

TYPE OF REPORT (type of survey(s))	TOTAL COST	\$17,411.66
Geochemical Sampling and Mapping		

AUTHOR(S) _____ SIGNATURE(S) _____
R. T. Henneberry "signed and sealed"

NOTICE OF WORK NUMBER(S) / DATE(S) _____ YEAR OF WORK 2017

STATEMENT OF WORK – CASH PAYMENT EVENT NUMBERS / DATE(S) 5660699

PROPERTY NAME Princeton Project

CLAIM NAME(S) (on which work was done) Placer Creek 4 577668, Placer Mt NW 1036473, 1036477,
Placer Creek E 1053412, Placer Mt 1053414

COMMODITIES SOUGHT Gold

MINERAL INVENTORY MINFILE NUMBERS, IF KNOWN _____

MINING DIVISION Similkameen

NTS: 092H/01, 092H/02 TRIM 092H018, 092H028

LATITUDE _____ LONGITUDE _____ (at centre of work)
NORTHING 5451500 EASTING 685500 UTM ZONE 10 MAP DATUM NAD 83

OWNER 1 Sydney Wilson OWNER 2 _____

MAILING ADDRESS _____
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Vancouver, B.C. V6G 1S2 _____

OPERATORS (who paid for work) _____
Tasca Resources Ltd. _____

MAILING ADDRESS _____
Suite 830 – 1100 Melville Street _____
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PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size, attitude)
The Princeton Project is largely underlain by Eocene Princeton volcanoclastics and intrusives with Triassic Nicola Group volcanoclastics and clastics in two outliers in the northern section of the claim block. Road soil sampling was completed over northern section of quartz corridor, with some success.

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS
30654, 31762, 31933, 31962, 32838, 34468, 35073, 36108

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (In Metric Units)	On Which Claims	Project Costs Apportioned
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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 98 1036473, 1036477, 1053412, 1053414
- Silt
- Rock
- Other

DRILLING

(total metres, number of holes, size)

- Core
- Non-core

RELATED TECHNICAL

- Sampling / assaying
- 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)
- Other

TOTAL COST **\$17,411.66**

**MAMMOTH
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2017 GEOCHEMICAL REPORT

PRINCETON PROJECT

Located in the Princeton Area, British Columbia
Similkameen Mining Division
TRIM Sheets 092H018, 092H028
UTM (NAD 83) ZONE 10 684500E 5448000N

FOR

TASCA RESOURCES LTD.
Suite 800 - 1100 Melville Street
Vancouver, BC V6C 4A6

By: R. Tim Henneberry, P.Geo.
October 31, 2017

SUMMARY

The Princeton Property is being explored for auriferous, polymetallic, quartz vein mineralization. The 4,583 hectare property is road accessible and located approximately 35 kilometres south of Princeton, British Columbia. Tasca Resources Ltd. is earning a 100% interest, subject to a 2% Net Smelter Return (NSR) royalty by make cash payments of \$30,000, issuing 2,000,000 shares and completing \$1,200,000 in exploration expenditures over the next 4 years.

The Princeton Project lies within an area of high geological potential in the Princeton area. While most of the focus has been on porphyry copper, prior exploration conducted by the property vendor and on the vendor's behalf by Windfire Capital Corp., suggests that the Princeton Project and surrounding area have excellent potential to host vein-hosted gold mineralization.

The property is largely underlain by Eocene Princeton Group volcanics with lesser Triassic Nicola Group rocks. The andesitic volcanics and fine clastic sediments of the Nicola Group outcrop as two distinct outliers in the northern section of the property: predominantly andesitic volcanics in the northwest and interbedded andesitic volcanics and fine clastic sediments in the northeast. The Princeton Group rocks outcrop through most of the claim block and consist largely of andesitic volcanics, ranging from fine grained through fragmental to agglomeratic, and a dacitic intrusive. In addition, smaller areas are underlain by rhyolite and tephra units and mafic and granodiorite intrusives.

The 2017 program that forms the basis of this report was directed at testing the strike extension of the newly highlighted Quartz Corridor, trending through the east central section of the property. A total of 98 road soil samples were taken in two areas, with the samples taken in Area 2a, the northern extension of the Quartz Corridor, returning anomalous gold-in-soil through a large section of the length traversing across the corridor.

The main focus of future exploration has to be Area 2, with trenching and drilling to follow up the 2011 results. In addition the 2015 and 2017 work has shown the suspected quartz corridor has gold potential in the northern section, Area 2a. This needs to be followed up with a soil geochemistry and prospecting program away from the roads into the hills.

Area 2 requires excavator trenching to bedrock in the vicinity of the quartz veins. All exposures should be chip sampled. Diamond drilling should follow up the trenching results. Area 2a needs a soil survey and prospecting program. A soil program at 50 metre lines by 25 metre sample spacings should be initiated covering 1500 metres by 1500 metres, resulting in 1800 samples. The grid should also be prospected in its entirety. The cost of the trenching and soil program is estimated at \$225,000.

The cost of the July - August 2017 sampling program was \$17,411.66.

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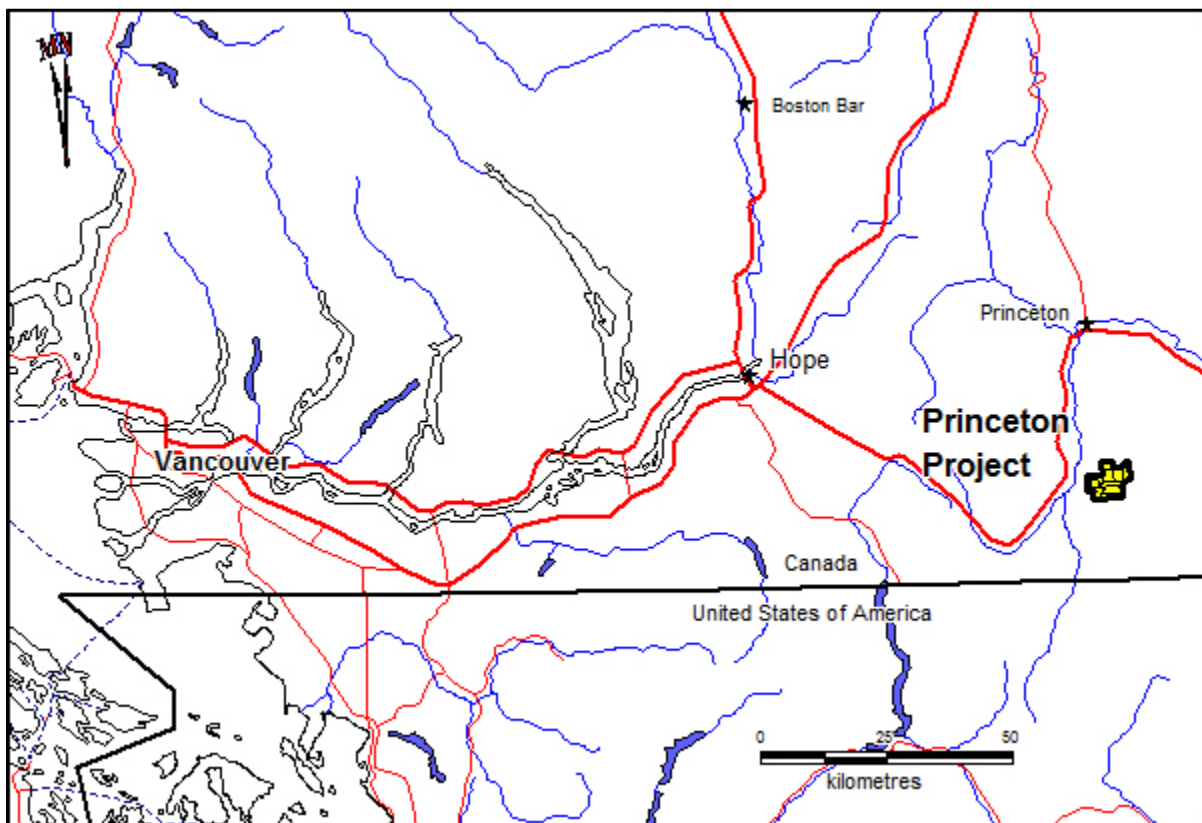
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INTRODUCTION

The purpose of this Technical Report is to compile the results from the 2017 exploration program for assessment credits and make recommendations for further exploration. This report was commissioned by Mr. Clive Massey, the CEO of Tasca Resources Ltd.

The author's geological consulting company completed a program of road soil sampling over two areas within the claim block. The data presented in this report was collected during this program.

The author, R. Tim Henneberry, P.Geo., who serves as the Qualified Person for this technical report, visited the site on August 3, 2017 for one day.



Projection NAD 83 Zone 10

Figure 1. Property Location

RELIANCE ON OTHER EXPERTS

The author is not relying on a report or opinion of any experts. The ownership of the claims, comprising the property, and the ownership of surrounding claims has been taken from the Mineral Titles Online database maintained by the British Columbia Ministry of Energy and Mines. The database was examined on October 7, 2017 and data on this site is assumed to be correct.

The section concerning the History of the property area has been taken from the British Columbia Ministry of Energy and Mines Assessment Files. The geological assessment reports have been written by competent geologists and engineers in accordance with the industry standards of the day. Litho-geochemical, soil and stream silt analyses were completed by reputable Canadian assay labs, also, in accordance with industry standards of the day.

Table 1. Current List of Tenures

Tenure Number	Claim Name	Owner	Issue Date	Good To Date	Area (ha)
1036473	PLACER MT NW	129188 (100%)	2015/jun/02	2018/aug/23	527.84
1036477		129188 (100%)	2015/jun/02	2018/aug/23	506.71
1036483	PLACER MT NE	129188 (100%)	2015/jun/02	2018/aug/23	527.79
1053411	PLACER CREEK W	129188 (100%)	2017/jul/25	2018/aug/23	168.92
1053412	PLACER CREEK E	129188 (100%)	2017/jul/25	2018/aug/23	422.35
1053413	PLACER CREEK S	129188 (100%)	2017/jul/25	2018/aug/23	485.88
1053414	PLACER MT	129188 (100%)	2017/jul/25	2018/aug/23	950.52
1053415	PLACER MT S	129188 (100%)	2017/jul/25	2018/aug/23	422.58
	8 claims				4012.58

PROPERTY DESCRIPTION AND LOCATION

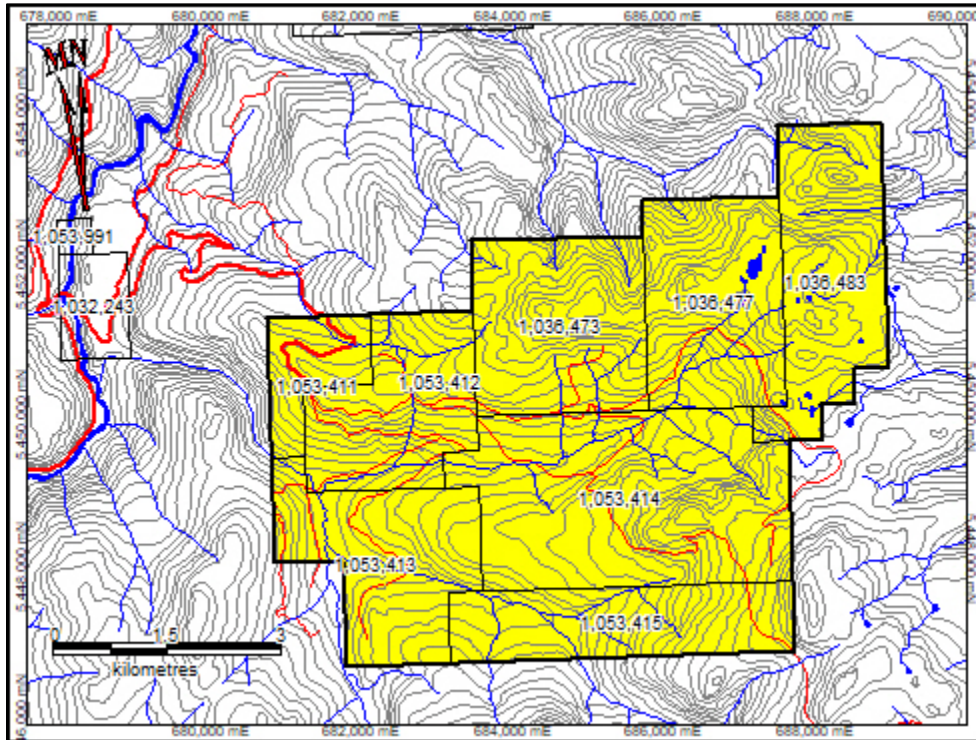
The Princeton Project is located south of Princeton, British Columbia (Figure 1) on TRIM claim sheets 092H018 and 092H028 in the Similkameen Mining Division. The property currently consists of 8 claims totaling 4,012.58 hectares as shown in Table 1 and in yellow on Figure 2.

Table 2. Princeton Project Agreement Terms

Payments			Work Commitments	
Date	Cash	Shares	Expenditures of	Completed by
21-Sep-2016	\$5,000	100,000		
21-Sep-2017	\$10,000	350,000	\$200,000	
21-Sep-2018	\$15,000	600,000	\$400,000	
21-Sep-2019		950,000	\$600,000	
Totals	\$30,000	2,000,000	\$1,200,000	

All claims are held 100% by Mr. Sydney Wilson of Vancouver, B.C. Details pertaining to the claims are summarized in Table 1 and shown in Figure 2. Tasca Resources Ltd. is earning a 100% interest, subject to a 2% Net Smelter Return (NSR) royalty, in the Princeton Project by making cash payments and share issuances and completing exploration expenditures under the terms outlined in Table 2:

Tasca Resources Ltd. has the option to purchase up to ½ of the NSR for \$1,000,000, leaving Mr. Wilson with a 1% NSR.



Projection NAD 83 Zone 10

Figure 2: Claim Location (092H018, 092H028)

The author is not aware of any environmental liabilities associated with the Princeton property. The next phase of exploration for the Princeton property will involve mechanical trenching followed by diamond drilling. These exploration activities require a permit obtained through the British Columbia Ministry of Energy and Mines Notice of Work process. A Mines Permit (MX-4-693) for the trenching and drilling was approved 16-October-2015.

The author is not aware of any other significant factors or risks that may affect access, title, or the right or ability to perform work on the Princeton property.

ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY

The Princeton Project is located approximately 35 kilometres south of Princeton, British Columbia. Road access is via Highway 3 south from Princeton to the Placer Mountain Forest Service Road a distance of approximately 37 kilometres, thence approximately 13 kilometres along the Placer Mountain Forest Service Road in a generally easterly direction to the 2011 discovery site.

Topographic relief on the Princeton Project is moderate to steep with elevations ranging from 1220 metres above sea level (ASL) on Placer Creek at the western claim boundary to 2105 metres ASL on Placer Mountain on the eastern claim boundary. Vegetation consists of thick stands of jack pine and spruce on north facing slopes and significantly sparser vegetation on remaining slopes. Jack pine stands are locally falling victim to the Mountain Pine Beetle infestation. Underbrush is limited but heavy deadfall is prevalent in many areas. Rock outcrops are rare except on ridges, in deep cut valleys and where recent clear cut logging and road building has exposed previously covered bedrock. Much of the property and surrounding region has been clear cut logged.

Climate conditions typify continental type characterized by generally warm, dry summers with field seasons extending from mid-May through to mid-October. Winters are cold with significant snow accumulations and temperatures dipping to minus 20° Celsius for extended periods.

As this is a greenfields exploration project, detailed surveys with respect to potential tailings storage areas, waste disposal areas, heap leach pad areas or potential processing plant areas have not been undertaken. The property is relatively close to the producing Copper Mountain Mine, lying 18 kilometres to the north. The claims are on crown land, so the surface rights are held by the crown. Power lines run down Highway 3 so power is within 13 kilometre of the property. Water is available from the numerous creeks throughout the claim block. Mining personnel, accommodation, heavy equipment, supplies and fuel are readily available locally in Princeton.

HISTORY

According to the British Columbia Ministry of Energy, Mines and Petroleum Resources Assessment Report Database, the ground presently comprising the Princeton Project has little exploration history prior to the work programs completed since 2008 by Mr. Sydney Wilson, the property vendor.

In the western part of the Princeton property, known as the Placer Creek Block, a three year program of Mobile Metal Ion (MMI) soil sampling was completed. A total of 296 samples were obtained over a 1000 metre long by 1500 metre grid. This program was successful in locating an open 1300 metre long by 50 to 500 metre wide silver anomaly and a two line Au cluster anomaly 250 metres wide by 300 metres long (Henneberry and Wesa, 2010b).

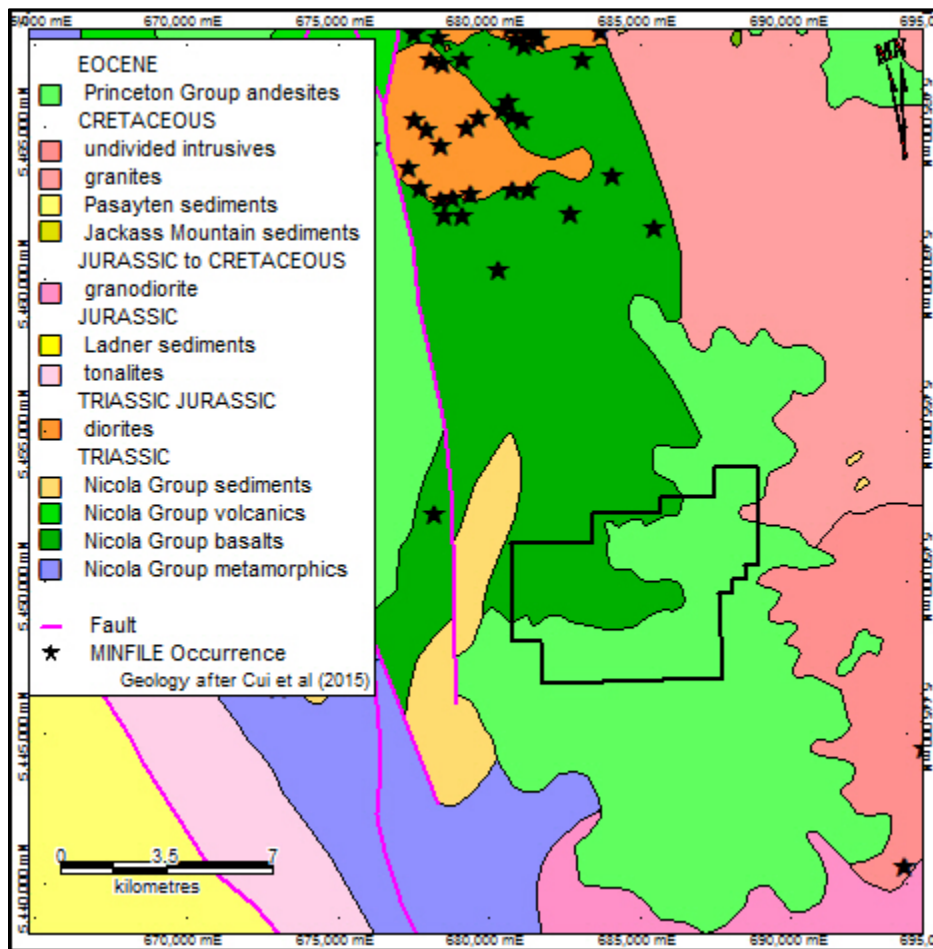
In the southern part of the Princeton property, known as the Placer Mountain Block, a north-south and an east-west reconnaissance MMI soil line was completed resulting in the collection of 59 Mobile Metal Ion (MMI) soil samples. Several multi-element spot anomalies and small cluster anomalies were located (Henneberry, 2008). A second phase of MMI soil sampling, consisting of four lines totaling 50 samples, was completed in the summer of 2010. This survey was followed by prospecting later in the fall resulting in discovery of quartz vein float that returned analytical values ranging from 10.3 ppb Au to 21 grams per tonne Au (Henneberry and Wesa, 2010c).

Wilson subsequently optioned the Placer Creek and Placer Mountain blocks, along with the expired Willis Creek block to the north, collectively the Princeton Project, to Windfire Capital Corp. in 2011 as Windfire's Qualifying Transaction for the TSX Venture Exchange. Windfire completed a two stage exploration program of grid soil sampling and rock sampling concentrating on the quartz vein float area on the Placer Mountain Block in 2011. The rock sampling included Area 2, where 13 of 36 samples of sub rounded to angular quartz float and outcrop comprising rusty weathered, limonite stained quartz with trace to 5%, very fine grain, disseminated pyrite returned gold values in excess of 10,000 ppb gold, or 10 grams per tonne, to a maximum of 66,237 ppb or 66.2 grams per tonne gold from three separate locations. Two phases of initial broad then follow up tighter grid soil sampling suggest that Area 2 hosts multiple, linear, parallel gold-in-soil anomalies with the strongest anomaly striking a minimum of 500 metres to a maximum of 650 metres in a northwestern direction. Road soil and rock geochemistry surveys and prospecting identified several other areas that also require follow up. (Henneberry and Wesa, 2012).

Windfire allowed it option to lapse in late 2013 and Wilson subsequently downsized the property to the key Placer Creek and Placer Mountain blocks and optioned the revised Princeton Project to 1007879 B.C. Ltd in July 2014. The numbered company completed a small program later in July to maintain the claims in good standing.

The 2014 1007879 B.C. Ltd. program consisted of property mapping and road soil sampling over the outlying areas of the property. The mapping indicated the property is by underlain Triassic Nicola Group volcanics in the northwest and Eocene Princeton Group volcanics and intrusives throughout the remainder of the property. The road soil sampling suggested the Nicola volcanics were anomalous in gold and copper, with a large 300 metre by 300 metre area of anomalous copper soil values highlighted. Gold anomalies in the Nicola volcanics consisted of numerous spot anomalies. Very few gold anomalies and minimal copper anomalies were located in the Princeton Group rocks. The rock sampling found one weakly anomalous gold value in a bleached area within Princeton volcanics. (Henneberry, 2014).

Ramani (1974) completed a fluxgate magnetometer and copper soil geochemistry survey over the Holt and Davis claims for Cascadia Resources Ltd. These claims appear to cover parts of recently added tenures 1036473 and 1036477. Weak anomalies were identified, but do not appear to have been followed up. Supreme Resources Ltd. held the ground underlying the three new claims, tenures 1036473, 1036477 and 1036483 from October 2009 through to June 2015 as part of their Verde project south of Copper Mountain, but the location of the actual exploration programs (Crocker, 2010 and Crocker, 2011) are well to the north of the new Princeton Property boundary and little appears to have been done on the ground underlying the new 1007879 tenures.



UTM NAD 83 Zone 10

Geology from Cui et al (2013) August 2015

Regional Geology

Figure 3

1007879 B.C. Ltd. completed a prospect and mapping program over the newly added claims July 2015. They took a combined 38 road soil samples from two areas and 29 quartz float samples, identifying a significant quartz corridor through the heart of the property. Two of the 29 quartz float samples returned significant gold values: 25,278 ppb Au and 1012 ppb Au, from the same general area. The newly added northern claims are underlain by Nicola Group volcanoclastics and clastic sediments as a small outlier within Princeton Group andesitic volcanics and volcanoclastics. Local beds of tephra and rhyolite were also noted. (Henneberry, 2015).

GEOLOGICAL SETTING
(Summarized from MINFILE 092HSE)

The Princeton Project is located at the southern end of the Intermontane Belt and the adjoining eastern margin of the Coast Belt. The southern Intermontane Belt is dominated by volcanic rocks and sediments of the Upper Triassic Nicola Group, comprising the Quesnel Terrane. These rocks are intruded by co-magmatic plutons of the Late Triassic and Early Jurassic Copper Mountain and Hedley intrusions, and comprise a west-facing magmatic arc. The island arc assemblage is cut by post-accretionary intrusions of the Late Jurassic and Cretaceous Eagle Plutonic Complex and Osprey Lake Batholith, and is unconformably overlain by volcanic rocks and clastic sediments of the Cretaceous and Tertiary Spences Bridge and Princeton groups. This post-accretionary volcanism and sedimentation is, in part, controlled by a system of northerly striking strike-slip faults.

The Methow Terrane lies across the Pasayten fault to the west and occupies the eastern margin of the Coast Belt in the Princeton map area. This terrane comprises a wedge of clastic sediments derived in part from Quesnellia rocks to the east. The sequence consists of fine grain sediments and mafic volcanics of the Lower to Middle Jurassic Ladner Group, overlain by a thin section of sandstone and conglomerate of the Upper Jurassic "Thunder Lake Sequence", which is, in turn, followed by a thick section of coarse clastics of the partly coeval Cretaceous Jackass Mountain and Pasayten Groups.

The oldest rocks in the Placer Mountain area belong to the Triassic Nicola Group. They consist of basaltic and undivided volcanics and overlying clastic sediments which are metamorphosed to amphibolite grade in the central portion of the map area.

The Nicola Group rocks have been intruded by early Jurassic granites and undivided intrusives, Jurassic tonalites and Jurassic to Cretaceous granodiorites. The youngest units are Eocene andesites of the Princeton Group.

The southwestern corner of the map area is transected by the Pasayten Fault and is underlain by clastic sediments of the Jurassic Ladner and Jackass Mountain Groups and the Cretaceous Pasayten Group.

Princeton Property Area Geology

With the exception of government geological surveys there has been no mapping on the Princeton property, prior to the mapping completed by the author as part of the 2014 exploration program. The following unit descriptions are taken from the British Columbia Ministry of Energy, Mines and Petroleum Resources Digital Geology Release 2.2 (Cui, Y., Katay, F. and Sinclair, L.; 2013).

The oldest rocks are the Triassic Nicola Group which consists of three main units: a sedimentary unit comprised of shale, argillite, siltstone, sandstone, phyllite, tuff, local polymict conglomerate, limestone, greenstone and chloritic phyllite; the Eastern Volcanic Facies comprised of basaltic mafic breccia and tuff with augite and hornblende-phyric clasts; and local intercalated argillite and amphibolite, foliated diorite, mylonite and chlorite schist derived from Nicola Group.

The Nicola Group rocks have been intruded by Jurassic to Cretaceous and Cretaceous intrusives. The Jurassic to Cretaceous intrusions consist of granodioritic rocks, and the Cretaceous intrusions comprise granite and alkali feldspar granite rocks.

The youngest rocks on the property are the Eocene Princeton Group, consisting of intermediate, locally mafic and felsic, flows and volcanoclastic rocks.

The geological map of the area from the 2013 Digital Geology of British Columbia (Cui et al, 2013) (Figure 4) shows the Princeton Property is underlain largely by Eocene Princeton Group andesites and Triassic Nicola Group Eastern Facies basaltic rocks.

Princeton Property Geology

The geology map of the Princeton property is based on 179 outcrop locations and is shown in Figure 4. The property is largely underlain by Eocene Princeton Group rocks, with two outliers of Triassic Nicola Group rocks in the northern and western sections of the property, respectively.

The dominant unit remains the Eocene Princeton Group, predominantly fine, fragmental and agglomeratic volcanoclastics on an andesitic affinity and a dacitic intrusive. Nicola Group rocks, andesitic volcanoclastics and fine clastic sediments outcrop as two distinct areas in the northern and western sections of the property, separate by the Eocene volcanoclastics. The mapping appears to show the Nicola Group rocks are significantly more aerially restricted than in the latest version of the British Columbia Geological Survey Digital Geology (Cui et al, 2013).

Plate 1. Nicola Group

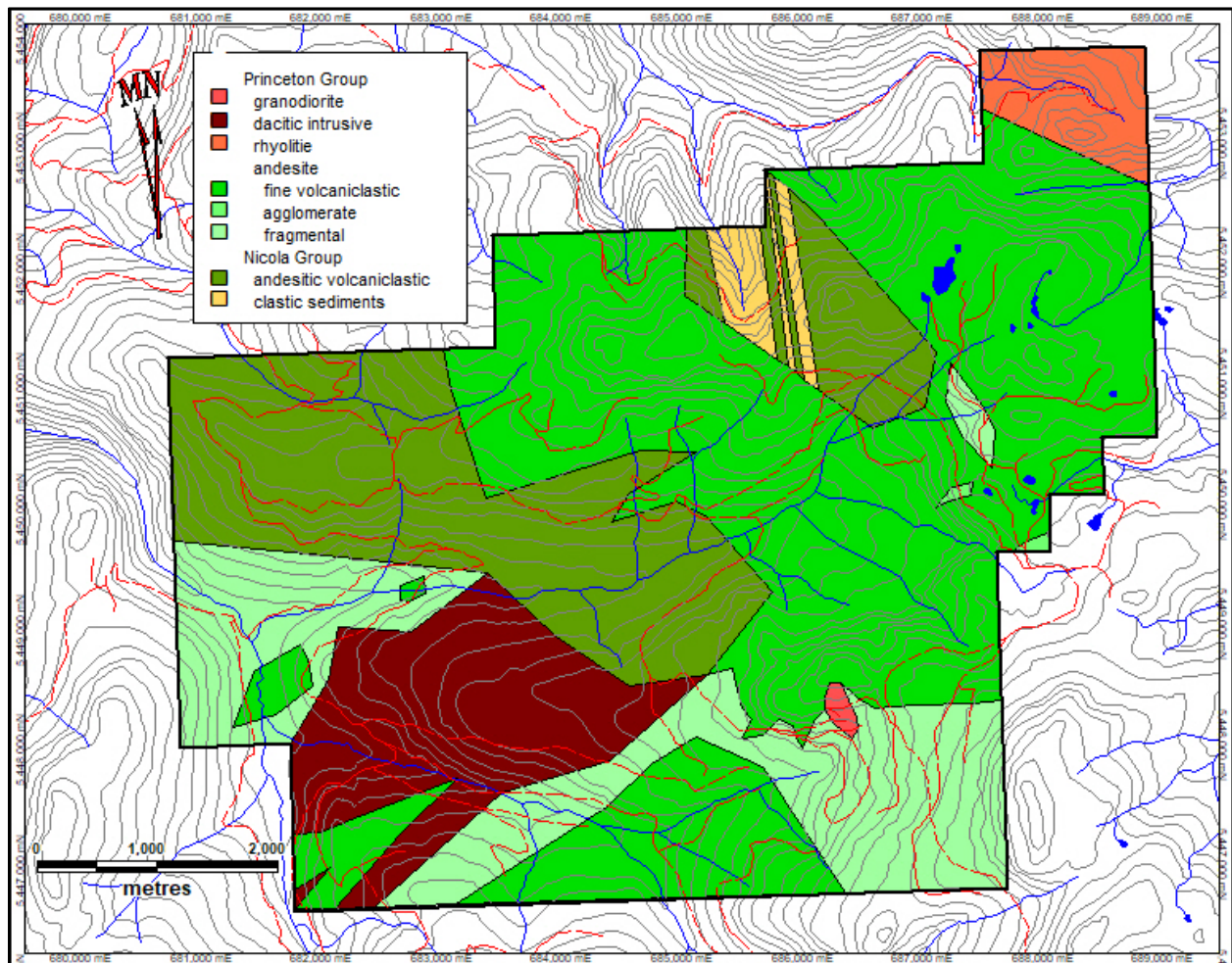


platy volcanoclastics



bedded argillites and siltstones

The Nicola Group rocks were mapped as two outliers through the northern and western sections of the claim group. The western outlier is comprised predominantly of grey weathering, dark grey green fine grained andesitic volcanics. Outcrop exposures varied from blocky to platy and fissile. Limonite and iron oxides were noted in most exposures, with the rock appearing almost gossanous in some locations. A few instances of bull quartz blow outs were noted with quartz approximately 1 to 4 metres long by 20 to 50 centimetres wide. Mineralization ranged from nothing to disseminated pyrite in concentrations ranging from trace to 2% to 3%.



UTM NAD 83 Zone 10

Princeton Project Geology Figure 4

The northern outlier is comprised of the same andesitic volcanic along with interbedded fine clastic sediments. The sediments are rusty weathering, largely argillaceous rocks, with some siltstone interbeds. These units strike 158° to 160° and dip 73° E with one exception, where a 020° /60° W strike and dip were recorded. The beds range from centimetres to tens of centimetres in thickness and carry traces to less than ½% pyrite.

The Princeton Group rocks outcrop through most of the claim block and consist largely of andesitic volcanoclastics and a dacitic intrusive. Small units include rhyolite and tephra units and mafic and granodiorite intrusives.

Plate 2. Princeton Group



fine grained andesite



platy andesite

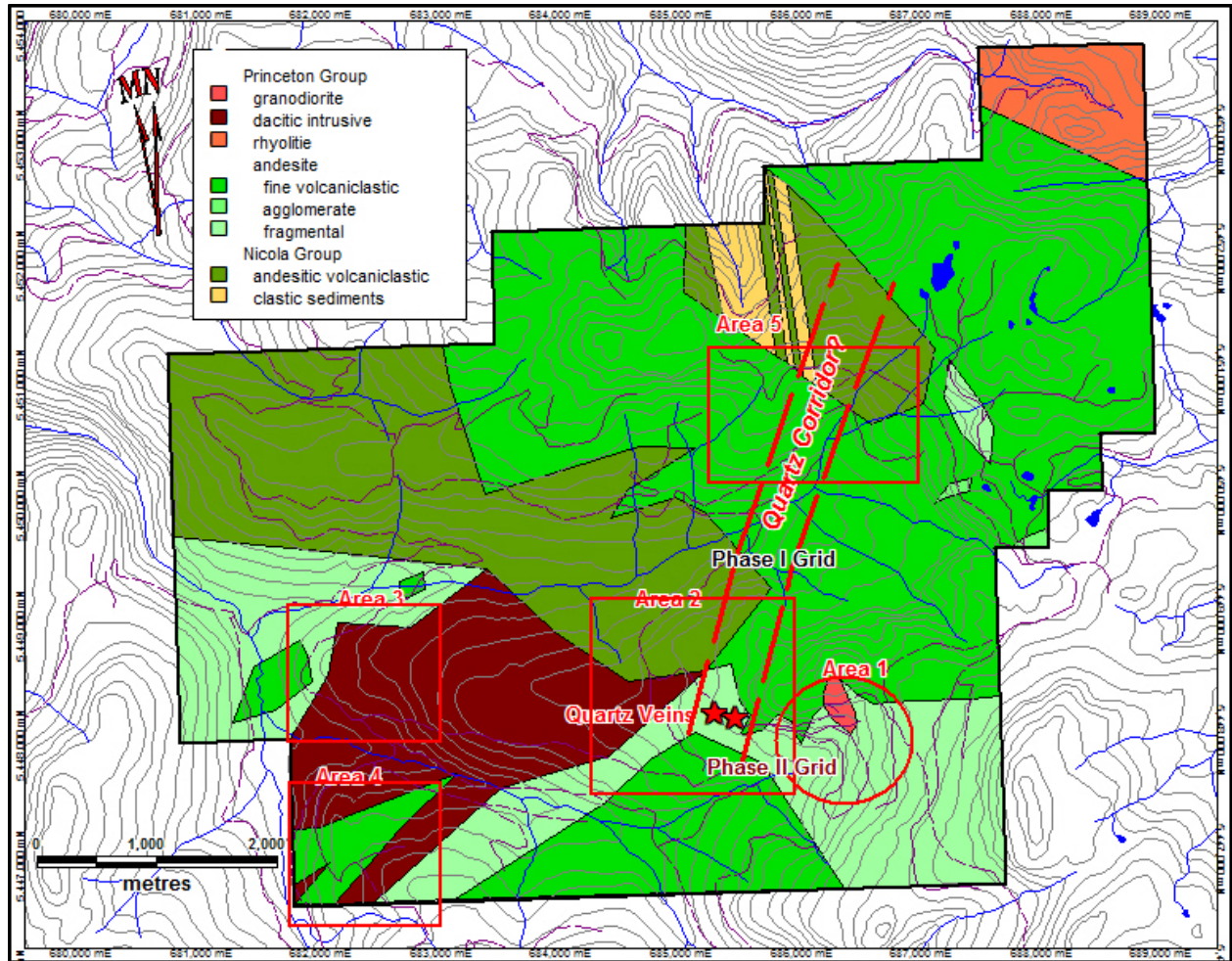


tephra



hematitic andesite

The andesitic volcanoclastics are the most widespread, occurring throughout the claim block and consisting largely of two units: a finer grained dark grey black green unit and a similar unit with fragments to clasts of plagioclase or more typical porphyritic andesite. These units weather grey brown to tan brown and locally show weak to strong groundmass hematite. Exposures range from blocky to platy to shattered. Locally, the fragmental contains larger clast and bombs to the point where it is agglomeratic. Commonly, the agglomerate shows varying hues of pink red due to hematite content. Bombs from 10 to 20 centimetres in size were noted.



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Figure 5. Mineralized Areas

The dacitic intrusive is a dull grey brown color on weathered surface and cleaner grey brown on fresh surface. The rock displays plagioclase laths to 5 millimetres and hornblende laths to 5 millimetres. Biotite is also observed, though it has been weathered to limonite in some instances. Quartz eyes to 7 millimetres were also observed. Outcrop is typically blocky.

One exposure of grey white weathering, grey white quartz eye rhyolite was noted in the northeast corner of the claim block. Clay was noted along fractures along with iron oxides and limonite.

An ash flow tuff or tephra unit was mapped along a 300 metre stretch of logging road in the northern part of the claim block. The unit is cream to grey white in color and fine grained and almost appears rhyolitic in texture in one exposure. Local organic fragments were noted within the unit. The Cation Exchange Capacity was tested and found to be low in the mapped exposures.

Two exposures of a grey black, fine to medium grained intrusive dyke were noted in the southwest section of the claim block. No contacts were noted.

A small granodiorite plug, which may be a more granodioritic phase of the Princeton Group dacitic intrusive, was noted in the eastern section of the claim block. The rock is grey white on both the weathered and fresh surface. It is coarse grained and carries quartz and feldspar. Hornblende laths to 1 centimetre were observed. The one exposed contact has considerable associated limonite and iron oxides.

Table 3. 2011 Rock Sampling Highlights

Sample	Area	Description	ppb Au	Sample	Area	Description	ppb Au
PM11-EBR02	1	angular quartz boulder float	396.6	14806	2	0.5 m wide quartz vein	476.4
PM11-EBR03	1	angular quartz boulder float	272.2	PM11-EBR14	2	see Ed's notes	1644.8
PM11-EBR04	1	quartz vein in outcrop	102.3	PM11-EBR15	2	angular quartz vein float	115.2
PM11-EBR07	1	sub-angular quartz boulder float	332.5	PM11-EBR16	2	sub angular quartz vein float	12545.7
PM11-EBR09	1	quartz vein in altered granodiorite	163.4	PM11-EBR17	2	sub angular quartz vein float	3500.4
PM11-GWR01	2	0.65 m wide quartz vein	14937.1	PM11-EBR18	2	sub angular quartz vein float	1549.7
PM11-GWR02	2	0.5 m wide quartz vein	23149.2	PM11-EBR19	2	angular quartz vein float	1971.4
PM11-GWR03	2	0.55 m wide quartz vein	315.4	PM11-EBR20	2	angular quartz vein float	3395.1
PM11-GWR04	2	0.55 m wide quartz vein	4477.5	PM11-EBR22	2	angular quartz vein float	5028.4
PM11-GWR05	2	quartz vein grab	10074.9	PM11-EBR25	2	angular quartz vein float	30547.4
PM11-GWR06	2	1.0 m wide quartz vein	2606.7	PM11-EBR26	2	angular quartz vein float	19002.1
PM11-GWR07	2	quartz vein grab	9769.4	PM11-GWR01A	2	angular quartz vein float	5128.5
PM11-GWR08	2	2.5 m wide quartz vein	13831	PM11-GWR02A	2	quartz vein grab	8569
PM11-GWR09	2	0.5 m wide quartz vein	782	PM11-GWR02B	2	0.19 m brecciated andesite	600.5
PM11-GWR24	2	sub angular quartz vein float	1123.1	PM11-GWR02C	2	0.31 wide quartz vein	43799.2
PM11GWR65	2	angular quartz vein float	5535.7	PM11-GWR02D	2	0.18 m altered andesite	322.8
PM11GWR66	2	angular quartz vein float	25653.3	PM11-GWR02E	2	0.20 m altered argillite	166.5
PM11GWR67	2	angular quartz vein float	60707.5	PM11-GWR02F	2	0.48 m wide quartz vein	66236.9
PM11GWR68	2	angular quartz vein float	65938.5	PM11-EBR28	3	angular argillite float with quartz	934.5
PM11GWR69	2	angular quartz vein float	47900.1	PM11GWR70	4	sub angular quartz vein float	176.2
				PM11GWR71	4	sub angular quartz vein float	106

Mineralization

The Princeton Project is currently being explored for auriferous quartz vein mineralization. Grid soil sampling, road soil sampling and lithochemical sampling in 2011 was successful in locating three areas of anomalous gold-sulphide mineralization. Follow up sampling in 2015 extended the main zone of quartz mineralization to the north suggesting a quartz corridor in the order of 500 metres in width, trending in a northwest direction.

Table 3 presents highlights of the lithochemical analytical results within the claim block. Figure 5 shows the location of the mineralized areas relative to the property boundaries. Area 2 represents the dominant area on the property where 13 samples, collected from outcrop and sub angular to angular quartz float boulders, returned gold values in excess of 10 grams per tonne. Prospecting outlined three distinct areas of quartz float and outcrop composed of rusty weathered, limonite stained quartz with trace to 5%, very fine grain, disseminated pyrite. Quartz vein material locally exhibits remnant vugs and cellular box work texture.

Soil geochemistry conducted over Area 2 was successful in highlighting multiple, linear, parallel gold-in-soil anomalies with the largest being 500 to 650 metres in length.

DEPOSIT TYPES

The Princeton Project is being explored for polymetallic quartz veins and porphyry Cu – Mo deposits. The following description of polymetallic quartz veins is condensed from British Columbia Ore Deposit Models (Lefebvre and Church, 1996).

Polymetallic veins occur in virtually all tectonic settings except oceanic, including continental margins, island arcs, continental volcanics and cratonic sequences. They are usually divided into metasediment hosted veins and igneous hosted veins. The polymetallic veins at Princeton would be classified as igneous. Veins typically occur in country rock marginal to an intrusive stock. Typically veins crosscut volcanic sequences and follow volcano- tectonic structures, such as caldera ring-faults or radial faults. In some cases the veins cut older intrusions. The age of these vein is Proterozoic or younger, though mainly Cretaceous to Tertiary in British Columbia.

Polymetallic veins are typically steeply dipping, narrow, tabular or splayed. They commonly occur as sets of parallel and offset veins. Individual veins vary from centimetres up to more than 3 metres wide and can be followed from a few hundred to more than 1000 metres in length and depth. Veins may widen to tens of metres in stockwork zones. Compound veins with a complex paragenetic sequence are common. The veins display a wide variety of textures, including cockade texture, colloform banding and crustifications and locally drusy. Veins may grade into broad zones of stockwork or breccia. Coarse grain sulphides occur as patches and pods, and fine grain disseminations are confined to veins.

Regional faults, fault sets and fractures are an important ore control; however, veins are typically associated with second order structures. Significant polymetallic veins are often restricted to competent lithologies. Dikes are often emplaced along the same faults and in some camps are believed to be roughly contemporaneous with mineralization. Some polymetallic veins are found surrounding intrusions with porphyry deposits or prospects.

Igneous hosted polymetallic veins are generally comprised of quartz, carbonate (rhodochrosite, siderite, calcite, dolomite), sometimes specular hematite, hematite, barite, fluorite. Carbonate species may correlate with distance from source of hydrothermal fluids with proximal calcium and magnesium-rich carbonates and distal iron and manganese-rich species.

Mineralization within the veins consists of: galena, sphalerite, tetrahedrite-tennantite, with lesser sulphosalts including pyrargyrite, stephanite, bournonite and acanthite, native silver, chalcopyrite, pyrite, arsenopyrite and stibnite. Silver minerals often occur as inclusions in galena. Some deposits include native gold and electrum. Rhythmic compositional banding is sometimes present in sphalerite. Some veins contain more chalcopyrite and gold at depth and Au grades are normally low for the amount of sulphides present.

Wall rock alteration is typically limited in extent (measured in metres or less). Metasediments typically display sericitization, silicification and pyritization. Thin veining of siderite or ankerite may be locally developed adjacent to veins.

Black manganese oxide stains are common weathering products and can be used as guide for prospecting. Polymetallic veins are generally strongly structurally controlled and commonly occur in clusters; therefore, the best place to explore for new veins is in the area of known veins. Geochemically, there are generally elevated levels of Zn, Pb, Ag, Mn, Cu, Ba and As associated with the veins. Geophysically, polymetallic veins may have elongate zones of low magnetic response and/or electromagnetic, self-potential or induced polarization anomalies related to ore zones.

Individual vein systems range from several hundred to several million tonnes grading from 5 to 1500 g/t Ag, 0.5 to 20% Pb and 0.5 to 8% Zn. Average grades are strongly influenced by the minimum size of deposit included in the population. For B.C. deposits larger than 20,000 t the average size is 161,000 t with grades of 304 g/t Ag, 3.47 % Pb and 2.66 % Zn. Copper and gold are reported in less than half the occurrences, with average grades of 0.09 % Cu and 4.0 g/t Au.

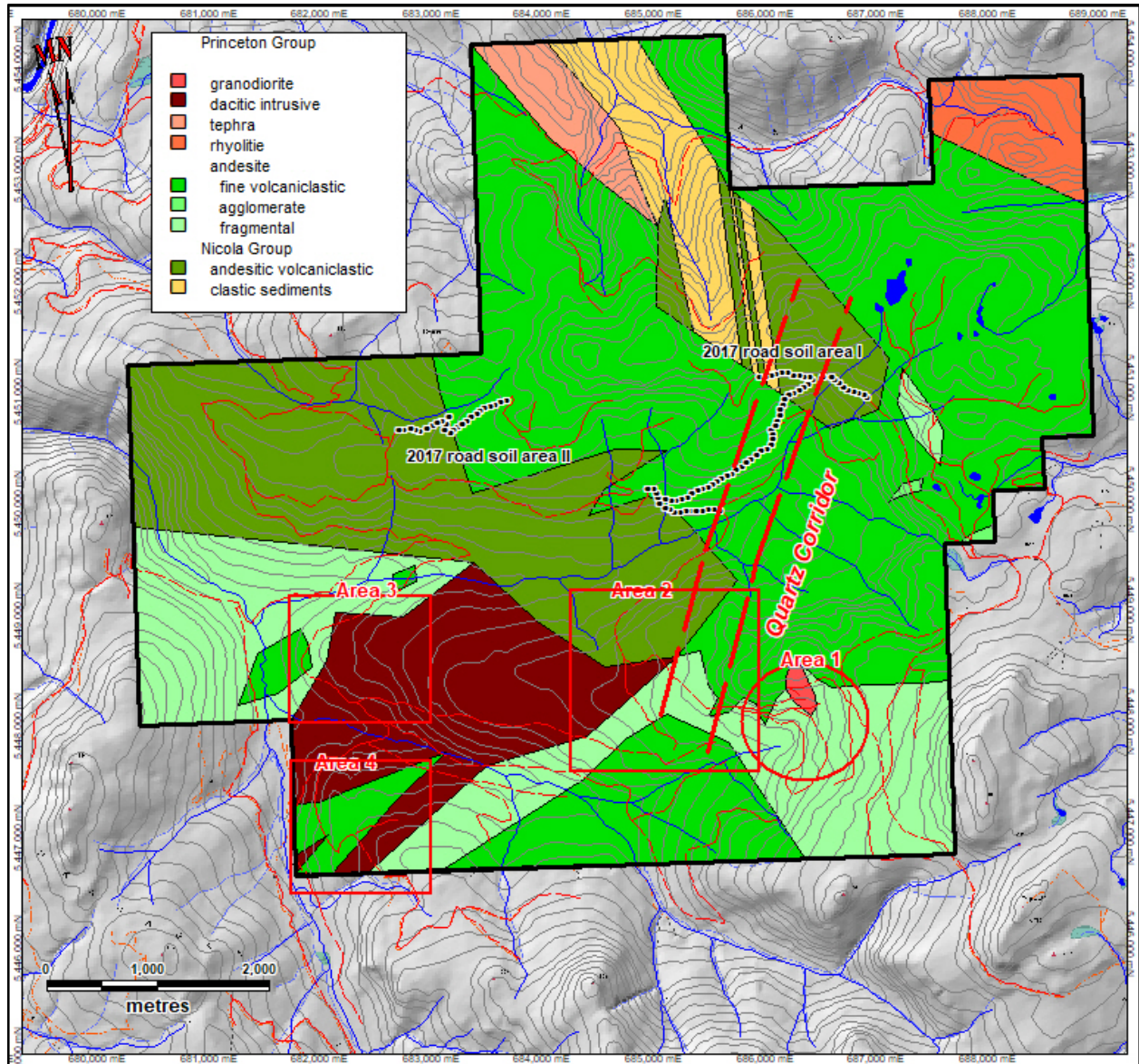
Polymetallic veins usually support small to medium-size underground mines. The mineralization may contain arsenic which typically reduces smelting credits.

British Columbia examples of metasediment hosted polymetallic vein deposits include: the Slocan-New Denver-Ainsworth district, the Trout Lake Camp and St. Eugene Mine. Other examples are the Mayo District in the Yukon and the Couer d'Alene District in Idaho.

EXPLORATION

The 2017 exploration program on the Princeton Project consisted of roadside soil sampling in two areas. A total of 98 road soil samples were collected from two separate locations as shown in Figure 6. The key area was the projected location of the quartz corridor.

Road soil samples were obtained from cut banks above the road at 50 metre intervals measured with a Garmin GPS unit. A 500 to 1000 gram sample was collected from the “B” horizon and placed in pre-numbered soil bags. Each sample location was recorded as a waypoint in a GPS unit in the map datum NAD 83. Sample sites were then flagged with fluorescent ribbon and marked with the sample number.

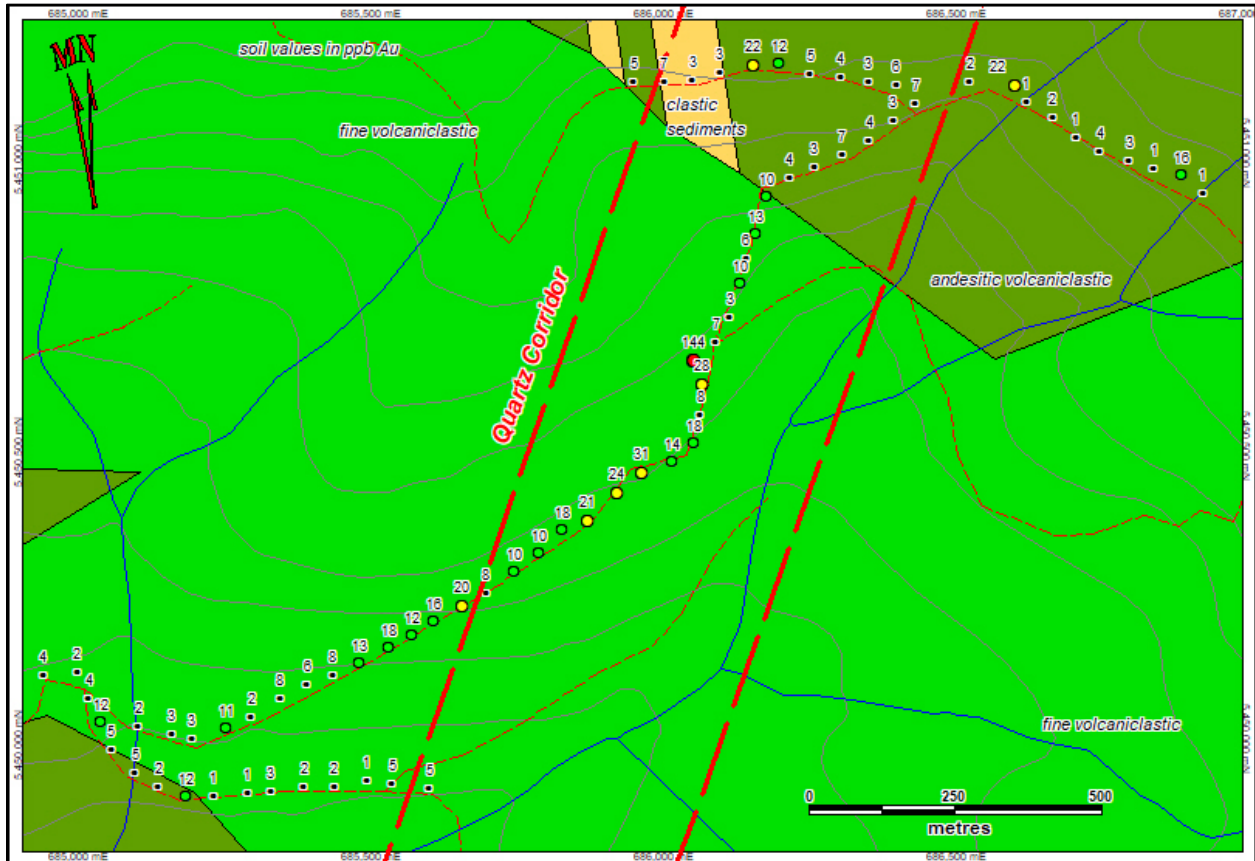


UTM NAD 83 Zone 10

Figure 6. 2017 Sample Locations

All sample and outcrop data was downloaded nightly into a computer. All samples were delivered to ALS Minerals in North Vancouver for analysis.

The author is not aware of any sampling or recovery factors that could materially impact the accuracy and reliability of the assay results. The author believes the samples taken to be representative and does not feel there are any factors that would cause sample bias as they are blind samples of the soil.



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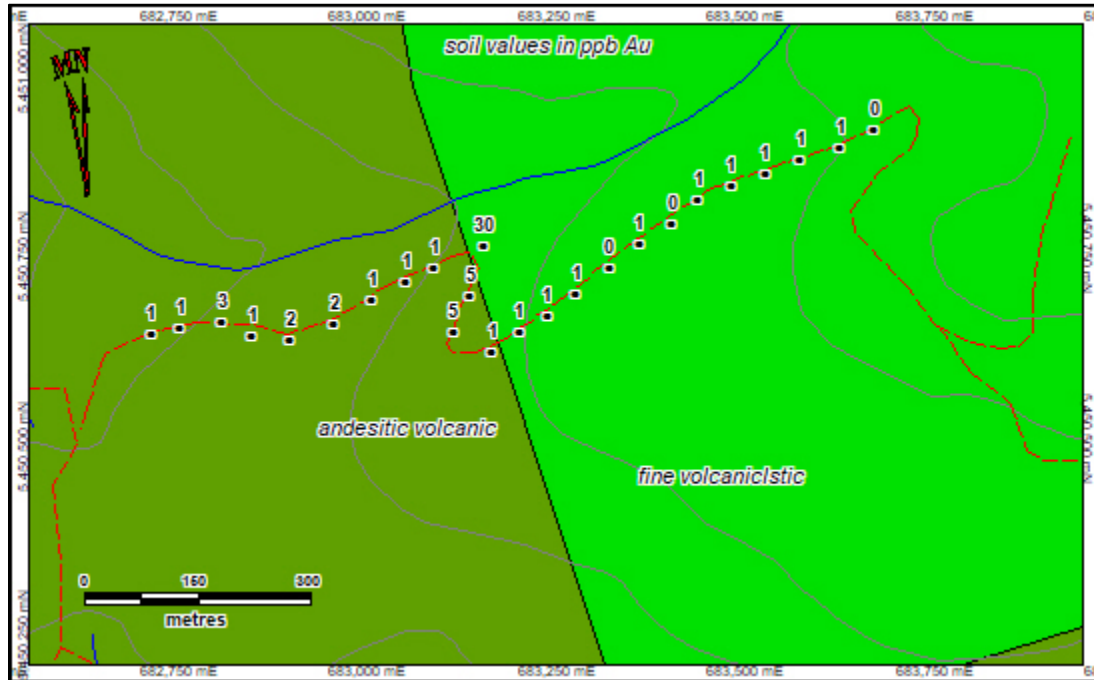
Figure 7a. Road Soils Area 2a

The gold road soil results for the quartz corridor area are displayed in Figure 7a. The values are very encouraging as most of the section cutting through the projected location of the corridor is anomalous in gold, with a maximum value of 144 ppb. The anomaly thresholds were calculated from all the road soil samples taken over the last number of years throughout the property. They are shown in Table 4.

Table 4. Au Soil Geochemistry Statistics

count	minimum	maximum	percentile		
			90th	95th	98th
678	0	2730	10	19	32

The second area lies to the west of the quartz corridor and is shown in Figure 7b. Only one anomalous value was encountered, a 30 ppb value.



UTM NAD 83 Zone 10

Figure 7b. Road Soils Area II

DRILLING

There is no record of diamond drilling on the Princeton Project.

SAMPLE PREPARATION, ANALYSIS AND SECURITY

Samples were returned to Princeton on a daily basis where they were bagged and secured in the motel room. Upon returning to town daily, road soil samples were laid out in numbered sequence, to confirm complete sample succession, and placed in large plastic sample bags in groups of 10 to 15 per bag. Three to five plastic bags were then placed in a rice bag which was secured with a plastic ladder lock strap. All samples were delivered by the personnel from the author's consulting company at the completion of the program to ALS Minerals in North Vancouver, B.C.

Quality control procedures included the utilization of certified Standard blank samples prepared by CDN Resource Laboratories Ltd. of Langley, B.C. The Standard was weight-measured into sealed, heavy duty Ziploc bags and inserted into the sample stream.

No sample splitting or reduction was required since this program represented a preliminary survey.

All samples from the 2017 exploration program were analyzed at ALS Minerals in North Vancouver, which is certified compliant and accredited with the Standards Council of Canada ISO/IEC 17025:2005 International Standards Organization Model for Quality Assurance. At the ALS Minerals North Vancouver Lab each sample is logged in the tracking system, weighed and dried. Soil samples are first dried at 60°C and then dry-sieved using a 180 micron (Tyler 80 mesh) screen. Rock samples are finely crushed to better than 70 % passing a 2 mm (Tyler 9 mesh, US Std. No.10) screen after which a split of up to 250 g is taken and pulverized to better than 85 % passing a 75 micron (Tyler 200 mesh, US Std. No. 200) screen.

Three analyses were completed on the rock, soil and silt pulps: Au-TL43, ME-MS43 and ME-ICP43. In the Au-TL43 procedure, a finely pulverised sample (25 – 50 g) is digested in a mixture of 3 parts hydrochloric acid and 1 part nitric acid (aqua regia). This acid mixture generates nascent chlorine and nitrosyl chloride, which will dissolve free gold and gold compounds such as calaverite, AuTe₂. The dissolved gold is complexed and extracted with Kerosene/DBS and determined by graphite furnace AAS. Alternatively gold is determined by ICPMS directly from the digestion liquor. This method allows for the simple and economical addition of extra elements by running the digestion liquor through the ICPAES or ICPMS.

In the ME-MS43 procedure, a prepared sample (0.50 g) is digested with aqua regia in a graphite heating block. After cooling, the resulting solution is diluted to with deionized water, mixed and analyzed by inductively coupled plasma-atomic emission spectrometry. Following this analysis, the results are reviewed for high concentrations of bismuth, mercury, molybdenum, for spectral interferences.

In the ME-ICP43 procedure, a prepared sample is digested with aqua regia in a graphite heating block. After cooling, the resulting solution is diluted to 12.5 mL with deionized water, mixed and analyzed by inductively coupled plasma-atomic emission spectrometry. The analytical results are corrected for inter-element spectral interferences.

Table 5. Summary of Standard Performance

Sample No	ppm Au	Sample No	ppm Au
PMS 1	0.794	PMS 3	0.812
PMS 2	0.857		

The exploration programs completed by Tasca Resources Ltd. are preliminary surveys. Quality control procedures employed included reference standard GSP7E supplied by CDN Resource Labs which was inserted at regular intervals throughout the soil sample streams. GSP7E was certified through a total of 150 analyses, 10 analyses at 150 different labs. The standard assayed at 0.766 ppm ± 0.086 ppm based on the 150 analyses. The three standards reported within the range of acceptable values (Table 5).

The author feels that sample preparation, security and analytical procedures for the preliminary ground surveys on the Princeton property were adequate for this type of exploration program.

DATA VERIFICATION

The author applied minimal verification procedures as the exploration program was undertaken by personnel from the author's consulting company. A review of the assay data shows no irregularities. The author is therefore satisfied that the data is adequate for the exploration programs it supports for the purpose of this technical report.

MINERAL PROCESSING AND METALLURGICAL TESTING

There has been no mineral processing or metallurgical testing undertaken on the Princeton Project.

MINERAL RESOURCES AND MINERAL RESERVE ESTIMATES

There are presently no mineral reserves or mineral resources on the Princeton Project.

ADJACENT PROPERTIES

This report is not relying on information from adjacent properties.

OTHER RELEVANT DATA AND INFORMATION

There is no additional relevant data or information known that is not disclosed on the Princeton Project.

INTERPRETATION AND CONCLUSIONS

The purpose of the August 2017 program was to undertake a small program to meet assessment requirements. This was accomplished by the road soil program with the confirmation on anomalous gold values through the area projected to be underlain by the suspected quartz corridor.

The focus of the project is shifting from the four areas previously identified to the quartz corridor. The 2011 work has concentrated in Area 2 which is the southern part of the quartz corridor. This is the location of the gold bearing quartz veins. Now the 2015 and 2017 work has identified similar potential, albeit without bedrock quartz veins as of yet, in the northern section of the quartz corridor (Area 2a) approximately 3 kilometres to the north.

The main focus of future exploration has to be Area 2, with trenching and drilling to follow up the 2011 results. In addition the 2015 and 2017 work has shown the suspected quartz corridor has gold potential in the northern section, Area 2a. This needs to be followed up with a soil geochemistry and prospecting program away from the roads into the hills.

The author is not aware of any significant risks and uncertainties that could reasonably be expected to affect the reliability or confidence in the exploration information.

RECOMMENDATIONS

The focus of next stage of exploration should focus on Area 2 from the 2011 program and Area 2a from the 2015 and 2017 programs.

Area 2a needs a soil survey and prospecting program. A soil program at 50 metre lines by 25 metre sample spacings should be initiated covering 1500 metres by 1500 metres, resulting in 1800 samples. The grid should also be prospected in its entirety.

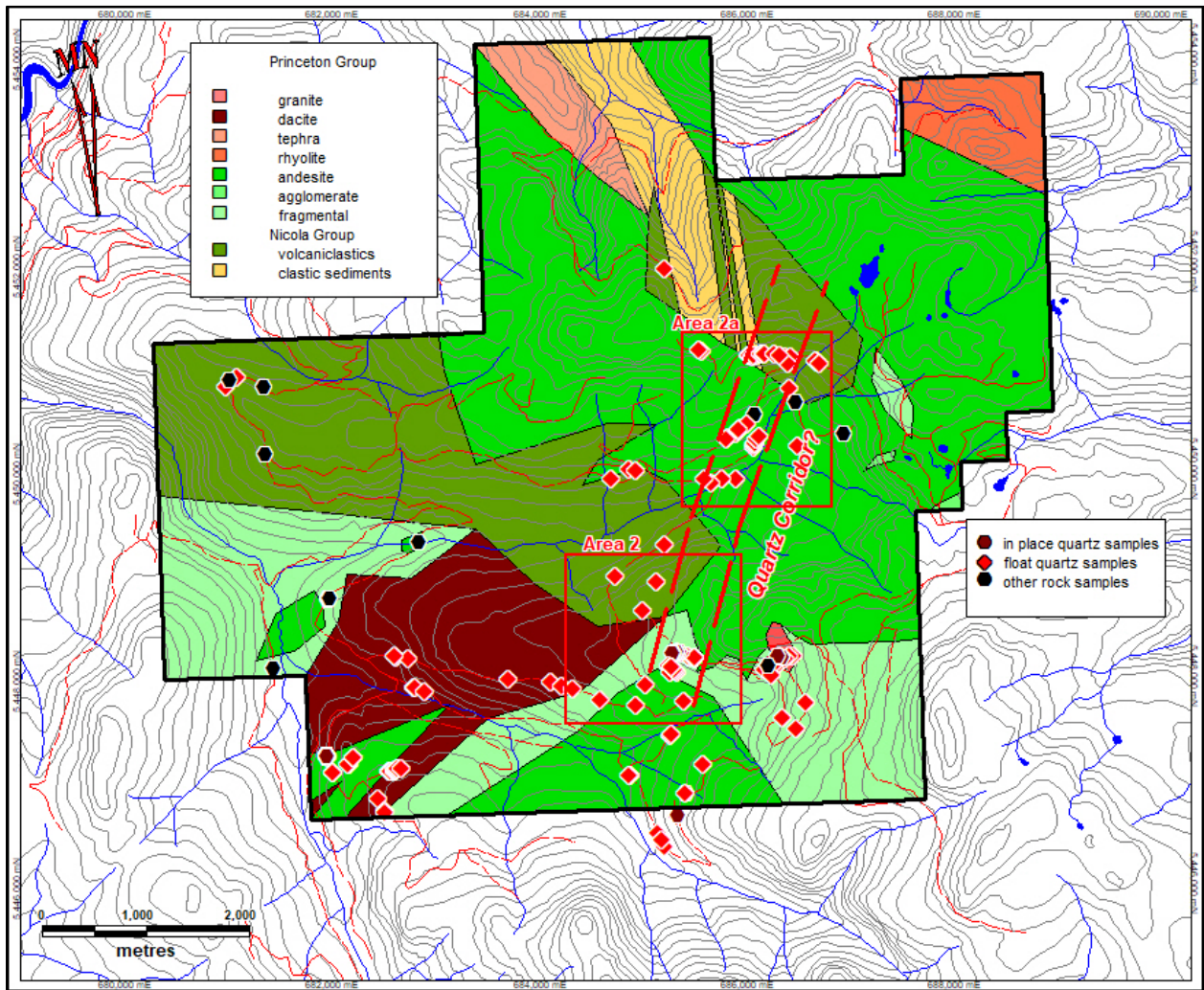
Area 2 requires excavator trenching to bedrock in the vicinity of the quartz veins. All exposures should be chip sampled. Diamond drilling should follow up the trenching results.

Grid Induced Polarization surveys would assist in detecting additional buried structures in both grids.

The accompanying budget (Table 6) is for the prospecting and soil grid in Area 2a and the excavator trenching program at Area 2. It is based on a 30 days program for a field crew of three at Area 2a and a 15 days program for a field crew of three for the trenching program of 100 hours. The cost is estimated at \$225,000.

Table 6. 2018 Budget

	Area 2	Area 2a	Total
Supervision	\$8,000		\$8,000
Field Personnel	\$24,750	\$45,000	\$69,750
Room and Board	\$5,500	\$8,000	\$13,500
Sundries	\$2,500	\$5,000	\$7,500
Vehicles and Fuel	\$6,000	\$6,000	\$12,000
Excavator	\$22,500		\$22,500
Analysis	\$10,750	\$50,000	\$60,750
Permitting	\$0		\$0
Documentation	\$5,000	\$5,000	\$10,000
Contingency			\$21,000
Total			\$225,000



UTM NAD 83 Zone 10

Figure 8. Area 2, Area 2a and Quartz Corridor

REFERENCES

www.em.gov.bc.ca/Mining/Geosurv/Minfile/default.htm. The British Columbia Ministry of Energy and Mines Minfile website provided a geological summary on the 092HSE map sheet.

Crocker, G.F. (2010). Titan 24 Geophysical and Core Drilling Report on the Tas and Tas-S1 to Tas-S15 Mineral Claims. BC Ministry of Energy, Mines and Petroleum Resources Assessment Report 31363.

Crocker, G.F. (2011). Geological, Geochemical and Core Drilling Report on Tenure Numbers 310302 (Verde#1), 313054 (Hilite), 565599, 565600, 565603 and 565604 (Verde Project). BC Ministry of Energy, Mines and Petroleum Resources Assessment Report 32888.

Cui, Y., Katay, F. and Sinclair, L. (2013). British Columbia Digital Geology Release 2.2 October 2013. British Columbia Geological Survey.

Henneberry, R.T. (2008). Geological Report Placer Mountain Project. BC Ministry of Energy, Mines and Petroleum Resources Assessment Report 30654.

Henneberry, R.T. (2014). 2014 Geological and Geochemical Report Princeton Project. BC Ministry of Energy, Mines and Petroleum Resources Assessment Report 35073.

Henneberry, R.T. (2015). 2015 Geological and Geochemical Report Princeton Project. BC Ministry of Energy, Mines and Petroleum Resources Assessment Report 36108.

Henneberry, R.T. and Wesa, G.L. (2010b). 2010 Geochemical Report Placer Creek Project. BC Ministry of Energy, Mines and Petroleum Resources Assessment Report 31762.

Henneberry, R.T. and Wesa, G.L. (2010c). 2010 Geochemical Report Placer Mountain Project. BC Ministry of Energy, Mines and Petroleum Resources Assessment Report 31933.

Henneberry, R.T. and Wesa, G.L. (2012). 2011 Geochemical Report Princeton Project. BC Ministry of Energy, Mines and Petroleum Resources Assessment Report 32838.

Lefebure, D.V. and Church, B. N. (1996): Polymetallic Veins Ag-Pb-Zn+/-Au, in Selected British Columbia Mineral Deposit Profiles, Volume 2 – Metallic Deposits, Lefebure, D.V. and Høy, T, Editors, British Columbia Ministry of Energy of Employment and Investment, Open File 1996-13, pages 67-70.

Ramani, S.V. (1974). Geological Report on the Holt and Davis Claims. BC Ministry of Energy, Mines and Petroleum Resources Assessment Report 04986.

CERTIFICATE FOR R. TIMOTHY HENNEBERRY

I, R. Tim Henneberry, P. Geo., a consulting geologist with offices at 2446 Bidston Road, Mill Bay, B.C. V0R 2P4 do hereby certify that: I am the Qualified Person for:

Tasca Resources Ltd.

830 - 1100 Melville Street
Vancouver, B.C. V6C 6L6

I earned a Bachelor of Science Degree majoring in geology from Dalhousie University, graduating in May 1980.

I am registered with the Association of Professional Engineers and Geoscientists in the Province of British Columbia as a Professional Geoscientist.

I have practiced my profession continuously for 37 years since graduation.

I have read the definition of "qualified person" set out in National Instrument 43-101 ("NI 43-101") and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements to be a "qualified person" for the purposes of NI 43-101. My relevant experience for the purpose of this Technical Report is:

- 37 years of exploration experience for base and precious metals in the Western Cordillera
- Continuing association with the various claim blocks of the Princeton Project since 2008

I am responsible for the preparation of the technical report titled "2017 Geological and Geochemical Report Princeton Project" and dated October 31, 2017 relating to the Princeton Project. I supervised the exploration program documented in this report and visited the property during the program on August 3, 2017.

I have reviewed the data and written the assessment reports for the various claims of the Princeton Project since 2008, so I have had prior involvement with the property that is the subject of the Technical Report.

As of October 31, 2017, to the best of my knowledge, information and belief, the Technical Report contains all scientific and technical information that is required to be disclosed to make the Technical Report not misleading.

I hold options in Tasca Resources Ltd. so I cannot be considered independent of the issuer after applying all of the tests in section 1.4 of NI 43-101.

I have read NI 43-101 and Form 43-101F, and the Technical Report has been prepared in compliance with that instrument and form.

I make this Technical Report effective October 31, 2017.

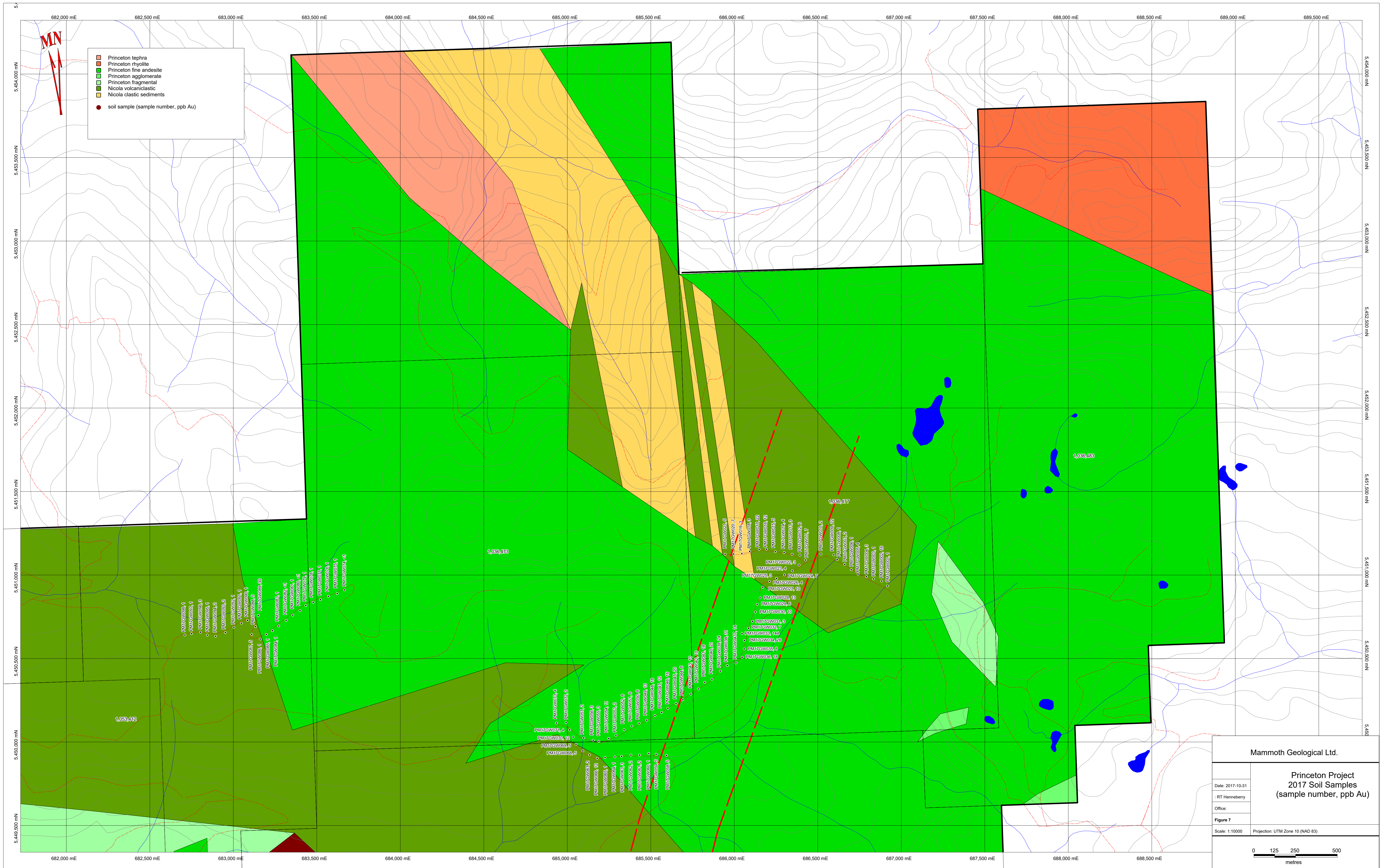


R. Tim Henneberry, P. Geo

STATEMENT OF COSTS

Field work was completed between July 31 and August 4, 2017.

Field Crew						\$13,050.00
Tim Henneberry	1	days	@	\$800	/day	\$800
Gary Wesa	5	days	@	\$700	/day	\$3,500
John Taylor	5	days	@	\$650	/day	\$3,250
Vehicle Rentals						
Mammoth	5	days	@	\$100	/day	\$500
		days	@	\$100	/day	\$0
Supervision						
Tim Henneberry		hours	@	\$125	/hour	\$0
Documentation						
Tim Henneberry	40	hours	@	\$125	/hour	\$5,000
Expenses						\$1,906.28
Travel					\$72.70	
Hotel					\$877.28	
Meals					\$508.55	
Fuel					\$177.22	
Supplies					\$97.23	
Service charge					\$173.30	
Analysis						\$2,455.38
Work Order	Invoice					
VA17162536	3982896				2,232.16	
Service (10%)					\$223.22	
GST (GST Number 133959049)						\$870.58
Services				\$	652.50	
Expenses				\$	95.31	
Analysis				\$	122.77	
Total Costs						\$18,282.24
Less GST						\$17,411.66



Mammoth Geological Ltd.

**Princeton Project
2017 Soil Samples
(sample number, ppb Au)**

Date: 2017-10-31
 RT Henneberry
 Office:
 Figure 7
 Scale: 1:10000 Projection: UTM Zone 10 (NAD 83)

0 125 250 500 metres

Sample No	83Z10E	83Z10N	Elevation	colour	depth cm	comment	certificate	ppm Au	ppm Bi	ppm Hg	ppm Sb	ppm Se	ppm Sn	ppm Te	ppm Th	ppm Tl	ppm U	ppm W	ppm Ag	% Al	ppm As	ppm B
PM17GW001	686917	5450937	1725	grey silt	10	andesite frags in soil	VA17162536	0.001	0.12	0.02	0.11	0.4	0.4	0.02	2.51	0.11	0.96	<0.05	<0.1	2.01	1	1
PM17GW002	686882	5450966	1719	tan-bn silt	12	andesite frags in soil	VA17162536	0.016	0.09	0.02	0.49	0.7	0.3	0.1	2.21	0.18	0.86	0.06	<0.1	2.49	13.5	1
PM17GW003	686834	5450979	1718	tan-bn silt	12	boulder till	VA17162536	0.001	0.07	0.02	0.18	0.3	0.3	0.02	1.77	0.05	0.42	0.07	<0.1	2.79	3.3	2
PM17GW004	686791	5450993	1713	bn snd	15	till bank along road	VA17162536	0.003	0.05	0.01	0.31	0.3	0.3	0.03	1.31	0.06	0.46	<0.05	<0.1	3.2	25.5	<1
PM17GW005	686741	5451008	1707	bn snd	15	till bank along road	VA17162536	0.004	0.12	0.02	0.51	0.4	0.3	0.04	1.93	0.14	0.55	0.05	0.1	2.66	9.1	1
PM17GW006	686700	5451034	1703	lt bn silt	15	till bank with andesite boulders	VA17162536	0.001	0.08	0.02	0.22	0.3	0.4	0.03	1.13	0.06	0.27	0.08	0.1	2.28	6.2	1
PM17GW007	686661	5451066	1698	lt bn silt	15	till bank with andesite boulders	VA17162536	0.002	0.09	0.02	0.33	0.4	0.3	0.03	1.65	0.12	0.39	0.07	0.1	2.23	6.8	1
PM17GW008	686616	5451095	1692	lt bn crse silt	15	till bank with andesite boulders	VA17162536	0.001	0.08	0.03	0.22	0.5	0.4	0.02	1.3	0.08	0.4	0.07	0.1	2.58	4.6	1
PM17GW009	686596	5451123	1695	lt bn silt	12	till bank with andesite frags	VA17162536	0.022	0.11	0.03	0.25	0.5	0.4	0.03	1.84	0.13	0.54	0.08	0.1	2.85	4.1	1
PM17GW010	686519	5451128	1693	lt bn silt	12	soil from bldr till bank	VA17162536	0.002	0.06	0.03	0.21	0.4	0.4	0.02	1.59	0.17	0.44	0.06	0.2	1.75	4	1
PM17GW011	686426	5451092	1691	grey snd	10	gravelly soil from disturbed ground	VA17162536	0.007	0.09	0.08	0.98	1.5	0.4	0.05	1.65	0.21	0.77	0.1	0.2	1.9	20	1
PM17GW012	686393	5451122	1697	bn silt	12	soil from till bank	VA17162536	0.006	0.1	0.04	1.44	2.4	0.4	0.07	1.99	0.26	1.11	0.11	0.2	2.26	25.6	1
PM17GW013	686346	5451127	1702	lt bn silt	15	bldr till bank	VA17162536	0.003	0.09	0.03	0.39	0.8	0.4	0.02	1.36	0.13	0.54	0.06	0.5	2.02	7.8	1
PM17GW014	686298	5451137	1708	lt bn silt	15	till bank w/ abundant qz float frags on road	VA17162536	0.004	0.11	0.03	0.94	1.6	0.4	0.05	1.84	0.17	0.72	0.1	0.4	2.34	17.7	1
PM17GW015	686246	5451142	1714	lt bn silt	15	bldr till bank	VA17162536	0.005	0.1	0.06	0.59	1.1	0.4	0.04	0.99	0.1	0.42	0.1	0.5	1.89	10	1
PM17GW016	686192	5451157	1719	lt bn silt	15	bldr till bank	VA17162536	0.012	0.12	0.06	2.46	3.6	0.4	0.09	1.79	0.24	1.49	0.12	1	2.29	30.9	1
PM17GW017	686149	5451156	1720	lt bn silt	15	gravelly soil from bldr till bank	VA17162536	0.022	0.1	0.02	2.1	2.1	0.3	0.09	1.96	0.22	0.76	0.14	0.4	2.12	58.8	1
PM17GW018	686092	5451144	1723	lt bn silt	15	bldr till bank	VA17162536	0.003	0.11	0.05	0.7	1.1	0.4	0.04	1.35	0.11	0.57	0.11	0.5	2.14	15.5	1
PM17GW019	686045	5451130	1727	lt bn silt	15	bldr till bank	VA17162536	0.003	0.11	0.05	0.65	1.4	0.4	0.04	0.87	0.1	0.55	0.11	0.6	2.28	21.2	1
PM17GW020	685996	5451128	1732	bn silt	15	bldr till bank	VA17162536	0.007	0.12	0.07	0.83	1.9	0.5	0.04	1.24	0.15	1.62	0.11	1	2.78	42.1	1
PM17GW021	685945	5451127	1738	bn silt	15	bldr till bank	VA17162536	0.005	0.11	0.05	2.19	2.2	0.4	0.07	1.73	0.28	1.01	0.11	0.6	2.46	24	1
PM17GW022	686388	5451062	1685	lt bn silt	16	bldr till bank	VA17162536	0.003	0.09	0.03	0.78	1.3	0.4	0.04	1.52	0.16	0.64	0.1	0.5	1.9	13.6	1
PM17GW023	686347	5451027	1684	lt bn silt	15	bldr till bank	VA17162536	0.004	0.11	0.06	0.71	1.2	0.5	0.04	1.38	0.12	0.69	0.08	0.6	2.48	11.7	1
PM17GW024	686300	5451003	1679	lt bn silt	15	gravelly soil from bldr till bank	VA17162536	0.007	0.09	0.03	1.24	1.7	0.4	0.06	1.61	0.23	1.13	0.1	1.2	2.13	19.6	1
PM17GW025	686253	5450982	1676	lt bn silt	15	bldr till bank	VA17162536	0.003	0.11	0.03	0.51	0.9	0.5	0.03	1.74	0.1	0.61	0.09	0.6	2.61	9.1	1
PM17GW026	686211	5450964	1672	bn silt	15	bldr till bank	VA17162536	0.004	0.12	0.04	0.65	0.9	0.5	0.04	1.81	0.14	0.67	0.09	0.5	2.58	11	1
PM17GW027	686171	5450929	1667	lt bn silt	15	gravelly soil from bldr till bank	VA17162536	0.01	0.11	0.05	3.19	3.2	0.4	0.1	2.5	0.39	1.61	0.11	0.4	2.86	40.8	1
PM17GW028	686154	5450866	1664	tan-bn silt	15	till bank w/ trace qz float frags	VA17162536	0.013	0.09	0.03	1.26	1.5	0.4	0.07	2.34	0.25	0.67	0.08	0.1	2.65	23.2	1
PM17GW029	686137	5450827	1663	bn silt	15	bldr till bank	VA17162536	0.006	0.08	0.04	1.96	1.9	0.4	0.06	2.59	0.3	1.01	0.08	0.3	2.66	18	1
PM17GW030	686126	5450781	1659	bn silt	15	minor clay in soil; till bank	VA17162536	0.01	0.09	0.05	1.44	1.7	0.3	0.07	2.25	0.19	0.84	0.08	0.2	2.16	18.8	1
PM17GW031	686109	5450725	1652	lt bn silt	15	bldr till bank	VA17162536	0.003	0.1	0.03	0.73	1	0.5	0.05	1.89	0.14	0.51	0.07	0.3	2.68	12.2	1
PM17GW032	686085	5450683	1646	lt bn silt	15	gravelly till bank	VA17162536	0.007	0.1	0.02	0.59	0.8	0.5	0.04	2.03	0.14	0.5	0.07	0.4	2.47	11	1
PM17GW033	686046	5450651	1648	pale gry silt	10	hard clay-rich silt	VA17162536	0.144	0.08	0.03	0.85	1	0.4	0.05	1.42	0.16	0.55	0.07	0.4	2.26	16.7	1
PM17GW034	686060	5450611	1646	pale gry silt	10	gravelly soil from bldr till bank	VA17162536	0.028	0.07	0.01	1.31	1.3	0.4	0.05	1.74	0.16	0.5	0.08	0.3	2.1	28.4	1
PM17GW035	686059	5450560	1636	lt bn silt	10	gravelly soil from bldr till bank	VA17162536	0.008	0.09	0.03	1.17	1.5	0.4	0.04	2.44	0.19	0.83	0.07	0.2	1.84	17.4	1
PM17GW036	686047	5450510	1634	lt bn silt	10	qz float frags in till	VA17162536	0.018	0.09	0.02	1.07	0.8	0.4	0.08	2.15	0.16	0.46	0.09	<0.1	2.43	37.3	<1
PM17GW037	686010	5450476	1629	lt bn silt	15	clay-rich sample	VA17162536	0.014	0.09	0.01	1.09	0.9	0.4	0.09	2.15	0.16	0.46	0.09	0.1	2.37	35	<1
PM17GW038	685958	5450460	1625	tan-bn silt	15	bldr till bank	VA17162536	0.031	0.09	0.02	0.73	0.7	0.4	0.12	2.79	0.15	0.64	0.09	0.2	2.28	20.7	<1
PM17GW039	685916	5450427	1621	tan-bn silt	15	bldr till bank	VA17162536	0.024	0.1	0.02	0.63	0.7	0.4	0.16	1.77	0.14	0.45	0.14	0.2	2.82	35.7	<1
PM17GW040	685866	5450379	1614	pale gry silt	16	qz cobble float in till bank	VA17162536	0.021	0.09	0.03	0.65	1	0.3	0.08	2.09	0.13	0.65	0.12	0.2	2.4	24.9	1
PM17GW041	685823	5450360	1611	pale gry silt	16	bldr till bank	VA17162536	0.018	0.11	0.01	0.67	0.8	0.4	0.1	2.12	0.15	0.53	0.12	0.1	2.41	21.7	1
PM17GW042	685784	5450320	1607	bn silt	15	gravelly soil from bldr till bank	VA17162536	0.01	0.11	0.01	0.65	0.9	0.4	0.09	2.32	0.16	0.46	0.11	0.3	2.76	21.1	<1
PM17GW043	685740	5450289	1601	bn silt	18	gravelly soil from bldr till bank	VA17162536	0.01	0.12	0.02	0.59	0.9	0.4	0.12	1.9	0.17	0.4	0.12	0.1	2.9	21	1
PM17GW044	685692	5450255	1596	bn silt	16	qz chips and cobbles in till	VA17162536	0.008	0.06	0.02	0.32	0.7	0.3	0.05	1.39	0.11	0.46	0.09	0.1	2.46	11.2	<1
PM17GW045	685651	5450234	1592	bn silt	18	qz chips in till bank	VA17162536	0.02	0.1	0.01	0.39	0.5	0.3	0.08	2.39	0.09	0.48	0.09	0.1	1.73	9.4	1
PM17GW046	685602	5450204	1586	pale-tan silt	15	till bank	VA17162536	0.016	0.07	0.01	0.36	0.6	0.3	0.05	1.82	0.09	0.48	0.07	<0.1	1.72	7	<1
PM17GW047	685565	5450180	1582	pale-gry silt	15	till bank	VA17162536	0.012	0.06	0.01	0.21	0.3	0.3	0.04	2.75	0.08	0.63	0.07	<0.1	1.24	2.9	<1
PM17GW048	685525	5450161	1580	rusty bn silt	15	abundant qz chips and cobble float in till	VA17162536	0.018	0.11	0.03	0.44	0.6	0.5	0.05	1.51	0.12	0.58	0.06	0.2	3.16	21.4	<1
PM17GW049	685476	5450133	1577	pale bn silt	15	bldr till bank	VA17162536	0.013	0.05	0.01	0.22	0.4	0.3	0.04	2.41	0.08	0.55	0.07	<0.1	1.2	4.2	1
PM17GW050	685430	5450115	1576	pale bn silt	15	bldr till bank	VA17162536	0.008	0.06	0.01	0.19	0.4	0.3	0.03	2.33	0.11	0.56	0.07	<0.1	1.64	5.7	1
PM17GW051	685386	5450098	1570	pale bn silt	15	till covering massive andesite outcrop exposure	VA17162536	0.006	0.06	0.02	0.32	0.5	0.3	0.03	2.02	0.14	0.68	0.06	<0.1	2.44	13.6	<1
PM17GW052	685340	5450076	1567	pale bn silt	15	broken andesite bedrock in bank	VA17162536	0.008	0.07	0.01	0.2	0.3	0.4	0.03	1.75	0.11	0.42	<0.05	0.1	2.05	4.2	<1
PM17GW053	685291	5450043	1559	pale bn silt	15	bldr till bank	VA17162536	0.002	0.07	0.02	0.2	0.4	0.3	0.04	1.58	0.11	0.47	0.06	0.1	1.82	6.9	1
PM17GW054	685248	5450023	1556	pale bn silt	15	bldr till bank	VA17162536	0.011	0.08	0.02	0.16	0.3	0.4	0.02	1.17	0.08	0.35	0.05	0.1	1.87	3.6	1
PM17GW055	685189	5450007	1549	rusty bn silt	18	rusty andesite bedrock in bank	VA17162536	0.003	0.04	0.01	0.23	0.5	0.6	0.02	1.51	0.17	0.6	<0.05	<0.1	3.25	6.2	1
PM17GW056	685155	5450013	1545	pale bn silt	15	gravelly bldr till	VA17162536	0.003														

Sample No	83Z10E	83Z10N	Elevation	colour	depth cm	comment	certificate	ppm Au	ppm Bi	ppm Hg	ppm Sb	ppm Se	ppm Sn	ppm Te	ppm Th	ppm Tl	ppm U	ppm W	ppm Ag	% Al	ppm As	ppm B
PM17GW069	685052	5449989	1522	bn slit	15	pebbly soil overlying rusty, broken andesite subcrop	VA17162536	0.005	0.13	0.05	0.36	0.5	0.2	0.18	1.31	0.25	0.51	<0.05	<0.1	3.78	61.1	1
PM17GW070	685035	5450032	1524	pale bn slit	15	bldr till bank	VA17162536	0.012	0.08	0.02	0.22	0.3	0.3	0.05	1.93	0.1	0.52	0.07	<0.1	1.77	4.5	1
PM17GW071	685014	5450075	1525	pale bn slit	15	disturbed ground	VA17162536	0.004	0.07	0.01	0.31	0.4	0.3	0.05	1.65	0.11	0.64	0.08	<0.1	1.45	5.2	1
PM17GW072	684993	5450119	1525	pale bn slit	15	till bank	VA17162536	0.002	0.07	0.03	0.21	0.4	0.3	0.03	1.72	0.13	0.98	0.05	<0.1	1.71	3.5	2
PM17GW073	684935	5450116	1525	bn slit	12	round cobbles in till bank	VA17162536	0.004	0.11	0.03	0.37	0.9	0.3	0.06	2.37	0.21	1.27	<0.05	<0.1	1.63	14	2
PM17GW074	683667	5450913	1670	pale gry slit	12	bldr till	VA17162536	<0.001	0.08	0.01	0.07	0.3	0.4	<0.01	0.7	0.08	0.51	<0.05	<0.1	1.89	1.2	1
PM17GW075	683622	5450891	1667	pale gry slit	12	bldr till	VA17162536	0.001	0.06	0.02	0.21	0.4	0.3	0.02	1.21	0.05	0.41	<0.05	<0.1	1.89	3.5	1
PM17GW076	683569	5450875	1663	pale bn slit	12	bldr till	VA17162536	0.001	0.05	0.01	0.17	0.3	0.3	0.01	1.28	0.04	0.41	<0.05	<0.1	2.16	5.1	1
PM17GW077	683522	5450855	1660	tan bn slit	12	gravelly bldr till	VA17162536	0.001	0.09	0.03	0.09	0.2	0.5	0.02	1.27	0.04	0.39	0.06	0.1	2.27	2.8	1
PM17GW078	683478	5450839	1656	pale bn slit	14	gravelly bldr till	VA17162536	0.001	0.07	0.01	0.06	0.2	0.4	0.01	0.77	0.03	0.23	<0.05	<0.1	1.7	6.2	1
PM17GW079	683434	5450820	1651	pale bn slit	15	gravelly bldr till	VA17162536	0.001	0.07	0.02	0.07	<0.2	0.4	0.01	0.93	0.02	0.24	0.06	<0.1	2.09	1.3	1
PM17GW080	683399	5450789	1646	pale bn slit	15	soil from tree well	VA17162536	<0.001	0.07	0.04	0.05	0.2	0.5	0.01	1.03	0.08	0.42	<0.05	0.1	2.49	0.9	1
PM17GW081	683356	5450762	1641	pale bn slit	15	soil veneer above vesicular basalt outcrop	VA17162536	0.001	0.11	0.02	0.11	0.2	0.6	0.02	1.49	0.07	0.48	<0.05	<0.1	2.81	1.2	1
PM17GW082	683316	5450731	1638	pale bn slit	15	area of vesicular basalt out exposure	VA17162536	<0.001	0.12	0.03	0.06	0.2	0.7	0.02	1.94	0.05	0.57	0.1	<0.1	2.86	1.7	1
PM17GW083	683272	5450697	1635	tan bn slit	12	area of vesicular basalt out exposure	VA17162536	0.001	0.1	0.02	0.14	0.3	0.6	0.03	4.59	0.16	1.34	0.05	<0.1	3.36	12.2	<1
PM17GW084	683234	5450669	1632	pale bn slit	5	bldr till	VA17162536	0.001	0.09	0.03	0.08	<0.2	0.5	0.02	1.64	0.05	0.49	<0.05	0.1	2.54	2.8	1
PM17GW085	683197	5450647	1626	pale bn slit	10	bldr till over vesicular basalt	VA17162536	0.001	0.09	0.01	0.19	0.5	0.3	0.02	1.91	0.09	0.67	<0.05	<0.1	2.88	3.3	<1
PM17GW086	683161	5450619	1622	pale bn slit	10	bldr till	VA17162536	0.001	0.1	0.04	0.13	0.3	0.5	0.02	1.49	0.09	0.48	0.05	<0.1	2.49	3.6	1
PM17GW087	683110	5450646	1618	dk bn snd	15	gravelly till	VA17162536	0.005	0.09	0.04	0.63	0.9	0.2	0.05	2.03	0.32	0.57	0.05	<0.1	1.45	7.6	1
PM17GW088	683132	5450693	1612	dk bn snd	15	gravelly till	VA17162536	0.005	0.09	0.04	0.67	0.8	0.2	0.05	1.95	0.3	0.54	<0.05	0.2	1.47	8.8	1
PM17GW089	683149	5450760	1603	pale gry slit	15	bldr till	VA17162536	0.03	0.08	0.02	0.21	0.3	0.4	0.02	1.44	0.08	0.43	<0.05	<0.1	2.06	2.7	1
PM17GW090	683085	5450731	1598	gry slit	15	bldr till	VA17162536	0.001	0.04	0.01	0.08	<0.2	0.3	0.01	1.25	0.03	0.34	<0.05	<0.1	2.02	1.5	1
PM17GW091	683048	5450714	1595	pale bn slit	15	thin soil veneer over andesite outcrop	VA17162536	0.001	0.07	0.01	0.12	0.2	0.4	0.02	1.54	0.1	0.47	<0.05	<0.1	2.33	5.7	1
PM17GW092	683003	5450689	1587	pale bn slit	2	talus fines overlying andesite outcrop	VA17162536	0.001	0.09	0.02	0.12	0.2	0.5	0.02	1.61	0.09	0.62	<0.05	<0.1	2.67	6.9	1
PM17GW093	682952	5450658	1584	pale bn slit	12	soil above broken andesite outcrop	VA17162536	0.002	0.09	0.01	0.29	0.3	0.3	0.02	1.41	0.19	0.51	<0.05	<0.1	1.75	4.5	<1
PM17GW094	682894	5450636	1581	pale bn slit	15	bldr till	VA17162536	0.002	0.08	0.02	0.17	0.2	0.3	0.02	1.66	0.08	0.43	<0.05	<0.1	2.34	2.5	<1
PM17GW095	682844	5450642	1579	pale bn slit	12	bldr till	VA17162536	0.001	0.08	0.03	0.05	<0.2	0.4	0.01	0.89	0.05	0.2	0.07	0.1	1.5	1.9	1
PM17GW096	682804	5450660	1574	pale bn slit	10	fines recovered in gravelly bldr till	VA17162536	0.003	0.09	0.01	0.34	0.6	0.4	0.04	2.77	0.26	0.77	<0.05	<0.1	2.08	5.7	1
PM17GW097	682749	5450651	1567	pale gry slit	5	fines recovered in gravelly bldr till	VA17162536	0.001	0.08	0.02	0.22	0.3	0.4	0.03	1.82	0.11	0.52	<0.05	0.1	2.09	3.2	1
PM17GW098	682710	5450643	1565	pale gry slit	5	coarse gravelly till	VA17162536	0.001	0.07	0.02	0.31	0.5	0.3	0.02	1.97	0.12	0.59	<0.05	<0.1	1.8	3.3	1

Sample No	ppm Ba	ppm Be	% Ca	ppm Cd	ppm Ce	ppm Co	ppm Cr	ppm Cu	% Fe	ppm Ga	% K	ppm La	% Mg	ppm Mn	ppm Mo	% Na	ppm Ni	ppm P	ppm Pb	% S	ppm Sc	ppm Sr	ppm Ti	ppm V	ppm Zn	ppb Au
PM17GW001	323	0.5	0.45	<0.2	68	13.4	82	23	2.03	5	0.13	25	0.56	409	<0.5	0.02	53	770	7.1	0.01	6.1	224	0.06	52.1	41	1
PM17GW002	328	0.4	0.59	0.2	27	30.1	116	99.9	4.39	7	0.28	11	1.56	652	0.8	0.03	80.9	790	7.3	<0.01	12.4	128	0.09	108.5	82	16
PM17GW003	216	0.4	0.17	<0.2	18	11.3	62	24.7	2.32	7	0.06	7	0.53	186	0.5	0.02	49.4	1440	5.8	<0.01	4.6	45	0.08	53.9	68	1
PM17GW004	137	0.4	0.5	<0.2	30	27.8	201	45.4	4.93	9	0.08	7	2.41	325	<0.5	0.01	77	370	5.9	<0.01	18	108	0.05	133	70	3
PM17GW005	241	0.5	0.4	<0.2	33	17.2	101	60.2	3.54	7	0.13	14	0.94	156	0.5	0.02	74.9	620	5.7	0.01	10.4	149	0.06	96.2	60	4
PM17GW006	138	0.3	0.14	<0.2	11	10.4	44	23.4	2.16	7	0.07	4	0.46	313	0.6	0.02	28.5	700	5.7	0.01	3.4	27	0.08	57.7	49	1
PM17GW007	193	0.3	0.21	<0.2	21	11	61	31	2.49	6	0.19	6	0.7	211	1	0.02	32	360	5.2	0.01	4.6	38	0.1	72	55	2
PM17GW008	198	0.4	0.18	<0.2	14	7.6	55	24.1	2.2	7	0.11	6	0.44	174	0.9	0.02	37.1	1040	4.7	0.01	4.1	38	0.09	62.4	56	1
PM17GW009	202	0.5	0.33	0.2	22	12.5	55	32.3	2.52	7	0.13	9	0.54	426	0.7	0.02	39	1930	7.3	0.01	6.3	56	0.09	58.5	77	22
PM17GW010	157	0.3	0.27	<0.2	20	7.9	40	15.1	2	6	0.27	8	0.61	224	0.5	0.03	17.9	170	3.8	<0.01	5.9	38	0.13	63.4	43	2
PM17GW011	221	0.4	0.39	0.4	23	11.4	34	37.6	2.97	6	0.31	10	0.67	549	3.5	0.03	25.4	680	6.3	0.04	6.5	52	0.09	83.5	88	7
PM17GW012	238	0.5	0.32	0.3	27	10.8	33	45.3	3.43	6	0.32	11	0.68	543	6.7	0.03	26	510	7.4	0.07	7.9	54	0.08	92.5	107	6
PM17GW013	196	0.4	0.19	0.5	17	7	22	22.7	2.07	6	0.11	9	0.38	373	1.8	0.02	20.3	390	6.6	0.02	3.9	37	0.08	57.8	132	3
PM17GW014	234	0.4	0.21	0.8	20	8.2	33	38.2	2.94	6	0.16	9	0.55	349	4.4	0.02	26.7	710	6.4	0.04	5.4	42	0.08	75.7	162	4
PM17GW015	180	0.4	0.22	0.9	14	7.3	19	19	2.12	6	0.09	5	0.29	577	3.1	0.02	18.2	920	6.5	0.03	2.6	29	0.06	47.9	152	5
PM17GW016	172	0.5	0.37	0.9	22	11.5	34	57.6	3.86	6	0.19	10	0.59	502	8.7	0.03	30.3	710	9.1	0.07	5.7	41	0.06	82.4	164	12
PM17GW017	183	0.4	0.58	1.2	17	14.4	38	57.7	3.82	6	0.32	8	0.82	693	4.4	0.05	37.6	790	8.3	0.02	6.8	44	0.08	90.9	140	22
PM17GW018	173	0.4	0.21	0.8	17	7	19	22.6	2.41	6	0.1	6	0.32	327	3.2	0.02	17.1	1080	6.9	0.03	3	23	0.07	50.8	152	3
PM17GW019	174	0.4	0.31	1.2	14	7.6	21	24.2	2.36	6	0.1	6	0.38	463	2.7	0.02	20.1	1670	5.9	0.02	3	35	0.07	51.5	193	3
PM17GW020	164	0.5	0.3	1.4	23	8.8	28	31.4	2.68	7	0.09	8	0.49	316	2.6	0.03	27.7	920	5.7	0.03	4.9	34	0.07	56.9	211	7
PM17GW021	234	0.5	0.38	1.1	21	11.1	34	47.1	3.54	7	0.15	8	0.64	420	8.3	0.02	31.5	610	7.9	0.05	5.6	37	0.07	97.4	205	5
PM17GW022	205	0.4	0.21	0.5	19	8	26	27.3	2.48	5	0.19	8	0.43	310	3.6	0.02	20.5	680	5.6	0.04	4.5	39	0.08	67	144	3
PM17GW023	199	0.5	0.31	0.4	19	8.1	26	31.7	2.63	7	0.13	8	0.42	359	2.7	0.02	24.7	960	7.4	0.02	4	37	0.07	57.4	132	4
PM17GW024	155	0.5	0.38	0.3	22	9.7	38	40	3.02	6	0.24	10	0.68	355	3.7	0.02	25.4	370	6.6	0.03	6	37	0.09	76.8	94	7
PM17GW025	201	0.5	0.33	0.6	22	8	24	25.2	2.42	7	0.08	7	0.37	290	1.6	0.02	24.3	1220	7	0.01	3.6	27	0.08	49.3	125	3
PM17GW026	215	0.5	0.3	0.5	21	8.7	24	29.6	2.61	7	0.13	8	0.41	343	2.5	0.02	24.8	1020	6.8	0.02	4.2	30	0.08	56.9	144	4
PM17GW027	283	0.5	0.55	1.3	23	15.7	49	75	4.63	8	0.27	10	1.07	742	10.6	0.04	44.6	820	8.8	0.05	8.9	52	0.08	122.5	200	10
PM17GW028	229	0.5	0.46	0.5	26	16.6	55	47.9	3.88	8	0.38	11	1.07	651	3.1	0.03	35.9	850	7.1	0.01	9.2	55	0.12	108	119	13
PM17GW029	212	0.5	0.41	0.7	27	11.5	49	49.1	3.94	7	0.35	11	1.13	500	6.8	0.04	31.1	570	6.9	0.05	8.4	71	0.1	103	172	6
PM17GW030	167	0.5	0.33	0.3	24	11	46	55.6	3.76	6	0.27	11	0.76	418	4.3	0.02	29.8	660	6.6	0.03	7.2	54	0.1	90.2	97	10
PM17GW031	233	0.5	0.21	0.2	22	9.9	39	33	3.09	8	0.19	8	0.65	331	2.4	0.02	27.4	660	6.3	0.02	5.2	38	0.1	73.9	97	3
PM17GW032	296	0.4	0.32	0.3	22	10.4	42	31.6	2.96	7	0.25	8	0.73	347	1.4	0.02	29.5	640	5.9	0.01	5.4	39	0.11	72.9	97	7
PM17GW033	254	0.4	0.3	0.3	22	11.7	52	39.2	3.04	7	0.27	9	0.82	489	2.1	0.03	30.9	510	6.4	0.02	6.7	41	0.1	82.1	101	144
PM17GW034	294	0.4	0.21	0.3	22	10.9	53	42	3.25	7	0.3	8	0.86	254	3	0.02	34.9	620	5.4	0.02	6.4	32	0.1	86.4	95	28
PM17GW035	224	0.4	0.34	0.2	24	9.9	49	48.1	3.22	6	0.24	10	0.77	341	4.2	0.04	27.5	440	5.2	0.03	7.9	61	0.09	87.9	76	8
PM17GW036	235	0.4	0.4	<0.2	19	17.3	83	64.7	4.12	8	0.43	9	1.39	543	1	0.02	48.9	650	6.1	<0.01	9.7	45	0.11	112	79	18
PM17GW037	263	0.4	0.48	0.3	21	19.5	73	61	4.2	8	0.38	9	1.35	645	1.6	0.03	46.9	730	6.8	0.01	9.9	48	0.11	111	90	14
PM17GW038	187	0.3	0.46	<0.2	23	16.5	78	61.1	3.98	7	0.35	10	1.29	478	0.7	0.03	45.4	620	6.4	<0.01	9.8	80	0.12	107.5	70	31
PM17GW039	246	0.3	0.45	<0.2	18	21.6	102	88.6	4.55	9	0.4	8	1.71	565	0.8	0.02	52	480	6.1	<0.01	11.3	54	0.14	123.5	74	24
PM17GW040	169	0.3	0.35	<0.2	23	13.8	75	68.4	3.55	7	0.36	13	1.1	336	1.3	0.02	42.4	370	5.7	0.01	9.9	54	0.12	94.3	63	21
PM17GW041	215	0.4	0.44	0.2	22	18.7	83	61	3.82	8	0.3	10	1.26	594	1	0.02	46	560	7	<0.01	9.6	47	0.11	100.5	72	18
PM17GW042	250	0.4	0.63	<0.2	21	22.3	96	71.9	4.46	9	0.39	10	1.54	625	1	0.04	54.2	680	6.6	<0.01	10.4	41	0.13	118.5	87	10
PM17GW043	323	0.3	0.55	<0.2	20	25.3	110	90.3	4.63	9	0.44	9	1.72	624	0.9	0.05	58.2	610	4.9	<0.01	11.3	45	0.13	126	80	10
PM17GW044	232	0.2	0.52	<0.2	13	18.7	119	81.2	3.65	8	0.23	6	1.61	385	<0.5	0.06	53.5	460	2.4	<0.01	9.5	42	0.12	104	54	8
PM17GW045	190	0.3	0.48	<0.2	26	14.7	61	55.1	3.11	5	0.18	11	0.97	437	2.1	0.04	46.7	810	10.5	0.01	7.1	53	0.1	85.6	60	20
PM17GW046	152	0.3	0.44	<0.2	23	12.1	75	49.6	3.08	5	0.19	10	0.92	330	1.1	0.04	38.2	560	4.5	<0.01	7.5	57	0.11	85.2	48	16
PM17GW047	154	0.2	0.45	<0.2	31	10.8	42	28.4	2.63	4	0.11	14	0.59	367	0.5	0.04	30.8	970	3.7	<0.01	5	63	0.09	76.3	42	12
PM17GW048	194	0.4	0.61	<0.2	18	32.2	240	89.4	5.26	10	0.2	9	2.09	1140	0.8	0.03	103	520	6	<0.01	21.2	51	0.06	144.5	62	18
PM17GW049	151	0.2	0.45	<0.2	30	10.4	48	27.8	2.57	4	0.14	14	0.61	342	0.5	0.04	31.4	1010	3.1	<0.01	4.9	59	0.09	74.8	39	13
PM17GW050	153	0.3	0.38	<0.2	28	14.6	71	39.9	2.8	5	0.16	12	0.76	411	0.5	0.03	39.7	750	4.2	<0.01	6	54	0.09	76.7	45	8
PM17GW051	158	0.3	0.48	<0.2	25	22.2	148	73	3.92	8	0.16	14	1.54	430	0.5	0.04	69.6	600	3.7	<0.01	9.4	72	0.1	105.5	51	6
PM17GW052	193	0.3	0.29	<0.2	15	11.3	66	35.9	2.75	6	0.18	6	0.74	181	0.6	0.03	35	470	4.5	<0.01	5	43	0.1	72.4	45	8
PM17GW053	144	0.3	0.33	<0.2	21	13	66	40.7	2.45	5	0.16	8	0.72	299	0.6	0.03	37.4	610	4	<0.01	5.2	35	0.09	66.8	43	2
PM17GW054	186	0.3	0.26	<0.2	15	8.7	46																			

Sample No	ppm Ba	ppm Be	% Ca	ppm Cd	ppm Ce	ppm Co	ppm Cr	ppm Cu	% Fe	ppm Ga	% K	ppm La	% Mg	ppm Mn	ppm Mo	% Na	ppm Ni	ppm P	ppm Pb	% S	ppm Sc	ppm Sr	ppm Ti	ppm V	ppm Zn	ppb Au
PM17GW069	284	0.3	0.66	<0.2	16	60.6	360	219	5.58	10	0.3	7	2.66	760	1.4	0.03	246	330	7	<0.01	12	40	0.1	129	72	5
PM17GW070	164	0.3	0.4	<0.2	19	10.7	54	33	2.45	6	0.12	9	0.69	388	<0.5	0.02	30.6	870	4.6	<0.01	5.2	47	0.08	62.7	47	12
PM17GW071	155	0.3	0.41	<0.2	25	13.8	52	36.9	2.51	5	0.17	11	0.71	491	1.1	0.03	35.8	780	4.8	0.01	5.2	54	0.08	69.9	48	4
PM17GW072	155	0.3	0.42	<0.2	29	10.4	50	30.8	2.43	5	0.13	13	0.65	423	0.5	0.03	28.7	460	4.5	<0.01	6.5	58	0.09	67.3	44	2
PM17GW073	219	0.5	0.51	0.2	46	22.9	60	49.1	3.21	4	0.19	19	0.49	424	1.4	0.03	103	900	7.9	0.01	9.4	123	0.06	75.3	78	4
PM17GW074	93	0.5	0.28	<0.2	13	4.1	25	14	1.44	5	0.04	7	0.23	305	<0.5	0.02	11.8	240	4.7	<0.01	3	48	0.07	35	26	<1
PM17GW075	136	0.3	0.27	<0.2	22	8.2	50	21.9	2.24	5	0.05	7	0.37	239	0.7	0.02	25.2	310	4.2	<0.01	3.8	54	0.09	56	36	1
PM17GW076	142	0.2	0.24	<0.2	22	7.3	46	22.7	2.04	5	0.04	6	0.35	166	0.6	0.02	27.4	280	4.2	<0.01	3.2	58	0.09	53.6	32	1
PM17GW077	101	0.4	0.13	<0.2	12	6.4	24	14.2	1.74	6	0.05	4	0.19	145	<0.5	0.02	18	1100	4.7	<0.01	2.2	22	0.09	42.1	40	1
PM17GW078	120	0.2	0.2	<0.2	8	4.5	27	10.4	1.45	5	0.03	3	0.22	312	<0.5	0.02	14.2	250	3.6	<0.01	1.9	38	0.08	37.8	30	1
PM17GW079	106	0.3	0.12	<0.2	6	5.3	27	10.8	1.62	6	0.05	3	0.19	119	<0.5	0.02	15.8	740	3.9	<0.01	1.6	19	0.08	40.6	32	1
PM17GW080	116	0.4	0.17	<0.2	11	5.9	22	12.8	1.63	7	0.09	5	0.13	852	<0.5	0.02	14.6	1090	5.5	0.01	2.5	29	0.06	35	62	<1
PM17GW081	211	0.5	0.21	<0.2	14	6.1	30	16.8	1.94	7	0.06	7	0.27	240	<0.5	0.02	29.1	970	6.3	<0.01	2.5	45	0.09	39.2	53	1
PM17GW082	142	0.6	0.09	<0.2	16	3.6	19	13	1.56	8	0.04	7	0.17	63	<0.5	0.02	32.8	1630	6.6	<0.01	2.3	28	0.11	29.6	38	<1
PM17GW083	367	1.5	0.49	<0.2	79	26.5	70	67	5.17	8	0.13	32	0.34	263	1.2	0.02	126.5	1480	11.5	<0.01	8.8	219	0.15	86.3	93	1
PM17GW084	183	0.5	0.15	<0.2	21	10	34	18.9	2.05	7	0.06	8	0.18	427	0.5	0.02	59	1250	6.5	<0.01	2.6	40	0.08	50.3	69	1
PM17GW085	216	0.5	0.32	<0.2	28	9.2	51	32.9	2.53	7	0.08	10	0.54	218	<0.5	0.01	37.1	500	7.2	<0.01	5	72	0.07	57.6	45	1
PM17GW086	174	0.4	0.23	<0.2	23	7.5	28	21.4	1.86	6	0.05	9	0.28	544	0.5	0.02	31.9	1120	6.6	0.01	3	48	0.07	41.2	59	1
PM17GW087	157	0.4	0.39	<0.2	34	14	46	53.8	2.8	4	0.07	15	0.61	618	0.8	0.02	36.2	610	6.3	<0.01	6.4	78	0.06	61.2	58	5
PM17GW088	143	0.4	0.37	<0.2	32	13.4	45	53.9	2.85	4	0.07	13	0.6	574	0.7	0.02	34.9	590	5.6	<0.01	6.3	73	0.06	60.8	60	5
PM17GW089	156	0.3	0.23	<0.2	17	6.9	38	22.1	2.03	5	0.06	6	0.34	212	<0.5	0.01	24.5	850	4.5	<0.01	3.6	42	0.07	46.9	56	30
PM17GW090	217	0.3	0.2	<0.2	21	7.1	47	17.3	1.99	5	0.05	5	0.29	143	<0.5	0.02	23	560	3.2	<0.01	3	42	0.09	65.1	32	1
PM17GW091	116	0.3	0.26	<0.2	19	10.2	49	28.7	2.48	6	0.06	7	0.46	178	0.6	0.02	30.8	290	5.4	<0.01	4.3	49	0.11	63.5	43	1
PM17GW092	148	0.4	0.28	<0.2	26	10.9	28	30	2.89	7	0.07	8	0.4	278	<0.5	0.02	27.5	420	6.7	<0.01	5.5	58	0.07	49.6	56	1
PM17GW093	97	0.3	0.26	<0.2	24	8.3	45	27	2.39	4	0.07	7	0.47	226	0.6	0.02	23	240	5.1	<0.01	4.2	46	0.08	61.4	42	2
PM17GW094	196	0.3	0.22	<0.2	20	7.7	40	22.1	2.15	6	0.07	7	0.35	239	0.5	0.02	24.4	560	5.4	<0.01	3.8	44	0.08	51.1	52	2
PM17GW095	82	0.2	0.08	<0.2	10	4	9	5.7	1.28	5	0.03	3	0.08	313	0.5	0.02	9.3	1340	3.9	<0.01	1.4	11	0.07	29.1	58	1
PM17GW096	150	0.4	0.5	<0.2	46	16.6	54	58.5	3.12	6	0.11	18	0.93	585	0.7	0.03	56.7	770	7.2	<0.01	7.4	102	0.09	76	66	3
PM17GW097	137	0.4	0.32	<0.2	31	10.2	41	36.5	2.36	5	0.06	11	0.5	325	0.6	0.02	31.4	690	5.4	<0.01	4.8	67	0.08	56.4	51	1
PM17GW098	150	0.3	0.3	<0.2	24	10	49	39.3	2.74	5	0.06	8	0.51	237	1.3	0.02	31.8	220	4.8	<0.01	6.3	46	0.11	64.6	47	1



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To: **MAMMOTH GEOLOGICAL LTD.**
704- 1060 ALBERNI STREET
VANCOUVER BC V6E 4K2

Page: 1
Total # Pages: 4 (A - C)
Plus Appendix Pages
Finalized Date: 6- SEP- 2017
Account: MAMGEO

CERTIFICATE VA17162536

Project: Princeton Project

This report is for 101 Soil samples submitted to our lab in Vancouver, BC, Canada on 4- AUG- 2017.

The following have access to data associated with this certificate:

HENNEBERRY

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- TL43	Trace Level Au - 25g AR	ICP- MS
ME- MS43	Up to 11 elements 25g A/R MS	ICP- MS
ME- ICP43	Up to 18 element add- on AR Au	ICP- AES

To: **MAMMOTH GEOLOGICAL LTD.**
ATTN: HENNEBERRY
704- 1060 ALBERNI STREET
VANCOUVER BC V6E 4K2

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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CERTIFICATE OF ANALYSIS VA17162536

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- TL43 Au ppm	ME- MS43 Bi ppm	ME- MS43 Hg ppm	ME- MS43 Sb ppm	ME- MS43 Se ppm	ME- MS43 Sn ppm	ME- MS43 Te ppm	ME- MS43 Th ppm	ME- MS43 Tl ppm	ME- MS43 U ppm	ME- MS43 W ppm	ME- ICP43 Ag ppm	ME- ICP43 Al %	ME- ICP43 As ppm
		0.02	0.001	0.01	0.01	0.05	0.2	0.1	0.01	0.05	0.02	0.05	0.05	0.1	0.01	0.5
PM1 7GW001		0.40	0.001	0.12	0.02	0.11	0.4	0.4	0.02	2.51	0.11	0.96	<0.05	<0.1	2.01	1.0
PM1 7GW002		0.32	0.016	0.09	0.02	0.49	0.7	0.3	0.10	2.21	0.18	0.86	0.06	<0.1	2.49	13.5
PM1 7GW003		0.46	0.001	0.07	0.02	0.18	0.3	0.3	0.02	1.77	0.05	0.42	0.07	<0.1	2.79	3.3
PM1 7GW004		0.38	0.003	0.05	0.01	0.31	0.3	0.3	0.03	1.31	0.06	0.46	<0.05	<0.1	3.20	25.5
PM1 7GW005		0.40	0.004	0.12	0.02	0.51	0.4	0.3	0.04	1.93	0.14	0.55	0.05	0.1	2.66	9.1
PM1 7GW006		0.38	0.001	0.08	0.02	0.22	0.3	0.4	0.03	1.13	0.06	0.27	0.08	0.1	2.28	6.2
PM1 7GW007		0.46	0.002	0.09	0.02	0.33	0.4	0.3	0.03	1.65	0.12	0.39	0.07	0.1	2.23	6.8
PM1 7GW008		0.46	0.001	0.08	0.03	0.22	0.5	0.4	0.02	1.30	0.08	0.40	0.07	0.1	2.58	4.6
PM1 7GW009		0.40	0.022	0.11	0.03	0.25	0.5	0.4	0.03	1.84	0.13	0.54	0.08	0.1	2.85	4.1
PM1 7GW010		0.48	0.002	0.06	0.03	0.21	0.4	0.4	0.02	1.59	0.17	0.44	0.06	0.2	1.75	4.0
PM1 7GW011		0.52	0.007	0.09	0.08	0.98	1.5	0.4	0.05	1.65	0.21	0.77	0.10	0.2	1.90	20.0
PM1 7GW012		0.36	0.006	0.10	0.04	1.44	2.4	0.4	0.07	1.99	0.26	1.11	0.11	0.2	2.26	25.6
PM1 7GW013		0.32	0.003	0.09	0.03	0.39	0.8	0.4	0.02	1.36	0.13	0.54	0.06	0.5	2.02	7.8
PM1 7GW014		0.40	0.004	0.11	0.03	0.94	1.6	0.4	0.05	1.84	0.17	0.72	0.10	0.4	2.34	17.7
PM1 7GW015		0.34	0.005	0.10	0.06	0.59	1.1	0.4	0.04	0.99	0.10	0.42	0.10	0.5	1.89	10.0
PM1 7GW016		0.44	0.012	0.12	0.06	2.46	3.6	0.4	0.09	1.79	0.24	1.49	0.12	1.0	2.29	30.9
PM1 7GW017		0.50	0.022	0.10	0.02	2.10	2.1	0.3	0.09	1.96	0.22	0.76	0.14	0.4	2.12	58.8
PM1 7GW018		0.42	0.003	0.11	0.05	0.70	1.1	0.4	0.04	1.35	0.11	0.57	0.11	0.5	2.14	15.5
PM1 7GW019		0.44	0.003	0.11	0.05	0.65	1.4	0.4	0.04	0.87	0.10	0.55	0.11	0.6	2.28	21.2
PM1 7GW020		0.38	0.007	0.12	0.07	0.83	1.9	0.5	0.04	1.24	0.15	1.62	0.11	1.0	2.78	42.1
PM1 7GW021		0.42	0.005	0.11	0.05	2.19	2.2	0.4	0.07	1.73	0.28	1.01	0.11	0.6	2.46	24.0
PM1 7GW022		0.46	0.003	0.09	0.03	0.78	1.3	0.4	0.04	1.52	0.16	0.64	0.10	0.5	1.90	13.6
PM1 7GW023		0.32	0.004	0.11	0.06	0.71	1.2	0.5	0.04	1.38	0.12	0.69	0.08	0.6	2.48	11.7
PM1 7GW024		0.40	0.007	0.09	0.03	1.24	1.7	0.4	0.06	1.61	0.23	1.13	0.10	1.2	2.13	19.6
PM1 7GW025		0.38	0.003	0.11	0.03	0.51	0.9	0.5	0.03	1.74	0.10	0.61	0.09	0.6	2.61	9.1
PM1 7GW026		0.36	0.004	0.12	0.04	0.65	0.9	0.5	0.04	1.81	0.14	0.67	0.09	0.5	2.58	11.0
PM1 7GW027		0.46	0.010	0.11	0.05	3.19	3.2	0.4	0.10	2.50	0.39	1.61	0.11	0.4	2.86	40.8
PM1 7GW028		0.42	0.013	0.09	0.03	1.26	1.5	0.4	0.07	2.34	0.25	0.67	0.08	0.1	2.65	23.2
PM1 7GW029		0.46	0.006	0.08	0.04	1.96	1.9	0.4	0.06	2.59	0.30	1.01	0.08	0.3	2.66	18.0
PM1 7GW030		0.38	0.010	0.09	0.05	1.44	1.7	0.3	0.07	2.25	0.19	0.84	0.08	0.2	2.16	18.8
PM1 7GW031		0.36	0.003	0.10	0.03	0.73	1.0	0.5	0.05	1.89	0.14	0.51	0.07	0.3	2.68	12.2
PM1 7GW032		0.40	0.007	0.10	0.02	0.59	0.8	0.5	0.04	2.03	0.14	0.50	0.07	0.4	2.47	11.0
PM1 7GW033		0.42	0.144	0.08	0.03	0.85	1.0	0.4	0.05	1.42	0.16	0.55	0.07	0.4	2.26	16.7
PM1 7GW034		0.50	0.028	0.07	0.01	1.31	1.3	0.4	0.05	1.74	0.16	0.50	0.08	0.3	2.10	28.4
PM1 7GW035		0.48	0.008	0.09	0.03	1.17	1.5	0.4	0.04	2.44	0.19	0.83	0.07	0.2	1.84	17.4
PM1 7GW036		0.44	0.018	0.09	0.02	1.07	0.8	0.4	0.08	2.15	0.16	0.46	0.09	<0.1	2.43	37.3
PM1 7GW037		0.50	0.014	0.09	0.01	1.09	0.9	0.4	0.09	2.15	0.16	0.46	0.09	0.1	2.37	35.0
PM1 7GW038		0.54	0.031	0.09	0.02	0.73	0.7	0.4	0.12	2.79	0.15	0.64	0.09	0.2	2.28	20.7
PM1 7GW039		0.58	0.024	0.10	0.02	0.63	0.7	0.4	0.16	1.77	0.14	0.45	0.14	0.2	2.82	35.7
PM1 7GW040		0.54	0.021	0.09	0.03	0.65	1.0	0.3	0.08	2.09	0.13	0.65	0.12	0.2	2.40	24.9



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Sample Description	Method Analyte Units LOR	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43
		B ppm	Ba ppm	Be ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %
PM1 7GW001	1	323	0.5	0.45	<0.2	68	13.4	82	23.0	2.03	5	0.13	25	0.56	409
PM1 7GW002	1	328	0.4	0.59	0.2	27	30.1	116	99.9	4.39	7	0.28	11	1.56	652
PM1 7GW003	2	216	0.4	0.17	<0.2	18	11.3	62	24.7	2.32	7	0.06	7	0.53	186
PM1 7GW004	<1	137	0.4	0.50	<0.2	30	27.8	201	45.4	4.93	9	0.08	7	2.41	325
PM1 7GW005	1	241	0.5	0.40	<0.2	33	17.2	101	60.2	3.54	7	0.13	14	0.94	156
PM1 7GW006	1	138	0.3	0.14	<0.2	11	10.4	44	23.4	2.16	7	0.07	4	0.46	313
PM1 7GW007	1	193	0.3	0.21	<0.2	21	11.0	61	31.0	2.49	6	0.19	6	0.70	211
PM1 7GW008	1	198	0.4	0.18	<0.2	14	7.6	55	24.1	2.20	7	0.11	6	0.44	174
PM1 7GW009	1	202	0.5	0.33	0.2	22	12.5	55	32.3	2.52	7	0.13	9	0.54	426
PM1 7GW010	1	157	0.3	0.27	<0.2	20	7.9	40	15.1	2.00	6	0.27	8	0.61	224
PM1 7GW011	1	221	0.4	0.39	0.4	23	11.4	34	37.6	2.97	6	0.31	10	0.67	549
PM1 7GW012	1	238	0.5	0.32	0.3	27	10.8	33	45.3	3.43	6	0.32	11	0.68	543
PM1 7GW013	1	196	0.4	0.19	0.5	17	7.0	22	22.7	2.07	6	0.11	9	0.38	373
PM1 7GW014	1	234	0.4	0.21	0.8	20	8.2	33	38.2	2.94	6	0.16	9	0.55	349
PM1 7GW015	1	180	0.4	0.22	0.9	14	7.3	19	19.0	2.12	6	0.09	5	0.29	577
PM1 7GW016	1	172	0.5	0.37	0.9	22	11.5	34	57.6	3.86	6	0.19	10	0.59	502
PM1 7GW017	1	183	0.4	0.58	1.2	17	14.4	38	57.7	3.82	6	0.32	8	0.82	693
PM1 7GW018	1	173	0.4	0.21	0.8	17	7.0	19	22.6	2.41	6	0.10	6	0.32	327
PM1 7GW019	1	174	0.4	0.31	1.2	14	7.6	21	24.2	2.36	6	0.10	6	0.38	463
PM1 7GW020	1	164	0.5	0.30	1.4	23	8.8	28	31.4	2.68	7	0.09	8	0.49	316
PM1 7GW021	1	234	0.5	0.38	1.1	21	11.1	34	47.1	3.54	7	0.15	8	0.64	420
PM1 7GW022	1	205	0.4	0.21	0.5	19	8.0	26	27.3	2.48	5	0.19	8	0.43	310
PM1 7GW023	1	199	0.5	0.31	0.4	19	8.1	26	31.7	2.63	7	0.13	8	0.42	359
PM1 7GW024	1	155	0.5	0.38	0.3	22	9.7	38	40.0	3.02	6	0.24	10	0.68	355
PM1 7GW025	1	201	0.5	0.33	0.6	22	8.0	24	25.2	2.42	7	0.08	7	0.37	290
PM1 7GW026	1	215	0.5	0.30	0.5	21	8.7	24	29.6	2.61	7	0.13	8	0.41	343
PM1 7GW027	1	283	0.5	0.55	1.3	23	15.7	49	75.0	4.63	8	0.27	10	1.07	742
PM1 7GW028	1	229	0.5	0.46	0.5	26	16.6	55	47.9	3.88	8	0.38	11	1.07	651
PM1 7GW029	1	212	0.5	0.41	0.7	27	11.5	49	49.1	3.94	7	0.35	11	1.13	500
PM1 7GW030	1	167	0.5	0.33	0.3	24	11.0	46	55.6	3.76	6	0.27	11	0.76	418
PM1 7GW031	1	233	0.5	0.21	0.2	22	9.9	39	33.0	3.09	8	0.19	8	0.65	331
PM1 7GW032	1	296	0.4	0.32	0.3	22	10.4	42	31.6	2.96	7	0.25	8	0.73	347
PM1 7GW033	1	254	0.4	0.30	0.3	22	11.7	52	39.2	3.04	7	0.27	9	0.82	489
PM1 7GW034	1	294	0.4	0.21	0.3	22	10.9	53	42.0	3.25	7	0.30	8	0.86	254
PM1 7GW035	1	224	0.4	0.34	0.2	24	9.9	49	48.1	3.22	6	0.24	10	0.77	341
PM1 7GW036	<1	235	0.4	0.40	<0.2	19	17.3	83	64.7	4.12	8	0.43	9	1.39	543
PM1 7GW037	<1	263	0.4	0.48	0.3	21	19.5	73	61.0	4.20	8	0.38	9	1.35	645
PM1 7GW038	<1	187	0.3	0.46	<0.2	23	16.5	78	61.1	3.98	7	0.35	10	1.29	478
PM1 7GW039	<1	246	0.3	0.45	<0.2	18	21.6	102	88.6	4.55	9	0.40	8	1.71	565
PM1 7GW040	1	169	0.3	0.35	<0.2	23	13.8	75	68.4	3.55	7	0.36	13	1.10	336



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Sample Description	Method Analyte Units LOR	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	
		Mo	Na	Ni	P	Pb	S	Sc	Sr	Ti	V	Zn
		ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.5	0.01	0.5	10	0.5	0.01	0.1	1	0.01	0.5	1
PM1 7GW001		<0.5	0.02	53.0	770	7.1	0.01	6.1	224	0.06	52.1	41
PM1 7GW002		0.8	0.03	80.9	790	7.3	<0.01	12.4	128	0.09	108.5	82
PM1 7GW003		0.5	0.02	49.4	1440	5.8	<0.01	4.6	45	0.08	53.9	68
PM1 7GW004		<0.5	0.01	77.0	370	5.9	<0.01	18.0	108	0.05	133.0	70
PM1 7GW005		0.5	0.02	74.9	620	5.7	0.01	10.4	149	0.06	96.2	60
PM1 7GW006		0.6	0.02	28.5	700	5.7	0.01	3.4	27	0.08	57.7	49
PM1 7GW007		1.0	0.02	32.0	360	5.2	0.01	4.6	38	0.10	72.0	55
PM1 7GW008		0.9	0.02	37.1	1040	4.7	0.01	4.1	38	0.09	62.4	56
PM1 7GW009		0.7	0.02	39.0	1930	7.3	0.01	6.3	56	0.09	58.5	77
PM1 7GW010		0.5	0.03	17.9	170	3.8	<0.01	5.9	38	0.13	63.4	43
PM1 7GW011		3.5	0.03	25.4	680	6.3	0.04	6.5	52	0.09	83.5	88
PM1 7GW012		6.7	0.03	26.0	510	7.4	0.07	7.9	54	0.08	92.5	107
PM1 7GW013		1.8	0.02	20.3	390	6.6	0.02	3.9	37	0.08	57.8	132
PM1 7GW014		4.4	0.02	26.7	710	6.4	0.04	5.4	42	0.08	75.7	162
PM1 7GW015		3.1	0.02	18.2	920	6.5	0.03	2.6	29	0.06	47.9	152
PM1 7GW016		8.7	0.03	30.3	710	9.1	0.07	5.7	41	0.06	82.4	164
PM1 7GW017		4.4	0.05	37.6	790	8.3	0.02	6.8	44	0.08	90.9	140
PM1 7GW018		3.2	0.02	17.1	1080	6.9	0.03	3.0	23	0.07	50.8	152
PM1 7GW019		2.7	0.02	20.1	1670	5.9	0.02	3.0	35	0.07	51.5	193
PM1 7GW020		2.6	0.03	27.7	920	5.7	0.03	4.9	34	0.07	56.9	211
PM1 7GW021		8.3	0.02	31.5	610	7.9	0.05	5.6	37	0.07	97.4	205
PM1 7GW022		3.6	0.02	20.5	680	5.6	0.04	4.5	39	0.08	67.0	144
PM1 7GW023		2.7	0.02	24.7	960	7.4	0.02	4.0	37	0.07	57.4	132
PM1 7GW024		3.7	0.02	25.4	370	6.6	0.03	6.0	37	0.09	76.8	94
PM1 7GW025		1.6	0.02	24.3	1220	7.0	0.01	3.6	27	0.08	49.3	125
PM1 7GW026		2.5	0.02	24.8	1020	6.8	0.02	4.2	30	0.08	56.9	144
PM1 7GW027		10.6	0.04	44.6	820	8.8	0.05	8.9	52	0.08	122.5	200
PM1 7GW028		3.1	0.03	35.9	850	7.1	0.01	9.2	55	0.12	108.0	119
PM1 7GW029		6.8	0.04	31.1	570	6.9	0.05	8.4	71	0.10	103.0	172
PM1 7GW030		4.3	0.02	29.8	660	6.6	0.03	7.2	54	0.10	90.2	97
PM1 7GW031		2.4	0.02	27.4	660	6.3	0.02	5.2	38	0.10	73.9	97
PM1 7GW032		1.4	0.02	29.5	640	5.9	0.01	5.4	39	0.11	72.9	97
PM1 7GW033		2.1	0.03	30.9	510	6.4	0.02	6.7	41	0.10	82.1	101
PM1 7GW034		3.0	0.02	34.9	620	5.4	0.02	6.4	32	0.10	86.4	95
PM1 7GW035		4.2	0.04	27.5	440	5.2	0.03	7.9	61	0.09	87.9	76
PM1 7GW036		1.0	0.02	48.9	650	6.1	<0.01	9.7	45	0.11	112.0	79
PM1 7GW037		1.6	0.03	46.9	730	6.8	0.01	9.9	48	0.11	111.0	90
PM1 7GW038		0.7	0.03	45.4	620	6.4	<0.01	9.8	80	0.12	107.5	70
PM1 7GW039		0.8	0.02	52.0	480	6.1	<0.01	11.3	54	0.14	123.5	74
PM1 7GW040		1.3	0.02	42.4	370	5.7	0.01	9.9	54	0.12	94.3	63



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		Recvd Wt. kg	Au ppm	Bi ppm	Hg ppm	Sb ppm	Se ppm	Sn ppm	Te ppm	Th ppm	Tl ppm	U ppm	W ppm	Ag ppm	Al %	As ppm
PM1 7GW041		0.36	0.018	0.11	0.01	0.67	0.8	0.4	0.10	2.12	0.15	0.53	0.12	0.1	2.41	21.7
PM1 7GW042		0.56	0.010	0.11	0.01	0.65	0.9	0.4	0.09	2.32	0.16	0.46	0.11	0.3	2.76	21.1
PM1 7GW043		0.60	0.010	0.12	0.02	0.59	0.9	0.4	0.12	1.90	0.17	0.40	0.12	0.1	2.90	21.0
PM1 7GW044		0.60	0.008	0.06	0.02	0.32	0.7	0.3	0.05	1.39	0.11	0.46	0.09	0.1	2.46	11.2
PM1 7GW045		0.58	0.020	0.10	0.01	0.39	0.5	0.3	0.08	2.39	0.09	0.48	0.09	0.1	1.73	9.4
PM1 7GW046		0.60	0.016	0.07	0.01	0.36	0.6	0.3	0.05	1.82	0.09	0.48	0.07	<0.1	1.72	7.0
PM1 7GW047		0.58	0.012	0.06	0.01	0.21	0.3	0.3	0.04	2.75	0.08	0.63	0.07	<0.1	1.24	2.9
PM1 7GW048		0.68	0.018	0.11	0.03	0.44	0.6	0.5	0.05	1.51	0.12	0.58	0.06	0.2	3.16	21.4
PM1 7GW049		0.56	0.013	0.05	0.01	0.22	0.4	0.3	0.04	2.41	0.08	0.55	0.07	<0.1	1.20	4.2
PM1 7GW050		0.66	0.008	0.06	0.01	0.19	0.4	0.3	0.03	2.33	0.11	0.56	0.07	<0.1	1.64	5.7
PM1 7GW051		0.54	0.006	0.06	0.02	0.32	0.5	0.3	0.03	2.02	0.14	0.68	0.06	<0.1	2.44	13.6
PM1 7GW052		0.68	0.008	0.07	0.01	0.20	0.3	0.4	0.03	1.75	0.11	0.42	<0.05	0.1	2.05	4.2
PM1 7GW053		0.62	0.002	0.07	0.02	0.20	0.4	0.3	0.04	1.58	0.11	0.47	0.06	0.1	1.82	6.9
PM1 7GW054		0.30	0.011	0.08	0.02	0.16	0.3	0.4	0.02	1.17	0.08	0.35	0.05	0.1	1.87	3.6
PM1 7GW055		0.50	0.003	0.04	0.01	0.23	0.5	0.6	0.02	1.51	0.17	0.60	<0.05	<0.1	3.25	6.2
PM1 7GW056		0.48	0.003	0.06	0.01	0.15	0.3	0.3	0.02	1.21	0.08	0.38	0.05	<0.1	1.40	2.6
PM1 7GW057		0.54	0.002	0.07	0.01	0.13	0.3	0.4	0.03	1.31	0.07	0.30	0.05	0.1	1.82	2.2
PM1 7GW058		0.44	0.005	0.07	0.03	0.30	0.4	0.3	0.03	1.83	0.10	0.67	0.07	<0.1	1.38	5.4
PM1 7GW059		0.34	0.005	0.07	0.02	0.32	0.5	0.3	0.03	1.80	0.11	0.57	0.06	<0.1	1.60	4.6
PM1 7GW060		0.30	0.001	0.07	0.04	0.08	0.7	0.3	0.01	0.50	0.05	0.47	0.05	0.1	1.52	3.4
PM1 7GW061		0.42	0.002	0.07	0.02	0.18	0.4	0.3	0.02	1.29	0.08	0.42	0.05	<0.1	1.80	3.7
PM1 7GW062		0.50	0.002	0.08	0.02	0.10	0.2	0.5	0.02	1.37	0.06	0.33	0.06	0.1	2.58	3.7
PM1 7GW063		0.58	0.003	0.05	0.02	0.28	0.4	0.2	0.03	1.37	0.09	0.37	0.05	<0.1	1.49	6.8
PM1 7GW064		0.42	0.001	0.06	0.01	0.26	0.3	0.3	0.03	0.99	0.08	0.35	0.08	0.1	1.99	7.1
PM1 7GW065		0.40	0.001	0.07	0.02	0.15	0.3	0.4	0.02	1.35	0.07	0.38	0.13	0.1	1.92	3.3
PM1 7GW066		0.46	0.012	0.05	0.01	0.26	0.4	0.3	0.02	1.52	0.09	0.47	0.06	<0.1	1.44	4.1
PM1 7GW067		0.52	0.002	0.06	0.02	0.26	0.4	0.3	0.02	1.64	0.10	0.51	0.06	0.1	1.61	4.4
PM1 7GW068		0.36	0.005	0.41	0.02	0.58	0.7	0.5	0.56	0.87	0.32	0.55	<0.05	<0.1	2.88	41.4
PM1 7GW069		0.38	0.005	0.13	0.05	0.36	0.5	0.2	0.18	1.31	0.25	0.51	<0.05	<0.1	3.78	61.1
PM1 7GW070		0.36	0.012	0.08	0.02	0.22	0.3	0.3	0.05	1.93	0.10	0.52	0.07	<0.1	1.77	4.5
PM1 7GW071		0.50	0.004	0.07	0.01	0.31	0.4	0.3	0.05	1.65	0.11	0.64	0.08	<0.1	1.45	5.2
PM1 7GW072		0.44	0.002	0.07	0.03	0.21	0.4	0.3	0.03	1.72	0.13	0.98	0.05	<0.1	1.71	3.5
PM1 7GW073		0.44	0.004	0.11	0.03	0.37	0.9	0.3	0.06	2.37	0.21	1.27	<0.05	<0.1	1.63	14.0
PM1 7GW074		0.42	<0.001	0.08	0.01	0.07	0.3	0.4	<0.01	0.70	0.08	0.51	<0.05	<0.1	1.89	1.2
PM1 7GW075		0.42	0.001	0.06	0.02	0.21	0.4	0.3	0.02	1.21	0.05	0.41	<0.05	<0.1	1.89	3.5
PM1 7GW076		0.48	0.001	0.05	0.01	0.17	0.3	0.3	0.01	1.28	0.04	0.41	<0.05	<0.1	2.16	5.1
PM1 7GW077		0.42	0.001	0.09	0.03	0.09	0.2	0.5	0.02	1.27	0.04	0.39	0.06	0.1	2.27	2.8
PM1 7GW078		0.46	0.001	0.07	0.01	0.06	0.2	0.4	0.01	0.77	0.03	0.23	<0.05	<0.1	1.70	6.2
PM1 7GW079		0.38	0.001	0.07	0.02	0.07	<0.2	0.4	0.01	0.93	0.02	0.24	0.06	<0.1	2.09	1.3
PM1 7GW080		0.24	<0.001	0.07	0.04	0.05	0.2	0.5	0.01	1.03	0.08	0.42	<0.05	0.1	2.49	0.9



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Sample Description	Method Analyte Units LOR	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43
		B ppm	Ba ppm	Be ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %
PM1 7GW041	1	215	0.4	0.44	0.2	22	18.7	83	61.0	3.82	8	0.30	10	1.26	594
PM1 7GW042	<1	250	0.4	0.63	<0.2	21	22.3	96	71.9	4.46	9	0.39	10	1.54	625
PM1 7GW043	1	323	0.3	0.55	<0.2	20	25.3	110	90.3	4.63	9	0.44	9	1.72	624
PM1 7GW044	<1	232	0.2	0.52	<0.2	13	18.7	119	81.2	3.65	8	0.23	6	1.61	385
PM1 7GW045	1	190	0.3	0.48	<0.2	26	14.7	61	55.1	3.11	5	0.18	11	0.97	437
PM1 7GW046	<1	152	0.3	0.44	<0.2	23	12.1	75	49.6	3.08	5	0.19	10	0.92	330
PM1 7GW047	<1	154	0.2	0.45	<0.2	31	10.8	42	28.4	2.63	4	0.11	14	0.59	367
PM1 7GW048	<1	194	0.4	0.61	<0.2	18	32.2	240	89.4	5.26	10	0.20	9	2.09	1140
PM1 7GW049	1	151	0.2	0.45	<0.2	30	10.4	48	27.8	2.57	4	0.14	14	0.61	342
PM1 7GW050	1	153	0.3	0.38	<0.2	28	14.6	71	39.9	2.80	5	0.16	12	0.76	411
PM1 7GW051	<1	158	0.3	0.48	<0.2	25	22.2	148	73.0	3.92	8	0.16	14	1.54	430
PM1 7GW052	<1	193	0.3	0.29	<0.2	15	11.3	66	35.9	2.75	6	0.18	6	0.74	181
PM1 7GW053	1	144	0.3	0.33	<0.2	21	13.0	66	40.7	2.45	5	0.16	8	0.72	299
PM1 7GW054	1	186	0.3	0.26	<0.2	15	8.7	46	29.9	2.09	5	0.12	6	0.49	584
PM1 7GW055	1	205	0.5	0.69	<0.2	27	32.6	132	83.3	5.28	9	0.15	9	1.81	1840
PM1 7GW056	<1	123	0.2	0.25	<0.2	15	7.8	46	21.6	2.05	5	0.13	6	0.49	233
PM1 7GW057	1	190	0.3	0.18	<0.2	11	7.7	37	18.1	2.07	5	0.11	5	0.44	194
PM1 7GW058	1	142	0.2	0.52	0.2	25	11.0	53	29.6	2.48	4	0.14	11	0.62	454
PM1 7GW059	1	152	0.3	0.44	<0.2	27	12.4	50	33.1	2.62	5	0.15	11	0.67	442
PM1 7GW060	2	112	0.2	0.72	<0.2	14	5.3	29	15.1	1.40	4	0.07	5	0.33	207
PM1 7GW061	1	166	0.3	0.31	<0.2	17	8.8	49	25.6	2.13	5	0.12	6	0.53	267
PM1 7GW062	1	239	0.4	0.26	<0.2	10	10.7	58	29.7	2.24	7	0.11	4	0.58	249
PM1 7GW063	1	183	0.2	0.41	<0.2	18	15.0	77	57.0	2.64	5	0.13	7	0.85	401
PM1 7GW064	<1	198	0.3	0.27	<0.2	15	12.4	77	39.7	2.58	6	0.10	4	0.79	200
PM1 7GW065	1	196	0.3	0.21	<0.2	18	7.7	40	23.3	1.97	6	0.13	6	0.43	298
PM1 7GW066	1	160	0.2	0.26	<0.2	19	7.8	53	33.4	2.33	4	0.13	7	0.55	219
PM1 7GW067	<1	171	0.3	0.31	<0.2	21	9.5	56	36.0	2.52	5	0.13	10	0.64	261
PM1 7GW068	2	159	0.5	0.68	<0.2	12	22.0	159	63.4	5.43	8	0.16	7	1.40	767
PM1 7GW069	1	284	0.3	0.66	<0.2	16	60.6	360	219	5.58	10	0.30	7	2.66	760
PM1 7GW070	1	164	0.3	0.40	<0.2	19	10.7	54	33.0	2.45	6	0.12	9	0.69	388
PM1 7GW071	1	155	0.3	0.41	<0.2	25	13.8	52	36.9	2.51	5	0.17	11	0.71	491
PM1 7GW072	2	155	0.3	0.42	<0.2	29	10.4	50	30.8	2.43	5	0.13	13	0.65	423
PM1 7GW073	2	219	0.5	0.51	0.2	46	22.9	60	49.1	3.21	4	0.19	19	0.49	424
PM1 7GW074	1	93	0.5	0.28	<0.2	13	4.1	25	14.0	1.44	5	0.04	7	0.23	305
PM1 7GW075	1	136	0.3	0.27	<0.2	22	8.2	50	21.9	2.24	5	0.05	7	0.37	239
PM1 7GW076	1	142	0.2	0.24	<0.2	22	7.3	46	22.7	2.04	5	0.04	6	0.35	166
PM1 7GW077	1	101	0.4	0.13	<0.2	12	6.4	24	14.2	1.74	6	0.05	4	0.19	145
PM1 7GW078	1	120	0.2	0.20	<0.2	8	4.5	27	10.4	1.45	5	0.03	3	0.22	312
PM1 7GW079	1	106	0.3	0.12	<0.2	6	5.3	27	10.8	1.62	6	0.05	3	0.19	119
PM1 7GW080	1	116	0.4	0.17	<0.2	11	5.9	22	12.8	1.63	7	0.09	5	0.13	852



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Sample Description	Method Analyte Units LOR	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	
		Mo	Na	Ni	P	Pb	S	Sc	Sr	Ti	V	Zn
		ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.5	0.01	0.5	10	0.5	0.01	0.1	1	0.01	0.5	1
PM1 7GW041		1.0	0.02	46.0	560	7.0	<0.01	9.6	47	0.11	100.5	72
PM1 7GW042		1.0	0.04	54.2	680	6.6	<0.01	10.4	41	0.13	118.5	87
PM1 7GW043		0.9	0.05	58.2	610	4.9	<0.01	11.3	45	0.13	126.0	80
PM1 7GW044		<0.5	0.06	53.5	460	2.4	<0.01	9.5	42	0.12	104.0	54
PM1 7GW045		2.1	0.04	46.7	810	10.5	0.01	7.1	53	0.10	85.6	60
PM1 7GW046		1.1	0.04	38.2	560	4.5	<0.01	7.5	57	0.11	85.2	48
PM1 7GW047		0.5	0.04	30.8	970	3.7	<0.01	5.0	63	0.09	76.3	42
PM1 7GW048		0.8	0.03	103.0	520	6.0	<0.01	21.2	51	0.06	144.5	62
PM1 7GW049		0.5	0.04	31.4	1010	3.1	<0.01	4.9	59	0.09	74.8	39
PM1 7GW050		0.5	0.03	39.7	750	4.2	<0.01	6.0	54	0.09	76.7	45
PM1 7GW051		0.5	0.04	69.6	600	3.7	<0.01	9.4	72	0.10	105.5	51
PM1 7GW052		0.6	0.03	35.0	470	4.5	<0.01	5.0	43	0.10	72.4	45
PM1 7GW053		0.6	0.03	37.4	610	4.0	<0.01	5.2	35	0.09	66.8	43
PM1 7GW054		0.6	0.02	29.0	730	4.3	<0.01	3.8	34	0.08	52.7	55
PM1 7GW055		0.7	0.03	90.3	530	4.6	<0.01	19.3	68	0.04	119.5	67
PM1 7GW056		0.5	0.03	25.0	510	3.4	<0.01	3.9	30	0.08	58.1	40
PM1 7GW057		<0.5	0.02	25.0	700	3.8	<0.01	2.9	29	0.09	52.7	47
PM1 7GW058		1.3	0.05	29.0	790	4.5	0.01	4.4	47	0.09	69.0	48
PM1 7GW059		1.0	0.04	31.0	760	4.7	0.01	5.0	43	0.09	70.9	50
PM1 7GW060		<0.5	0.03	17.5	330	4.3	0.03	2.1	34	0.06	34.2	22
PM1 7GW061		0.6	0.03	27.8	730	4.2	0.01	3.9	29	0.08	56.4	43
PM1 7GW062		0.5	0.03	40.2	920	4.3	<0.01	3.2	29	0.09	55.2	50
PM1 7GW063		0.7	0.04	40.8	630	3.2	<0.01	5.4	42	0.08	74.3	42
PM1 7GW064		0.5	0.03	39.4	510	4.0	0.01	4.7	20	0.09	70.1	42
PM1 7GW065		0.6	0.02	27.1	870	4.5	0.01	3.4	24	0.08	52.4	54
PM1 7GW066		0.9	0.03	27.6	400	3.6	<0.01	4.8	27	0.09	69.1	41
PM1 7GW067		0.8	0.03	28.5	560	3.9	<0.01	5.5	37	0.10	72.9	43
PM1 7GW068		1.1	0.03	82.5	490	5.9	0.01	19.0	54	0.02	138.5	69
PM1 7GW069		1.4	0.03	246	330	7.0	<0.01	12.0	40	0.10	129.0	72
PM1 7GW070		<0.5	0.02	30.6	870	4.6	<0.01	5.2	47	0.08	62.7	47
PM1 7GW071		1.1	0.03	35.8	780	4.8	0.01	5.2	54	0.08	69.9	48
PM1 7GW072		0.5	0.03	28.7	460	4.5	<0.01	6.5	58	0.09	67.3	44
PM1 7GW073		1.4	0.03	103.0	900	7.9	0.01	9.4	123	0.06	75.3	78
PM1 7GW074		<0.5	0.02	11.8	240	4.7	<0.01	3.0	48	0.07	35.0	26
PM1 7GW075		0.7	0.02	25.2	310	4.2	<0.01	3.8	54	0.09	56.0	36
PM1 7GW076		0.6	0.02	27.4	280	4.2	<0.01	3.2	58	0.09	53.6	32
PM1 7GW077		<0.5	0.02	18.0	1100	4.7	<0.01	2.2	22	0.09	42.1	40
PM1 7GW078		<0.5	0.02	14.2	250	3.6	<0.01	1.9	38	0.08	37.8	30
PM1 7GW079		<0.5	0.02	15.8	740	3.9	<0.01	1.6	19	0.08	40.6	32
PM1 7GW080		<0.5	0.02	14.6	1090	5.5	0.01	2.5	29	0.06	35.0	62



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		Recvd Wt. kg	Au ppm	Bi ppm	Hg ppm	Sb ppm	Se ppm	Sn ppm	Te ppm	Th ppm	Tl ppm	U ppm	W ppm	Ag ppm	Al %	As ppm
		0.02	0.001	0.01	0.01	0.05	0.2	0.1	0.01	0.05	0.02	0.05	0.05	0.1	0.01	0.5
PM1 7GW081		0.32	0.001	0.11	0.02	0.11	0.2	0.6	0.02	1.49	0.07	0.48	<0.05	<0.1	2.81	1.2
PM1 7GW082		0.42	<0.001	0.12	0.03	0.06	0.2	0.7	0.02	1.94	0.05	0.57	0.10	<0.1	2.86	1.7
PM1 7GW083		0.40	0.001	0.10	0.02	0.14	0.3	0.6	0.03	4.59	0.16	1.34	0.05	<0.1	3.36	12.2
PM1 7GW084		0.50	0.001	0.09	0.03	0.08	<0.2	0.5	0.02	1.64	0.05	0.49	<0.05	0.1	2.54	2.8
PM1 7GW085		0.40	0.001	0.09	0.01	0.19	0.5	0.3	0.02	1.91	0.09	0.67	<0.05	<0.1	2.88	3.3
PM1 7GW086		0.42	0.001	0.10	0.04	0.13	0.3	0.5	0.02	1.49	0.09	0.48	0.05	<0.1	2.49	3.6
PM1 7GW087		0.54	0.005	0.09	0.04	0.63	0.9	0.2	0.05	2.03	0.32	0.57	0.05	<0.1	1.45	7.6
PM1 7GW088		0.58	0.005	0.09	0.04	0.67	0.8	0.2	0.05	1.95	0.30	0.54	<0.05	0.2	1.47	8.8
PM1 7GW089		0.46	0.030	0.08	0.02	0.21	0.3	0.4	0.02	1.44	0.08	0.43	<0.05	<0.1	2.06	2.7
PM1 7GW090		0.44	0.001	0.04	0.01	0.08	<0.2	0.3	0.01	1.25	0.03	0.34	<0.05	<0.1	2.02	1.5
PM1 7GW091		0.50	0.001	0.07	0.01	0.12	0.2	0.4	0.02	1.54	0.10	0.47	<0.05	<0.1	2.33	5.7
PM1 7GW092		0.34	0.001	0.09	0.02	0.12	0.2	0.5	0.02	1.61	0.09	0.62	<0.05	<0.1	2.67	6.9
PM1 7GW093		0.44	0.002	0.09	0.01	0.29	0.3	0.3	0.02	1.41	0.19	0.51	<0.05	<0.1	1.75	4.5
PM1 7GW094		0.42	0.002	0.08	0.02	0.17	0.2	0.3	0.02	1.66	0.08	0.43	<0.05	<0.1	2.34	2.5
PM1 7GW095		0.32	0.001	0.08	0.03	0.05	<0.2	0.4	0.01	0.89	0.05	0.20	0.07	0.1	1.50	1.9
PM1 7GW096		0.60	0.003	0.09	0.01	0.34	0.6	0.4	0.04	2.77	0.26	0.77	<0.05	<0.1	2.08	5.7
PM1 7GW097		0.46	0.001	0.08	0.02	0.22	0.3	0.4	0.03	1.82	0.11	0.52	<0.05	0.1	2.09	3.2
PM1 7GW098		0.50	0.001	0.07	0.02	0.31	0.5	0.3	0.02	1.97	0.12	0.59	<0.05	<0.1	1.80	3.3
PMS- 1		0.04	0.794	19.65	<0.01	2.82	2.1	2.1	2.48	2.29	0.05	1.55	7.28	0.3	1.53	850
PMS- 2		0.04	0.812	20.0	0.01	2.90	2.2	2.1	2.44	2.31	0.05	1.57	7.52	0.3	1.57	857
PMS- 3		0.04	0.857	20.0	<0.01	2.83	2.1	2.1	2.47	2.26	0.05	1.53	7.45	0.3	1.52	856



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		B ppm	Ba ppm	Be ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm
		1	1	0.1	0.01	0.2	1	0.5	1	0.2	0.01	1	0.01	1	0.01	1
PM1 7GW081		1	211	0.5	0.21	<0.2	14	6.1	30	16.8	1.94	7	0.06	7	0.27	240
PM1 7GW082		1	142	0.6	0.09	<0.2	16	3.6	19	13.0	1.56	8	0.04	7	0.17	63
PM1 7GW083		<1	367	1.5	0.49	<0.2	79	26.5	70	67.0	5.17	8	0.13	32	0.34	263
PM1 7GW084		1	183	0.5	0.15	<0.2	21	10.0	34	18.9	2.05	7	0.06	8	0.18	427
PM1 7GW085		<1	216	0.5	0.32	<0.2	28	9.2	51	32.9	2.53	7	0.08	10	0.54	218
PM1 7GW086		1	174	0.4	0.23	<0.2	23	7.5	28	21.4	1.86	6	0.05	9	0.28	544
PM1 7GW087		1	157	0.4	0.39	<0.2	34	14.0	46	53.8	2.80	4	0.07	15	0.61	618
PM1 7GW088		1	143	0.4	0.37	<0.2	32	13.4	45	53.9	2.85	4	0.07	13	0.60	574
PM1 7GW089		1	156	0.3	0.23	<0.2	17	6.9	38	22.1	2.03	5	0.06	6	0.34	212
PM1 7GW090		1	217	0.3	0.20	<0.2	21	7.1	47	17.3	1.99	5	0.05	5	0.29	143
PM1 7GW091		1	116	0.3	0.26	<0.2	19	10.2	49	28.7	2.48	6	0.06	7	0.46	178
PM1 7GW092		1	148	0.4	0.28	<0.2	26	10.9	28	30.0	2.89	7	0.07	8	0.40	278
PM1 7GW093		<1	97	0.3	0.26	<0.2	24	8.3	45	27.0	2.39	4	0.07	7	0.47	226
PM1 7GW094		<1	196	0.3	0.22	<0.2	20	7.7	40	22.1	2.15	6	0.07	7	0.35	239
PM1 7GW095		1	82	0.2	0.08	<0.2	10	4.0	9	5.7	1.28	5	0.03	3	0.08	313
PM1 7GW096		1	150	0.4	0.50	<0.2	46	16.6	54	58.5	3.12	6	0.11	18	0.93	585
PM1 7GW097		1	137	0.4	0.32	<0.2	31	10.2	41	36.5	2.36	5	0.06	11	0.50	325
PM1 7GW098		1	150	0.3	0.30	<0.2	24	10.0	49	39.3	2.74	5	0.06	8	0.51	237
PMS- 1		19	86	0.1	3.03	0.4	15	34.1	19	130.0	3.46	5	0.16	8	0.56	626
PMS- 2		20	87	0.1	3.10	0.4	15	34.9	19	129.5	3.51	5	0.16	8	0.57	638
PMS- 3		19	87	0.1	3.01	0.3	15	34.9	19	131.5	3.47	4	0.16	8	0.56	627



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Project: Princeton Project

CERTIFICATE OF ANALYSIS VA17162536

Sample Description	Method Analyte Units LOR	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	ME- ICP43	
		Mo	Na	Ni	P	Pb	S	Sc	Sr	Ti	V	Zn
		ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.5	0.01	0.5	10	0.5	0.01	0.1	1	0.01	0.5	1
PM1 7GW081		<0.5	0.02	29.1	970	6.3	<0.01	2.5	45	0.09	39.2	53
PM1 7GW082		<0.5	0.02	32.8	1630	6.6	<0.01	2.3	28	0.11	29.6	38
PM1 7GW083		1.2	0.02	126.5	1480	11.5	<0.01	8.8	219	0.15	86.3	93
PM1 7GW084		0.5	0.02	59.0	1250	6.5	<0.01	2.6	40	0.08	50.3	69
PM1 7GW085		<0.5	0.01	37.1	500	7.2	<0.01	5.0	72	0.07	57.6	45
PM1 7GW086		0.5	0.02	31.9	1120	6.6	0.01	3.0	48	0.07	41.2	59
PM1 7GW087		0.8	0.02	36.2	610	6.3	<0.01	6.4	78	0.06	61.2	58
PM1 7GW088		0.7	0.02	34.9	590	5.6	<0.01	6.3	73	0.06	60.8	60
PM1 7GW089		<0.5	0.01	24.5	850	4.5	<0.01	3.6	42	0.07	46.9	56
PM1 7GW090		<0.5	0.02	23.0	560	3.2	<0.01	3.0	42	0.09	65.1	32
PM1 7GW091		0.6	0.02	30.8	290	5.4	<0.01	4.3	49	0.11	63.5	43
PM1 7GW092		<0.5	0.02	27.5	420	6.7	<0.01	5.5	58	0.07	49.6	56
PM1 7GW093		0.6	0.02	23.0	240	5.1	<0.01	4.2	46	0.08	61.4	42
PM1 7GW094		0.5	0.02	24.4	560	5.4	<0.01	3.8	44	0.08	51.1	52
PM1 7GW095		0.5	0.02	9.3	1340	3.9	<0.01	1.4	11	0.07	29.1	58
PM1 7GW096		0.7	0.03	56.7	770	7.2	<0.01	7.4	102	0.09	76.0	66
PM1 7GW097		0.6	0.02	31.4	690	5.4	<0.01	4.8	67	0.08	56.4	51
PM1 7GW098		1.3	0.02	31.8	220	4.8	<0.01	6.3	46	0.11	64.6	47
PMS- 1		9.5	0.14	20.1	760	8.8	0.19	2.3	92	0.08	59.7	52
PMS- 2		9.6	0.14	20.3	770	9.0	0.19	2.4	95	0.08	60.3	53
PMS- 3		9.5	0.14	20.3	760	7.8	0.19	2.3	93	0.08	59.6	52



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CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:

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Au- TL43 LOG- 22 LOG- 24
ME- MS43 SCR- 41 WEI- 21

ME- ICP43