.01	20	0.9	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1				
Pulp Duplicates																								
2625121	Drill Core	3.37	<20	<0.9	<0.1	7.6	14.0	109	0.2	1.7	8.6	676	3.24	4.5	0.2	2.3	0.8	65	0.6	0.5	0.5			
REP 2625121	QC					0.1	7.4	14.6	110	0.2	2.1	8.5	677	3.26	3.8	0.2	8.9	0.9	64	0.6	0.5	0.4		
2625131	Drill Core	6.24	<20	<0.9	0.7	360.0	249.8	127	7.5	2.2	13.5	868	4.37	19.5	<0.1	62.5	0.6	71	1.8	1.7	23.4			
REP 2625131	QC					<20	<0.9																	
2625156	Drill Core	2.71	<20	<0.9	0.5	6.9	11.3	165	0.1	3.4	18.5	1933	3.82	5.5	0.1	13.7	0.4	269	0.2	0.7	0.6			
REP 2625156	QC					0.4	6.4	10.7	163	0.1	3.6	18.6	1909	3.80	4.9	0.1	11.5	0.4	268	0.2	0.6	0.6		
2625158	Drill Core	1.92	<20	3.3	0.6	384.9	17.9	>10000	1.5	8.6	26.0	2721	6.02	53.9	<0.1	2370.6	0.2	65	161.8	0.5	7.7			
REP 2625158	QC																							
2625361	Rock	1.61	<20	<0.9	0.1	0.5	0.1	<1	<0.1	0.5	<0.1	26	0.02	<0.5	1.3	0.9	<0.1	>2000	<0.1	<0.1	<0.1			
REP 2625361	QC					<20	<0.9																	
2625387	Drill Core	1.11	<20	<0.9	0.1	1.9	2.2	121	<0.1	4.7	18.4	2108	3.74	1.9	0.3	2.6	0.5	323	<0.1	<0.1	<0.1			
REP 2625387	QC					0.1	1.6	2.2	122	<0.1	4.7	18.3	2141	3.83	1.9	0.3	2.7	0.5	318	<0.1	0.1	<0.1		
2625395	Drill Core	2.43	<20	<0.9	1.1	86.7	23.5	123	0.4	24.5	29.6	3197	5.67	16.3	<0.1	4.2	0.3	227	0.7	0.3	0.4			
REP 2625395	QC					<20	<0.9																	
2625422	Drill Core	2.68	<20	<0.9	0.3	956.7	24.7	206	4.5	2.7	16.0	2267	2.48	117.6	0.2	323.4	0.8	91	2.1	9.8	0.6			
REP 2625422	QC					0.4	950.5	26.2	208	4.5	3.0	16.3	2237	2.48	116.1	0.2	325.9	0.8	92	2.2	10.2	0.6		
2625424	Drill Core	6.15	<20	<0.9	<0.1	3.9	6.4	45	<0.1	2.3	16.0	1056	3.14	3.0	0.4	2.2	1.0	129	<0.1	1.0	<0.1			
REP 2625424	QC					<20	<0.9																	
Core Reject Duplicates																								
2625119	Drill Core	2.45	<20	<0.9	1.0	143.1	125.3	85	2.8	2.6	14.7	963	4.53	18.8	0.1	83.6	0.7	79	1.5	1.1	7.9			
DUP 2625119	QC					<20	<0.9	1.0	132.1	97.1	83	2.4	2.7	14.5	945	4.47	18.1	<0.1	69.9	0.7	81	1.4	1.2	7.2
2625153	Drill Core	3.47	<20	<0.9	0.8	50.7	20.6	163	0.7	3.4	18.2	2628	4.23	31.7	0.1	63.6	0.3	130	0.3	6.6	4.1			
DUP 2625153	QC					<20	<0.9	0.8	51.5	20.4	156	0.6	3.3	18.0	2659	4.17	29.8	<0.1	32.8	0.3	127	0.4	5.9	3.9
2625383	Drill Core	2.40	<20	<0.9	0.2	16.5	3.4	64	0.1	2.8	12.7	1511	3.03	3.7	0.2	8.0	0.7	70	0.2	0.5	0.7			
DUP 2625383	QC					<20	<0.9	0.1	14.6	3.4	64	0.1	3.1	12.6	1532	3.09	3.8	0.2	7.2	0.8	69	0.2	0.5	0.6
2625417	Drill Core	2.97	<20	<0.9	0.1	6.9	3.4	27	<0.1	2.4	5.0	643	2.12	3.0	0.2	1.2	1.1	50	0.1	0.6	<0.1			
DUP 2625417	QC					<20	<0.9	0.1	5.3	3.3	28	<0.1	2.2	5.3	636	2.04	2.8	0.2	<0.5	1.1	52	0.2	0.6	<0.1
Reference Materials																								

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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QUALITY CONTROL REPORT

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Method Analyte Unit MDL	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																					
2625121	Drill Core	19	2.21	0.057	2	1	0.75	137	0.005	<20	0.88	0.045	0.18	<0.1	<0.01	4.3	<0.1	0.35	2	<0.5	<0.2
REP 2625121	QC	20	2.28	0.055	3	1	0.75	140	0.005	<20	0.89	0.046	0.19	<0.1	<0.01	4.4	<0.1	0.33	2	<0.5	<0.2
2625131	Drill Core	13	3.61	0.038	1	<1	0.98	58	0.001	<20	0.60	0.024	0.15	0.1	0.05	3.4	<0.1	2.95	<1	<0.5	0.9
REP 2625131	QC																				
2625156	Drill Core	38	3.13	0.056	3	1	2.03	522	0.004	<20	2.01	0.046	0.22	<0.1	<0.01	5.1	<0.1	0.46	4	<0.5	<0.2
REP 2625156	QC	39	3.08	0.051	2	2	2.02	492	0.004	<20	2.00	0.046	0.22	<0.1	<0.01	5.0	<0.1	0.46	4	<0.5	<0.2
2625158	Drill Core	128	2.35	0.037	1	10	3.35	192	0.005	<20	3.32	0.026	0.10	0.1	2.39	12.2	<0.1	1.67	10	<0.5	<0.2
REP 2625158	QC																				
2625361	Rock	<2	32.37	0.004	<1	<1	1.71	6	<0.001	<20	0.03	0.003	<0.01	<0.1	<0.01	0.2	<0.1	0.11	<1	<0.5	0.5
REP 2625361	QC																				
2625387	Drill Core	62	4.17	0.035	4	4	2.31	164	0.004	<20	2.84	0.038	0.05	<0.1	<0.01	8.3	<0.1	<0.05	7	<0.5	<0.2
REP 2625387	QC	64	4.17	0.034	4	5	2.36	161	0.004	<20	2.91	0.039	0.05	<0.1	<0.01	8.3	<0.1	<0.05	7	<0.5	<0.2
2625395	Drill Core	161	5.29	0.069	3	23	3.45	72	0.002	<20	1.73	0.041	0.06	<0.1	<0.01	20.9	0.2	1.19	7	<0.5	<0.2
REP 2625395	QC																				
2625422	Drill Core	44	3.50	0.039	3	<1	1.41	411	0.001	<20	0.33	0.018	0.21	<0.1	0.09	4.5	<0.1	0.57	<1	<0.5	<0.2
REP 2625422	QC	44	3.45	0.040	3	<1	1.39	399	0.001	<20	0.33	0.018	0.21	0.1	0.08	4.8	<0.1	0.57	<1	<0.5	<0.2
2625424	Drill Core	31	3.30	0.039	4	2	1.22	2403	0.013	<20	0.48	0.022	0.25	<0.1	0.09	7.0	0.1	0.11	<1	<0.5	<0.2
REP 2625424	QC																				
Core Reject Duplicates																					
2625119	Drill Core	11	3.14	0.049	1	<1	0.84	81	0.001	<20	0.46	0.025	0.18	0.2	0.03	3.4	<0.1	3.16	<1	<0.5	1.0
DUP 2625119	QC	10	3.13	0.050	<1	<1	0.83	72	0.001	<20	0.43	0.022	0.16	0.2	0.03	3.1	<0.1	3.06	<1	<0.5	0.8
2625153	Drill Core	33	3.47	0.048	1	1	2.11	415	0.002	<20	1.73	0.023	0.20	<0.1	0.03	4.0	<0.1	0.97	4	<0.5	<0.2
DUP 2625153	QC	32	3.58	0.048	1	1	2.11	382	0.002	<20	1.71	0.022	0.19	<0.1	0.01	4.0	<0.1	1.00	4	<0.5	<0.2
2625383	Drill Core	27	3.58	0.046	3	2	1.16	213	0.008	<20	0.84	0.033	0.13	<0.1	<0.01	6.4	<0.1	0.19	2	<0.5	<0.2
DUP 2625383	QC	30	3.52	0.044	3	2	1.17	218	0.008	<20	0.94	0.036	0.18	<0.1	<0.01	6.4	<0.1	0.17	2	<0.5	<0.2
2625417	Drill Core	28	3.39	0.046	7	5	0.14	24	0.031	<20	0.23	0.094	0.06	<0.1	<0.01	5.3	<0.1	0.09	<1	<0.5	<0.2
DUP 2625417	QC	28	3.38	0.046	6	5	0.14	24	0.030	<20	0.23	0.091	0.05	<0.1	<0.01	5.2	<0.1	0.09	<1	<0.5	<0.2
Reference Materials																					

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Bureau Veritas Commodities Canada Ltd.
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PHONE (604) 253-3158

Client: **Gavin Mines Inc.**
3431 19th Ave
PO Box 2080
Smithers BC V0J 2N0 CANADA

Project: Dome Mountain
Report Date: February 19, 2016

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QUALITY CONTROL REPORT

Method	MA404	
Analyte	Pb	Zn
Unit	%	%
MDL	0.01	0.01
Pulp Duplicates		
2625121	Drill Core	
REP 2625121	QC	
2625131	Drill Core	
REP 2625131	QC	
2625156	Drill Core	
REP 2625156	QC	
2625158	Drill Core	<0.01 1.11
REP 2625158	QC	<0.01 1.13
2625361	Rock	
REP 2625361	QC	
2625387	Drill Core	
REP 2625387	QC	
2625395	Drill Core	
REP 2625395	QC	
2625422	Drill Core	
REP 2625422	QC	
2625424	Drill Core	
REP 2625424	QC	
Core Reject Duplicates		
2625119	Drill Core	
DUP 2625119	QC	
2625153	Drill Core	
DUP 2625153	QC	
2625383	Drill Core	
DUP 2625383	QC	
2625417	Drill Core	
DUP 2625417	QC	
Reference Materials		

VAN16000263.1



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QUALITY CONTROL REPORT

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		WGHT	FA530	FA530	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
		Wgt	Ag	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	
		kg	gm/t	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
0.01	20	0.9	0.1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.01	0.5	0.1	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1
STD AGPROOF	Standard		96	<0.9																		
STD AGPROOF	Standard		96	<0.9																		
STD AGPROOF	Standard		97	<0.9																		
STD AGPROOF	Standard		96	<0.9																		
STD DS10	Standard			13.0	157.2	158.0	387	2.0	72.3	12.3	864	2.73	48.8	2.6	92.8	7.4	69	2.9	8.1	12.6		
STD DS10	Standard			14.0	143.9	145.3	352	1.9	74.9	12.8	861	2.69	43.2	2.7	79.4	7.5	73	2.3	7.8	12.8		
STD DS10	Standard			11.8	153.1	148.6	371	2.2	74.1	13.4	856	2.71	43.6	2.6	88.5	7.1	66	2.6	7.7	12.7		
STD DS10	Standard			12.1	153.4	156.7	360	2.3	72.3	12.8	830	2.62	45.3	2.7	72.4	7.6	64	2.4	8.0	12.9		
STD OREAS132A	Standard																					
STD OREAS134B	Standard																					
STD OREAS45EA	Standard			1.5	686.2	14.2	31	0.2	379.5	51.3	402	21.54	10.9	1.8	47.5	10.5	4	<0.1	0.3	0.3		
STD OREAS45EA	Standard			1.7	692.6	15.5	32	0.3	397.0	52.6	408	21.05	11.4	2.0	49.4	11.2	4	<0.1	0.3	0.3		
STD OREAS45EA	Standard			1.2	635.4	14.2	29	0.2	352.3	49.8	382	19.54	8.1	1.9	53.1	10.2	4	<0.1	0.3	0.3		
STD OREAS45EA	Standard			1.5	609.5	14.1	29	0.3	344.5	48.2	378	19.59	8.4	1.8	59.4	10.2	4	<0.1	0.3	0.3		
STD SP49	Standard	62	18.4																			
STD SP49	Standard	59	18.2																			
STD SP49	Standard	59	18.3																			
STD SP49	Standard	59	18.2																			
STD SQ70	Standard	157	39.5																			
STD SQ70	Standard	160	39.9																			
STD SQ70	Standard	159	39.7																			
STD SQ70	Standard	156	40.4																			
STD AGPROOF Expected		94	0																			
STD SP49 Expected		60.2	18.34																			
STD SQ70 Expected		159.5	39.62																			
STD DS10 Expected			13.6	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	46.2	2.59	91.9	7.5	67.1	2.62	9	11.65			
STD OREAS45EA Expected			1.6	709	14.3	31.4	0.26	381	52	400	23.51	10.3	1.73	53	10.7	3.5	0.03	0.32	0.26			
STD OREAS132A Expected																						
STD OREAS134B Expected																						

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Client: Gavin Mines Inc.

3431 19th Ave
PO Box 2080
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Project: Dome Mountain
Report Date: February 19, 2016

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QUALITY CONTROL REPORT

VAN16000263.1

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QUALITY CONTROL REPORT

		MA404	
		Pb	Zn
		%	%
		0.01	0.01
STD AGPROOF	Standard		
STD DS10	Standard		
STD OREAS132A	Standard	3.66	5.00
STD OREAS134B	Standard	13.59	18.11
STD OREAS45EA	Standard		
STD SP49	Standard		
STD SQ70	Standard		
STD AGPROOF Expected			
STD SP49 Expected			
STD SQ70 Expected			
STD DS10 Expected			
STD OREAS45EA Expected			
STD OREAS132A Expected		3.66	4.96
STD OREAS134B Expected		13.36	18.03

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QUALITY CONTROL REPORT

VAN16000263.1

		WGHT	FA530	FA530	AQ200																
		Wgt	Ag	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	gm/t	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm						
		0.01	20	0.9	0.1	0.1	0.1	1	0.1	0.1	0.1	0.01	0.5	0.1	0.5	0.1	0.1	1	0.1	0.1	0.1
BLK	Blank		<20	<0.9																	
BLK	Blank		<20	<0.9																	
BLK	Blank		<20	<0.9																	
BLK	Blank		<20	<0.9																	
BLK	Blank				<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1
BLK	Blank					<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1
BLK	Blank					<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1
BLK	Blank						<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1
BLK	Blank							<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1
Prep Wash																					
ROCK-VAN	Prep Blank		<20	<0.9	0.6	4.4	1.3	34	<0.1	1.9	3.9	417	1.83	1.0	0.3	1.1	2.3	21	<0.1	<0.1	<0.1
ROCK-VAN	Prep Blank		<20	<0.9	0.5	4.8	1.3	38	<0.1	1.7	3.5	401	1.73	0.8	0.4	0.6	2.1	33	<0.1	<0.1	<0.1



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Project: Dome Mountain
Report Date: February 19, 2016

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QUALITY CONTROL REPORT

VAN16000263.1

	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te			
	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm			
	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2				
BLK	Blank																						
BLK	Blank																						
BLK	Blank																						
BLK	Blank																						
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
BLK	Blank																						
BLK	Blank																						
Prep Wash																							
ROCK-VAN	Prep Blank	22	0.54	0.043	5	4	0.41	52	0.073	<20	0.88	0.078	0.08	0.1	<0.01	2.2	<0.1	<0.05	4	<0.5	<0.2		
ROCK-VAN	Prep Blank	21	0.61	0.039	4	3	0.40	77	0.066	<20	0.92	0.063	0.07	0.1	<0.01	2.1	<0.1	<0.05	3	<0.5	<0.2		



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PO Box 2080
Smithers BC V0J 2N0 CANADA

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QUALITY CONTROL REPORT

MA404		
	Pb	Zn
	%	%
BLK	Blank	
BLK	Blank	<0.01 <0.01
Prep Wash		
ROCK-VAN	Prep Blank	
ROCK-VAN	Prep Blank	

VAN16000263.1



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Client: **Gavin Mines Inc.**
3431 19th Ave
PO Box 2080
Smithers BC V0J 2N0 CANADA

Submitted By: Daryl Hanson
Receiving Lab: Canada-Smithers
Received: February 09, 2016
Report Date: February 23, 2016
Page: 1 of 6

CERTIFICATE OF ANALYSIS

VAN16000274.1

CLIENT JOB INFORMATION

Project: Dome Mountain
Shipment ID: ACME16-04

P.O. Number
Number of Samples: 143

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	137	Crush, split and pulverize 250 g rock to 200 mesh			VAN
SLBHP	6	Sort, label and box pulps			VAN
FA530	143	Lead collection fire assay fusion - gravimetric finish	30	Completed	VAN
AQ200	143	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN
DRPLP	143	Warehouse handling / disposition of pulps			VAN
DRRJT	137	Warehouse handling / Disposition of reject			VAN
MA404	1	4 Acid Digest AAS Finish Vancouver	0.5	Completed	VAN

ADDITIONAL COMMENTS

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

Invoice To: Gavin Mines Inc.
3431 19th Ave
PO Box 2080
Smithers BC V0J 2N0
CANADA

CC: Phillistine Michell
Kevin Tattersall
Rob Boyce
Mathias Westphal

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All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.





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Project: Dome Mountain
Report Date: February 23, 2016

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CERTIFICATE OF ANALYSIS

VAN16000274.1

Method	Analyte	WGHT	FA530	FA530	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
		Wgt	Ag	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.01	20	0.9	0.1	0.1	0.1	1	0.1	0.1	0.1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1
2625160	Drill Core	2.00	<20	<0.9	0.4	18.3	4.7	186	0.3	4.4	19.6	2970	5.74	42.2	<0.1	280.4	0.3	81	0.9	0.3	2.0
2625161	Rock Pulp	0.11	<20	7.6	73.1	1074.8	321.9	1322	8.7	64.3	16.0	430	3.41	130.4	1.0	5853.6	2.0	46	6.3	8.6	2.1
2625162	Drill Core	3.56	<20	<0.9	0.4	32.7	2.1	201	<0.1	3.8	18.0	1581	4.45	6.7	<0.1	142.3	0.4	45	0.3	0.4	0.6
2625163	Drill Core	1.79	<20	<0.9	2.9	124.4	12.3	110	1.2	2.1	18.8	1945	5.21	4.9	0.1	184.4	0.5	183	0.8	0.8	1.6
2625164	Drill Core	4.97	<20	<0.9	0.8	30.4	3.0	117	0.2	2.5	15.8	1099	4.64	3.0	0.1	37.5	0.6	106	<0.1	0.5	0.4
2625165	Drill Core	3.13	<20	<0.9	0.2	2.7	4.5	66	<0.1	2.0	14.4	1054	4.15	5.8	0.2	33.2	0.7	74	<0.1	0.3	0.5
2625166	Drill Core	3.60	<20	<0.9	<0.1	1.2	3.2	56	<0.1	1.6	12.9	762	3.24	5.6	0.2	11.0	0.9	87	<0.1	0.4	<0.1
2625167	Drill Core	4.42	<20	<0.9	0.3	2.4	4.6	63	<0.1	1.4	13.0	1079	3.65	8.9	0.1	42.3	0.6	100	<0.1	0.4	0.4
2625168	Drill Core	4.34	<20	<0.9	0.2	0.8	3.5	67	<0.1	1.0	13.3	1038	3.16	3.1	0.2	30.3	0.8	100	<0.1	0.3	<0.1
2625169	Drill Core	4.21	<20	<0.9	0.1	0.7	4.3	53	<0.1	1.4	11.7	875	2.62	4.5	0.3	5.3	0.9	107	0.1	0.7	<0.1
2625170	Drill Core	1.67	<20	<0.9	0.3	8.7	6.9	72	0.2	1.5	11.9	2629	3.52	6.1	0.1	17.1	0.6	117	0.2	0.5	0.6
2625171	Drill Core	2.46	<20	9.2	2.5	718.2	87.4	65	10.9	1.3	9.1	2238	4.86	133.0	<0.1	9044.7	0.3	70	1.3	7.0	7.6
2625172	Rock	1.31	<20	<0.9	<0.1	1.4	0.1	1	<0.1	<0.1	0.2	26	0.04	<0.5	1.0	1.3	<0.1	>2000	<0.1	<0.1	<0.1
2625173	Drill Core	4.68	<20	<0.9	0.7	33.8	13.8	71	0.7	1.4	12.9	1932	4.32	43.5	<0.1	286.4	0.5	85	0.3	0.7	1.1
2625174	Drill Core	4.95	<20	<0.9	0.2	5.3	5.6	99	0.2	2.2	14.7	1135	4.04	8.5	0.1	166.1	0.6	88	<0.1	0.3	0.5
2625175	Drill Core	5.24	<20	<0.9	0.2	22.8	39.2	107	0.3	1.7	15.9	1206	4.08	7.7	<0.1	102.8	0.6	89	0.4	0.5	0.6
2625176	Drill Core	7.28	<20	<0.9	0.1	30.0	7.9	76	0.2	1.4	16.9	1529	3.79	9.2	<0.1	245.2	0.5	85	0.1	0.6	0.9
2625177	Drill Core	6.64	<20	<0.9	0.2	39.4	40.0	122	0.6	1.9	14.4	3078	3.22	14.3	<0.1	65.6	0.5	76	1.0	0.6	1.9
2625178	Drill Core	2.41	<20	<0.9	0.5	288.9	185.9	582	6.2	2.7	15.9	1679	4.23	12.4	<0.1	294.6	0.5	62	10.6	0.4	11.9
2625179	Drill Core	2.57	<20	<0.9	0.2	79.9	4.7	75	0.5	2.4	13.1	1369	2.70	3.8	0.2	24.4	0.7	75	0.2	0.7	0.1
2625180	Drill Core	3.45	<20	<0.9	0.4	13.2	17.5	64	0.5	0.6	9.9	1587	2.94	7.5	0.2	250.0	0.7	70	0.2	2.7	1.7
2625181	Drill Core	1.80	<20	<0.9	0.1	6.1	5.8	138	<0.1	0.9	8.5	2118	2.78	4.2	0.1	5.2	0.8	102	0.8	0.4	0.2
2625182	Drill Core	1.77	<20	<0.9	1.0	1175.5	112.1	975	9.6	3.7	12.3	2688	5.34	74.8	<0.1	412.8	0.4	41	13.4	3.6	11.6
2625183	Drill Core	0.91	120	9.1	2.5	5040.5	4094.9	9443	>100	4.5	12.7	1169	6.10	209.8	<0.1	10763.9	0.2	29	175.9	184.9	162.1
2625184	Drill Core	2.34	<20	<0.9	<0.1	133.7	7.8	135	3.8	1.6	6.9	1088	3.17	7.3	0.2	16.4	0.5	185	1.1	15.3	0.2
2625185	Drill Core	1.81	<20	1.5	5.6	1065.6	522.9	779	14.6	22.1	22.5	2458	4.55	22.8	<0.1	1418.9	0.3	105	12.5	11.3	15.2
2625186	Drill Core	4.52	<20	<0.9	1.9	67.0	24.2	171	0.7	4.3	12.3	1322	3.00	9.9	<0.1	34.8	0.6	48	1.0	0.5	1.7
2625187	Rock Pulp	0.15	<20	7.3	68.0	1008.3	313.8	1231	7.2	65.6	15.8	410	3.14	124.6	0.7	5591.8	1.8	40	5.8	7.7	1.9
2625188	Drill Core	3.22	<20	<0.9	1.1	105.3	6.4	97	0.3	3.1	8.6	985	2.64	6.3	<0.1	11.7	0.6	70	0.5	1.6	0.9
2625189	Drill Core	3.97	<20	<0.9	0.1	3.7	3.8	126	<0.1	3.6	10.8	1081	2.48	2.5	0.1	11.5	0.8	60	0.3	0.4	<0.1

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Project: Dome Mountain
Report Date: February 23, 2016

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CERTIFICATE OF ANALYSIS

VAN16000274.1

Method	Analyte	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200								
		V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm							
MDL		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
2625160	Drill Core	53	5.29	0.052	2	1	2.48	536	0.002	<20	1.66	0.040	0.19	0.1	<0.01	5.2	<0.1	0.99	4	<0.5	<0.2
2625161	Rock Pulp	62	0.96	0.066	10	31	0.65	324	0.085	<20	1.21	0.078	0.13	32.5	0.88	4.2	0.6	0.62	4	2.0	0.5
2625162	Drill Core	60	2.79	0.055	3	2	1.95	286	0.007	<20	1.88	0.061	0.15	<0.1	<0.01	7.3	<0.1	0.18	6	<0.5	<0.2
2625163	Drill Core	87	3.78	0.043	3	2	1.86	115	0.003	<20	2.11	0.048	0.10	<0.1	0.01	7.7	<0.1	0.96	6	10.7	0.8
2625164	Drill Core	75	2.44	0.048	3	2	1.53	910	0.004	20	2.57	0.059	0.13	<0.1	<0.01	7.0	<0.1	0.48	7	<0.5	<0.2
2625165	Drill Core	51	2.33	0.055	2	2	1.11	133	0.004	<20	2.05	0.064	0.16	<0.1	0.01	4.7	<0.1	0.73	5	<0.5	<0.2
2625166	Drill Core	36	3.08	0.059	5	3	0.87	124	0.009	<20	1.71	0.066	0.18	<0.1	<0.01	4.8	<0.1	<0.05	5	<0.5	<0.2
2625167	Drill Core	30	4.12	0.059	2	2	0.77	105	0.005	<20	1.72	0.050	0.17	<0.1	<0.01	4.4	<0.1	0.64	4	<0.5	<0.2
2625168	Drill Core	33	4.23	0.059	5	<1	0.98	89	0.005	<20	1.83	0.045	0.19	<0.1	<0.01	4.1	<0.1	<0.05	4	<0.5	<0.2
2625169	Drill Core	26	4.12	0.055	5	1	0.99	84	0.011	<20	0.92	0.040	0.20	<0.1	<0.01	4.7	<0.1	<0.05	2	<0.5	<0.2
2625170	Drill Core	21	4.77	0.054	2	1	0.99	98	0.003	<20	1.38	0.038	0.23	<0.1	<0.01	4.3	<0.1	0.64	3	<0.5	<0.2
2625171	Drill Core	5	3.35	0.022	1	2	0.60	81	<0.001	<20	0.30	0.018	0.12	0.1	0.15	1.3	<0.1	4.25	<1	<0.5	0.4
2625172	Rock	<2	32.57	0.004	<1	<1	1.54	7	<0.001	<20	0.04	0.003	<0.01	<0.1	<0.01	0.2	<0.1	0.16	<1	<0.5	0.4
2625173	Drill Core	18	3.17	0.052	2	<1	1.17	238	0.002	<20	1.28	0.033	0.25	0.1	0.01	4.1	<0.1	2.11	2	<0.5	<0.2
2625174	Drill Core	31	3.17	0.056	2	3	1.34	294	0.003	<20	1.89	0.047	0.22	<0.1	<0.01	4.8	<0.1	0.61	4	<0.5	<0.2
2625175	Drill Core	36	3.79	0.065	3	<1	1.55	111	0.003	<20	2.10	0.042	0.23	<0.1	0.02	4.4	0.1	0.69	5	<0.5	<0.2
2625176	Drill Core	32	4.07	0.060	3	<1	1.61	99	0.003	<20	1.69	0.037	0.21	<0.1	<0.01	4.3	<0.1	0.59	4	<0.5	<0.2
2625177	Drill Core	15	4.85	0.070	4	<1	1.34	95	0.001	<20	0.99	0.032	0.24	0.4	0.03	3.8	0.1	1.14	2	<0.5	<0.2
2625178	Drill Core	27	3.23	0.037	1	1	1.22	91	0.002	<20	1.54	0.028	0.20	1.6	0.30	4.4	<0.1	1.19	3	<0.5	0.4
2625179	Drill Core	24	4.38	0.052	3	<1	1.30	103	0.006	<20	1.06	0.034	0.22	<0.1	0.02	4.9	<0.1	<0.05	2	<0.5	<0.2
2625180	Drill Core	8	3.87	0.068	2	<1	0.84	141	0.001	<20	0.44	0.026	0.24	<0.1	<0.01	3.5	0.1	1.22	<1	<0.5	<0.2
2625181	Drill Core	9	3.04	0.079	2	<1	1.03	1877	0.002	23	0.51	0.030	0.24	0.3	0.02	3.1	0.1	0.27	<1	<0.5	<0.2
2625182	Drill Core	6	1.85	0.059	<1	<1	0.67	80	<0.001	<20	0.38	0.018	0.23	0.4	0.48	2.4	0.1	3.95	<1	<0.5	1.1
2625183	Drill Core	4	1.30	0.024	<1	2	0.42	56	<0.001	<20	0.22	0.014	0.14	0.4	5.48	1.0	<0.1	6.13	<1	<0.5	4.0
2625184	Drill Core	25	2.93	0.044	<1	2	0.95	4302	0.007	<20	0.35	0.046	0.14	0.5	0.13	5.8	<0.1	0.10	<1	<0.5	<0.2
2625185	Drill Core	32	4.37	0.047	<1	34	1.94	74	<0.001	<20	0.81	0.029	0.17	0.3	0.34	7.9	<0.1	1.86	2	<0.5	0.8
2625186	Drill Core	13	2.21	0.046	2	2	0.98	470	<0.001	<20	0.70	0.030	0.20	<0.1	<0.01	4.0	<0.1	0.98	1	<0.5	<0.2
2625187	Rock Pulp	57	0.91	0.060	10	29	0.60	323	0.079	<20	1.12	0.072	0.12	30.3	0.86	3.9	0.6	0.59	4	1.9	0.5
2625188	Drill Core	7	1.96	0.035	1	<1	0.72	766	<0.001	<20	0.37	0.034	0.19	<0.1	0.01	2.2	<0.1	0.62	<1	<0.5	<0.2
2625189	Drill Core	16	2.34	0.044	4	3	1.13	995	0.005	<20	0.75	0.059	0.14	<0.1	<0.01	4.9	<0.1	0.07	2	<0.5	<0.2

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Project: Dome Mountain
Report Date: February 23, 2016

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CERTIFICATE OF ANALYSIS

	Method	MA404
	Analyte	Zn
	Unit	%
	MDL	0.01
2625160	Drill Core	
2625161	Rock Pulp	
2625162	Drill Core	
2625163	Drill Core	
2625164	Drill Core	
2625165	Drill Core	
2625166	Drill Core	
2625167	Drill Core	
2625168	Drill Core	
2625169	Drill Core	
2625170	Drill Core	
2625171	Drill Core	
2625172	Rock	
2625173	Drill Core	
2625174	Drill Core	
2625175	Drill Core	
2625176	Drill Core	
2625177	Drill Core	
2625178	Drill Core	
2625179	Drill Core	
2625180	Drill Core	
2625181	Drill Core	
2625182	Drill Core	
2625183	Drill Core	
2625184	Drill Core	
2625185	Drill Core	
2625186	Drill Core	
2625187	Rock Pulp	
2625188	Drill Core	
2625189	Drill Core	

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CERTIFICATE OF ANALYSIS

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Method	Analyte	Unit	WGHT	FA530	FA530	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200								
			Wgt	Ag	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
			kg	gm/t	gm/t	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm							
		MDL	0.01	20	0.9	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1
2625190	Drill Core		1.83	<20	<0.9	2.1	20.3	5.1	167	0.1	3.3	12.9	1052	3.34	3.8	0.1	4.7	0.8	52	0.2	0.6	0.2
2625191	Drill Core		2.30	<20	<0.9	0.4	11.7	9.5	126	0.1	2.5	18.3	1930	5.10	5.9	<0.1	11.0	0.4	87	<0.1	0.5	0.4
2625192	Drill Core		6.59	<20	<0.9	<0.1	1.9	3.1	89	<0.1	1.6	13.5	1223	2.73	4.9	<0.1	5.5	0.4	75	<0.1	0.3	<0.1
2625193	Drill Core		1.41	<20	<0.9	0.2	3.4	3.4	143	<0.1	2.2	19.3	1829	4.22	5.2	<0.1	65.5	0.5	90	<0.1	0.3	0.2
2625194	Drill Core		3.86	<20	<0.9	0.5	58.8	3.3	89	0.2	2.5	19.8	1674	4.86	1.6	0.2	17.1	0.5	89	0.2	0.3	0.4
2625195	Rock		1.39	<20	<0.9	<0.1	0.7	0.1	<1	<0.1	<0.1	0.2	35	0.04	<0.5	1.6	1.7	<0.1	>2000	<0.1	<0.1	<0.1
2625196	Drill Core		3.15	<20	<0.9	0.5	94.4	111.9	153	0.2	2.2	18.5	1638	4.20	1.7	0.2	5.4	0.5	99	0.5	0.4	0.5
2625197	Drill Core		4.44	<20	<0.9	2.7	142.9	7.3	132	1.5	2.1	16.1	2175	4.59	47.0	<0.1	259.4	0.5	114	0.3	0.9	2.5
2625198	Drill Core		3.62	<20	<0.9	1.0	38.6	6.6	141	0.5	2.4	18.0	2997	4.37	33.0	<0.1	211.1	0.6	123	0.5	0.9	1.3
2625199	Drill Core		2.37	<20	<0.9	0.8	141.7	2.5	104	1.6	2.7	13.8	1549	3.39	3.1	0.2	20.3	0.7	286	0.2	0.2	0.6
2625200	Drill Core		2.54	<20	<0.9	0.1	1.4	3.3	88	<0.1	2.5	13.5	1205	3.03	3.5	0.2	11.1	0.8	487	<0.1	0.3	<0.1
2625425	Drill Core		5.47	<20	<0.9	0.6	72.7	3.5	101	0.5	3.3	14.5	711	3.15	1.3	0.2	7.6	0.7	50	<0.1	0.2	<0.1
2625426	Drill Core		5.17	<20	<0.9	0.2	60.9	9.2	173	0.1	3.5	17.5	1768	4.67	1.7	0.4	1.9	1.1	56	0.3	0.5	<0.1
2625427	Drill Core		5.08	<20	<0.9	0.2	60.7	6.7	136	0.1	3.3	13.5	1229	3.85	1.6	0.3	<0.5	1.1	61	0.1	0.3	<0.1
2625428	Drill Core		1.95	<20	<0.9	0.3	73.7	9.5	121	0.6	3.7	22.7	1127	3.71	1.8	0.1	1.8	0.6	44	0.2	0.3	<0.1
2625429	Drill Core		1.84	<20	<0.9	0.3	63.9	40.9	67	1.6	5.1	32.4	576	2.96	2.7	0.2	<0.5	0.3	34	0.1	0.4	<0.1
2625430	Drill Core		5.37	<20	<0.9	0.3	20.5	9.9	149	0.3	3.6	18.8	1760	4.19	1.2	0.2	<0.5	0.4	57	0.5	0.2	<0.1
2625431	Drill Core		4.44	<20	<0.9	0.2	91.3	6.3	131	0.5	2.7	15.5	1211	3.06	1.2	0.1	<0.5	0.4	61	0.2	0.1	<0.1
2625432	Drill Core		2.05	<20	<0.9	0.2	38.1	7.3	91	0.9	3.2	24.7	684	3.25	2.0	0.2	1.1	0.3	28	0.3	0.2	<0.1
2625433	Drill Core		2.22	<20	<0.9	1.1	112.7	226.3	77	2.7	3.5	27.7	1039	3.75	6.2	0.5	<0.5	0.3	34	4.1	0.8	<0.1
2625434	Drill Core		6.87	<20	<0.9	0.3	62.7	8.4	83	0.5	2.0	13.6	1067	3.80	3.1	0.3	<0.5	0.9	92	0.2	0.9	<0.1
2625435	Drill Core		1.72	<20	<0.9	0.3	109.8	24.7	396	0.5	1.6	19.1	3560	4.14	18.1	<0.1	7.6	0.6	66	6.2	0.8	<0.1
2625436	Drill Core		2.54	<20	<0.9	0.4	30.1	127.3	312	0.3	2.3	24.7	2518	3.62	9.7	0.1	15.2	0.7	49	4.7	0.6	0.3
2625437	Drill Core		3.31	<20	<0.9	0.3	15.0	5.8	28	<0.1	0.6	8.4	381	3.81	4.4	0.4	<0.5	1.2	15	<0.1	1.2	<0.1
2625438	Drill Core		5.51	<20	<0.9	0.3	13.9	4.8	29	<0.1	0.6	5.3	352	3.27	4.4	0.3	<0.5	1.1	31	<0.1	1.1	<0.1
2625439	Drill Core		2.86	<20	<0.9	0.3	9.3	6.2	98	<0.1	1.1	21.9	573	4.03	5.4	0.4	<0.5	1.4	43	0.3	1.2	<0.1
2625440	Rock Pulp		0.16	<20	9.3	919.1	55.5	9.3	59	1.5	27.5	11.3	364	3.28	18.9	0.3	10890.7	1.3	59	0.3	25.9	0.4
2625441	Rock		1.31	<20	<0.9	<0.1	0.5	0.2	1	<0.1	<0.1	0.3	27	0.03	<0.5	1.4	11.6	<0.1	>2000	<0.1	<0.1	<0.1
2625442	Drill Core		3.55	<20	<0.9	0.5	55.1	10.3	841	0.4	1.0	12.0	2916	3.49	32.4	0.1	85.6	0.6	63	12.7	1.0	0.3
2625443	Drill Core		1.37	<20	2.5	0.7	87.0	13.0	173	1.7	1.7	20.1	>10000	6.67	75.3	<0.1	1769.2	0.4	81	2.2	1.1	1.5

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Method	Analyte	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200								
		V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm							
MDL		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
2625190	Drill Core	27	3.13	0.046	3	3	1.22	101	<0.001	<20	0.63	0.058	0.11	<0.1	<0.01	4.3	<0.1	<0.05	2	<0.5	<0.2
2625191	Drill Core	60	3.43	0.062	2	2	1.81	262	0.004	<20	2.76	0.041	0.10	<0.1	<0.01	6.0	<0.1	0.78	7	<0.5	<0.2
2625192	Drill Core	34	3.34	0.068	4	<1	1.60	190	0.012	<20	2.01	0.051	0.18	<0.1	<0.01	4.2	<0.1	<0.05	5	<0.5	<0.2
2625193	Drill Core	43	3.61	0.067	3	<1	2.06	142	0.006	<20	2.70	0.024	0.08	<0.1	<0.01	5.0	<0.1	0.13	7	<0.5	<0.2
2625194	Drill Core	92	3.85	0.071	7	1	1.84	101	0.010	<20	2.55	0.045	0.10	<0.1	<0.01	6.9	<0.1	<0.05	8	<0.5	<0.2
2625195	Rock	<2	33.79	0.004	<1	<1	1.89	7	<0.001	<20	0.02	0.002	<0.01	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	0.4
2625196	Drill Core	60	4.32	0.071	7	1	1.12	132	0.009	<20	1.89	0.036	0.17	<0.1	<0.01	4.8	<0.1	0.06	5	<0.5	<0.2
2625197	Drill Core	31	2.73	0.047	2	1	1.68	285	0.002	<20	1.75	0.017	0.15	<0.1	0.01	4.8	<0.1	0.66	4	1.0	0.4
2625198	Drill Core	25	3.93	0.041	2	1	1.64	312	0.002	<20	1.48	0.016	0.19	30.9	0.02	4.3	<0.1	0.87	3	<0.5	<0.2
2625199	Drill Core	45	3.34	0.041	3	2	1.80	1897	0.002	<20	1.72	0.033	0.07	0.2	<0.01	6.5	<0.1	0.08	5	<0.5	<0.2
2625200	Drill Core	41	2.68	0.039	3	2	1.83	3848	0.009	<20	1.61	0.036	0.08	<0.1	<0.01	6.2	<0.1	0.10	4	<0.5	<0.2
2625425	Drill Core	54	0.31	0.052	5	2	1.45	180	0.003	<20	1.99	0.028	0.09	<0.1	<0.01	5.3	<0.1	<0.05	5	<0.5	<0.2
2625426	Drill Core	67	0.47	0.047	6	3	0.96	257	0.011	<20	1.27	0.041	0.07	<0.1	<0.01	8.6	<0.1	<0.05	4	<0.5	<0.2
2625427	Drill Core	63	0.47	0.055	7	4	0.99	365	0.009	<20	1.43	0.051	0.08	<0.1	<0.01	7.6	<0.1	<0.05	5	<0.5	<0.2
2625428	Drill Core	43	0.50	0.052	4	3	0.83	304	0.002	<20	1.20	0.036	0.08	<0.1	0.05	6.2	<0.1	0.80	4	<0.5	<0.2
2625429	Drill Core	26	0.46	0.060	2	2	0.75	192	<0.001	<20	1.05	0.024	0.17	<0.1	0.18	3.4	<0.1	1.62	2	<0.5	<0.2
2625430	Drill Core	57	0.49	0.051	4	3	0.78	260	<0.001	<20	1.20	0.023	0.07	<0.1	0.02	11.5	<0.1	0.36	3	<0.5	<0.2
2625431	Drill Core	49	0.40	0.048	4	3	0.60	587	<0.001	<20	1.10	0.026	0.09	<0.1	0.01	6.5	<0.1	0.23	3	<0.5	<0.2
2625432	Drill Core	21	0.28	0.052	2	2	0.35	117	<0.001	<20	0.71	0.024	0.11	<0.1	0.02	3.5	<0.1	1.63	2	<0.5	<0.2
2625433	Drill Core	16	0.95	0.052	2	1	0.49	50	<0.001	<20	0.52	0.018	0.19	<0.1	0.27	3.6	<0.1	2.54	1	<0.5	<0.2
2625434	Drill Core	40	1.54	0.069	4	1	0.77	3628	0.018	<20	0.78	0.023	0.16	<0.1	0.01	6.5	<0.1	0.13	2	<0.5	<0.2
2625435	Drill Core	24	3.87	0.079	4	1	1.11	174	0.002	<20	0.60	0.019	0.15	<0.1	0.28	7.9	<0.1	0.26	1	<0.5	<0.2
2625436	Drill Core	34	2.62	0.081	5	<1	0.73	82	0.008	<20	0.81	0.032	0.16	<0.1	0.18	6.1	<0.1	0.35	2	<0.5	<0.2
2625437	Drill Core	73	0.71	0.084	7	<1	0.20	29	0.074	<20	0.35	0.080	0.07	<0.1	0.02	5.3	<0.1	<0.05	1	<0.5	<0.2
2625438	Drill Core	59	0.66	0.081	6	1	0.18	975	0.070	<20	0.32	0.096	0.06	<0.1	0.02	5.3	<0.1	<0.05	1	<0.5	<0.2
2625439	Drill Core	69	2.11	0.093	9	<1	0.85	571	0.040	<20	0.66	0.056	0.12	<0.1	0.01	8.7	<0.1	<0.05	3	<0.5	<0.2
2625440	Rock Pulp	55	0.63	0.043	7	29	0.61	139	0.079	<20	1.08	0.073	0.19	19.4	3.31	3.7	1.2	1.33	4	1.8	0.8
2625441	Rock	<2	34.10	0.006	<1	<1	1.77	10	<0.001	<20	0.02	0.002	<0.01	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	0.4
2625442	Drill Core	27	2.83	0.097	4	<1	0.71	408	0.006	<20	0.56	0.026	0.18	<0.1	0.52	7.7	<0.1	0.59	1	<0.5	<0.2
2625443	Drill Core	18	5.85	0.069	3	<1	1.40	64	<0.001	<20	0.37	0.009	0.18	0.1	0.08	5.8	<0.1	2.26	<1	<0.5	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: Dome Mountain
Report Date: February 23, 2016

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CERTIFICATE OF ANALYSIS

	Method	MA404
	Analyte	Zn
	Unit	%
	MDL	0.01
2625190	Drill Core	
2625191	Drill Core	
2625192	Drill Core	
2625193	Drill Core	
2625194	Drill Core	
2625195	Rock	
2625196	Drill Core	
2625197	Drill Core	
2625198	Drill Core	
2625199	Drill Core	
2625200	Drill Core	
2625425	Drill Core	
2625426	Drill Core	
2625427	Drill Core	
2625428	Drill Core	
2625429	Drill Core	
2625430	Drill Core	
2625431	Drill Core	
2625432	Drill Core	
2625433	Drill Core	
2625434	Drill Core	
2625435	Drill Core	
2625436	Drill Core	
2625437	Drill Core	
2625438	Drill Core	
2625439	Drill Core	
2625440	Rock Pulp	
2625441	Rock	
2625442	Drill Core	
2625443	Drill Core	

VAN16000274.1



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Project: Dome Mountain
Report Date: February 23, 2016

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CERTIFICATE OF ANALYSIS

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Method Analyte Unit MDL	WGHT	FA530	FA530	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	
	Wgt	Ag	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	
	kg	gm/t	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm		
	0.01	20	0.9	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1		
2625444	Drill Core	2.90	<20	<0.9	0.7	88.5	18.9	700	1.0	1.4	16.7	2235	4.42	88.1	0.1	222.9	0.5	68	9.6	1.4	0.9
2625445	Drill Core	1.17	<20	<0.9	0.4	46.0	6.1	107	0.2	0.7	13.0	897	3.96	5.6	0.3	<0.5	1.0	66	0.3	1.4	<0.1
2625446	Drill Core	5.49	<20	<0.9	0.3	6.1	6.0	29	<0.1	0.3	5.9	835	2.38	3.7	0.2	0.5	0.7	268	0.7	1.2	<0.1
2625447	Drill Core	3.99	<20	<0.9	0.1	33.1	31.5	100	0.3	4.3	14.0	1136	3.67	26.0	<0.1	<0.5	0.7	56	0.6	0.2	<0.1
2625448	Drill Core	4.13	<20	<0.9	0.1	9.8	3.8	69	0.2	4.2	15.7	843	4.26	14.5	<0.1	<0.5	0.8	90	0.1	0.3	<0.1
2625449	Drill Core	3.09	<20	<0.9	0.2	10.1	56.5	157	0.2	3.5	15.5	2595	4.51	23.2	0.1	8.4	0.4	89	1.6	0.2	<0.1
2625450	Drill Core	1.41	49	2.8	0.8	1289.6	9520.3	>10000	51.2	2.7	13.6	>10000	10.34	956.1	0.2	2031.1	0.2	73	560.1	10.8	17.8
2625451	Drill Core	1.94	<20	<0.9	0.3	40.2	26.6	217	1.0	5.3	25.8	3322	5.25	68.5	0.1	26.9	0.5	73	2.2	2.0	0.6
2625452	Drill Core	2.90	<20	<0.9	0.3	14.5	21.5	125	0.4	4.9	23.0	2699	4.70	45.2	0.1	27.5	0.3	104	0.9	0.5	0.3
2625453	Drill Core	3.13	<20	<0.9	0.6	48.1	52.0	106	1.0	5.8	27.8	4667	5.78	139.9	0.2	122.5	0.3	92	0.8	0.9	0.8
2625454	Drill Core	4.26	<20	<0.9	<0.1	9.4	4.6	69	0.1	5.0	17.6	1193	3.61	2.8	0.2	2.2	0.5	98	0.2	0.5	<0.1
2625455	Drill Core	4.59	<20	<0.9	1.2	21.6	7.7	72	0.3	13.6	19.0	1913	4.60	90.9	0.2	28.5	0.4	80	0.2	0.7	0.3
2625456	Drill Core	4.38	<20	<0.9	<0.1	36.9	4.5	39	0.2	16.1	14.7	1289	2.99	2.5	0.2	<0.5	0.4	96	<0.1	0.8	<0.1
2625457	Drill Core	4.05	<20	<0.9	<0.1	19.6	3.8	50	<0.1	22.9	17.5	1448	2.65	2.1	0.2	<0.5	0.5	92	<0.1	0.6	<0.1
2625458	Drill Core	4.38	<20	<0.9	0.1	3.5	4.8	47	<0.1	11.9	14.0	1300	2.71	2.6	0.2	<0.5	0.5	71	0.1	0.8	<0.1
2625459	Drill Core	4.93	<20	<0.9	0.1	0.9	4.2	86	<0.1	12.1	17.9	1256	2.96	1.9	0.3	<0.5	0.6	81	0.2	0.6	<0.1
2625460	Rock Pulp	0.15	<20	7.7	67.2	992.6	293.3	1202	7.2	65.5	15.0	397	2.98	120.8	0.7	6563.6	1.6	38	5.4	7.2	2.4
2625461	Rock	0.80	<20	<0.9	<0.1	0.3	<0.1	<1	<0.1	<0.1	0.2	25	0.03	<0.5	0.9	<0.5	<0.1	>2000	<0.1	<0.1	<0.1
2625462	Drill Core	6.39	<20	<0.9	<0.1	16.3	4.0	67	<0.1	4.2	17.1	1459	3.02	1.9	0.2	3.9	0.6	60	<0.1	0.7	<0.1
2625463	Drill Core	4.23	<20	<0.9	<0.1	0.4	5.6	71	<0.1	3.6	15.4	866	3.37	3.8	0.4	<0.5	0.8	50	<0.1	1.7	<0.1
2625464	Drill Core	4.09	<20	<0.9	<0.1	137.4	16.7	74	0.3	69.3	27.0	1730	2.77	3.4	0.3	1.0	0.3	153	0.3	0.7	<0.1
2625465	Drill Core	1.28	<20	<0.9	<0.1	90.8	20.4	2	0.4	0.5	0.6	426	0.07	1.0	<0.1	<0.5	<0.1	391	<0.1	<0.1	<0.1
2625466	Drill Core	4.48	<20	<0.9	<0.1	171.0	14.2	71	0.7	67.9	25.0	1454	2.76	3.0	0.4	1.4	0.3	289	0.3	0.6	<0.1
2625467	Drill Core	6.00	<20	<0.9	0.5	13.2	5.1	181	0.2	2.7	18.8	2180	5.59	11.7	0.3	19.0	0.6	93	0.2	0.6	<0.1
2625468	Drill Core	4.15	<20	<0.9	0.2	85.6	4.3	170	0.3	2.2	17.0	1554	4.78	31.0	0.1	2.0	0.5	63	0.3	0.9	<0.1
2625469	Drill Core	5.52	<20	<0.9	0.1	15.7	6.3	161	0.2	2.0	16.7	1500	4.66	5.3	0.1	2.4	0.5	94	0.3	0.3	<0.1
2625470	Drill Core	5.84	<20	<0.9	<0.1	15.5	3.1	139	0.1	3.4	18.4	1055	4.84	3.3	0.1	<0.5	0.4	89	0.2	0.1	<0.1
2625471	Drill Core	5.62	<20	2.3	0.6	279.6	438.8	3509	3.6	10.4	18.6	2966	5.07	161.4	0.1	2006.1	0.3	126	51.7	19.8	1.9
2625472	Drill Core	6.46	<20	<0.9	0.2	16.7	2.0	77	0.1	3.7	11.5	917	3.86	2.6	0.2	1.2	0.6	81	0.5	0.3	<0.1
2625473	Drill Core	3.77	<20	<0.9	0.2	64.5	2.6	108	0.4	4.3	17.8	1265	4.99	2.0	0.2	4.2	0.4	88	0.7	0.6	<0.1

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Project: Dome Mountain
Report Date: February 23, 2016

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CERTIFICATE OF ANALYSIS

VAN16000274.1

Method	Analyte	AQ200																			
		V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
2625444	Drill Core	26	3.23	0.077	3	1	1.09	126	0.002	<20	0.87	0.022	0.18	<0.1	0.49	7.0	<0.1	1.45	2	<0.5	<0.2
2625445	Drill Core	26	2.69	0.096	5	<1	0.86	346	0.017	<20	0.77	0.020	0.19	<0.1	0.01	8.5	<0.1	0.08	3	<0.5	<0.2
2625446	Drill Core	24	4.50	0.065	4	<1	0.47	4180	0.031	<20	0.30	0.056	0.12	<0.1	<0.01	7.4	<0.1	0.12	<1	<0.5	<0.2
2625447	Drill Core	13	2.82	0.043	6	2	0.89	38	<0.001	<20	0.55	0.029	0.17	<0.1	0.02	5.6	0.1	<0.05	2	<0.5	<0.2
2625448	Drill Core	11	2.63	0.056	8	<1	1.27	58	<0.001	<20	0.56	0.010	0.20	<0.1	<0.01	8.7	0.1	0.05	1	<0.5	<0.2
2625449	Drill Core	16	3.47	0.053	3	<1	1.29	72	<0.001	<20	0.38	0.016	0.23	<0.1	0.03	7.0	0.1	0.34	<1	<0.5	<0.2
2625450	Drill Core	18	3.03	0.022	<1	2	0.90	21	<0.001	<20	0.14	0.007	0.08	0.1	4.10	4.5	<0.1	8.24	1	11.4	<0.2
2625451	Drill Core	36	3.16	0.065	2	1	1.03	45	<0.001	<20	0.46	0.036	0.16	0.2	0.07	9.6	<0.1	1.08	1	<0.5	<0.2
2625452	Drill Core	31	4.18	0.050	2	1	1.75	139	<0.001	<20	0.55	0.023	0.18	0.1	<0.01	9.9	0.1	1.05	1	<0.5	<0.2
2625453	Drill Core	44	4.32	0.045	2	2	2.17	118	0.001	<20	1.08	0.025	0.18	0.1	<0.01	10.7	<0.1	1.99	3	0.8	<0.2
2625454	Drill Core	36	4.24	0.046	3	3	2.10	1153	0.006	<20	0.79	0.022	0.17	<0.1	<0.01	10.5	<0.1	<0.05	3	<0.5	<0.2
2625455	Drill Core	36	3.54	0.050	2	11	2.27	232	0.002	<20	1.46	0.009	0.18	<0.1	<0.01	10.1	<0.1	0.97	4	<0.5	<0.2
2625456	Drill Core	30	5.14	0.044	3	10	2.24	981	0.007	<20	0.66	0.018	0.22	<0.1	<0.01	8.8	<0.1	<0.05	2	<0.5	<0.2
2625457	Drill Core	29	4.48	0.048	3	22	2.80	278	0.009	<20	0.95	0.019	0.13	<0.1	<0.01	11.0	<0.1	<0.05	3	<0.5	<0.2
2625458	Drill Core	36	3.34	0.050	3	12	2.09	161	0.010	<20	0.68	0.038	0.13	<0.1	<0.01	8.1	<0.1	<0.05	2	<0.5	<0.2
2625459	Drill Core	37	3.51	0.051	3	13	2.33	872	0.012	<20	0.95	0.032	0.10	<0.1	<0.01	7.6	<0.1	<0.05	3	<0.5	<0.2
2625460	Rock Pulp	54	0.85	0.061	9	27	0.59	304	0.071	<20	1.07	0.068	0.12	29.8	0.88	3.7	0.5	0.58	4	1.6	0.5
2625461	Rock	<2	32.35	0.004	<1	<1	1.65	4	<0.001	22	0.03	0.006	<0.01	<0.1	<0.01	0.2	<0.1	0.17	<1	<0.5	0.3
2625462	Drill Core	42	2.90	0.060	4	2	1.99	665	0.015	<20	0.85	0.039	0.11	<0.1	<0.01	7.2	<0.1	<0.05	3	<0.5	<0.2
2625463	Drill Core	40	1.50	0.070	6	3	2.32	90	0.019	<20	1.58	0.042	0.17	<0.1	<0.01	5.8	<0.1	<0.05	4	<0.5	<0.2
2625464	Drill Core	92	11.00	0.050	3	181	2.23	272	0.024	<20	1.47	0.034	0.05	<0.1	0.02	17.5	<0.1	<0.05	5	<0.5	<0.2
2625465	Drill Core	<2	10.03	0.001	1	<1	0.06	2583	<0.001	<20	0.05	0.001	0.02	<0.1	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2
2625466	Drill Core	76	7.94	0.056	3	149	2.44	4132	0.016	<20	1.83	0.026	0.08	<0.1	<0.01	14.1	<0.1	0.05	5	<0.5	<0.2
2625467	Drill Core	76	2.14	0.042	3	1	2.30	538	<0.001	<20	0.42	0.044	0.06	<0.1	0.03	9.0	<0.1	<0.05	1	<0.5	<0.2
2625468	Drill Core	69	1.54	0.044	3	2	1.94	43	<0.001	<20	0.49	0.053	0.05	<0.1	0.03	8.3	<0.1	<0.05	2	<0.5	<0.2
2625469	Drill Core	63	2.23	0.047	3	2	1.85	80	<0.001	<20	0.40	0.053	0.07	<0.1	0.03	8.1	<0.1	<0.05	1	<0.5	<0.2
2625470	Drill Core	75	2.79	0.043	<1	2	2.00	233	<0.001	<20	0.29	0.049	0.04	<0.1	0.02	9.9	<0.1	<0.05	<1	<0.5	<0.2
2625471	Drill Core	36	3.55	0.043	<1	3	1.83	208	<0.001	<20	0.24	0.021	0.12	<0.1	1.30	8.4	<0.1	1.38	<1	<0.5	<0.2
2625472	Drill Core	36	3.73	0.043	3	2	1.39	56	<0.001	<20	0.25	0.047	0.11	<0.1	0.06	8.9	<0.1	<0.05	<1	<0.5	<0.2
2625473	Drill Core	91	2.88	0.040	3	2	1.78	27	0.001	<20	0.35	0.045	0.06	<0.1	0.03	14.2	<0.1	<0.05	1	<0.5	<0.2

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Project: Dome Mountain
Report Date: February 23, 2016

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CERTIFICATE OF ANALYSIS

Method	MA404
Analyte	Zn
Unit	%
MDL	0.01
2625444	Drill Core
2625445	Drill Core
2625446	Drill Core
2625447	Drill Core
2625448	Drill Core
2625449	Drill Core
2625450	Drill Core
2625451	Drill Core
2625452	Drill Core
2625453	Drill Core
2625454	Drill Core
2625455	Drill Core
2625456	Drill Core
2625457	Drill Core
2625458	Drill Core
2625459	Drill Core
2625460	Rock Pulp
2625461	Rock
2625462	Drill Core
2625463	Drill Core
2625464	Drill Core
2625465	Drill Core
2625466	Drill Core
2625467	Drill Core
2625468	Drill Core
2625469	Drill Core
2625470	Drill Core
2625471	Drill Core
2625472	Drill Core
2625473	Drill Core

VAN16000274.1



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CERTIFICATE OF ANALYSIS

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Method Analyte Unit MDL	WGHT	FA530	FA530	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
	Wgt	Ag	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	
	kg	gm/t	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
	0.01	20	0.9	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	
2625474	Drill Core	8.39	<20	<0.9	0.2	1.3	1.3	46	<0.1	47.8	17.6	566	2.15	15.8	0.5	<0.5	0.7	141	<0.1	0.3	<0.1
2625475	Drill Core	1.40	<20	<0.9	0.1	1.6	2.0	49	<0.1	45.9	21.3	1025	2.75	23.0	0.2	<0.5	0.6	218	<0.1	0.5	<0.1
2625476	Drill Core	1.00	<20	<0.9	0.1	1.2	1.0	17	<0.1	31.7	10.2	633	1.42	13.6	0.1	<0.5	0.2	187	<0.1	0.2	<0.1
2625477	Drill Core	1.42	<20	<0.9	0.2	1.6	1.1	24	<0.1	48.3	16.0	564	1.90	14.7	0.2	<0.5	0.2	160	<0.1	0.2	<0.1
2625478	Drill Core	1.34	<20	<0.9	0.2	1.1	1.2	25	<0.1	63.7	15.2	456	1.83	11.3	0.1	<0.5	0.2	191	<0.1	0.2	<0.1
2625479	Drill Core	3.50	<20	<0.9	<0.1	516.0	2.3	38	0.3	30.6	12.7	361	2.44	7.0	0.2	1.0	0.8	189	<0.1	3.4	<0.1
2625480	Rock Pulp	0.16	<20	9.8	873.5	54.9	8.8	53	1.5	27.1	10.9	339	3.09	18.4	0.3	20853.3	1.1	45	<0.1	24.3	0.4
2625481	Rock	1.00	<20	<0.9	0.1	1.3	0.2	2	<0.1	<0.1	0.2	23	0.05	<0.5	0.8	<0.5	<0.1	>2000	<0.1	<0.1	<0.1
2625482	Drill Core	1.17	<20	<0.9	0.2	52.6	2.5	30	<0.1	18.8	12.0	1016	1.94	7.0	0.3	<0.5	0.2	348	<0.1	1.8	<0.1
2625483	Drill Core	5.21	<20	<0.9	0.1	38.8	1.2	44	<0.1	67.2	18.6	604	2.60	4.9	0.2	1.3	0.4	175	<0.1	1.2	<0.1
2625484	Drill Core	6.61	<20	<0.9	0.1	178.1	0.5	33	<0.1	159.6	30.7	1039	2.51	8.2	0.1	1.2	0.2	131	<0.1	<0.1	<0.1
2625485	Drill Core	4.58	<20	<0.9	0.1	1.4	0.5	29	<0.1	72.4	22.2	763	2.19	8.9	0.2	1.8	0.1	83	0.2	<0.1	<0.1
2625486	Drill Core	6.74	<20	<0.9	0.1	23.6	0.6	45	<0.1	83.5	29.4	727	2.59	8.0	0.2	3.1	0.2	51	<0.1	<0.1	<0.1
2625487	Drill Core	2.97	<20	<0.9	<0.1	146.9	0.8	30	<0.1	70.1	24.9	583	1.50	4.8	<0.1	1.9	0.1	153	0.3	0.1	<0.1
2625488	Drill Core	1.35	<20	<0.9	0.2	147.7	0.8	14	<0.1	56.3	14.2	472	1.92	12.4	0.2	1.4	0.2	94	0.5	0.1	<0.1
2625489	Drill Core	3.91	<20	<0.9	<0.1	164.5	0.9	20	<0.1	71.5	19.3	451	1.28	9.1	0.2	1.1	0.2	149	0.2	<0.1	<0.1
2625490	Drill Core	1.95	<20	<0.9	0.1	273.1	0.7	18	<0.1	75.4	17.4	527	1.40	5.1	0.1	<0.5	0.2	90	0.3	<0.1	<0.1
2625491	Drill Core	2.82	<20	<0.9	0.1	65.5	0.6	25	<0.1	67.2	18.3	493	1.31	7.4	0.1	<0.5	0.1	99	0.1	<0.1	<0.1
2625492	Drill Core	2.25	<20	<0.9	<0.1	10.8	2.3	43	<0.1	241.5	64.4	1491	2.56	65.9	1.4	<0.5	0.5	281	0.3	1.9	<0.1
2625493	Drill Core	2.59	<20	<0.9	0.1	48.4	1.2	35	<0.1	114.1	28.3	449	1.59	5.2	0.1	<0.5	0.1	148	<0.1	<0.1	<0.1
2625494	Drill Core	3.25	<20	<0.9	0.2	305.6	1.1	27	<0.1	102.8	23.2	600	1.74	6.4	0.1	12.7	0.2	199	0.1	0.6	<0.1
2625495	Drill Core	5.66	<20	<0.9	<0.1	17.1	3.9	77	<0.1	5.1	19.7	1252	3.71	2.7	0.2	0.8	0.7	91	0.2	0.3	<0.1
2625496	Drill Core	4.16	<20	<0.9	0.6	474.4	33.9	455	12.1	4.9	19.8	3444	4.26	23.4	0.1	392.5	0.5	86	7.1	2.9	2.0
2625497	Drill Core	3.94	<20	<0.9	0.8	227.7	5.4	96	0.3	3.9	13.1	1841	3.26	2.6	<0.1	64.3	0.5	120	0.2	0.8	0.1
2625498	Drill Core	6.84	<20	<0.9	0.4	34.9	9.3	85	0.2	2.7	12.6	1946	3.10	3.3	<0.1	6.3	0.3	167	0.2	1.1	0.2
2625499	Drill Core	3.92	<20	<0.9	0.3	4.4	6.8	119	<0.1	2.6	10.9	2131	3.39	2.3	<0.1	101.8	0.4	408	0.2	0.3	<0.1
2625500	Rock Pulp	0.16	<20	7.5	73.4	1044.7	315.9	1282	7.8	70.0	16.5	429	3.29	130.7	0.8	6593.3	2.1	50	6.5	8.8	2.4
2625501	Rock	0.83	<20	<0.9	<0.1	1.4	0.2	2	<0.1	1.3	0.2	24	0.04	<0.5	1.3	1.3	<0.1	>2000	<0.1	<0.1	<0.1
2625502	Drill Core	7.95	<20	<0.9	0.4	156.1	23.1	130	1.1	2.9	19.8	1583	4.88	6.7	<0.1	59.1	0.3	74	0.2	0.5	1.7
2625503	Drill Core	6.42	<20	<0.9	0.3	129.5	57.9	70	1.8	3.3	25.0	970	4.39	5.4	<0.1	18.5	0.3	74	0.2	0.6	0.2

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Project: Dome Mountain
Report Date: February 23, 2016

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CERTIFICATE OF ANALYSIS

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Method	Analyte	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200								
		V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
		MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2
2625474	Drill Core	53	1.70	0.062	4	108	2.41	135	0.108	<20	1.65	0.033	<0.01	<0.1	<0.01	6.7	<0.1	<0.05	4	<0.5	<0.2
2625475	Drill Core	57	4.50	0.063	5	117	2.69	34	0.016	<20	1.82	0.018	0.02	<0.1	<0.01	9.7	<0.1	<0.05	5	<0.5	<0.2
2625476	Drill Core	42	5.54	0.038	1	86	1.18	34	0.116	<20	1.00	0.023	<0.01	<0.1	<0.01	4.6	<0.1	<0.05	3	<0.5	<0.2
2625477	Drill Core	52	4.40	0.047	1	105	1.42	33	0.117	<20	1.12	0.020	<0.01	<0.1	<0.01	4.8	<0.1	<0.05	2	<0.5	<0.2
2625478	Drill Core	41	2.91	0.040	2	141	1.45	11	0.079	<20	1.18	0.018	0.02	<0.1	<0.01	6.3	<0.1	<0.05	3	<0.5	<0.2
2625479	Drill Core	54	0.97	0.047	4	52	1.36	45	0.019	<20	1.43	0.022	0.04	<0.1	<0.01	7.1	<0.1	<0.05	4	<0.5	<0.2
2625480	Rock Pulp	46	0.59	0.039	6	28	0.58	192	0.064	<20	1.04	0.072	0.19	21.5	3.99	3.0	1.0	1.34	4	1.3	0.8
2625481	Rock	<2	32.13	0.005	<1	1	1.65	5	<0.001	<20	0.03	0.006	<0.01	<0.1	<0.01	0.2	<0.1	0.19	<1	<0.5	0.4
2625482	Drill Core	32	8.07	0.020	2	19	2.99	8	0.004	23	0.27	0.010	0.01	<0.1	0.09	4.5	<0.1	<0.05	<1	<0.5	<0.2
2625483	Drill Core	69	1.60	0.046	3	106	2.63	13	0.066	25	1.96	0.017	0.04	<0.1	<0.01	7.9	<0.1	<0.05	4	<0.5	<0.2
2625484	Drill Core	105	5.85	0.055	1	176	3.14	104	0.115	22	2.10	0.034	0.05	<0.1	<0.01	5.5	<0.1	<0.05	5	<0.5	<0.2
2625485	Drill Core	56	8.95	0.043	<1	131	2.22	21	0.111	<20	1.41	0.031	0.03	<0.1	<0.01	4.4	<0.1	<0.05	4	<0.5	<0.2
2625486	Drill Core	74	3.85	0.057	2	105	2.73	20	0.126	<20	1.82	0.045	0.07	<0.1	<0.01	5.6	<0.1	<0.05	4	<0.5	<0.2
2625487	Drill Core	62	7.75	0.049	2	142	1.68	10	0.156	<20	1.35	0.008	0.04	<0.1	<0.01	5.5	<0.1	<0.05	3	<0.5	<0.2
2625488	Drill Core	124	10.97	0.043	2	58	0.73	19	0.143	32	2.92	0.009	0.03	<0.1	<0.01	7.0	<0.1	<0.05	10	<0.5	<0.2
2625489	Drill Core	58	6.63	0.047	2	133	1.31	9	0.176	<20	1.45	0.005	0.03	<0.1	<0.01	5.7	<0.1	<0.05	3	<0.5	<0.2
2625490	Drill Core	89	7.15	0.042	2	76	1.15	18	0.119	<20	1.54	0.013	0.05	<0.1	<0.01	4.0	<0.1	<0.05	6	<0.5	<0.2
2625491	Drill Core	70	5.57	0.045	1	122	1.87	9	0.137	<20	1.40	0.009	0.04	<0.1	<0.01	4.6	<0.1	<0.05	4	<0.5	<0.2
2625492	Drill Core	108	8.53	0.060	5	175	2.56	26	0.002	<20	0.63	0.013	0.09	<0.1	0.49	33.3	0.2	0.32	1	<0.5	<0.2
2625493	Drill Core	65	3.61	0.053	2	159	2.47	11	0.154	<20	1.76	0.012	<0.01	<0.1	<0.01	3.4	<0.1	<0.05	3	<0.5	<0.2
2625494	Drill Core	87	5.26	0.051	2	234	2.18	9	0.120	<20	1.73	0.008	0.03	<0.1	<0.01	12.8	<0.1	<0.05	4	<0.5	<0.2
2625495	Drill Core	32	3.70	0.046	4	2	2.05	114	0.005	<20	1.73	0.020	0.14	<0.1	<0.01	6.8	<0.1	<0.05	4	<0.5	<0.2
2625496	Drill Core	18	4.39	0.040	3	3	1.54	123	0.002	<20	1.15	0.013	0.21	0.1	0.17	5.3	<0.1	1.16	2	<0.5	<0.2
2625497	Drill Core	31	5.55	0.040	4	3	1.36	206	0.003	<20	1.69	0.023	0.17	<0.1	<0.01	4.3	<0.1	0.07	4	<0.5	<0.2
2625498	Drill Core	18	5.88	0.045	3	3	1.57	842	0.002	<20	1.69	0.017	0.21	<0.1	<0.01	3.2	<0.1	0.44	3	<0.5	<0.2
2625499	Drill Core	46	5.47	0.037	4	3	1.23	2744	0.004	<20	1.60	0.038	0.05	<0.1	<0.01	9.5	<0.1	0.12	5	<0.5	<0.2
2625500	Rock Pulp	62	0.92	0.065	11	32	0.63	331	0.095	<20	1.18	0.071	0.12	32.6	0.86	4.3	0.6	0.57	4	1.8	0.5
2625501	Rock	<2	32.98	0.006	<1	<1	1.55	10	<0.001	<20	0.02	0.003	<0.01	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	0.5
2625502	Drill Core	41	2.41	0.065	2	2	1.57	198	0.003	<20	1.90	0.044	0.21	<0.1	0.06	5.1	<0.1	2.14	5	<0.5	<0.2
2625503	Drill Core	31	2.28	0.062	2	2	0.83	58	0.002	<20	1.11	0.061	0.18	<0.1	0.11	4.5	<0.1	3.06	3	<0.5	<0.2

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CERTIFICATE OF ANALYSIS

	Method	MA404
	Analyte	Zn
	Unit	%
	MDL	0.01
2625474	Drill Core	
2625475	Drill Core	
2625476	Drill Core	
2625477	Drill Core	
2625478	Drill Core	
2625479	Drill Core	
2625480	Rock Pulp	
2625481	Rock	
2625482	Drill Core	
2625483	Drill Core	
2625484	Drill Core	
2625485	Drill Core	
2625486	Drill Core	
2625487	Drill Core	
2625488	Drill Core	
2625489	Drill Core	
2625490	Drill Core	
2625491	Drill Core	
2625492	Drill Core	
2625493	Drill Core	
2625494	Drill Core	
2625495	Drill Core	
2625496	Drill Core	
2625497	Drill Core	
2625498	Drill Core	
2625499	Drill Core	
2625500	Rock Pulp	
2625501	Rock	
2625502	Drill Core	
2625503	Drill Core	



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CERTIFICATE OF ANALYSIS

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Analyte	Method	WGHT	FA530	FA530	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	
		Wgt	Ag	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.01	20	0.9	0.1	0.1	0.1	1	0.1	0.1	0.1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1
2625504	Drill Core	6.20	<20	<0.9	0.3	197.1	6.3	119	0.6	2.7	16.3	1378	4.06	3.4	<0.1	5.7	0.4	142	0.2	0.4	0.2
2625505	Drill Core	1.21	<20	<0.9	1.6	111.3	37.1	346	1.5	4.6	18.6	4497	3.87	35.7	<0.1	728.6	0.2	113	6.0	1.2	2.3
2625506	Drill Core	8.77	<20	<0.9	0.3	38.0	7.9	167	0.4	4.7	23.8	1058	3.58	3.4	<0.1	6.6	0.4	61	0.4	0.5	0.2
2625507	Drill Core	8.28	<20	<0.9	0.2	55.4	10.3	46	0.7	4.7	22.7	586	2.24	3.1	<0.1	7.9	0.4	61	0.3	0.4	0.2
2625508	Drill Core	6.30	<20	<0.9	1.4	49.7	21.2	67	0.8	4.7	22.4	628	2.62	2.6	<0.1	8.3	0.4	104	3.0	0.4	0.5
2625509	Drill Core	5.89	<20	<0.9	0.2	42.1	8.9	45	0.5	4.7	18.6	641	1.73	1.5	<0.1	7.2	0.3	294	1.2	0.3	<0.1
2625510	Drill Core	6.53	<20	<0.9	0.2	71.6	6.0	95	0.6	5.3	22.7	933	3.52	1.9	<0.1	15.3	0.4	162	0.7	0.3	0.2
2625511	Drill Core	6.07	<20	<0.9	0.4	58.1	10.7	68	0.8	6.0	27.6	767	2.73	2.9	<0.1	5.4	0.3	55	1.0	0.3	<0.1
2625512	Drill Core	5.90	<20	<0.9	0.2	49.3	13.3	88	0.6	4.8	22.1	736	2.96	2.1	<0.1	5.8	0.3	41	0.5	0.4	0.2
2625751	Drill Core	3.28	<20	<0.9	1.2	207.9	12.0	144	0.6	0.5	10.4	2343	2.70	6.6	<0.1	10.3	0.7	261	0.4	0.9	1.0
2625752	Rock	1.38	<20	<0.9	<0.1	0.5	0.1	<1	<0.1	<0.1	0.2	35	0.04	<0.5	1.3	<0.5	<0.1	>2000	<0.1	<0.1	<0.1
2625753	Drill Core	2.76	<20	<0.9	2.1	210.0	40.3	143	1.3	0.9	14.2	4273	4.05	19.4	<0.1	46.4	0.3	295	0.9	3.1	3.0
2625754	Drill Core	3.95	<20	<0.9	0.3	2.6	5.7	125	<0.1	0.5	10.6	1553	2.83	2.8	0.3	<0.5	1.2	527	0.3	0.7	<0.1
2625755	Drill Core	3.01	<20	<0.9	0.3	2.3	6.1	94	<0.1	0.6	9.5	1278	2.70	3.2	0.4	<0.5	1.5	103	0.3	1.3	<0.1
2625756	Drill Core	4.62	<20	<0.9	0.2	1.4	7.2	184	<0.1	0.4	10.8	1503	2.69	2.8	0.2	<0.5	1.0	343	0.6	0.8	<0.1
2625757	Drill Core	5.67	<20	<0.9	0.1	3.1	6.1	235	<0.1	1.6	11.4	1785	2.95	2.9	0.1	7.6	0.7	476	0.6	0.7	<0.1
2625758	Drill Core	3.18	<20	<0.9	0.4	85.4	73.4	315	0.6	2.8	15.5	4346	4.65	19.5	<0.1	105.5	0.3	82	1.8	1.1	1.3
2625759	Drill Core	2.48	68	13.6	5.2	4447.0	2008.4	330	69.0	2.9	6.4	606	3.43	35.9	<0.1	14344.4	<0.1	21	9.3	4.2	109.4
2625760	Drill Core	1.57	<20	<0.9	<0.1	7.6	7.9	265	<0.1	5.9	22.0	2167	4.85	4.6	0.2	17.0	0.5	77	0.6	0.6	0.2
2625761	Drill Core	4.23	<20	<0.9	0.1	13.1	8.4	84	<0.1	8.3	24.3	2082	4.53	4.6	0.2	1.1	0.4	95	0.3	1.1	0.2
2625762	Drill Core	4.27	<20	<0.9	0.2	6.3	5.7	114	0.2	7.8	25.9	3058	5.65	12.8	<0.1	14.4	0.2	88	0.1	0.3	0.8
2625763	Drill Core	3.53	<20	<0.9	0.5	87.5	20.1	385	1.4	8.5	24.4	5234	5.91	42.8	<0.1	68.1	0.2	83	3.0	0.5	5.3
2625764	Drill Core	2.25	<20	<0.9	3.7	464.6	35.7	319	4.6	7.2	24.7	3615	5.76	19.5	<0.1	142.5	0.2	96	0.7	1.7	6.3



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Project: Dome Mountain
Report Date: February 23, 2016

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CERTIFICATE OF ANALYSIS

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Analyte	Method	AQ200																			
		V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
2625504	Drill Core	39	4.35	0.057	3	2	1.29	786	0.006	<20	1.61	0.040	0.17	<0.1	0.02	6.2	<0.1	0.49	4	<0.5	<0.2
2625505	Drill Core	14	6.86	0.041	2	2	0.90	209	0.002	<20	0.88	0.013	0.18	<0.1	0.33	4.3	<0.1	1.78	2	<0.5	<0.2
2625506	Drill Core	37	2.34	0.046	2	2	1.06	188	0.002	<20	1.80	0.036	0.21	<0.1	0.06	5.6	<0.1	0.46	4	<0.5	<0.2
2625507	Drill Core	14	1.70	0.052	2	2	0.74	121	<0.001	<20	0.97	0.025	0.28	<0.1	0.15	4.9	<0.1	0.95	2	<0.5	<0.2
2625508	Drill Core	20	1.87	0.048	2	2	0.94	547	0.001	<20	1.34	0.025	0.27	<0.1	0.17	4.3	<0.1	0.72	3	<0.5	<0.2
2625509	Drill Core	14	2.47	0.040	2	2	0.73	535	0.001	<20	0.99	0.026	0.17	<0.1	0.07	3.3	<0.1	0.31	2	<0.5	<0.2
2625510	Drill Core	37	1.78	0.046	2	3	1.63	1302	0.002	<20	2.32	0.039	0.17	<0.1	0.03	5.0	<0.1	0.27	6	<0.5	<0.2
2625511	Drill Core	30	1.84	0.046	2	3	1.20	272	0.002	<20	1.73	0.038	0.18	<0.1	0.04	3.9	<0.1	0.59	4	<0.5	<0.2
2625512	Drill Core	35	1.26	0.052	2	3	1.44	156	0.002	<20	2.03	0.044	0.18	<0.1	0.02	4.4	<0.1	0.40	5	<0.5	<0.2
2625751	Drill Core	11	3.93	0.066	3	<1	1.17	1104	0.002	<20	0.93	0.033	0.21	<0.1	<0.01	4.1	<0.1	0.42	2	<0.5	<0.2
2625752	Rock	<2	33.05	0.005	<1	<1	1.96	8	<0.001	<20	0.02	0.002	<0.01	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	0.4
2625753	Drill Core	9	5.96	0.038	1	1	1.50	65	<0.001	<20	0.46	0.019	0.15	<0.1	0.01	2.8	<0.1	2.02	1	<0.5	<0.2
2625754	Drill Core	17	3.03	0.072	5	<1	0.85	1748	0.010	<20	0.83	0.056	0.21	<0.1	<0.01	4.2	<0.1	0.06	2	<0.5	<0.2
2625755	Drill Core	16	2.45	0.076	6	<1	0.68	319	0.017	<20	0.59	0.051	0.21	0.2	<0.01	3.7	<0.1	<0.05	2	<0.5	<0.2
2625756	Drill Core	12	3.26	0.067	4	<1	0.95	2112	0.007	<20	0.75	0.038	0.22	0.1	<0.01	4.0	<0.1	0.06	2	<0.5	<0.2
2625757	Drill Core	18	3.38	0.054	3	4	1.15	3607	0.006	<20	0.76	0.034	0.18	0.1	<0.01	5.1	<0.1	0.13	2	<0.5	<0.2
2625758	Drill Core	25	4.04	0.070	1	2	1.36	153	0.001	<20	1.04	0.018	0.25	0.2	0.02	7.2	<0.1	1.74	2	<0.5	<0.2
2625759	Drill Core	3	0.83	0.006	<1	4	0.19	79	<0.001	<20	0.11	0.006	0.06	0.2	0.15	1.1	<0.1	3.18	<1	<0.5	4.0
2625760	Drill Core	98	3.32	0.043	4	6	2.67	111	0.015	<20	2.43	0.050	0.09	0.2	0.02	10.8	<0.1	<0.05	7	<0.5	<0.2
2625761	Drill Core	106	3.75	0.038	4	10	2.74	294	0.027	<20	1.92	0.039	0.07	<0.1	<0.01	10.2	<0.1	<0.05	5	<0.5	<0.2
2625762	Drill Core	96	3.65	0.040	1	11	2.87	195	0.003	<20	3.21	0.026	0.14	<0.1	<0.01	9.3	<0.1	0.30	7	<0.5	<0.2
2625763	Drill Core	50	3.45	0.035	1	6	1.77	137	0.005	<20	2.10	0.016	0.19	0.2	0.04	6.4	0.1	1.64	4	<0.5	<0.2
2625764	Drill Core	44	3.85	0.037	1	4	1.80	128	0.002	<20	2.32	0.012	0.21	0.2	0.02	4.7	0.1	1.84	4	<0.5	0.2



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Project: Dome Mountain
Report Date: February 23, 2016

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CERTIFICATE OF ANALYSIS

	Method	MA404
	Analyte	Zn
	Unit	%
	MDL	0.01
2625504	Drill Core	
2625505	Drill Core	
2625506	Drill Core	
2625507	Drill Core	
2625508	Drill Core	
2625509	Drill Core	
2625510	Drill Core	
2625511	Drill Core	
2625512	Drill Core	
2625751	Drill Core	
2625752	Rock	
2625753	Drill Core	
2625754	Drill Core	
2625755	Drill Core	
2625756	Drill Core	
2625757	Drill Core	
2625758	Drill Core	
2625759	Drill Core	
2625760	Drill Core	
2625761	Drill Core	
2625762	Drill Core	
2625763	Drill Core	
2625764	Drill Core	

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QUALITY CONTROL REPORT

VAN16000274.1

Method Analyte Unit MDL	WGHT	FA530	FA530	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	
	Wgt	Ag	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	
	kg	gm/t	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm		
	0.01	20	0.9	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	
Pulp Duplicates																					
2625162	Drill Core	3.56	<20	<0.9	0.4	32.7	2.1	201	<0.1	3.8	18.0	1581	4.45	6.7	<0.1	142.3	0.4	45	0.3	0.4	0.6
REP 2625162	QC		<20	<0.9																	
2625186	Drill Core	4.52	<20	<0.9	1.9	67.0	24.2	171	0.7	4.3	12.3	1322	3.00	9.9	<0.1	34.8	0.6	48	1.0	0.5	1.7
REP 2625186	QC				2.0	68.6	25.6	176	0.8	4.7	13.4	1339	3.03	9.6	<0.1	52.0	0.6	45	1.1	0.5	1.9
2625196	Drill Core	3.15	<20	<0.9	0.5	94.4	111.9	153	0.2	2.2	18.5	1638	4.20	1.7	0.2	5.4	0.5	99	0.5	0.4	0.5
REP 2625196	QC		<20	<0.9																	
2625445	Drill Core	1.17	<20	<0.9	0.4	46.0	6.1	107	0.2	0.7	13.0	897	3.96	5.6	0.3	<0.5	1.0	66	0.3	1.4	<0.1
REP 2625445	QC				0.4	44.5	6.1	114	0.1	0.7	13.4	918	3.98	5.6	0.3	<0.5	1.1	66	0.4	1.4	<0.1
2625450	Drill Core	1.41	49	2.8	0.8	1289.6	9520.3	>10000	51.2	2.7	13.6	>10000	10.34	956.1	0.2	2031.1	0.2	73	560.1	10.8	17.8
REP 2625450	QC																				
2625454	Drill Core	4.26	<20	<0.9	<0.1	9.4	4.6	69	0.1	5.0	17.6	1193	3.61	2.8	0.2	2.2	0.5	98	0.2	0.5	<0.1
REP 2625454	QC		<20	<0.9																	
2625480	Rock Pulp	0.16	<20	9.8	873.5	54.9	8.8	53	1.5	27.1	10.9	339	3.09	18.4	0.3	20853.3	1.1	45	<0.1	24.3	0.4
REP 2625480	QC				897.8	58.4	8.8	56	1.2	29.2	11.4	349	3.18	19.4	0.3	9724.0	1.1	45	<0.1	25.2	0.4
2625488	Drill Core	1.35	<20	<0.9	0.2	147.7	0.8	14	<0.1	56.3	14.2	472	1.92	12.4	0.2	1.4	0.2	94	0.5	0.1	<0.1
REP 2625488	QC		<20	<0.9																	
2625754	Drill Core	3.95	<20	<0.9	0.3	2.6	5.7	125	<0.1	0.5	10.6	1553	2.83	2.8	0.3	<0.5	1.2	527	0.3	0.7	<0.1
REP 2625754	QC				0.3	2.9	5.4	126	<0.1	0.5	10.4	1566	2.86	2.8	0.3	<0.5	1.1	508	0.3	0.7	<0.1
2625761	Drill Core	4.23	<20	<0.9	0.1	13.1	8.4	84	<0.1	8.3	24.3	2082	4.53	4.6	0.2	1.1	0.4	95	0.3	1.1	0.2
REP 2625761	QC		<20	<0.9																	
2625764	Drill Core	2.25	<20	<0.9	3.7	464.6	35.7	319	4.6	7.2	24.7	3615	5.76	19.5	<0.1	142.5	0.2	96	0.7	1.7	6.3
REP 2625764	QC				3.6	466.3	34.1	309	4.5	6.8	23.4	3512	5.61	20.4	<0.1	291.4	0.2	95	0.7	1.7	5.9
Core Reject Duplicates																					
2625174	Drill Core	4.95	<20	<0.9	0.2	5.3	5.6	99	0.2	2.2	14.7	1135	4.04	8.5	0.1	166.1	0.6	88	<0.1	0.3	0.5
DUP 2625174	QC		<20	<0.9	0.2	5.7	5.5	79	0.2	2.0	14.4	1116	3.94	8.1	0.1	44.4	0.6	85	<0.1	0.3	0.5
2625432	Drill Core	2.05	<20	<0.9	0.2	38.1	7.3	91	0.9	3.2	24.7	684	3.25	2.0	0.2	1.1	0.3	28	0.3	0.2	<0.1
DUP 2625432	QC		<20	<0.9	0.2	37.3	7.1	88	0.9	3.1	22.5	673	3.08	2.1	0.2	<0.5	0.3	28	0.2	0.2	<0.1
2625466	Drill Core	4.48	<20	<0.9	<0.1	171.0	14.2	71	0.7	67.9	25.0	1454	2.76	3.0	0.4	1.4	0.3	289	0.3	0.6	<0.1



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QUALITY CONTROL REPORT

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Method Analyte Unit MDL	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2		
Pulp Duplicates																					
2625162	Drill Core	60	2.79	0.055	3	2	1.95	286	0.007	<20	1.88	0.061	0.15	<0.1	<0.01	7.3	<0.1	0.18	6	<0.5	<0.2
REP 2625162	QC																				
2625186	Drill Core	13	2.21	0.046	2	2	0.98	470	<0.001	<20	0.70	0.030	0.20	<0.1	<0.01	4.0	<0.1	0.98	1	<0.5	<0.2
REP 2625186	QC																				
2625196	Drill Core	60	4.32	0.071	7	1	1.12	132	0.009	<20	1.89	0.036	0.17	<0.1	<0.01	4.8	<0.1	0.06	5	<0.5	<0.2
REP 2625196	QC																				
2625445	Drill Core	26	2.69	0.096	5	<1	0.86	346	0.017	<20	0.77	0.020	0.19	<0.1	0.01	8.5	<0.1	0.08	3	<0.5	<0.2
REP 2625445	QC																				
2625450	Drill Core	18	3.03	0.022	<1	2	0.90	21	<0.001	<20	0.14	0.007	0.08	0.1	4.10	4.5	<0.1	8.24	1	11.4	<0.2
REP 2625450	QC																				
2625454	Drill Core	36	4.24	0.046	3	3	2.10	1153	0.006	<20	0.79	0.022	0.17	<0.1	<0.01	10.5	<0.1	<0.05	3	<0.5	<0.2
REP 2625454	QC																				
2625480	Rock Pulp	46	0.59	0.039	6	28	0.58	192	0.064	<20	1.04	0.072	0.19	21.5	3.99	3.0	1.0	1.34	4	1.3	0.8
REP 2625480	QC																				
2625488	Drill Core	124	10.97	0.043	2	58	0.73	19	0.143	32	2.92	0.009	0.03	<0.1	<0.01	7.0	<0.1	<0.05	10	<0.5	<0.2
REP 2625488	QC																				
2625754	Drill Core	17	3.03	0.072	5	<1	0.85	1748	0.010	<20	0.83	0.056	0.21	<0.1	<0.01	4.2	<0.1	0.06	2	<0.5	<0.2
REP 2625754	QC																				
2625761	Drill Core	106	3.75	0.038	4	10	2.74	294	0.027	<20	1.92	0.039	0.07	<0.1	<0.01	10.2	<0.1	<0.05	5	<0.5	<0.2
REP 2625761	QC																				
2625764	Drill Core	44	3.85	0.037	1	4	1.80	128	0.002	<20	2.32	0.012	0.21	0.2	0.02	4.7	0.1	1.84	4	<0.5	0.2
REP 2625764	QC																				
Core Reject Duplicates																					
2625174	Drill Core	31	3.17	0.056	2	3	1.34	294	0.003	<20	1.89	0.047	0.22	<0.1	<0.01	4.8	<0.1	0.61	4	<0.5	<0.2
DUP 2625174	QC																				
2625432	Drill Core	21	0.28	0.052	2	2	0.35	117	<0.001	<20	0.71	0.024	0.11	<0.1	0.02	3.5	<0.1	1.63	2	<0.5	<0.2
DUP 2625432	QC																				
2625466	Drill Core	76	7.94	0.056	3	149	2.44	4132	0.016	<20	1.83	0.026	0.08	<0.1	<0.01	14.1	<0.1	0.05	5	<0.5	<0.2



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Project: Dome Mountain
Report Date: February 23, 2016

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QUALITY CONTROL REPORT

Method	MA404	
Analyte	Zn	
Unit	%	
MDL	0.01	
Pulp Duplicates		
2625162	Drill Core	
REP 2625162	QC	
2625186	Drill Core	
REP 2625186	QC	
2625196	Drill Core	
REP 2625196	QC	
2625445	Drill Core	
REP 2625445	QC	
2625450	Drill Core	3.84
REP 2625450	QC	3.85
2625454	Drill Core	
REP 2625454	QC	
2625480	Rock Pulp	
REP 2625480	QC	
2625488	Drill Core	
REP 2625488	QC	
2625754	Drill Core	
REP 2625754	QC	
2625761	Drill Core	
REP 2625761	QC	
2625764	Drill Core	
REP 2625764	QC	
Core Reject Duplicates		
2625174	Drill Core	
DUP 2625174	QC	
2625432	Drill Core	
DUP 2625432	QC	
2625466	Drill Core	

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QUALITY CONTROL REPORT

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		WGHT	FA530	FA530	AQ200																
		Wgt	Ag	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	gm/t	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm							
0.01	20	0.9	0.1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1
DUP 2625466	QC	<20	<0.9	<0.1	168.9	14.1	68	0.7	65.3	25.2	1445	2.65	3.4	0.3	0.6	0.3	280	0.4	0.7	<0.1	
Reference Materials																					
STD AGPROOF	Standard	96	<0.9																		
STD AGPROOF	Standard	96	<0.9																		
STD AGPROOF	Standard	97	<0.9																		
STD AGPROOF	Standard	96	<0.9																		
STD AGPROOF	Standard	96	<0.9																		
STD DS10	Standard	12.0	151.0	140.7	353	1.7	70.3	12.0	852	2.59	43.3	2.1	93.4	5.9	52	2.5	8.2	10.9			
STD DS10	Standard	12.1	150.4	145.1	360	1.7	72.4	12.8	855	2.63	43.5	2.1	124.6	6.0	57	2.4	7.3	10.3			
STD DS10	Standard	13.9	153.4	147.1	378	1.9	71.0	13.0	893	2.73	48.6	2.7	188.7	7.3	70	2.7	8.0	12.5			
STD DS10	Standard	12.4	157.4	143.2	363	1.8	72.0	13.0	868	2.62	46.8	2.5	61.7	7.2	65	3.0	7.8	12.4			
STD DS10	Standard	12.7	154.8	136.8	350	1.8	68.4	12.4	847	2.62	43.2	2.3	62.2	6.2	59	2.4	6.8	11.6			
STD OREAS132A	Standard																				
STD OREAS134B	Standard																				
STD OREAS45EA	Standard	1.3	644.0	13.3	30	0.2	362.1	48.7	382	20.51	10.5	1.7	43.2	8.9	3	<0.1	0.4	0.2			
STD OREAS45EA	Standard	1.5	629.9	12.8	29	0.2	352.2	48.8	372	19.71	9.3	1.5	46.6	8.5	3	<0.1	0.3	0.2			
STD OREAS45EA	Standard	1.5	656.6	15.7	33	0.3	375.2	51.0	427	20.13	9.3	1.9	51.4	10.5	5	<0.1	0.3	0.3			
STD OREAS45EA	Standard	1.5	681.6	15.1	30	0.3	385.7	53.6	426	20.29	9.9	1.8	53.8	10.3	4	<0.1	0.3	0.3			
STD OREAS45EA	Standard	1.4	649.1	13.0	29	0.3	368.7	51.5	388	21.27	8.8	1.7	51.1	9.0	3	<0.1	0.3	0.2			
STD SP49	Standard	61	18.5																		
STD SP49	Standard	62	18.3																		
STD SP49	Standard	59	18.3																		
STD SP49	Standard	53	18.1																		
STD SP49	Standard	61	18.4																		
STD SQ70	Standard	153	39.7																		
STD SQ70	Standard	161	39.9																		
STD SQ70	Standard	157	39.7																		
STD SQ70	Standard	157	40.0																		
STD SQ70	Standard	157	39.8																		

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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QUALITY CONTROL REPORT

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		AQ200																			
		V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
DUP 2625466	QC	73	7.95	0.056	3	150	2.39	4235	0.015	<20	1.78	0.025	0.08	<0.1	<0.01	14.2	<0.1	<0.05	5	<0.5	<0.2
Reference Materials																					
STD AGPROOF	Standard																				
STD AGPROOF	Standard																				
STD AGPROOF	Standard																				
STD AGPROOF	Standard																				
STD AGPROOF	Standard																				
STD DS10	Standard	40	1.01	0.075	14	50	0.74	399	0.065	<20	0.93	0.064	0.32	3.4	0.26	2.4	4.9	0.29	4	1.7	5.2
STD DS10	Standard	40	1.02	0.078	14	50	0.74	401	0.068	<20	0.94	0.064	0.32	3.0	0.28	2.6	4.8	0.28	4	2.8	4.9
STD DS10	Standard	42	1.04	0.077	17	52	0.76	411	0.078	<20	0.99	0.065	0.32	3.0	0.29	2.8	5.1	0.30	4	2.8	5.0
STD DS10	Standard	40	1.00	0.073	17	55	0.75	400	0.075	<20	0.97	0.062	0.32	3.0	0.29	2.6	5.0	0.27	4	2.0	4.7
STD DS10	Standard	40	1.01	0.073	16	54	0.74	405	0.071	<20	0.95	0.065	0.32	3.2	0.25	2.6	5.1	0.28	4	2.8	4.8
STD OREAS132A	Standard																				
STD OREAS134B	Standard																				
STD OREAS45EA	Standard	292	0.03	0.029	6	831	0.08	147	0.084	<20	2.99	0.025	0.05	<0.1	0.01	68.6	<0.1	<0.05	12	<0.5	<0.2
STD OREAS45EA	Standard	289	0.03	0.024	6	760	0.07	142	0.081	<20	2.84	0.024	0.05	<0.1	0.01	65.7	<0.1	<0.05	11	0.7	<0.2
STD OREAS45EA	Standard	299	0.03	0.029	7	780	0.09	144	0.094	<20	2.99	0.020	0.05	<0.1	<0.01	72.4	<0.1	<0.05	12	<0.5	<0.2
STD OREAS45EA	Standard	308	0.04	0.026	7	839	0.09	146	0.098	<20	3.06	0.020	0.05	<0.1	<0.01	75.8	<0.1	<0.05	12	0.6	<0.2
STD OREAS45EA	Standard	297	0.03	0.026	6	842	0.09	147	0.087	<20	3.03	0.024	0.05	<0.1	<0.01	71.2	0.1	<0.05	10	<0.5	<0.2
STD SP49	Standard																				
STD SP49	Standard																				
STD SP49	Standard																				
STD SP49	Standard																				
STD SQ70	Standard																				
STD SQ70	Standard																				
STD SQ70	Standard																				
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STD SQ70	Standard																				



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Project: Dome Mountain
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QUALITY CONTROL REPORT

		MA404
		Zn
		%
DUP 2625466	QC	0.01
Reference Materials		
STD AGPROOF	Standard	
STD DS10	Standard	
STD OREAS132A	Standard	5.00
STD OREAS134B	Standard	18.03
STD OREAS45EA	Standard	
STD SP49	Standard	
STD SQ70	Standard	

VAN16000274.1



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QUALITY CONTROL REPORT

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	WGHT	FA530	FA530	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
	Wgt	Ag	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
	kg	gm/t	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	0.01	20	0.9	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1
STD AGPROOF Expected		94	0																	
STD SP49 Expected		60.2	18.34																	
STD SQ70 Expected		159.5	39.62																	
STD DS10 Expected				13.6	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	46.2	2.59	91.9	7.5	67.1	2.62	9	11.65
STD OREAS45EA Expected				1.6	709	14.3	31.4	0.26	381	52	400	23.51	10.3	1.73	53	10.7	3.5	0.03	0.32	0.26
STD OREAS132A Expected																				
STD OREAS134B Expected																				
BLK	Blank	<20	<0.9																	
BLK	Blank	<20	<0.9																	
BLK	Blank	<20	<0.9																	
BLK	Blank	<20	<0.9																	
BLK	Blank	<20	<0.9																	
BLK	Blank	<20	<0.9																	
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	0.4	1	<0.1	<0.1	<0.1	1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1
BLK	Blank																			
Prep Wash																				
ROCK-VAN	Prep Blank	<20	<0.9	0.6	4.3	1.4	35	<0.1	1.0	3.7	409	1.83	1.1	0.3	<0.5	2.2	28	<0.1	<0.1	<0.1
ROCK-VAN	Prep Blank	<20	<0.9	0.7	5.5	1.4	35	<0.1	1.3	3.6	420	1.87	1.1	0.4	<0.5	2.3	27	<0.1	<0.1	<0.1



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QUALITY CONTROL REPORT

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	AQ200 V ppm 2	AQ200 Ca %	AQ200 P %	AQ200 La ppm 1	AQ200 Cr ppm 1	AQ200 Mg %	AQ200 Ba ppm 0.01	AQ200 Ti %	AQ200 B ppm 0.001	AQ200 Al %	AQ200 Na %	AQ200 K %	AQ200 W ppm 0.01	AQ200 Hg ppm 0.1	AQ200 Sc ppm 0.1	AQ200 TI ppm 0.1	AQ200 S %	AQ200 Ga ppm 0.05	AQ200 Se ppm 1	AQ200 Te ppm 0.5	AQ200 ppm 0.2
STD AGPROOF Expected																					
STD SP49 Expected																					
STD SQ70 Expected																					
STD DS10 Expected	43	1.0625	0.0765	17.5	54.6	0.775	412	0.0817		1.0259	0.067	0.338	3.32	0.3	2.8	5.1	0.29	4.3	2.3	5.01	
STD OREAS45EA Expected	303	0.036	0.029	7.06	849	0.095	148	0.0984		3.13	0.02	0.053			78	0.072	0.036	12.4	0.78	0.07	
STD OREAS132A Expected																					
STD OREAS134B Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
Prep Wash																					
ROCK-VAN	Prep Blank	22	0.58	0.038	4	3	0.40	73	0.074	<20	0.95	0.104	0.10	0.1	<0.01	2.4	<0.1	<0.05	4	<0.5	<0.2
ROCK-VAN	Prep Blank	23	0.59	0.042	5	4	0.40	76	0.076	<20	0.94	0.100	0.10	0.1	<0.01	2.3	<0.1	<0.05	4	<0.5	<0.2



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QUALITY CONTROL REPORT

	MA404	Zn	%	0.01
STD AGPROOF Expected				
STD SP49 Expected				
STD SQ70 Expected				
STD DS10 Expected				
STD OREAS45EA Expected				
STD OREAS132A Expected		4.96		
STD OREAS134B Expected		18.03		
BLK	Blank			<0.01
Prep Wash				
ROCK-VAN	Prep Blank			
ROCK-VAN	Prep Blank			

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Submitted By: Daryl Hanson
Receiving Lab: Canada-Smithers
Received: February 18, 2016
Report Date: February 26, 2016
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CERTIFICATE OF ANALYSIS

VAN16000338.1

CLIENT JOB INFORMATION

Project: Dome Mountain
Shipment ID: ACME16-07

P.O. Number

Number of Samples: 65

SAMPLE DISPOSAL

RTRN-PLP Return

RTRN-RJT Return

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	61	Crush, split and pulverize 250 g rock to 200 mesh			VAN
SLBHP	4	Sort, label and box pulps			VAN
FA530	65	Lead collection fire assay fusion - gravimetric finish	30	Completed	VAN
AQ200	65	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN
DRPLP	65	Warehouse handling / disposition of pulps			VAN
DRRJT	61	Warehouse handling / Disposition of reject			VAN

ADDITIONAL COMMENTS

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

Invoice To: **Gavin Mines Inc.**
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CANADA

CC: Phillipstine Michell
Kevin Tattersall
Rob Boyce
Mathias Westphal

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Client: **Gavin Mines Inc.**

3431 19th Ave
PO Box 2080
Smithers BC V0J 2N0 CANADA

Project: Dome Mountain
Report Date: February 26, 2016

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CERTIFICATE OF ANALYSIS

VAN16000338.1

Method	Analyte	Unit	WGHT	FA530	FA530	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	
			Wgt	Ag	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
			kg	gm/t	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
		MDL	0.01	20	0.9	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1
2625888	Drill Core		4.95	<20	<0.9	0.3	44.1	551.1	512	1.6	3.4	12.9	1702	3.85	47.1	0.1	226.9	0.6	98	9.1	2.6	0.7
2625889	Drill Core		4.85	<20	<0.9	<0.1	112.3	788.3	1025	1.8	1.3	12.4	1592	3.55	31.8	0.1	898.0	0.7	116	18.2	0.7	1.2
2625890	Drill Core		2.54	<20	<0.9	0.1	13.9	7.6	259	0.4	1.2	12.9	2081	3.72	3.4	0.5	91.6	0.6	133	0.3	0.7	0.4
2625891	Drill Core		4.27	<20	<0.9	0.3	25.7	8.1	372	0.3	1.2	18.7	2353	3.58	5.6	<0.1	184.2	0.4	169	1.3	0.9	0.7
2625892	Rock Pulp		0.11	<20	7.6	71.7	1017.1	300.4	1249	7.0	68.0	15.8	416	3.17	132.8	0.7	4807.9	2.1	49	6.1	8.2	2.4
2625893	Drill Core		3.37	<20	<0.9	<0.1	6.6	4.2	630	<0.1	1.8	18.9	2161	4.68	3.9	<0.1	21.2	0.5	143	1.1	0.3	0.7
2625894	Drill Core		5.79	<20	<0.9	0.4	15.3	5.9	191	0.2	1.0	15.6	2902	3.77	8.5	<0.1	458.1	0.5	71	0.7	0.3	0.8
2625895	Drill Core		3.17	<20	<0.9	0.5	336.2	21.1	428	3.6	1.0	9.2	4401	3.41	30.6	<0.1	182.8	0.4	69	5.5	9.9	3.8
2625896	Drill Core		3.55	<20	<0.9	0.2	39.9	10.6	199	0.5	0.9	13.7	4119	3.64	11.8	<0.1	51.2	0.4	71	1.1	5.7	1.7
2625897	Drill Core		1.63	30	<0.9	92.6	3409.4	31.0	573	29.9	6.8	49.9	4478	8.40	714.6	<0.1	879.9	0.2	57	11.0	290.2	12.1
2625898	Drill Core		4.85	<20	<0.9	7.0	999.3	49.0	211	12.7	3.5	14.2	2900	4.28	207.4	<0.1	145.5	0.3	48	4.3	89.8	5.6
2625899	Drill Core		2.36	<20	<0.9	6.9	1233.8	45.2	229	13.6	3.9	15.8	2887	4.48	266.0	<0.1	106.6	0.4	45	5.0	90.7	5.6
2625900	Drill Core		2.74	<20	1.0	5.4	737.2	295.1	646	15.7	6.5	28.2	5547	6.42	135.9	<0.1	890.4	0.2	64	11.5	42.1	6.0
2625901	Drill Core		4.77	<20	<0.9	0.2	176.5	62.4	204	1.6	12.7	26.8	3780	5.27	41.2	<0.1	351.6	0.3	103	1.9	4.4	1.3
2625902	Drill Core		3.93	<20	5.5	0.4	317.0	240.0	942	6.2	5.0	19.7	5488	5.02	120.2	<0.1	5737.3	0.2	81	14.9	24.3	4.9
2625903	Drill Core		2.37	31	7.0	3.2	1730.2	2447.6	3497	33.2	4.7	15.0	3710	9.42	611.4	<0.1	6087.9	<0.1	46	57.3	172.4	9.8
2625904	Rock		0.84	<20	<0.9	<0.1	1.1	0.7	2	<0.1	0.2	<0.1	31	0.03	<0.5	1.1	0.9	<0.1	>2000	<0.1	0.1	<0.1
2625905	Drill Core		3.72	<20	<0.9	0.7	346.0	173.2	751	6.8	5.4	18.0	5194	5.44	148.1	<0.1	679.6	0.2	69	12.0	18.0	5.2
2625906	Drill Core		1.70	<20	<0.9	0.7	259.9	133.7	555	5.5	5.8	19.2	5199	5.64	126.0	<0.1	931.1	0.2	67	8.8	15.7	4.1
2625907	Drill Core		3.69	<20	2.4	0.5	344.5	610.5	1730	8.6	4.4	14.7	8042	4.89	146.9	<0.1	2495.8	0.2	82	26.9	31.3	4.4
2625908	Drill Core		4.07	<20	5.8	3.5	361.2	3226.9	3542	16.2	3.8	12.2	4478	11.20	400.5	<0.1	7253.6	<0.1	43	59.4	38.1	12.7
2625909	Drill Core		2.63	23	6.5	4.6	458.2	7622.0	9226	19.8	1.6	4.7	4421	5.80	232.1	<0.1	6645.3	<0.1	50	160.7	37.1	9.1
2625910	Drill Core		4.60	<20	<0.9	0.5	107.9	283.7	1131	2.4	4.4	17.4	5206	4.75	53.4	<0.1	614.4	0.3	74	17.3	2.3	1.7
2625911	Drill Core		4.30	<20	<0.9	0.3	90.6	44.2	428	1.2	3.9	17.6	5102	4.70	16.2	<0.1	165.4	0.2	89	4.6	1.0	1.8
2625912	Drill Core		5.69	<20	<0.9	0.1	30.4	12.9	167	0.4	0.8	21.7	1023	4.78	3.4	0.2	31.3	1.0	59	0.6	1.1	0.2
2625913	Rock Pulp		0.11	<20	7.6	72.3	1047.3	310.4	1267	7.5	70.1	16.4	430	3.23	129.0	0.8	7376.2	2.1	49	6.1	9.4	2.4
2625914	Drill Core		3.13	<20	<0.9	0.2	37.6	6.2	153	0.2	0.9	21.0	2453	4.49	6.8	0.1	8.0	0.5	56	0.4	2.4	1.3
2625915	Drill Core		2.91	<20	<0.9	0.3	20.7	28.2	168	0.6	0.9	15.0	4141	4.06	13.2	0.1	7.4	0.5	62	0.9	1.1	1.3
2625916	Drill Core		4.22	28	2.6	6.2	655.0	600.7	3848	32.1	1.8	13.2	5749	5.70	240.0	<0.1	3512.6	0.5	61	61.0	53.7	10.1
2625917	Drill Core		3.63	<20	<0.9	2.6	128.5	100.1	268	2.4	2.5	15.6	4038	4.25	27.9	<0.1	62.1	0.4	78	2.9	6.2	1.9

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Method	Analyte	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200								
		V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm							
MDL		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
2625888	Drill Core	25	3.88	0.052	2	<1	0.99	115	0.005	<20	1.91	0.069	0.40	0.1	0.09	3.5	0.1	1.89	4	1.2	<0.2
2625889	Drill Core	19	2.75	0.058	3	<1	1.12	322	0.001	<20	1.03	0.064	0.23	<0.1	0.30	3.8	<0.1	1.30	2	<0.5	<0.2
2625890	Drill Core	30	5.15	0.043	1	<1	1.86	886	0.002	<20	0.57	0.059	0.25	<0.1	0.01	6.9	0.1	0.44	1	<0.5	<0.2
2625891	Drill Core	14	4.23	0.068	2	<1	1.09	361	0.002	<20	0.48	0.043	0.24	<0.1	0.14	6.3	0.1	0.77	1	<0.5	<0.2
2625892	Rock Pulp	61	0.91	0.058	11	30	0.62	313	0.086	<20	1.17	0.075	0.12	29.6	0.79	3.8	0.6	0.60	4	2.1	0.5
2625893	Drill Core	34	2.66	0.068	2	1	2.04	782	0.003	<20	1.86	0.058	0.37	<0.1	0.05	8.2	0.1	0.48	4	<0.5	<0.2
2625894	Drill Core	10	3.50	0.067	2	<1	1.28	154	<0.001	<20	0.44	0.019	0.27	0.3	0.03	6.0	0.1	1.30	<1	<0.5	<0.2
2625895	Drill Core	12	4.36	0.065	1	<1	1.52	189	<0.001	<20	0.61	0.026	0.35	0.4	0.25	4.7	0.1	1.82	2	<0.5	0.3
2625896	Drill Core	10	4.44	0.067	1	<1	1.48	191	<0.001	<20	0.36	0.016	0.22	0.5	0.06	5.3	0.1	1.80	<1	<0.5	<0.2
2625897	Drill Core	8	4.02	0.041	<1	1	1.41	44	<0.001	<20	0.38	0.018	0.22	0.5	4.04	3.2	0.1	7.89	1	1.1	3.2
2625898	Drill Core	5	2.82	0.056	<1	<1	0.95	84	<0.001	<20	0.29	0.014	0.19	1.0	0.78	3.4	<0.1	3.68	<1	<0.5	1.6
2625899	Drill Core	7	2.76	0.066	1	1	0.92	105	<0.001	<20	0.48	0.020	0.29	0.7	0.98	3.7	0.1	3.91	1	<0.5	1.8
2625900	Drill Core	6	4.04	0.035	<1	<1	1.28	64	<0.001	<20	0.24	0.015	0.16	28.6	0.44	3.6	<0.1	5.27	<1	<0.5	1.3
2625901	Drill Core	29	5.60	0.055	1	3	2.26	96	<0.001	<20	0.61	0.023	0.35	0.7	0.07	11.8	0.2	0.82	1	<0.5	<0.2
2625902	Drill Core	12	5.20	0.036	<1	<1	1.74	46	<0.001	<20	0.30	0.010	0.20	>100	0.46	6.7	0.1	2.23	<1	<0.5	0.4
2625903	Drill Core	8	3.32	0.012	<1	2	0.98	38	<0.001	<20	0.21	0.010	0.13	53.0	1.74	2.0	<0.1	8.31	<1	<0.5	1.6
2625904	Rock	<2	31.53	0.004	<1	<1	1.71	6	<0.001	<20	0.03	0.001	<0.01	0.1	<0.01	0.2	<0.1	0.15	<1	<0.5	0.4
2625905	Drill Core	15	4.37	0.036	<1	1	1.37	91	<0.001	<20	0.53	0.022	0.32	>100	0.16	6.7	0.1	3.35	1	<0.5	1.0
2625906	Drill Core	11	4.34	0.035	<1	<1	1.37	59	<0.001	<20	0.32	0.015	0.21	>100	0.13	6.7	0.1	3.48	<1	<0.5	0.3
2625907	Drill Core	14	6.19	0.034	1	<1	1.91	67	<0.001	<20	0.33	0.013	0.23	>100	*	6.5	0.1	1.95	1	<0.5	0.3
2625908	Drill Core	10	3.08	0.033	<1	2	0.91	56	<0.001	<20	0.33	0.018	0.20	>100	*	3.0	0.1	>10	1	<0.5	2.2
2625909	Drill Core	5	3.32	0.021	<1	1	0.92	22	<0.001	<20	0.12	0.007	0.08	>100	1.04	1.5	<0.1	4.89	<1	<0.5	2.3
2625910	Drill Core	20	4.26	0.049	1	<1	1.41	88	<0.001	<20	0.62	0.032	0.35	43.4	0.13	6.9	0.2	1.64	2	<0.5	<0.2
2625911	Drill Core	20	4.69	0.042	1	<1	1.79	107	<0.001	<20	0.44	0.026	0.26	1.5	0.06	7.5	0.1	0.98	1	<0.5	<0.2
2625912	Drill Core	18	2.10	0.080	6	<1	0.63	822	0.039	<20	0.64	0.047	0.27	4.3	0.02	4.3	0.1	0.05	1	<0.5	<0.2
2625913	Rock Pulp	62	0.95	0.060	11	31	0.63	327	0.089	<20	1.17	0.076	0.13	31.4	0.92	3.9	0.6	0.61	4	1.3	0.5
2625914	Drill Core	11	3.10	0.076	2	<1	0.96	208	0.002	<20	0.39	0.019	0.21	1.3	0.10	3.7	<0.1	1.23	<1	<0.5	<0.2
2625915	Drill Core	14	4.26	0.073	2	<1	1.32	154	<0.001	<20	0.62	0.025	0.33	0.8	0.04	5.4	0.2	1.01	1	<0.5	<0.2
2625916	Drill Core	8	3.68	0.052	1	<1	1.07	69	<0.001	<20	0.34	0.018	0.21	2.2	2.14	3.6	0.1	5.11	1	<0.5	6.1
2625917	Drill Core	18	4.63	0.054	2	<1	1.44	115	<0.001	<20	0.54	0.021	0.31	1.2	0.19	6.3	0.2	1.44	1	<0.5	0.3

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			Wgt	Ag	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
			kg	gm/t	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
		MDL	0.01	20	0.9	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1
2625918	Drill Core		3.05	<20	<0.9	12.8	131.6	412.3	2117	4.5	0.9	4.5	6922	3.51	44.6	<0.1	133.2	0.4	88	35.0	13.0	3.3
2625919	Drill Core		4.12	<20	<0.9	1.5	174.8	627.9	2418	4.3	2.6	14.1	4798	4.37	43.0	<0.1	611.5	0.3	73	36.2	2.8	5.3
2625920	Drill Core		3.87	<20	<0.9	0.4	55.8	68.2	1484	1.4	4.5	22.8	8086	5.87	35.0	<0.1	431.1	0.2	81	16.5	1.0	2.1
2625921	Drill Core		3.21	<20	3.1	2.8	615.6	1117.9	1994	10.4	3.4	16.8	4489	6.60	190.9	<0.1	3101.8	0.1	58	32.4	22.4	9.8
2625922	Drill Core		4.91	<20	<0.9	0.6	111.0	28.1	170	1.1	3.8	17.1	4994	4.48	38.2	<0.1	597.4	0.2	80	1.5	3.2	3.2
2625923	Drill Core		3.15	<20	<0.9	1.3	2961.2	68.5	352	18.0	4.4	15.9	2994	4.74	382.7	<0.1	542.7	0.2	81	7.2	32.0	9.6
2625924	Drill Core		4.30	<20	<0.9	3.3	408.7	289.1	464	4.8	4.3	16.2	3682	4.39	78.8	<0.1	93.8	0.2	80	7.3	15.4	3.3
2625925	Drill Core		3.10	<20	<0.9	0.1	9.9	9.9	167	0.2	4.9	21.4	2433	4.64	4.6	<0.1	11.6	0.3	112	0.6	0.9	0.7
2625926	Drill Core		4.32	<20	<0.9	<0.1	3.2	4.6	181	<0.1	5.2	20.5	2683	4.52	2.0	<0.1	2.2	0.3	101	0.2	0.2	0.2
2625927	Drill Core		4.24	<20	<0.9	0.3	190.9	13.5	260	0.8	4.4	20.2	3332	4.64	6.7	<0.1	10.2	0.3	121	1.0	0.6	1.0
2625928	Drill Core		5.31	<20	<0.9	0.3	21.1	9.7	215	0.3	4.1	19.0	2730	4.48	8.4	<0.1	10.2	0.3	97	0.4	0.5	0.6
2625929	Rock Pulp		0.11	<20	9.8	905.0	57.3	9.9	58	1.3	29.4	12.4	369	3.28	18.1	0.3	7386.0	1.4	55	0.1	25.9	0.4
2625930	Drill Core		4.32	<20	<0.9	1.0	316.3	24.7	1963	1.6	4.5	19.9	5992	6.07	86.4	<0.1	450.2	0.2	106	26.0	11.7	5.3
2625931	Drill Core		3.55	<20	<0.9	0.7	157.5	44.7	1632	1.5	4.0	20.6	7052	6.09	81.5	<0.1	117.4	0.2	104	18.1	12.1	4.6
2625932	Drill Core		2.42	<20	6.4	4.6	581.2	1353.1	3696	16.5	3.8	18.9	7704	5.98	237.4	<0.1	12094.3	0.1	117	60.3	66.4	21.3
2625933	Drill Core		3.18	<20	<0.9	1.7	29.9	16.9	221	1.1	3.8	19.3	4195	4.61	13.8	<0.1	389.1	0.3	85	1.0	1.8	2.1
2625934	Drill Core		3.53	<20	<0.9	0.2	23.3	10.8	174	0.1	4.8	22.0	3525	4.74	4.2	<0.1	12.0	0.2	97	0.7	0.3	0.8
2625935	Drill Core		4.38	<20	<0.9	0.2	710.3	11.6	205	1.2	5.0	20.7	2757	4.65	41.3	<0.1	28.6	0.3	84	0.9	4.7	2.0
2625936	Drill Core		3.70	<20	<0.9	0.1	16.2	4.7	217	<0.1	4.3	18.9	2322	4.88	2.4	<0.1	5.8	0.4	73	0.4	0.1	0.2
2625937	Drill Core		4.32	<20	<0.9	0.7	2030.5	12.1	210	4.9	4.8	21.6	2007	5.98	3.9	<0.1	123.4	0.2	81	1.2	0.1	13.7
2625938	Drill Core		5.75	<20	<0.9	0.8	550.3	65.4	177	10.6	5.5	21.3	2011	6.09	5.1	<0.1	269.5	0.2	70	0.4	0.3	90.3
2625939	Drill Core		4.21	<20	<0.9	0.3	184.0	24.3	167	2.8	5.3	22.8	2005	5.34	3.4	<0.1	121.5	0.2	75	0.3	0.2	21.7
2625940	Drill Core		4.40	<20	<0.9	0.2	327.8	4.6	150	0.7	4.6	19.0	1695	4.47	1.8	<0.1	13.9	0.3	74	0.3	0.3	3.7
2625941	Rock		1.49	<20	<0.9	<0.1	0.9	0.2	1	<0.1	0.1	0.3	29	0.03	<0.5	1.1	1.2	<0.1	>2000	<0.1	<0.1	<0.1
2625942	Drill Core		4.62	<20	<0.9	0.5	71.9	11.3	262	0.8	4.7	23.1	1695	5.87	2.3	<0.1	29.7	0.3	85	0.1	0.6	67.0
2625943	Drill Core		4.78	<20	<0.9	<0.1	134.2	7.8	297	1.1	4.1	19.1	2073	4.60	1.5	<0.1	14.3	0.3	125	0.2	0.6	1.5
2625944	Drill Core		2.33	<20	<0.9	0.2	1211.8	5.7	284	1.4	4.3	20.9	2100	4.98	6.4	<0.1	49.6	0.3	73	0.3	1.5	2.9
2625945	Drill Core		2.24	<20	<0.9	<0.1	5.7	5.8	306	0.2	3.3	17.0	2496	4.63	1.0	<0.1	10.8	0.3	114	0.5	<0.1	0.4
2625946	Drill Core		2.30	<20	<0.9	0.2	88.6	6.3	327	9.4	4.6	20.4	1947	5.18	1.7	<0.1	542.9	0.3	108	0.4	0.8	5.9
2625947	Drill Core		5.67	<20	<0.9	0.5	63.9	5.3	416	0.2	5.5	23.6	2135	5.91	1.6	0.1	5.6	0.4	437	0.2	0.2	0.1

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Project: Dome Mountain
Report Date: February 26, 2016

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CERTIFICATE OF ANALYSIS

VAN16000338.1

Analyte	Method	AQ200																			
		V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
2625918	Drill Core	9	5.70	0.051	1	<1	1.92	64	<0.001	<20	0.27	0.015	0.17	2.8	1.11	4.9	0.1	1.32	<1	<0.5	0.6
2625919	Drill Core	12	3.81	0.054	<1	<1	1.24	105	<0.001	<20	0.48	0.020	0.30	91.8	0.92	5.5	0.2	2.12	1	<0.5	0.3
2625920	Drill Core	24	3.84	0.040	<1	<1	1.74	117	<0.001	<20	0.34	0.017	0.21	0.9	0.44	7.4	0.1	1.07	<1	<0.5	<0.2
2625921	Drill Core	14	3.09	0.033	<1	2	1.03	65	<0.001	<20	0.43	0.022	0.24	>100	0.48	4.3	0.1	4.97	1	<0.5	1.6
2625922	Drill Core	14	5.00	0.050	<1	<1	1.70	63	<0.001	<20	0.38	0.024	0.23	>100	0.05	7.4	0.1	1.51	<1	<0.5	0.3
2625923	Drill Core	21	4.74	0.043	<1	2	1.76	151	<0.001	<20	0.56	0.027	0.31	0.8	0.30	6.6	0.2	1.91	1	<0.5	4.8
2625924	Drill Core	19	4.94	0.047	<1	1	1.98	74	<0.001	<20	0.38	0.020	0.22	6.3	0.24	8.5	0.1	1.09	<1	<0.5	0.8
2625925	Drill Core	40	4.92	0.047	<1	<1	2.03	419	0.001	<20	0.51	0.036	0.21	0.4	0.03	11.6	0.1	0.52	1	<0.5	<0.2
2625926	Drill Core	41	4.62	0.048	3	2	2.14	538	0.005	<20	1.00	0.037	0.22	0.1	<0.01	11.0	0.2	<0.05	3	<0.5	<0.2
2625927	Drill Core	43	5.60	0.044	1	1	2.38	742	0.001	<20	0.60	0.021	0.23	0.4	0.08	8.4	0.2	0.35	1	<0.5	0.2
2625928	Drill Core	33	4.81	0.043	1	1	1.96	229	0.002	<20	0.42	0.025	0.17	0.3	0.03	8.7	0.1	0.31	<1	<0.5	<0.2
2625929	Rock Pulp	50	0.63	0.044	7	30	0.63	125	0.080	<20	1.09	0.076	0.20	22.3	3.31	3.8	1.1	1.37	4	1.3	0.8
2625930	Drill Core	37	6.33	0.031	<1	1	2.40	78	<0.001	<20	0.54	0.026	0.28	0.5	1.79	7.1	0.1	1.91	1	<0.5	<0.2
2625931	Drill Core	28	6.46	0.029	<1	<1	2.54	38	<0.001	<20	0.29	0.018	0.17	0.6	1.06	6.8	<0.1	1.74	<1	<0.5	<0.2
2625932	Drill Core	27	7.51	0.023	<1	<1	2.73	48	<0.001	<20	0.34	0.021	0.19	0.7	1.96	6.2	0.1	2.53	1	<0.5	2.0
2625933	Drill Core	23	5.10	0.045	1	<1	1.97	72	<0.001	<20	0.33	0.017	0.19	0.5	0.03	7.6	0.1	0.89	<1	<0.5	0.5
2625934	Drill Core	33	5.89	0.043	2	1	2.34	114	<0.001	<20	0.61	0.025	0.30	0.2	0.02	7.6	0.1	0.71	1	<0.5	<0.2
2625935	Drill Core	25	5.07	0.048	1	<1	2.05	165	<0.001	<20	0.37	0.015	0.21	0.4	0.13	6.4	0.1	1.34	<1	<0.5	0.4
2625936	Drill Core	49	3.87	0.049	3	<1	1.94	212	0.002	<20	0.59	0.047	0.27	<0.1	0.01	8.3	0.2	0.08	1	<0.5	<0.2
2625937	Drill Core	57	2.98	0.048	1	2	2.01	120	0.002	<20	1.23	0.042	0.16	<0.1	0.03	7.4	0.1	2.33	4	<0.5	6.5
2625938	Drill Core	42	2.53	0.045	<1	3	1.95	126	0.002	<20	1.51	0.039	0.26	0.1	0.07	6.6	0.2	3.27	4	<0.5	48.1
2625939	Drill Core	46	2.86	0.051	2	2	2.15	239	0.003	<20	1.59	0.039	0.22	<0.1	0.02	7.1	0.2	1.76	5	<0.5	11.4
2625940	Drill Core	58	2.63	0.049	3	2	1.83	309	0.002	<20	1.03	0.062	0.24	<0.1	0.04	7.4	0.2	0.79	3	<0.5	1.7
2625941	Rock	<2	33.14	0.003	<1	<1	1.44	7	<0.001	<20	0.03	0.002	<0.01	<0.1	<0.01	0.3	<0.1	0.12	<1	<0.5	0.2
2625942	Drill Core	72	2.19	0.048	1	3	2.17	182	0.002	<20	1.27	0.040	0.15	<0.1	0.05	7.6	0.1	1.64	4	<0.5	36.7
2625943	Drill Core	68	3.86	0.029	2	2	2.24	109	0.001	<20	0.60	0.055	0.18	<0.1	0.11	8.5	0.1	0.25	2	<0.5	0.7
2625944	Drill Core	53	2.81	0.053	2	1	1.86	94	0.001	<20	0.48	0.033	0.19	<0.1	0.06	7.5	0.2	0.60	1	<0.5	1.3
2625945	Drill Core	59	4.50	0.046	1	1	2.18	55	<0.001	<20	0.44	0.072	0.11	<0.1	0.01	10.6	<0.1	<0.05	1	<0.5	<0.2
2625946	Drill Core	79	2.50	0.046	1	4	2.12	591	0.002	<20	1.27	0.051	0.11	<0.1	0.03	12.4	<0.1	0.45	5	<0.5	5.2
2625947	Drill Core	117	1.95	0.050	3	5	2.60	2541	0.009	<20	2.31	0.076	0.12	<0.1	<0.01	12.4	<0.1	0.16	9	<0.5	<0.2

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Project: Dome Mountain
Report Date: February 26, 2016

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CERTIFICATE OF ANALYSIS

VAN16000338.1

Method	WGHT	FA530	FA530	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	
	Analyte	Wgt	Ag	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
	Unit	kg	gm/t	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	20	0.9	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1
2625948	Rock Pulp	0.11	<20	7.9	69.6	1033.8	301.9	1252	7.1	68.2	16.2	429	3.25	125.0	0.8	6471.6	2.1	49	5.4	8.4	2.2
2625949	Drill Core	5.31	<20	<0.9	0.5	73.3	6.6	413	0.2	5.0	23.4	2377	5.73	2.4	0.1	16.6	0.4	319	0.3	0.3	0.4
2625950	Drill Core	1.50	<20	<0.9	0.2	23.5	9.5	301	0.2	4.1	23.2	2909	5.71	3.4	<0.1	10.3	0.3	283	0.4	<0.1	0.9
2625951	Drill Core	5.03	<20	<0.9	0.4	75.9	10.1	436	0.2	5.3	25.2	2455	5.81	8.3	<0.1	96.8	0.4	165	2.2	1.3	0.7
2625952	Drill Core	3.52	<20	<0.9	0.1	4.2	6.7	348	<0.1	5.3	22.1	2166	5.56	2.9	0.2	6.9	0.5	86	0.2	0.4	<0.1



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CERTIFICATE OF ANALYSIS

VAN16000338.1

Method	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	
	Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm							
	MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
2625948	Rock Pulp	60	0.92	0.058	11	32	0.63	312	0.092	<20	1.16	0.072	0.12	30.4	0.83	4.1	0.6	0.56	4	1.6	0.5
2625949	Drill Core	101	2.69	0.054	2	4	2.53	396	0.003	<20	1.85	0.059	0.11	<0.1	0.01	11.6	<0.1	0.28	7	<0.5	<0.2
2625950	Drill Core	82	4.78	0.038	1	1	2.35	434	0.001	<20	0.48	0.070	0.11	<0.1	<0.01	9.9	<0.1	0.63	1	<0.5	<0.2
2625951	Drill Core	119	2.48	0.049	2	4	2.47	406	0.006	<20	2.08	0.066	0.09	<0.1	0.04	13.1	<0.1	0.80	8	<0.5	<0.2
2625952	Drill Core	115	3.32	0.043	3	3	2.35	208	0.013	<20	1.64	0.106	0.14	<0.1	<0.01	13.5	<0.1	<0.05	6	<0.5	<0.2



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QUALITY CONTROL REPORT

VAN16000338.1

Method Analyte Unit MDL	WGHT	FA530	FA530	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	
	Wgt	Ag	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	
	kg	gm/t	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
	0.01	20	0.9	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	
Pulp Duplicates																					
2625899	Drill Core	2.36	<20	<0.9	6.9	1233.8	45.2	229	13.6	3.9	15.8	2887	4.48	266.0	<0.1	106.6	0.4	45	5.0	90.7	5.6
REP 2625899	QC		<20	<0.9																	
2625903	Drill Core	2.37	31	7.0	3.2	1730.2	2447.6	3497	33.2	4.7	15.0	3710	9.42	611.4	<0.1	6087.9	<0.1	46	57.3	172.4	9.8
REP 2625903	QC				3.4	1787.0	2470.3	3542	34.9	4.4	15.2	3795	9.75	627.6	<0.1	7861.2	<0.1	47	61.8	177.1	9.9
2625933	Drill Core	3.18	<20	<0.9	1.7	29.9	16.9	221	1.1	3.8	19.3	4195	4.61	13.8	<0.1	389.1	0.3	85	1.0	1.8	2.1
REP 2625933	QC		<20	<0.9																	
2625938	Drill Core	5.75	<20	<0.9	0.8	550.3	65.4	177	10.6	5.5	21.3	2011	6.09	5.1	<0.1	269.5	0.2	70	0.4	0.3	90.3
REP 2625938	QC				0.8	558.5	65.9	172	10.5	5.0	21.1	2047	6.23	5.1	<0.1	255.5	0.2	74	0.6	0.3	88.7
2625952	Drill Core	3.52	<20	<0.9	0.1	4.2	6.7	348	<0.1	5.3	22.1	2166	5.56	2.9	0.2	6.9	0.5	86	0.2	0.4	<0.1
REP 2625952	QC				<0.1	4.2	6.8	363	<0.1	5.7	22.9	2180	5.66	2.8	0.2	6.5	0.5	89	0.3	0.3	<0.1
Core Reject Duplicates																					
2625907	Drill Core	3.69	<20	2.4	0.5	344.5	610.5	1730	8.6	4.4	14.7	8042	4.89	146.9	<0.1	2495.8	0.2	82	26.9	31.3	4.4
DUP 2625907	QC		<20	2.5	0.4	328.2	616.0	1668	8.4	5.0	14.6	8205	4.85	146.2	<0.1	2502.6	0.2	81	26.1	34.0	4.6
2625941	Rock	1.49	<20	<0.9	<0.1	0.9	0.2	1	<0.1	0.1	0.3	29	0.03	<0.5	1.1	1.2	<0.1	>2000	<0.1	<0.1	<0.1
DUP 2625941	QC		<20	<0.9	<0.1	1.1	0.1	4	<0.1	0.2	0.2	27	0.03	<0.5	1.1	1.1	<0.1	>2000	<0.1	<0.1	<0.1
Reference Materials																					
STD AGPROOF	Standard		95	<0.9																	
STD AGPROOF	Standard		94	<0.9																	
STD DS10	Standard				13.1	148.6	154.0	370	1.9	73.7	12.6	863	2.64	46.4	2.8	58.1	7.1	65	2.5	8.7	13.0
STD DS10	Standard				13.8	155.9	145.2	357	2.0	72.4	12.6	862	2.55	43.4	2.5	135.1	6.8	62	2.7	8.0	12.5
STD DS10	Standard				13.5	151.5	151.5	372	1.9	75.2	12.9	895	2.67	45.6	2.5	103.4	7.0	65	2.7	7.7	12.7
STD OREAS45EA	Standard				1.5	665.1	14.3	31	0.2	374.3	49.3	392	21.57	10.6	1.9	49.1	10.2	4	<0.1	0.4	0.3
STD OREAS45EA	Standard				1.6	646.0	15.2	34	0.3	372.4	50.7	386	20.78	10.5	1.9	56.7	10.5	4	<0.1	0.3	0.3
STD OREAS45EA	Standard				1.5	670.5	13.8	30	0.2	370.6	51.5	400	20.43	9.4	1.8	50.6	10.1	4	<0.1	0.3	0.3
STD SP49	Standard		58	18.4																	
STD SP49	Standard		61	18.4																	
STD SP49	Standard		61	18.3																	
STD SQ70	Standard		166	40.0																	

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QUALITY CONTROL REPORT

VAN16000338.1

Method Analyte Unit MDL	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																					
2625899	Drill Core	7	2.76	0.066	1	1	0.92	105	<0.001	<20	0.48	0.020	0.29	0.7	0.98	3.7	0.1	3.91	1	<0.5	1.8
REP 2625899	QC																				
2625903	Drill Core	8	3.32	0.012	<1	2	0.98	38	<0.001	<20	0.21	0.010	0.13	53.0	1.74	2.0	<0.1	8.31	<1	<0.5	1.6
REP 2625903	QC	8	3.40	0.012	<1	2	1.00	40	<0.001	<20	0.21	0.014	0.13	53.4	1.81	2.2	<0.1	8.39	<1	<0.5	1.6
2625933	Drill Core	23	5.10	0.045	1	<1	1.97	72	<0.001	<20	0.33	0.017	0.19	0.5	0.03	7.6	0.1	0.89	<1	<0.5	0.5
REP 2625933	QC																				
2625938	Drill Core	42	2.53	0.045	<1	3	1.95	126	0.002	<20	1.51	0.039	0.26	0.1	0.07	6.6	0.2	3.27	4	<0.5	48.1
REP 2625938	QC	43	2.57	0.047	<1	3	1.99	110	0.003	<20	1.54	0.040	0.26	0.1	0.06	6.6	0.2	3.32	4	<0.5	47.4
2625952	Drill Core	115	3.32	0.043	3	3	2.35	208	0.013	<20	1.64	0.106	0.14	<0.1	<0.01	13.5	<0.1	<0.05	6	<0.5	<0.2
REP 2625952	QC	117	3.36	0.047	3	3	2.36	211	0.013	<20	1.67	0.106	0.13	<0.1	<0.01	13.6	<0.1	<0.05	6	<0.5	<0.2
Core Reject Duplicates																					
2625907	Drill Core	14	6.19	0.034	1	<1	1.91	67	<0.001	<20	0.33	0.013	0.23	>100	*	6.5	0.1	1.95	1	<0.5	0.3
DUP 2625907	QC	11	6.25	0.033	1	<1	1.93	48	<0.001	<20	0.28	0.015	0.18	>100	*	6.4	0.1	1.89	1	<0.5	0.3
2625941	Rock	<2	33.14	0.003	<1	<1	1.44	7	<0.001	<20	0.03	0.002	<0.01	<0.1	<0.01	0.3	<0.1	0.12	<1	<0.5	0.2
DUP 2625941	QC	<2	32.53	0.002	<1	<1	1.43	6	<0.001	<20	0.02	0.002	<0.01	<0.1	<0.01	0.2	<0.1	0.11	<1	<0.5	0.3
Reference Materials																					
STD AGPROOF	Standard																				
STD AGPROOF	Standard																				
STD DS10	Standard	41	1.04	0.077	17	52	0.75	406	0.072	<20	0.97	0.066	0.32	2.9	0.29	2.7	5.5	0.29	4	1.9	5.1
STD DS10	Standard	40	1.00	0.068	16	51	0.75	389	0.069	<20	0.95	0.065	0.32	3.1	0.28	2.5	5.0	0.28	4	1.7	4.8
STD DS10	Standard	41	1.03	0.073	17	56	0.77	408	0.077	<20	0.98	0.064	0.32	3.0	0.30	2.7	5.1	0.28	4	2.1	4.8
STD OREAS45EA	Standard	301	0.03	0.029	7	803	0.09	148	0.095	<20	3.10	0.026	0.05	<0.1	0.01	72.5	<0.1	<0.05	12	1.0	<0.2
STD OREAS45EA	Standard	301	0.03	0.027	7	806	0.09	142	0.091	<20	3.02	0.026	0.05	<0.1	0.02	69.8	<0.1	<0.05	11	0.9	<0.2
STD OREAS45EA	Standard	300	0.04	0.029	7	801	0.10	137	0.095	<20	3.01	0.021	0.05	<0.1	0.01	74.2	<0.1	<0.05	13	0.7	<0.2
STD SP49	Standard																				
STD SP49	Standard																				
STD SP49	Standard																				
STD SQ70	Standard																				

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Bureau Veritas Commodities Canada Ltd.

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Client: **Gavin Mines Inc.**

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Smithers BC V0J 2N0 CANADA

Project: Dome Mountain
Report Date: February 26, 2016

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Part: 1 of 2

QUALITY CONTROL REPORT

VAN16000338.1

		WGHT	FA530	FA530	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
		Wgt	Ag	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
0.01	20	0.9	0.1	0.1	0.1	1	0.1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1
STD SQ70	Standard		156	39.9																	
STD SQ70	Standard		156	39.8																	
STD AGPROOF Expected			94	0																	
STD SP49 Expected			60.2	18.34																	
STD SQ70 Expected			159.5	39.62																	
STD DS10 Expected					13.6	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	46.2	2.59	91.9	7.5	67.1	2.62	9	11.65
STD OREAS45EA Expected					1.6	709	14.3	31.4	0.26	381	52	400	23.51	10.3	1.73	53	10.7	3.5	0.03	0.32	0.26
BLK	Blank		<20	<0.9																	
BLK	Blank		<20	<0.9																	
BLK	Blank		<20	<0.9																	
BLK	Blank				<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1
BLK	Blank				<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1
BLK	Blank				<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1
Prep Wash																					
ROCK-VAN	Prep Blank		<20	<0.9	0.4	3.6	8.2	33	<0.1	0.9	3.5	420	1.88	0.9	0.4	<0.5	2.3	32	<0.1	<0.1	<0.1
ROCK-VAN	Prep Blank		<20	<0.9	0.5	3.3	4.5	35	<0.1	1.2	3.5	411	1.81	1.1	0.3	<0.5	2.3	28	<0.1	<0.1	<0.1



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Project: Dome Mountain
Report Date: February 26, 2016

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QUALITY CONTROL REPORT

VAN16000338.1

		AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
		V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
		ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
STD SQ70	Standard																					
STD SQ70	Standard																					
STD AGPROOF	Expected																					
STD SP49	Expected																					
STD SQ70	Expected																					
STD DS10	Expected	43	1.0625	0.0765	17.5	54.6	0.775	412	0.0817		1.0259	0.067	0.338	3.32	0.3	2.8	5.1	0.29	4.3	2.3	5.01	
STD OREAS45EA	Expected	303	0.036	0.029	7.06	849	0.095	148	0.0984		3.13	0.02	0.053			78	0.072	0.036	12.4	0.78	0.07	
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	0.3	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
Prep Wash																						
ROCK-VAN	Prep Blank	22	0.64	0.040	5	2	0.38	85	0.077	<20	1.09	0.146	0.14	<0.1	<0.01	2.2	<0.1	<0.05	4	<0.5	<0.2	
ROCK-VAN	Prep Blank	22	0.56	0.044	5	2	0.39	75	0.072	<20	0.94	0.110	0.11	<0.1	<0.01	2.2	<0.1	<0.05	4	<0.5	<0.2	



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To: **GAVIN MINES INC**
910 - 475 WEST GEORGIA STREET
VANCOUVER BC V6M 4M9

Page: 1
Total # Pages: 2 (A - B)
Plus Appendix Pages
Finalized Date: 25- OCT- 2016
Account: GAVMIN

CERTIFICATE TR16175031

Project: Dome Mapping

This report is for 9 Rock samples submitted to our lab in Terrace, BC, Canada on 13-OCT-2016.

The following have access to data associated with this certificate:

KEVIN TATTERSALL

MATHIAS WESTPHAL

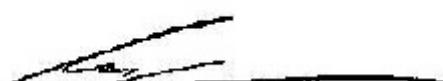
SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
LOG- 22	Sample login - Rcd w/o BarCode
CRU- 31	Fine crushing - 70%<2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%< 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
ME-XRF26	Whole Rock By Fusion/ XRF	XRF
OA-GRA05x	LOI for XRF	WST- SEQ

To: **GAVIN MINES INC**
ATTN: MATHIAS WESTPHAL
910 - 475 WEST GEORGIA STREET
VANCOUVER BC V6M 4M9

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****


Signature: *[Handwritten signature]*
Colin Ramshaw, Vancouver Laboratory Manager



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Project: Dome Mapping

CERTIFICATE OF ANALYSIS TR16175031

Sample Description	Method Analyte Units LOR	WEI-21	ME-XRF26													
		Revd Wt.	Al2O3	BaO	CaO	Cr2O3	Fe2O3	K2O	MgO	MnO	Na2O	P2O5	SO3	SO2	SrO	
		kg	%	%	%	%	%	%	%	%	%	%	%	%	TiO2	
DM-16-R1		1.63	19.04	0.12	2.48	<0.01	7.00	1.48	3.68	0.20	6.67	0.15	0.03	52.79	0.03	0.70
DM-16-R2		1.54	17.66	0.07	6.03	<0.01	10.08	1.82	5.68	0.28	2.43	0.20	<0.01	42.92	0.02	0.73
DM-16-R3		0.95	11.65	0.03	12.05	0.08	9.24	0.87	8.47	0.16	1.65	0.13	0.01	40.70	0.02	0.64
DM-16-R4		1.99	16.00	0.04	5.90	<0.01	8.41	1.38	5.66	0.20	1.88	0.11	<0.01	50.71	0.07	0.60
DM-16-R5		2.50	15.11	0.25	9.11	0.01	7.39	3.19	4.44	0.22	1.10	0.13	0.09	45.59	0.15	0.60
DM-16-R6		2.42	13.96	0.21	7.23	<0.01	7.05	3.25	3.49	0.14	1.28	0.11	0.02	51.42	0.08	0.59
DM-16-R7		1.74	11.72	0.02	11.35	0.01	5.40	0.30	1.84	0.13	5.81	0.12	1.50	49.70	0.04	0.43
DM-16-R8		1.93	18.09	0.01	2.94	<0.01	5.89	0.03	2.39	0.13	8.75	0.13	0.01	58.07	0.01	0.46
DM-16-R9		1.33	9.36	1.48	16.85	<0.01	3.65	1.59	0.20	0.14	2.34	0.07	0.80	48.50	0.03	0.27



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Project: Dome Mapping

CERTIFICATE OF ANALYSIS TR16175031

Sample Description	Method Analyte Units LOR	ME-XRF26 OA-GRA05x Total % 0.01	LOI 1000 % 0.01
DM- 16- R1		99.81	5.32
DM- 16- R2		99.91	11.87
DM- 16- R3		99.28	13.48
DM- 16- R4		99.30	8.27
DM- 16- R5		99.52	12.06
DM- 16- R6		100.30	11.38
DM- 16- R7		100.10	11.66
DM- 16- R8		100.40	3.44
DM- 16- R9		99.37	14.06



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Project: Dome Mapping

CERTIFICATE OF ANALYSIS TR16175031

CERTIFICATE COMMENTS									
Applies to Method:	<p style="text-align: center;">LABORATORY ADDRESSES</p> <p>Processed at ALS Terrace located at 2912 Molitor Street, Terrace, BC, Canada.</p> <table><tr><td>CRU- 31</td><td>CRU- QC</td><td>LOG- 22</td><td>PUL- 31</td></tr><tr><td>PUL- QC</td><td>SPL- 21</td><td>WEI- 21</td><td></td></tr></table>	CRU- 31	CRU- QC	LOG- 22	PUL- 31	PUL- QC	SPL- 21	WEI- 21	
CRU- 31	CRU- QC	LOG- 22	PUL- 31						
PUL- QC	SPL- 21	WEI- 21							
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table><tr><td>ME- XRF26</td><td>OA- GRA05x</td></tr></table>	ME- XRF26	OA- GRA05x						
ME- XRF26	OA- GRA05x								



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QC CERTIFICATE TR16175031

Project: Dome Mapping

This report is for 9 Rock samples submitted to our lab in Terrace, BC, Canada on 13-OCT-2016.

The following have access to data associated with this certificate:

KEVIN TATTERSALL

MATHIAS WESTPHAL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
LOG- 22	Sample login - Rcd w/o BarCode
CRU- 31	Fine crushing - 70%<2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%< 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-XRF26	Whole Rock By Fusion/ XRF	XRF
OA-GRA05x	LOI for XRF	WST- SEQ

To: **GAVIN MINES INC**
ATTN: MATHIAS WESTPHAL
910 - 475 WEST GEORGIA STREET
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: Dome Mapping

QC CERTIFICATE OF ANALYSIS TR16175031

Sample Description	Method Analyte Units LOR	ME-XRF26	Total													
		Al2O3	BaO	CaO	Cr2O3	Fe2O3	K2O	MgO	MnO	Na2O	P2O5	SO3	SO2	SrO	TiO2	%
		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
STANDARDS																
OREAS 401		2.35	<0.01	0.09	0.01	65.10	0.01	0.06	0.01	0.02	0.23	0.06	24.67	<0.01	0.25	99.59
Target Range - Lower Bound		2.23	<0.01	0.07	<0.01	63.78	<0.01	0.04	<0.01	<0.01	0.21	0.03	24.17	<0.01	0.21	<0.01
Upper Bound		2.49	0.02	0.12	0.03	66.70	0.03	0.09	0.03	0.04	0.27	0.08	25.59	0.02	0.28	0.02
SARM-43																
Target Range - Lower Bound																
Upper Bound																
SCH-1																
Target Range - Lower Bound																
Upper Bound																
SY-4		20.84	0.04	7.95	<0.01	6.23	1.66	0.55	0.11	7.12	0.12	0.04	49.80	0.13	0.28	99.52
Target Range - Lower Bound		20.07	<0.01	7.74	<0.01	5.95	1.56	0.49	0.08	6.81	0.10	0.02	48.70	0.11	0.25	97.31
Upper Bound		21.31	0.06	8.36	0.02	6.47	1.76	0.59	0.13	7.39	0.16	0.06	51.10	0.17	0.32	101.30
BLANKS																
BLANK		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	99.97	<0.01	<0.01	99.97
Target Range - Lower Bound		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Upper Bound		0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
BLANK																
Target Range - Lower Bound																
Upper Bound																
DUPликates																
DM-16-R9		9.36	1.48	16.85	<0.01	3.65	1.59	0.20	0.14	2.34	0.07	0.80	48.50	0.03	0.27	99.37
DUP		9.41	1.48	16.85	<0.01	3.67	1.58	0.22	0.14	2.34	0.07	0.77	48.64	0.03	0.27	99.56
Target Range - Lower Bound		9.23	1.43	16.60	<0.01	3.60	1.54	0.20	0.13	2.27	0.06	0.74	47.83	0.02	0.25	98.46
Upper Bound		9.54	1.53	17.10	0.02	3.72	1.63	0.22	0.15	2.41	0.08	0.83	49.31	0.04	0.29	100.45



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Finalized Date: 25- OCT- 2016
Account: GAVMIN

Project: Dome Mapping

QC CERTIFICATE OF ANALYSIS TR16175031

Sample Description	Method Analyte Units LOR	OA- GRA05x LOI 1000 % 0.01
OREAS 401		
Target Range - Lower Bound		
Upper Bound		
SARM- 43		47.69
Target Range - Lower Bound		45.67
Upper Bound		50.49
SCH- 1		2.64
Target Range - Lower Bound		2.56
Upper Bound		2.85
SY- 4		
Target Range - Lower Bound		
Upper Bound		
BLANK		
Target Range - Lower Bound		
Upper Bound		
BLANK		-0.02
Target Range - Lower Bound		<0.01
Upper Bound		0.02
DM- 16- R9		14.06
DUP		14.15
Target Range - Lower Bound		13.74
Upper Bound		14.47



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910 - 475 WEST GEORGIA STREET
VANCOUVER BC V6M 4M9

Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 25- OCT- 2016
Account: GAVMIN

Project: Dome Mapping

QC CERTIFICATE OF ANALYSIS TR16175031

CERTIFICATE COMMENTS									
Applies to Method:	<p style="text-align: center;">LABORATORY ADDRESSES</p> <p>Processed at ALS Terrace located at 2912 Molitor Street, Terrace, BC, Canada.</p> <table><tr><td>CRU- 31</td><td>CRU- QC</td><td>LOG- 22</td><td>PUL- 31</td></tr><tr><td>PUL- QC</td><td>SPL- 21</td><td>WEI- 21</td><td></td></tr></table>	CRU- 31	CRU- QC	LOG- 22	PUL- 31	PUL- QC	SPL- 21	WEI- 21	
CRU- 31	CRU- QC	LOG- 22	PUL- 31						
PUL- QC	SPL- 21	WEI- 21							
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table><tr><td>ME- XRF26</td><td>OA- GRA05x</td></tr></table>	ME- XRF26	OA- GRA05x						
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CDN Resource Laboratories Ltd.

#2, 20148 – 102nd Avenue, Langley, B.C., Canada, V1M 4B4, 604-882-8422, Fax: 604-882-8466 (www.cdnlabs.com)

REFERENCE MATERIAL: CDN-GS-7E

Recommended value and the "Between Laboratory" two standard deviations

Gold	7.40 g/t ± 0.57 g/t	30g FA, instrumental	Certified value
Gold	7.32 g/t ± 0.50 g/t	30g FA, gravimetric	Certified value

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: November 4, 2011

ORIGIN OF REFERENCE MATERIAL:

Standard CDN-GS-7E was prepared using 762 kg of a blank granitic ore and 38 kg of a high grade gold ore.

METHOD OF PREPARATION:

Reject ore material was dried, crushed, pulverized and then passed through a 270 mesh screen. The +270 material was discarded. The -270 material was mixed for 5 days in a double-cone blender. Splits were taken and sent to 15 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	Lab 14	Lab 15
Instrumental	Au g/t														
GS-7E-1	6.74	6.91	7.60	7.13	7.54	7.44	7.73		8.24	7.14	7.10			7.71	
GS-7E-2	7.07	6.47	7.55	7.27	7.53	7.47	7.81		7.80	7.15	7.21			7.54	
GS-7E-3	7.06	7.04	7.60	7.08	7.49	7.64	7.67		7.96	7.28	7.19			7.64	
GS-7E-4	7.25	7.33	7.55	7.36	7.53	7.63	7.63		7.72	7.40	6.80			7.40	
GS-7E-5	7.28	6.85	7.70	7.37	7.57	7.63	7.84		7.93	7.20	7.33			7.52	
GS-7E-6	7.08	7.39	7.80	7.21	7.64	7.41	7.52		7.97	7.30	7.20			7.42	
GS-7E-7	7.15	6.94	7.55	7.31	7.07	7.21	7.87		7.35	7.25	6.84			7.70	
GS-7E-8	7.14	7.20	7.60	7.40	7.93	7.07	7.51		8.35	7.18	6.83			7.30	
GS-7E-9	7.10	7.21	7.60	7.20	7.31	7.50	7.50		8.03	7.37	6.79			7.53	
GS-7E-10	7.34	6.97	7.45	7.25	7.61	7.19	7.90		7.89	7.27	7.17			7.65	
Mean	7.12	7.03	7.60	7.26	7.52	7.42	7.70		7.92	7.25	7.05			7.54	
Std. Dev'n	0.1649	0.2707	0.0943	0.1060	0.2208	0.1997	0.1545		0.2752	0.0882	0.2069			0.1380	
% RSD	2.32	3.85	1.24	1.46	2.94	2.69	2.01		3.47	1.22	2.94			1.83	
Gravimetric	Au g/t														
GS-7E-1	7.42	7.44	7.67	7.16	7.14	7.47	7.29	7.23	7.66		7.03	7.20	6.86	7.23	7.35
GS-7E-2	7.76	7.27	7.80	7.60	7.49	7.53	7.40	7.02	7.39		7.03	7.36	7.01	6.97	7.89
GS-7E-3	7.61	7.44	7.88	7.43	7.57	7.65	7.29	7.40	7.32		6.75	7.09	6.95	7.19	7.41
GS-7E-4	7.24	7.54	7.53	7.40	7.39	7.47	7.41	7.18	7.58		6.92	7.47	7.06	7.48	7.48
GS-7E-5	7.57	7.23	7.77	7.61	7.16	7.54	7.23	7.23	7.82		6.74	7.62	7.16	7.37	6.83
GS-7E-6	7.54	7.13	7.67	7.19	7.59	7.51	7.53	7.39	7.49		6.71	7.28	6.86	7.04	6.92
GS-7E-7	7.37	7.44	7.80	7.20	7.23	7.36	7.63	7.08	7.31		6.85	7.11	6.85	7.55	7.14
GS-7E-8	7.02	7.23	7.80	7.27	7.34	7.13	7.49	7.11	7.26		6.95	7.50	6.83	7.52	7.37
GS-7E-9	7.59	7.20	7.60	7.23	7.36	7.47	7.41	7.20	7.59		7.06	7.65	7.18	7.02	6.83
GS-7E-10	7.68	7.20	7.67	7.29	7.28	7.10	7.19	6.96	7.86		6.93	7.36	6.97	7.33	6.84
Mean	7.48	7.31	7.72	7.34	7.36	7.42	7.39	7.18	7.53		6.90	7.36	6.97	7.27	7.21
Std. Dev'n	0.2221	0.1393	0.1082	0.1654	0.1587	0.1785	0.1389	0.1441	0.2105		0.1290	0.1974	0.1284	0.2146	0.3551
% RSD	2.97	1.90	1.40	2.25	2.16	2.40	1.88	2.01	2.80		1.87	2.68	1.84	2.95	4.93

Some laboratories did not report results by both gravimetric and instrumental finishes.

REFERENCE MATERIAL: CDN-GS-7E

APPROXIMATE CHEMICAL COMPOSITION (by whole rock analysis):

	Percent		Percent
SiO ₂	71.2	Na ₂ O	2.5
Al ₂ O ₃	10.4	MgO	1.6
Fe ₂ O ₃	6.6	K ₂ O	1.3
CaO	2.8	TiO ₂	0.5
MnO	0.1	LOI	2.3
Total S	0.6	Total C	0.3

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 ± 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, B.C., Canada
Activation Laboratories, Ancaster, Ontario, Canada
Activation Laboratories, Stewart, B.C., Canada
Activation Laboratories, Thunder Bay, Ontario, Canada
ALS Chemex, North Vancouver, B.C., Canada
AGAT, Mississauga, Ontario, Canada
AHK, Alaska, USA
CIMM Peru SA
Inspectorate, Richmond, B.C., Canada
Omac, Ireland
Skyline Laboratory, Arizona, USA
SGS – Lima, Peru
Stewart Group, Kamloops, B.C., Canada
Alex Stewart Argentina SA
TSL Laboratories Ltd., Saskatoon, SK, Canada

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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
Duncan Sanderson, Certified Assayer of B.C.

Geochemist

Barry Smee
Dr. Barry Smee, Ph.D., P. Geo.

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GOLD ORE REFERENCE STANDARD: CDN-GS-9A

Recommended value and the "Between Laboratory" two standard deviations

Gold concentration: 9.31 ± 0.69 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: October 11, 2011

ORIGIN OF REFERENCE MATERIAL:

Standard CDN-GS-9A was prepared using ore supplied by Williams Operating Corporation from their Williams Mine in Ontario, Canada.

METHOD OF PREPARATION:

Reject ore material 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 15 commercial laboratories for round robin assaying. Round robin results are displayed below:

Sample	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	Lab 14	Lab 15
	Au gpt														
GS-9A-1	8.90	9.35	9.54	9.39	9.17	9.27	9.90	8.81	10.28	11.11	9.05	9.26	9.64	9.15	10.20
GS-9A-2	8.90	9.82	8.95	9.58	9.10	9.33	9.53	9.06	9.51	10.63	8.88	9.50	9.81	8.91	9.95
GS-9A-3	9.00	9.68	9.47	9.45	8.93	9.42	9.00	9.00	9.66	9.82	8.78	9.26	9.93	8.17	10.40
GS-9A-4	9.40	9.31	9.24	8.83	9.08	9.58	9.53	8.80	10.84	10.03	8.85	9.49	9.78	9.34	9.92
GS-9A-5	9.00	9.17	9.32	9.52	8.85	9.57	8.99	9.09	9.61	9.99	9.19	9.30	9.74	9.16	9.88
GS-9A-6	8.70	9.88	9.06	9.27	9.01	9.23	9.87	8.86	10.07	9.89	8.78	9.57	9.80	8.72	10.60
GS-9A-7	8.80	9.67	9.10	9.30	8.89	9.23	9.28	8.61	9.61	9.71	8.61	9.39	9.62	9.20	9.93
GS-9A-8	9.20	9.50	9.15	9.52	9.02	9.32	9.67	9.02	10.39	9.67	9.12	9.58	9.57	9.34	9.87
GS-9A-9	9.10	9.45	9.06	9.36	9.04	9.02	9.36	8.88	10.20	9.67	8.85	9.28	9.47	9.19	10.30
GS-9A-10	9.10	9.49	9.29	9.94	8.94	9.32	9.12	9.19	9.69	9.86	9.12	9.42	9.83	8.82	10.40
Mean	9.01	9.53	9.22	9.42	9.00	9.33	9.43	8.93	9.99	10.04	8.92	9.41	9.72	9.00	10.15
Std. Dev.	0.202	0.228	0.190	0.281	0.101	0.166	0.332	0.171	0.439	0.469	0.188	0.126	0.140	0.360	0.268
%RSD	2.25	2.39	2.06	2.99	1.12	1.78	3.53	1.92	4.40	4.67	2.10	1.34	1.44	3.99	2.64

Assay Procedure: all assays were fire assay, gravimetric finish on 30g samples.

Results from Laboratory 15 were excluded for failing the t test.

APPROXIMATE CHEMICAL COMPOSITION (by whole rock analysis):

	Percent			Percent
SiO ₂	69.4		Na ₂ O	2.2
Al ₂ O ₃	11.6		MgO	1.6
Fe ₂ O ₃	5.6		K ₂ O	2.3
CaO	2.2		TiO ₂	0.4
MnO	0.1		LOI	3.0
S	1.5		C	0.2

GOLD ORE REFERENCE STANDARD: CDN-GS-9A

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 ± 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.

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AGAT, Mississauga, Ontario, Canada
AHK Geochem, Alaska, USA
Alex Stewart Group, Kamloops, B.C., Canada
Alex Stewart Argentina SA
ALS Chemex, North Vancouver, Canada
CIMM, Peru
Inspectorate, Richmond, B.C., Canada
Omac Laboratory, Ireland
Skyline Assayers & Laboratories Ltd, Arizona, USA
SGS, Lima, Peru
TSL Laboratories Ltd., Saskatoon, Canada

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Certified by

Duncan Sanderson

Duncan Sanderson, Certified Assayer of B.C.

Geochemist

Barry Smee

Dr. Barry Smee, Ph.D., P. Geo.