

Ministry of Energy, Mines & Petroleum Resources
Mining & Minerals Division
BC Geological Survey

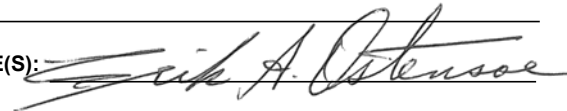
Assessment Report
Title Page and Summary

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

TOTAL COST: \$46,444.64

AUTHOR(S): Erik Ostensoe, P.Geo

SIGNATURE(S):



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

YEAR OF WORK: 2016

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5606800, 5606805, 5625886

PROPERTY NAME: Pitman-Keaper

CLAIM NAME(S) (on which the work was done): 854416, 1000162, 1000163, 1000263, 1031824

COMMODITIES SOUGHT: Mo, Cu, Au, Ag

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN:

MINING DIVISION: Omineca

NTS/BCGS: 103I

LATITUDE: 54 ° 47 '00 " LONGITUDE: 128 ° 22 '00 " (at centre of work)

OWNER(S):

1) Casa Minerals Inc.

2) Farshad Shirvani

MAILING ADDRESS:

880-409 Granville St., Vancouver, BC, V6C 1T2

880-409 Granville St., Vancouver, BC, V6C 1T2

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

1) Casa Minerals Inc.

2)

MAILING ADDRESS:

880-409 Granville St., Vancouver, BC, V6C 1T2

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

Pitman molybdenite mineralization occurs in Carpenter Creek granodioritic batholith as very fine grained dissemination and in narrow quartz veins. Nearby Hazelton formation volcanoclastic rocks have been hornfelsed.

WoMo area at high elevation comprises sulphide mineralized hornfelsic alteration peripheral to Carpenter Creek granodiorite

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 35593, 35919, 30900, 29151, 0866

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping	_____	_____	_____
Photo interpretation	_____	_____	_____
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic	_____	_____	_____
Electromagnetic	_____	_____	_____
Induced Polarization	_____	_____	_____
Radiometric	_____	_____	_____
Seismic	_____	_____	_____
Other	_____	_____	_____
Airborne			
GEOCHEMICAL (number of samples analysed for...)			
Soil 525 element ICP	_____	854416, 1000162, 1000163, 1000263,	_____
Silt	_____	1031824	_____
Rock	_____	_____	_____
Other	_____	_____	\$ 46,444.64
DRILLING (total metres; number of holes, size)			
Core			
_____	_____	_____	_____
Non-core			
_____	_____	_____	_____
RELATED TECHNICAL			
Sampling/assaying	_____	_____	_____
Petrographic	_____	_____	_____
Mineralographic	_____	_____	_____
Metallurgic	_____	_____	_____
PROSPECTING (scale, area)			
_____	_____	_____	_____
PREPARATORY / PHYSICAL			
Line/grid (kilometres)	_____	_____	_____
Topographic/Photogrammetric (scale, area)	_____	_____	_____
Legal surveys (scale, area)	_____	_____	_____
Road, local access (kilometres)/trail	_____	_____	_____
Trench (metres)	_____	_____	_____
Underground dev. (metres)	_____	_____	_____
Other report preparation	_____	_____	_____
		TOTAL COST:	\$46,001.38

AMENDED TECHNICAL REPORT - PITMAN AND KEAPER PROPERTIES

EAST OF TERRACE, B. C.

SKEENA MINING DIVISION, BRITISH COLUMBIA, CANADA

NTS 103I

Pitman - 54°47'N, 128°22'W

UTM (NAD 83, ZONE 9) - 540724E, 6067689N

Keaper - 54°31'N, 128°11'W

- UTM (NAD 83, ZONE 9) - 545100E, 6004200N

Mineral Tenures: Pitman: 854416, 1000162, 1000163, 1000263

Keaper: 1031824

Owners: Casa Minerals Inc. and Farshad Shirvani

**Report Prepared for: Casa Minerals Inc.
880-409 Granville Street,
Vancouver, B. C., V6C 1T2**

**Report Prepared by: Erik Ostensoe, P. Geo.
305-3766 West 7th Avenue
Vancouver, B. C., V6R 1W8**

Effective Date of Report: November 16, 2016.

Effective Date of Amended Report: March 27, 2017.

Events No. 5606800 (Pitman), 5606805 (Keaper) and 5625886 (Pitman)

[NOTE: The analytical results presented and discussed in the accompanying amended report relate to geochemical soil samples gathered in 2016, that had not been completely analysed at the time of submission of the original report. Complete analytical data are included in Appendix I of this amended technical report, along with a discussion of the resulting data.]

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1.0 INTRODUCTION

The Pitman property, located 27 km northeast of Terrace, BC, (Figure 1) is an historic molybdenum occurrence that has been explored by technical surveys and diamond drilling since 1957. Casa Minerals Inc. and related parties have held the property since 2006 and in that period have conducted several programs of technical surveys, all of which have been reported in assessment reports (see References and Minfile).

The Keeper mineral tenure, located 20 km north of Terrace, BC, includes a site that was identified in 2006 by a provincial Geological Survey Branch team of field geologists (MMAR Report of Activities, 2007) as having strongly anomalous silver values. Casa Minerals Inc. prospectors and geologists have in recent years attempted to confirm the metal values and determine if a viable exploration site is present.

Casa Minerals Inc. in May and June, 2016, engaged Devin Grinder and Justin Zimmerlee, prospectors and experienced bushworkers, to complete a further program of geochemical sampling at the Pitman mineral tenures and in the Keeper area, that are the subject of this technical report. Work in the Pitman area included numerous traverses and the collection of 342 soil geochemical samples that were analysed for 51 elements by induced coupled plasma (ICP-ES) methods. Work in the Keeper area comprised traversing and sampling in the near vicinity of the reported silver occurrence(s); 183 soil samples were obtained and processed similarly to the Pitman area samples.

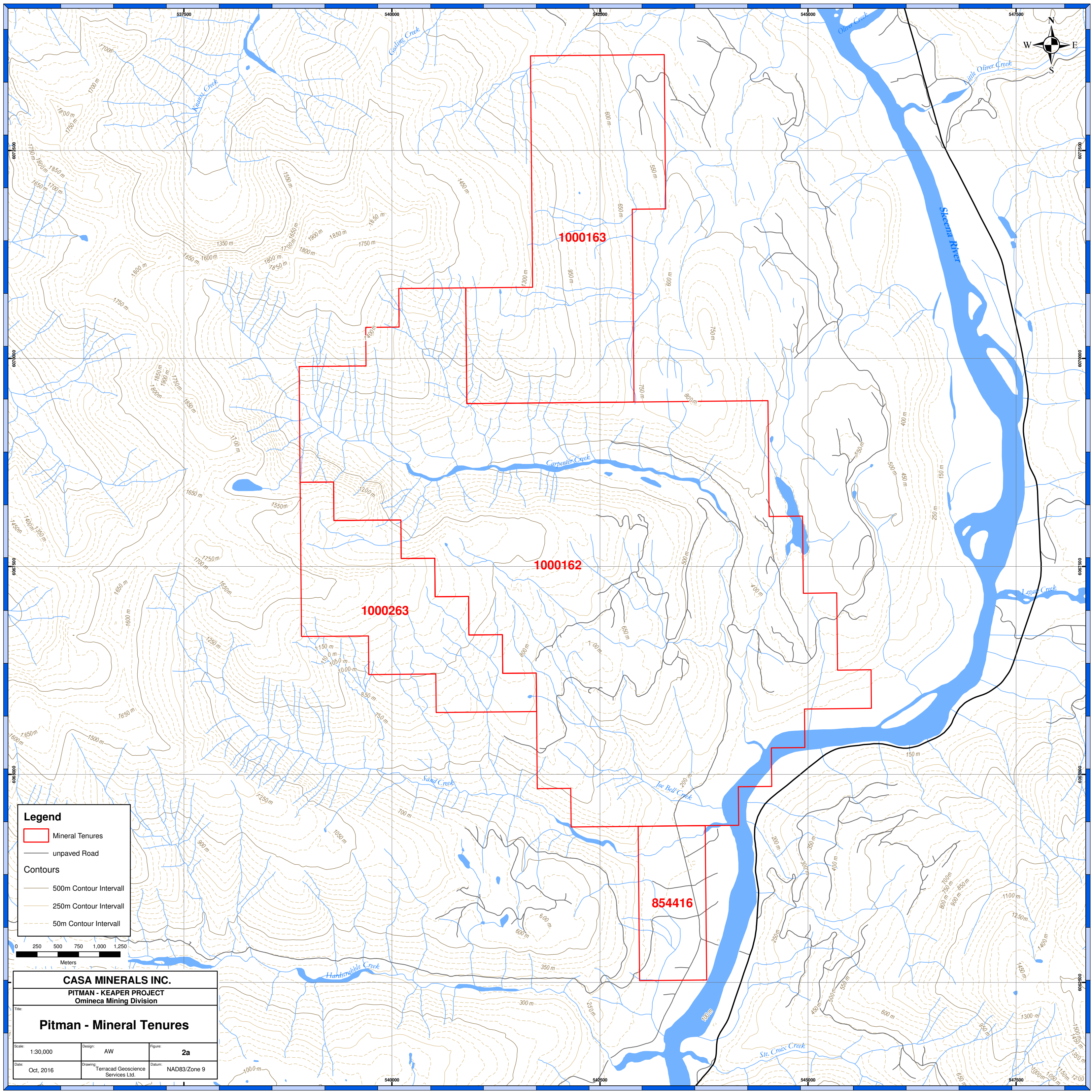


2.0 DETAILS OF PITMAN AND KEAPER TENURES

ARIS no. 31853, 35593 and 35919 include details of the location, physical setting, history, recent work, etc. of the Pitman and Keaper tenures. Pitman area tenures comprise 3546.37 hectares; Keaper, 1876.8 hectares (Table 1).

Title Number	Claim Name	Owner	Issue Date	Good To Date	Area (ha)
854416	PITMAN SOUTH	Casa Minerals Inc.	2011/may/12	2017/sep/15	149.46
1000162	PITMAN	Casa Minerals Inc.	2012/jun/22	2017/sep/15	3229.17
1000163	WOMO	Casa Minerals Inc.	2012/jun/22	2017/sep/15	1398.53
1000263	PADDY MAC	Casa Minerals Inc.	2012/jun/22	2017/sep/15	373.39
1031824	KEAPER	Farshad Shirvani	2014/oct/27	2017/jun/09	1876.80

Table 1

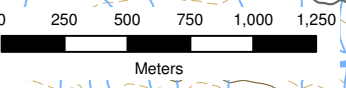


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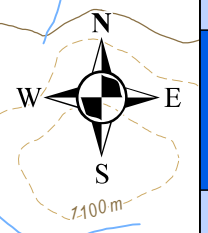
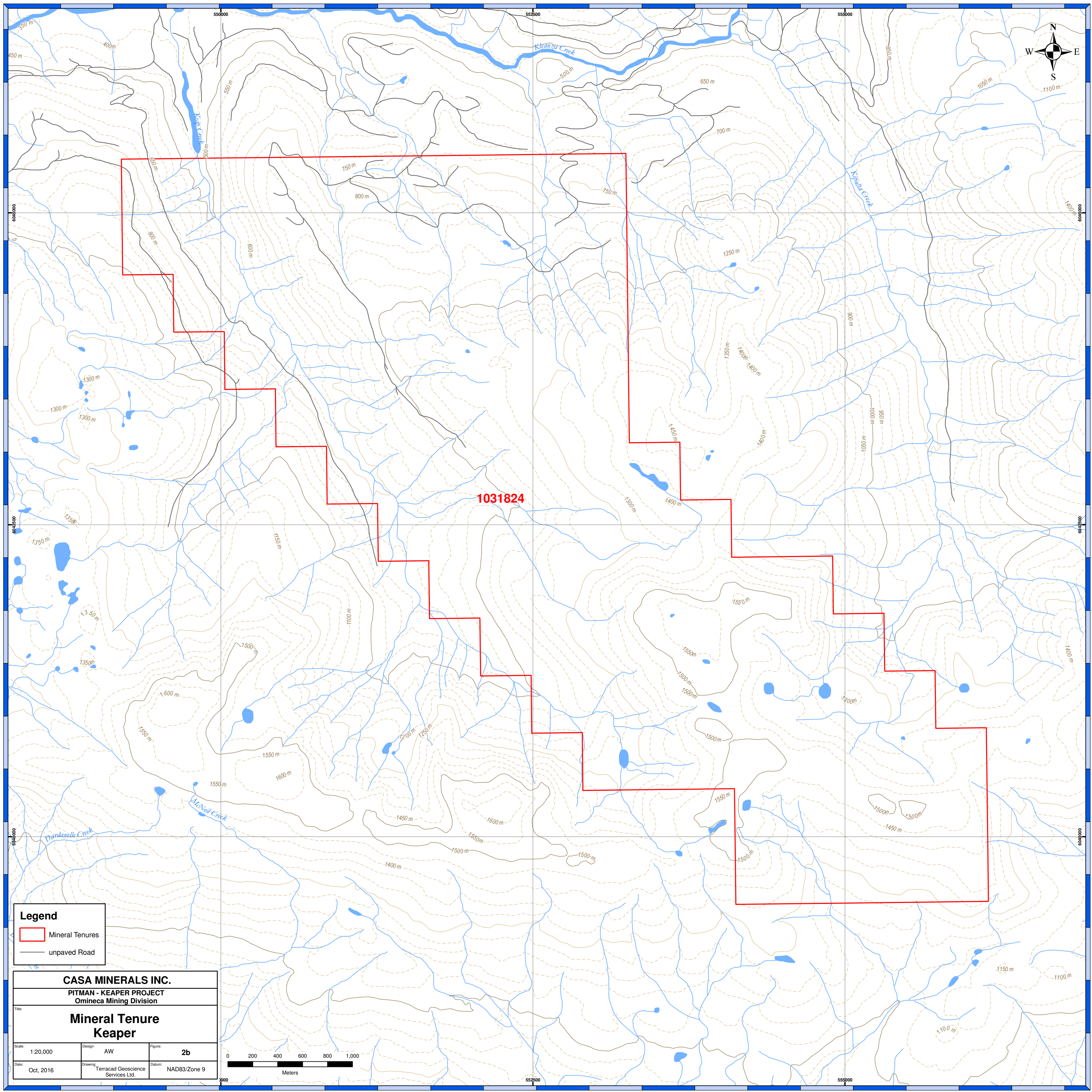
- Mineral Tenures
- unpaved Road

Contours

- 500m Contour Interval
- 250m Contour Interval
- 50m Contour Interval



CASA MINERALS INC.		
PITMAN - KEAPER PROJECT Omineca Mining Division		
Pitman - Mineral Tenures		
Scale: 1:30,000	Design: AW	Figure: 2a
Date: Oct, 2016	Drawing: Terracad Geoscience Services Ltd.	Datum: NAD83/Zone 9

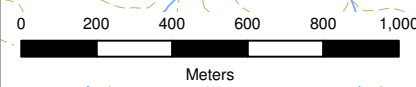


1031824

Legend

- Mineral Tenures
- unpaved Road

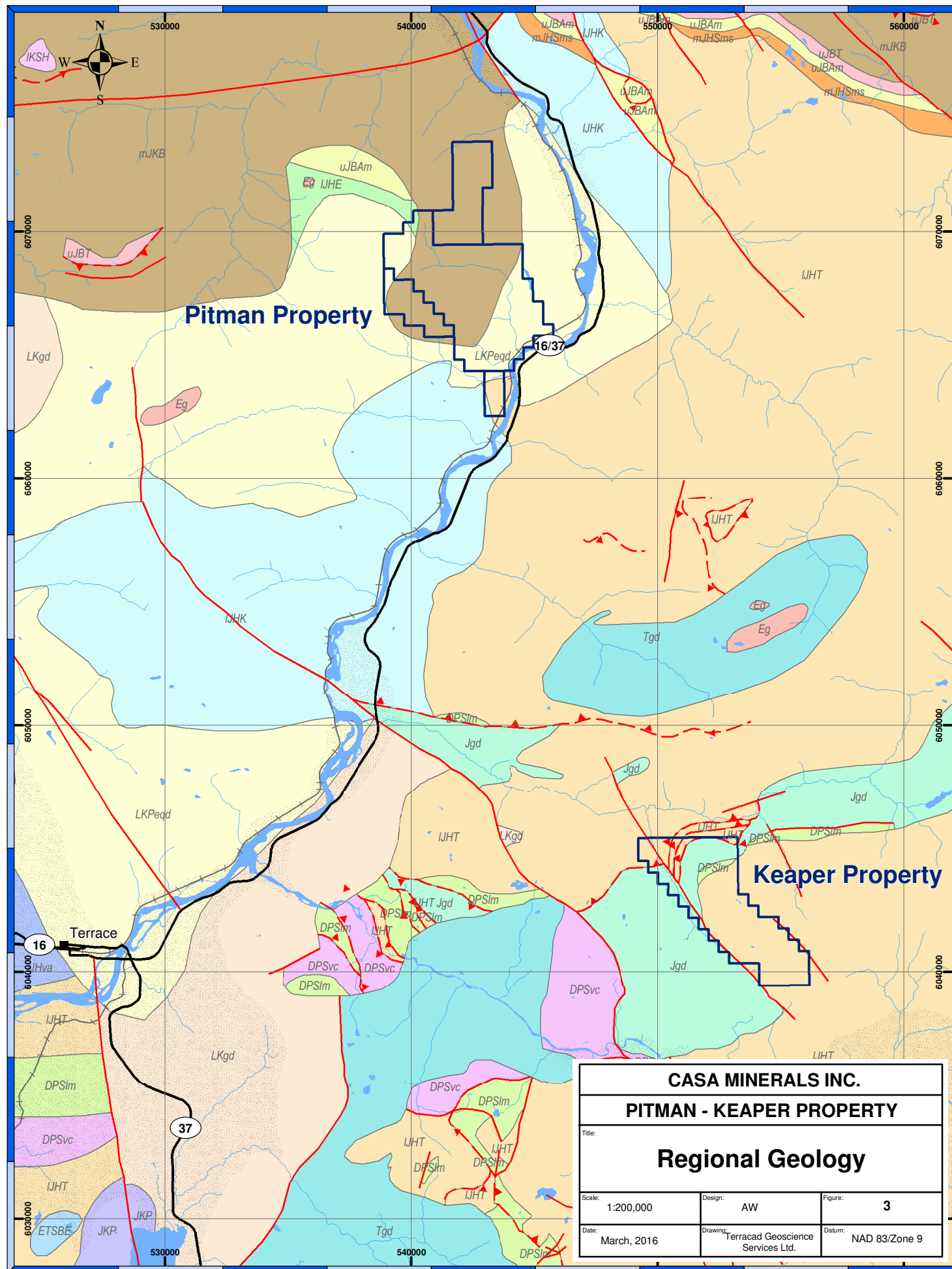
CASA MINERALS INC.		
PITMAN - KEAPER PROJECT Omineca Mining Division		
Mineral Tenure Keaper		
Scale: 1:20,000	Design: AW	Figure: 2b
Date: Oct, 2016	Drawing: Terracad Geoscience Services Ltd.	Datum: NAD83/Zone 9



In brief, Pitman is an historic molybdenum occurrence located close to the west side of Skeena River but the mineral tenures extend from low to high elevations to include extensive areas of sulphide occurrences proximal to the Carpenter Creek granitic intrusion. Samples from the latter area have elevated copper, gold and silver values and, less consistently, molybdenum, lead and zinc values. Recent work, since 2010, has been confined to lower elevation parts of the Pitman property.

Keaper is located east of Skeena River and comprises an area from which grab samples of boulders have analysed very high silver values (Nelson and Kennedy, 2007).

Figure 3 illustrates regional geology of the Pitman and Keaper areas.

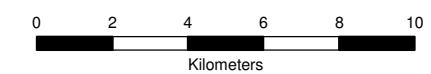


Legend

- Mineral Tenure
- Communities
- Fault
- Normal Fault
- Thrust
- Quaternary Unit

Regional Geology

- DPSlm - Paleozoic - Stikine Assemblage limestone, marble, calcareous sedimentary rocks
- DPSvc - Paleozoic - Stikine Assemblage volcanoclastic rocks
- ETSBE - Cenozoic - Strohn Creek, Mt Bolom and Ear Lake Plutons granite, alkali feldspar granite intrusive rocks
- Eg - Cenozoic - Coast Plutonic Complex(?) intrusive rocks, undivided
- JKP - Mesozoic - Poison Pluton quartz dioritic intrusive rocks
- Jgd - Mesozoic - Unnamed granodioritic intrusive rocks
- LKPeqd - Mesozoic to Cenozoic - Unnamed quartz dioritic intrusive rocks
- LKgD - Mesozoic - Unnamed granodioritic intrusive rocks
- Tgd - Cenozoic - Unnamed granodioritic intrusive rocks
- IJHE - Mesozoic - Hazelton Group - Eagle Peak Formation volcanoclastic rocks
- IJHK - Mesozoic - Hazelton Group - Kistelas Volcanics rhyolite, felsic volcanic rocks
- IJHT - Mesozoic - Hazelton Group - Telkwa Formation calc-alkaline volcanic rocks
- IJHva - Mesozoic - Hazelton Group andesitic volcanic rocks
- IKSH - Mesozoic - Skeena Group - Hanawald Conglomerate conglomerate, coarse clastic sedimentary rocks
- mJHSms - Mesozoic - Hazelton Group - Smithers Formation undivided sedimentary rocks
- mJKB - Mesozoic - Bowser Lake Group undivided sedimentary rocks
- uJBAm - Mesozoic - Bowser Lake Group - Ashman Formation mudstone, siltstone, shale fine clastic sedimentary rocks
- uJBT - Mesozoic - Bowser Lake Group - Trout Creek Formation undivided sedimentary rocks



3.0 MAY – JUNE 2016 PROGRAM OF SOIL GEOCHEMICAL SAMPLING

525 soil samples were obtained from two locations in the Skeena River area, east of Terrace, BC. Samples were processed and analysed by a recognized analytical laboratory for 51 elements:

Ag, Al, As, Au, B, Ba, Be, Bi, Ca, Cd, Ce, Co, Cr, Cs, Cu, Fe, Ga, Ge, Hf, Hg, In, K, La, Li, Mg, Mn, Mo, Na, Nb, Ni, P, Pb, Rb, Re, S, Sb, Sc, Se, Sn, Sr, Ta, Te, Th, Ti, Tl, U, V, W, Y, Zn, Zr

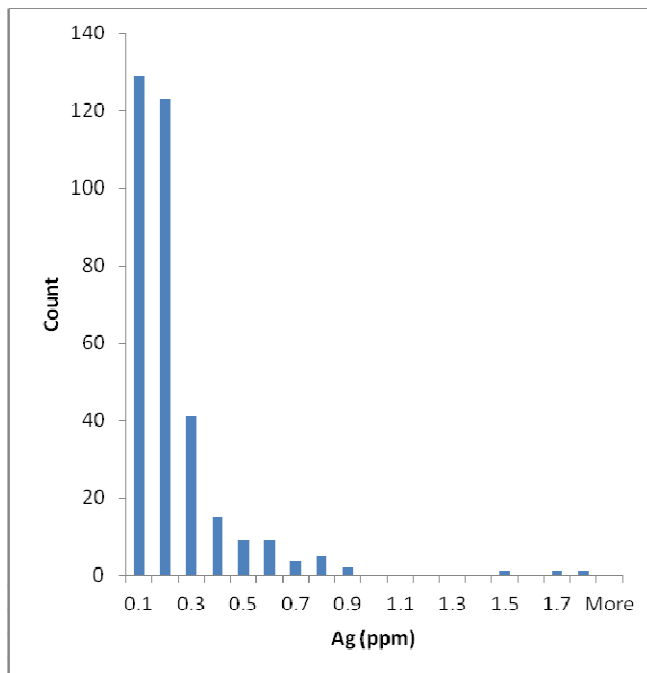
Four elements were selected for particular study: copper, molybdenum, silver and manganese. Tables 2 and 3 includes data as follows: maximum, minimum, average, median, mode and standard deviation and histograms illustrates distribution of metal contents.

3.1 Data for Pitman

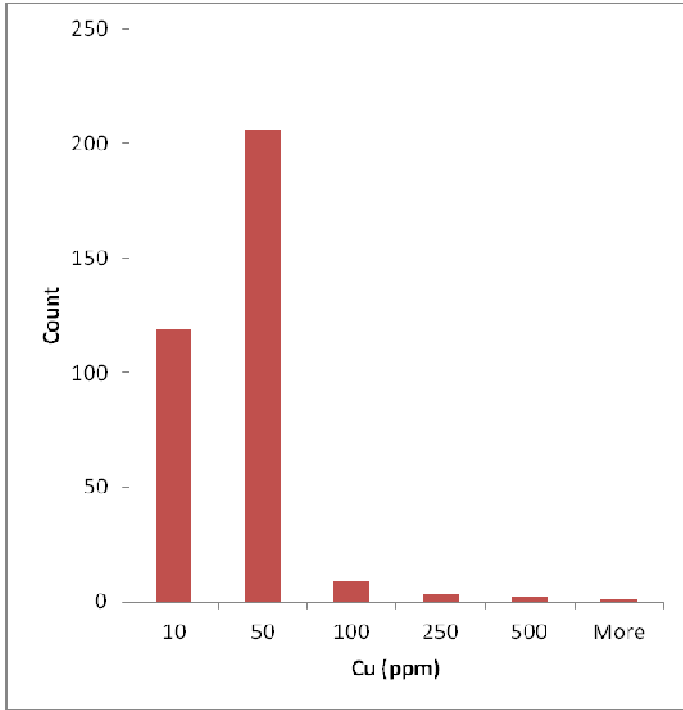
	Ag (ppm)	Cu (ppm)	Mn (ppm)	Mo (ppm)
Maximum	1.72	537.30	18490.00	604.72
Minimum	0.01	0.60	11.00	0.06
Average	0.19	22.20	434.64	28.65
Median	0.13	14.25	209.50	5.26
Mode	0.09	2.00	231.00	2.00
Standard Deviation	0.21	41.50	1300.04	58.57

Table 2 – Statistics for Pitman

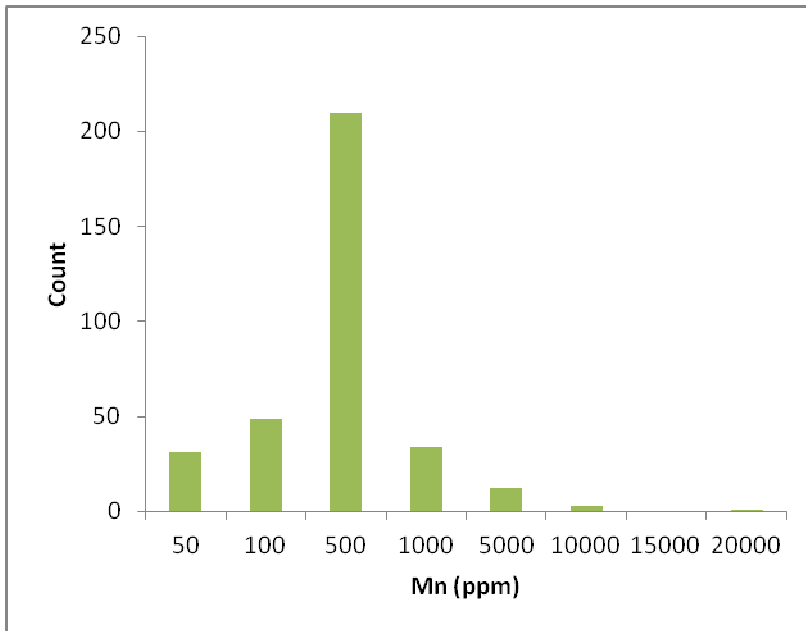
Histograms:



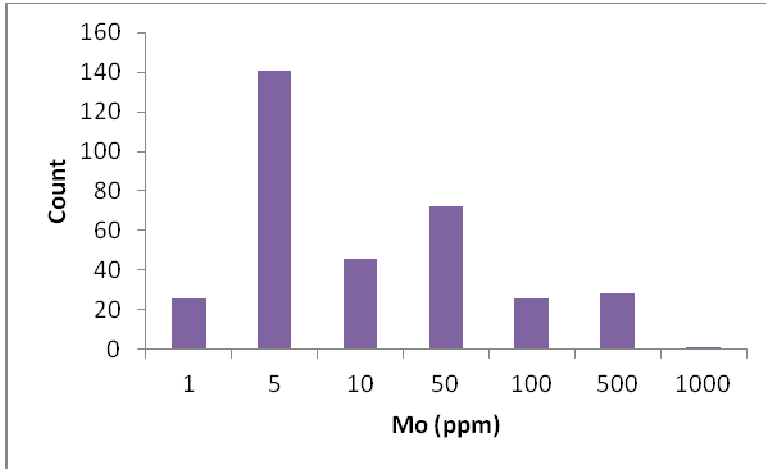
Silver distribution



Copper distribution



Manganese distribution



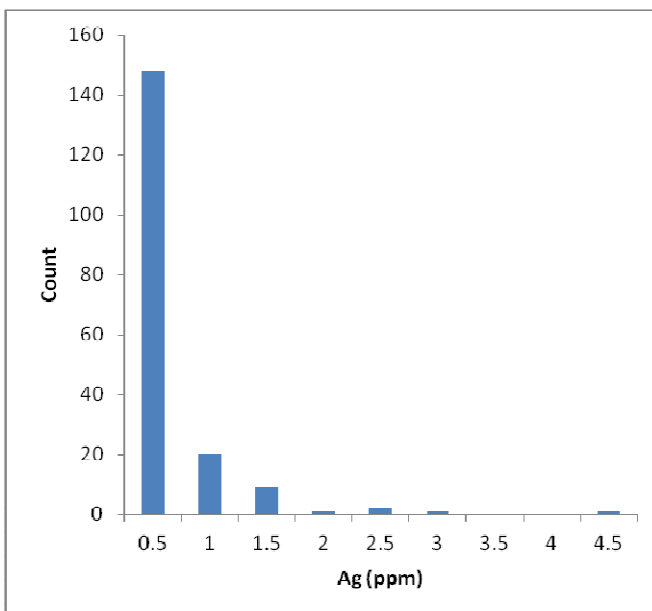
Molybdenum distribution

3.2 Data for Keeper

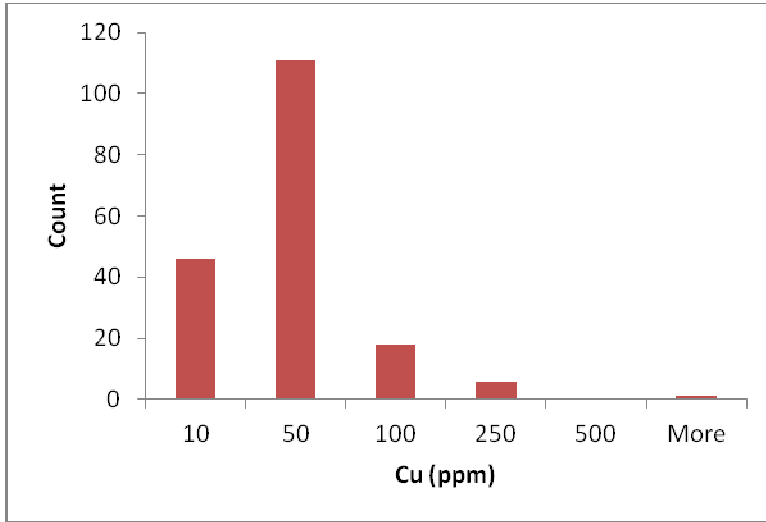
	Ag (ppm)	Cu (ppm)	Mn (ppm)	Mo (ppm)
Maximum	4.42	518.70	24810.00	175.47
Minimum	0.02	1.40	13.00	0.25
Average	0.37	29.16	964.07	2.95
Median	0.23	18.55	293.50	1.38
Mode	0.08	15.00	79.00	0.98
Standard Deviation	0.49	44.96	2520.36	13.08

Table 3 – Statistics for Keeper

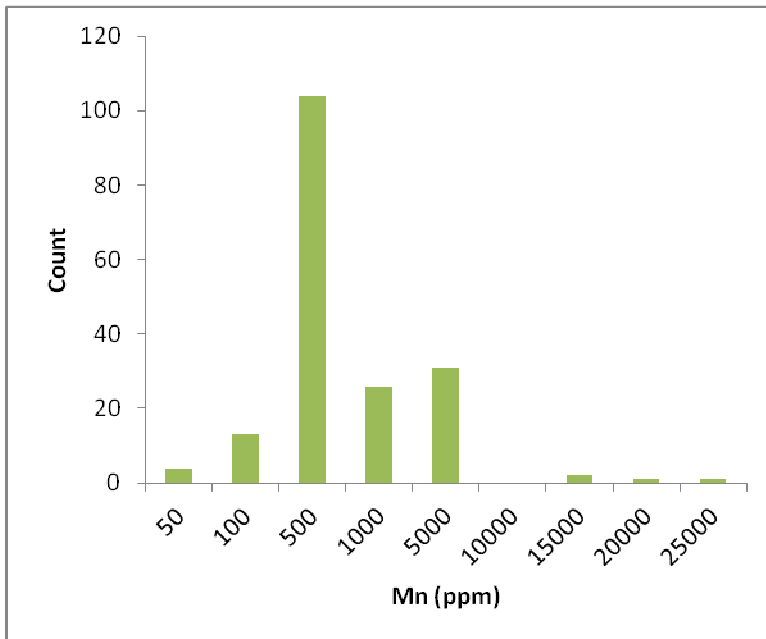
Histograms:



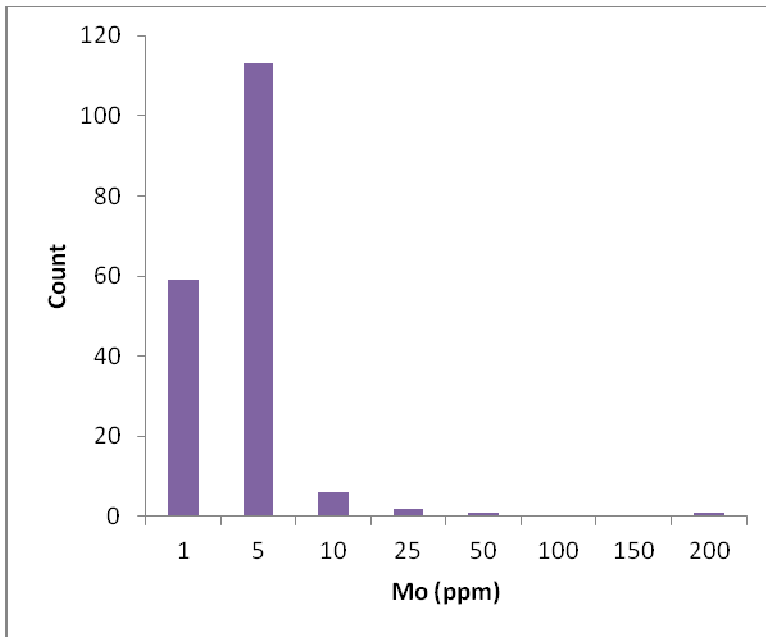
Silver distribution



Copper distribution



Manganese distribution



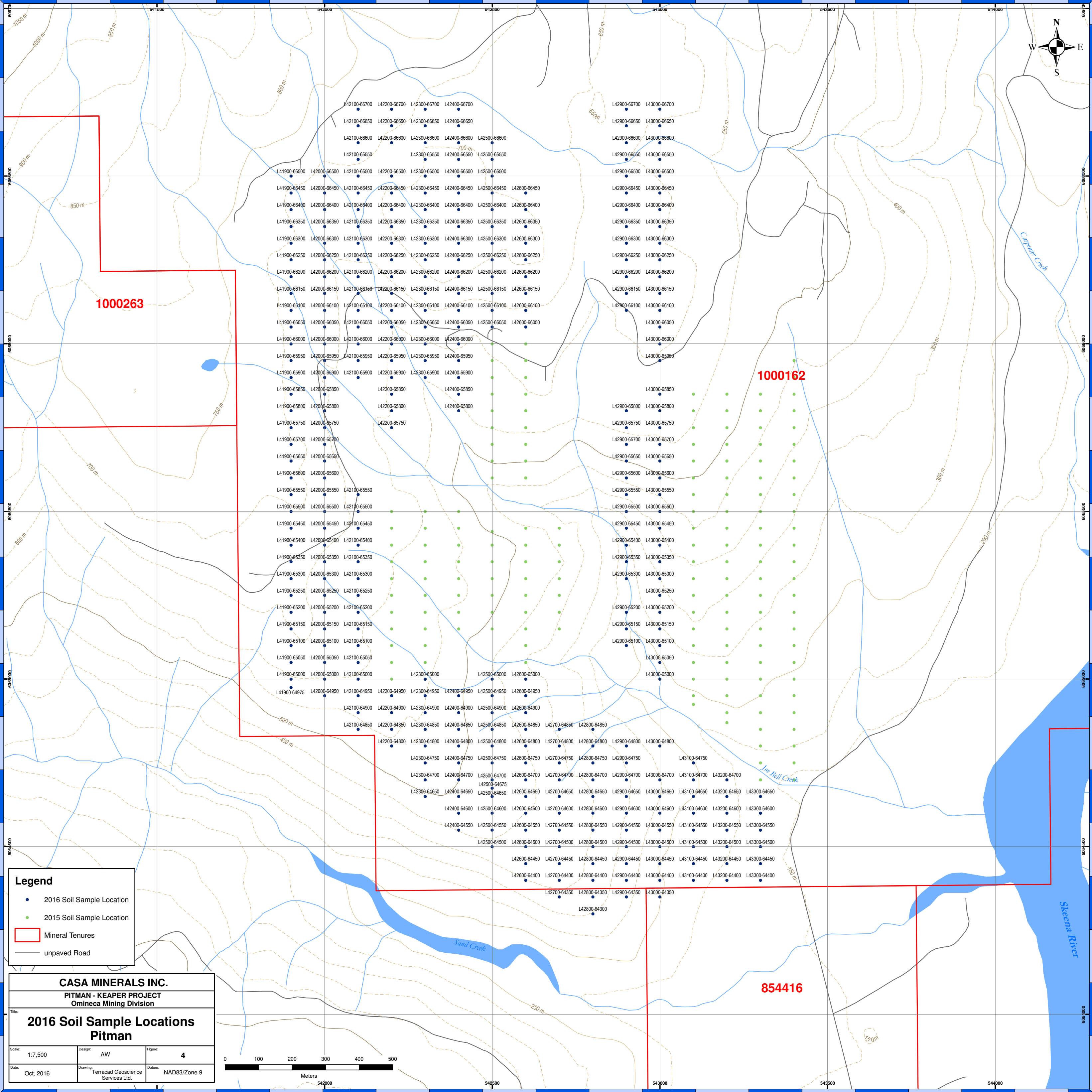
Molybdenum distribution

Remaining elements may be studied further at a later date.

3.3 Pitman Property

As illustrated in Figure 4 of this report, 342 soil samples were taken in 2016 from the slopes west of Skeena River, from Sand Creek easterly to Carpenter Creek. Previous soil sample locations, both internal to and east of 2016 sampling, are shown in Figure 4 as “dots”.

All sample locations are GPS-controlled. Work was a continuation of 2015 and earlier work that investigated the reported molybdenite occurrences. Access was gained by following remnants of a very deteriorated drill road that follows Joe Bell Creek, and at higher elevation, from partially decommissioned logging roads. Everywhere hillsides are steep and sampling requires strenuous efforts. Soil samples in November, 2016, were submitted to MS Analytical in Langley, BC, laboratory for ICP-ES analysis for 51 elements. Only selected metals, copper (Figure 4a), molybdenum (Figure 4b), silver (Figure 4c) and manganese (Figure 4d) were plotted for purposes of this report: at this time the remaining elements are not considered relevant to the exploration process. Complete analytical data are shown in the Appendix I – Certificate of Analysis YVR1610142A and YVR1610142B.



1000263

1000162

854416

Legend

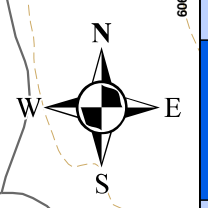
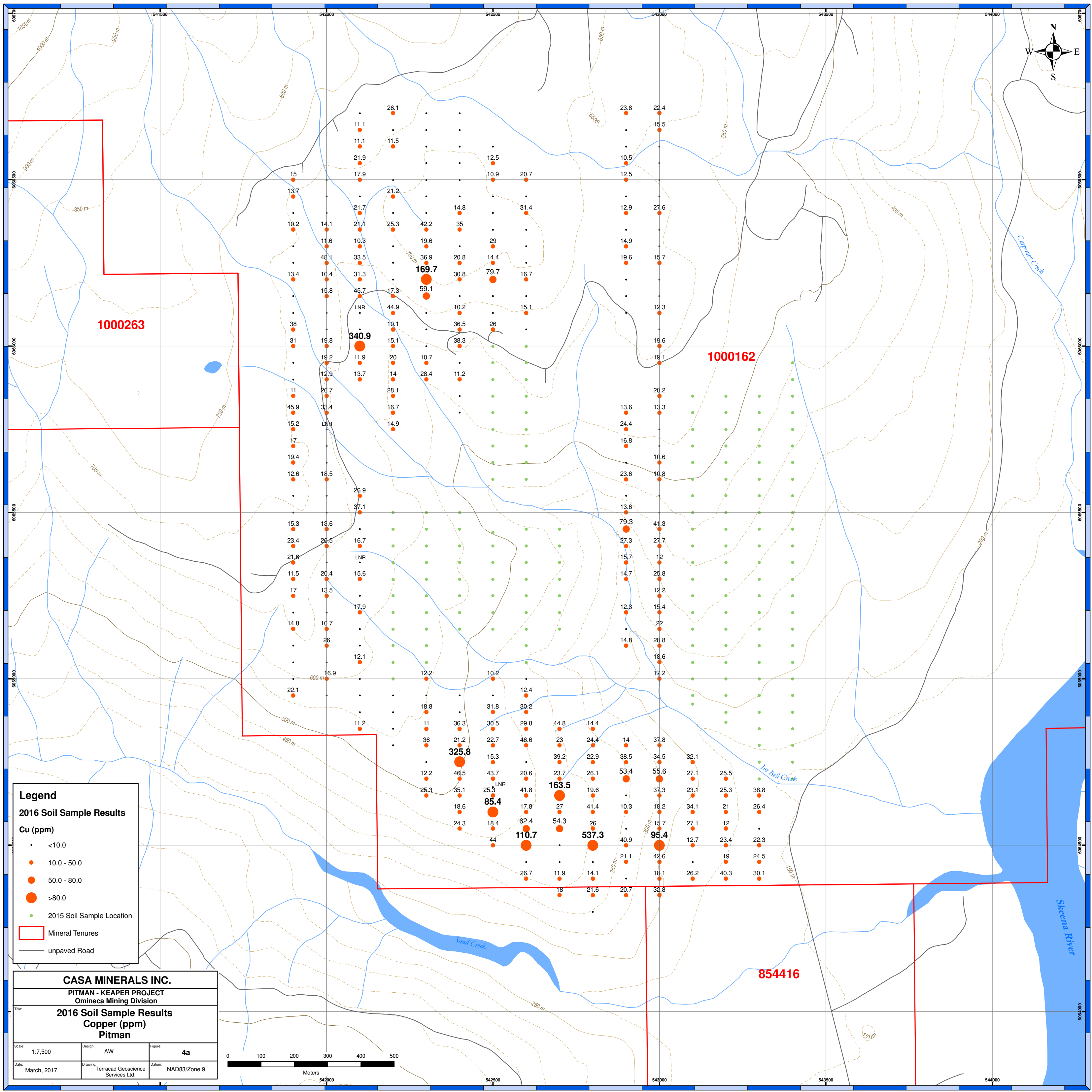
- 2016 Soil Sample Location
- 2015 Soil Sample Location
- ▭ Mineral Tenures
- unpaved Road

CASA MINERALS INC.
PITMAN - KEAPER PROJECT
Omineca Mining Division

Title:
**2016 Soil Sample Locations
Pitman**

Scale: 1:7,500	Design: AW	Figure: 4
Date: Oct, 2016	Drawing: Terracad Geoscience Services Ltd.	Datum: NAD83/Zone 9

0 100 200 300 400 500
Meters



1000263

1000162

854416

Legend

2016 Soil Sample Results

Cu (ppm)

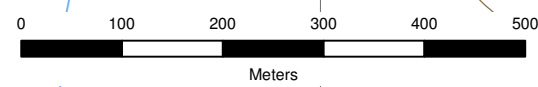
- <10.0
- 10.0 - 50.0
- 50.0 - 80.0
- >80.0
- 2015 Soil Sample Location
- Mineral Tenures
- unpaved Road

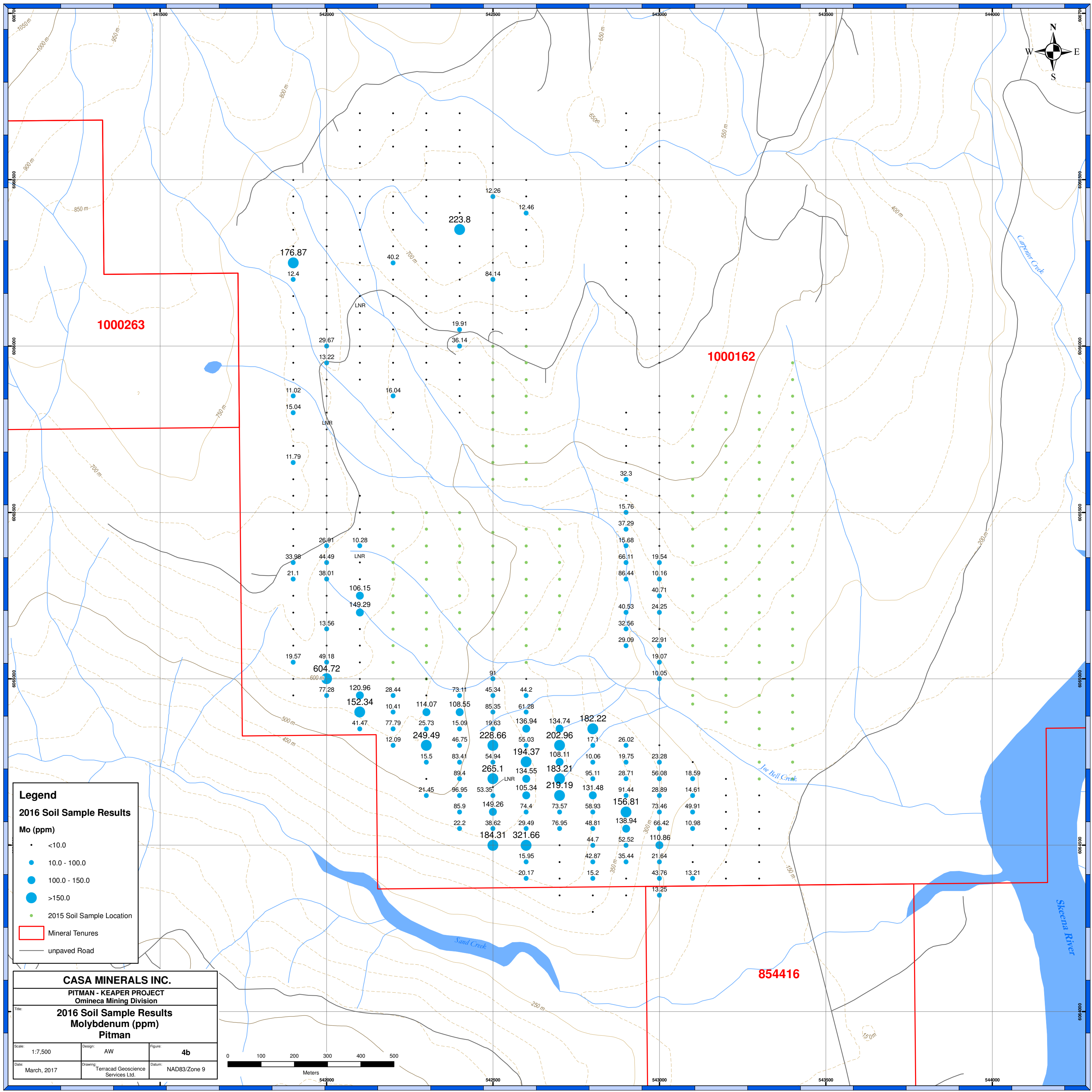
CASA MINERALS INC.

PITMAN - KEAPER PROJECT
Omineca Mining Division

Title: **2016 Soil Sample Results**
Copper (ppm)
Pitman

Scale: 1:7,500	Design: AW	Figure: 4a
Date: March, 2017	Drawing: Terracad Geoscience Services Ltd.	Datum: NAD83/Zone 9





Legend

2016 Soil Sample Results

Mo (ppm)

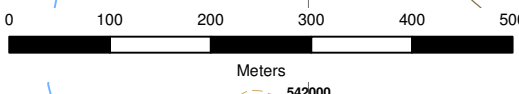
- <10.0
- 10.0 - 100.0
- 100.0 - 150.0
- >150.0
- 2015 Soil Sample Location
- ▭ Mineral Tenures
- unpaved Road

CASA MINERALS INC.

PITMAN - KEAPER PROJECT
Omineca Mining Division

Title: **2016 Soil Sample Results**
Molybdenum (ppm)
Pitman

Scale: 1:7,500	Design: AW	Figure: 4b
Date: March, 2017	Drawing: Terracad Geoscience Services Ltd.	Datum: NAD83/Zone 9



1000263

1000162

854416

176.87

40.2

223.8

12.46

12.26

12.4

29.67

13.22

84.14

19.91

36.14

11.02

15.04

16.04

11.79

26.91

33.98

21.1

38.01

106.15

149.29

13.56

19.57

49.18

604.72

77.28

120.96

152.34

41.47

10.41

114.07

249.49

12.09

77.79

25.73

15.09

46.75

83.41

15.5

21.45

85.9

22.2

38.62

149.26

184.31

53.35

105.34

74.4

29.49

76.95

15.95

20.17

44.2

61.28

136.94

55.03

194.37

108.11

183.21

108.11

219.19

131.48

95.11

10.06

17.1

26.02

19.75

28.71

23.28

56.08

18.59

28.89

14.61

73.46

49.91

10.98

66.42

110.86

21.64

43.76

13.25

13.21

48.81

58.93

156.81

138.94

35.44

52.52

32.56

29.09

19.07

10.05

86.44

19.54

10.16

40.71

24.25

40.53

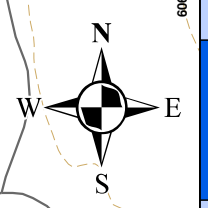
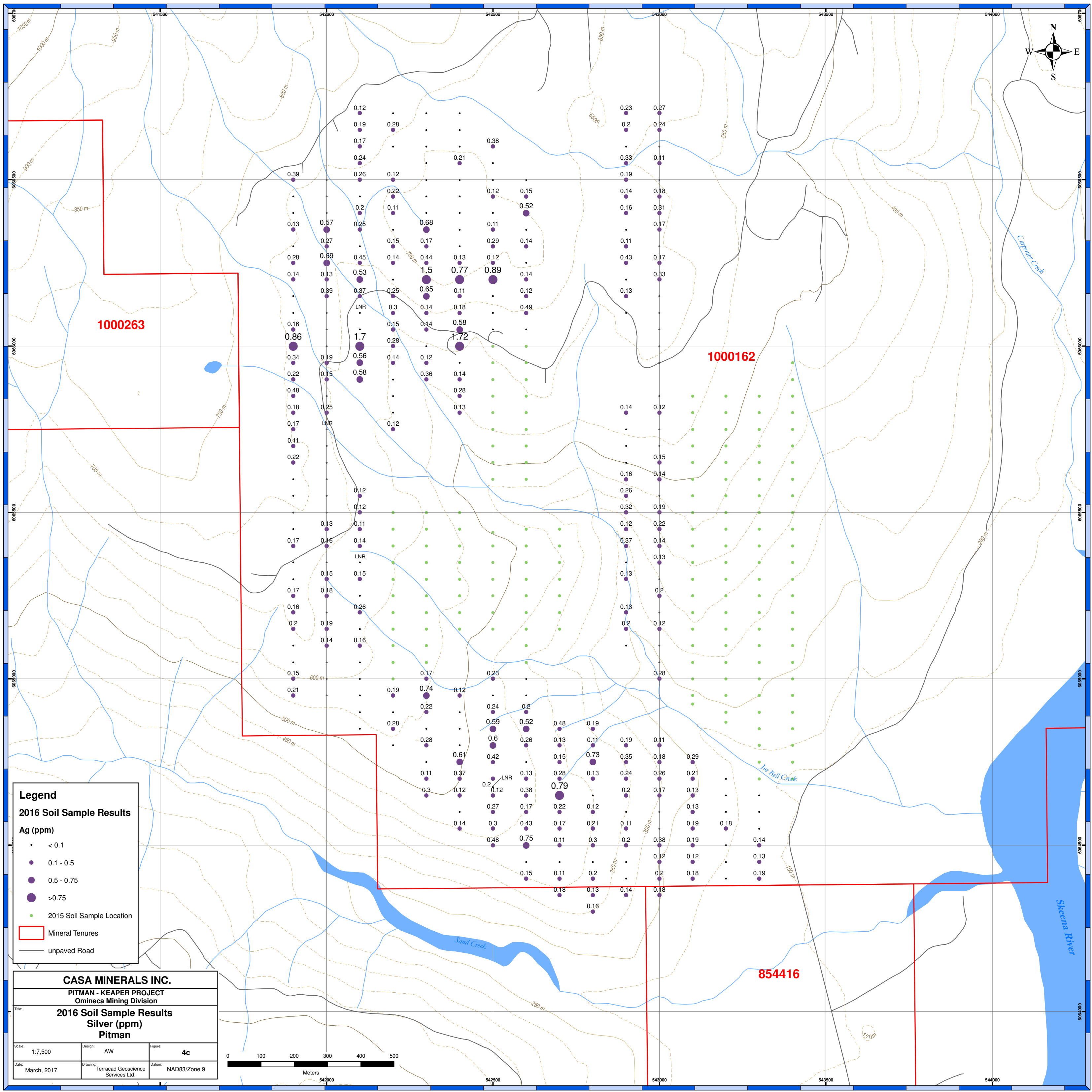
15.76

37.29

15.68

66.11

32.3



1000263

1000162

854416

Legend

2016 Soil Sample Results

Ag (ppm)

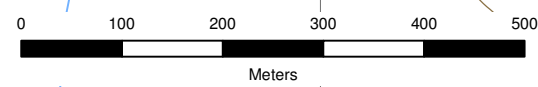
- < 0.1
- 0.1 - 0.5
- 0.5 - 0.75
- > 0.75
- 2015 Soil Sample Location
- ▭ Mineral Tenures
- unpaved Road

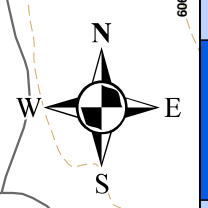
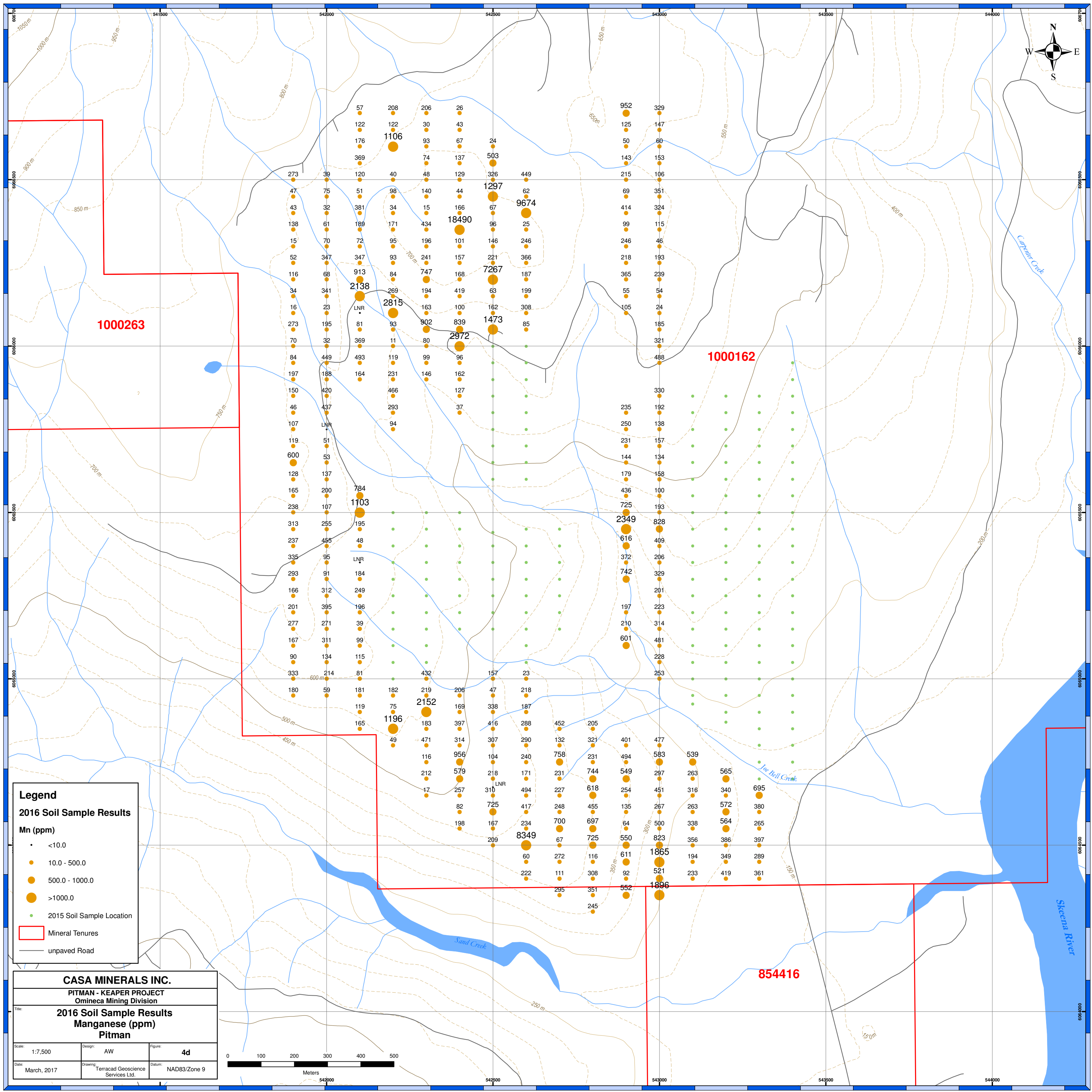
CASA MINERALS INC.

PITMAN - KEAPER PROJECT
Omineca Mining Division

Title: **2016 Soil Sample Results**
Silver (ppm)
Pitman

Scale: 1:7,500	Design: AW	Figure: 4c
Date: March, 2017	Drawing: Terracad Geoscience Services Ltd.	Datum: NAD83/Zone 9





1000263

1000162

854416

Legend

2016 Soil Sample Results

Mn (ppm)

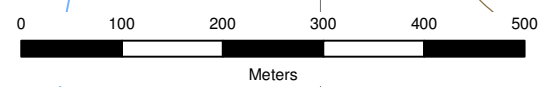
- <10.0
- 10.0 - 500.0
- 500.0 - 1000.0
- >1000.0
- 2015 Soil Sample Location
- Mineral Tenures
- unpaved Road

CASA MINERALS INC.

PITMAN - KEAPER PROJECT
Omineca Mining Division

Title: **2016 Soil Sample Results**
Manganese (ppm)
Pitman

Scale: 1:7,500	Design: AW	Figure: 4d
Date: March, 2017	Drawing: Terracad Geoscience Services Ltd.	Datum: NAD83/Zone 9

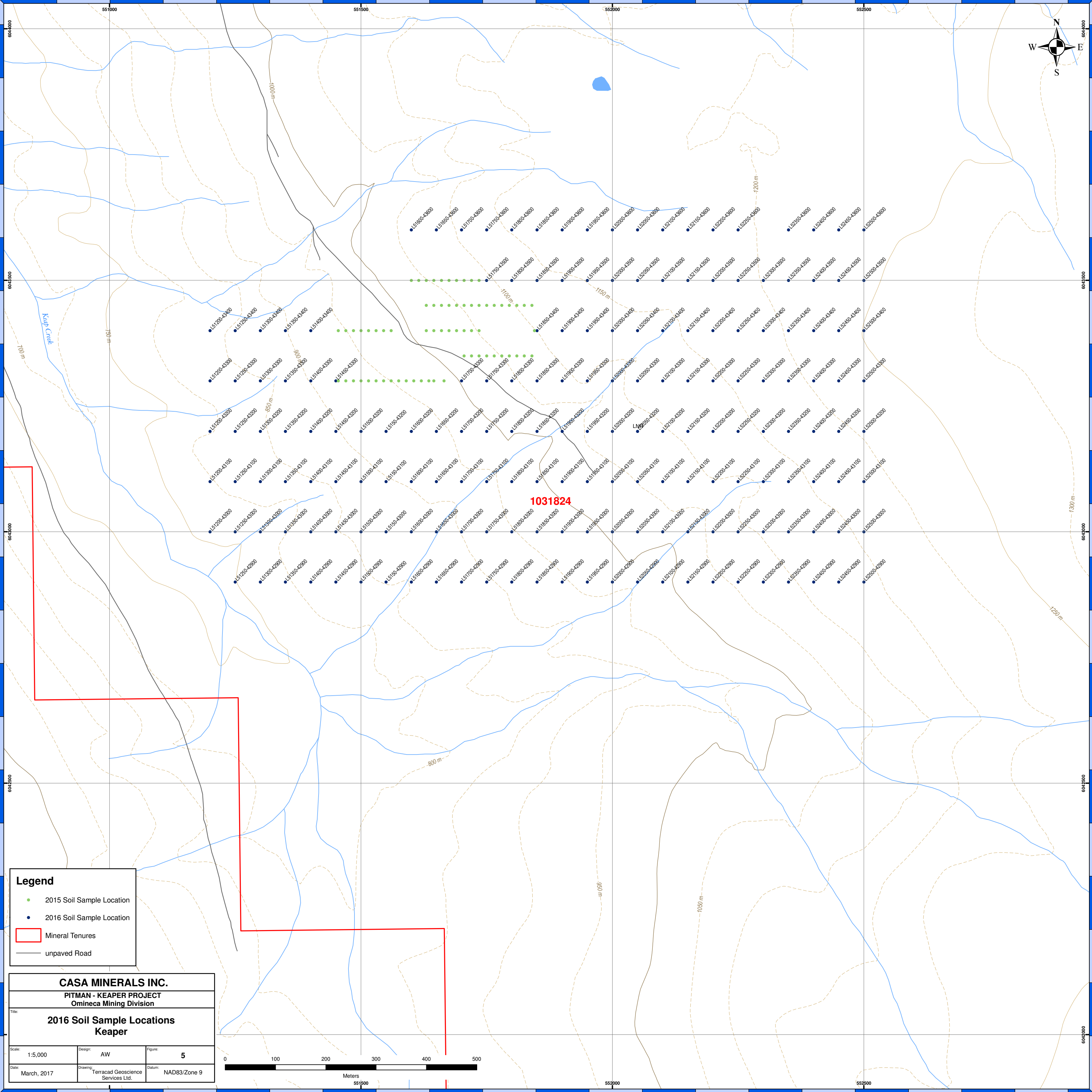
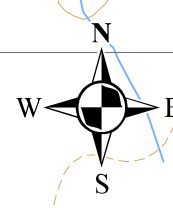


3.4 Keeper Property

The Keeper, mineral tenure 1031824, is located east of Skeena River and is accessed by logging roads that branch southwesterly from the Kleanza Creek main haulage logging road. Granite typical of Coast Intrusions occurs throughout the Keeper area. Previous work by the present owners in the Keeper area comprised a search for the source area from which Geological Survey Branch scientists had obtained samples with strongly anomalous silver values (MMAR Report of Activities, 2007). Work included reconnaissance prospecting and soil sampling along and close to various logging roads. Analytical data have been reported in ARIS reports.

Earlier in 2015, geologist/prospectors working for the owner located a site that appears to be the source of the anomalous GSB samples. That work was reported in ARIS #35593, a technical report by the present author dated July 29, 2015. A sample taken from large boulders contained strongly anomalous metal values, including 8 ppm molybdenum, 3522.0 ppm copper, 3267.7 ppm lead, >10000 ppm zinc, >100 ppm silver, 150.6 ppm arsenic, 8.0 ppb gold, 440.7 ppm cadmium, 1954.1 ppm antimony, 3.41 ppm mercury and apparently-elevated levels of nickel, cobalt, manganese, strontium and vanadium.

One hundred eighty-three soil geochemical samples were taken, mostly at 50 metre spacing, from a grid that is approximately centered on the logging road that accesses the Keap Creek drainage. Sample locations were GPS-controlled and are plotted in Figure 5 that accompanies this report. Soils have “fair” to “good” profile development and for sampling purposes a dark reddish brown “B” horizon layer found at shallow depth (20 to 25 cm depth), where present, was selected. Soil samples were submitted to MS Analytical in Langley, BC, for preparation followed by 51 element ICP-ES analysis (reference: MS Analytical Certificate of Analysis # YVR1610149 (see Appendix I). Soil sample locations and selected analyses are plotted in Figure 5a (copper), 5b (molybdenum), 5c (silver), and 5d (manganese) of this report.

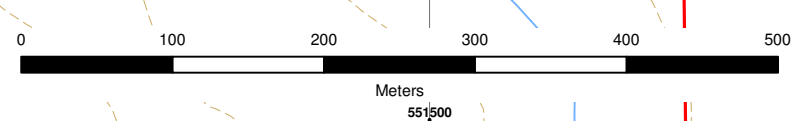


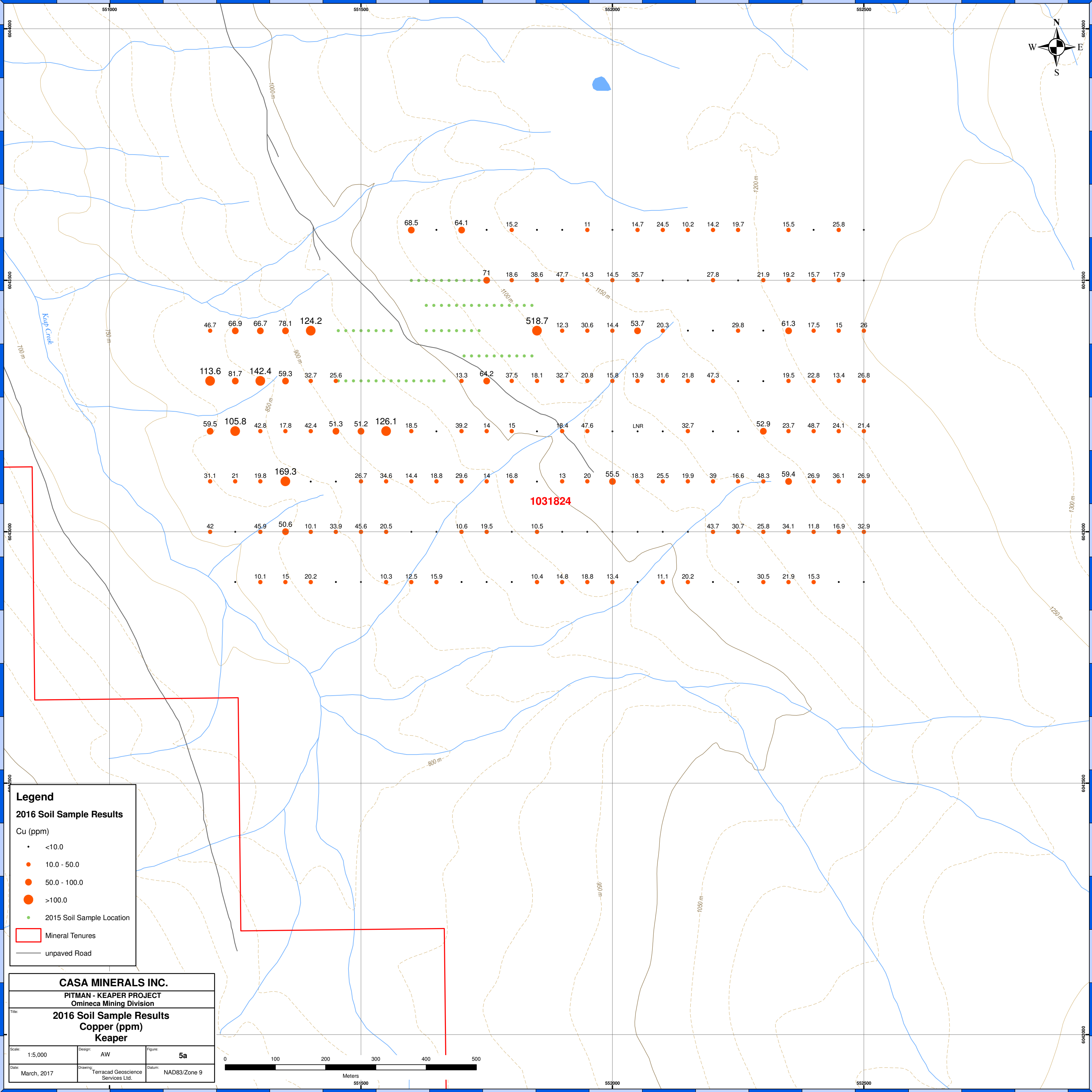
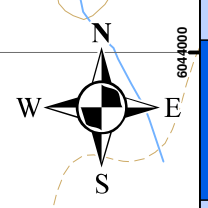
1031824

Legend

- 2015 Soil Sample Location
- 2016 Soil Sample Location
- ▭ Mineral Tenures
- unpaved Road

CASA MINERALS INC.		
PITMAN - KEAPER PROJECT Omineca Mining Division		
Title: 2016 Soil Sample Locations Keeper		
Scale: 1:5,000	Design: AW	Figure: 5
Date: March, 2017	Drawing: Terracad Geoscience Services Ltd.	Datum: NAD83/Zone 9





Legend

2016 Soil Sample Results

Cu (ppm)

- <10.0
- 10.0 - 50.0
- 50.0 - 100.0
- >100.0
- 2015 Soil Sample Location

▭ Mineral Tenures

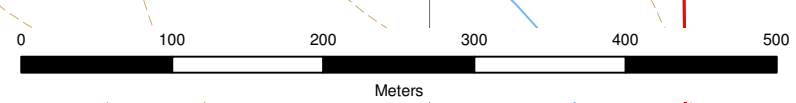
— unpaved Road

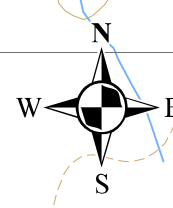
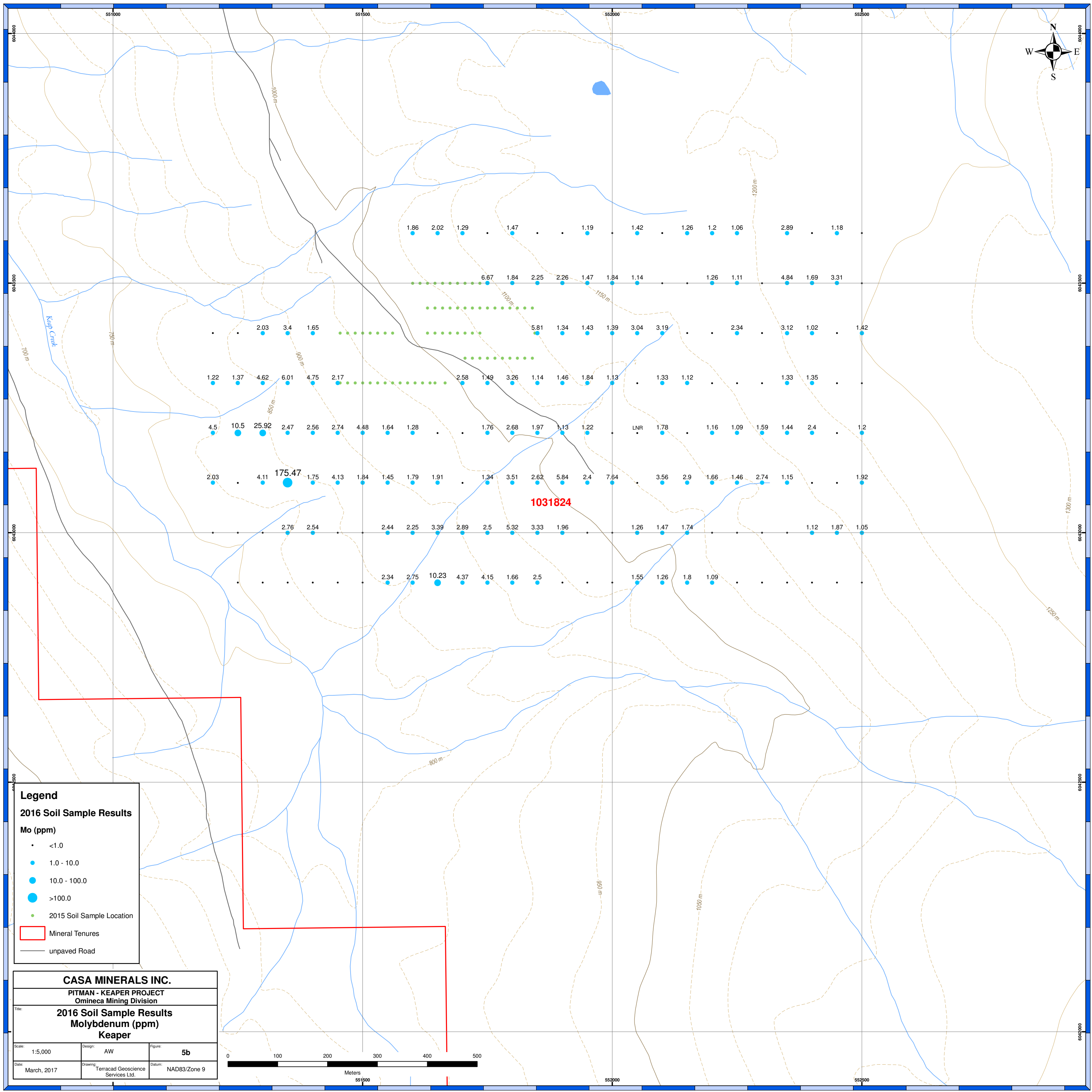
CASA MINERALS INC.

PITMAN - KEAPER PROJECT
Omineca Mining Division

Title: **2016 Soil Sample Results
Copper (ppm)
Keaper**

Scale: 1:5,000	Design: AW	Figure: 5a
Date: March, 2017	Drawing: Terracad Geoscience Services Ltd.	Datum: NAD83/Zone 9





Legend

2016 Soil Sample Results

Mo (ppm)

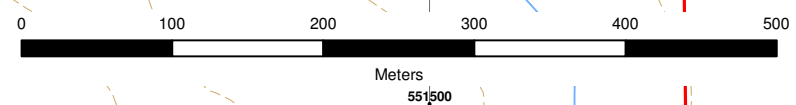
- <1.0
- 1.0 - 10.0
- 10.0 - 100.0
- >100.0
- 2015 Soil Sample Location
- ▭ Mineral Tenures
- unpaved Road

CASA MINERALS INC.

PITMAN - KEAPER PROJECT
Omineca Mining Division

Title: **2016 Soil Sample Results**
Molybdenum (ppm)
Keaper

Scale: 1:5,000	Design: AW	Figure: 5b
Date: March, 2017	Drawing: Terracad Geoscience Services Ltd.	Datum: NAD83/Zone 9



Map data points (Molybdenum ppm):

1.86, 2.02, 1.29, 1.47, 1.19, 1.42, 1.26, 1.2, 1.06, 2.89, 1.18

6.67, 1.84, 2.25, 2.26, 1.47, 1.84, 1.14, 1.26, 1.11, 4.84, 1.69, 3.31

5.81, 1.34, 1.43, 1.39, 3.04, 3.19, 2.34, 3.12, 1.02, 1.42

1.22, 1.37, 4.62, 6.01, 4.75, 2.17, 2.58, 1.49, 3.26, 1.14, 1.46, 1.84, 1.13, 1.33, 1.12, 1.33, 1.35

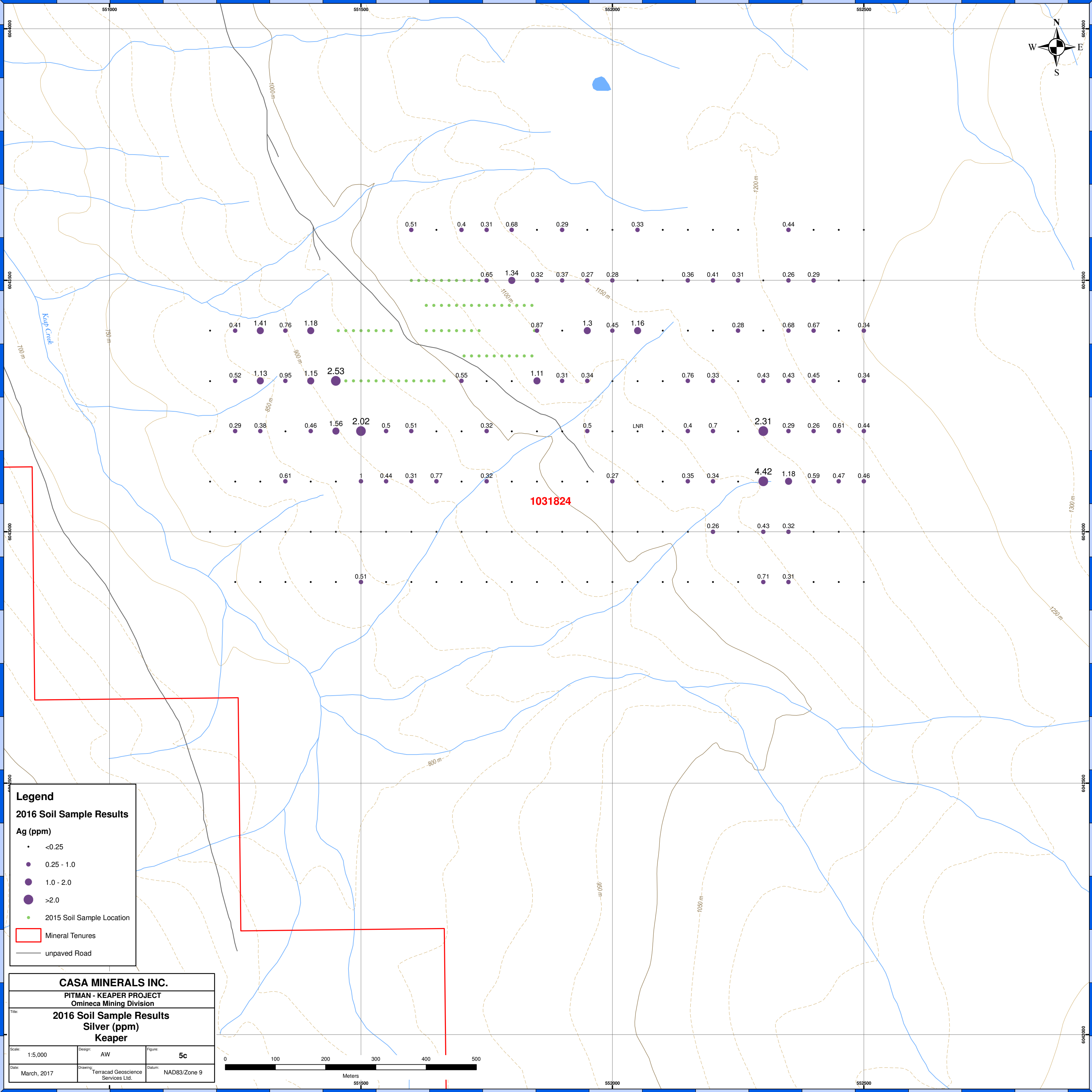
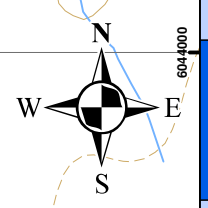
4.5, 10.5, 25.92, 2.47, 2.56, 2.74, 4.48, 1.64, 1.28, 1.76, 2.68, 1.97, 1.13, 1.22, LNR, 1.78, 1.16, 1.09, 1.59, 1.44, 2.4, 1.2

2.03, 4.11, 175.47, 1.75, 4.13, 1.84, 1.45, 1.79, 1.91, 1.34, 3.51, 2.62, 5.84, 2.4, 7.64, 3.56, 2.9, 1.66, 1.46, 2.74, 1.15, 1.92

2.76, 2.54, 2.44, 2.25, 3.39, 2.89, 2.5, 5.32, 3.33, 1.96, 1.26, 1.47, 1.74, 1.12, 1.87, 1.05

2.34, 2.75, 10.23, 4.37, 4.15, 1.66, 2.5, 1.55, 1.26, 1.8, 1.09

1031824



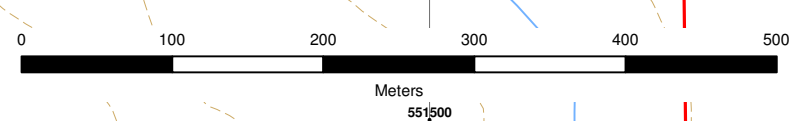
Legend

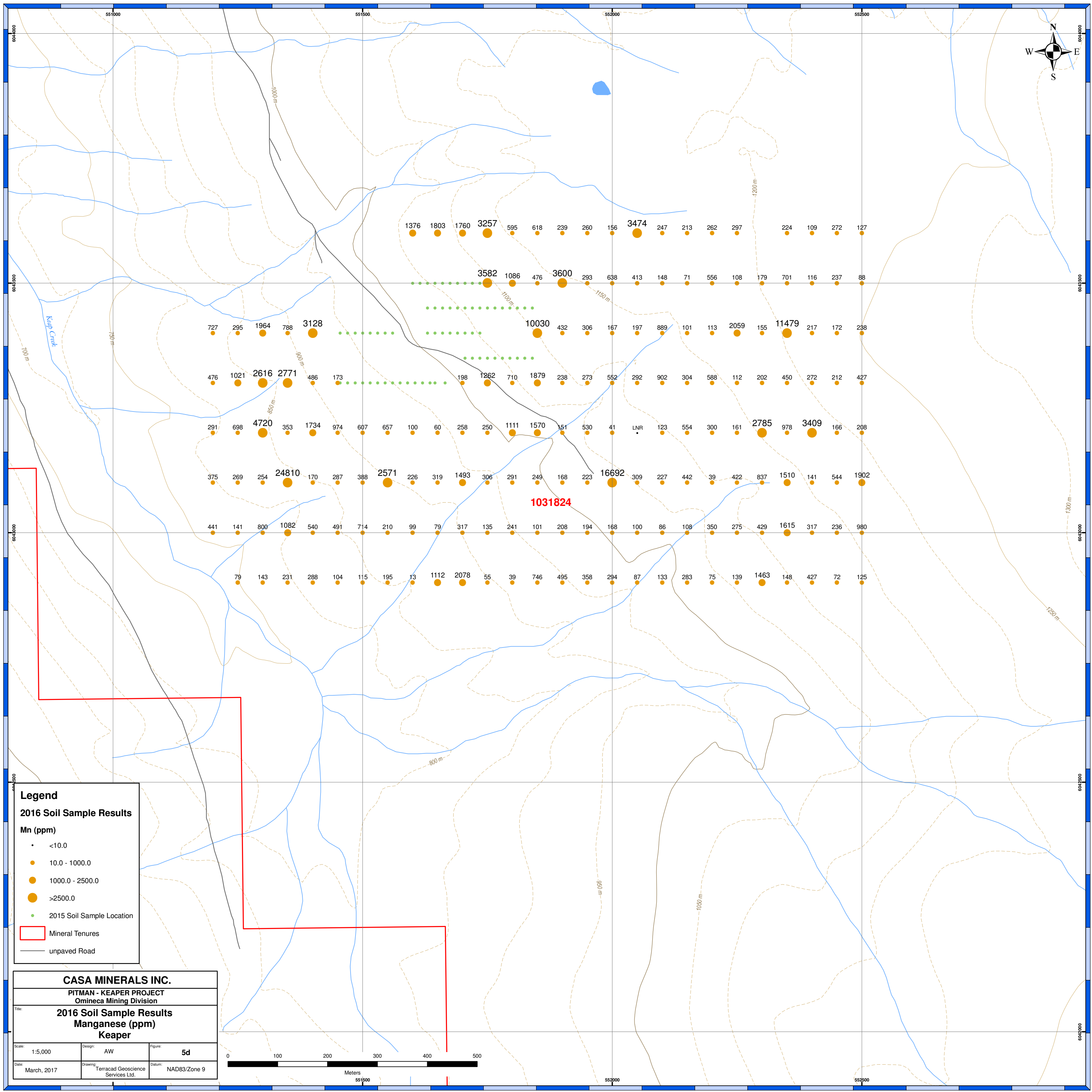
2016 Soil Sample Results

Ag (ppm)

- <0.25
- 0.25 - 1.0
- 1.0 - 2.0
- >2.0
- 2015 Soil Sample Location
- ▭ Mineral Tenures
- unpaved Road

CASA MINERALS INC.		
PITMAN - KEAPER PROJECT Omineca Mining Division		
Title: 2016 Soil Sample Results Silver (ppm) Keaper		
Scale: 1:5,000	Design: AW	Figure: 5c
Date: March, 2017	Drawing: Terracad Geoscience Services Ltd.	Datum: NAD83/Zone 9





Legend

2016 Soil Sample Results

Mn (ppm)

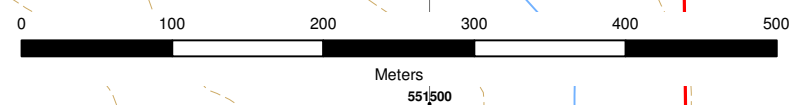
- <10.0
- 10.0 - 1000.0
- 1000.0 - 2500.0
- >2500.0
- 2015 Soil Sample Location
- ▭ Mineral Tenures
- unpaved Road

CASA MINERALS INC.

PITMAN - KEAPER PROJECT
Omineca Mining Division

Title: **2016 Soil Sample Results**
Manganese (ppm)
Keaper

Scale: 1:5,000	Design: AW	Figure: 5d
Date: March, 2017	Drawing: Terracad Geoscience Services Ltd.	Datum: NAD83/Zone 9



4.0 DISCUSSION OF RESULTS (also see Section 5.0)

The summer 2016 program of work expanded soil geochemical coverage in and near the Pitman molybdenum prospect west of Skeena River and in the near vicinity of the assumed “Keeper” mineral zone located approximately 21 km south southeast of Pitman from which high silver values have been obtained. Field work in the Pitman area benefited from historic drill data and from work in recent years that has been filed in ARIS reports included data compilation, prospecting, MMI and conventional soil geochemical surveys, and a structural study based on satellite imagery.

4.1 Pitman Area

Summer 2016 work in the Pitman area expanded soil geochemical coverage in areas close to reported or verified molybdenite occurrences. Previously reported soil sampling work included areas that had been explored by Canex and E & B Explorations and that data are included in illustrations of analyses where they are identified by square “dots”. Work in the area in June, 2015 had attempted unsuccessfully to locate “Upper” and “Lower” mineral zones, as shown in a drawing in the 1980 E & B Explorations Ltd. assessment report (Kruckowski, 1980). Failure resulted in part due to vague descriptions in earlier reports, but also to the passage of time that has resulted in erasure of most features that might have been useful clues to their locations. As reported in the assessment report of June, 2015 prospecting and sampling (ARIS #35593), the expectation that rock and soil analytical data would provide sufficient information to allow re-discovery of the reported mineral zones was not realized and the subsequent autumn program of soil sampling (ARIS #35919) was an attempt to use soil geochemistry as an additional search tool.

The geology of Pitman molybdenum area is dominated by a granitic intrusion that is almost certainly related to the large nearby Carpenter Creek pluton (Figure 3). Several variations of the granite were noted, ranging from quartz porphyry with coarse, glassy quartz grains, to sugary-textured equigranular granite. Small areas of dark, very fine grained meta-sedimentary rocks that were located in bulldozer side-cuts are remnant pendants, likely of Hazelton Group formations.

Three hundred and forty-two soil samples were obtained in 2016 from a GPS-controlled grid (Figure 4). Soil development is variable, ranging from poor quality to “good” profiles. Where present, the samplers selected parts of a reddish coloured soil horizon that is, generically, a “B” horizon that underlies the superficial organic and immature “A” layer. Elsewhere the soil comprised grayish modified glacial till material. The samplers did not consistently record the identity of the sample material. Soils were forwarded to MS Analytical for processing and analysis for 51 elements. Reference is to Appendix I of this amended report that includes the complete Certificate of Analysis.

Molybdenum in soils data, as previously reported (ARIS #35593, 35919) indicates an area of moderately elevated molybdenum values (maximum 221 ppm Mo) located on the easterly slope of the ridge that separates Sand Creek on the west from Joe Bell Creek, and similar values east of Joe Bell Creek (maximum value 133 ppm Mo), the site of an undetermined amount of historic drilling and 'dozer trenching. Molybdenum analyses from the earlier work did not offer guidance to any particular area; copper in soils data from earlier surveys is featureless without any values of particular significance; silver analyses were uniformly very low; manganese analyses showed a marked difference, with samples from the west side of Joe Bell Creek relatively low, maximum 1299 ppm, and those from the east side, more uniformly "high", maximum 4309 ppm. The significance of the moderately strong manganese values is uncertain but likely reflects an underlying terrain with pendants or remnants of sedimentary formations.

4.2 Keeper Area

Work in the Keeper area in June 2015 was believed to have re-located the mineral zone first reported by GSB scientists (quoted in ARIS #35593). From initial observations, it appeared that the subject zone was situated on a slumped area that had displaced a mass of rock, glacial till and vegetation about 100 metres down a 20° slope. Such a situation is not uncommon in mountainous terrains but is usually obscured by vegetation whereas at Keeper the entire slope proximal to the logging road had been clear cut logged, thereby exposing the escarpment and the displaced (?) material. A grab sample of the mineralization (ARIS #35593 - sample no. 201542) that was analysed returned 8 ppm molybdenum, 3522.0 ppm copper, 3267.7 ppm lead, >10000 ppm zinc, >100 ppm silver, 150.6 ppm arsenic, 8.0 ppb gold, 440.7 ppm cadmium, 1954.1 ppm antimony, 3.41 ppm mercury and apparently-elevated levels of nickel, cobalt, manganese, strontium and vanadium (ARIS #35593, Ostensoe, 2015). It was stated that the array of elevated metal values is consistent with a hydrothermal mineralizing event and is strongly suggestive of the presence of sulphosalt (i.e. tetrahedrite family) minerals.

The autumn 2015 soil geochemical sampling work (ARIS #35919) was directed to the area believed to include the reported anomalous metal values reported by the GSB field crew (McKeown, M., Nelson, J. L. and Friedman, R, 2008). A GPS-controlled grid of samples, comprising 67 soil samples, was placed on and proximal to the "float" boulders from which the GSB samples were obtained. Soil sample locations are shown in Figure 6 as "dots". The grid extended easterly from the upslope edge of a logging clear-cut, downslope in the clear-cut for about 400 metres. 2016 soil sampling, as shown in accompanying drawings, expanded the sample grid to 1.5 km (east-west) and 0.8 km (north-south).

The host formations in the Keeper area were identified by McKeown, et al. (2008) as "Paleozoic volcanic rocks of the Stikine assemblage" but much of the area is underlain by monotonous, grey, equigranular granite related to the Coast Intrusions Complex. No further geological

information was obtained by the soil sampling crew other than “all outcrops were of granite” (D. Grinder, personal communication, Nov, 2015).

Molybdenum, copper, silver and manganese analyses of 2015 samples were plotted for purposes of ARIS report #35919. That report stated that apparently elevated copper in soils values, above an arbitrarily selected value of 100 ppm copper, are present in most parts of the sampling grid. Although a useful number of samples were represented, data from further sampling of an extended grid was required and recommended. Silver in soils values as reported were low but the distribution of a small number of higher values suggested that the small grid of 67 samples was insufficient to allow any conclusions regarding the possible presence of a mineralized source area: the data failed to direct attention to the assumed source of the mineralized boulders that were described in the earlier ARIS report. It was suggested that several samples with very high manganese contents (greater than 10,000 ppm) likely were reflective of particular soil conditions in the thin and somewhat immature soil layer overlying Coast Range-type granite and that manganese minerals are frequently a component of silver-bearing deposits.

5.0 DISCUSSION OF RESULTS

5.1 Pitman Area

Analyses of geochemical soil samples from the 2016 program of work are presented in Figures 4a (copper), 4b (molybdenum), 4c (silver) and 4d (manganese). Metal concentrations are presented both numerically and by symbols that represent ranges of values. All analyses are presented in Appendix I of this report.

The 2016 sampling grid comprised sampling lines that extended from south of Joe Bell Creek southerly to the upper slope of the ridge that lies between that creek and Sand Creek and included an area to the north that surrounds several small tributaries of Joe Bell Creek. Two longer lines to the west and two longer lines to the east provide connections between the two main parts of the grid.

Copper in soils values are mostly low, (Figure 4a) with only eight of 342 samples exceeding 80 ppm copper, six of which are located in the approximate vicinity of the “Joe Bell” prospect on the ridge between Joe Bell and Sand Creeks and two, including the highest value of 340.9 ppm copper, near a logging haul road to the north side of Joe Bell Creek.

Molybdenum in soils values in the southern part of the survey grid (Figure 4b) are moderately to strongly anomalous, with many samples analyzing greater than 100 ppm molybdenum: elsewhere, only a small number of samples exceed that value. The strong pattern of elevated molybdenum in soils corresponds to the previously known area of the “Joe Bell”, aka “Pitman”

molybdenum occurrence that has been explored in the distant and more recent past. Other “high” readings are scattered and do not correlate well with high copper in soils.

Silver in soils values in the southern part of the survey grid (Figure 4c) are uniformly very low, with few samples analyzing in excess of 0.5 ppm silver. A small number of samples with weakly elevated values, from 0.52 to 0.61 ppm silver, were obtained close to the 500 metre elevation contour (see Figure 4c). Soils from the northern part of the surveyed area returned higher, but still “low” silver values. The significance, if any, of this pattern is unknown.

Manganese in soils values vary widely, (Figure 4d) without any apparent pattern to the distribution of elevated values. Highest values are in excess of 1100 ppm, reaching 18490 ppm. Evaluation of the manganese in soils distribution would require additional data, including soil and rock characterization and inclusion of analytical data from earlier survey work. Such studies have not been undertaken and the value of such data with respect to determining the mineral potential of the Pitman property is unknown.

5.2 Keaper Area

Geochemical analyses of soil samples from the 2016 program of work on the Keaper property are shown in Figures 5a – copper, 5b – molybdenum, 5c – silver, and 5d – manganese. All other analyses are presented in Certificate of Analysis YVR1610149 that is included as Appendix I of this report.

The 2016 program of soil geochemical sampling included an area with dimensions 700 metres north-south and 1250 metres east-west. 183 soils were analysed.

Copper in soils values range from <10 ppm to 518.7 ppm, (Figure 5a) with the highest value being from the near vicinity of the mineralized boulder first reported by BCDM scientists. Several soils from the northwestern part of the grid, below the haul road, returned numerous samples with elevated copper values, up to 169.3 ppm. Copper analyses of samples from the two southmost grid lines are uniformly low, except for one sample with 50.6 ppm.

Molybdenum in soils analyses for most of the grid (Figure 5b) are uniformly very low, 10 ppm or less, with the exception of three from the northwest part of the survey: 175.47, 25.92 and 10.5 ppm. One soil from the southmost grid line reported 10.23 ppm Mo.

Silver in soils analyses range from <0.25 ppm to 4.42 ppm, (Figure 5c) with mid-range, 1.0 ppm to 2.0 ppm, values present from various parts of the grid. The exception appears to be the southernmost two grid lines where most silver values are very low, <0.25 ppm silver. As is the case for copper and molybdenum, samples from the northwest part of the grid, between the haul road and Keap Creek, have “elevated” silver values: the significance of this observation is unknown.

Manganese in soils analyses vary widely, from <10 ppm to 24810 ppm. The significance, if any, of the higher values is unknown but as noted above, many soils from the northwest part of the grid returned “elevated” manganese contents.

6.0 CONCLUSIONS

The autumn 2015 program of soil sampling in the vicinity of the reported Pitman molybdenite occurrences supported the exploration model that associates molybdenum with leucocratic granitic intrusions and was a useful addition to the exploration database. Further work, including prospecting, soil sampling and detailed geologic mapping, was recommended. That work, in the form of an expanded sampling grid of 342 soil samples, was completed in 2016.

Earlier soil geochemical sampling in the so-called “Keeper” prospect area yielded inconclusive results. The enlarged 2016 sample grid of 183 soils may provide a better basis for evaluation of the area.

6.1 CONCLUSIONS (AMENDED)

The 2016 program of soil sampling and analyses expanded coverage in both the Pitman and Keeper areas. The Pitman area remains prospective for molybdenum mineralization but the survey does not give useful guidance for further exploration. Analyses of samples from the Keeper grid draw attention to an area lying between the decommissioned haul road and Keap Creek where an area with dimensions in excess of 400 metres north-south by 300 metres east-west shows possibly anomalous amounts of copper, molybdenum (weak), and silver. Manganese in soils values are too scattered to be of much use in evaluating the grid area.

7.0 REFERENCES

The following sources were consulted as part of the preparation of the accompanying report:

Duffell, S. and Souther, J. G., (1964) Geology of Terrace Map-Area, British Columbia (103I E1/2), Geol. Surv. Canada, Memoir 329

Kruchkowski, E. R., 1980, Drill Report on the Pit IV Claim, Omineca M. D., B. C., report to E & B Explorations Inc. filed as assessment report # 07993, ARIS, Geol. Surv. Branch, Ministry of Energy, Mines and Petroleum Resources

McKeown, M., Nelson, J. L. and Friedman, R (2008): Newly discovered volcanic-hosted massive sulphide potential within Paleozoic volcanic rocks of the Stikine assemblage, Terrace area, northwestern British Columbia (NTS 103I/08); in Geological Fieldwork 2007, B. C. Ministry of Energy, Mines and Petroleum Resources, Paper 2008-1, pp. 103 - 116

MINFILE, 2015, MINFILE BC mineral deposits database; BC Ministry of Energy and Mines, accessible from computer search services

Nelson, J. and Kennedy, R., 2007, Terrace Regional Mapping Project Year 2: New Geological Insights and Exploration Targets (NTS 103I/16S, 10W), West-Central British Columbia, entry in Geological Fieldwork 2006, Paper 2007-1, Geol. Surv. Branch, Ministry of Energy, Mines and Petroleum Resources, British Columbia

Nelson, J., Kyba, J, McKeown, M., and Angen, J., 2008, Terrace Regional Mapping Project Year 3: Contributions to Stratigraphic, Structural and Exploration Concepts, Zymoetz River to Kitimat River, East-Central British Columbia (NTS 103I/08), entry in Geological Fieldwork 2007, Paper 2008-1, Geol. Surv. Branch, Ministry of Energy, Mines and Petroleum Resources, British Columbia

Ostensoe, E. A., 2015, Technical Report, Pitman and Keaper Properties, East of Terrace, B. C., ARIS #35593

Ostensoe, E. A., 2016a, Technical Report – Pitman and Keaper Properties, East of Terrace, B. C., Skeena Mining Division, British Columbia, Canada, ARIS #35919

Ostensoe, E. A., 2016b, Technical Report – Pitman and Keaper Properties, East of Terrace, B. C., Skeena Mining Division, British Columbia, ARIS #36375

Payie, G. and Ostensoe, E.A., 2009, Technical Report, Pitman Borden Properties, Skeena River Area, Omineca Mining Division, Northwestern British Columbia, ARIS #30900, Geol. Surv. Branch, B.C. Ministry of Energy, Mines and Petroleum Resources

Schindler, J. N. and Barker, R. A., 1966, Geological and Geochemical Report on the Fiddler Creek Claims, Sno #1 – 10, ARIS No. 0866, Assessment report for Amax Exploration, Inc.

Shirvani, Farshad, 2007, Technical Report of Structural Analysis, Pitman Molybdenite Project, Omineca Mining Division, Skeena River Area, Northwestern British Columbia, ARIS #29151, Geol. Surv. Branch, B.C. Ministry of Energy, Mines and Petroleum Resources

Venable, M. E. and Wodjak, P. J., 2009, Shan Deposit, east-central British Columbia: an emerging deposit model, Geol. Fieldwork 2008, Paper 2009-1, Ministry of Energy and Mines

8.0 AUTHOR'S QUALIFICATIONS

Erik Ostensoe, P. Geo., consulting geologist, is the principal author of the accompanying report. He has been active in mineral exploration work for more than 45 years and is familiar with the geology of base metal deposits and with the geology of all parts of the Canadian Cordillera.

9.0 STATEMENT OF EXPENDITURES

The following expenditures were incurred in completing the field work and analyses that are reported in the accompanying report:

Field Personnel:

Devin Grinder, prospector, sampler, May 25 – Jun 19, 2016, 26 days @ \$450/day	\$ 11,700.00
Justin Zimmerlee, sampler, May 25 – June 19, 2016, 26 days @ \$400/day	\$ 10,400.00
Truck – 26 days @ \$150/day	\$ 3,900.00
Gasoline	\$ 392.00
Food	\$ 443.26
Motel – Costa Lessa, Terrace, B. C., invoice #062316	\$ 2,738.88
IRL – field supplies and consumables	\$ 410.83
Equipment rental – 2 GPS, Camera, InReach safety beacon, 26 days @ \$30/day	\$ 780.00
Greyhound Bus freight charges – supplies, samples to lab	\$ 154.67
Terracad Geoscience Services – mapping, expediting, program supervision 30 hrs @ \$100	\$ 3,000.00
Geological consulting and report preparation - 2.5 days @ \$600/day	\$ 1,500.00
Analyses – 525 soil geochemical samples @ \$21.00/sample	\$ 11,025.00
TOTAL EXPENDITURES –	\$ 46,444.64

APPENDIX I

MS ANALYTICAL CERTIFICATE OF ANALYSIS YVR1610142A, YVR1610142B, YVR1610149



MS Analytical

An A2 Global Company

MS Analytical
Unit 1, 20120 102nd Avenue
Langley, BC V1M 4B4
Phone: +1-604-888-0875

To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610142A

Project Name: Pitman
Job Received Date: 09-Nov-2016
Job Report Date: 07-Dec-2016
Report Version: Final

COMMENTS:

Coarse gold and silver may be present in some samples. NR indicates sample not received.

Test results reported relate only to the samples as received by the laboratory. Unless otherwise stated above, sufficient sample was received for the methods requested and all samples were received in acceptable condition. Analytical results in unsigned reports marked "preliminary" are subject to change, pending final QC review. Please refer to MS Analyticals' *Schedule of Services and Fees* for our complete Terms and Conditions

SAMPLE PREPARATION	
METHOD CODE	DESCRIPTION
PRP-757	Dry, Screen to 80 mesh, save plus fraction

ANALYTICAL METHODS	
METHOD CODE	DESCRIPTION
IMS-130	Multi-Element, 0.5g, 3:1 Aqua Regia, ICP-AES/MS, Ultra Trace Level

Signature:

Yvette Hsi, BSc.
Manager - Geochem
MS Analytical



An A2 Global Company

MS Analytical
 Unit 1, 20120 102nd Avenue
 Langley, BC V1M 4B4
 Phone: +1-604-888-0875

To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610142A

Project Name: Pitman
 Job Received Date: 09-Nov-2016
 Job Report Date: 07-Dec-2016
 Report Version: Final

Sample ID	Sample Type	PWE-100 Rec. Wt. kg	Method Analyte Units	IMS-130 Ag ppm	IMS-130 Al %	IMS-130 As ppm	IMS-130 Au ppm	IMS-130 B ppm	IMS-130 Ba ppm	IMS-130 Be ppm	IMS-130 Bi ppm	IMS-130 Ca %
		0.01	LOR	0.01	0.01	0.1	0.005	10	10	0.05	0.01	0.01
L41900-66500	Soil	0.10		0.39	1.93	2.5	<0.005	<10	64	0.35	0.10	0.18
L41900-66450	Soil	0.11		0.07	0.22	2.2	<0.005	<10	30	<0.05	0.06	0.02
L41900-66400	Soil	0.13		0.05	0.95	6.0	<0.005	<10	42	0.06	0.23	0.03
L41900-66350	Soil	0.15		0.13	1.03	22.0	<0.005	<10	22	<0.05	0.23	0.02
L41900-66300	Soil	0.08		0.07	0.16	0.6	<0.005	<10	13	<0.05	0.06	0.02
L41900-66250	Soil	0.64		0.28	0.76	19.6	<0.005	41	40	0.38	0.05	1.22
L41900-66200	Soil	0.12		0.14	0.78	17.9	<0.005	<10	15	<0.05	0.29	0.03
L41900-66150	Soil	0.11		0.02	1.06	1.7	<0.005	<10	30	<0.05	0.17	0.02
L41900-66100	Soil	0.08		0.03	0.46	5.5	<0.005	<10	18	<0.05	0.22	0.03
L41900-66050	Soil	0.14		0.16	1.66	20.9	<0.005	<10	51	0.20	0.21	0.04
L41900-66000	Soil	0.12		0.86	1.47	0.9	<0.005	<10	19	0.16	0.55	0.19
L41900-65950	Soil	0.09		0.34	0.51	1.0	<0.005	<10	14	<0.05	0.22	0.04
L41900-65900	Soil	0.09		0.22	1.56	<0.1	<0.005	<10	50	0.12	0.72	0.10
L41900-65850	Soil	0.12		0.48	2.30	7.2	<0.005	<10	37	0.09	2.69	0.13
L41900-65800	Soil	0.06		0.18	0.31	2.9	0.006	<10	75	0.09	0.12	1.16
L41900-65750	Soil	0.01		0.17	1.11	16.1	<0.005	<10	34	0.07	0.28	0.05
L41900-65700	Soil	0.09		0.11	0.20	0.2	<0.005	<10	10	<0.05	0.52	0.16
L41900-65650	Soil	0.16		0.22	1.90	14.2	<0.005	<10	31	0.13	0.60	0.06
L41900-65600	Soil	0.13		0.04	2.79	12.5	<0.005	<10	39	0.30	0.27	0.03
L41900-65550	Soil	0.11		0.08	0.80	7.4	<0.005	<10	18	<0.05	1.45	0.09
L41900-65500	Soil	0.09		0.09	1.02	2.6	<0.005	<10	26	0.09	0.32	0.21
L41900-65450	Soil	0.11		0.06	2.58	13.0	<0.005	<10	59	0.34	0.24	0.05
L41900-65400	Soil	0.13		0.17	4.28	23.2	<0.005	<10	50	0.62	0.20	0.05
L41900-65350	Soil	0.13		0.08	1.07	23.9	<0.005	<10	114	0.22	0.30	0.16
L41900-65300	Soil	0.17		0.03	1.19	9.3	<0.005	<10	95	0.14	0.23	0.17

Please refer to the cover page for comments regarding this certificate.



An A2 Global Company

MS Analytical
 Unit 1, 20120 102nd Avenue
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 Phone: +1-604-888-0875

To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610142A

Project Name: Pitman
 Job Received Date: 09-Nov-2016
 Job Report Date: 07-Dec-2016
 Report Version: Final

Sample ID	Sample Type	PWE-100 Rec. Wt. kg	Method Analyte Units	IMS-130 Ag ppm	IMS-130 Al %	IMS-130 As ppm	IMS-130 Au ppm	IMS-130 B ppm	IMS-130 Ba ppm	IMS-130 Be ppm	IMS-130 Bi ppm	IMS-130 Ca %
		0.01	LOR	0.01	0.01	0.1	0.005	10	10	0.05	0.01	0.01
L41900-65250	Soil	0.14		0.17	2.13	24.4	<0.005	<10	28	0.13	0.22	0.08
L41900-65200	Soil	0.10		0.16	1.33	16.3	<0.005	<10	25	0.13	0.34	0.06
L41900-65150	Soil	0.11		0.20	2.92	20.7	<0.005	<10	51	0.46	0.24	0.04
L41900-65100	Soil	0.12		0.10	2.70	3.1	<0.005	<10	51	0.31	0.29	0.03
L41900-65050	Soil	0.15		0.06	0.78	3.0	<0.005	<10	60	0.13	0.18	0.03
L41900-65000	Soil	0.12		0.15	5.12	5.1	<0.005	<10	96	0.97	0.48	0.05
L41900-64975	Soil	0.13		0.21	3.08	14.5	<0.005	<10	208	0.97	1.83	0.07
L42000-66500	Soil	0.08		0.09	0.20	6.9	<0.005	<10	11	<0.05	0.05	0.02
L42000-66450	Soil	0.12		0.08	0.85	9.0	<0.005	<10	28	0.06	0.28	0.03
L42000-66400	Soil	0.17		0.05	0.32	1.3	<0.005	<10	15	<0.05	0.16	0.04
L42000-66350	Soil	0.11		0.57	0.75	5.9	<0.005	<10	45	0.08	0.21	0.02
L42000-66300	Soil	0.13		0.27	0.92	9.8	<0.005	<10	26	0.08	0.18	0.02
L42000-66250	Soil	0.10		0.69	2.98	2.8	<0.005	<10	274	1.96	0.66	0.12
L42000-66200	Soil	0.14		0.13	0.62	13.2	<0.005	<10	25	<0.05	0.22	0.02
L42000-66150	Soil	0.14		0.39	3.32	20.8	<0.005	<10	30	0.17	0.19	0.04
L42000-66100	Soil	0.15		0.02	0.09	1.0	<0.005	<10	<10	<0.05	0.02	<0.01
L42000-66050	Soil	0.15		0.02	0.95	6.2	<0.005	<10	25	0.08	0.19	0.02
L42000-66000	Soil	0.06		0.04	0.72	5.8	<0.005	<10	24	0.12	0.21	0.02
L42000-65950	Soil	0.14		0.19	2.77	28.5	<0.005	<10	43	0.43	0.41	0.05
L42000-65900	Soil	0.14		0.15	2.30	19.9	<0.005	<10	67	0.43	0.17	0.08
L42000-65850	Soil	0.20		0.03	2.46	28.4	<0.005	<10	44	0.29	0.16	0.07
L42500-65000	Soil	0.08		0.23	2.64	5.6	<0.005	<10	68	0.73	5.22	0.04
L42500-64950	Soil	0.11		0.03	0.26	4.0	<0.005	<10	27	<0.05	0.22	0.04
L42500-64900	Soil	0.13		0.24	2.20	14.8	<0.005	<10	300	1.02	1.20	0.22
L42500-64850	Soil	0.18		0.59	3.98	21.8	<0.005	<10	64	0.48	0.67	0.07

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To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610142A

Project Name: Pitman
 Job Received Date: 09-Nov-2016
 Job Report Date: 07-Dec-2016
 Report Version: Final

Sample ID	Sample Type	PWE-100 Rec. Wt. kg	Method Analyte Units	IMS-130 Ag ppm	IMS-130 Al %	IMS-130 As ppm	IMS-130 Au ppm	IMS-130 B ppm	IMS-130 Ba ppm	IMS-130 Be ppm	IMS-130 Bi ppm	IMS-130 Ca %
		0.01	LOR	0.01	0.01	0.1	0.005	10	10	0.05	0.01	0.01
L42500-64800	Soil	0.09		0.60	1.28	14.4	<0.005	<10	78	0.23	1.30	0.14
L42500-64750	Soil	0.08		0.42	1.35	8.4	<0.005	<10	57	0.15	0.80	0.03
L42500-64700	Soil	0.03		0.20	0.33	1.3	<0.005	19	367	0.16	0.08	4.25
L42500-64675	Soil	NR		NR	NR	NR	NR	NR	NR	NR	NR	NR
L42500-64650	Soil	0.14		0.12	1.90	9.9	<0.005	<10	137	1.10	0.82	0.16
L42500-64600	Soil	0.11		0.27	2.25	2.4	<0.005	<10	185	1.00	14.44	0.19
L42500-64550	Soil	0.15		0.30	2.46	11.8	<0.005	<10	103	0.37	0.49	0.05
L42500-64500	Soil	0.20		0.48	2.51	8.3	<0.005	<10	222	1.16	1.19	0.18
L42600-66450	Soil	0.10		0.15	0.59	2.5	<0.005	<10	23	0.06	0.13	0.05
L42600-66400	Soil	0.04		0.52	5.92	5.8	<0.005	<10	85	2.48	0.05	1.28
L42600-66350	Soil	0.11		0.01	0.22	1.0	<0.005	<10	<10	<0.05	0.07	0.11
L42600-66300	Soil	0.18		0.14	3.52	21.4	<0.005	<10	46	0.32	0.31	0.06
L42600-66250	Soil	0.14		0.07	1.41	4.0	<0.005	<10	30	0.11	0.18	0.09
L42600-66200	Soil	0.12		0.14	3.81	19.7	<0.005	<10	49	1.00	0.20	0.08
L42600-66150	Soil	0.09		0.12	6.22	13.8	<0.005	<10	62	0.89	0.10	0.23
L42600-66100	Soil	0.12		0.49	5.90	8.9	<0.005	<10	26	0.77	0.13	0.42
L42600-66050	Soil	0.10		0.10	3.33	9.7	<0.005	<10	23	0.28	0.15	0.06
L42600-65000	Soil	0.13		0.10	0.68	0.6	<0.005	<10	31	0.08	0.21	0.02
L42600-64950	Soil	0.11		0.10	2.01	12.1	<0.005	<10	83	0.36	0.62	0.06
L42600-64900	Soil	0.14		0.20	1.30	11.8	<0.005	<10	52	0.19	0.77	0.07
L42600-64850	Soil	0.11		0.52	2.39	3.8	<0.005	<10	59	0.46	0.42	0.05
L42600-64800	Soil	0.16		0.26	2.33	13.3	<0.005	<10	57	0.35	0.57	0.06
L42600-64750	Soil	0.16		0.10	0.90	7.3	<0.005	<10	59	0.11	0.65	0.05
L42600-64700	Soil	0.11		0.13	0.99	12.5	<0.005	<10	43	0.11	1.84	0.07
L42600-64650	Soil	0.10		0.38	1.97	14.6	<0.005	<10	119	0.54	1.33	0.09

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To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610142A

Project Name: Pitman
 Job Received Date: 09-Nov-2016
 Job Report Date: 07-Dec-2016
 Report Version: Final

Sample ID	Sample Type	PWE-100 Rec. Wt. kg	Method Analyte Units	IMS-130 Ag ppm	IMS-130 Al %	IMS-130 As ppm	IMS-130 Au ppm	IMS-130 B ppm	IMS-130 Ba ppm	IMS-130 Be ppm	IMS-130 Bi ppm	IMS-130 Ca %
		0.01	LOR	0.01	0.01	0.1	0.005	10	10	0.05	0.01	0.01
L42600-64600	Soil	0.17		0.17	1.18	5.9	<0.005	<10	215	0.23	5.20	0.22
L42600-64550	Soil	0.17		0.43	2.89	15.5	<0.005	<10	68	0.50	0.62	0.08
L42600-64500	Soil	0.10		0.75	3.11	7.2	<0.005	<10	348	1.62	0.80	0.39
L42600-64450	Soil	0.17		0.04	0.71	6.8	<0.005	<10	62	0.07	0.41	0.11
L42600-64400	Soil	0.18		0.15	2.50	8.4	<0.005	<10	70	0.41	1.11	0.09
L42700-64850	Soil	0.09		0.48	1.06	3.6	0.012	<10	430	0.69	0.32	0.80
L42700-64800	Soil	0.14		0.13	2.56	6.9	<0.005	<10	49	0.51	1.07	0.04
L42700-64750	Soil	0.16		0.15	1.89	10.8	<0.005	<10	222	0.65	1.18	0.37
L42700-64700	Soil	0.10		0.28	1.34	15.6	<0.005	<10	71	0.15	0.27	0.06
L42700-64650	Soil	0.06		0.79	1.31	7.4	<0.005	<10	309	1.28	0.41	0.16
L42700-64600	Soil	0.09		0.22	1.08	6.3	<0.005	<10	151	0.30	0.31	0.30
L42700-64550	Soil	0.18		0.17	2.05	20.1	<0.005	<10	135	0.44	0.16	0.24
L42700-64500	Soil	0.17		0.11	0.43	5.2	<0.005	<10	15	<0.05	0.17	0.02
L42700-64450	Soil	0.15		0.06	2.42	0.7	<0.005	<10	305	0.34	0.23	0.16
L42700-64400	Soil	0.20		0.11	2.02	13.5	<0.005	<10	80	0.33	0.35	0.05
L42700-64350	Soil	0.17		0.18	2.88	11.6	<0.005	<10	72	0.48	1.03	0.05
L42800-64850	Soil	0.13		0.19	1.69	7.6	<0.005	<10	151	0.22	0.52	0.21
L42800-64800	Soil	0.17		0.11	2.27	11.9	<0.005	<10	73	0.25	0.17	0.10
L42000-65800	Soil	0.15		0.25	1.96	24.2	<0.005	<10	90	0.41	0.14	0.21
L42000-65750	Soil	NR		NR	NR	NR	NR	NR	NR	NR	NR	NR
L42000-65700	Soil	0.21		0.03	0.59	1.5	<0.005	<10	34	0.10	0.10	0.02
L42000-65650	Soil	0.12		0.08	1.00	1.7	<0.005	<10	42	0.16	0.20	0.02
L42000-65600	Soil	0.12		0.10	1.54	28.1	<0.005	<10	67	0.13	0.37	0.02
L42000-65550	Soil	0.11		0.09	1.58	16.0	<0.005	<10	38	0.17	0.35	0.03
L42000-65500	Soil	0.16		0.03	0.26	1.8	<0.005	<10	10	<0.05	0.11	0.05

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To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
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V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610142A

Project Name: Pitman
 Job Received Date: 09-Nov-2016
 Job Report Date: 07-Dec-2016
 Report Version: Final

Sample ID	Sample Type	PWE-100 Rec. Wt. kg	Method Analyte Units	IMS-130 Ag ppm	IMS-130 Al %	IMS-130 As ppm	IMS-130 Au ppm	IMS-130 B ppm	IMS-130 Ba ppm	IMS-130 Be ppm	IMS-130 Bi ppm	IMS-130 Ca %
		0.01	LOR	0.01	0.01	0.1	0.005	10	10	0.05	0.01	0.01
L42000-65450	Soil	0.13		0.13	4.96	19.7	<0.005	<10	43	0.89	0.97	0.12
L42000-65400	Soil	0.11		0.16	2.64	4.5	<0.005	<10	67	1.21	1.40	0.11
L42000-65350	Soil	0.13		0.04	0.42	6.4	<0.005	<10	24	<0.05	0.16	0.02
L42000-65300	Soil	0.10		0.15	1.09	10.8	<0.005	<10	54	0.12	0.18	0.08
L42000-65250	Soil	0.10		0.18	2.08	14.4	<0.005	<10	36	0.20	0.16	0.03
L42000-65200	Soil	0.12		0.09	1.77	10.1	<0.005	<10	31	0.19	0.43	0.04
L42000-65150	Soil	0.14		0.19	1.68	10.8	<0.005	<10	71	0.22	0.22	0.06
L42000-65100	Soil	0.16		0.14	3.96	26.7	<0.005	<10	53	0.47	0.25	0.06
L42000-65050	Soil	0.17		0.06	1.36	6.4	<0.005	<10	48	0.16	0.56	0.04
L42000-65000	Soil	0.10		0.10	1.98	19.1	<0.005	<10	73	0.32	0.63	0.08
L42000-64950	Soil	0.17		0.02	0.52	1.9	<0.005	<10	76	0.12	0.28	0.08
L42100-66700	Soil	0.12		0.12	0.32	5.9	<0.005	<10	21	<0.05	0.13	0.01
L42100-66650	Soil	0.12		0.19	1.15	19.1	<0.005	<10	19	0.07	0.21	0.02
L42100-66600	Soil	0.10		0.17	1.05	22.4	<0.005	<10	23	0.06	0.28	0.05
L42100-66550	Soil	0.12		0.24	2.56	28.0	<0.005	<10	26	0.13	0.18	0.04
L42100-66500	Soil	0.13		0.26	1.67	18.5	<0.005	<10	15	0.07	0.98	0.02
L42100-66450	Soil	0.13		0.06	0.77	14.5	<0.005	<10	32	<0.05	0.20	0.02
L42100-66400	Soil	0.12		0.20	3.50	19.5	<0.005	<10	27	0.20	0.18	0.05
L42100-66350	Soil	0.15		0.25	4.75	22.2	<0.005	<10	34	0.28	0.20	0.04
L42100-66300	Soil	0.11		0.10	0.68	20.5	<0.005	<10	15	<0.05	0.21	0.03
L42100-66250	Soil	0.10		0.45	1.26	10.0	<0.005	<10	46	0.18	0.26	0.04
L42100-66200	Soil	0.17		0.53	2.89	37.1	<0.005	<10	66	0.77	0.54	0.14
L42100-66150	Soil	0.17		0.37	2.10	48.2	<0.005	<10	149	0.95	0.63	0.44
L42100-66100	Soil	NR		NR	NR	NR	NR	NR	NR	NR	NR	NR
L42100-66050	Soil	0.10		0.09	2.42	4.0	<0.005	<10	38	0.28	0.13	0.05

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V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610142A

Project Name: Pitman
 Job Received Date: 09-Nov-2016
 Job Report Date: 07-Dec-2016
 Report Version: Final

Sample ID	Sample Type	PWE-100 Rec. Wt. kg	Method Analyte Units	IMS-130 Ag ppm	IMS-130 Al %	IMS-130 As ppm	IMS-130 Au ppm	IMS-130 B ppm	IMS-130 Ba ppm	IMS-130 Be ppm	IMS-130 Bi ppm	IMS-130 Ca %
		0.01	LOR	0.01	0.01	0.1	0.005	10	10	0.05	0.01	0.01
L42100-66000	Soil	0.16		1.70	1.02	1.3	0.006	<10	14	0.24	4.03	0.67
L42100-65950	Soil	0.13		0.56	2.73	1.9	<0.005	<10	24	0.41	1.27	0.27
L42100-65900	Soil	0.10		0.58	2.22	14.1	<0.005	<10	43	0.39	0.24	0.03
L42100-65550	Soil	0.15		0.12	2.14	25.2	<0.005	<10	129	0.44	0.31	0.26
L42100-65500	Soil	0.21		0.12	2.69	15.3	<0.005	<10	150	0.82	0.43	0.43
L42100-65450	Soil	0.12		0.11	0.72	3.0	<0.005	<10	83	0.14	0.35	0.25
L42100-65400	Soil	0.15		0.14	0.24	4.8	<0.005	<10	25	<0.05	0.06	0.03
L42100-65350	Soil	NR		NR	NR	NR	NR	NR	NR	NR	NR	NR
L42100-65300	Soil	0.12		0.15	5.74	16.8	<0.005	<10	25	0.35	0.22	0.04
L42100-65250	Soil	0.14		0.07	1.23	4.1	<0.005	<10	31	0.17	1.42	0.03
L42100-65200	Soil	0.07		0.26	3.46	3.7	<0.005	<10	131	0.94	0.49	0.99
L42100-65150	Soil	0.13		0.03	0.37	0.7	<0.005	<10	37	0.05	0.12	0.02
L42100-65100	Soil	0.14		0.16	1.32	1.6	<0.005	<10	56	0.23	0.43	0.04
L42100-65050	Soil	0.15		0.05	0.74	0.5	<0.005	<10	81	0.19	0.93	0.02
L42800-64750	Soil	0.17		0.73	2.15	23.7	0.073	<10	35	0.17	0.19	0.06
L42800-64700	Soil	0.17		0.13	2.33	13.0	<0.005	<10	221	0.52	0.37	0.26
L42800-64650	Soil	0.16		0.08	2.11	15.8	<0.005	<10	175	0.39	0.20	0.20
L42800-64600	Soil	0.14		0.12	2.21	15.2	<0.005	<10	143	0.79	0.21	0.32
L42800-64550	Soil	0.17		0.21	2.68	8.4	<0.005	<10	254	1.47	0.60	0.46
L42800-64500	Soil	0.14		0.30	3.18	4.9	0.005	<10	226	0.57	4.70	0.49
L42800-64450	Soil	0.12		0.09	2.23	5.7	<0.005	<10	214	0.56	0.91	0.17
L42800-64400	Soil	0.15		0.20	1.91	5.5	<0.005	<10	96	0.50	14.40	0.12
L42800-64350	Soil	0.15		0.13	5.24	14.0	<0.005	<10	104	0.90	0.34	0.06
L42800-64300	Soil	0.17		0.16	2.97	6.3	<0.005	<10	70	0.58	3.27	0.05
L42900-65800	Soil	0.16		0.14	5.88	16.2	<0.005	<10	52	0.52	0.19	0.06

Please refer to the cover page for comments regarding this certificate.



An A2 Global Company

MS Analytical
 Unit 1, 20120 102nd Avenue
 Langley, BC V1M 4B4
 Phone: +1-604-888-0875

To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610142A

Project Name: Pitman
 Job Received Date: 09-Nov-2016
 Job Report Date: 07-Dec-2016
 Report Version: Final

Sample ID	Sample Type	PWE-100 Rec. Wt. kg	Method Analyte Units	IMS-130 Ag ppm	IMS-130 Al %	IMS-130 As ppm	IMS-130 Au ppm	IMS-130 B ppm	IMS-130 Ba ppm	IMS-130 Be ppm	IMS-130 Bi ppm	IMS-130 Ca %
		0.01	LOR	0.01	0.01	0.1	0.005	10	10	0.05	0.01	0.01
L42900-65750	Soil	0.13		0.05	4.66	9.0	<0.005	<10	45	0.59	0.31	0.14
L42900-65700	Soil	0.12		0.08	3.53	9.0	<0.005	<10	54	0.54	0.26	0.09
L42900-65650	Soil	0.11		0.07	2.28	1.2	<0.005	<10	164	0.44	0.22	0.31
L42900-65600	Soil	0.14		0.16	3.16	3.6	<0.005	<10	354	1.12	0.67	0.09
L42900-65550	Soil	0.14		0.26	1.38	1.5	<0.005	<10	49	0.19	0.68	0.08
L42900-65500	Soil	0.19		0.32	3.17	9.6	<0.005	<10	122	0.66	0.84	0.12
L42900-65450	Soil	0.14		0.12	2.86	3.8	<0.005	<10	508	1.04	7.41	0.38
L42900-65400	Soil	0.15		0.37	2.04	4.4	<0.005	<10	166	0.49	3.87	0.10
L42900-65350	Soil	0.14		0.07	1.67	3.6	<0.005	<10	122	0.37	8.37	0.11
L42900-65300	Soil	0.11		0.13	1.82	1.1	<0.005	<10	171	0.46	14.04	0.05
L42900-65200	Soil	0.14		0.13	2.34	3.6	<0.005	<10	317	1.07	4.29	0.05
L42900-65150	Soil	0.17		0.20	2.60	7.3	<0.005	<10	86	0.46	5.60	0.04
L42900-65100	Soil	0.20		0.10	1.20	4.0	<0.005	<10	759	1.97	2.53	0.47
L42900-64800	Soil	0.15		0.19	3.37	8.6	<0.005	<10	113	0.64	0.39	0.08
L42900-64750	Soil	0.17		0.35	3.32	7.0	<0.005	<10	61	0.80	1.48	0.05
L42900-64700	Soil	0.15		0.24	3.39	8.5	<0.005	<10	128	1.01	0.71	0.08
L42900-64650	Soil	0.18		0.20	2.11	7.8	<0.005	<10	106	0.46	0.44	0.07
L42900-64600	Soil	0.12		0.10	1.95	9.3	<0.005	<10	129	0.45	0.55	0.10
L42900-64550	Soil	0.12		0.11	1.26	5.2	<0.005	<10	64	0.18	0.58	0.11
L42900-64500	Soil	0.18		0.20	3.58	8.3	<0.005	<10	343	0.93	0.84	0.34

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 Phone: +1-604-888-0875

To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS:	YVR1610142A
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Project Name: Pitman
 Job Received Date: 09-Nov-2016
 Job Report Date: 07-Dec-2016
 Report Version: Final

Sample ID	Sample Type	PWE-100 Rec. Wt. kg	Method Analyte Units	IMS-130 Ag ppm	IMS-130 Al %	IMS-130 As ppm	IMS-130 Au ppm	IMS-130 B ppm	IMS-130 Ba ppm	IMS-130 Be ppm	IMS-130 Bi ppm	IMS-130 Ca %
L42900-64450	Soil	0.13	LOR	0.10	2.58	6.6	<0.005	<10	291	0.81	1.11	0.42
DUP L41900-65150				0.20	2.96	19.7	<0.005	<10	50	0.46	0.24	0.04
DUP L42600-66150				0.11	6.22	13.3	<0.005	<10	62	0.90	0.11	0.23
DUP L42600-64650				0.37	1.97	14.0	<0.005	<10	119	0.52	1.26	0.09
DUP L42800-64750				0.24	2.15	24.3	<0.005	<10	35	0.18	0.19	0.06
DUP L42900-64500				0.21	3.57	8.5	<0.005	<10	344	1.00	0.88	0.34
STD BLANK				<0.01	<0.01	<0.1	<0.005	<10	<10	<0.05	<0.01	<0.01
STD BLANK				<0.01	<0.01	<0.1	<0.005	<10	<10	<0.05	<0.01	<0.01
STD BLANK				<0.01	<0.01	<0.1	<0.005	<10	<10	<0.05	<0.01	<0.01
STD BLANK				<0.01	<0.01	<0.1	<0.005	<10	<10	<0.05	<0.01	<0.01
STD BLANK				<0.01	<0.01	<0.1	<0.005	<10	<10	<0.05	<0.01	<0.01
STD OREAS 24b				0.06	3.15	8.0	<0.005	<10	152	1.72	0.70	0.45
STD GBM908-10				2.88	1.05	53.8	0.437	12	99	0.30	1.27	0.75
STD OREAS 24b				0.07	3.12	8.1	<0.005	<10	148	1.76	0.71	0.46
STD OREAS 904				0.38	1.24	92.5	0.019	<10	66	6.37	3.68	0.04
STD OREAS 24b				0.06	3.13	8.7	<0.005	<10	140	1.76	0.66	0.44

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To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610142A

Project Name: Pitman
 Job Received Date: 09-Nov-2016
 Job Report Date: 07-Dec-2016
 Report Version: Final

Sample ID	IMS-130 Cd ppm	IMS-130 Ce ppm	IMS-130 Co ppm	IMS-130 Cr ppm	IMS-130 Cs ppm	IMS-130 Cu ppm	IMS-130 Fe %	IMS-130 Ga ppm	IMS-130 Ge ppm	IMS-130 Hf ppm	IMS-130 Hg ppm	IMS-130 In ppm
L41900-66500	0.13	17.73	10.4	14	1.58	15.0	2.26	5.72	0.08	<0.02	0.05	0.025
L41900-66450	0.36	8.55	1.3	5	0.23	13.7	0.93	2.08	<0.05	0.03	0.03	0.008
L41900-66400	0.11	10.47	1.3	8	1.00	6.8	1.08	8.35	<0.05	<0.02	0.05	0.016
L41900-66350	0.08	9.63	2.0	11	0.53	10.2	5.11	13.68	0.07	<0.02	0.08	0.030
L41900-66300	0.05	9.74	0.2	2	0.27	2.0	0.09	1.99	<0.05	<0.02	0.01	<0.005
L41900-66250	0.68	8.02	1.6	3	0.15	9.0	6.89	1.46	0.16	0.03	0.17	0.012
L41900-66200	0.07	9.11	1.6	11	0.54	13.4	5.29	15.18	0.07	<0.02	0.04	0.028
L41900-66150	0.03	16.03	0.4	2	0.18	2.0	0.51	9.21	<0.05	<0.02	0.01	0.010
L41900-66100	0.19	9.13	0.4	3	0.47	3.3	0.47	8.41	<0.05	<0.02	0.03	0.008
L41900-66050	0.13	15.82	4.7	16	0.96	38.0	4.30	10.28	0.08	<0.02	0.08	0.039
L41900-66000	0.08	7.99	1.3	10	1.48	31.0	2.17	11.52	0.08	0.05	0.08	0.022
L41900-65950	0.05	11.01	0.6	3	0.43	2.8	0.56	5.58	<0.05	<0.02	0.03	0.007
L41900-65900	0.17	11.50	1.6	3	1.16	9.1	2.25	8.83	0.07	<0.02	0.09	0.033
L41900-65850	0.08	18.76	3.8	7	0.73	11.0	3.41	18.58	0.08	0.05	0.09	0.094
L41900-65800	1.11	8.16	1.6	8	1.14	45.9	1.13	1.72	<0.05	<0.02	0.04	0.011
L41900-65750	0.21	10.06	2.5	11	0.34	15.2	3.32	9.70	0.06	<0.02	0.09	0.027
L41900-65700	0.23	7.19	1.1	4	0.19	17.0	0.66	1.66	0.05	<0.02	0.01	0.006
L41900-65650	0.13	9.68	2.6	16	1.37	19.4	7.00	13.98	0.09	0.04	0.11	0.064
L41900-65600	0.06	16.03	2.5	18	0.69	12.6	3.05	12.97	0.07	<0.02	0.07	0.050
L41900-65550	0.05	11.34	1.1	6	0.75	9.3	1.57	10.08	<0.05	<0.02	0.03	0.020
L41900-65500	0.09	4.99	7.9	50	0.91	2.5	5.86	10.84	0.10	<0.02	0.06	0.015
L41900-65450	0.08	13.22	6.0	26	2.85	15.3	3.80	10.58	0.08	<0.02	0.14	0.049
L41900-65400	0.14	13.74	6.6	32	2.32	23.4	5.80	6.24	0.10	0.10	0.14	0.069
L41900-65350	0.22	13.68	3.7	11	1.23	21.6	3.07	7.27	0.06	<0.02	0.03	0.032
L41900-65300	0.09	13.87	3.2	15	1.79	11.5	1.78	7.61	0.05	<0.02	0.03	0.022

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MS Analytical
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Phone: +1-604-888-0875

To: Terracad Geoscience Services Ltd.
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610142A

Project Name: Pitman
Job Received Date: 09-Nov-2016
Job Report Date: 07-Dec-2016
Report Version: Final

Table with 13 columns: Sample ID, IMS-130 Cd ppm, IMS-130 Ce ppm, IMS-130 Co ppm, IMS-130 Cr ppm, IMS-130 Cs ppm, IMS-130 Cu ppm, IMS-130 Fe %, IMS-130 Ga ppm, IMS-130 Ge ppm, IMS-130 Hf ppm, IMS-130 Hg ppm, IMS-130 In ppm. Rows include sample IDs from L41900-65250 to L42500-64850.

***Please refer to the cover page for comments regarding this certificate. ***



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 Unit 1, 20120 102nd Avenue
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To: **Terracad Geoscience Services Ltd.**
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Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610142A

Project Name: Pitman
 Job Received Date: 09-Nov-2016
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Sample ID	IMS-130 Cd ppm	IMS-130 Ce ppm	IMS-130 Co ppm	IMS-130 Cr ppm	IMS-130 Cs ppm	IMS-130 Cu ppm	IMS-130 Fe %	IMS-130 Ga ppm	IMS-130 Ge ppm	IMS-130 Hf ppm	IMS-130 Hg ppm	IMS-130 In ppm
L42500-64800	0.44	22.84	4.5	17	1.37	22.7	5.35	10.88	0.07	0.02	0.14	0.037
L42500-64750	0.45	9.73	3.0	13	0.87	15.3	3.52	10.92	0.06	<0.02	0.09	0.028
L42500-64700	1.14	2.31	1.1	1	0.22	43.7	0.42	0.74	0.13	0.06	0.18	<0.005
L42500-64675	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
L42500-64650	0.98	29.95	14.4	15	1.39	25.3	3.79	8.79	0.08	0.02	0.03	0.046
L42500-64600	0.63	24.63	18.8	10	1.75	85.4	5.37	13.76	0.08	<0.02	0.06	0.211
L42500-64550	1.37	13.45	4.9	19	1.13	18.4	4.41	10.33	0.08	0.10	0.06	0.048
L42500-64500	0.61	13.86	8.3	20	1.85	44.0	4.59	12.21	0.10	0.12	0.05	0.052
L42600-66450	0.07	11.84	1.9	5	0.60	4.6	0.93	7.57	<0.05	<0.02	0.03	0.019
L42600-66400	2.11	61.73	12.1	22	0.50	31.4	1.46	2.82	0.13	0.09	0.35	0.033
L42600-66350	0.02	7.21	0.8	4	0.39	1.8	0.27	2.47	<0.05	0.04	0.01	0.005
L42600-66300	0.09	22.99	2.4	16	1.95	9.6	5.21	21.78	0.10	0.05	0.08	0.060
L42600-66250	0.07	8.91	2.5	6	1.47	4.5	5.08	18.18	0.08	0.03	0.05	0.031
L42600-66200	0.24	14.55	5.6	19	1.99	16.7	6.87	14.94	0.12	0.14	0.14	0.072
L42600-66150	0.15	9.29	5.7	55	2.59	7.3	4.31	14.20	0.10	0.16	0.18	0.035
L42600-66100	0.25	12.09	11.0	86	3.51	15.1	6.01	14.28	0.12	0.26	0.22	0.055
L42600-66050	0.13	9.02	2.7	23	1.42	8.1	3.75	8.52	0.07	0.19	0.18	0.041
L42600-65000	0.05	9.53	1.1	2	0.25	2.0	1.09	5.90	<0.05	<0.02	0.03	0.006
L42600-64950	0.13	15.98	4.6	17	1.46	12.4	3.64	7.99	0.06	0.04	0.09	0.033
L42600-64900	0.31	21.63	4.7	20	0.76	30.2	3.91	8.34	0.06	0.03	0.06	0.029
L42600-64850	0.86	8.95	10.0	67	1.38	29.8	7.78	16.89	0.11	0.04	0.14	0.071
L42600-64800	0.30	30.67	7.0	20	1.57	46.6	3.80	6.32	0.09	0.05	0.15	0.046
L42600-64750	0.25	12.38	2.5	10	0.73	8.2	2.64	8.83	0.06	<0.02	0.04	0.019
L42600-64700	0.30	16.04	3.1	14	0.96	20.6	3.45	9.24	0.06	<0.02	0.10	0.026
L42600-64650	0.72	23.53	6.4	16	1.66	41.8	6.72	14.11	0.10	<0.02	0.13	0.065

Please refer to the cover page for comments regarding this certificate.



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To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS:	YVR1610142A
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Project Name: Pitman
 Job Received Date: 09-Nov-2016
 Job Report Date: 07-Dec-2016
 Report Version: Final

Sample ID	IMS-130 Cd ppm	IMS-130 Ce ppm	IMS-130 Co ppm	IMS-130 Cr ppm	IMS-130 Cs ppm	IMS-130 Cu ppm	IMS-130 Fe %	IMS-130 Ga ppm	IMS-130 Ge ppm	IMS-130 Hf ppm	IMS-130 Hg ppm	IMS-130 In ppm
L42600-64600	0.30	12.81	3.4	12	0.94	17.8	2.69	7.22	0.06	<0.02	0.03	0.085
L42600-64550	0.46	12.51	6.9	19	1.66	62.4	4.69	7.45	0.08	0.04	0.08	0.056
L42600-64500	1.62	39.46	12.6	24	2.57	110.7	3.50	8.99	0.13	0.02	0.08	0.053
L42600-64450	0.05	9.71	1.1	7	0.69	5.2	2.12	6.98	<0.05	<0.02	0.01	0.015
L42600-64400	0.10	10.25	7.4	21	2.41	26.7	3.42	6.75	0.06	0.07	0.04	0.042
L42700-64850	0.81	17.65	5.1	8	1.65	44.8	1.81	5.69	0.11	<0.02	0.09	0.032
L42700-64800	0.38	16.36	2.9	11	1.31	23.0	4.20	13.59	0.08	0.06	0.10	0.049
L42700-64750	0.36	38.20	12.3	19	2.12	39.2	4.03	6.91	0.10	<0.02	0.07	0.043
L42700-64700	0.44	18.19	4.4	16	1.13	23.7	4.23	7.90	0.07	<0.02	0.09	0.034
L42700-64650	2.23	97.74	5.9	15	1.14	163.5	2.58	5.34	0.23	<0.02	0.18	0.037
L42700-64600	0.90	15.01	3.7	9	0.98	27.0	2.42	6.60	0.05	<0.02	0.07	0.029
L42700-64550	0.34	27.18	11.9	21	1.66	54.3	3.82	7.02	0.09	<0.02	0.04	0.045
L42700-64500	0.05	10.91	0.8	6	0.32	3.9	1.62	5.45	<0.05	<0.02	0.02	0.008
L42700-64450	0.07	31.19	9.8	5	1.07	4.0	2.02	12.37	0.07	0.02	0.03	0.017
L42700-64400	0.10	12.69	4.0	20	1.25	11.9	4.24	9.12	0.07	0.04	0.06	0.040
L42700-64350	0.16	19.24	8.7	21	2.15	18.0	4.05	9.02	0.08	0.05	0.07	0.054
L42800-64850	0.33	16.19	5.0	19	0.74	14.4	3.75	9.94	0.08	0.02	0.04	0.030
L42800-64800	0.34	15.86	7.6	20	1.24	24.4	3.11	5.50	0.09	<0.02	0.12	0.033
L42000-65800	0.21	21.79	10.4	17	1.14	33.4	3.56	5.93	0.09	<0.02	0.05	0.041
L42000-65750	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
L42000-65700	0.05	8.56	1.1	3	1.64	3.4	1.70	6.98	<0.05	<0.02	0.02	0.009
L42000-65650	0.09	8.34	0.9	3	0.88	4.7	1.48	9.47	0.06	<0.02	0.06	0.011
L42000-65600	0.12	9.99	2.5	15	0.66	18.5	6.32	16.31	0.09	<0.02	0.08	0.039
L42000-65550	0.14	9.03	2.2	15	0.76	10.0	7.29	22.88	0.09	0.03	0.09	0.035
L42000-65500	0.04	7.32	1.0	3	0.59	1.8	1.62	3.54	<0.05	<0.02	<0.01	0.006

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To: **Terracad Geoscience Services Ltd.**
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Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS:	YVR1610142A
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Project Name: Pitman
 Job Received Date: 09-Nov-2016
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 Report Version: Final

Sample ID	IMS-130 Cd ppm	IMS-130 Ce ppm	IMS-130 Co ppm	IMS-130 Cr ppm	IMS-130 Cs ppm	IMS-130 Cu ppm	IMS-130 Fe %	IMS-130 Ga ppm	IMS-130 Ge ppm	IMS-130 Hf ppm	IMS-130 Hg ppm	IMS-130 In ppm
L42000-65450	0.20	16.65	8.9	16	5.78	13.6	4.09	13.11	0.12	0.09	0.16	0.044
L42000-65400	0.22	13.86	10.9	11	3.76	26.5	3.21	14.80	0.10	<0.02	0.08	0.037
L42000-65350	0.09	10.22	2.2	6	0.56	6.0	1.28	7.47	<0.05	<0.02	0.02	0.010
L42000-65300	0.11	12.71	2.4	15	2.29	20.4	2.34	8.81	0.07	0.02	0.08	0.029
L42000-65250	0.15	12.21	3.0	15	1.14	13.5	3.72	8.26	0.07	<0.02	0.19	0.036
L42000-65200	0.07	8.96	2.5	11	1.15	6.2	4.35	14.82	0.08	<0.02	0.15	0.035
L42000-65150	0.07	10.91	5.3	15	2.17	10.7	2.41	9.87	0.08	<0.02	0.08	0.028
L42000-65100	0.12	19.51	8.5	27	2.07	26.0	5.36	9.51	0.13	0.29	0.15	0.058
L42000-65050	0.11	10.09	1.8	8	1.15	4.2	4.37	19.71	0.10	0.08	0.03	0.027
L42000-65000	0.80	11.04	4.4	23	1.64	16.9	7.39	15.02	0.12	0.06	0.06	0.069
L42000-64950	0.09	11.70	0.7	4	0.68	1.9	1.03	5.21	0.07	0.03	0.01	0.010
L42100-66700	0.10	10.79	1.3	4	0.52	9.9	1.01	5.29	0.06	0.04	0.02	0.008
L42100-66650	0.11	9.22	1.9	11	0.25	11.1	4.94	12.26	0.10	0.03	0.03	0.035
L42100-66600	0.21	8.93	2.6	13	0.28	11.1	5.98	18.17	0.10	0.04	0.10	0.028
L42100-66550	0.12	9.31	4.5	31	0.70	21.9	10.13	11.78	0.14	0.09	0.13	0.092
L42100-66500	0.16	7.27	2.4	18	0.83	17.9	7.77	16.47	0.11	0.02	0.05	0.060
L42100-66450	0.12	15.43	1.0	5	0.69	8.0	1.23	10.63	0.08	<0.02	0.04	0.014
L42100-66400	0.25	6.88	3.9	25	0.62	21.7	8.99	9.77	0.15	0.06	0.24	0.080
L42100-66350	0.07	9.93	4.9	30	2.72	21.1	6.00	9.53	0.12	0.37	0.18	0.079
L42100-66300	0.12	8.66	1.5	9	1.03	10.3	3.90	12.26	0.08	0.02	0.04	0.023
L42100-66250	0.56	13.96	3.1	10	2.60	33.5	3.47	7.88	0.10	0.02	0.09	0.037
L42100-66200	0.26	34.86	9.8	19	2.14	31.3	6.69	10.85	0.16	<0.02	0.14	0.069
L42100-66150	1.31	39.58	16.0	10	2.65	45.7	4.41	6.75	0.20	0.02	0.07	0.061
L42100-66100	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
L42100-66050	0.19	10.15	1.5	5	0.89	5.5	3.22	17.75	0.15	0.04	0.23	0.030

Please refer to the cover page for comments regarding this certificate.



An A2 Global Company

MS Analytical
 Unit 1, 20120 102nd Avenue
 Langley, BC V1M 4B4
 Phone: +1-604-888-0875

To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS:	YVR1610142A
---------------------------------	--------------------

Project Name: Pitman
 Job Received Date: 09-Nov-2016
 Job Report Date: 07-Dec-2016
 Report Version: Final

Sample ID	IMS-130 Cd ppm	IMS-130 Ce ppm	IMS-130 Co ppm	IMS-130 Cr ppm	IMS-130 Cs ppm	IMS-130 Cu ppm	IMS-130 Fe %	IMS-130 Ga ppm	IMS-130 Ge ppm	IMS-130 Hf ppm	IMS-130 Hg ppm	IMS-130 In ppm
L42100-66000	0.22	4.04	5.9	22	2.44	340.9	0.99	4.94	0.15	0.02	0.13	0.040
L42100-65950	0.06	3.62	11.0	38	0.80	11.9	7.07	17.90	0.15	0.07	0.18	0.047
L42100-65900	0.45	12.65	3.9	12	0.57	13.7	5.48	16.92	0.12	<0.02	0.11	0.042
L42100-65550	0.19	22.68	12.8	21	1.79	26.9	4.17	7.59	0.12	<0.02	0.06	0.044
L42100-65500	0.22	27.17	18.8	41	4.60	37.1	4.05	9.24	0.15	<0.02	0.06	0.045
L42100-65450	0.14	12.30	4.9	85	1.30	6.9	3.41	7.06	0.08	0.03	0.02	0.013
L42100-65400	0.14	8.19	1.2	5	0.38	16.7	0.97	2.80	0.05	<0.02	0.02	0.007
L42100-65350	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
L42100-65300	0.14	19.95	4.2	23	1.78	15.6	6.36	8.00	0.16	0.28	0.20	0.079
L42100-65250	0.19	9.70	3.6	5	1.68	5.3	3.60	11.70	0.09	<0.02	0.07	0.021
L42100-65200	0.52	15.16	1.5	8	2.34	17.9	0.45	15.02	0.07	0.05	0.20	0.031
L42100-65150	0.03	7.08	0.3	<1	0.82	0.9	0.75	4.05	<0.05	<0.02	0.03	0.007
L42100-65100	0.08	10.89	1.6	3	0.87	4.3	1.98	9.18	0.09	<0.02	0.09	0.030
L42100-65050	0.27	10.77	1.0	2	0.25	12.1	0.74	5.78	<0.05	<0.02	0.03	0.011
L42800-64750	0.15	14.06	5.8	24	0.85	22.9	6.09	6.99	0.11	0.10	0.13	0.045
L42800-64700	0.32	22.23	14.4	27	8.43	26.1	4.20	8.63	0.17	<0.02	0.07	0.037
L42800-64650	0.29	16.22	6.9	19	1.12	19.6	4.52	9.44	0.11	<0.02	0.04	0.043
L42800-64600	0.29	28.96	13.0	23	1.87	41.4	4.22	7.58	0.15	0.02	0.06	0.044
L42800-64550	0.30	56.26	12.0	21	2.48	26.0	4.08	9.22	0.19	0.04	0.05	0.059
L42800-64500	0.25	20.73	26.1	59	4.31	537.3	5.62	10.80	0.21	0.05	0.06	0.086
L42800-64450	0.17	22.07	4.9	18	1.29	7.9	4.01	9.47	0.15	<0.02	0.06	0.046
L42800-64400	0.38	20.44	5.6	15	1.17	14.1	4.00	8.88	0.13	<0.02	0.03	0.115
L42800-64350	0.14	28.38	9.4	32	1.70	21.6	4.13	6.44	0.16	0.15	0.07	0.092
L42800-64300	0.09	20.40	5.7	18	1.66	9.0	4.26	10.95	0.14	0.04	0.08	0.065
L42900-65800	0.10	8.95	4.7	26	3.52	13.6	5.26	7.78	0.13	0.18	0.29	0.070

Please refer to the cover page for comments regarding this certificate.



An A2 Global Company

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 Phone: +1-604-888-0875

To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610142A

Project Name: Pitman
 Job Received Date: 09-Nov-2016
 Job Report Date: 07-Dec-2016
 Report Version: Final

Sample ID	IMS-130 Cd ppm	IMS-130 Ce ppm	IMS-130 Co ppm	IMS-130 Cr ppm	IMS-130 Cs ppm	IMS-130 Cu ppm	IMS-130 Fe %	IMS-130 Ga ppm	IMS-130 Ge ppm	IMS-130 Hf ppm	IMS-130 Hg ppm	IMS-130 In ppm
L42900-65750	0.08	7.09	6.6	12	3.68	24.4	4.81	14.60	0.15	0.07	0.09	0.036
L42900-65700	0.07	9.62	4.8	18	4.60	16.8	4.18	10.50	0.13	0.04	0.09	0.041
L42900-65650	0.08	19.22	4.2	8	2.62	3.9	2.81	9.30	0.14	<0.02	0.02	0.024
L42900-65600	0.11	27.87	5.1	10	3.58	23.6	3.86	10.33	0.15	0.04	0.03	0.062
L42900-65550	0.08	13.83	1.4	2	1.15	8.6	2.63	8.28	0.12	<0.02	0.04	0.051
L42900-65500	0.47	15.00	13.1	20	5.18	13.6	6.55	12.88	0.19	0.04	0.07	0.082
L42900-65450	0.28	44.73	23.6	25	5.32	79.3	6.48	12.17	0.27	<0.02	0.05	0.086
L42900-65400	0.18	20.50	8.3	15	2.30	27.3	3.51	9.48	0.16	<0.02	0.08	0.046
L42900-65350	0.12	32.38	4.9	11	1.46	15.7	3.06	7.28	0.14	<0.02	0.05	0.029
L42900-65300	0.12	26.33	3.0	2	1.11	14.7	2.34	7.20	0.13	<0.02	0.07	0.024
L42900-65200	0.12	69.29	5.5	7	2.16	12.3	2.63	6.31	0.18	0.03	0.06	0.029
L42900-65150	0.15	16.29	3.5	11	1.48	8.6	4.89	19.21	0.16	0.03	0.11	0.052
L42900-65100	0.16	51.00	8.5	5	3.34	14.8	2.73	3.03	0.20	0.03	0.06	0.026
L42900-64800	0.11	19.64	11.9	24	1.93	14.0	4.74	9.34	0.17	0.02	0.10	0.064
L42900-64750	0.18	16.16	8.8	12	1.00	38.5	5.93	9.41	0.16	0.05	0.17	0.106
L42900-64700	0.19	37.23	10.8	19	2.41	53.4	4.22	9.21	0.15	0.02	0.09	0.086
L42900-64650	0.30	11.62	5.2	26	2.55	8.3	5.26	12.76	0.15	<0.02	0.05	0.047
L42900-64600	0.22	12.33	3.0	19	1.78	10.3	4.44	10.88	0.13	0.02	0.04	0.047
L42900-64550	0.20	11.01	1.7	8	0.71	6.0	3.26	11.35	0.14	<0.02	0.02	0.029
L42900-64500	0.17	29.01	15.1	21	3.60	40.9	3.94	11.29	0.18	0.02	0.05	0.048

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To: **Terracad Geoscience Services Ltd.**
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Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610142A

Project Name: Pitman
 Job Received Date: 09-Nov-2016
 Job Report Date: 07-Dec-2016
 Report Version: Final

	IMS-130 Cd ppm	IMS-130 Ce ppm	IMS-130 Co ppm	IMS-130 Cr ppm	IMS-130 Cs ppm	IMS-130 Cu ppm	IMS-130 Fe %	IMS-130 Ga ppm	IMS-130 Ge ppm	IMS-130 Hf ppm	IMS-130 Hg ppm	IMS-130 In ppm
Sample ID	0.01	0.02	0.1	1	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005
L42900-64450	0.13	22.80	13.0	21	1.70	21.1	4.16	8.50	0.17	<0.02	0.04	0.047
DUP L41900-65150	0.13	13.02	5.5	26	2.24	15.1	6.75	11.72	0.10	0.07	0.18	0.071
DUP L42600-66150	0.15	9.38	5.7	54	2.58	7.4	4.32	14.24	0.11	0.16	0.20	0.035
DUP L42600-64650	0.69	22.52	6.2	17	1.62	41.4	6.70	13.42	0.10	<0.02	0.12	0.066
DUP L42800-64750	0.16	14.79	6.0	24	0.92	22.9	6.05	7.31	0.13	0.09	0.12	0.045
DUP L42900-64500	0.17	30.17	15.5	21	3.54	40.7	3.93	11.56	0.19	0.03	0.06	0.051
STD BLANK	<0.01	<0.02	<0.1	<1	<0.05	<0.2	<0.01	<0.05	<0.05	<0.02	<0.01	<0.005
STD BLANK	<0.01	<0.02	<0.1	<1	<0.05	<0.2	<0.01	<0.05	<0.05	<0.02	<0.01	<0.005
STD BLANK	<0.01	<0.02	<0.1	<1	<0.05	<0.2	<0.01	<0.05	<0.05	<0.02	<0.01	<0.005
STD BLANK	<0.01	<0.02	<0.1	<1	<0.05	<0.2	<0.01	<0.05	<0.05	<0.02	<0.01	<0.005
STD BLANK	<0.01	<0.02	<0.1	<1	<0.05	<0.2	<0.01	<0.05	<0.05	<0.02	<0.01	<0.005
STD OREAS 24b	0.05	65.71	16.2	103	9.40	38.6	4.01	10.88	0.23	0.59	<0.01	0.048
STD GBM908-10	1.88	75.73	13.3	24	0.76	3644.4	2.76	4.26	0.25	0.47	0.01	0.026
STD OREAS 24b	0.05	65.16	16.3	103	9.28	36.4	4.00	11.26	0.22	0.60	<0.01	0.045
STD OREAS 904	0.06	71.48	88.4	18	0.68	6002.3	6.18	3.63	0.24	0.61	0.04	0.179
STD OREAS 24b	0.06	64.17	16.2	104	9.26	36.2	3.97	10.90	0.38	0.56	<0.01	0.050

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To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610142A

Project Name: Pitman
 Job Received Date: 09-Nov-2016
 Job Report Date: 07-Dec-2016
 Report Version: Final

Sample ID	IMS-130 K %	IMS-130 La ppm	IMS-130 Li ppm	IMS-130 Mg %	IMS-130 Mn ppm	IMS-130 Mo ppm	IMS-130 Na %	IMS-130 Nb ppm	IMS-130 Ni ppm	IMS-130 P ppm	IMS-130 Pb ppm	IMS-130 Rb ppm
L41900-66500	0.04	7.5	13.7	0.56	273	1.21	0.01	0.95	16.3	652	5.8	4.6
L41900-66450	0.02	4.1	0.3	0.02	47	1.73	0.01	2.95	3.4	186	3.0	1.2
L41900-66400	0.03	4.9	3.2	0.10	43	1.32	0.01	2.87	4.4	233	11.2	3.8
L41900-66350	0.02	4.6	1.2	0.04	138	3.27	0.01	9.89	2.8	310	4.8	2.5
L41900-66300	0.02	4.7	0.2	0.01	15	0.32	<0.01	2.03	0.5	98	1.8	1.2
L41900-66250	0.03	3.9	0.4	0.02	52	176.87	0.02	1.05	4.2	1303	6.6	1.3
L41900-66200	0.03	4.3	0.6	0.03	116	12.40	0.01	13.06	2.5	322	5.1	2.5
L41900-66150	0.02	7.4	0.4	0.03	34	3.71	0.01	0.82	0.7	83	2.4	1.3
L41900-66100	0.03	4.2	0.4	0.03	16	5.87	0.01	1.99	0.9	177	8.7	2.3
L41900-66050	0.03	7.6	6.1	0.22	273	5.32	0.01	8.17	7.8	380	10.5	4.2
L41900-66000	0.02	4.2	5.2	0.08	70	1.95	0.01	7.00	2.6	271	12.4	2.7
L41900-65950	0.03	5.4	0.8	0.04	84	2.65	0.01	3.13	0.8	195	7.0	2.3
L41900-65900	0.06	5.1	1.8	0.20	197	4.65	0.01	1.02	1.3	418	3.1	7.1
L41900-65850	0.06	10.3	1.1	0.14	150	11.02	0.01	2.71	2.7	181	6.9	7.2
L41900-65800	0.03	5.2	0.3	0.02	46	15.04	0.01	4.31	4.8	380	5.0	8.1
L41900-65750	0.03	4.6	3.0	0.13	107	7.95	0.01	2.93	5.3	364	6.4	2.3
L41900-65700	0.01	3.4	0.1	0.01	119	1.26	0.01	0.89	1.6	105	3.6	1.3
L41900-65650	0.03	4.6	5.8	0.24	600	11.79	0.01	8.31	2.9	613	9.8	5.6
L41900-65600	0.02	8.1	10.7	0.18	128	3.63	0.01	22.17	6.5	319	9.3	3.9
L41900-65550	0.03	5.4	0.6	0.06	165	3.12	0.01	3.16	1.4	154	3.0	2.8
L41900-65500	0.07	2.3	2.6	0.45	238	1.10	0.03	4.33	10.9	466	6.8	5.9
L41900-65450	0.04	6.3	13.2	0.42	313	2.50	0.01	9.82	14.1	459	9.0	8.4
L41900-65400	0.03	4.9	16.3	0.38	237	2.83	0.01	3.67	15.6	528	9.0	7.8
L41900-65350	0.05	6.1	2.9	0.15	335	33.98	0.01	1.85	6.5	371	8.7	10.0
L41900-65300	0.05	6.6	5.5	0.24	293	21.10	0.01	2.58	8.8	327	9.7	9.1

Please refer to the cover page for comments regarding this certificate.



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To: **Terracad Geoscience Services Ltd.**
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V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610142A

Project Name: Pitman
 Job Received Date: 09-Nov-2016
 Job Report Date: 07-Dec-2016
 Report Version: Final

Sample ID	IMS-130 K %	IMS-130 La ppm	IMS-130 Li ppm	IMS-130 Mg %	IMS-130 Mn ppm	IMS-130 Mo ppm	IMS-130 Na %	IMS-130 Nb ppm	IMS-130 Ni ppm	IMS-130 P ppm	IMS-130 Pb ppm	IMS-130 Rb ppm
L41900-65250	0.03	3.4	8.4	0.20	166	3.09	0.01	4.56	8.8	962	9.6	4.9
L41900-65200	0.03	3.9	3.9	0.15	201	2.40	0.01	8.48	6.0	2042	8.7	5.9
L41900-65150	0.05	6.7	14.7	0.34	277	4.82	0.01	12.80	11.8	780	9.7	8.9
L41900-65100	0.05	6.5	18.9	0.11	167	3.31	0.01	4.12	1.6	459	7.1	12.3
L41900-65050	0.02	6.6	0.8	0.04	90	19.57	0.01	2.06	1.9	278	6.7	3.6
L41900-65000	0.04	4.0	13.6	0.17	333	5.01	0.01	5.43	7.1	1250	12.4	11.0
L41900-64975	0.06	13.2	21.2	0.26	180	7.25	0.01	7.71	13.1	1039	10.8	18.5
L42000-66500	0.02	4.3	0.3	0.01	39	1.80	<0.01	0.77	1.7	122	1.3	1.5
L42000-66450	0.03	5.6	1.7	0.09	75	2.10	0.01	13.40	4.1	261	12.1	4.0
L42000-66400	0.02	4.8	0.3	0.02	32	0.36	0.01	2.84	0.5	135	2.8	1.9
L42000-66350	0.02	6.0	0.7	0.03	61	1.58	0.01	4.72	3.2	209	7.1	2.3
L42000-66300	0.02	5.4	1.0	0.04	70	2.45	0.01	2.12	3.0	288	5.7	2.6
L42000-66250	0.05	30.1	11.6	0.07	347	2.93	0.01	0.94	3.0	752	12.0	14.2
L42000-66200	0.02	4.2	0.6	0.03	68	3.54	0.01	4.23	2.4	263	3.4	1.3
L42000-66150	0.02	4.6	8.6	0.15	341	2.00	0.01	4.97	6.5	402	13.9	3.0
L42000-66100	<0.01	4.9	0.2	<0.01	23	0.23	0.01	0.64	0.5	37	0.8	0.6
L42000-66050	0.04	6.4	2.3	0.10	195	1.33	0.01	6.33	4.4	203	7.5	3.4
L42000-66000	0.04	4.1	0.8	0.03	32	29.67	0.01	1.80	3.9	432	5.2	5.1
L42000-65950	0.03	9.1	16.0	0.26	449	13.22	0.01	2.58	9.6	637	10.7	8.3
L42000-65900	0.03	7.3	16.1	0.35	188	8.01	0.01	4.95	12.7	433	8.0	4.5
L42000-65850	0.03	6.7	14.9	0.50	420	2.00	0.01	1.98	18.7	390	9.4	4.0
L42500-65000	0.02	9.2	18.2	0.11	157	91.00	0.01	4.32	5.5	658	9.8	2.9
L42500-64950	0.02	5.8	0.4	0.01	47	45.34	0.01	4.01	1.5	145	2.0	1.8
L42500-64900	0.05	22.3	20.1	0.45	338	85.35	0.02	1.93	17.8	686	7.0	12.2
L42500-64850	0.03	6.6	16.7	0.51	416	19.63	0.01	2.61	17.8	651	11.9	6.2

Please refer to the cover page for comments regarding this certificate.



An A2 Global Company

MS Analytical
 Unit 1, 20120 102nd Avenue
 Langley, BC V1M 4B4
 Phone: +1-604-888-0875

To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS:	YVR1610142A
---------------------------------	--------------------

Project Name: Pitman
 Job Received Date: 09-Nov-2016
 Job Report Date: 07-Dec-2016
 Report Version: Final

Sample ID	IMS-130 K %	IMS-130 La ppm	IMS-130 Li ppm	IMS-130 Mg %	IMS-130 Mn ppm	IMS-130 Mo ppm	IMS-130 Na %	IMS-130 Nb ppm	IMS-130 Ni ppm	IMS-130 P ppm	IMS-130 Pb ppm	IMS-130 Rb ppm
L42500-64800	0.04	5.1	7.7	0.16	307	228.66	0.01	9.42	7.3	1339	14.5	9.0
L42500-64750	0.02	4.6	5.9	0.13	104	54.94	0.01	4.16	5.0	381	6.7	5.3
L42500-64700	0.01	1.5	0.2	0.07	218	265.10	0.02	0.43	6.0	556	1.5	0.8
L42500-64675	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
L42500-64650	0.04	15.3	12.6	0.36	310	53.35	0.01	3.31	10.4	598	8.5	10.5
L42500-64600	0.07	6.6	25.8	0.34	725	149.26	0.01	2.98	6.4	1298	8.9	18.7
L42500-64550	0.02	8.6	16.3	0.16	167	38.62	0.01	7.70	9.4	564	9.3	10.7
L42500-64500	0.04	17.4	20.5	0.32	209	184.31	0.01	5.73	14.1	403	7.6	14.4
L42600-66450	0.03	6.1	1.2	0.07	62	4.47	0.01	1.93	2.2	220	4.2	3.9
L42600-66400	0.01	18.5	4.6	0.02	9674	12.46	0.02	1.40	24.9	2030	3.7	0.8
L42600-66350	0.01	3.7	0.2	0.01	25	0.97	0.01	1.87	1.5	116	3.9	1.1
L42600-66300	0.05	12.5	11.1	0.42	246	2.61	0.01	6.95	3.3	658	17.5	5.0
L42600-66250	0.03	4.0	5.5	0.16	366	1.59	0.01	5.32	2.4	379	6.6	3.8
L42600-66200	0.03	5.7	20.1	0.25	187	3.44	0.01	14.03	11.8	837	11.7	7.5
L42600-66150	0.03	4.7	15.0	0.25	199	2.35	0.01	5.95	12.7	1317	5.0	4.0
L42600-66100	0.03	5.3	19.2	0.59	308	1.55	0.02	8.69	22.0	2331	6.6	5.3
L42600-66050	0.02	4.3	19.6	0.12	85	1.91	0.01	8.16	5.0	790	7.8	3.3
L42600-65000	0.01	4.8	0.4	0.02	23	1.75	0.02	1.03	1.1	151	2.8	1.9
L42600-64950	0.03	7.0	11.0	0.24	218	44.20	0.01	4.95	9.1	389	7.5	8.4
L42600-64900	0.02	6.1	5.6	0.23	187	61.28	0.01	3.17	7.8	736	6.9	4.1
L42600-64850	0.04	4.1	5.7	0.45	288	136.94	0.01	7.84	16.6	624	7.4	6.8
L42600-64800	0.04	4.3	13.8	0.45	290	55.03	0.01	1.89	14.8	430	8.9	10.8
L42600-64750	0.03	5.6	2.6	0.07	240	194.37	0.01	4.00	2.9	326	10.7	7.2
L42600-64700	0.03	4.3	6.0	0.22	171	134.55	0.01	3.47	8.0	338	10.4	5.8
L42600-64650	0.04	11.6	8.0	0.22	494	105.34	0.01	3.88	8.1	1060	9.4	11.9

Please refer to the cover page for comments regarding this certificate.



An A2 Global Company

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 Phone: +1-604-888-0875

To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS:	YVR1610142A
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Project Name: Pitman
 Job Received Date: 09-Nov-2016
 Job Report Date: 07-Dec-2016
 Report Version: Final

Sample ID	IMS-130 K %	IMS-130 La ppm	IMS-130 Li ppm	IMS-130 Mg %	IMS-130 Mn ppm	IMS-130 Mo ppm	IMS-130 Na %	IMS-130 Nb ppm	IMS-130 Ni ppm	IMS-130 P ppm	IMS-130 Pb ppm	IMS-130 Rb ppm
L42600-64600	0.03	6.5	7.7	0.17	417	74.40	0.02	1.78	5.7	733	7.2	9.2
L42600-64550	0.03	5.4	16.2	0.36	234	29.49	0.01	2.07	13.9	716	8.8	11.3
L42600-64500	0.05	37.3	11.2	0.43	8349	321.66	0.02	2.44	22.1	640	10.2	23.5
L42600-64450	0.02	4.6	1.7	0.08	60	15.95	0.01	1.40	2.3	303	4.2	8.7
L42600-64400	0.04	4.4	12.2	0.42	222	20.17	0.02	1.28	13.8	444	5.8	15.2
L42700-64850	0.05	25.0	3.9	0.06	452	134.74	0.02	1.49	4.1	676	9.9	31.3
L42700-64800	0.04	5.0	12.3	0.12	132	202.96	0.01	3.58	4.9	286	12.8	17.4
L42700-64750	0.05	19.4	15.2	0.58	758	108.11	0.02	1.01	18.3	571	9.3	19.3
L42700-64700	0.04	6.3	6.3	0.27	231	183.21	0.01	2.69	9.3	360	8.9	9.4
L42700-64650	0.04	76.1	5.2	0.09	227	219.19	0.02	1.88	10.4	2159	10.3	6.8
L42700-64600	0.04	6.7	3.7	0.09	248	73.57	0.02	1.09	5.5	555	7.7	16.2
L42700-64550	0.05	9.9	16.6	0.60	700	76.95	0.02	1.01	23.7	432	9.3	9.8
L42700-64500	0.02	4.9	0.6	0.02	67	5.49	0.01	1.76	1.4	606	4.0	2.4
L42700-64450	0.04	13.6	19.1	0.41	272	6.80	0.02	0.31	3.4	401	4.4	15.1
L42700-64400	0.03	5.6	12.0	0.16	111	5.27	0.01	2.87	9.6	514	8.6	10.5
L42700-64350	0.05	8.0	17.3	0.38	295	7.73	0.01	1.60	14.9	565	6.6	22.6
L42800-64850	0.05	5.9	10.6	0.38	205	182.22	0.02	2.05	13.6	238	8.5	8.9
L42800-64800	0.04	5.0	13.7	0.47	321	17.10	0.01	0.93	19.1	625	8.4	7.4
L42000-65800	0.05	9.3	13.2	0.52	437	6.98	0.01	1.01	19.7	702	9.4	4.3
L42000-65750	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
L42000-65700	0.08	4.1	0.4	0.02	51	2.78	0.01	0.39	1.5	156	3.7	27.7
L42000-65650	0.03	3.9	0.8	0.04	53	4.83	0.02	1.02	1.5	244	5.2	4.4
L42000-65600	0.02	4.9	1.7	0.07	137	5.40	0.01	5.64	5.3	348	14.4	2.8
L42000-65550	0.03	4.3	2.4	0.06	200	2.49	0.01	10.65	3.5	1516	14.1	3.2
L42000-65500	0.02	3.3	0.2	0.02	107	0.36	0.01	0.63	0.9	80	1.6	1.7

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To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610142A

Project Name: Pitman
 Job Received Date: 09-Nov-2016
 Job Report Date: 07-Dec-2016
 Report Version: Final

Sample ID	IMS-130 K %	IMS-130 La ppm	IMS-130 Li ppm	IMS-130 Mg %	IMS-130 Mn ppm	IMS-130 Mo ppm	IMS-130 Na %	IMS-130 Nb ppm	IMS-130 Ni ppm	IMS-130 P ppm	IMS-130 Pb ppm	IMS-130 Rb ppm
L42000-65450	0.04	4.6	20.2	0.40	255	2.51	0.02	3.26	14.9	578	11.1	13.1
L42000-65400	0.06	5.8	8.8	0.37	455	26.91	0.02	3.33	5.2	418	9.2	9.8
L42000-65350	0.03	4.9	0.8	0.07	95	44.49	0.01	2.02	3.4	103	7.6	2.2
L42000-65300	0.05	5.9	3.7	0.18	91	38.01	0.02	3.53	5.0	699	18.4	9.6
L42000-65250	0.03	5.7	7.3	0.16	312	4.76	0.01	1.57	6.4	746	8.4	4.3
L42000-65200	0.02	4.0	5.4	0.16	395	7.44	0.01	3.59	4.0	836	9.5	3.8
L42000-65150	0.04	5.2	11.0	0.35	271	13.56	0.01	2.14	10.2	501	12.6	9.1
L42000-65100	0.05	5.6	19.5	0.41	311	3.98	0.02	4.60	18.0	801	11.8	10.2
L42000-65050	0.03	4.6	2.5	0.09	134	49.18	0.01	5.97	2.3	318	6.9	5.9
L42000-65000	0.06	5.0	16.7	0.21	214	604.72	0.01	5.41	6.8	917	11.4	12.7
L42000-64950	0.03	5.8	0.8	0.04	59	77.28	0.02	1.51	1.1	117	4.1	6.4
L42100-66700	0.03	5.0	0.4	0.02	57	1.60	0.01	1.78	2.0	148	4.5	2.1
L42100-66650	0.02	4.3	1.4	0.04	122	3.05	0.01	4.76	2.6	259	5.2	1.2
L42100-66600	0.03	4.3	1.4	0.07	176	3.58	0.01	8.38	3.7	412	7.9	1.6
L42100-66550	0.02	4.4	7.8	0.26	369	8.46	0.01	3.76	8.1	554	17.9	2.9
L42100-66500	0.03	3.4	2.3	0.10	120	3.47	0.01	2.13	3.5	417	6.4	3.1
L42100-66450	0.03	6.8	0.7	0.04	51	2.54	0.01	3.77	2.5	179	7.0	2.3
L42100-66400	0.03	3.3	8.9	0.19	381	2.58	0.01	2.97	9.3	958	16.1	3.3
L42100-66350	0.03	4.5	17.9	0.35	189	3.12	0.01	3.10	11.2	562	15.9	6.4
L42100-66300	0.03	4.1	1.0	0.03	72	9.62	0.01	5.31	2.4	232	3.2	3.4
L42100-66250	0.04	6.4	3.6	0.08	347	6.33	0.01	4.37	4.5	496	13.5	6.4
L42100-66200	0.05	9.8	13.2	0.42	913	6.79	0.02	1.01	13.2	1489	12.2	6.9
L42100-66150	0.10	20.4	15.6	0.49	2138	5.85	0.02	0.56	15.0	1076	17.1	9.2
L42100-66100	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
L42100-66050	0.02	5.4	3.7	0.06	81	2.19	0.01	4.13	4.0	531	12.0	1.8

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To: Terracad Geoscience Services Ltd.
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610142A

Project Name: Pitman
Job Received Date: 09-Nov-2016
Job Report Date: 07-Dec-2016
Report Version: Final

Table with 13 columns: Sample ID, IMS-130 K %, IMS-130 La ppm, IMS-130 Li ppm, IMS-130 Mg %, IMS-130 Mn ppm, IMS-130 Mo ppm, IMS-130 Na %, IMS-130 Nb ppm, IMS-130 Ni ppm, IMS-130 P ppm, IMS-130 Pb ppm, IMS-130 Rb ppm. Rows include sample IDs like L42100-66000, L42100-65950, etc.

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Table with 13 columns: Sample ID, K, La, Li, Mg, Mn, Mo, Na, Nb, Ni, P, Pb, Rb. Rows include sample IDs like L42900-65750, L42900-65700, etc., with corresponding concentration values in ppm and %.

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	IMS-130 K %	IMS-130 La ppm	IMS-130 Li ppm	IMS-130 Mg %	IMS-130 Mn ppm	IMS-130 Mo ppm	IMS-130 Na %	IMS-130 Nb ppm	IMS-130 Ni ppm	IMS-130 P ppm	IMS-130 Pb ppm	IMS-130 Rb ppm
Sample ID	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05	0.2	10	0.2	0.1
L42900-64450	0.06	13.0	12.1	0.67	611	35.44	0.04	1.78	12.4	505	7.7	16.5
DUP L41900-65150	0.05	6.3	14.8	0.35	283	4.64	0.01	12.82	11.7	816	9.7	8.5
DUP L42600-66150	0.03	4.7	14.9	0.25	193	1.95	0.01	5.87	12.6	1337	4.9	3.9
DUP L42600-64650	0.04	11.1	7.7	0.22	494	104.06	0.01	3.67	7.8	1056	8.8	11.9
DUP L42800-64750	0.03	4.0	11.3	0.37	231	11.20	0.01	1.53	14.1	1600	10.5	5.1
DUP L42900-64500	0.09	16.1	24.7	0.57	549	53.07	0.02	1.71	20.4	851	8.5	40.7
STD BLANK	<0.01	<0.2	<0.1	<0.01	<5	<0.05	<0.01	<0.05	<0.2	<10	<0.2	<0.1
STD BLANK	<0.01	<0.2	<0.1	<0.01	<5	<0.05	<0.01	<0.05	<0.2	<10	<0.2	<0.1
STD BLANK	<0.01	<0.2	<0.1	<0.01	<5	<0.05	<0.01	<0.05	<0.2	<10	<0.2	<0.1
STD BLANK	<0.01	<0.2	<0.1	<0.01	<5	<0.05	<0.01	<0.05	<0.2	<10	<0.2	<0.1
STD BLANK	<0.01	<0.2	<0.1	<0.01	<5	<0.05	<0.01	<0.05	<0.2	<10	<0.2	<0.1
STD OREAS 24b	1.18	31.8	46.6	1.40	359	3.88	0.11	0.35	57.9	614	8.8	116.0
STD GBM908-10	0.44	38.6	5.9	0.54	290	69.58	0.16	0.37	2104.5	845	1951.0	30.3
STD OREAS 24b	1.16	31.0	47.2	1.38	352	3.95	0.11	0.41	60.5	597	9.0	113.9
STD OREAS 904	0.65	33.8	3.7	0.14	390	2.20	0.01	0.12	38.3	906	8.5	23.5
STD OREAS 24b	1.17	31.8	48.1	1.36	341	3.93	0.11	0.44	60.7	604	8.3	112.7

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CERTIFICATE OF ANALYSIS: YVR1610142A

Project Name: Pitman
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Sample ID	IMS-130 Re ppm	IMS-130 S %	IMS-130 Sb ppm	IMS-130 Sc ppm	IMS-130 Se ppm	IMS-130 Sn ppm	IMS-130 Sr ppm	IMS-130 Ta ppm	IMS-130 Te ppm	IMS-130 Th ppm	IMS-130 Ti %	IMS-130 Tl ppm
L41900-66500	0.002	0.03	0.22	2.5	0.6	0.3	12.0	0.02	0.05	0.2	0.039	0.08
L41900-66450	<0.001	0.03	0.58	0.7	0.5	0.7	6.4	0.05	0.04	0.4	0.057	0.02
L41900-66400	<0.001	0.03	0.40	1.3	0.5	0.6	5.9	0.02	0.05	<0.2	0.036	0.08
L41900-66350	<0.001	0.03	0.94	1.9	0.5	1.0	4.4	0.01	0.10	0.7	0.073	0.06
L41900-66300	<0.001	<0.01	0.34	0.3	0.2	0.5	4.0	0.03	0.03	<0.2	0.027	0.03
L41900-66250	0.010	0.26	0.72	1.8	3.4	0.3	25.5	0.10	0.11	0.8	0.015	0.07
L41900-66200	<0.001	0.02	0.71	1.5	0.4	1.2	3.5	0.02	0.08	0.5	0.082	0.05
L41900-66150	<0.001	<0.01	0.14	1.5	0.2	0.5	5.3	<0.01	0.06	0.7	0.020	0.07
L41900-66100	<0.001	0.02	0.58	0.6	0.4	0.7	5.7	0.02	0.02	<0.2	0.055	0.05
L41900-66050	<0.001	0.03	0.71	3.1	0.7	1.0	5.4	0.01	0.10	0.6	0.109	0.11
L41900-66000	<0.001	0.03	0.24	2.1	0.6	0.9	18.6	0.03	0.11	0.6	0.222	0.04
L41900-65950	<0.001	0.02	0.28	1.1	0.5	0.9	5.2	0.02	0.05	0.2	0.096	0.06
L41900-65900	<0.001	0.04	0.13	2.3	0.6	0.6	7.3	<0.01	0.17	0.2	0.020	0.09
L41900-65850	<0.001	0.04	0.24	3.8	0.5	1.0	5.2	<0.01	0.36	0.8	0.017	0.25
L41900-65800	0.003	0.07	0.39	0.6	1.5	0.7	75.6	0.05	0.23	<0.2	0.043	0.04
L41900-65750	<0.001	0.05	0.85	2.3	0.7	0.6	8.5	0.01	0.17	0.3	0.043	0.06
L41900-65700	<0.001	0.01	0.14	0.9	0.3	0.6	6.3	<0.01	0.19	<0.2	0.069	0.02
L41900-65650	<0.001	0.03	0.41	4.1	0.5	1.0	6.7	0.01	0.39	1.4	0.160	0.08
L41900-65600	<0.001	0.04	0.46	3.2	0.9	1.6	5.0	0.02	0.26	0.5	0.076	0.05
L41900-65550	<0.001	0.01	0.28	2.4	0.3	0.9	6.9	<0.01	0.44	0.4	0.097	0.07
L41900-65500	<0.001	0.04	0.45	2.9	0.6	1.1	17.4	0.01	0.07	0.4	0.199	0.08
L41900-65450	<0.001	0.04	0.50	3.4	1.0	1.1	8.1	0.01	0.12	0.3	0.100	0.10
L41900-65400	<0.001	0.06	0.89	5.4	1.4	0.4	7.5	0.01	0.20	1.5	0.056	0.07
L41900-65350	<0.001	0.02	0.76	1.9	0.5	0.7	16.0	<0.01	0.16	<0.2	0.084	0.09
L41900-65300	<0.001	0.02	0.29	1.2	0.4	0.8	17.4	<0.01	0.10	<0.2	0.035	0.11

Please refer to the cover page for comments regarding this certificate.



An A2 Global Company

MS Analytical
 Unit 1, 20120 102nd Avenue
 Langley, BC V1M 4B4
 Phone: +1-604-888-0875

To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS:	YVR1610142A
---------------------------------	--------------------

Project Name: Pitman
 Job Received Date: 09-Nov-2016
 Job Report Date: 07-Dec-2016
 Report Version: Final

Sample ID	IMS-130 Re ppm	IMS-130 S %	IMS-130 Sb ppm	IMS-130 Sc ppm	IMS-130 Se ppm	IMS-130 Sn ppm	IMS-130 Sr ppm	IMS-130 Ta ppm	IMS-130 Te ppm	IMS-130 Th ppm	IMS-130 Ti %	IMS-130 Tl ppm
L41900-65250	<0.001	0.06	1.04	2.4	1.1	0.6	5.3	0.01	0.14	0.6	0.068	0.06
L41900-65200	<0.001	0.05	0.70	2.2	0.7	1.4	7.8	<0.01	0.14	0.7	0.144	0.08
L41900-65150	<0.001	0.05	0.63	4.0	0.7	1.1	6.5	0.02	0.14	1.5	0.090	0.07
L41900-65100	<0.001	0.03	0.15	1.6	0.5	0.6	4.8	<0.01	0.10	1.1	0.027	0.12
L41900-65050	<0.001	<0.01	0.25	1.2	<0.2	0.7	6.8	<0.01	0.06	<0.2	0.033	0.07
L41900-65000	<0.001	0.05	0.23	2.6	0.8	0.5	4.0	<0.01	0.12	3.2	0.049	0.08
L41900-64975	<0.001	0.05	0.62	3.2	0.9	0.8	7.5	<0.01	0.16	2.0	0.028	0.15
L42000-66500	<0.001	<0.01	0.56	0.8	0.3	0.4	3.5	<0.01	0.10	0.4	0.019	0.04
L42000-66450	<0.001	0.02	0.45	1.1	0.5	2.0	5.4	0.02	0.11	<0.2	0.116	0.06
L42000-66400	<0.001	<0.01	0.21	0.5	<0.2	0.8	3.5	<0.01	0.04	<0.2	0.041	0.04
L42000-66350	<0.001	0.02	0.53	1.1	0.7	1.1	4.8	0.01	0.02	0.2	0.059	0.05
L42000-66300	<0.001	0.02	0.51	1.0	0.6	0.7	3.7	<0.01	0.08	<0.2	0.054	0.05
L42000-66250	<0.001	0.06	0.11	2.3	1.5	0.3	10.7	<0.01	0.27	2.2	0.006	0.19
L42000-66200	<0.001	0.03	0.59	1.2	0.6	0.6	4.4	<0.01	0.15	0.5	0.045	0.04
L42000-66150	<0.001	0.05	0.74	3.9	1.4	0.5	4.2	0.01	0.13	1.8	0.076	0.05
L42000-66100	<0.001	<0.01	<0.05	0.3	0.3	0.3	3.1	<0.01	0.05	0.4	0.019	0.03
L42000-66050	<0.001	0.02	0.48	1.7	0.5	0.8	4.7	<0.01	0.06	0.6	0.047	0.06
L42000-66000	0.005	0.04	0.29	0.2	1.0	0.6	3.4	<0.01	0.07	<0.2	0.012	0.06
L42000-65950	0.001	0.05	0.42	1.2	1.9	0.5	6.6	<0.01	0.19	<0.2	0.019	0.11
L42000-65900	<0.001	0.03	0.64	2.7	1.2	0.6	12.3	<0.01	0.13	0.2	0.068	0.07
L42000-65850	<0.001	0.02	0.82	4.1	1.1	0.3	6.5	<0.01	0.11	0.5	0.048	0.06
L42500-65000	<0.001	0.05	0.14	1.3	1.9	0.5	10.0	0.01	0.21	0.5	0.026	0.05
L42500-64950	<0.001	<0.01	0.25	0.8	0.3	0.7	6.7	<0.01	0.10	0.5	0.039	0.04
L42500-64900	0.005	0.04	0.42	2.6	1.7	0.6	40.5	<0.01	0.19	0.2	0.059	0.09
L42500-64850	<0.001	0.05	0.70	5.4	1.4	0.3	7.4	<0.01	0.15	2.4	0.084	0.07

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 Unit 1, 20120 102nd Avenue
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 Phone: +1-604-888-0875

To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610142A

Project Name: Pitman
 Job Received Date: 09-Nov-2016
 Job Report Date: 07-Dec-2016
 Report Version: Final

Sample ID	IMS-130 Re ppm	IMS-130 S %	IMS-130 Sb ppm	IMS-130 Sc ppm	IMS-130 Se ppm	IMS-130 Sn ppm	IMS-130 Sr ppm	IMS-130 Ta ppm	IMS-130 Te ppm	IMS-130 Th ppm	IMS-130 Ti %	IMS-130 Tl ppm
L42500-64800	<0.001	0.04	0.39	1.9	1.1	1.0	9.7	<0.01	0.14	0.6	0.103	0.08
L42500-64750	<0.001	0.04	1.51	1.9	1.0	0.7	5.5	<0.01	0.13	0.5	0.089	0.06
L42500-64700	0.070	0.34	0.32	0.3	10.8	0.2	214.5	0.06	0.12	0.3	0.007	0.07
L42500-64675	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
L42500-64650	0.002	0.03	0.35	3.5	1.6	0.7	11.1	0.02	0.09	0.6	0.077	0.09
L42500-64600	<0.001	0.06	0.07	2.3	1.1	1.1	18.2	<0.01	1.75	0.3	0.025	0.16
L42500-64550	<0.001	0.02	0.35	2.7	0.9	0.8	7.0	<0.01	0.84	1.4	0.072	0.07
L42500-64500	0.001	0.02	0.24	3.7	1.0	0.8	21.7	<0.01	0.76	1.4	0.110	0.10
L42600-66450	<0.001	0.02	0.26	1.6	0.7	0.9	5.7	<0.01	0.35	0.2	0.044	0.05
L42600-66400	0.024	0.21	0.36	1.7	7.5	<0.2	22.2	0.01	0.42	<0.2	0.009	0.26
L42600-66350	<0.001	<0.01	0.17	1.0	0.7	0.5	4.1	<0.01	0.12	<0.2	0.135	0.03
L42600-66300	<0.001	0.05	0.29	7.6	1.2	1.4	15.1	<0.01	0.21	2.2	0.198	0.09
L42600-66250	<0.001	0.03	0.44	3.7	0.7	1.0	12.2	<0.01	0.14	1.2	0.294	0.08
L42600-66200	<0.001	0.06	0.69	4.3	1.6	1.0	7.9	0.02	0.23	1.6	0.127	0.08
L42600-66150	<0.001	0.08	0.37	6.5	2.6	0.4	22.7	0.02	0.28	0.8	0.133	0.05
L42600-66100	<0.001	0.06	0.26	5.7	2.2	0.6	62.9	0.01	0.20	1.2	0.182	0.06
L42600-66050	<0.001	0.06	0.48	3.8	1.6	0.8	7.6	0.02	0.17	1.0	0.069	0.05
L42600-65000	<0.001	0.01	<0.05	0.4	0.4	0.4	4.2	<0.01	0.05	0.7	0.019	0.04
L42600-64950	<0.001	0.02	0.36	3.2	0.7	0.6	9.8	<0.01	0.11	1.1	0.081	0.08
L42600-64900	<0.001	0.03	0.50	2.8	0.8	0.5	10.2	<0.01	0.12	0.6	0.107	0.07
L42600-64850	<0.001	0.05	0.14	5.1	1.4	1.2	5.8	0.02	0.11	0.9	0.240	0.09
L42600-64800	<0.001	0.04	0.50	3.8	1.2	0.5	7.8	0.04	0.09	1.8	0.068	0.08
L42600-64750	<0.001	0.01	0.23	1.6	0.5	0.9	6.2	<0.01	0.10	1.1	0.143	0.07
L42600-64700	<0.001	0.04	0.30	2.1	1.0	0.8	8.7	0.01	0.22	0.5	0.074	0.09
L42600-64650	<0.001	0.04	0.30	2.4	1.3	0.8	9.1	0.01	0.27	0.9	0.096	0.09

Please refer to the cover page for comments regarding this certificate.



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To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610142A

Project Name: Pitman
 Job Received Date: 09-Nov-2016
 Job Report Date: 07-Dec-2016
 Report Version: Final

Sample ID	IMS-130 Re ppm	IMS-130 S %	IMS-130 Sb ppm	IMS-130 Sc ppm	IMS-130 Se ppm	IMS-130 Sn ppm	IMS-130 Sr ppm	IMS-130 Ta ppm	IMS-130 Te ppm	IMS-130 Th ppm	IMS-130 Ti %	IMS-130 Tl ppm
L42600-64600	<0.001	0.02	0.15	2.0	0.6	0.7	19.5	<0.01	0.40	0.5	0.059	0.08
L42600-64550	<0.001	0.03	0.55	4.0	1.0	0.5	8.0	0.06	0.48	1.6	0.069	0.09
L42600-64500	0.004	0.03	0.22	7.3	1.7	0.8	44.2	0.03	0.33	1.2	0.088	0.28
L42600-64450	<0.001	<0.01	0.30	1.3	0.3	0.5	13.2	<0.01	0.15	0.6	0.063	0.06
L42600-64400	<0.001	0.02	0.21	3.9	0.5	0.5	10.3	0.02	0.14	1.5	0.086	0.10
L42700-64850	0.008	0.05	0.15	1.0	2.0	0.8	45.6	0.01	0.17	<0.2	0.035	0.07
L42700-64800	<0.001	0.04	0.18	1.8	1.2	0.8	5.8	0.06	0.17	5.0	0.029	0.14
L42700-64750	0.002	0.03	0.47	3.9	1.0	0.4	35.3	<0.01	0.21	1.0	0.053	0.08
L42700-64700	<0.001	0.03	0.56	3.0	0.7	0.7	7.6	<0.01	0.17	0.8	0.081	0.06
L42700-64650	0.004	0.09	0.21	1.1	3.9	0.6	35.5	0.02	0.25	<0.2	0.027	0.08
L42700-64600	<0.001	0.04	0.30	1.0	1.1	0.7	37.6	<0.01	0.13	<0.2	0.037	0.06
L42700-64550	0.002	0.02	0.71	4.2	1.0	0.5	26.5	<0.01	0.13	0.5	0.049	0.06
L42700-64500	<0.001	<0.01	0.18	0.9	0.4	0.7	3.8	<0.01	0.07	0.4	0.049	0.04
L42700-64450	<0.001	0.02	0.08	2.3	0.7	0.6	18.4	<0.01	0.23	3.5	<0.005	0.11
L42700-64400	<0.001	0.02	0.42	2.8	0.7	0.8	7.7	0.01	0.20	1.1	0.063	0.09
L42700-64350	<0.001	0.02	0.33	4.7	0.7	0.7	8.1	<0.01	0.19	1.8	0.068	0.16
L42800-64850	<0.001	0.02	0.25	3.3	0.7	0.7	22.1	<0.01	0.13	1.3	0.071	0.07
L42800-64800	<0.001	0.04	0.55	3.6	1.2	0.3	10.8	0.02	0.09	0.9	0.064	0.06
L42000-65800	0.001	0.03	0.91	5.4	0.9	0.4	23.8	0.02	0.10	0.6	0.048	0.06
L42000-65750	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
L42000-65700	<0.001	0.02	<0.05	0.4	0.7	0.4	4.9	<0.01	0.04	0.5	0.015	0.14
L42000-65650	<0.001	0.03	<0.05	0.5	0.9	0.5	3.6	<0.01	0.03	0.8	0.016	0.08
L42000-65600	<0.001	0.03	0.96	2.7	1.1	1.3	3.6	0.01	0.13	0.6	0.137	0.06
L42000-65550	<0.001	0.02	0.56	1.8	0.9	1.7	4.9	0.02	0.15	1.4	0.194	0.05
L42000-65500	<0.001	<0.01	0.22	1.2	0.3	0.5	6.0	<0.01	0.07	0.4	0.079	0.06

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 Unit 1, 20120 102nd Avenue
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To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610142A

Project Name: Pitman
 Job Received Date: 09-Nov-2016
 Job Report Date: 07-Dec-2016
 Report Version: Final

Sample ID	IMS-130 Re ppm	IMS-130 S %	IMS-130 Sb ppm	IMS-130 Sc ppm	IMS-130 Se ppm	IMS-130 Sn ppm	IMS-130 Sr ppm	IMS-130 Ta ppm	IMS-130 Te ppm	IMS-130 Th ppm	IMS-130 Ti %	IMS-130 Tl ppm
L42000-65450	<0.001	0.06	0.54	4.8	1.4	0.6	13.0	0.03	0.24	1.4	0.076	0.08
L42000-65400	<0.001	0.04	0.10	4.9	1.2	1.2	27.3	0.07	0.24	1.3	0.202	0.14
L42000-65350	<0.001	0.01	0.51	0.9	0.5	0.9	4.9	<0.01	0.08	0.2	0.104	0.06
L42000-65300	<0.001	0.02	0.38	1.5	1.1	0.9	7.1	0.01	0.12	<0.2	0.125	0.07
L42000-65250	<0.001	0.05	0.47	1.3	1.4	0.6	4.7	<0.01	0.16	<0.2	0.038	0.05
L42000-65200	<0.001	0.03	0.46	3.1	1.0	1.2	7.3	<0.01	0.12	0.5	0.155	0.08
L42000-65150	<0.001	0.03	0.43	1.8	1.0	0.9	9.0	<0.01	0.08	<0.2	0.056	0.10
L42000-65100	<0.001	0.07	0.82	6.1	1.4	0.8	6.9	0.17	0.14	2.0	0.076	0.09
L42000-65050	<0.001	0.02	0.51	2.7	0.7	1.2	4.5	0.04	0.05	1.2	0.154	0.10
L42000-65000	<0.001	0.03	0.58	3.1	0.8	1.1	5.5	0.03	0.16	1.3	0.130	0.11
L42000-64950	<0.001	0.01	0.17	1.0	0.4	0.6	9.1	0.02	0.01	0.5	0.063	0.06
L42100-66700	<0.001	0.01	0.51	1.0	0.4	0.8	3.5	0.03	<0.01	0.3	0.052	0.05
L42100-66650	<0.001	0.02	0.86	1.8	0.6	1.0	3.1	0.03	0.04	0.6	0.071	0.04
L42100-66600	<0.001	0.04	0.92	2.1	1.1	1.2	4.6	0.04	0.08	0.5	0.106	0.05
L42100-66550	<0.001	0.05	0.93	3.8	1.1	0.6	4.0	0.04	0.10	2.1	0.098	0.06
L42100-66500	<0.001	0.04	1.01	3.2	0.8	0.7	3.1	0.01	0.66	0.9	0.083	0.05
L42100-66450	<0.001	0.02	0.56	1.4	0.7	1.4	3.4	0.02	0.27	<0.2	0.054	0.06
L42100-66400	<0.001	0.08	0.82	3.6	1.9	0.5	3.5	0.13	0.20	1.2	0.081	0.04
L42100-66350	<0.001	0.10	0.81	6.0	1.5	0.6	4.0	0.06	0.19	2.6	0.061	0.07
L42100-66300	<0.001	0.03	0.90	1.3	0.8	0.9	5.4	0.02	0.12	0.6	0.081	0.05
L42100-66250	<0.001	0.03	0.44	1.6	1.2	1.2	5.4	0.03	0.11	<0.2	0.106	0.08
L42100-66200	0.002	0.06	0.98	2.9	2.0	0.5	10.8	0.02	0.27	0.3	0.055	0.10
L42100-66150	0.004	0.05	0.80	5.2	1.9	0.4	36.1	0.02	0.39	0.8	0.021	0.22
L42100-66100	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
L42100-66050	<0.001	0.08	0.11	1.3	2.6	0.5	12.6	0.06	0.29	0.4	0.105	0.04

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CERTIFICATE OF ANALYSIS: YVR1610142A

Project Name: Pitman
 Job Received Date: 09-Nov-2016
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L42100-66000	0.001	0.03	0.35	2.0	1.1	0.3	75.1	0.02	0.06	0.2	0.088	0.07
L42100-65950	0.002	0.04	0.38	7.1	1.4	0.7	22.5	0.04	0.09	0.4	0.441	0.06
L42100-65900	<0.001	0.03	0.75	4.5	1.2	0.8	6.0	0.01	0.11	0.7	0.085	0.04
L42100-65550	<0.001	0.03	0.97	3.7	1.2	0.5	18.8	0.03	0.36	0.3	0.052	0.09
L42100-65500	0.001	0.02	0.56	7.5	0.9	0.5	36.7	0.03	0.29	0.3	0.051	0.12
L42100-65450	<0.001	0.01	0.32	2.0	0.6	1.1	20.5	0.01	0.13	0.8	0.197	0.06
L42100-65400	<0.001	0.02	0.47	0.9	0.6	0.5	7.4	0.01	0.06	0.5	0.026	0.03
L42100-65350	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
L42100-65300	<0.001	0.08	0.81	5.1	1.5	0.4	4.0	0.04	0.12	9.1	0.085	0.05
L42100-65250	<0.001	0.03	0.10	2.4	0.7	0.6	2.4	<0.01	0.08	1.0	0.032	0.09
L42100-65200	0.022	0.17	0.22	0.7	1.9	0.9	50.1	0.07	0.02	<0.2	0.090	0.11
L42100-65150	<0.001	0.01	<0.05	0.9	0.4	0.4	1.2	<0.01	<0.01	0.4	0.008	0.05
L42100-65100	<0.001	0.02	0.09	1.6	0.7	0.7	3.5	<0.01	<0.01	1.0	0.007	0.09
L42100-65050	<0.001	0.02	<0.05	0.5	0.5	0.3	5.7	<0.01	<0.01	0.8	0.005	0.07
L42800-64750	<0.001	0.04	0.88	3.6	1.2	0.4	5.9	0.03	0.04	1.4	0.058	0.05
L42800-64700	0.002	0.03	0.53	5.8	1.4	0.5	25.8	<0.01	0.06	0.7	0.108	0.29
L42800-64650	<0.001	0.02	0.43	3.4	0.9	0.6	21.7	<0.01	0.05	0.5	0.067	0.08
L42800-64600	0.004	0.04	0.47	3.6	1.5	0.5	29.7	0.01	0.06	0.3	0.063	0.09
L42800-64550	0.007	0.05	0.27	4.8	2.0	0.7	34.1	0.02	0.08	0.6	0.040	0.15
L42800-64500	<0.001	0.03	0.22	9.0	1.6	0.7	31.0	<0.01	0.55	1.0	0.281	0.14
L42800-64450	<0.001	0.03	0.22	2.6	0.8	0.6	28.8	0.01	0.22	1.6	0.036	0.09
L42800-64400	<0.001	0.02	0.19	4.2	0.5	0.8	13.8	<0.01	0.56	0.8	0.047	0.10
L42800-64350	0.001	0.04	0.37	13.8	1.5	0.6	7.3	0.03	0.44	2.3	0.081	0.11
L42800-64300	<0.001	0.02	0.24	5.0	0.7	1.0	6.8	0.02	0.29	2.6	0.047	0.15
L42900-65800	<0.001	0.10	0.51	6.4	1.0	0.7	7.9	0.03	0.27	2.4	0.104	0.07

Please refer to the cover page for comments regarding this certificate.



An A2 Global Company

MS Analytical
 Unit 1, 20120 102nd Avenue
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 Phone: +1-604-888-0875

To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610142A

Project Name: Pitman
 Job Received Date: 09-Nov-2016
 Job Report Date: 07-Dec-2016
 Report Version: Final

Sample ID	IMS-130 Re ppm	IMS-130 S %	IMS-130 Sb ppm	IMS-130 Sc ppm	IMS-130 Se ppm	IMS-130 Sn ppm	IMS-130 Sr ppm	IMS-130 Ta ppm	IMS-130 Te ppm	IMS-130 Th ppm	IMS-130 Ti %	IMS-130 Tl ppm
L42900-65750	<0.001	0.06	0.34	7.9	0.9	0.9	13.1	0.05	0.28	1.3	0.203	0.11
L42900-65700	<0.001	0.04	0.41	5.1	0.8	0.8	11.4	0.09	0.20	1.4	0.112	0.13
L42900-65650	<0.001	0.01	0.08	4.1	0.4	0.6	28.1	<0.01	0.13	1.6	0.022	0.13
L42900-65600	<0.001	0.01	0.14	4.6	0.4	0.8	11.6	<0.01	0.16	2.4	0.022	0.22
L42900-65550	<0.001	0.02	0.23	4.7	0.5	1.0	4.1	<0.01	0.08	1.2	0.026	0.12
L42900-65500	<0.001	0.02	0.54	8.4	0.6	1.0	8.9	0.02	0.10	1.5	0.276	0.14
L42900-65450	<0.001	0.03	0.24	16.7	0.9	0.6	13.3	<0.01	0.13	1.7	0.150	0.40
L42900-65400	<0.001	0.02	0.25	4.8	0.6	0.6	9.9	<0.01	0.10	1.2	0.059	0.16
L42900-65350	<0.001	0.02	0.17	2.7	0.5	0.4	11.2	<0.01	0.14	1.9	0.021	0.16
L42900-65300	<0.001	0.02	<0.05	1.0	0.6	0.3	9.3	<0.01	0.13	4.3	<0.005	0.16
L42900-65200	<0.001	0.02	0.08	1.8	0.6	0.3	9.4	<0.01	0.12	5.5	<0.005	0.20
L42900-65150	<0.001	0.02	0.51	3.3	0.8	1.0	5.2	0.02	0.16	2.6	0.093	0.18
L42900-65100	<0.001	0.07	0.12	3.3	0.8	0.2	54.6	<0.01	0.21	4.3	0.006	0.14
L42900-64800	<0.001	0.03	0.25	6.3	0.8	0.7	9.2	0.06	0.16	1.6	0.080	0.14
L42900-64750	<0.001	0.04	0.20	6.8	0.8	0.6	5.2	0.03	0.14	2.3	0.023	0.13
L42900-64700	<0.001	0.04	0.30	4.9	0.9	0.5	10.9	0.01	0.15	3.0	0.025	0.15
L42900-64650	<0.001	0.03	0.29	3.4	0.7	1.0	9.3	<0.01	0.13	0.7	0.179	0.12
L42900-64600	<0.001	0.01	0.25	3.2	0.5	1.0	9.6	<0.01	0.10	1.3	0.089	0.12
L42900-64550	<0.001	0.02	0.43	1.7	0.5	0.7	12.8	<0.01	0.08	1.6	0.053	0.09
L42900-64500	0.002	0.04	0.20	3.8	1.1	0.6	27.4	<0.01	0.17	1.2	0.027	0.19

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An A2 Global Company

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To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610142A

Project Name: Pitman
 Job Received Date: 09-Nov-2016
 Job Report Date: 07-Dec-2016
 Report Version: Final

	IMS-130 Re ppm	IMS-130 S %	IMS-130 Sb ppm	IMS-130 Sc ppm	IMS-130 Se ppm	IMS-130 Sn ppm	IMS-130 Sr ppm	IMS-130 Ta ppm	IMS-130 Te ppm	IMS-130 Th ppm	IMS-130 Ti %	IMS-130 Tl ppm
Sample ID	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005	0.02
L42900-64450	<0.001	0.04	0.22	4.3	0.8	0.6	63.0	<0.01	0.11	0.7	0.085	0.11
DUP L41900-65150	<0.001	0.05	0.66	4.0	0.8	1.1	5.9	0.02	0.12	1.5	0.088	0.07
DUP L42600-66150	<0.001	0.08	0.39	6.5	2.6	0.4	22.3	0.02	0.27	0.8	0.136	0.06
DUP L42600-64650	<0.001	0.04	0.27	2.4	1.4	0.8	8.9	0.01	0.20	0.8	0.097	0.08
DUP L42800-64750	<0.001	0.04	0.93	3.6	1.2	0.4	5.8	0.03	0.12	2.0	0.061	0.05
DUP L42900-64500	0.002	0.04	0.20	4.1	1.1	0.7	26.9	<0.01	0.20	1.6	0.027	0.21
STD BLANK	<0.001	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005	<0.02
STD BLANK	<0.001	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005	<0.02
STD BLANK	<0.001	<0.01	0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005	<0.02
STD BLANK	<0.001	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005	<0.02
STD BLANK	<0.001	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005	<0.02
STD OREAS 24b	<0.001	0.20	0.42	9.8	0.5	2.4	30.3	<0.01	0.05	14.8	0.203	0.64
STD GBM908-10	0.002	0.38	1.14	2.2	0.8	2.2	43.0	0.01	0.13	18.7	0.316	0.24
STD OREAS 24b	<0.001	0.19	0.38	9.7	0.5	2.2	30.7	0.01	0.06	14.0	0.207	0.63
STD OREAS 904	0.001	0.03	0.74	3.6	2.6	0.6	16.0	0.02	0.05	8.0	0.007	0.18
STD OREAS 24b	<0.001	0.20	0.42	9.8	0.5	2.3	29.9	0.01	0.01	14.4	0.194	0.62

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CERTIFICATE OF ANALYSIS: YVR1610142A

Project Name: Pitman
Job Received Date: 09-Nov-2016
Job Report Date: 07-Dec-2016
Report Version: Final

Sample ID	IMS-130 U ppm	IMS-130 V ppm	IMS-130 W ppm	IMS-130 Y ppm	IMS-130 Zn ppm	IMS-130 Zr ppm
L41900-66500	0.56	36	0.26	5.99	95	0.8
L41900-66450	0.18	42	0.26	0.76	11	0.9
L41900-66400	0.28	34	0.26	1.45	13	<0.5
L41900-66350	0.19	106	0.51	1.06	28	0.8
L41900-66300	0.12	8	0.07	0.54	<2	0.5
L41900-66250	0.24	50	0.29	3.12	25	0.6
L41900-66200	0.17	103	0.48	0.96	23	<0.5
L41900-66150	0.25	31	0.58	1.86	8	0.7
L41900-66100	0.17	24	0.16	0.78	4	<0.5
L41900-66050	0.52	88	0.42	2.72	42	0.7
L41900-66000	0.29	56	0.82	4.28	26	2.0
L41900-65950	0.23	33	0.60	1.90	7	<0.5
L41900-65900	0.52	34	1.49	4.27	18	<0.5
L41900-65850	0.34	122	1.22	2.24	19	1.7
L41900-65800	0.36	25	0.35	2.07	11	<0.5
L41900-65750	0.26	96	0.46	1.42	26	<0.5
L41900-65700	0.14	17	0.42	1.87	9	<0.5
L41900-65650	0.31	95	3.18	1.84	34	2.4
L41900-65600	0.51	81	0.79	2.78	37	1.0
L41900-65550	0.17	72	60.23	1.79	13	<0.5
L41900-65500	0.21	175	2.60	1.83	24	0.7
L41900-65450	0.67	78	7.54	3.17	63	0.6
L41900-65400	0.59	56	3.09	3.74	67	5.0
L41900-65350	2.32	76	1.92	3.33	33	<0.5
L41900-65300	1.80	43	0.80	1.73	31	<0.5

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Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610142A

Project Name: Pitman
Job Received Date: 09-Nov-2016
Job Report Date: 07-Dec-2016
Report Version: Final

Sample ID	IMS-130 U ppm	IMS-130 V ppm	IMS-130 W ppm	IMS-130 Y ppm	IMS-130 Zn ppm	IMS-130 Zr ppm
L41900-65250	0.34	74	0.56	1.14	44	<0.5
L41900-65200	0.27	116	2.70	1.13	35	0.8
L41900-65150	0.36	81	0.96	3.70	82	4.1
L41900-65100	0.34	44	0.88	1.15	28	1.8
L41900-65050	0.20	28	0.33	1.42	11	<0.5
L41900-65000	0.50	50	0.92	2.07	136	3.5
L41900-64975	0.64	73	2.26	4.76	65	2.1
L42000-66500	0.11	36	0.28	0.74	12	<0.5
L42000-66450	0.42	60	0.25	1.18	14	0.6
L42000-66400	0.11	27	0.26	0.79	4	<0.5
L42000-66350	0.21	60	0.34	1.09	16	0.8
L42000-66300	0.27	61	0.32	1.25	17	<0.5
L42000-66250	1.43	30	0.63	9.67	65	2.3
L42000-66200	0.17	75	0.40	0.81	15	<0.5
L42000-66150	0.37	70	0.39	1.87	47	8.6
L42000-66100	0.08	10	0.08	0.47	<2	0.7
L42000-66050	0.19	53	0.40	0.70	25	0.7
L42000-66000	0.57	24	0.50	0.99	10	<0.5
L42000-65950	1.36	54	2.17	4.75	91	<0.5
L42000-65900	1.61	61	0.61	3.78	56	0.5
L42000-65850	0.54	47	0.30	4.26	67	1.0
L42500-65000	2.96	47	1.36	3.00	42	1.1
L42500-64950	0.12	48	0.35	0.66	9	0.8
L42500-64900	18.87	53	0.50	22.73	81	0.6
L42500-64850	0.66	70	0.51	3.52	80	11.2

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Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610142A

Project Name: Pitman
Job Received Date: 09-Nov-2016
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Report Version: Final

Sample ID	IMS-130 U ppm	IMS-130 V ppm	IMS-130 W ppm	IMS-130 Y ppm	IMS-130 Zn ppm	IMS-130 Zr ppm
L42500-64800	0.45	87	1.26	1.56	43	0.8
L42500-64750	0.35	86	1.25	1.43	40	0.6
L42500-64700	0.46	7	0.35	1.83	66	1.3
L42500-64675	NR	NR	NR	NR	NR	NR
L42500-64650	0.74	63	0.62	15.92	84	0.6
L42500-64600	1.28	97	6.63	4.48	96	<0.5
L42500-64550	0.31	80	0.67	2.14	124	5.1
L42500-64500	2.37	85	8.86	13.24	104	4.3
L42600-66450	0.29	39	0.60	2.99	12	<0.5
L42600-66400	3.69	11	0.19	26.94	193	2.5
L42600-66350	0.19	17	0.22	2.05	3	1.2
L42600-66300	0.60	109	1.08	12.56	47	2.0
L42600-66250	0.17	119	0.76	1.71	35	1.3
L42600-66200	0.45	82	1.81	5.26	74	7.4
L42600-66150	0.57	67	1.25	5.22	44	6.0
L42600-66100	0.44	119	1.38	3.57	66	10.7
L42600-66050	0.46	69	0.96	1.76	29	9.9
L42600-65000	0.41	22	0.17	0.80	6	<0.5
L42600-64950	0.60	65	0.54	2.87	52	1.9
L42600-64900	0.32	86	2.10	2.48	43	1.0
L42600-64850	0.49	199	0.69	3.69	49	1.2
L42600-64800	0.51	52	0.52	2.77	61	3.7
L42600-64750	0.43	69	0.46	1.26	27	0.6
L42600-64700	0.44	67	0.67	1.56	39	0.6
L42600-64650	0.84	96	0.82	6.69	62	0.5

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CERTIFICATE OF ANALYSIS: YVR1610142A

Project Name: Pitman
Job Received Date: 09-Nov-2016
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Report Version: Final

Sample ID	IMS-130 U ppm	IMS-130 V ppm	IMS-130 W ppm	IMS-130 Y ppm	IMS-130 Zn ppm	IMS-130 Zr ppm
L42600-64600	0.48	56	7.78	2.78	63	<0.5
L42600-64550	0.53	63	1.03	3.46	97	2.7
L42600-64500	9.31	72	0.87	20.81	94	1.0
L42600-64450	0.16	59	0.38	0.94	14	<0.5
L42600-64400	0.30	66	0.93	2.42	54	3.0
L42700-64850	4.36	33	1.07	17.57	55	<0.5
L42700-64800	0.83	73	0.47	1.66	48	3.3
L42700-64750	2.20	53	0.27	15.61	82	<0.5
L42700-64700	0.71	59	0.42	2.52	55	0.5
L42700-64650	17.45	32	0.47	47.76	36	<0.5
L42700-64600	0.52	50	0.57	3.53	46	<0.5
L42700-64550	1.09	55	0.24	11.41	81	<0.5
L42700-64500	0.12	45	0.20	0.76	12	<0.5
L42700-64450	0.37	49	0.14	2.92	70	0.9
L42700-64400	0.26	76	0.47	2.10	52	2.4
L42700-64350	0.36	73	0.59	2.75	92	2.8
L42800-64850	0.48	74	0.54	2.32	48	1.3
L42800-64800	0.49	48	0.44	3.26	54	0.9
L42000-65800	0.84	48	1.37	9.96	75	0.6
L42000-65750	NR	NR	NR	NR	NR	NR
L42000-65700	0.63	35	1.61	0.93	17	<0.5
L42000-65650	0.79	33	7.56	0.86	14	<0.5
L42000-65600	0.40	122	0.80	1.56	27	0.8
L42000-65550	0.35	157	4.22	1.08	54	1.5
L42000-65500	0.12	43	0.62	1.18	6	<0.5

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CERTIFICATE OF ANALYSIS: YVR1610142A

Project Name: Pitman
Job Received Date: 09-Nov-2016
Job Report Date: 07-Dec-2016
Report Version: Final

Sample ID	IMS-130 U ppm	IMS-130 V ppm	IMS-130 W ppm	IMS-130 Y ppm	IMS-130 Zn ppm	IMS-130 Zr ppm
L42000-65450	0.46	55	13.14	5.74	68	4.6
L42000-65400	0.71	61	15.33	5.19	39	0.6
L42000-65350	0.25	80	0.62	0.89	24	0.8
L42000-65300	0.55	50	0.88	2.45	24	1.2
L42000-65250	0.49	57	0.63	2.82	31	<0.5
L42000-65200	0.36	88	27.27	2.32	28	<0.5
L42000-65150	0.35	54	1.37	1.89	42	<0.5
L42000-65100	0.47	71	1.99	4.30	94	9.8
L42000-65050	0.31	115	3.55	1.84	25	1.2
L42000-65000	0.67	106	3.86	2.25	50	1.8
L42000-64950	0.34	32	1.35	1.40	7	<0.5
L42100-66700	0.14	53	0.32	0.83	17	<0.5
L42100-66650	0.15	86	0.48	0.96	33	<0.5
L42100-66600	0.25	122	0.63	1.14	31	0.8
L42100-66550	0.32	90	0.47	1.60	61	3.4
L42100-66500	0.14	113	0.53	1.21	38	0.8
L42100-66450	0.19	55	0.39	1.10	9	<0.5
L42100-66400	0.37	60	0.37	2.00	46	1.8
L42100-66350	0.54	65	0.45	2.45	52	11.6
L42100-66300	0.14	97	0.55	0.83	23	0.8
L42100-66250	0.53	60	0.48	2.92	71	0.8
L42100-66200	1.07	62	0.46	11.57	75	0.5
L42100-66150	1.22	44	2.66	18.26	145	0.5
L42100-66100	NR	NR	NR	NR	NR	NR
L42100-66050	0.83	46	4.74	1.95	14	0.8

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V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610142A

Project Name: Pitman
Job Received Date: 09-Nov-2016
Job Report Date: 07-Dec-2016
Report Version: Final

Sample ID	IMS-130 U ppm	IMS-130 V ppm	IMS-130 W ppm	IMS-130 Y ppm	IMS-130 Zn ppm	IMS-130 Zr ppm
L42100-66000	0.12	32	72.08	2.11	13	<0.5
L42100-65950	0.23	240	103.94	2.57	38	1.8
L42100-65900	0.27	99	5.83	4.31	30	0.6
L42100-65550	1.59	61	7.70	5.40	76	<0.5
L42100-65500	2.18	85	51.82	9.34	72	<0.5
L42100-65450	0.21	102	6.63	1.59	34	1.3
L42100-65400	0.13	37	1.75	0.70	9	<0.5
L42100-65350	NR	NR	NR	NR	NR	NR
L42100-65300	1.03	41	2.77	7.59	44	7.5
L42100-65250	0.47	64	4.04	1.76	27	<0.5
L42100-65200	25.16	19	20.41	7.05	76	1.1
L42100-65150	0.26	14	0.98	1.50	4	<0.5
L42100-65100	0.74	35	3.65	2.15	20	<0.5
L42100-65050	0.57	14	1.15	1.20	13	<0.5
L42800-64750	0.24	66	0.69	1.82	56	3.9
L42800-64700	1.71	100	1.17	17.90	82	0.7
L42800-64650	0.51	68	0.61	5.87	64	<0.5
L42800-64600	1.03	54	0.68	16.99	78	0.6
L42800-64550	0.85	55	0.55	25.88	77	0.9
L42800-64500	0.68	152	1.18	11.55	158	2.2
L42800-64450	0.55	67	0.44	3.68	49	1.1
L42800-64400	0.39	65	0.82	2.49	82	<0.5
L42800-64350	0.65	61	0.38	13.27	163	9.0
L42800-64300	0.33	76	0.31	2.44	127	2.1
L42900-65800	0.41	61	1.00	3.95	93	8.9

***Please refer to the cover page for comments regarding this certificate. ***



An A2 Global Company

MS Analytical
Unit 1, 20120 102nd Avenue
Langley, BC V1M 4B4
Phone: +1-604-888-0875

To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610142A

Project Name: Pitman
Job Received Date: 09-Nov-2016
Job Report Date: 07-Dec-2016
Report Version: Final

Sample ID	IMS-130 U ppm	IMS-130 V ppm	IMS-130 W ppm	IMS-130 Y ppm	IMS-130 Zn ppm	IMS-130 Zr ppm
L42900-65750	0.32	86	6.46	5.89	68	3.4
L42900-65700	0.28	68	5.57	3.52	64	2.5
L42900-65650	0.25	61	1.34	3.48	32	<0.5
L42900-65600	0.47	59	2.74	5.45	55	1.8
L42900-65550	0.22	28	5.04	3.66	31	<0.5
L42900-65500	0.26	164	5.86	4.25	263	2.2
L42900-65450	0.84	186	1.41	11.38	324	<0.5
L42900-65400	0.54	80	2.37	3.47	114	<0.5
L42900-65350	1.00	52	1.27	2.83	73	<0.5
L42900-65300	0.86	24	0.38	1.57	46	<0.5
L42900-65200	1.35	31	0.22	5.65	76	1.1
L42900-65150	0.52	137	7.24	2.26	58	1.4
L42900-65100	3.07	24	1.92	15.26	56	1.0
L42900-64800	0.82	81	0.52	4.22	103	1.5
L42900-64750	0.54	75	0.59	2.81	127	3.0
L42900-64700	0.62	63	0.64	3.46	114	1.3
L42900-64650	0.44	127	0.43	3.19	75	0.8
L42900-64600	0.40	89	0.42	3.77	53	1.5
L42900-64550	0.34	75	0.39	1.32	24	<0.5
L42900-64500	1.03	64	0.89	16.99	80	0.7

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CERTIFICATE OF ANALYSIS:	YVR1610142A
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Project Name: Pitman
 Job Received Date: 09-Nov-2016
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	IMS-130 U ppm	IMS-130 V ppm	IMS-130 W ppm	IMS-130 Y ppm	IMS-130 Zn ppm	IMS-130 Zr ppm
Sample ID	0.05	1	0.05	0.05	2	0.5
L42900-64450	0.97	76	0.33	10.80	80	<0.5
DUP L41900-65150	0.35	81	0.91	3.66	83	4.3
DUP L42600-66150	0.58	67	1.24	5.08	43	5.6
DUP L42600-64650	0.78	97	0.80	6.46	62	<0.5
DUP L42800-64750	0.24	66	0.62	1.92	56	3.9
DUP L42900-64500	1.09	64	0.89	17.45	80	0.9
STD BLANK	<0.05	<1	<0.05	<0.05	<2	<0.5
STD BLANK	<0.05	<1	<0.05	<0.05	<2	<0.5
STD BLANK	<0.05	<1	<0.05	<0.05	<2	<0.5
STD BLANK	<0.05	<1	0.05	<0.05	<2	<0.5
STD BLANK	<0.05	<1	<0.05	<0.05	<2	<0.5
STD OREAS 24b	1.90	81	1.28	13.40	99	26.6
STD GBM908-10	1.36	48	1.88	22.54	988	23.9
STD OREAS 24b	1.84	79	1.27	13.01	99	26.7
STD OREAS 904	4.93	24	0.63	17.41	24	18.3
STD OREAS 24b	1.63	77	1.17	12.69	97	25.9

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To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610142B

Project Name: Pitman
Job Received Date: 09-Nov-2016
Job Report Date: 09-Dec-2016
Report Version: Final

COMMENTS:

Test results reported relate only to the samples as received by the laboratory. Unless otherwise stated above, sufficient sample was received for the methods requested and all samples were received in acceptable condition. Analytical results in unsigned reports marked "preliminary" are subject to change, pending final QC review. Please refer to MS Analyticals' *Schedule of Services and Fees* for our complete Terms and Conditions

SAMPLE PREPARATION	
METHOD CODE	DESCRIPTION
PRP-757	Dry, Screen to 80 mesh, save plus fraction

ANALYTICAL METHODS	
METHOD CODE	DESCRIPTION
IMS-130	Multi-Element, 0.5g, 3:1 Aqua Regia, ICP-AES/MS, Ultra Trace Level

Signature:

Yvette Hsi, BSc.
Manager - Geochem
MS Analytical



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V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610142B

Project Name: Pitman
 Job Received Date: 09-Nov-2016
 Job Report Date: 09-Dec-2016
 Report Version: Final

Sample ID	Sample Type	PWE-100 Rec. Wt. kg	Method Analyte Units	IMS-130 Ag ppm	IMS-130 Al %	IMS-130 As ppm	IMS-130 Au ppm	IMS-130 B ppm	IMS-130 Ba ppm	IMS-130 Be ppm	IMS-130 Bi ppm	IMS-130 Ca %
		0.01	LOR	0.01	0.01	0.1	0.005	10	10	0.05	0.01	0.01
L42900-64400	Soil	0.16		0.04	0.48	0.8	<0.005	<10	43	0.08	2.90	0.12
L42900-64350	Soil	0.16		0.14	2.72	12.1	<0.005	<10	221	0.75	1.57	0.15
L42900-66700	Soil	0.13		0.23	2.94	6.8	<0.005	<10	37	0.29	0.13	0.10
L42900-66650	Soil	0.07		0.20	1.45	7.7	<0.005	<10	52	0.14	0.13	0.15
L42900-66600	Soil	0.11		0.04	0.16	0.3	<0.005	<10	<10	<0.05	0.10	0.06
L42900-66550	Soil	0.16		0.33	1.96	15.6	<0.005	<10	17	0.13	0.33	0.04
L42900-66500	Soil	0.12		0.19	2.71	14.5	<0.005	<10	46	0.29	0.15	0.04
L42900-66450	Soil	0.10		0.14	1.26	7.5	<0.005	<10	21	0.08	0.18	0.02
L42900-66400	Soil	0.13		0.16	3.26	19.2	<0.005	<10	34	0.17	0.19	0.03
L42900-66350	Soil	0.11		0.02	0.16	1.1	<0.005	<10	<10	<0.05	0.09	0.03
L42900-66300	Soil	0.13		0.11	4.77	20.1	<0.005	<10	54	0.43	0.19	0.05
L42900-66250	Soil	0.11		0.43	6.77	17.6	<0.005	<10	27	0.24	0.13	0.03
L42900-66200	Soil	0.09		0.09	0.73	4.2	<0.005	<10	15	<0.05	0.25	0.04
L42900-66150	Soil	0.11		0.13	0.67	5.4	<0.005	<10	17	<0.05	0.15	0.02
L42900-66100	Soil	0.13		0.08	1.41	9.5	<0.005	<10	18	0.07	0.32	0.04
L42100-65000	Soil	0.18		0.02	0.85	1.8	<0.005	<10	48	0.17	0.45	0.06
L42100-64950	Soil	0.14		0.07	1.87	10.8	<0.005	<10	106	0.39	1.13	0.09
L42100-64900	Soil	0.12		0.07	1.15	6.3	<0.005	<10	61	0.15	2.11	0.04
L42100-64850	Soil	0.13		0.10	3.55	12.1	<0.005	<10	72	0.55	1.26	0.05
L42200-66700	Soil	0.16		0.08	1.92	24.8	<0.005	<10	35	0.24	0.17	0.04
L42200-66650	Soil	0.05		0.28	0.41	41.8	<0.005	<10	62	0.25	0.04	0.14
L42200-66600	Soil	0.14		0.07	2.51	14.7	<0.005	<10	106	0.51	0.32	0.33
L42200-66500	Soil	0.05		0.12	0.58	3.8	<0.005	<10	29	0.10	0.03	0.11
L42200-66450	Soil	0.12		0.22	4.35	18.9	<0.005	<10	28	0.31	0.15	0.03
L42200-66400	Soil	0.10		0.11	0.32	1.1	<0.005	<10	12	<0.05	0.16	0.03

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To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS:	YVR1610142B
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Project Name: Pitman
 Job Received Date: 09-Nov-2016
 Job Report Date: 09-Dec-2016
 Report Version: Final

Sample ID	Sample Type	PWE-100 Rec. Wt. kg	Method Analyte Units	IMS-130 Ag ppm	IMS-130 Al %	IMS-130 As ppm	IMS-130 Au ppm	IMS-130 B ppm	IMS-130 Ba ppm	IMS-130 Be ppm	IMS-130 Bi ppm	IMS-130 Ca %
		0.01	LOR	0.01	0.01	0.1	0.005	10	10	0.05	0.01	0.01
L42200-66350	Soil	0.12		0.08	1.63	2.8	<0.005	<10	35	0.19	0.30	0.05
L42200-66300	Soil	0.10		0.15	0.22	0.4	<0.005	<10	<10	<0.05	0.52	0.11
L42200-66250	Soil	0.15		0.14	0.93	3.4	<0.005	<10	58	0.16	0.26	0.15
L42200-66200	Soil	0.09		0.07	0.60	0.6	<0.005	<10	24	<0.05	0.07	0.13
L42200-66150	Soil	0.15		0.25	2.88	16.5	<0.005	<10	48	0.37	0.20	0.06
L42200-66100	Soil	0.21		0.30	2.33	38.9	<0.005	<10	198	0.86	0.56	0.51
L42200-66050	Soil	0.13		0.15	1.34	16.0	<0.005	<10	18	0.05	0.31	0.02
L42200-66000	Soil	0.06		0.28	0.54	2.0	<0.005	<10	31	0.15	0.05	0.06
L42200-65950	Soil	0.15		0.14	2.63	20.2	<0.005	<10	27	0.10	0.19	0.03
L42200-65900	Soil	0.10		0.07	2.01	16.1	<0.005	<10	27	0.19	0.17	0.04
L42200-65850	Soil	0.16		0.04	2.75	21.9	<0.005	<10	77	0.36	0.15	0.09
L42200-65800	Soil	0.15		0.06	2.65	18.5	<0.005	<10	47	0.26	0.17	0.06
L42200-65750	Soil	0.12		0.12	1.26	26.8	<0.005	<10	32	0.10	0.32	0.03
L42200-64950	Soil	0.10		0.19	1.52	5.7	<0.005	<10	132	0.49	6.42	0.04
L42200-64900	Soil	0.15		0.09	2.55	2.1	<0.005	<10	69	0.36	1.55	0.08
L42200-64850	Soil	0.12		0.28	1.61	3.1	<0.005	<10	536	1.01	2.96	0.28
L42200-64800	Soil	0.14		0.04	1.46	1.8	<0.005	<10	71	0.25	0.58	0.03
L42300-66700	Soil	0.18		0.06	1.19	6.4	<0.005	<10	44	0.10	0.26	0.06
L42300-66650	Soil	0.13		0.03	0.38	1.6	<0.005	<10	12	<0.05	0.09	0.02
L42300-66600	Soil	0.10		0.08	1.03	6.9	<0.005	<10	21	0.06	0.21	0.06
L42300-66550	Soil	0.13		0.04	0.48	8.3	<0.005	<10	14	<0.05	0.13	0.02
L42300-66500	Soil	0.15		0.02	0.36	6.7	<0.005	<10	10	<0.05	0.16	0.01
L42300-66450	Soil	0.15		0.03	1.37	19.9	<0.005	<10	32	0.09	0.20	0.04
L42300-66400	Soil	0.13		0.01	0.50	2.5	<0.005	<10	15	<0.05	0.16	0.02
L42300-66350	Soil	0.12		0.68	5.54	8.9	<0.005	<10	65	0.73	0.30	0.08

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To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS:	YVR1610142B
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Project Name: Pitman
 Job Received Date: 09-Nov-2016
 Job Report Date: 09-Dec-2016
 Report Version: Final

Sample ID	Sample Type	PWE-100 Rec. Wt. kg	Method Analyte Units	IMS-130 Ag ppm	IMS-130 Al %	IMS-130 As ppm	IMS-130 Au ppm	IMS-130 B ppm	IMS-130 Ba ppm	IMS-130 Be ppm	IMS-130 Bi ppm	IMS-130 Ca %
		0.01	LOR	0.01	0.01	0.1	0.005	10	10	0.05	0.01	0.01
L42300-66300	Soil	0.15		0.17	3.24	24.2	<0.005	<10	34	0.25	0.27	0.03
L42300-66250	Soil	0.09		0.44	1.88	3.0	<0.005	<10	53	0.41	1.81	0.14
L42300-66200	Soil	0.12		1.50	2.29	3.8	<0.005	<10	38	0.55	2.30	0.26
L42300-66150	Soil	0.16		0.65	4.90	10.9	<0.005	<10	37	0.41	0.38	0.09
L42300-66100	Soil	0.12		0.14	6.24	13.2	<0.005	<10	49	0.59	0.14	0.13
L42300-66050	Soil	0.13		0.14	3.56	12.5	0.009	<10	67	0.65	0.18	0.14
L42300-66000	Soil	0.12		0.06	0.18	2.0	<0.005	<10	11	<0.05	0.19	0.06
L42300-65950	Soil	0.13		0.12	0.84	14.2	<0.005	<10	15	<0.05	0.97	0.04
L42300-65900	Soil	0.17		0.36	5.59	39.4	<0.005	<10	44	0.64	0.34	0.04
L42300-65000	Soil	0.11		0.17	2.03	13.0	<0.005	<10	43	0.24	5.98	0.03
L42300-64950	Soil	0.13		0.74	1.61	1.6	<0.005	<10	51	0.24	25.77	0.06
L43000-66700	Soil	0.15		0.27	3.10	18.9	<0.005	<10	82	0.46	0.21	0.06
L43000-66650	Soil	0.12		0.24	1.60	16.7	<0.005	<10	42	0.20	0.16	0.05
L43000-66600	Soil	0.14		0.07	0.66	1.0	0.016	<10	13	<0.05	0.08	0.01
L43000-66550	Soil	0.11		0.11	0.99	4.8	<0.005	<10	32	0.15	0.09	0.05
L43000-66500	Soil	0.12		0.04	0.41	3.1	<0.005	<10	17	<0.05	0.13	0.03
L43000-66450	Soil	0.13		0.18	4.81	9.5	<0.005	<10	46	0.33	0.19	0.02
L43000-66400	Soil	0.15		0.31	4.76	15.7	<0.005	<10	36	0.58	0.20	0.05
L43000-66350	Soil	0.14		0.17	1.75	3.1	<0.005	<10	30	0.32	0.25	0.06
L43000-66300	Soil	0.15		0.03	0.25	3.5	<0.005	<10	17	<0.05	0.16	0.01
L43000-66250	Soil	0.09		0.17	1.35	9.3	<0.005	<10	44	0.11	0.27	0.04
L43000-66200	Soil	0.14		0.33	1.90	8.2	<0.005	<10	30	0.17	1.50	0.28
L43000-66150	Soil	0.19		0.05	0.45	3.1	<0.005	<10	22	<0.05	0.13	0.02
L43000-66100	Soil	0.04		0.09	1.32	1.1	<0.005	<10	39	0.51	0.04	0.06
L43000-66050	Soil	0.14		0.09	4.89	11.8	<0.005	<10	37	0.28	0.21	0.05

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CERTIFICATE OF ANALYSIS: YVR1610142B

Project Name: Pitman
 Job Received Date: 09-Nov-2016
 Job Report Date: 09-Dec-2016
 Report Version: Final

Sample ID	Sample Type	PWE-100 Rec. Wt. kg	Method Analyte Units	IMS-130 Ag ppm	IMS-130 Al %	IMS-130 As ppm	IMS-130 Au ppm	IMS-130 B ppm	IMS-130 Ba ppm	IMS-130 Be ppm	IMS-130 Bi ppm	IMS-130 Ca %
		0.01	LOR	0.01	0.01	0.1	0.005	10	10	0.05	0.01	0.01
L43000-66000	Soil	0.15		0.09	4.76	16.3	<0.005	<10	61	0.42	0.15	0.05
L43000-65950	Soil	0.20		0.03	3.16	17.4	<0.005	<10	68	0.52	0.15	0.17
L43000-65850	Soil	0.22		0.06	2.41	18.0	<0.005	<10	66	0.41	0.16	0.10
L43000-65800	Soil	0.09		0.12	3.14	19.9	<0.005	<10	40	0.21	0.19	0.05
L43000-65750	Soil	0.14		0.05	1.39	13.7	<0.005	<10	27	0.13	0.23	0.06
L43000-65700	Soil	0.16		0.07	2.52	14.9	<0.005	<10	50	0.28	0.25	0.07
L43000-65650	Soil	0.16		0.15	2.57	9.3	<0.005	<10	61	0.30	0.19	0.06
L43000-65600	Soil	0.13		0.14	2.42	7.7	<0.005	<10	60	0.30	0.24	0.08
L43000-65550	Soil	0.14		0.09	1.47	1.5	<0.005	<10	45	0.18	0.26	0.06
L43000-65500	Soil	0.15		0.19	2.09	2.6	<0.005	<10	48	0.35	0.88	0.06
L43000-65450	Soil	0.15		0.22	3.13	4.9	<0.005	<10	109	0.82	1.80	0.13
L43000-65400	Soil	0.15		0.14	3.05	4.5	<0.005	<10	107	0.73	0.92	0.09
L43000-65350	Soil	0.14		0.13	4.08	20.1	<0.005	<10	81	0.50	0.60	0.05
L43000-65300	Soil	0.19		0.07	3.24	12.3	<0.005	<10	106	0.60	0.76	0.09
L43000-65250	Soil	0.16		0.20	3.97	10.7	<0.005	<10	112	0.56	0.47	0.07
L43000-65200	Soil	0.18		0.09	3.38	6.1	<0.005	<10	119	0.85	4.31	0.06
L43000-65150	Soil	0.17		0.12	4.11	9.9	<0.005	<10	123	0.77	1.99	0.06
L43000-65100	Soil	0.14		0.08	2.50	8.7	<0.005	<10	440	0.86	2.21	0.13
L43000-65050	Soil	0.15		0.10	3.77	6.3	<0.005	<10	132	0.94	2.52	0.05
L43000-65000	Soil	0.18		0.28	4.78	8.3	<0.005	<10	100	0.82	1.67	0.05
L43000-64800	Soil	0.16		0.11	2.76	10.7	<0.005	<10	188	0.51	0.25	0.09
L43000-64700	Soil	0.14		0.26	3.06	8.9	<0.005	<10	179	0.82	0.42	0.10
L43000-64650	Soil	0.17		0.17	3.05	9.3	<0.005	<10	102	0.50	0.50	0.14
L43000-64600	Soil	0.15		0.09	2.29	1.4	<0.005	<10	182	0.46	0.72	0.12
L43000-64550	Soil	0.16		0.04	1.75	3.1	<0.005	<10	108	0.41	0.70	0.06

Please refer to the cover page for comments regarding this certificate.



An A2 Global Company

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 Phone: +1-604-888-0875

To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610142B

Project Name: Pitman
 Job Received Date: 09-Nov-2016
 Job Report Date: 09-Dec-2016
 Report Version: Final

Sample ID	Sample Type	PWE-100 Rec. Wt. kg	Method Analyte Units	IMS-130 Ag ppm	IMS-130 Al %	IMS-130 As ppm	IMS-130 Au ppm	IMS-130 B ppm	IMS-130 Ba ppm	IMS-130 Be ppm	IMS-130 Bi ppm	IMS-130 Ca %
		0.01	LOR	0.01	0.01	0.1	0.005	10	10	0.05	0.01	0.01
L43000-64500	Soil	0.08		0.38	1.49	1.5	<0.005	<10	233	0.71	2.04	0.29
L43000-64450	Soil	0.15		0.12	3.22	2.2	<0.005	<10	417	0.64	2.43	0.20
L43000-64400	Soil	0.18		0.20	2.48	1.5	<0.005	<10	218	0.63	2.56	0.17
L43000-64350	Soil	0.17		0.18	2.53	2.5	<0.005	<10	331	0.93	0.96	0.12
L43100-64750	Soil	0.12		0.29	3.89	11.6	<0.005	<10	116	0.57	0.20	0.07
L43100-64700	Soil	0.13		0.21	4.37	16.2	<0.005	<10	176	0.77	0.30	0.12
L43100-64650	Soil	0.19		0.13	3.82	6.1	<0.005	<10	204	0.97	3.25	0.07
L43100-64600	Soil	0.13		0.13	2.24	4.7	<0.005	<10	142	0.35	1.37	0.06
L42300-64900	Soil	0.08		0.22	1.24	8.0	<0.005	<10	78	0.23	28.72	0.05
L42300-64850	Soil	0.13		0.06	1.42	9.6	<0.005	<10	51	0.19	1.60	0.06
L42300-64800	Soil	0.12		0.28	1.37	1.5	<0.005	<10	31	0.46	1.01	0.02
L42300-64750	Soil	0.16		0.10	1.41	6.7	<0.005	<10	44	0.16	1.77	0.03
L42300-64700	Soil	0.12		0.11	3.54	8.4	<0.005	<10	50	0.68	0.70	0.03
L42300-64650	Soil	0.18		0.30	0.72	0.7	<0.005	<10	32	0.08	7.93	0.01
L42400-66700	Soil	0.18		0.05	0.77	6.5	<0.005	<10	22	0.05	0.31	0.03
L42400-66650	Soil	0.22		0.03	0.59	14.9	<0.005	<10	17	<0.05	0.14	0.01
L42400-66600	Soil	0.15		0.03	0.67	14.0	<0.005	<10	23	<0.05	0.18	0.05
L42400-66550	Soil	0.11		0.21	2.16	11.7	0.056	<10	29	0.13	0.18	0.04
L42400-66500	Soil	0.10		0.04	0.95	8.0	<0.005	<10	20	0.07	0.20	0.06
L42400-66450	Soil	0.13		0.02	0.37	1.5	<0.005	<10	12	<0.05	0.15	0.02
L42400-66400	Soil	0.12		0.06	3.05	18.2	<0.005	<10	24	0.18	0.26	0.03
L42400-66350	Soil	0.08		0.05	6.05	11.8	<0.005	11	62	3.00	0.13	0.10
L42400-66300	Soil	0.11		0.04	0.73	0.4	<0.005	<10	28	<0.05	0.07	0.06
L42400-66250	Soil	0.18		0.13	0.65	8.3	<0.005	<10	27	0.06	0.28	0.06
L42400-66200	Soil	0.12		0.77	0.89	2.1	0.010	<10	33	0.15	0.95	0.22

Please refer to the cover page for comments regarding this certificate.



An A2 Global Company

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To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610142B

Project Name: Pitman
 Job Received Date: 09-Nov-2016
 Job Report Date: 09-Dec-2016
 Report Version: Final

Sample ID	Sample Type	PWE-100 Rec. Wt. kg	Method Analyte Units	IMS-130 Ag ppm	IMS-130 Al %	IMS-130 As ppm	IMS-130 Au ppm	IMS-130 B ppm	IMS-130 Ba ppm	IMS-130 Be ppm	IMS-130 Bi ppm	IMS-130 Ca %
		0.01	LOR	0.01	0.01	0.1	0.005	10	10	0.05	0.01	0.01
L42400-66150	Soil	0.17		0.11	3.18	5.6	<0.005	<10	52	0.24	0.21	0.62
L42400-66100	Soil	0.06		0.18	0.58	1.3	<0.005	<10	65	0.06	0.27	0.38
L42400-66050	Soil	0.11		0.58	1.00	10.3	<0.005	<10	125	0.35	0.32	0.31
L42400-66000	Soil	0.06		1.72	2.01	12.2	<0.005	<10	107	0.79	0.15	0.60
L42400-65950	Soil	0.14		0.01	0.21	0.5	<0.005	<10	10	<0.05	0.05	0.03
L42400-65900	Soil	0.14		0.14	1.83	17.3	<0.005	<10	27	0.13	0.25	0.03
L42400-65850	Soil	0.05		0.28	0.51	3.3	<0.005	<10	132	0.29	0.04	0.48
L42400-65800	Soil	0.15		0.13	0.53	2.8	<0.005	<10	35	<0.05	0.30	0.02
L42400-64950	Soil	0.08		0.12	1.14	5.0	<0.005	<10	124	0.43	0.49	0.16
L42400-64900	Soil	0.12		0.08	1.16	8.7	<0.005	<10	110	0.11	1.86	0.04
L42400-64850	Soil	0.19		<0.01	2.36	13.9	<0.005	<10	143	0.45	4.30	0.07
L42400-64800	Soil	0.16		0.05	3.04	18.8	<0.005	<10	80	0.50	1.76	0.06
L42400-64750	Soil	0.12		0.61	2.80	13.7	<0.005	<10	51	0.37	4.70	0.05
L42400-64700	Soil	0.11		0.37	3.92	11.9	<0.005	<10	85	0.96	3.01	0.17
L42400-64650	Soil	0.18		0.12	2.90	24.2	<0.005	<10	87	0.42	1.42	0.09
L42400-64600	Soil	0.12		0.09	0.71	2.3	<0.005	<10	39	0.13	1.30	0.06
L42400-64550	Soil	0.19		0.14	3.57	12.2	<0.005	<10	71	0.33	0.97	0.04
L42500-66600	Soil	0.04		0.38	0.27	1.7	0.007	14	67	0.12	0.04	1.14
L42500-66550	Soil	0.16		0.04	1.72	22.9	<0.005	<10	71	0.26	0.16	0.27
L42500-66500	Soil	0.11		0.08	3.25	15.3	<0.005	<10	27	0.54	0.13	0.04
L42500-66450	Soil	0.07		0.12	3.53	314.0	<0.005	<10	41	1.05	0.14	0.83
L42500-66400	Soil	0.16		0.05	0.73	15.8	<0.005	<10	16	0.05	0.14	0.02
L42500-66350	Soil	0.10		0.11	0.63	2.3	<0.005	<10	30	<0.05	0.09	0.05
L42500-66300	Soil	0.09		0.29	1.96	4.8	<0.005	<10	34	0.18	0.25	0.06
L42500-66250	Soil	0.11		0.12	1.53	18.2	<0.005	<10	51	0.15	0.20	0.05

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To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
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V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610142B

Project Name: Pitman
 Job Received Date: 09-Nov-2016
 Job Report Date: 09-Dec-2016
 Report Version: Final

Sample ID	Sample Type	PWE-100 Rec. Wt. kg	Method Analyte Units	IMS-130 Ag ppm	IMS-130 Al %	IMS-130 As ppm	IMS-130 Au ppm	IMS-130 B ppm	IMS-130 Ba ppm	IMS-130 Be ppm	IMS-130 Bi ppm	IMS-130 Ca %
		0.01	LOR	0.01	0.01	0.1	0.005	10	10	0.05	0.01	0.01
L42500-66200	Soil	0.06		0.89	3.07	16.5	<0.005	<10	137	1.18	0.15	1.22
L42500-66150	Soil	0.12		0.10	0.70	3.0	<0.005	<10	27	<0.05	0.11	0.10
L42500-66100	Soil	0.11		0.08	1.38	1.5	<0.005	<10	54	0.13	0.10	0.42
L42500-66050	Soil	0.16		0.10	2.96	20.1	<0.005	<10	219	0.45	0.18	0.77
L43100-64550	Soil	0.17		0.19	3.38	15.2	<0.005	<10	72	0.48	0.12	0.06
L43100-64500	Soil	0.14		0.19	4.37	15.2	<0.005	<10	51	0.48	0.18	0.06
L43100-64450	Soil	0.15		0.12	2.37	14.4	<0.005	<10	46	0.23	0.23	0.05
L43100-64400	Soil	0.20		0.18	2.41	18.5	<0.005	<10	104	0.50	0.24	0.14
L43200-64700	Soil	0.19		0.10	2.85	10.7	<0.005	<10	83	0.46	0.23	0.10
L43200-64650	Soil	0.16		0.09	3.40	12.7	<0.005	<10	103	0.74	0.18	0.07
L43200-64600	Soil	0.19		0.10	3.12	15.1	<0.005	<10	95	0.50	0.15	0.06
L43200-64550	Soil	0.16		0.18	3.70	11.5	<0.005	<10	58	0.55	0.22	0.05
L43200-64500	Soil	0.18		0.07	4.20	14.9	<0.005	<10	66	0.63	0.15	0.05
L43200-64450	Soil	0.20		0.09	4.42	13.5	<0.005	<10	71	0.56	0.14	0.05
L43200-64400	Soil	0.19		0.10	4.25	26.4	<0.005	<10	93	0.86	0.22	0.09
L43300-64650	Soil	0.20		0.09	2.69	14.1	<0.005	<10	122	0.68	1.03	0.16
L43300-64600	Soil	0.10		0.09	3.07	12.5	<0.005	<10	95	0.64	0.13	0.06
L43300-64550	Soil	0.14		0.09	4.05	9.5	<0.005	<10	61	0.52	0.17	0.05
L43300-64500	Soil	0.13		0.14	4.51	18.1	<0.005	<10	59	0.53	0.16	0.05
L43300-64450	Soil	0.17		0.13	2.81	11.0	<0.005	<10	71	0.33	0.12	0.04
L43300-64400	Soil	0.18		0.19	3.74	16.4	<0.005	<10	72	0.43	0.25	0.06

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To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610142B

Project Name: Pitman
 Job Received Date: 09-Nov-2016
 Job Report Date: 09-Dec-2016
 Report Version: Final

Sample ID	Sample Type	PWE-100 Rec. Wt. kg	Method Analyte Units	IMS-130 Ag ppm	IMS-130 Al %	IMS-130 As ppm	IMS-130 Au ppm	IMS-130 B ppm	IMS-130 Ba ppm	IMS-130 Be ppm	IMS-130 Bi ppm	IMS-130 Ca %
		0.01	LOR	0.01	0.01	0.1	0.005	10	10	0.05	0.01	0.01
DUP L42900-66700				0.23	2.95	6.3	<0.005	<10	37	0.28	0.13	0.11
DUP L42300-65900				0.35	5.53	39.6	<0.005	<10	44	0.64	0.35	0.04
DUP L43000-65100				0.08	2.51	8.7	<0.005	<10	440	0.87	1.61	0.13
DUP L43100-64700				0.20	4.35	14.7	<0.005	<10	175	0.79	0.29	0.12
DUP L42500-66550				0.03	1.69	22.6	<0.005	<10	71	0.25	0.15	0.27
STD BLANK				<0.01	<0.01	<0.1	<0.005	<10	<10	<0.05	<0.01	<0.01
STD BLANK				<0.01	<0.01	<0.1	<0.005	<10	<10	<0.05	<0.01	<0.01
STD BLANK				<0.01	<0.01	<0.1	<0.005	<10	<10	<0.05	<0.01	<0.01
STD BLANK				<0.01	<0.01	<0.1	<0.005	<10	<10	<0.05	<0.01	<0.01
STD BLANK				<0.01	<0.01	<0.1	<0.005	<10	<10	<0.05	<0.01	<0.01
STD OREAS 24b				0.08	3.16	8.7	<0.005	<10	142	1.74	0.69	0.44
STD OREAS 904				0.37	1.27	92.3	0.017	15	67	6.11	3.68	0.04
STD OREAS 24b				0.08	3.24	8.3	<0.005	<10	145	1.81	0.67	0.46
STD GBM908-10				2.82	1.03	55.9	0.457	<10	103	0.29	1.19	0.79
STD OREAS 24b				0.08	3.23	8.5	<0.005	<10	151	1.66	0.68	0.46

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To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610142B

Project Name: Pitman
 Job Received Date: 09-Nov-2016
 Job Report Date: 09-Dec-2016
 Report Version: Final

Sample ID	IMS-130 Cd ppm	IMS-130 Ce ppm	IMS-130 Co ppm	IMS-130 Cr ppm	IMS-130 Cs ppm	IMS-130 Cu ppm	IMS-130 Fe %	IMS-130 Ga ppm	IMS-130 Ge ppm	IMS-130 Hf ppm	IMS-130 Hg ppm	IMS-130 In ppm	IMS-130 K %
L42900-64400	0.05	26.86	1.0	3	0.62	5.4	0.65	4.59	0.10	0.02	0.02	0.006	0.04
L42900-64350	0.20	42.51	9.4	22	1.32	20.7	4.63	9.15	0.17	0.03	0.05	0.079	0.05
L42900-66700	0.38	10.60	4.5	17	0.56	23.8	3.87	8.38	0.14	<0.02	0.29	0.046	0.03
L42900-66650	0.37	9.26	2.2	14	0.26	9.3	4.16	10.33	0.15	0.02	0.22	0.035	0.03
L42900-66600	0.04	5.33	0.5	3	0.20	1.0	2.79	2.02	0.09	<0.02	<0.01	0.007	<0.01
L42900-66550	0.10	9.59	2.7	7	1.19	10.5	4.35	10.01	0.12	0.03	0.07	0.035	0.03
L42900-66500	0.18	14.07	4.4	18	1.04	12.5	3.68	7.87	0.13	0.04	0.11	0.045	0.02
L42900-66450	0.27	10.76	1.0	8	0.41	9.3	2.39	7.61	0.10	<0.02	0.13	0.024	0.02
L42900-66400	0.13	8.83	3.6	28	1.12	12.9	7.89	9.37	0.14	0.11	0.22	0.074	0.03
L42900-66350	0.02	10.75	1.4	90	0.30	1.0	3.84	2.12	0.08	<0.02	0.01	0.006	0.02
L42900-66300	0.11	10.80	4.3	27	2.52	14.9	5.96	11.00	0.12	0.19	0.10	0.063	0.03
L42900-66250	0.10	9.60	3.9	38	2.36	19.6	5.25	6.30	0.13	0.33	0.43	0.087	0.03
L42900-66200	0.03	11.56	2.0	8	0.44	2.8	3.11	8.64	0.10	<0.02	0.04	0.022	0.02
L42900-66150	0.04	10.19	1.1	8	0.36	5.1	2.01	8.26	0.08	<0.02	0.02	0.012	0.02
L42900-66100	0.07	7.85	1.9	22	0.98	5.9	5.74	14.46	0.11	<0.02	0.09	0.041	0.02
L42100-65000	0.13	11.16	1.5	11	2.36	3.3	0.70	4.39	0.08	<0.02	0.01	0.012	0.05
L42100-64950	0.27	10.29	3.0	17	0.97	7.7	5.04	12.11	0.11	0.03	0.02	0.037	0.05
L42100-64900	0.23	9.67	1.4	12	0.51	4.8	3.70	12.26	0.11	<0.02	0.03	0.022	0.03
L42100-64850	0.20	12.04	3.8	21	1.13	11.2	4.69	8.84	0.13	0.07	0.12	0.059	0.03
L42200-66700	0.15	18.09	4.3	17	0.74	26.1	5.22	7.93	0.12	0.03	0.06	0.043	0.03
L42200-66650	0.33	8.46	1.5	3	0.06	8.6	4.57	0.56	0.25	0.03	0.14	0.005	0.02
L42200-66600	0.30	17.83	22.7	25	3.74	11.5	4.80	14.89	0.13	0.02	0.03	0.087	0.06
L42200-66500	0.12	3.09	0.7	2	0.09	9.1	0.23	0.81	0.11	0.03	0.08	0.010	0.03
L42200-66450	0.17	9.00	2.0	21	1.18	21.2	5.75	5.99	0.17	0.11	0.27	0.079	0.02
L42200-66400	0.07	4.60	0.4	2	0.55	3.3	0.43	2.48	0.10	<0.02	0.08	0.010	0.03

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To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS:	YVR1610142B
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Project Name: Pitman
 Job Received Date: 09-Nov-2016
 Job Report Date: 09-Dec-2016
 Report Version: Final

Sample ID	IMS-130 Cd ppm	IMS-130 Ce ppm	IMS-130 Co ppm	IMS-130 Cr ppm	IMS-130 Cs ppm	IMS-130 Cu ppm	IMS-130 Fe %	IMS-130 Ga ppm	IMS-130 Ge ppm	IMS-130 Hf ppm	IMS-130 Hg ppm	IMS-130 In ppm	IMS-130 K %
L42200-66350	0.13	13.38	2.6	14	3.23	25.3	1.87	8.40	0.13	<0.02	0.03	0.033	0.04
L42200-66300	0.09	8.91	0.3	2	0.64	3.9	0.34	2.40	0.09	<0.02	0.03	0.008	0.02
L42200-66250	0.24	11.77	2.0	8	1.30	6.0	1.85	7.51	0.11	<0.02	0.02	0.018	0.02
L42200-66200	0.14	5.97	0.7	2	0.24	3.0	1.08	3.37	0.07	<0.02	0.03	0.005	0.02
L42200-66150	0.45	11.86	5.1	19	1.32	17.3	4.61	8.48	0.13	<0.02	0.13	0.047	0.03
L42200-66100	1.76	40.72	13.5	11	2.58	44.9	5.42	6.05	0.17	0.02	0.08	0.068	0.12
L42200-66050	0.13	8.17	1.7	15	0.30	10.1	5.29	16.58	0.12	<0.02	0.14	0.036	0.02
L42200-66000	0.19	4.58	0.5	4	0.07	15.1	0.12	0.80	0.10	0.03	0.26	0.013	0.01
L42200-65950	0.07	9.56	2.4	24	0.49	20.0	7.51	6.97	0.12	0.09	0.15	0.078	0.01
L42200-65900	0.05	16.64	3.7	16	1.48	14.0	4.29	8.56	0.13	<0.02	0.08	0.041	0.02
L42200-65850	0.10	25.86	13.9	23	1.69	28.1	3.74	7.10	0.16	0.07	0.05	0.043	0.04
L42200-65800	0.07	12.05	7.6	24	1.59	16.7	4.54	10.40	0.14	<0.02	0.16	0.055	0.03
L42200-65750	0.08	10.76	2.5	15	0.44	14.9	5.37	15.26	0.12	<0.02	0.09	0.038	0.03
L42200-64950	0.16	15.45	4.9	12	0.87	7.7	3.15	10.97	0.11	<0.02	0.04	0.021	0.04
L42200-64900	0.16	11.39	1.6	4	0.74	2.6	2.80	18.11	0.11	0.03	0.06	0.034	0.04
L42200-64850	0.27	21.27	5.0	11	1.86	6.1	2.30	9.01	0.13	<0.02	0.02	0.032	0.03
L42200-64800	0.03	15.41	1.1	3	1.12	5.1	1.72	7.58	0.10	<0.02	0.02	0.024	0.05
L42300-66700	0.09	13.69	2.5	10	1.44	6.6	1.76	13.55	0.11	<0.02	0.04	0.026	0.04
L42300-66650	0.04	9.44	0.8	3	0.55	4.1	0.36	4.07	0.05	<0.02	0.01	<0.005	0.03
L42300-66600	0.07	9.98	2.4	7	1.09	3.7	2.35	9.53	0.11	<0.02	0.02	0.021	0.02
L42300-66550	0.05	10.18	1.0	5	0.42	4.8	1.89	6.90	0.09	<0.02	0.01	0.013	0.02
L42300-66500	0.03	12.44	0.8	4	0.55	3.7	1.02	8.56	0.08	<0.02	<0.01	0.008	0.02
L42300-66450	0.05	9.72	3.0	14	0.98	9.1	3.63	11.51	0.12	<0.02	0.14	0.045	0.03
L42300-66400	0.02	11.75	0.1	3	1.11	2.0	0.18	7.71	0.06	<0.02	0.03	0.006	0.02
L42300-66350	0.17	10.81	6.7	18	2.76	42.2	5.94	12.34	0.16	0.18	0.16	0.096	0.04

Please refer to the cover page for comments regarding this certificate.



An A2 Global Company

MS Analytical
 Unit 1, 20120 102nd Avenue
 Langley, BC V1M 4B4
 Phone: +1-604-888-0875

To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS:	YVR1610142B
---------------------------------	--------------------

Project Name: Pitman
 Job Received Date: 09-Nov-2016
 Job Report Date: 09-Dec-2016
 Report Version: Final

Sample ID	IMS-130 Cd ppm	IMS-130 Ce ppm	IMS-130 Co ppm	IMS-130 Cr ppm	IMS-130 Cs ppm	IMS-130 Cu ppm	IMS-130 Fe %	IMS-130 Ga ppm	IMS-130 Ge ppm	IMS-130 Hf ppm	IMS-130 Hg ppm	IMS-130 In ppm	IMS-130 K %
L42300-66300	0.11	10.17	4.1	30	2.76	19.6	6.89	13.92	0.13	0.40	0.19	0.081	0.03
L42300-66250	0.17	10.05	4.0	14	3.42	36.9	3.33	12.35	0.14	0.03	0.05	0.031	0.06
L42300-66200	0.62	9.23	10.0	17	4.18	169.7	5.14	11.21	0.20	0.03	0.08	0.066	0.06
L42300-66150	0.14	10.43	5.0	27	2.68	59.1	4.09	11.39	0.13	0.27	0.16	0.052	0.04
L42300-66100	0.22	8.92	11.4	106	3.74	7.2	4.99	14.87	0.17	0.12	0.17	0.041	0.03
L42300-66050	0.24	17.91	13.8	64	4.13	9.3	4.22	12.26	0.15	0.07	0.09	0.041	0.05
L42300-66000	0.04	10.34	1.7	42	0.33	2.1	2.24	3.69	0.08	<0.02	0.02	0.006	0.02
L42300-65950	0.09	9.70	1.9	12	0.22	10.7	5.84	14.44	0.11	<0.02	0.04	0.028	0.02
L42300-65900	0.25	13.54	4.1	41	1.02	28.4	11.24	15.82	0.18	0.41	0.28	0.112	0.03
L42300-65000	0.09	12.42	3.8	15	0.79	12.2	4.06	9.63	0.11	<0.02	0.14	0.038	0.03
L42300-64950	0.06	8.01	1.4	2	0.26	6.9	1.20	11.68	0.09	<0.02	0.10	0.018	0.04
L43000-66700	0.15	21.47	9.6	19	1.44	22.4	4.50	9.81	0.16	0.10	0.08	0.045	0.10
L43000-66650	0.14	15.16	3.4	11	0.69	15.5	4.46	9.99	0.13	<0.02	0.06	0.036	0.03
L43000-66600	0.02	20.36	1.6	38	0.27	1.0	3.27	6.30	0.11	<0.02	<0.01	0.008	0.02
L43000-66550	0.26	12.25	5.6	28	0.39	9.0	1.84	5.48	0.11	<0.02	0.04	0.011	0.02
L43000-66500	0.05	15.75	2.8	50	0.16	3.8	2.28	6.05	0.09	<0.02	<0.01	0.008	0.01
L43000-66450	0.10	6.80	14.0	90	1.89	7.0	8.24	9.85	0.13	0.08	0.12	0.089	0.03
L43000-66400	0.12	12.53	6.4	57	2.13	27.6	6.33	11.88	0.14	0.22	0.16	0.070	0.02
L43000-66350	0.08	9.73	2.8	31	1.07	2.0	2.10	8.05	0.11	0.07	0.07	0.021	0.02
L43000-66300	0.09	11.09	1.0	5	0.41	6.0	1.02	4.27	0.08	<0.02	0.01	0.005	0.02
L43000-66250	0.20	9.28	3.1	15	0.82	15.7	4.81	11.92	0.14	0.04	0.21	0.026	0.04
L43000-66200	0.13	8.58	4.5	48	1.64	7.1	6.25	13.06	0.12	0.03	0.08	0.037	0.03
L43000-66150	0.06	11.71	1.0	5	0.64	4.3	1.26	5.20	0.06	<0.02	0.03	0.009	0.02
L43000-66100	0.08	14.45	0.4	3	0.08	12.3	0.14	0.97	0.08	0.02	0.26	0.012	0.01
L43000-66050	0.11	7.91	3.1	25	1.61	7.3	6.29	11.46	0.11	0.15	0.38	0.071	0.03

Please refer to the cover page for comments regarding this certificate.



An A2 Global Company

MS Analytical
 Unit 1, 20120 102nd Avenue
 Langley, BC V1M 4B4
 Phone: +1-604-888-0875

To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS:	YVR1610142B
---------------------------------	--------------------

Project Name: Pitman
 Job Received Date: 09-Nov-2016
 Job Report Date: 09-Dec-2016
 Report Version: Final

Sample ID	IMS-130 Cd ppm	IMS-130 Ce ppm	IMS-130 Co ppm	IMS-130 Cr ppm	IMS-130 Cs ppm	IMS-130 Cu ppm	IMS-130 Fe %	IMS-130 Ga ppm	IMS-130 Ge ppm	IMS-130 Hf ppm	IMS-130 Hg ppm	IMS-130 In ppm	IMS-130 K %
L43000-66000	0.13	13.98	7.2	28	3.31	19.6	4.18	6.96	0.09	0.16	0.27	0.053	0.04
L43000-65950	0.06	16.28	9.3	19	2.16	19.1	3.43	7.82	0.09	<0.02	0.09	0.037	0.05
L43000-65850	0.07	20.62	8.2	20	2.15	20.2	3.71	6.83	0.09	<0.02	0.06	0.044	0.04
L43000-65800	0.20	11.13	3.4	28	1.15	13.3	7.54	10.86	0.12	0.07	0.18	0.096	0.03
L43000-65750	0.05	9.06	2.0	14	1.48	6.7	4.30	9.03	0.09	<0.02	0.09	0.027	0.03
L43000-65700	0.06	8.32	3.1	16	1.76	8.9	6.16	13.00	0.10	0.04	0.06	0.047	0.03
L43000-65650	0.10	10.33	2.9	17	1.68	10.6	4.19	8.47	0.09	0.08	0.07	0.035	0.03
L43000-65600	0.10	10.01	3.1	14	2.25	10.8	3.82	8.72	0.08	0.07	0.06	0.036	0.04
L43000-65550	0.05	12.37	1.2	5	1.04	3.0	2.10	7.93	0.08	<0.02	0.04	0.018	0.03
L43000-65500	0.07	17.54	2.5	8	1.26	7.1	3.08	9.83	0.09	0.03	0.05	0.045	0.04
L43000-65450	0.12	20.14	14.3	13	5.91	41.3	6.91	13.60	0.15	0.03	0.05	0.104	0.09
L43000-65400	0.17	16.35	8.6	17	2.33	27.7	5.91	11.30	0.13	0.05	0.08	0.091	0.05
L43000-65350	0.12	12.24	4.4	23	1.24	12.0	7.21	14.23	0.13	0.13	0.10	0.069	0.04
L43000-65300	0.13	22.70	11.0	21	1.62	25.8	4.18	6.73	0.10	0.10	0.05	0.046	0.04
L43000-65250	0.15	13.15	6.7	24	1.76	12.2	4.66	8.00	0.10	0.09	0.12	0.055	0.04
L43000-65200	0.12	31.59	5.8	14	1.93	15.4	3.62	7.99	0.12	0.09	0.07	0.045	0.05
L43000-65150	0.11	17.14	10.6	28	1.68	22.0	4.08	8.37	0.12	0.09	0.08	0.050	0.05
L43000-65100	0.14	40.35	10.9	22	1.74	28.8	3.51	5.70	0.12	<0.02	0.04	0.037	0.11
L43000-65050	0.09	22.63	8.3	23	1.53	18.6	3.55	7.24	0.10	0.05	0.08	0.037	0.06
L43000-65000	0.18	19.07	6.6	25	1.89	17.2	4.58	7.82	0.11	0.09	0.15	0.054	0.05
L43000-64800	0.11	19.31	14.5	30	1.67	37.8	4.16	7.02	0.11	0.03	0.08	0.044	0.06
L43000-64700	0.17	25.95	9.6	27	1.65	55.6	4.88	8.28	0.12	0.03	0.07	0.048	0.05
L43000-64650	0.14	18.71	10.4	30	2.06	37.3	4.37	7.54	0.11	0.03	0.08	0.041	0.07
L43000-64600	0.13	13.63	6.6	6	1.24	18.2	4.10	12.20	0.10	<0.02	0.03	0.059	0.05
L43000-64550	0.16	57.53	5.1	11	0.72	15.7	3.13	9.40	0.14	<0.02	0.03	0.054	0.04

Please refer to the cover page for comments regarding this certificate.



An A2 Global Company

MS Analytical
 Unit 1, 20120 102nd Avenue
 Langley, BC V1M 4B4
 Phone: +1-604-888-0875

To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610142B

Project Name: Pitman
 Job Received Date: 09-Nov-2016
 Job Report Date: 09-Dec-2016
 Report Version: Final

Sample ID	IMS-130 Cd ppm	IMS-130 Ce ppm	IMS-130 Co ppm	IMS-130 Cr ppm	IMS-130 Cs ppm	IMS-130 Cu ppm	IMS-130 Fe %	IMS-130 Ga ppm	IMS-130 Ge ppm	IMS-130 Hf ppm	IMS-130 Hg ppm	IMS-130 In ppm	IMS-130 K %
L43000-64500	0.45	29.61	4.4	7	0.73	95.4	2.02	7.03	0.10	0.02	0.07	0.021	0.12
L43000-64450	0.25	33.14	9.5	15	1.52	42.6	3.82	12.38	0.12	0.02	0.05	0.049	0.09
L43000-64400	0.13	31.61	3.0	5	0.73	18.1	2.51	10.41	0.12	0.02	0.05	0.025	0.09
L43000-64350	0.65	27.01	9.2	20	1.69	32.8	3.79	9.14	0.12	<0.02	0.05	0.041	0.05
L43100-64750	0.19	13.90	13.3	37	2.27	32.1	4.74	7.72	0.14	0.04	0.19	0.056	0.07
L43100-64700	0.15	20.61	12.9	31	1.67	27.1	5.03	8.48	0.14	0.12	0.09	0.060	0.05
L43100-64650	0.14	41.61	9.0	21	1.67	23.1	3.88	11.20	0.13	0.08	0.07	0.066	0.08
L43100-64600	0.14	23.94	5.0	14	1.14	34.1	3.79	10.68	0.11	<0.02	0.02	0.036	0.05
L42300-64900	0.27	14.52	5.8	11	0.81	18.8	3.12	9.38	0.08	<0.02	0.18	0.035	0.03
L42300-64850	0.10	12.53	3.2	14	1.04	11.0	2.04	6.44	0.08	<0.02	0.11	0.025	0.04
L42300-64800	0.25	9.12	5.9	8	0.89	36.0	5.36	8.63	0.10	<0.02	0.05	0.071	0.04
L42300-64750	0.14	9.69	2.0	11	1.31	6.8	3.84	10.41	0.09	<0.02	0.08	0.028	0.03
L42300-64700	0.11	18.36	4.4	13	2.71	12.2	5.29	12.39	0.13	0.06	0.07	0.072	0.05
L42300-64650	0.06	6.31	1.1	3	0.37	25.3	2.20	4.68	0.07	<0.02	0.02	0.045	0.02
L42400-66700	0.06	10.22	0.4	5	1.70	4.2	0.42	10.80	0.06	<0.02	0.04	0.018	0.03
L42400-66650	0.06	11.54	1.4	5	0.76	7.0	0.98	6.52	0.05	<0.02	0.03	0.011	0.02
L42400-66600	0.12	10.20	1.2	7	0.44	7.4	1.54	8.67	0.07	<0.02	0.10	0.014	0.03
L42400-66550	0.13	9.71	2.4	15	0.68	8.3	4.07	9.23	0.11	0.03	0.20	0.047	0.03
L42400-66500	0.09	9.26	1.5	7	0.31	8.1	3.63	14.85	0.10	<0.02	0.07	0.025	0.03
L42400-66450	0.04	9.53	0.7	4	0.62	2.2	0.58	3.60	0.06	<0.02	0.01	0.005	0.01
L42400-66400	0.08	9.44	2.4	24	2.05	14.8	9.66	20.08	0.15	0.13	0.17	0.104	0.03
L42400-66350	0.50	54.16	103.3	27	1.68	35.0	7.34	9.00	0.16	0.08	0.18	0.079	0.02
L42400-66300	0.10	8.79	0.8	3	1.22	4.9	0.48	6.10	<0.05	<0.02	0.03	0.011	0.05
L42400-66250	0.35	9.73	3.0	34	1.26	20.8	2.56	7.23	0.07	<0.02	0.03	0.016	0.03
L42400-66200	0.27	8.00	2.6	7	0.87	30.8	1.85	8.36	0.08	<0.02	0.08	0.016	0.02

Please refer to the cover page for comments regarding this certificate.



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To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
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V6C 1T2

CERTIFICATE OF ANALYSIS:	YVR1610142B
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Project Name: Pitman
 Job Received Date: 09-Nov-2016
 Job Report Date: 09-Dec-2016
 Report Version: Final

Sample ID	IMS-130 Cd ppm	IMS-130 Ce ppm	IMS-130 Co ppm	IMS-130 Cr ppm	IMS-130 Cs ppm	IMS-130 Cu ppm	IMS-130 Fe %	IMS-130 Ga ppm	IMS-130 Ge ppm	IMS-130 Hf ppm	IMS-130 Hg ppm	IMS-130 In ppm	IMS-130 K %
L42400-66150	0.17	5.05	16.9	126	2.67	1.6	4.48	9.63	0.13	<0.02	0.10	0.017	0.05
L42400-66100	0.10	3.68	2.8	36	0.99	10.2	1.16	2.41	0.08	<0.02	0.13	0.008	0.03
L42400-66050	0.89	15.10	9.6	27	3.35	36.5	2.88	8.00	0.09	<0.02	0.04	0.024	0.04
L42400-66000	0.75	22.34	11.1	27	2.38	38.3	2.31	5.31	0.12	<0.02	0.19	0.034	0.04
L42400-65950	0.03	11.53	0.8	14	0.30	0.6	2.63	2.81	0.07	<0.02	<0.01	0.006	0.02
L42400-65900	0.09	9.26	2.9	21	0.69	11.2	6.18	11.07	0.10	0.02	0.09	0.047	0.02
L42400-65850	0.56	5.63	1.4	2	0.10	9.6	0.38	0.56	0.15	0.02	0.19	0.005	0.02
L42400-65800	0.15	9.70	0.7	6	0.55	6.1	0.56	8.27	<0.05	<0.02	0.02	0.007	0.02
L42400-64950	0.19	12.97	4.9	6	0.38	7.8	1.42	4.11	0.08	<0.02	0.05	0.013	0.02
L42400-64900	0.22	12.59	1.9	12	0.40	6.3	3.29	9.05	0.09	<0.02	0.10	0.021	0.02
L42400-64850	0.08	23.02	8.7	19	1.35	36.3	3.31	6.09	0.11	0.03	0.03	0.036	0.07
L42400-64800	0.21	18.29	6.7	20	1.57	21.2	4.81	7.50	0.11	0.07	0.12	0.047	0.06
L42400-64750	0.53	14.30	8.3	20	1.43	325.8	3.84	7.21	0.10	0.04	0.27	0.059	0.04
L42400-64700	0.61	23.51	15.3	25	4.06	46.5	7.11	12.71	0.15	0.04	0.12	0.182	0.07
L42400-64650	0.44	11.79	6.8	28	1.64	35.1	7.60	9.91	0.10	0.07	0.04	0.079	0.04
L42400-64600	0.30	9.01	1.4	7	0.56	18.6	2.22	6.56	<0.05	0.14	0.03	0.027	0.03
L42400-64550	0.15	12.39	6.2	29	1.89	24.3	4.04	12.94	0.11	0.15	0.09	0.068	0.04
L42500-66600	0.57	3.05	0.5	1	0.09	6.9	0.15	0.42	0.14	0.28	0.12	<0.005	0.03
L42500-66550	0.08	12.26	6.4	16	1.52	12.5	4.49	7.80	0.08	<0.02	0.02	0.033	0.05
L42500-66500	0.09	11.84	3.7	21	0.95	10.9	6.68	11.45	0.09	0.04	0.13	0.061	0.03
L42500-66450	0.35	23.61	12.6	25	0.81	8.7	16.87	6.82	0.16	0.03	0.10	0.057	0.02
L42500-66400	0.08	7.50	1.3	8	0.38	6.3	3.04	7.88	<0.05	<0.02	0.03	0.018	0.02
L42500-66350	0.09	5.27	1.6	3	0.35	2.3	1.82	7.07	0.07	0.02	0.07	0.009	0.03
L42500-66300	0.22	7.34	1.8	15	0.72	29.0	4.67	14.32	0.08	0.02	0.16	0.045	0.02
L42500-66250	0.25	8.47	3.4	17	0.99	14.4	6.40	10.98	0.08	0.02	0.10	0.046	0.03

Please refer to the cover page for comments regarding this certificate.



An A2 Global Company

MS Analytical
 Unit 1, 20120 102nd Avenue
 Langley, BC V1M 4B4
 Phone: +1-604-888-0875

To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610142B

Project Name: Pitman
 Job Received Date: 09-Nov-2016
 Job Report Date: 09-Dec-2016
 Report Version: Final

Sample ID	IMS-130 Cd ppm	IMS-130 Ce ppm	IMS-130 Co ppm	IMS-130 Cr ppm	IMS-130 Cs ppm	IMS-130 Cu ppm	IMS-130 Fe %	IMS-130 Ga ppm	IMS-130 Ge ppm	IMS-130 Hf ppm	IMS-130 Hg ppm	IMS-130 In ppm	IMS-130 K %
L42500-66200	1.97	23.82	12.2	13	3.73	79.7	2.73	6.20	0.11	0.02	0.25	0.033	0.04
L42500-66150	0.09	7.67	1.5	27	0.19	2.6	1.20	5.40	<0.05	<0.02	0.02	0.006	0.02
L42500-66100	0.32	9.45	5.5	15	0.66	8.3	2.19	6.57	0.08	<0.02	0.09	0.014	0.03
L42500-66050	0.21	21.26	18.7	28	3.11	26.0	4.13	9.96	0.14	0.02	0.08	0.064	0.09
L43100-64550	0.22	15.77	12.6	29	1.10	27.1	4.10	6.28	0.08	0.16	0.07	0.048	0.04
L43100-64500	0.22	8.29	5.7	35	1.04	12.7	5.70	10.04	0.07	0.18	0.09	0.074	0.04
L43100-64450	0.08	8.41	3.0	28	0.76	8.0	5.67	11.87	0.05	0.06	0.03	0.044	0.04
L43100-64400	0.17	12.10	7.7	25	1.23	26.2	3.93	8.86	0.09	<0.02	0.06	0.044	0.04
L43200-64700	0.14	16.62	11.4	26	1.33	25.5	3.47	7.04	0.07	0.05	0.07	0.036	0.05
L43200-64650	0.15	21.19	9.4	29	1.26	25.3	4.00	6.61	0.06	0.05	0.09	0.040	0.04
L43200-64600	0.16	13.09	10.0	31	1.33	21.0	4.50	7.82	0.08	0.07	0.08	0.049	0.04
L43200-64550	0.18	10.61	8.2	26	1.44	12.0	3.70	10.32	0.07	0.08	0.12	0.056	0.03
L43200-64500	0.12	11.57	10.6	33	1.81	23.4	4.59	7.68	0.07	0.09	0.05	0.050	0.04
L43200-64450	0.08	9.35	7.7	35	1.51	19.0	4.37	7.32	0.06	0.20	0.02	0.046	0.04
L43200-64400	0.31	15.17	17.0	35	2.07	40.3	4.48	7.71	0.10	0.15	0.06	0.057	0.04
L43300-64650	0.22	36.96	13.9	25	2.48	38.8	3.82	6.29	0.09	0.05	0.10	0.037	0.06
L43300-64600	0.16	13.28	9.4	26	1.16	26.4	3.41	6.28	0.06	0.05	0.06	0.036	0.04
L43300-64550	0.11	9.32	5.6	30	1.21	9.1	4.32	9.19	0.07	0.06	0.06	0.047	0.03
L43300-64500	0.12	14.52	10.0	33	2.12	22.3	4.22	8.80	0.08	0.15	0.08	0.063	0.04
L43300-64450	0.10	16.13	9.3	27	1.05	24.5	3.81	6.65	0.06	0.08	0.03	0.036	0.03
L43300-64400	0.13	8.97	9.7	34	1.40	30.1	4.85	6.40	0.07	0.09	0.08	0.048	0.04

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An A2 Global Company

MS Analytical
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 Phone: +1-604-888-0875

To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610142B

Project Name: Pitman
 Job Received Date: 09-Nov-2016
 Job Report Date: 09-Dec-2016
 Report Version: Final

Sample ID	IMS-130 Cd ppm	IMS-130 Ce ppm	IMS-130 Co ppm	IMS-130 Cr ppm	IMS-130 Cs ppm	IMS-130 Cu ppm	IMS-130 Fe %	IMS-130 Ga ppm	IMS-130 Ge ppm	IMS-130 Hf ppm	IMS-130 Hg ppm	IMS-130 In ppm	IMS-130 K %
DUP L42900-66700	0.38	10.50	4.2	16	0.56	24.2	3.95	8.01	0.11	<0.02	0.30	0.044	0.03
DUP L42300-65900	0.23	13.35	4.2	39	1.06	28.3	11.10	16.12	0.18	0.39	0.30	0.105	0.03
DUP L43000-65100	0.14	46.07	11.0	22	1.84	29.0	3.53	5.75	0.15	<0.02	0.05	0.033	0.11
DUP L43100-64700	0.15	20.04	12.3	31	1.56	26.4	5.01	7.92	0.12	0.10	0.09	0.061	0.05
DUP L42500-66550	0.08	12.22	6.1	16	1.52	12.3	4.44	7.44	0.07	<0.02	0.01	0.031	0.05
STD BLANK	<0.01	<0.02	<0.1	<1	<0.05	<0.2	<0.01	<0.05	<0.05	<0.02	<0.01	<0.005	<0.01
STD BLANK	<0.01	<0.02	<0.1	<1	<0.05	<0.2	<0.01	<0.05	<0.05	<0.02	<0.01	<0.005	<0.01
STD BLANK	<0.01	<0.02	<0.1	<1	<0.05	<0.2	<0.01	<0.05	<0.05	<0.02	<0.01	<0.005	<0.01
STD BLANK	<0.01	<0.02	<0.1	<1	<0.05	<0.2	<0.01	0.05	<0.05	<0.02	<0.01	<0.005	<0.01
STD BLANK	<0.01	<0.02	<0.1	<1	<0.05	<0.2	<0.01	<0.05	<0.05	<0.02	<0.01	<0.005	<0.01
STD OREAS 24b	0.05	69.71	16.2	100	9.43	36.7	3.92	10.86	0.37	0.55	<0.01	0.051	1.15
STD OREAS 904	0.06	70.87	81.6	18	0.61	6188.4	6.21	3.31	0.21	0.58	0.05	0.174	0.64
STD OREAS 24b	0.06	65.47	16.4	101	9.20	36.1	4.02	11.26	0.32	0.55	<0.01	0.049	1.18
STD GBM908-10	1.84	74.93	12.6	24	0.70	3540.2	2.76	4.03	0.16	0.54	0.02	0.024	0.43
STD OREAS 24b	0.06	62.32	16.0	104	9.22	36.7	3.92	11.04	0.25	0.56	<0.01	0.047	1.19

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To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS:	YVR1610142B
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Project Name: Pitman
 Job Received Date: 09-Nov-2016
 Job Report Date: 09-Dec-2016
 Report Version: Final

Sample ID	IMS-130 La ppm	IMS-130 Li ppm	IMS-130 Mg %	IMS-130 Mn ppm	IMS-130 Mo ppm	IMS-130 Na %	IMS-130 Nb ppm	IMS-130 Ni ppm	IMS-130 P ppm	IMS-130 Pb ppm	IMS-130 Rb ppm	IMS-130 Re ppm	IMS-130 S %
L42900-64400	12.7	0.1	0.03	92	1.00	0.02	0.24	0.8	165	3.6	13.9	<0.001	0.01
L42900-64350	7.7	23.7	0.50	552	2.32	0.02	2.31	20.0	1246	8.5	19.1	<0.001	0.02
L42900-66700	4.7	5.7	0.17	952	1.13	0.01	2.82	5.8	829	7.8	2.9	<0.001	0.07
L42900-66650	4.7	3.1	0.15	125	4.17	0.02	1.49	7.3	591	8.9	1.6	<0.001	0.08
L42900-66600	2.4	<0.1	<0.01	50	0.08	<0.01	0.26	0.5	59	1.7	0.7	<0.001	<0.01
L42900-66550	3.9	7.9	0.15	143	1.30	0.01	1.09	2.6	423	6.4	6.7	<0.001	0.03
L42900-66500	5.5	12.0	0.26	215	1.15	0.01	3.57	8.0	448	7.4	4.6	<0.001	0.04
L42900-66450	5.0	2.4	0.03	69	1.06	0.01	1.87	2.5	394	8.9	2.6	<0.001	0.03
L42900-66400	4.0	11.6	0.22	414	1.33	0.01	4.10	6.6	668	14.1	5.4	<0.001	0.05
L42900-66350	4.8	0.6	0.06	99	0.06	<0.01	0.39	2.3	87	1.6	1.4	<0.001	<0.01
L42900-66300	4.5	21.4	0.28	246	1.53	0.01	3.28	8.9	1860	9.8	7.5	<0.001	0.06
L42900-66250	3.3	15.2	0.28	218	1.08	0.01	2.32	8.3	1053	11.7	5.0	<0.001	0.11
L42900-66200	4.9	2.1	0.27	365	0.70	<0.01	1.47	1.4	320	3.5	1.9	<0.001	0.01
L42900-66150	4.7	0.2	0.04	55	2.26	0.01	0.78	1.4	228	2.2	1.9	<0.001	<0.01
L42900-66100	3.5	3.5	0.12	105	1.27	<0.01	3.30	3.2	520	5.6	3.9	<0.001	0.02
L42100-65000	4.9	1.9	0.13	81	7.70	0.01	0.28	2.9	247	4.0	16.3	<0.001	0.01
L42100-64950	4.6	10.1	0.22	181	120.96	0.01	1.78	6.2	1006	5.8	10.0	<0.001	0.02
L42100-64900	4.4	1.7	0.06	119	152.34	0.01	3.76	2.6	902	6.8	8.1	<0.001	0.02
L42100-64850	4.5	18.7	0.24	165	41.47	0.02	3.11	8.7	1371	8.7	10.0	<0.001	0.04
L42200-66700	7.0	6.7	0.26	208	2.56	0.01	1.01	8.1	570	7.3	6.3	<0.001	0.02
L42200-66650	4.4	<0.1	0.02	122	1.77	0.01	0.25	3.0	564	3.1	0.7	<0.001	0.18
L42200-66600	7.2	22.3	0.46	1106	6.90	0.02	4.50	12.0	379	19.1	12.9	0.001	0.02
L42200-66500	1.7	<0.1	0.02	40	0.85	0.01	0.24	2.5	1238	3.9	0.8	<0.001	0.23
L42200-66450	4.2	7.6	0.16	98	3.45	0.01	1.78	5.1	900	9.9	3.5	<0.001	0.07
L42200-66400	2.2	0.1	0.07	34	0.58	0.02	0.32	0.7	365	4.4	1.9	<0.001	0.04

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 Unit 1, 20120 102nd Avenue
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To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610142B

Project Name: Pitman
 Job Received Date: 09-Nov-2016
 Job Report Date: 09-Dec-2016
 Report Version: Final

Sample ID	IMS-130 La ppm	IMS-130 Li ppm	IMS-130 Mg %	IMS-130 Mn ppm	IMS-130 Mo ppm	IMS-130 Na %	IMS-130 Nb ppm	IMS-130 Ni ppm	IMS-130 P ppm	IMS-130 Pb ppm	IMS-130 Rb ppm	IMS-130 Re ppm	IMS-130 S %
L42200-66350	6.2	8.0	0.38	171	5.03	0.01	3.17	4.5	215	14.9	5.8	<0.001	0.02
L42200-66300	4.2	<0.1	0.03	95	2.09	0.02	0.46	0.6	127	3.5	2.1	<0.001	0.01
L42200-66250	5.4	7.5	0.08	93	40.20	0.01	4.34	2.6	150	7.4	5.3	<0.001	0.01
L42200-66200	2.4	0.6	0.07	84	1.24	0.01	0.24	0.7	145	1.6	1.5	<0.001	0.02
L42200-66150	4.3	13.7	0.24	269	8.75	0.01	2.64	7.8	425	8.5	6.8	<0.001	0.04
L42200-66100	12.8	14.1	0.49	2815	6.55	0.02	0.39	12.0	1300	14.0	11.2	0.002	0.05
L42200-66050	3.7	0.9	0.07	93	2.79	0.01	3.58	4.3	291	7.3	1.6	<0.001	0.04
L42200-66000	2.3	<0.1	0.01	11	0.67	0.02	0.48	2.3	594	2.2	0.4	<0.001	0.30
L42200-65950	3.8	7.7	0.15	119	1.47	0.01	1.28	5.3	279	12.1	2.9	<0.001	0.04
L42200-65900	6.1	8.9	0.29	231	4.21	0.01	1.89	7.7	340	7.8	4.4	<0.001	0.02
L42200-65850	8.4	23.7	0.73	466	16.04	0.01	1.14	29.5	245	7.9	8.0	<0.001	0.01
L42200-65800	5.7	15.0	0.57	293	3.48	0.01	2.07	17.3	474	7.6	5.4	<0.001	0.04
L42200-65750	4.2	1.8	0.06	94	2.86	0.01	3.55	3.8	326	5.2	2.3	<0.001	0.03
L42200-64950	7.2	7.4	0.15	182	28.44	0.01	6.05	5.5	438	10.6	8.3	<0.001	0.02
L42200-64900	3.2	9.2	0.14	75	10.41	0.01	2.02	1.9	449	6.0	11.1	<0.001	0.02
L42200-64850	13.8	12.4	0.12	1196	77.79	0.02	3.30	4.9	475	7.8	12.8	<0.001	0.02
L42200-64800	6.9	2.7	0.08	49	12.09	<0.01	0.77	0.9	326	4.9	11.8	<0.001	<0.01
L42300-66700	6.4	6.6	0.26	206	2.56	0.01	1.96	5.5	268	13.2	7.3	<0.001	0.02
L42300-66650	4.5	0.3	0.02	30	0.90	0.01	0.44	1.7	116	3.2	2.0	<0.001	<0.01
L42300-66600	4.7	4.6	0.18	93	2.77	0.01	1.61	3.7	186	9.0	4.1	<0.001	0.02
L42300-66550	4.7	0.5	0.02	74	1.66	0.01	1.95	1.3	162	2.9	1.6	<0.001	<0.01
L42300-66500	5.7	0.4	0.02	48	1.25	0.01	4.30	1.0	136	3.8	1.6	<0.001	<0.01
L42300-66450	4.7	7.1	0.21	140	1.84	0.01	4.26	5.9	367	9.5	3.6	<0.001	0.04
L42300-66400	5.5	0.5	0.02	15	2.39	0.01	1.31	0.3	138	6.6	2.3	<0.001	0.01
L42300-66350	4.7	17.0	0.39	434	4.52	0.02	4.74	6.0	1169	13.1	6.7	<0.001	0.09

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To: Terracad Geoscience Services Ltd.
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610142B

Project Name: Pitman
Job Received Date: 09-Nov-2016
Job Report Date: 09-Dec-2016
Report Version: Final

Table with 14 columns (Sample ID, IMS-130 La, IMS-130 Li, IMS-130 Mg, IMS-130 Mn, IMS-130 Mo, IMS-130 Na, IMS-130 Nb, IMS-130 Ni, IMS-130 P, IMS-130 Pb, IMS-130 Rb, IMS-130 Re, IMS-130 S) and 25 rows of data.

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CERTIFICATE OF ANALYSIS: YVR1610142B

Project Name: Pitman
Job Received Date: 09-Nov-2016
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Table with 14 columns: Sample ID, IMS-130 La ppm, IMS-130 Li ppm, IMS-130 Mg %, IMS-130 Mn ppm, IMS-130 Mo ppm, IMS-130 Na %, IMS-130 Nb ppm, IMS-130 Ni ppm, IMS-130 P ppm, IMS-130 Pb ppm, IMS-130 Rb ppm, IMS-130 Re ppm, IMS-130 S %.

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	0.2	0.1	0.01	5	0.05	0.01	0.05	0.2	10	0.2	0.1	0.001	0.01
L42500-66200	14.5	14.3	0.19	7267	84.14	0.02	0.47	12.7	1943	8.0	7.5	0.017	0.14
L42500-66150	3.6	1.3	0.11	63	3.02	0.01	0.46	2.8	106	3.0	1.7	<0.001	0.01
L42500-66100	4.1	6.0	0.33	162	2.45	0.02	0.19	5.5	438	4.7	4.4	<0.001	0.04
L42500-66050	8.3	21.4	0.91	1473	3.61	0.02	0.88	25.6	618	10.1	9.3	<0.001	0.02
L43100-64550	4.7	19.7	0.57	338	10.98	0.01	0.87	32.2	668	8.9	11.9	<0.001	0.02
L43100-64500	3.5	16.6	0.36	356	3.11	0.01	1.97	15.8	>10000	12.6	8.3	<0.001	0.04
L43100-64450	3.5	5.4	0.24	194	1.44	0.01	1.72	8.8	8739	14.8	5.7	<0.001	0.02
L43100-64400	5.4	22.0	0.36	233	13.21	0.01	0.53	18.5	782	8.7	12.3	<0.001	0.02
L43200-64700	4.7	17.4	0.55	565	3.87	0.02	0.76	25.5	1442	8.5	11.5	<0.001	0.02
L43200-64650	4.3	14.7	0.49	340	2.43	0.01	1.34	23.7	863	8.0	10.6	<0.001	0.02
L43200-64600	4.7	20.8	0.47	572	1.81	0.01	0.72	27.1	2193	9.3	12.7	<0.001	0.01
L43200-64550	5.0	26.1	0.19	564	1.76	0.01	1.44	12.9	3808	8.8	10.5	<0.001	0.03
L43200-64500	4.4	22.4	0.50	386	1.42	0.01	1.20	26.4	2099	8.9	13.6	<0.001	0.02
L43200-64450	3.4	19.4	0.53	349	1.36	0.01	1.60	24.0	1294	8.5	13.0	<0.001	0.01
L43200-64400	4.9	27.3	0.59	419	1.69	0.01	1.19	29.2	1740	11.2	15.2	<0.001	0.02
L43300-64650	8.7	16.1	0.66	695	2.63	0.02	0.97	24.7	1550	10.8	9.7	<0.001	0.01
L43300-64600	4.0	17.4	0.37	380	1.06	0.01	0.62	24.8	1484	7.4	10.6	<0.001	0.02
L43300-64550	4.1	19.9	0.20	265	1.15	0.01	1.40	11.7	2202	8.9	8.2	<0.001	0.04
L43300-64500	4.7	28.0	0.41	397	1.65	0.01	1.25	23.1	3200	12.6	12.1	<0.001	0.06
L43300-64450	4.2	14.1	0.52	289	0.87	0.01	0.46	23.3	734	8.2	9.6	<0.001	0.02
L43300-64400	3.8	20.2	0.59	361	5.24	0.01	0.48	24.3	1271	10.5	9.1	<0.001	0.03

Please refer to the cover page for comments regarding this certificate.



An A2 Global Company

MS Analytical
 Unit 1, 20120 102nd Avenue
 Langley, BC V1M 4B4
 Phone: +1-604-888-0875

To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS:	YVR1610142B
---------------------------------	--------------------

Project Name: Pitman
 Job Received Date: 09-Nov-2016
 Job Report Date: 09-Dec-2016
 Report Version: Final

Sample ID	IMS-130 La ppm	IMS-130 Li ppm	IMS-130 Mg %	IMS-130 Mn ppm	IMS-130 Mo ppm	IMS-130 Na %	IMS-130 Nb ppm	IMS-130 Ni ppm	IMS-130 P ppm	IMS-130 Pb ppm	IMS-130 Rb ppm	IMS-130 Re ppm	IMS-130 S %
Sample ID	0.2	0.1	0.01	5	0.05	0.01	0.05	0.2	10	0.2	0.1	0.001	0.01
DUP L42900-66700	4.7	4.9	0.17	925	1.01	0.01	2.76	5.5	841	7.8	2.8	<0.001	0.07
DUP L42300-65900	5.3	11.8	0.21	150	6.09	0.01	5.01	5.5	568	15.7	4.7	<0.001	0.07
DUP L43000-65100	19.0	13.8	0.58	483	23.23	0.02	0.47	22.4	530	15.6	14.6	<0.001	0.01
DUP L43100-64700	8.1	26.1	0.51	261	18.53	0.02	1.50	33.0	649	11.7	13.7	<0.001	0.03
DUP L42500-66550	5.3	9.9	0.42	494	6.93	0.02	0.49	8.8	430	9.9	9.7	<0.001	0.02
STD BLANK	<0.2	<0.1	<0.01	<5	<0.05	<0.01	<0.05	<0.2	<10	<0.2	<0.1	<0.001	<0.01
STD BLANK	<0.2	<0.1	<0.01	<5	<0.05	<0.01	<0.05	<0.2	<10	<0.2	<0.1	<0.001	<0.01
STD BLANK	<0.2	<0.1	<0.01	<5	<0.05	<0.01	<0.05	<0.2	<10	<0.2	<0.1	<0.001	<0.01
STD BLANK	<0.2	<0.1	<0.01	<5	<0.05	<0.01	<0.05	<0.2	<10	<0.2	<0.1	<0.001	<0.01
STD BLANK	<0.2	<0.1	<0.01	<5	<0.05	<0.01	<0.05	<0.2	<10	<0.2	<0.1	<0.001	<0.01
STD OREAS 24b	32.3	48.0	1.37	348	3.97	0.11	0.36	60.0	622	10.0	115.7	<0.001	0.19
STD OREAS 904	33.4	3.4	0.15	401	2.09	0.01	0.07	35.2	935	8.3	23.5	<0.001	0.04
STD OREAS 24b	31.5	48.5	1.42	352	4.09	0.11	0.41	59.8	623	9.0	112.1	<0.001	0.19
STD GBM908-10	37.1	5.2	0.56	302	65.10	0.15	0.38	2217.2	833	2020.8	26.0	0.001	0.37
STD OREAS 24b	31.4	47.9	1.42	356	3.90	0.11	0.36	57.8	615	9.3	119.5	0.001	0.19

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To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS:	YVR1610142B
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Project Name: Pitman
 Job Received Date: 09-Nov-2016
 Job Report Date: 09-Dec-2016
 Report Version: Final

Sample ID	IMS-130 Sb ppm	IMS-130 Sc ppm	IMS-130 Se ppm	IMS-130 Sn ppm	IMS-130 Sr ppm	IMS-130 Ta ppm	IMS-130 Te ppm	IMS-130 Th ppm	IMS-130 Ti %	IMS-130 Tl ppm	IMS-130 U ppm	IMS-130 V ppm	IMS-130 W ppm
L42900-64400	<0.05	0.7	0.3	0.4	10.4	<0.01	0.03	1.2	0.019	0.08	0.23	18	0.37
L42900-64350	0.30	5.0	0.5	0.8	14.5	0.01	0.09	1.5	0.055	0.12	0.30	69	0.41
L42900-66700	0.42	2.3	1.4	0.7	16.9	0.10	0.13	0.3	0.113	0.05	0.48	55	0.36
L42900-66650	0.22	2.2	1.4	0.7	11.6	0.02	0.09	<0.2	0.232	0.02	0.55	78	0.34
L42900-66600	0.37	1.7	0.3	0.6	5.9	<0.01	0.02	0.5	0.114	<0.02	0.21	50	0.11
L42900-66550	0.52	2.6	0.8	0.6	4.8	<0.01	0.18	1.0	0.036	0.06	0.22	68	0.32
L42900-66500	0.62	3.7	0.9	0.8	4.7	0.07	0.13	0.7	0.058	0.06	0.40	61	0.34
L42900-66450	0.36	1.2	0.8	0.7	3.5	0.01	0.11	<0.2	0.059	0.04	0.42	60	0.25
L42900-66400	0.81	3.7	1.1	0.8	4.2	0.06	0.13	1.9	0.089	0.06	0.40	68	0.42
L42900-66350	0.17	4.8	0.3	0.5	2.9	<0.01	0.04	0.7	0.122	0.03	0.18	35	0.09
L42900-66300	0.70	4.8	0.8	0.7	7.5	0.03	0.09	2.1	0.071	0.07	0.39	82	0.34
L42900-66250	0.65	8.3	1.3	0.5	4.0	0.02	0.27	3.0	0.063	0.04	0.64	49	0.28
L42900-66200	0.50	3.1	0.5	1.1	8.6	<0.01	0.09	0.6	0.174	0.04	0.15	84	0.28
L42900-66150	0.53	1.5	0.3	0.5	4.3	<0.01	0.06	0.6	0.060	0.05	0.25	74	0.22
L42900-66100	0.91	2.1	0.6	1.0	9.1	0.02	0.09	0.8	0.131	0.06	0.20	104	0.33
L42100-65000	<0.05	0.7	0.3	0.4	6.6	<0.01	0.03	<0.2	0.033	0.11	0.30	18	0.42
L42100-64950	0.36	2.7	0.4	0.7	9.1	<0.01	0.06	1.7	0.071	0.07	0.45	82	0.87
L42100-64900	0.44	1.4	0.4	1.2	6.0	0.01	0.06	0.8	0.089	0.09	0.30	88	0.90
L42100-64850	0.47	3.2	1.0	0.7	5.6	0.06	0.10	2.6	0.048	0.09	0.44	66	0.98
L42200-66700	1.07	4.5	0.7	0.5	4.4	0.02	0.08	1.2	0.070	0.08	0.32	77	0.37
L42200-66650	0.19	1.1	1.7	<0.2	15.1	0.04	0.05	0.4	0.007	<0.02	0.10	10	0.21
L42200-66600	0.30	3.4	0.6	1.7	24.2	0.01	0.05	0.5	0.169	0.17	0.47	116	0.31
L42200-66500	<0.05	0.3	1.7	<0.2	7.7	0.04	0.03	<0.2	0.008	<0.02	0.08	6	0.17
L42200-66450	0.64	4.5	1.9	0.6	3.1	0.05	0.18	1.5	0.051	0.05	0.56	49	0.28
L42200-66400	<0.05	0.8	0.7	0.5	6.0	0.01	0.02	<0.2	0.069	0.02	0.21	14	0.27

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An A2 Global Company

MS Analytical
 Unit 1, 20120 102nd Avenue
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 Phone: +1-604-888-0875

To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS:	YVR1610142B
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Project Name: Pitman
 Job Received Date: 09-Nov-2016
 Job Report Date: 09-Dec-2016
 Report Version: Final

Sample ID	IMS-130 Sb ppm	IMS-130 Sc ppm	IMS-130 Se ppm	IMS-130 Sn ppm	IMS-130 Sr ppm	IMS-130 Ta ppm	IMS-130 Te ppm	IMS-130 Th ppm	IMS-130 Ti %	IMS-130 Tl ppm	IMS-130 U ppm	IMS-130 V ppm	IMS-130 W ppm
L42200-66350	0.08	3.2	0.6	1.4	5.3	<0.01	0.03	<0.2	0.184	0.07	0.34	46	0.28
L42200-66300	<0.05	1.1	0.3	0.6	4.1	<0.01	0.02	<0.2	0.100	0.04	0.10	14	0.28
L42200-66250	0.22	1.9	0.4	1.2	10.0	0.01	0.05	0.6	0.057	0.07	0.19	54	0.57
L42200-66200	0.10	1.8	0.4	0.6	5.5	<0.01	0.02	<0.2	0.047	0.03	0.09	25	0.49
L42200-66150	0.63	3.8	0.9	0.7	5.9	0.06	0.11	0.7	0.096	0.07	0.43	69	0.58
L42200-66100	0.77	6.1	1.3	0.4	35.8	0.01	0.18	0.7	0.027	0.18	0.87	53	0.56
L42200-66050	0.89	2.1	0.9	1.0	4.6	0.01	0.14	0.5	0.154	0.04	0.30	135	0.35
L42200-66000	0.11	1.9	2.1	<0.2	6.1	0.06	0.08	<0.2	0.011	0.06	0.45	3	0.13
L42200-65950	0.97	3.2	0.9	0.4	3.4	0.02	0.11	1.7	0.047	0.04	0.32	58	0.31
L42200-65900	0.86	2.8	0.9	0.7	4.8	0.01	0.10	<0.2	0.067	0.08	0.49	64	0.47
L42200-65850	1.18	5.1	0.8	0.4	11.7	<0.01	0.07	1.1	0.037	0.09	0.42	49	0.51
L42200-65800	0.85	3.4	1.7	0.5	8.0	<0.01	0.11	0.2	0.053	0.06	0.74	54	0.90
L42200-65750	1.38	2.1	1.2	0.7	6.1	0.01	0.09	0.6	0.069	0.05	0.23	96	1.39
L42200-64950	0.30	2.1	0.7	1.2	8.7	<0.01	0.10	1.0	0.071	0.08	0.37	68	0.63
L42200-64900	<0.05	1.2	0.8	0.6	7.1	<0.01	0.11	3.3	0.013	0.09	0.81	57	0.52
L42200-64850	0.12	1.4	0.9	1.1	21.8	<0.01	0.13	0.3	0.055	0.12	1.92	49	0.45
L42200-64800	<0.05	1.1	0.4	0.4	3.5	<0.01	0.07	1.4	0.009	0.14	0.29	31	0.40
L42300-66700	0.71	2.0	0.7	0.9	6.4	<0.01	0.05	<0.2	0.070	0.10	0.25	42	0.21
L42300-66650	0.11	0.5	0.4	0.5	3.3	<0.01	0.03	<0.2	0.026	0.05	0.12	15	0.09
L42300-66600	0.29	0.8	0.7	0.8	6.7	<0.01	0.03	<0.2	0.040	0.08	0.24	49	0.15
L42300-66550	0.57	1.0	0.4	0.7	3.4	<0.01	0.03	0.4	0.067	0.05	0.10	68	0.24
L42300-66500	0.52	0.9	0.4	0.9	3.4	<0.01	0.04	0.4	0.096	0.05	0.12	68	0.18
L42300-66450	0.88	2.5	1.2	0.8	5.4	0.02	0.07	0.5	0.101	0.06	0.28	64	0.28
L42300-66400	0.23	0.5	0.5	0.7	3.8	<0.01	0.02	<0.2	0.045	0.05	0.11	14	0.12
L42300-66350	0.22	10.0	1.6	0.7	7.4	<0.01	0.10	1.5	0.127	0.08	0.42	82	0.40

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MS Analytical
 Unit 1, 20120 102nd Avenue
 Langley, BC V1M 4B4
 Phone: +1-604-888-0875

To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610142B

Project Name: Pitman
 Job Received Date: 09-Nov-2016
 Job Report Date: 09-Dec-2016
 Report Version: Final

Sample ID	IMS-130 Sb ppm	IMS-130 Sc ppm	IMS-130 Se ppm	IMS-130 Sn ppm	IMS-130 Sr ppm	IMS-130 Ta ppm	IMS-130 Te ppm	IMS-130 Th ppm	IMS-130 Ti %	IMS-130 Tl ppm	IMS-130 U ppm	IMS-130 V ppm	IMS-130 W ppm
L42300-66300	0.90	4.0	1.4	1.4	4.7	0.04	0.12	2.4	0.075	0.09	0.29	93	0.46
L42300-66250	0.21	4.5	1.1	0.9	19.8	<0.01	0.47	0.6	0.218	0.11	0.24	72	0.88
L42300-66200	0.38	7.0	2.0	0.6	28.4	0.01	0.66	0.6	0.165	0.13	0.43	83	3.37
L42300-66150	0.49	5.3	1.4	0.6	9.5	0.02	0.28	2.8	0.097	0.08	0.88	63	2.41
L42300-66100	0.39	9.8	2.5	0.6	17.4	0.02	0.27	1.0	0.149	0.10	0.29	78	4.41
L42300-66050	0.39	7.4	1.5	0.8	18.0	0.03	0.35	1.2	0.144	0.12	0.35	64	1.95
L42300-66000	0.21	2.2	0.5	0.7	4.9	<0.01	0.16	0.6	0.082	0.03	0.15	56	0.31
L42300-65950	0.71	1.5	0.9	0.7	8.0	<0.01	0.20	0.9	0.101	0.05	0.23	110	0.49
L42300-65900	0.83	7.4	2.6	0.8	6.1	0.02	0.26	3.7	0.124	0.07	0.49	101	0.93
L42300-65000	0.47	2.4	1.2	0.6	5.1	<0.01	0.20	1.1	0.035	0.07	0.52	63	0.92
L42300-64950	<0.05	0.4	0.9	0.6	5.3	<0.01	0.18	0.7	<0.005	0.08	1.30	25	1.46
L43000-66700	0.52	6.5	1.0	0.6	8.1	0.01	0.15	1.5	0.080	0.09	0.47	72	0.28
L43000-66650	0.71	2.8	1.2	0.6	8.9	<0.01	0.14	0.3	0.081	0.06	0.35	71	0.31
L43000-66600	<0.05	4.4	0.3	0.3	3.3	<0.01	0.06	0.8	0.034	0.06	0.24	34	0.12
L43000-66550	0.57	2.8	1.0	0.5	6.0	<0.01	0.06	0.2	0.046	0.03	0.22	64	0.17
L43000-66500	0.47	2.0	0.5	0.8	3.4	<0.01	0.06	0.5	0.070	0.02	0.15	118	0.12
L43000-66450	0.37	12.0	1.1	0.5	3.6	0.01	0.10	1.3	0.016	0.11	0.31	148	0.26
L43000-66400	0.63	7.1	1.4	0.9	6.7	0.03	0.16	1.6	0.112	0.06	0.52	109	0.42
L43000-66350	0.07	2.8	1.0	0.5	7.0	<0.01	0.09	2.5	0.024	0.08	1.52	45	0.22
L43000-66300	0.25	0.7	0.4	1.3	3.8	<0.01	0.05	0.4	0.052	0.06	0.16	42	0.22
L43000-66250	0.54	2.6	1.6	1.1	6.7	0.02	0.08	0.6	0.168	0.05	0.44	104	0.38
L43000-66200	1.02	5.1	0.9	0.9	41.2	0.01	0.66	0.7	0.262	0.08	0.22	147	1.12
L43000-66150	0.45	1.1	0.4	0.7	4.5	<0.01	0.31	0.4	0.052	0.04	0.13	49	0.27
L43000-66100	0.23	0.2	2.9	<0.2	11.2	0.04	0.20	<0.2	0.006	<0.02	0.30	3	0.13
L43000-66050	0.64	4.8	1.6	0.7	12.5	0.05	0.17	2.0	0.109	0.05	0.38	74	0.41

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Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS:	YVR1610142B
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Project Name: Pitman
 Job Received Date: 09-Nov-2016
 Job Report Date: 09-Dec-2016
 Report Version: Final

Sample ID	IMS-130 Sb ppm	IMS-130 Sc ppm	IMS-130 Se ppm	IMS-130 Sn ppm	IMS-130 Sr ppm	IMS-130 Ta ppm	IMS-130 Te ppm	IMS-130 Th ppm	IMS-130 Ti %	IMS-130 Tl ppm	IMS-130 U ppm	IMS-130 V ppm	IMS-130 W ppm
L43000-66000	0.80	7.6	1.6	0.6	9.8	0.05	0.13	2.0	0.064	0.06	0.49	52	0.39
L43000-65950	0.86	3.7	1.3	0.5	28.2	0.03	0.13	0.4	0.073	0.06	0.41	47	0.47
L43000-65850	1.01	3.4	1.0	0.5	11.7	0.02	0.13	0.3	0.055	0.06	0.47	54	0.34
L43000-65800	0.84	4.9	2.0	0.6	10.1	0.10	0.18	1.6	0.117	0.05	0.57	83	0.45
L43000-65750	0.73	2.4	1.0	0.7	7.0	<0.01	0.12	0.8	0.067	0.08	0.20	82	0.52
L43000-65700	0.89	3.6	0.9	0.7	9.0	0.02	0.40	1.1	0.100	0.10	0.24	98	0.65
L43000-65650	0.62	3.3	0.8	0.7	7.8	0.03	0.23	1.1	0.059	0.08	0.24	78	0.53
L43000-65600	0.44	2.9	0.8	0.7	8.2	0.04	0.16	1.3	0.060	0.09	0.22	65	1.22
L43000-65550	0.12	2.3	0.5	0.6	5.4	<0.01	0.13	1.2	0.027	0.09	0.19	46	0.53
L43000-65500	0.20	3.5	0.6	0.8	6.6	0.01	0.11	1.8	0.049	0.11	0.30	55	3.70
L43000-65450	0.46	11.2	0.8	0.7	5.4	<0.01	0.15	2.0	0.233	0.24	0.46	157	5.53
L43000-65400	0.43	8.1	0.8	0.9	6.8	0.02	0.12	1.6	0.132	0.15	0.33	106	1.17
L43000-65350	0.74	4.7	1.1	1.1	6.6	0.05	0.11	2.3	0.145	0.10	0.40	120	0.71
L43000-65300	0.68	4.5	0.7	0.6	9.6	0.04	0.09	2.1	0.071	0.08	0.41	59	0.88
L43000-65250	0.49	4.1	1.1	0.6	8.3	0.04	0.12	2.0	0.072	0.09	0.51	72	0.46
L43000-65200	0.32	2.6	0.8	0.7	8.6	0.04	0.13	4.7	0.023	0.13	0.70	51	0.42
L43000-65150	0.47	4.7	1.0	0.6	8.7	0.03	0.11	3.2	0.048	0.13	0.88	65	0.48
L43000-65100	0.47	4.9	0.8	0.4	15.3	<0.01	0.08	3.5	0.028	0.12	1.66	51	0.25
L43000-65050	0.27	3.5	0.9	0.5	8.9	0.02	0.12	4.0	0.019	0.15	0.83	54	0.31
L43000-65000	0.36	5.7	1.6	0.6	6.5	0.03	0.14	3.3	0.055	0.13	0.73	67	2.23
L43000-64800	0.63	6.9	0.8	0.5	12.3	<0.01	0.12	1.8	0.049	0.12	0.85	64	0.30
L43000-64700	0.50	5.0	0.9	0.7	11.7	0.02	0.13	1.7	0.087	0.09	0.97	75	0.40
L43000-64650	0.42	6.2	0.9	0.6	12.2	0.01	0.12	1.5	0.102	0.14	0.63	74	0.36
L43000-64600	0.13	5.4	0.4	0.8	13.4	<0.01	0.06	1.7	0.032	0.14	0.49	73	0.28
L43000-64550	0.18	5.4	0.7	0.7	10.4	<0.01	0.08	2.2	0.026	0.12	0.84	46	0.41

Please refer to the cover page for comments regarding this certificate.



An A2 Global Company

MS Analytical
 Unit 1, 20120 102nd Avenue
 Langley, BC V1M 4B4
 Phone: +1-604-888-0875

To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS:	YVR1610142B
---------------------------------	--------------------

Project Name: Pitman
 Job Received Date: 09-Nov-2016
 Job Report Date: 09-Dec-2016
 Report Version: Final

Sample ID	IMS-130 Sb ppm	IMS-130 Sc ppm	IMS-130 Se ppm	IMS-130 Sn ppm	IMS-130 Sr ppm	IMS-130 Ta ppm	IMS-130 Te ppm	IMS-130 Th ppm	IMS-130 Ti %	IMS-130 Tl ppm	IMS-130 U ppm	IMS-130 V ppm	IMS-130 W ppm
L43000-64500	0.09	1.5	0.9	0.4	31.5	<0.01	0.12	11.8	0.005	0.11	3.30	31	0.46
L43000-64450	0.13	5.2	0.8	0.7	21.3	<0.01	0.15	2.3	0.019	0.15	0.74	87	1.23
L43000-64400	0.10	2.5	0.6	0.5	19.6	<0.01	0.12	5.1	<0.005	0.18	0.99	52	0.32
L43000-64350	0.17	2.8	0.8	0.6	16.2	<0.01	0.10	0.6	0.052	0.13	0.99	86	0.60
L43100-64750	0.59	6.3	1.4	0.5	9.6	<0.01	0.14	1.8	0.037	0.15	0.48	69	0.29
L43100-64700	0.53	6.1	1.4	0.6	14.7	0.01	0.07	2.1	0.046	0.11	0.61	67	0.51
L43100-64650	0.17	5.0	0.9	0.7	10.0	<0.01	0.16	3.8	0.028	0.22	0.55	60	0.44
L43100-64600	0.20	3.3	0.6	0.7	8.1	<0.01	0.11	2.6	0.029	0.18	0.68	74	0.39
L42300-64900	0.26	0.8	1.4	0.8	6.0	<0.01	0.18	0.3	0.052	0.13	0.76	53	0.57
L42300-64850	0.66	2.2	1.0	0.6	6.5	0.02	0.13	0.5	0.031	0.09	0.32	37	0.42
L42300-64800	<0.05	9.9	0.9	0.5	1.8	<0.01	0.11	1.9	<0.005	0.20	1.46	109	0.70
L42300-64750	0.31	1.9	1.0	0.8	5.9	0.03	0.10	1.0	0.078	0.09	0.26	64	0.46
L42300-64700	0.29	4.1	1.3	0.7	4.2	0.02	0.12	2.9	0.020	0.22	0.53	83	0.65
L42300-64650	<0.05	0.9	0.5	0.7	1.2	<0.01	0.54	1.6	0.008	0.05	0.26	31	0.88
L42400-66700	0.36	1.1	0.8	1.6	3.9	0.01	0.23	<0.2	0.160	0.08	0.29	35	0.32
L42400-66650	0.86	1.1	0.6	0.6	3.2	<0.01	0.08	<0.2	0.036	0.20	0.18	47	0.20
L42400-66600	0.74	1.3	1.1	0.7	4.4	<0.01	0.09	<0.2	0.051	0.21	0.23	56	0.27
L42400-66550	0.47	2.4	1.8	0.9	4.1	0.06	0.15	0.7	0.062	0.10	0.35	60	0.39
L42400-66500	0.46	2.4	1.2	1.0	5.7	<0.01	0.09	0.3	0.125	0.08	0.23	95	0.30
L42400-66450	0.26	0.7	0.5	0.7	3.7	<0.01	0.03	<0.2	0.103	0.05	0.13	27	0.11
L42400-66400	0.85	4.3	1.3	1.3	3.8	0.12	0.17	1.9	0.241	0.11	0.37	122	0.52
L42400-66350	0.65	5.3	4.2	0.6	6.4	0.15	0.29	0.5	0.063	0.35	1.35	79	0.36
L42400-66300	0.15	0.8	0.8	0.4	8.6	<0.01	0.02	0.2	0.036	0.11	0.11	15	0.16
L42400-66250	0.74	2.2	0.8	1.2	7.2	0.02	0.05	<0.2	0.106	0.06	0.29	74	0.43
L42400-66200	0.24	1.7	1.2	0.9	16.8	0.01	0.70	0.2	0.125	0.06	0.39	56	1.34

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 Phone: +1-604-888-0875

To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS:	YVR1610142B
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Project Name: Pitman
 Job Received Date: 09-Nov-2016
 Job Report Date: 09-Dec-2016
 Report Version: Final

Sample ID	IMS-130 Sb ppm	IMS-130 Sc ppm	IMS-130 Se ppm	IMS-130 Sn ppm	IMS-130 Sr ppm	IMS-130 Ta ppm	IMS-130 Te ppm	IMS-130 Th ppm	IMS-130 Ti %	IMS-130 Tl ppm	IMS-130 U ppm	IMS-130 V ppm	IMS-130 W ppm
L42400-66150	0.77	8.7	1.6	0.4	100.7	0.03	0.36	0.3	0.162	0.10	0.14	115	14.68
L42400-66100	0.06	1.1	1.8	0.3	45.6	<0.01	0.24	<0.2	0.052	0.07	0.18	18	37.40
L42400-66050	0.48	1.8	1.3	1.2	24.3	0.01	0.24	<0.2	0.137	0.10	0.79	62	1.28
L42400-66000	0.74	1.0	4.1	0.4	39.6	0.02	0.26	<0.2	0.019	0.19	3.05	34	4.18
L42400-65950	0.06	3.0	0.5	0.5	4.9	<0.01	0.11	0.8	0.092	0.04	0.16	40	0.31
L42400-65900	0.90	2.5	1.1	0.8	4.5	0.02	0.16	1.1	0.069	0.06	0.24	80	0.48
L42400-65850	0.09	1.1	2.4	<0.2	117.3	0.04	0.07	<0.2	0.008	0.02	0.15	5	0.26
L42400-65800	0.31	0.9	0.7	1.4	4.9	0.01	0.05	0.2	0.077	0.06	0.11	40	0.49
L42400-64950	0.40	0.9	1.3	0.4	27.9	0.01	0.09	<0.2	0.023	0.06	2.47	34	0.50
L42400-64900	0.31	1.8	1.3	0.8	7.0	0.01	0.10	0.4	0.080	0.06	1.37	65	0.73
L42400-64850	0.97	5.8	0.4	0.3	9.0	<0.01	0.12	2.2	0.026	0.10	0.54	43	0.28
L42400-64800	0.90	4.2	1.2	0.4	6.5	0.03	0.17	1.8	0.047	0.08	0.80	55	0.62
L42400-64750	0.52	3.2	2.1	0.7	5.5	0.09	0.27	0.9	0.060	0.11	1.63	55	0.46
L42400-64700	0.49	10.3	2.0	0.9	12.1	0.03	0.25	1.8	0.199	0.22	1.07	167	8.84
L42400-64650	1.02	4.4	0.6	0.7	13.1	0.01	0.21	1.5	0.079	0.10	0.32	94	0.91
L42400-64600	0.16	1.5	0.4	1.0	8.5	0.07	0.42	1.1	0.047	0.06	0.28	60	0.83
L42400-64550	0.70	3.0	0.7	1.1	6.0	<0.01	0.08	2.1	0.109	0.14	0.39	98	0.32
L42500-66600	0.08	0.8	1.8	0.5	80.0	0.26	0.43	0.3	<0.005	<0.02	0.34	3	0.20
L42500-66550	1.09	2.5	0.6	0.5	22.2	<0.01	0.11	0.3	0.058	0.12	0.57	70	0.10
L42500-66500	0.38	5.2	1.2	0.5	4.0	0.05	0.15	1.5	0.093	0.05	0.45	73	0.17
L42500-66450	0.53	2.7	1.7	0.5	19.2	0.17	0.23	0.5	0.126	0.06	0.81	115	0.12
L42500-66400	0.55	1.2	0.5	0.7	3.7	<0.01	0.09	0.4	0.055	0.04	0.16	67	0.16
L42500-66350	<0.05	1.4	0.6	0.9	10.0	<0.01	0.02	0.3	0.116	0.03	0.24	62	<0.05
L42500-66300	0.32	3.0	1.1	1.0	10.4	<0.01	0.13	0.9	0.164	0.04	0.38	86	0.55
L42500-66250	0.65	2.5	1.0	0.9	9.2	<0.01	0.13	0.9	0.131	0.05	0.34	81	0.65

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To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS:	YVR1610142B
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Project Name: Pitman
 Job Received Date: 09-Nov-2016
 Job Report Date: 09-Dec-2016
 Report Version: Final

Sample ID	IMS-130 Sb ppm	IMS-130 Sc ppm	IMS-130 Se ppm	IMS-130 Sn ppm	IMS-130 Sr ppm	IMS-130 Ta ppm	IMS-130 Te ppm	IMS-130 Th ppm	IMS-130 Ti %	IMS-130 Tl ppm	IMS-130 U ppm	IMS-130 V ppm	IMS-130 W ppm
Sample ID	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005	0.02	0.05	1	0.05
L42500-66200	0.62	1.8	3.2	0.5	40.3	0.09	0.42	<0.2	0.030	0.38	1.56	42	0.89
L42500-66150	0.24	2.0	0.6	0.6	13.9	<0.01	0.02	0.3	0.053	0.06	0.17	50	0.12
L42500-66100	0.10	1.3	1.1	0.4	24.3	<0.01	0.06	0.2	0.024	0.03	0.23	50	0.12
L42500-66050	1.05	8.4	1.0	0.6	52.5	<0.01	0.09	1.0	0.078	0.10	0.39	75	2.42
L43100-64550	0.59	5.6	0.7	0.5	6.6	0.03	0.02	1.9	0.060	0.08	0.39	61	0.19
L43100-64500	0.36	5.1	1.0	0.8	4.8	0.07	0.03	2.5	0.065	0.09	0.39	93	0.21
L43100-64450	0.48	3.6	0.7	0.9	5.7	<0.01	0.02	1.6	0.070	0.12	0.24	102	0.27
L43100-64400	0.75	4.0	0.6	0.5	17.5	<0.01	0.10	1.3	0.038	0.12	0.35	75	0.46
L43200-64700	0.49	5.0	0.7	0.5	10.3	<0.01	0.02	2.0	0.069	0.11	0.41	66	0.37
L43200-64650	0.38	5.5	0.7	0.6	10.1	<0.01	0.14	1.5	0.069	0.08	0.45	68	0.37
L43200-64600	0.54	6.2	0.5	0.6	7.3	<0.01	0.06	2.0	0.041	0.12	0.29	75	0.17
L43200-64550	0.27	4.0	1.2	0.8	6.1	0.04	0.11	1.7	0.046	0.13	0.36	66	0.29
L43200-64500	0.43	5.7	0.7	0.6	6.7	0.03	0.14	1.8	0.080	0.09	0.44	75	0.27
L43200-64450	0.44	4.0	0.5	0.7	6.8	<0.01	0.07	1.9	0.090	0.09	0.38	71	0.22
L43200-64400	0.91	6.1	0.8	0.5	9.7	0.05	0.12	2.5	0.081	0.12	0.51	67	0.65
L43300-64650	0.48	6.9	0.7	0.5	13.2	0.03	0.11	2.2	0.071	0.11	0.74	68	1.88
L43300-64600	0.52	4.9	0.6	0.5	6.5	0.01	0.02	1.6	0.046	0.10	0.33	59	0.24
L43300-64550	0.25	4.2	0.7	0.8	5.9	0.04	0.09	1.7	0.056	0.08	0.37	78	0.17
L43300-64500	0.49	5.3	1.0	0.6	6.1	0.03	0.19	2.4	0.072	0.11	0.54	68	0.29
L43300-64450	0.40	5.0	0.3	0.6	6.9	<0.01	0.02	1.6	0.074	0.08	0.34	70	0.08
L43300-64400	0.84	5.6	0.6	0.4	6.8	<0.01	0.03	1.9	0.044	0.09	0.28	70	0.24

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To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS:	YVR1610142B
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Project Name: Pitman
 Job Received Date: 09-Nov-2016
 Job Report Date: 09-Dec-2016
 Report Version: Final

Sample ID	IMS-130 Sb ppm	IMS-130 Sc ppm	IMS-130 Se ppm	IMS-130 Sn ppm	IMS-130 Sr ppm	IMS-130 Ta ppm	IMS-130 Te ppm	IMS-130 Th ppm	IMS-130 Ti %	IMS-130 Tl ppm	IMS-130 U ppm	IMS-130 V ppm	IMS-130 W ppm
Sample ID	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005	0.02	0.05	1	0.05
DUP L42900-66700	0.43	2.3	1.4	0.6	17.1	0.11	0.10	0.2	0.112	0.05	0.50	56	0.36
DUP L42300-65900	0.85	7.3	2.4	0.8	6.8	0.02	0.21	3.7	0.124	0.07	0.49	103	0.89
DUP L43000-65100	0.46	4.9	0.9	0.4	15.3	<0.01	0.13	3.6	0.029	0.13	1.74	51	0.25
DUP L43100-64700	0.48	6.1	1.4	0.5	14.7	0.01	0.19	2.0	0.044	0.11	0.60	67	0.53
DUP L42500-66550	1.26	2.5	0.6	0.5	22.2	<0.01	0.10	0.2	0.055	0.12	0.57	69	0.09
STD BLANK	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005	<0.02	<0.05	<1	<0.05
STD BLANK	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005	<0.02	<0.05	<1	<0.05
STD BLANK	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005	<0.02	<0.05	<1	<0.05
STD BLANK	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005	<0.02	<0.05	<1	<0.05
STD BLANK	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005	<0.02	<0.05	<1	<0.05
STD OREAS 24b	0.46	9.9	0.5	2.4	30.2	<0.01	0.05	14.9	0.197	0.67	1.67	79	1.32
STD OREAS 904	0.79	3.6	2.6	0.6	16.2	<0.01	0.05	7.5	0.007	0.17	4.92	23	0.53
STD OREAS 24b	0.47	9.8	0.6	2.3	30.8	<0.01	0.03	14.3	0.198	0.69	1.73	78	1.23
STD GBM908-10	1.12	2.2	0.7	2.0	42.2	0.01	0.10	16.4	0.321	0.23	1.36	48	2.02
STD OREAS 24b	0.50	10.1	0.4	2.5	30.9	0.01	0.06	14.7	0.210	0.67	1.69	83	1.20

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To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610142B

Project Name: Pitman
Job Received Date: 09-Nov-2016
Job Report Date: 09-Dec-2016
Report Version: Final

Sample ID	IMS-130 Y ppm	IMS-130 Zn ppm	IMS-130 Zr ppm
L42900-64400	1.03	10	1.2
L42900-64350	3.98	95	1.8
L42900-66700	4.54	41	0.9
L42900-66650	4.60	31	0.7
L42900-66600	0.72	6	<0.5
L42900-66550	1.81	32	1.6
L42900-66500	3.13	69	2.3
L42900-66450	1.21	10	<0.5
L42900-66400	1.56	65	6.7
L42900-66350	0.84	7	<0.5
L42900-66300	2.64	69	10.8
L42900-66250	3.61	58	16.1
L42900-66200	1.96	18	<0.5
L42900-66150	1.07	11	0.6
L42900-66100	1.24	27	1.0
L42100-65000	1.90	13	<0.5
L42100-64950	1.69	56	1.6
L42100-64900	0.95	28	<0.5
L42100-64850	1.90	64	4.8
L42200-66700	4.56	58	2.1
L42200-66650	4.10	10	1.6
L42200-66600	4.16	127	1.3
L42200-66500	1.42	7	<0.5
L42200-66450	3.98	30	6.9
L42200-66400	1.23	6	<0.5

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CERTIFICATE OF ANALYSIS: YVR1610142B

Project Name: Pitman
Job Received Date: 09-Nov-2016
Job Report Date: 09-Dec-2016
Report Version: Final

Sample ID	IMS-130 Y ppm	IMS-130 Zn ppm	IMS-130 Zr ppm
L42200-66350	2.89	37	0.7
L42200-66300	2.01	7	<0.5
L42200-66250	1.65	30	0.7
L42200-66200	1.79	9	<0.5
L42200-66150	3.03	64	1.1
L42200-66100	17.20	267	0.6
L42200-66050	1.19	22	1.0
L42200-66000	1.80	5	1.1
L42200-65950	1.39	34	4.3
L42200-65900	4.54	40	0.5
L42200-65850	4.86	84	3.0
L42200-65800	2.99	54	0.7
L42200-65750	1.22	28	0.8
L42200-64950	1.66	34	0.9
L42200-64900	1.04	29	1.3
L42200-64850	6.09	52	<0.5
L42200-64800	1.19	13	0.8
L42300-66700	2.24	25	<0.5
L42300-66650	0.76	5	<0.5
L42300-66600	1.27	21	<0.5
L42300-66550	0.75	11	<0.5
L42300-66500	0.84	9	<0.5
L42300-66450	1.73	29	1.0
L42300-66400	0.79	2	<0.5
L42300-66350	4.83	96	7.9

***Please refer to the cover page for comments regarding this certificate. ***



An A2 Global Company

MS Analytical
Unit 1, 20120 102nd Avenue
Langley, BC V1M 4B4
Phone: +1-604-888-0875

To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610142B

Project Name: Pitman
Job Received Date: 09-Nov-2016
Job Report Date: 09-Dec-2016
Report Version: Final

Sample ID	IMS-130 Y ppm	IMS-130 Zn ppm	IMS-130 Zr ppm
L42300-66300	1.71	68	24.9
L42300-66250	4.53	50	1.1
L42300-66200	7.29	125	0.8
L42300-66150	2.93	54	11.8
L42300-66100	3.61	56	5.8
L42300-66050	4.00	104	4.0
L42300-66000	0.74	8	<0.5
L42300-65950	0.95	24	0.9
L42300-65900	5.18	45	14.1
L42300-65000	1.46	32	0.8
L42300-64950	0.93	15	<0.5
L43000-66700	8.45	78	4.5
L43000-66650	3.82	37	<0.5
L43000-66600	1.00	8	<0.5
L43000-66550	2.92	20	<0.5
L43000-66500	0.90	16	<0.5
L43000-66450	3.66	100	3.8
L43000-66400	4.72	62	10.2
L43000-66350	2.11	19	2.3
L43000-66300	0.75	12	<0.5
L43000-66250	1.66	28	2.2
L43000-66200	2.41	48	1.9
L43000-66150	0.91	11	<0.5
L43000-66100	5.72	4	0.9
L43000-66050	2.42	60	7.6

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To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610142B

Project Name: Pitman
Job Received Date: 09-Nov-2016
Job Report Date: 09-Dec-2016
Report Version: Final

Sample ID	IMS-130 Y ppm	IMS-130 Zn ppm	IMS-130 Zr ppm
L43000-66000	4.85	90	11.1
L43000-65950	5.41	70	0.7
L43000-65850	4.12	71	<0.5
L43000-65800	2.48	48	4.5
L43000-65750	1.60	33	1.1
L43000-65700	1.90	45	2.3
L43000-65650	1.86	53	4.4
L43000-65600	1.79	54	4.2
L43000-65550	1.58	24	0.7
L43000-65500	2.52	55	1.5
L43000-65450	6.36	222	1.8
L43000-65400	5.77	165	3.6
L43000-65350	2.78	91	7.2
L43000-65300	3.09	90	7.1
L43000-65250	3.16	82	5.2
L43000-65200	2.46	93	5.8
L43000-65150	2.54	115	5.6
L43000-65100	9.58	77	1.1
L43000-65050	2.41	93	2.7
L43000-65000	3.89	106	6.1
L43000-64800	5.22	94	2.1
L43000-64700	6.37	98	2.0
L43000-64650	4.76	126	2.3
L43000-64600	2.23	84	0.9
L43000-64550	6.24	60	<0.5

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To: **Terracad Geoscience Services Ltd.**
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V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610142B

Project Name: Pitman
Job Received Date: 09-Nov-2016
Job Report Date: 09-Dec-2016
Report Version: Final

Sample ID	IMS-130 Y ppm	IMS-130 Zn ppm	IMS-130 Zr ppm
L43000-64500	3.84	46	0.8
L43000-64450	3.87	109	0.7
L43000-64400	2.45	57	1.0
L43000-64350	9.10	102	<0.5
L43100-64750	5.25	115	2.4
L43100-64700	8.20	125	4.7
L43100-64650	2.74	124	3.8
L43100-64600	1.65	67	0.9
L42300-64900	1.26	29	<0.5
L42300-64850	1.65	41	0.6
L42300-64800	5.34	133	<0.5
L42300-64750	1.20	31	0.8
L42300-64700	2.40	73	2.6
L42300-64650	1.01	9	0.5
L42400-66700	1.67	7	0.5
L42400-66650	1.01	11	<0.5
L42400-66600	1.03	13	<0.5
L42400-66550	1.58	39	1.3
L42400-66500	3.11	22	0.5
L42400-66450	1.03	6	<0.5
L42400-66400	2.44	37	5.7
L42400-66350	18.19	55	3.1
L42400-66300	2.13	11	<0.5
L42400-66250	1.33	27	<0.5
L42400-66200	2.44	36	0.6

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V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610142B

Project Name: Pitman
Job Received Date: 09-Nov-2016
Job Report Date: 09-Dec-2016
Report Version: Final

Sample ID	IMS-130 Y ppm	IMS-130 Zn ppm	IMS-130 Zr ppm
L42400-66150	2.29	48	0.6
L42400-66100	1.55	13	<0.5
L42400-66050	5.19	64	0.5
L42400-66000	11.83	94	<0.5
L42400-65950	0.84	5	<0.5
L42400-65900	1.02	39	1.5
L42400-65850	2.47	10	0.6
L42400-65800	0.60	9	<0.5
L42400-64950	3.83	17	<0.5
L42400-64900	1.27	22	<0.5
L42400-64850	5.23	68	1.6
L42400-64800	3.11	74	3.2
L42400-64750	2.80	81	1.8
L42400-64700	10.01	190	1.9
L42400-64650	1.69	134	3.1
L42400-64600	1.16	34	1.4
L42400-64550	1.68	80	6.0
L42500-66600	2.64	14	1.9
L42500-66550	3.15	57	<0.5
L42500-66500	3.50	52	1.4
L42500-66450	7.20	94	0.9
L42500-66400	0.77	18	<0.5
L42500-66350	0.89	15	<0.5
L42500-66300	2.15	35	0.7
L42500-66250	1.48	39	1.2

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CERTIFICATE OF ANALYSIS: YVR1610142B

Project Name: Pitman
Job Received Date: 09-Nov-2016
Job Report Date: 09-Dec-2016
Report Version: Final

Sample ID	IMS-130 Y ppm	IMS-130 Zn ppm	IMS-130 Zr ppm
L42500-66200	24.66	136	<0.5
L42500-66150	1.03	9	<0.5
L42500-66100	2.31	31	<0.5
L42500-66050	10.19	81	0.7
L43100-64550	3.11	113	7.5
L43100-64500	1.76	114	7.8
L43100-64450	0.99	45	3.0
L43100-64400	2.60	80	0.6
L43200-64700	2.37	99	2.9
L43200-64650	2.82	98	2.6
L43200-64600	3.72	105	3.8
L43200-64550	1.86	108	3.2
L43200-64500	2.39	115	4.1
L43200-64450	1.26	96	9.3
L43200-64400	3.62	117	5.5
L43300-64650	6.84	108	2.7
L43300-64600	2.49	107	2.2
L43300-64550	1.91	93	2.6
L43300-64500	3.57	99	6.0
L43300-64450	2.30	81	3.8
L43300-64400	2.31	112	3.3

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Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610142B

Project Name: Pitman
Job Received Date: 09-Nov-2016
Job Report Date: 09-Dec-2016
Report Version: Final

	IMS-130 Y ppm	IMS-130 Zn ppm	IMS-130 Zr ppm
Sample ID	0.05	2	0.5
DUP L42900-66700	4.46	41	0.8
DUP L42300-65900	5.09	46	13.5
DUP L43000-65100	9.81	77	1.1
DUP L43100-64700	7.87	124	3.9
DUP L42500-66550	3.09	57	<0.5
STD BLANK	<0.05	<2	<0.5
STD BLANK	<0.05	<2	<0.5
STD BLANK	<0.05	<2	<0.5
STD BLANK	<0.05	<2	<0.5
STD BLANK	<0.05	<2	<0.5
STD OREAS 24b	13.49	96	26.2
STD OREAS 904	16.52	24	18.8
STD OREAS 24b	13.18	95	25.5
STD GBM908-10	20.77	998	29.3
STD OREAS 24b	12.39	99	26.7

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To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610149

Project Name: Keeper
Job Received Date: 09-Nov-2016
Job Report Date: 05-Jan-2017
Report Version: Final

COMMENTS:

Test results reported relate only to the samples as received by the laboratory. Unless otherwise stated above, sufficient sample was received for the methods requested and all samples were received in acceptable condition. Analytical results in unsigned reports marked "preliminary" are subject to change, pending final QC review. Please refer to MS Analyticals' *Schedule of Services and Fees* for our complete Terms and Conditions

SAMPLE PREPARATION	
METHOD CODE	DESCRIPTION
PRP-757	Dry, Screen to 80 mesh, save plus fraction

ANALYTICAL METHODS	
METHOD CODE	DESCRIPTION
IMS-130	Multi-Element, 0.5g, 3:1 Aqua Regia, ICP-AES/MS, Ultra Trace Level

Signature:

Yvette Hsi, BSc.
Manager - Geochem
MS Analytical



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 Phone: +1-604-888-0875

To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS:	YVR1610149
---------------------------------	-------------------

Project Name: Keeper
 Job Received Date: 09-Nov-2016
 Job Report Date: 05-Jan-2017
 Report Version: Final

Sample ID	Sample Type	PWE-100 Rec. Wt. kg	Method Analyte Units	IMS-130 Ag ppm	IMS-130 Al %	IMS-130 As ppm	IMS-130 Au ppm	IMS-130 B ppm	IMS-130 Ba ppm	IMS-130 Be ppm	IMS-130 Bi ppm	IMS-130 Ca %
		0.01	LOR	0.01	0.01	0.1	0.005	10	10	0.05	0.01	0.01
L42500-51800	Soil	0.10		1.34	4.44	11.7	<0.005	12	33	0.50	0.33	0.89
L42500-51850	Soil	0.12		0.32	4.52	51.3	<0.005	10	90	0.28	0.20	0.51
L42500-51900	Soil	0.11		0.37	2.18	10.4	<0.005	13	49	0.36	0.27	0.57
L42500-51950	Soil	0.15		0.27	1.37	4.3	<0.005	<10	35	0.12	0.31	0.52
L42900-51250	Soil	0.11		0.04	0.66	1.0	<0.005	<10	38	0.05	0.04	0.25
L42900-51300	Soil	0.14		0.08	1.31	2.0	<0.005	<10	50	0.13	0.06	0.29
L42900-51350	Soil	0.16		0.13	1.37	2.0	<0.005	11	71	0.13	0.05	0.36
L42900-51400	Soil	0.18		0.08	1.80	3.1	<0.005	<10	76	0.13	0.05	0.39
L42900-51450	Soil	0.12		0.23	1.95	2.3	<0.005	<10	48	0.11	0.11	0.21
L42900-51500	Soil	0.09		0.51	1.18	1.6	<0.005	<10	62	0.14	0.19	0.27
L42900-51550	Soil	0.11		0.11	2.29	7.8	<0.005	<10	56	0.16	0.31	0.21
L42900-51600	Soil	0.05		0.18	0.16	1.6	<0.005	23	307	0.06	0.02	4.50
L42900-51650	Soil	0.13		0.06	2.48	1.5	<0.005	16	183	0.45	0.09	0.75
L42900-51700	Soil	0.21		0.04	2.15	0.7	<0.005	<10	113	0.27	0.08	0.57
L42900-51750	Soil	0.12		0.02	0.48	0.4	<0.005	<10	20	<0.05	0.05	0.06
L42900-51800	Soil	0.08		0.09	0.16	0.5	<0.005	<10	15	<0.05	0.04	0.07
L42900-51850	Soil	0.09		0.23	1.16	1.3	<0.005	<10	184	0.16	0.06	1.08
L42900-51900	Soil	0.18		0.21	2.60	1.8	<0.005	<10	133	0.55	0.06	0.48
L42900-51950	Soil	0.19		0.07	4.66	2.2	<0.005	15	72	0.41	0.08	0.29
L42900-52000	Soil	0.18		0.10	4.33	3.5	<0.005	<10	73	0.37	0.11	0.19
L42900-52050	Soil	0.13		0.08	1.85	3.4	<0.005	<10	50	0.10	0.11	0.17
L42900-52100	Soil	0.13		0.11	1.42	3.9	<0.005	<10	31	0.09	0.17	0.25
L42900-52150	Soil	0.11		0.18	2.29	7.8	<0.005	<10	38	0.18	0.17	0.17
L42900-52200	Soil	0.12		0.14	2.39	1.5	<0.005	<10	52	0.20	0.04	0.04
L42900-52250	Soil	0.18		0.17	1.99	18.9	<0.005	<10	69	0.15	0.08	0.44

Please refer to the cover page for comments regarding this certificate.



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 Unit 1, 20120 102nd Avenue
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 Phone: +1-604-888-0875

To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS:	YVR1610149
---------------------------------	-------------------

Project Name: Keeper
 Job Received Date: 09-Nov-2016
 Job Report Date: 05-Jan-2017
 Report Version: Final

Sample ID	Sample Type	PWE-100 Rec. Wt. kg	Method Analyte Units	IMS-130 Ag ppm	IMS-130 Al %	IMS-130 As ppm	IMS-130 Au ppm	IMS-130 B ppm	IMS-130 Ba ppm	IMS-130 Be ppm	IMS-130 Bi ppm	IMS-130 Ca %
		0.01	LOR	0.01	0.01	0.1	0.005	10	10	0.05	0.01	0.01
L42900-52300	Soil	0.15		0.71	4.47	11.9	<0.005	11	53	0.92	0.08	0.50
L42900-52350	Soil	0.07		0.31	1.21	2.3	<0.005	<10	37	0.11	0.11	0.30
L42900-52400	Soil	0.17		0.11	2.59	1.9	0.006	<10	34	0.10	0.14	0.17
L42900-52450	Soil	0.10		0.04	0.87	0.6	<0.005	<10	23	<0.05	0.12	0.14
L42900-52500	Soil	0.10		0.07	0.85	1.3	<0.005	<10	26	0.06	0.18	0.15
L43000-51200	Soil	0.15		0.04	2.15	2.0	<0.005	10	124	0.25	0.03	0.55
L43000-51250	Soil	0.12		0.06	1.18	1.6	<0.005	<10	43	0.07	0.04	0.27
L43000-51300	Soil	0.21		0.02	1.93	1.9	<0.005	<10	144	0.27	0.03	0.80
L43000-51350	Soil	0.16		0.20	3.09	4.5	<0.005	<10	217	0.93	0.22	0.56
L43000-51400	Soil	0.15		0.08	2.28	5.9	<0.005	<10	55	0.16	0.33	0.25
L43000-51450	Soil	0.17		0.04	1.60	3.0	<0.005	<10	134	0.24	0.03	0.81
L43000-51500	Soil	0.16		0.13	2.28	3.8	<0.005	<10	143	0.30	0.25	1.02
L43000-51550	Soil	0.17		0.23	3.52	6.1	0.011	<10	100	0.35	1.79	0.31
L43000-51600	Soil	0.14		0.08	0.76	1.6	<0.005	<10	54	0.09	0.07	0.14
L43000-51650	Soil	0.12		0.05	0.42	1.7	<0.005	<10	21	0.05	0.06	0.15
L43000-51700	Soil	0.14		0.16	1.29	4.6	<0.005	<10	47	0.12	0.29	0.29
L43000-51750	Soil	0.14		0.18	3.65	7.2	<0.005	<10	140	0.48	0.19	0.17
L43000-51800	Soil	0.12		0.23	3.12	3.3	<0.005	<10	112	0.53	0.11	0.34
L43000-51850	Soil	0.09		0.17	2.98	2.5	<0.005	<10	48	0.21	0.08	0.10
L43000-51900	Soil	0.15		0.11	1.73	1.7	<0.005	<10	64	0.16	0.12	0.05
L43000-51950	Soil	0.16		0.19	1.51	0.9	<0.005	<10	40	0.10	0.14	0.11
L43000-52000	Soil	0.12		0.07	1.88	1.1	<0.005	<10	51	0.16	0.10	0.06
L43000-52050	Soil	0.10		0.05	1.15	0.7	<0.005	<10	40	0.08	0.10	0.38
L43000-52100	Soil	0.12		0.22	1.19	2.1	<0.005	<10	47	0.08	0.15	0.17
L43000-52150	Soil	0.12		0.21	2.39	4.5	<0.005	<10	76	0.12	0.09	0.22

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To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS:	YVR1610149
---------------------------------	-------------------

Project Name: Keeper
 Job Received Date: 09-Nov-2016
 Job Report Date: 05-Jan-2017
 Report Version: Final

Sample ID	Sample Type	PWE-100 Rec. Wt. kg	Method Analyte Units	IMS-130 Ag ppm	IMS-130 Al %	IMS-130 As ppm	IMS-130 Au ppm	IMS-130 B ppm	IMS-130 Ba ppm	IMS-130 Be ppm	IMS-130 Bi ppm	IMS-130 Ca %
		0.01	LOR	0.01	0.01	0.1	0.005	10	10	0.05	0.01	0.01
L43000-52200	Soil	0.15		0.26	5.67	28.6	<0.005	<10	62	0.41	0.19	0.30
L43000-52250	Soil	0.12		0.18	3.66	5.9	<0.005	<10	78	0.35	0.10	0.26
L43000-52300	Soil	0.09		0.43	2.29	3.1	<0.005	<10	140	0.43	0.15	0.45
L43000-52350	Soil	0.06		0.32	3.06	2.2	<0.005	<10	101	0.74	0.15	0.68
L43000-52400	Soil	0.10		0.07	1.58	2.4	0.006	<10	65	0.18	0.21	0.36
L43000-52450	Soil	0.09		0.17	1.59	3.4	<0.005	<10	48	0.12	0.16	0.24
L43000-52500	Soil	0.11		0.25	1.71	1.7	<0.005	<10	169	0.34	0.11	0.51
L43100-51200	Soil	0.12		0.08	2.27	6.1	<0.005	<10	75	0.31	0.19	0.21
L43100-51250	Soil	0.10		0.09	1.66	2.2	<0.005	<10	117	0.12	0.17	0.85
L43100-51300	Soil	0.12		0.06	1.59	1.8	<0.005	<10	147	0.22	0.23	0.61
L43100-51350	Soil	0.04		0.61	2.62	14.6	<0.005	13	691	1.02	0.48	2.16
L43100-51400	Soil	0.10		0.09	0.96	2.4	0.029	<10	51	0.14	0.15	0.40
L43100-51450	Soil	0.09		0.25	0.68	2.2	<0.005	<10	18	<0.05	0.15	0.77
L43100-51500	Soil	0.13		1.00	4.61	7.5	<0.005	<10	37	0.29	0.25	0.25
L43100-51550	Soil	0.09		0.44	1.87	3.4	<0.005	<10	326	0.60	0.13	1.05
L43100-51600	Soil	0.13		0.31	5.13	8.8	<0.005	<10	45	0.32	0.44	0.23
L43100-51650	Soil	0.12		0.77	3.13	8.6	<0.005	<10	47	0.20	0.57	0.24
L43100-51700	Soil	0.20		0.13	1.57	5.0	<0.005	<10	293	0.59	0.16	0.71
L43100-51750	Soil	0.13		0.32	4.97	4.7	<0.005	<10	48	0.31	0.11	0.19
L43100-51800	Soil	0.12		0.19	1.56	7.1	<0.005	<10	29	0.09	0.27	0.34
L43100-51850	Soil	0.17		0.14	3.37	3.5	<0.005	<10	72	0.45	0.12	0.08
L43100-51900	Soil	0.15		0.17	3.22	2.5	<0.005	<10	48	0.49	0.11	0.06
L43100-51950	Soil	0.12		0.19	2.80	8.1	<0.005	<10	30	0.14	0.20	0.19
L43100-52000	Soil	0.07		0.27	2.73	20.1	<0.005	<10	894	0.66	0.08	1.24
L43100-52050	Soil	0.09		0.14	1.91	4.6	<0.005	<10	261	0.16	0.08	1.05

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An A2 Global Company

MS Analytical
 Unit 1, 20120 102nd Avenue
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 Phone: +1-604-888-0875

To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610149

Project Name: Keeper
 Job Received Date: 09-Nov-2016
 Job Report Date: 05-Jan-2017
 Report Version: Final

Sample ID	Sample Type	PWE-100 Rec. Wt. kg	Method Analyte Units	IMS-130 Ag ppm	IMS-130 Al %	IMS-130 As ppm	IMS-130 Au ppm	IMS-130 B ppm	IMS-130 Ba ppm	IMS-130 Be ppm	IMS-130 Bi ppm	IMS-130 Ca %
		0.01	LOR	0.01	0.01	0.1	0.005	10	10	0.05	0.01	0.01
L43100-52100	Soil	0.08		0.04	1.48	6.6	<0.005	<10	63	0.25	0.18	0.32
L43100-52150	Soil	0.05		0.35	0.93	3.4	<0.005	<10	215	0.25	0.14	1.89
L43100-52200	Soil	0.03		0.34	1.13	3.7	<0.005	<10	127	0.32	0.05	0.94
L43100-52250	Soil	0.05		0.12	2.02	4.6	<0.005	<10	100	0.15	0.21	0.62
L43100-52300	Soil	0.04		4.42	4.02	3.1	<0.005	<10	182	1.36	0.06	1.83
L43100-52350	Soil	0.05		1.18	3.73	3.8	<0.005	<10	156	0.90	0.03	1.83
L43100-52400	Soil	0.14		0.59	1.64	2.3	0.017	<10	131	0.72	0.14	0.37
L43100-52450	Soil	0.09		0.47	2.47	3.0	0.044	<10	164	0.73	0.12	1.22
L43100-52500	Soil	0.10		0.46	2.54	3.9	<0.005	<10	89	0.71	0.22	0.19
L43200-51200	Soil	0.10		0.21	2.28	8.7	<0.005	<10	79	0.55	0.61	0.45
L43200-51250	Soil	0.07		0.29	1.97	7.9	<0.005	<10	92	0.60	0.59	0.68
L43200-51300	Soil	0.15		0.38	2.21	57.7	<0.005	20	121	1.00	0.39	0.57
L43200-51350	Soil	0.13		0.09	1.15	4.4	<0.005	<10	121	0.12	0.76	0.86
L43200-51400	Soil	0.12		0.46	1.45	6.2	<0.005	<10	149	0.52	0.62	0.76
L43200-51450	Soil	0.10		1.56	3.41	14.0	<0.005	<10	168	0.40	0.22	1.58
L43200-51500	Soil	0.15		2.02	4.61	11.5	<0.005	<10	119	0.84	0.74	0.89
L43200-51550	Soil	0.10		0.50	3.54	9.6	<0.005	<10	72	0.50	0.88	0.76
L43200-51600	Soil	0.12		0.51	3.29	4.7	<0.005	<10	41	0.21	0.12	0.26
L43200-51650	Soil	0.18		0.14	0.86	1.7	<0.005	<10	18	<0.05	0.18	0.22
L43200-51700	Soil	0.11		0.12	4.24	3.9	<0.005	<10	87	0.35	0.05	0.25
L43200-51750	Soil	0.14		0.32	0.97	3.9	<0.005	<10	177	0.17	0.45	0.88
L43200-51800	Soil	0.15		0.24	2.31	6.6	<0.005	<10	144	0.48	1.05	0.49
L43200-51850	Soil	0.15		0.10	1.66	1.7	<0.005	<10	95	0.59	0.06	0.12
L43200-51900	Soil	0.13		0.18	5.14	8.9	<0.005	<10	41	0.28	0.18	0.24
L43200-51950	Soil	0.15		0.50	3.41	7.3	<0.005	<10	65	0.33	0.31	0.53

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 Phone: +1-604-888-0875

To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS:	YVR1610149
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Project Name: Keeper
 Job Received Date: 09-Nov-2016
 Job Report Date: 05-Jan-2017
 Report Version: Final

Sample ID	Sample Type	PWE-100 Rec. Wt. kg	Method Analyte Units	IMS-130 Ag ppm	IMS-130 Al %	IMS-130 As ppm	IMS-130 Au ppm	IMS-130 B ppm	IMS-130 Ba ppm	IMS-130 Be ppm	IMS-130 Bi ppm	IMS-130 Ca %
		0.01	LOR	0.01	0.01	0.1	0.005	10	10	0.05	0.01	0.01
L43200-52000	Soil	0.12		0.08	1.17	6.6	<0.005	<10	21	0.06	0.18	0.23
L43200-52100	Soil	0.10		0.23	2.23	3.7	<0.005	<10	34	0.07	0.13	0.28
L43200-52150	Soil	0.10		0.40	3.29	15.6	<0.005	<10	115	0.52	0.13	1.37
L43200-52200	Soil	0.14		0.70	1.58	4.2	<0.005	<10	90	0.14	0.16	0.77
L43200-52250	Soil	0.04		0.19	0.78	2.3	<0.005	<10	86	0.10	0.16	0.56
L43200-52300	Soil	0.09		2.31	3.63	3.7	<0.005	<10	190	1.44	0.05	1.76
L43200-52350	Soil	0.07		0.29	1.61	4.1	<0.005	<10	93	0.47	0.23	0.38
L43200-52400	Soil	0.07		0.26	3.33	3.8	<0.005	<10	111	1.41	0.13	0.50
L43200-52450	Soil	0.07		0.61	1.35	2.8	<0.005	<10	76	0.35	0.15	0.31
L43200-52500	Soil	0.21		0.44	1.38	3.5	<0.005	<10	87	0.29	0.22	0.17
L43300-51200	Soil	0.16		0.19	3.36	12.6	<0.005	<10	67	0.47	0.84	0.74
L43300-51250	Soil	0.12		0.52	2.66	13.3	<0.005	13	75	0.34	0.85	0.90
L43300-51300	Soil	0.15		1.13	2.70	9.8	<0.005	<10	78	0.59	0.74	0.44
L43300-51350	Soil	0.14		0.95	2.59	7.5	<0.005	<10	68	0.43	0.67	0.81
L43300-51400	Soil	0.10		1.15	1.98	11.2	<0.005	<10	65	0.23	0.87	0.72
L43300-51450	Soil	0.12		2.53	1.20	5.0	<0.005	<10	34	0.17	0.29	0.37
L43300-51700	Soil	0.20		0.55	5.57	14.7	<0.005	<10	27	0.36	0.59	0.38
L43300-51750	Soil	0.14		0.12	1.80	4.7	<0.005	<10	199	0.57	0.23	1.03
L43300-51800	Soil	0.13		0.19	3.70	11.1	<0.005	<10	85	0.41	0.57	0.94
L43300-51850	Soil	0.13		1.11	6.21	12.8	0.009	<10	66	0.60	0.44	0.78
L43300-51900	Soil	0.09		0.31	2.99	46.9	<0.005	<10	93	0.25	0.30	0.27
L43300-51950	Soil	0.11		0.34	3.55	10.0	<0.005	<10	27	0.26	0.23	0.20
L43300-52000	Soil	0.15		0.20	2.47	7.1	<0.005	<10	22	0.17	0.55	0.89
L43300-52050	Soil	0.11		0.06	1.91	3.1	<0.005	<10	33	0.15	0.18	0.49
L43300-52100	Soil	0.13		0.07	2.41	3.2	<0.005	<10	33	0.15	0.19	0.46

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To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS:	YVR1610149
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Project Name: Keeper
 Job Received Date: 09-Nov-2016
 Job Report Date: 05-Jan-2017
 Report Version: Final

Sample ID	Sample Type	PWE-100 Rec. Wt. kg	Method Analyte Units	IMS-130 Ag ppm	IMS-130 Al %	IMS-130 As ppm	IMS-130 Au ppm	IMS-130 B ppm	IMS-130 Ba ppm	IMS-130 Be ppm	IMS-130 Bi ppm	IMS-130 Ca %
		0.01	LOR	0.01	0.01	0.1	0.005	10	10	0.05	0.01	0.01
L43300-52150	Soil	0.10		0.76	2.49	5.5	<0.005	<10	44	0.23	0.12	0.30
L43300-52200	Soil	0.10		0.33	1.88	2.6	<0.005	<10	86	0.56	0.13	0.57
L43300-52250	Soil	0.12		0.15	0.92	2.3	<0.005	<10	30	0.10	0.15	0.21
L43300-52300	Soil	0.12		0.43	1.33	2.0	<0.005	<10	45	0.11	0.16	0.24
L43300-52350	Soil	0.09		0.43	2.23	4.0	<0.005	<10	39	0.31	0.21	0.22
L43300-52400	Soil	0.08		0.45	1.68	3.5	<0.005	<10	76	0.41	0.19	0.28
L43300-52450	Soil	0.12		0.22	1.64	2.8	<0.005	<10	49	0.12	0.13	0.17
L43300-52500	Soil	0.26		0.34	2.57	4.0	<0.005	<10	142	0.60	0.15	0.39
L43400-51200	Soil	0.12		0.11	1.36	2.3	<0.005	<10	108	0.26	0.12	3.06
L43400-51250	Soil	0.16		0.41	2.76	5.3	<0.005	<10	86	0.47	0.22	0.37
L43400-51300	Soil	0.15		1.41	2.68	12.4	<0.005	<10	77	0.85	1.65	0.57
L43400-51350	Soil	0.10		0.76	3.69	12.6	0.006	<10	29	0.27	0.87	0.41
L43400-51400	Soil	0.09		1.18	10.92	7.3	<0.005	<10	65	2.19	0.12	0.16
L43400-51850	Soil	0.18		0.87	2.94	39.0	<0.005	<10	402	2.93	0.11	1.72
L43400-51900	Soil	0.14		0.13	2.30	10.2	<0.005	<10	31	0.15	0.26	0.50
L43400-51950	Soil	0.11		1.30	2.27	7.4	<0.005	<10	36	0.31	0.27	0.63
L43400-52000	Soil	0.07		0.45	1.10	2.8	<0.005	<10	38	0.15	0.32	0.34
L43400-52050	Soil	0.12		1.16	3.00	7.8	<0.005	<10	32	0.44	0.18	0.20
L43400-52100	Soil	0.12		0.13	2.07	7.2	<0.005	<10	150	0.35	0.19	0.76
L43400-52150	Soil	0.12		0.10	0.94	1.3	<0.005	<10	23	<0.05	0.19	0.23
L43400-52200	Soil	0.07		0.06	0.79	1.7	<0.005	<10	27	0.06	0.20	0.26
L43400-52250	Soil	0.12		0.28	5.65	7.8	<0.005	<10	165	1.90	0.12	0.48
L43400-52300	Soil	0.06		0.25	1.37	2.5	<0.005	<10	31	0.10	0.23	0.21
L43400-52350	Soil	0.11		0.68	3.56	2.6	<0.005	10	98	1.58	0.10	0.19
L43400-52400	Soil	0.10		0.67	1.58	1.8	<0.005	<10	52	0.24	0.14	0.20

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To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS:	YVR1610149
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Project Name: Keeper
 Job Received Date: 09-Nov-2016
 Job Report Date: 05-Jan-2017
 Report Version: Final

Sample ID	Sample Type	PWE-100 Rec. Wt. kg	Method Analyte Units	IMS-130 Ag ppm	IMS-130 Al %	IMS-130 As ppm	IMS-130 Au ppm	IMS-130 B ppm	IMS-130 Ba ppm	IMS-130 Be ppm	IMS-130 Bi ppm	IMS-130 Ca %
		0.01	LOR	0.01	0.01	0.1	0.005	10	10	0.05	0.01	0.01
L43400-52450	Soil	0.09		0.20	2.53	3.9	<0.005	<10	32	0.29	0.18	0.15
L43400-52500	Soil	0.11		0.34	2.29	3.4	<0.005	<10	43	0.34	0.16	0.13
L43500-51750	Soil	0.11		0.65	5.80	15.7	<0.005	<10	47	1.09	1.60	0.79
L43500-52000	Soil	0.16		0.28	1.60	10.9	<0.005	<10	60	0.28	0.51	0.52
L43500-52050	Soil	0.12		0.24	2.53	6.7	<0.005	<10	40	0.22	0.31	0.54
L43500-52100	Soil	0.08		0.06	0.72	2.3	<0.005	<10	12	<0.05	0.31	0.54
L43500-52150	Soil	0.11		0.36	0.83	1.4	<0.005	<10	20	0.06	0.22	0.27
L43500-52200	Soil	0.12		0.41	1.76	2.2	<0.005	<10	65	0.48	0.20	0.47
L43500-52250	Soil	0.10		0.31	1.05	1.8	<0.005	<10	31	0.08	0.22	0.21
L43500-52300	Soil	0.08		0.23	3.95	3.1	<0.005	<10	33	0.17	0.10	0.16
L43500-52350	Soil	0.10		0.26	1.86	2.8	<0.005	<10	66	0.53	0.18	0.24
L43500-52400	Soil	0.12		0.29	1.69	2.0	<0.005	<10	69	0.36	0.16	0.27
L43500-52450	Soil	0.14		0.21	2.37	3.7	<0.005	<10	75	0.34	0.18	0.28
L43500-52500	Soil	0.18		0.07	0.81	1.3	<0.005	<10	29	0.06	0.21	0.15
L43600-51600	Soil	0.16		0.51	2.12	23.5	<0.005	<10	48	0.15	49.05	1.94
L43600-51650	Soil	0.15		0.15	1.25	24.9	<0.005	<10	17	0.08	2.10	2.85
L43600-51700	Soil	0.15		0.40	4.55	13.1	<0.005	<10	60	0.52	2.19	1.58
L43600-51750	Soil	0.12		0.31	2.32	42.1	<0.005	<10	53	0.68	0.39	2.68
L43600-51800	Soil	0.14		0.68	2.02	14.8	<0.005	<10	40	0.19	0.39	0.94
L43600-51850	Soil	0.12		0.08	1.13	4.7	<0.005	<10	31	0.08	0.42	0.41
L43600-51900	Soil	0.13		0.29	0.92	4.7	<0.005	<10	21	<0.05	0.37	0.67
L43600-51950	Soil	0.19		0.09	1.79	8.0	<0.005	<10	18	0.14	0.24	0.67
L43600-52000	Soil	0.13		0.12	0.97	4.0	<0.005	<10	14	0.06	0.33	0.49
L43600-52050	Soil	0.12		0.33	1.72	4.5	<0.005	<10	30	0.22	0.20	0.65
L43600-52100	Soil	0.07		0.14	1.95	2.3	<0.005	<10	32	0.19	0.26	0.35

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V6C 1T2

CERTIFICATE OF ANALYSIS:	YVR1610149
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Project Name: Keeper
 Job Received Date: 09-Nov-2016
 Job Report Date: 05-Jan-2017
 Report Version: Final

Sample ID	Sample Type	PWE-100 Rec. Wt. kg	Method Analyte Units	IMS-130 Ag ppm	IMS-130 Al %	IMS-130 As ppm	IMS-130 Au ppm	IMS-130 B ppm	IMS-130 Ba ppm	IMS-130 Be ppm	IMS-130 Bi ppm	IMS-130 Ca %
		0.01	LOR	0.01	0.01	0.1	0.005	10	10	0.05	0.01	0.01
L43600-52150	Soil	0.13		0.21	1.68	2.6	<0.005	<10	23	0.08	0.27	0.34
L43600-52200	Soil	0.11		0.12	1.59	3.0	<0.005	<10	35	0.19	0.22	0.30
L43600-52250	Soil	0.13		0.14	2.07	3.4	<0.005	<10	37	0.11	0.18	0.34
L43600-52350	Soil	0.11		0.44	2.70	3.8	<0.005	<10	35	0.12	0.12	0.17
L43600-52400	Soil	0.12		0.08	1.21	1.3	<0.005	<10	30	0.07	0.22	0.19
L43600-52450	Soil	0.08		0.24	2.57	2.7	<0.005	<10	32	0.22	0.16	0.23
L43600-52500	Soil	0.17		0.03	1.19	1.3	<0.005	<10	21	<0.05	0.11	0.27
L13100-34850	Soil	0.18		0.20	2.48	9.7	<0.005	<10	214	0.76	0.09	0.68
L42600-66500	Soil	0.13		0.05	3.19	12.5	<0.005	<10	101	0.49	0.13	0.46
L43000-64750	Soil	0.13		0.18	3.03	8.6	<0.005	<10	167	0.79	0.34	0.14
DUP L42900-52100				0.11	1.38	3.8	<0.005	<10	30	0.09	0.18	0.24
DUP L43100-51700				0.12	1.54	4.8	0.005	<10	286	0.55	0.19	0.69
DUP L43100-51900				0.16	3.20	2.3	<0.005	<10	48	0.49	0.11	0.06
DUP L43200-52450				0.61	1.32	3.0	<0.005	<10	73	0.34	0.15	0.30
DUP L43400-52300				0.25	1.38	1.9	<0.005	<10	30	0.10	0.24	0.22
STD BLANK				<0.01	<0.01	<0.1	<0.005	<10	<10	<0.05	<0.01	<0.01
STD BLANK				<0.01	<0.01	<0.1	<0.005	<10	<10	<0.05	<0.01	<0.01
STD BLANK				<0.01	<0.01	<0.1	<0.005	<10	<10	<0.05	<0.01	<0.01
STD BLANK				<0.01	<0.01	<0.1	<0.005	<10	<10	<0.05	<0.01	<0.01
STD BLANK				<0.01	<0.01	<0.1	<0.005	<10	<10	<0.05	<0.01	<0.01
STD OREAS 24b				0.08	3.14	8.3	<0.005	<10	151	1.66	0.68	0.46
STD GBM908-10				2.93	0.99	55.3	0.453	11	106	0.32	1.21	0.74
STD OREAS 904				0.39	1.36	92.7	0.021	<10	74	6.57	3.75	0.04
STD OREAS 24b				0.09	3.24	8.1	<0.005	<10	153	1.74	0.71	0.47
STD OREAS 904				0.38	1.24	94.2	0.020	<10	66	6.57	3.61	0.04

Please refer to the cover page for comments regarding this certificate.



An A2 Global Company

MS Analytical
 Unit 1, 20120 102nd Avenue
 Langley, BC V1M 4B4
 Phone: +1-604-888-0875

To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS:	YVR1610149
---------------------------------	-------------------

Project Name: Keeper
 Job Received Date: 09-Nov-2016
 Job Report Date: 05-Jan-2017
 Report Version: Final

Sample ID	IMS-130 Cd ppm	IMS-130 Ce ppm	IMS-130 Co ppm	IMS-130 Cr ppm	IMS-130 Cs ppm	IMS-130 Cu ppm	IMS-130 Fe %	IMS-130 Ga ppm	IMS-130 Ge ppm	IMS-130 Hf ppm	IMS-130 Hg ppm	IMS-130 In ppm
L42500-51800	0.62	11.95	9.6	14	0.47	18.6	3.81	13.03	0.11	0.03	0.24	0.052
L42500-51850	0.47	12.94	7.2	32	1.11	38.6	4.38	8.67	0.09	0.08	0.30	0.059
L42500-51900	1.08	16.43	12.4	23	2.48	47.7	3.46	8.69	0.07	<0.02	0.10	0.035
L42500-51950	0.26	7.81	4.5	15	2.11	14.3	2.11	10.30	0.06	0.02	0.06	0.024
L42900-51250	0.05	4.32	1.4	11	0.30	2.9	1.89	3.54	<0.05	<0.02	0.04	0.009
L42900-51300	0.14	6.94	3.5	15	0.62	10.1	3.52	8.12	0.05	0.03	0.04	0.018
L42900-51350	0.11	7.10	6.6	16	1.61	15.0	3.38	7.12	0.06	0.03	0.06	0.018
L42900-51400	0.11	9.34	7.7	18	1.38	20.2	3.53	6.01	0.06	0.02	0.07	0.024
L42900-51450	0.13	8.63	3.2	15	0.64	8.9	4.15	12.30	0.06	<0.02	0.15	0.019
L42900-51500	0.29	9.60	2.1	12	0.40	9.4	2.67	5.93	0.05	<0.02	0.05	0.019
L42900-51550	0.11	11.22	5.0	24	0.81	10.3	7.25	18.70	0.08	0.05	0.14	0.063
L42900-51600	0.19	1.42	0.2	2	<0.05	12.5	0.08	0.32	0.13	0.08	0.06	<0.005
L42900-51650	0.22	21.60	10.8	11	1.77	15.9	3.08	8.32	0.06	<0.02	0.04	0.031
L42900-51700	0.06	18.66	11.4	7	2.51	6.9	3.04	9.30	0.05	<0.02	0.03	0.028
L42900-51750	0.04	8.61	0.2	2	0.97	2.9	0.46	4.44	<0.05	<0.02	0.02	0.006
L42900-51800	0.05	6.93	0.2	4	0.39	1.6	1.00	1.81	<0.05	<0.02	0.01	<0.005
L42900-51850	0.18	12.17	3.3	6	0.98	10.4	2.23	5.54	<0.05	<0.02	0.10	0.017
L42900-51900	0.07	32.47	5.9	9	1.07	14.8	3.05	8.33	0.06	<0.02	0.12	0.032
L42900-51950	0.08	23.62	6.5	16	1.03	18.8	4.37	7.02	0.06	0.15	0.10	0.048
L42900-52000	0.11	33.30	5.5	18	1.03	13.4	4.92	9.55	0.06	0.13	0.21	0.059
L42900-52050	0.10	16.41	2.4	9	0.49	6.9	3.75	16.38	0.06	0.03	0.07	0.023
L42900-52100	0.14	11.35	3.0	13	0.71	11.1	3.18	8.92	<0.05	0.02	0.05	0.019
L42900-52150	0.13	7.70	5.1	34	0.83	20.2	8.95	17.79	0.08	0.05	0.07	0.046
L42900-52200	0.25	22.68	2.2	3	0.60	5.1	3.03	6.22	0.06	<0.02	0.08	0.030
L42900-52250	0.15	13.40	6.1	14	1.64	5.4	3.96	5.14	0.06	<0.02	0.09	0.022

Please refer to the cover page for comments regarding this certificate.



An A2 Global Company

MS Analytical
 Unit 1, 20120 102nd Avenue
 Langley, BC V1M 4B4
 Phone: +1-604-888-0875

To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS:	YVR1610149
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Project Name: Keeper
 Job Received Date: 09-Nov-2016
 Job Report Date: 05-Jan-2017
 Report Version: Final

Sample ID	IMS-130 Cd ppm	IMS-130 Ce ppm	IMS-130 Co ppm	IMS-130 Cr ppm	IMS-130 Cs ppm	IMS-130 Cu ppm	IMS-130 Fe %	IMS-130 Ga ppm	IMS-130 Ge ppm	IMS-130 Hf ppm	IMS-130 Hg ppm	IMS-130 In ppm
L42900-52300	0.46	27.65	23.2	42	2.44	30.5	6.37	7.25	0.08	0.02	0.13	0.093
L42900-52350	0.14	6.42	3.0	19	1.31	21.9	2.54	6.53	<0.05	<0.02	0.11	0.013
L42900-52400	0.06	9.74	7.5	29	2.28	15.3	6.10	9.13	0.06	<0.02	0.09	0.035
L42900-52450	0.06	5.90	1.1	9	0.45	3.0	1.35	6.86	<0.05	<0.02	0.01	0.009
L42900-52500	0.07	6.22	2.0	13	0.36	6.0	2.32	9.05	<0.05	<0.02	0.03	0.011
L43000-51200	0.11	17.23	11.3	19	1.43	42.0	3.15	4.42	0.07	0.03	0.03	0.020
L43000-51250	0.08	7.20	3.4	13	0.75	8.4	2.80	5.63	<0.05	<0.02	0.08	0.015
L43000-51300	0.07	18.24	10.1	18	1.17	45.9	2.98	5.08	0.06	<0.02	0.02	0.018
L43000-51350	0.42	29.42	14.5	18	2.60	50.6	4.85	7.04	0.07	<0.02	0.09	0.036
L43000-51400	0.10	8.98	8.2	20	2.17	10.1	4.93	13.82	0.06	0.06	0.05	0.046
L43000-51450	0.08	16.88	9.5	15	1.14	33.9	2.88	4.69	0.09	0.18	0.01	0.018
L43000-51500	0.28	16.68	14.4	19	1.49	45.6	3.58	6.51	0.07	0.03	0.04	0.034
L43000-51550	0.21	21.92	5.9	17	1.74	20.5	4.18	10.55	0.06	0.05	0.10	0.037
L43000-51600	0.14	18.11	1.6	6	1.02	8.7	1.97	6.92	<0.05	<0.02	0.02	0.010
L43000-51650	0.08	15.51	1.5	10	0.70	5.6	2.26	4.47	<0.05	<0.02	0.01	0.006
L43000-51700	0.25	13.07	3.1	12	0.88	10.6	4.19	12.53	0.06	0.03	0.08	0.030
L43000-51750	0.18	24.54	4.1	13	0.73	19.5	3.76	11.24	0.06	0.07	0.11	0.038
L43000-51800	0.15	26.57	4.2	10	0.90	8.6	3.85	12.08	0.07	0.03	0.12	0.041
L43000-51850	0.24	14.50	2.2	11	0.55	10.5	4.27	9.22	0.07	0.12	0.20	0.049
L43000-51900	0.09	11.73	1.9	6	0.38	2.6	4.60	25.25	0.08	0.05	0.14	0.035
L43000-51950	0.05	13.52	2.4	10	0.40	3.3	3.52	24.44	0.07	0.05	0.04	0.020
L43000-52000	0.06	14.43	1.7	5	0.24	1.4	4.44	19.68	0.07	0.02	0.08	0.030
L43000-52050	0.11	15.72	1.1	4	0.22	2.7	3.07	17.54	0.06	<0.02	0.04	0.015
L43000-52100	0.18	13.67	2.1	10	1.79	6.9	3.17	10.71	0.06	<0.02	0.06	0.018
L43000-52150	0.17	13.16	4.9	16	0.87	9.0	6.82	12.52	0.09	0.03	0.08	0.037

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An A2 Global Company

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 Unit 1, 20120 102nd Avenue
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 Phone: +1-604-888-0875

To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS:	YVR1610149
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Project Name: Keeper
 Job Received Date: 09-Nov-2016
 Job Report Date: 05-Jan-2017
 Report Version: Final

Sample ID	IMS-130 Cd ppm	IMS-130 Ce ppm	IMS-130 Co ppm	IMS-130 Cr ppm	IMS-130 Cs ppm	IMS-130 Cu ppm	IMS-130 Fe %	IMS-130 Ga ppm	IMS-130 Ge ppm	IMS-130 Hf ppm	IMS-130 Hg ppm	IMS-130 In ppm
L43000-52200	0.24	10.91	18.4	34	3.36	43.7	6.37	6.25	0.09	0.30	0.19	0.080
L43000-52250	0.19	11.85	8.4	28	2.07	30.7	6.18	10.46	0.10	0.34	0.12	0.057
L43000-52300	0.22	16.10	10.6	20	3.11	25.8	3.78	9.12	0.08	0.02	0.05	0.034
L43000-52350	0.30	21.02	11.0	23	3.46	34.1	1.85	9.48	0.07	0.03	0.13	0.038
L43000-52400	0.10	12.45	6.5	20	2.72	11.8	2.91	10.10	0.07	0.03	0.04	0.026
L43000-52450	0.12	8.19	5.8	20	1.12	16.9	4.39	12.34	0.07	0.03	0.12	0.026
L43000-52500	0.15	16.63	20.2	19	4.51	32.9	3.57	6.50	0.07	<0.02	0.04	0.026
L43100-51200	0.34	18.89	6.6	20	2.01	31.1	4.96	12.67	0.08	0.11	0.11	0.051
L43100-51250	0.26	11.26	6.8	18	0.56	21.0	3.30	6.49	0.06	<0.02	0.03	0.033
L43100-51300	0.44	11.96	5.4	16	1.62	19.8	1.41	9.79	0.05	0.02	0.08	0.033
L43100-51350	24.64	77.66	19.3	14	1.62	169.3	3.69	4.64	0.11	0.20	0.27	0.039
L43100-51400	0.08	26.21	3.4	9	1.16	8.9	1.25	3.60	0.05	<0.02	0.04	0.019
L43100-51450	0.43	11.44	1.3	5	0.30	3.8	1.77	6.92	<0.05	<0.02	0.03	0.026
L43100-51500	0.51	11.54	4.0	21	0.84	26.7	3.92	7.37	0.08	0.03	0.29	0.061
L43100-51550	0.66	25.71	6.4	10	2.07	34.6	2.01	4.23	0.06	0.05	0.07	0.018
L43100-51600	0.22	14.90	4.2	27	0.64	14.4	6.14	14.03	0.10	0.30	0.34	0.081
L43100-51650	0.63	12.52	4.1	24	0.53	18.8	6.86	16.66	0.09	0.14	0.21	0.069
L43100-51700	0.49	35.11	10.2	8	1.78	29.6	2.66	4.26	0.07	0.03	0.08	0.026
L43100-51750	0.16	14.22	5.2	25	1.71	14.0	6.03	9.15	0.08	0.31	0.19	0.063
L43100-51800	0.17	9.23	3.1	14	0.70	16.8	5.84	18.71	0.07	0.05	0.12	0.032
L43100-51850	0.29	22.85	4.6	2	0.97	5.9	4.87	11.13	0.09	0.06	0.15	0.059
L43100-51900	0.15	24.41	2.4	1	0.79	13.0	3.30	10.66	0.07	0.05	0.08	0.043
L43100-51950	0.23	5.47	4.1	30	0.49	20.0	11.88	22.74	0.12	0.10	0.09	0.085
L43100-52000	3.08	27.53	24.0	20	6.09	55.5	4.84	6.05	0.09	0.06	0.09	0.024
L43100-52050	0.11	5.77	6.6	15	3.65	18.3	2.54	6.23	0.06	<0.02	0.07	0.019

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An A2 Global Company

MS Analytical
Unit 1, 20120 102nd Avenue
Langley, BC V1M 4B4
Phone: +1-604-888-0875

To: Terracad Geoscience Services Ltd.
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610149

Project Name: Keeper
Job Received Date: 09-Nov-2016
Job Report Date: 05-Jan-2017
Report Version: Final

Table with 13 columns: Sample ID, IMS-130 Cd ppm, IMS-130 Ce ppm, IMS-130 Co ppm, IMS-130 Cr ppm, IMS-130 Cs ppm, IMS-130 Cu ppm, IMS-130 Fe %, IMS-130 Ga ppm, IMS-130 Ge ppm, IMS-130 Hf ppm, IMS-130 Hg ppm, IMS-130 In ppm. Rows include sample IDs from L43100-52100 to L43200-51950.

***Please refer to the cover page for comments regarding this certificate. ***



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MS Analytical
Unit 1, 20120 102nd Avenue
Langley, BC V1M 4B4
Phone: +1-604-888-0875

To: Terracad Geoscience Services Ltd.
Suite 880-409 Granville St.
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V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610149

Project Name: Keeper
Job Received Date: 09-Nov-2016
Job Report Date: 05-Jan-2017
Report Version: Final

Table with 13 columns (Sample ID, Cd, Ce, Co, Cr, Cs, Cu, Fe, Ga, Ge, Hf, Hg, In) and 30 rows of analytical data.

***Please refer to the cover page for comments regarding this certificate. ***



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CERTIFICATE OF ANALYSIS:	YVR1610149
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Project Name: Keeper
 Job Received Date: 09-Nov-2016
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Sample ID	IMS-130 Cd ppm	IMS-130 Ce ppm	IMS-130 Co ppm	IMS-130 Cr ppm	IMS-130 Cs ppm	IMS-130 Cu ppm	IMS-130 Fe %	IMS-130 Ga ppm	IMS-130 Ge ppm	IMS-130 Hf ppm	IMS-130 Hg ppm	IMS-130 In ppm
L43300-52150	0.52	12.91	8.6	21	1.97	21.8	6.88	12.34	0.10	0.08	0.12	0.050
L43300-52200	0.22	18.07	10.0	19	2.12	47.3	3.01	5.61	0.06	0.02	0.04	0.022
L43300-52250	0.17	7.75	2.0	10	1.05	9.8	2.09	5.62	<0.05	<0.02	0.08	0.013
L43300-52300	0.21	7.36	3.5	15	0.88	8.6	3.01	10.91	<0.05	0.03	0.03	0.016
L43300-52350	0.26	12.29	7.0	19	2.46	19.5	4.82	11.34	0.06	0.04	0.08	0.025
L43300-52400	0.30	13.75	5.1	18	1.70	22.8	4.13	10.80	0.06	0.04	0.04	0.023
L43300-52450	0.24	6.19	3.4	16	0.68	13.4	3.49	10.49	<0.05	<0.02	0.09	0.022
L43300-52500	0.26	12.40	8.6	24	1.92	26.8	3.92	10.40	0.06	0.03	0.10	0.037
L43400-51200	0.21	15.10	9.7	13	0.99	46.7	2.45	3.55	0.07	0.13	0.01	0.015
L43400-51250	0.44	17.26	7.0	15	1.49	66.9	2.97	5.37	<0.05	0.05	0.09	0.052
L43400-51300	0.85	25.76	13.0	16	1.27	66.7	4.16	10.95	0.07	0.03	0.15	0.087
L43400-51350	0.29	22.45	8.1	22	1.38	78.1	5.51	14.18	0.07	0.10	0.10	0.104
L43400-51400	0.66	25.59	25.0	32	0.92	124.2	1.38	2.85	0.06	0.34	0.08	0.028
L43400-51850	3.83	16.12	17.7	47	8.02	518.7	2.75	5.57	0.09	0.33	0.44	0.019
L43400-51900	0.29	8.10	3.7	19	0.74	12.3	4.73	12.53	0.06	0.05	0.09	0.046
L43400-51950	0.48	8.73	4.5	14	1.67	30.6	1.89	7.34	<0.05	0.03	0.15	0.027
L43400-52000	0.23	10.99	2.6	12	4.89	14.4	1.23	8.26	<0.05	0.02	0.05	0.021
L43400-52050	0.44	14.68	3.5	24	1.76	53.7	5.64	14.15	0.07	0.03	0.22	0.069
L43400-52100	0.27	12.24	10.7	20	3.91	20.3	3.76	9.82	0.05	<0.02	0.03	0.031
L43400-52150	0.09	6.24	1.2	8	0.27	2.5	1.88	11.54	<0.05	<0.02	0.02	0.013
L43400-52200	0.07	4.64	1.6	9	0.67	4.0	1.52	8.30	<0.05	<0.02	0.04	0.010
L43400-52250	0.73	23.23	22.4	26	2.31	29.8	2.31	6.70	0.08	<0.02	0.14	0.031
L43400-52300	0.12	6.12	2.3	11	0.61	7.6	2.47	10.74	<0.05	<0.02	0.06	0.020
L43400-52350	1.30	38.03	16.5	18	2.12	61.3	1.26	4.46	0.07	<0.02	0.28	0.021
L43400-52400	0.45	7.36	4.2	10	1.46	17.5	1.80	6.94	<0.05	<0.02	0.08	0.013

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To: **Terracad Geoscience Services Ltd.**
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V6C 1T2

CERTIFICATE OF ANALYSIS:	YVR1610149
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Project Name: Keeper
 Job Received Date: 09-Nov-2016
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Sample ID	IMS-130 Cd ppm	IMS-130 Ce ppm	IMS-130 Co ppm	IMS-130 Cr ppm	IMS-130 Cs ppm	IMS-130 Cu ppm	IMS-130 Fe %	IMS-130 Ga ppm	IMS-130 Ge ppm	IMS-130 Hf ppm	IMS-130 Hg ppm	IMS-130 In ppm
L43400-52450	0.16	7.15	4.3	21	1.18	15.0	4.80	15.80	0.06	0.02	0.14	0.033
L43400-52500	0.39	14.76	4.1	20	1.22	26.0	4.59	12.96	0.08	<0.02	0.11	0.033
L43500-51750	0.71	16.67	11.8	21	0.84	71.0	3.09	8.99	0.12	0.04	0.28	0.040
L43500-52000	0.39	10.74	5.4	17	2.15	14.5	3.62	14.71	0.06	0.02	0.06	0.042
L43500-52050	0.62	6.93	9.2	25	0.84	35.7	7.58	15.15	0.08	0.03	0.07	0.077
L43500-52100	0.17	4.89	1.7	16	0.25	3.7	2.07	10.75	<0.05	<0.02	0.02	0.015
L43500-52150	0.31	5.00	1.1	6	0.27	5.4	1.23	7.64	<0.05	<0.02	0.05	0.013
L43500-52200	0.24	12.55	6.4	16	2.68	27.8	3.17	9.89	0.06	<0.02	0.05	0.031
L43500-52250	0.09	6.82	1.9	8	1.95	8.0	1.10	9.60	<0.05	<0.02	0.06	0.014
L43500-52300	0.13	6.33	4.5	23	0.74	21.9	4.09	5.76	0.06	0.04	0.18	0.058
L43500-52350	0.24	14.36	12.7	15	2.46	19.2	3.69	9.87	0.06	0.03	0.06	0.030
L43500-52400	0.15	8.17	1.9	10	1.35	15.7	1.56	7.82	0.05	<0.02	0.06	0.017
L43500-52450	0.23	8.86	6.6	18	1.91	17.9	3.54	15.92	0.06	0.02	0.06	0.033
L43500-52500	0.14	7.07	1.1	7	3.17	4.5	1.14	6.96	<0.05	<0.02	0.02	0.010
L43600-51600	0.37	8.08	10.1	14	0.70	68.5	6.35	15.07	0.08	0.04	0.14	0.399
L43600-51650	0.26	9.56	2.7	29	0.53	5.4	4.24	16.52	0.07	0.04	0.06	0.043
L43600-51700	1.02	11.73	11.7	18	1.12	64.1	2.42	6.93	0.08	<0.02	0.15	0.042
L43600-51750	1.29	12.12	11.4	14	1.10	4.3	2.19	8.11	0.09	<0.02	0.09	0.036
L43600-51800	0.62	8.36	5.1	24	1.08	15.2	5.84	16.68	0.06	0.02	0.11	0.052
L43600-51850	0.15	7.75	3.1	12	0.79	6.2	2.48	10.48	<0.05	<0.02	0.04	0.023
L43600-51900	0.10	5.38	1.9	10	0.49	5.0	1.97	10.37	<0.05	<0.02	0.05	0.016
L43600-51950	0.17	6.29	4.1	19	0.61	11.0	2.14	9.93	<0.05	0.02	0.11	0.040
L43600-52000	0.09	4.56	1.9	7	0.32	1.8	1.31	9.22	<0.05	<0.02	0.02	0.013
L43600-52050	0.35	6.15	12.8	14	1.35	14.7	2.83	11.22	<0.05	<0.02	0.07	0.031
L43600-52100	0.18	9.66	5.1	14	2.82	24.5	2.06	10.03	<0.05	<0.02	0.05	0.025

Please refer to the cover page for comments regarding this certificate.



An A2 Global Company

MS Analytical
 Unit 1, 20120 102nd Avenue
 Langley, BC V1M 4B4
 Phone: +1-604-888-0875

To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS:	YVR1610149
---------------------------------	-------------------

Project Name: Keeper
 Job Received Date: 09-Nov-2016
 Job Report Date: 05-Jan-2017
 Report Version: Final

Sample ID	IMS-130 Cd ppm	IMS-130 Ce ppm	IMS-130 Co ppm	IMS-130 Cr ppm	IMS-130 Cs ppm	IMS-130 Cu ppm	IMS-130 Fe %	IMS-130 Ga ppm	IMS-130 Ge ppm	IMS-130 Hf ppm	IMS-130 Hg ppm	IMS-130 In ppm
L43600-52150	0.17	10.01	3.1	12	0.99	10.2	2.93	12.75	0.06	0.03	0.05	0.030
L43600-52200	0.17	10.80	4.3	14	1.18	14.2	3.15	10.62	0.07	<0.02	0.04	0.024
L43600-52250	0.10	5.55	6.5	21	0.53	19.7	5.02	11.97	0.06	<0.02	0.06	0.028
L43600-52350	0.24	6.06	5.3	25	0.81	15.5	7.43	14.07	0.09	0.04	0.09	0.056
L43600-52400	0.08	8.92	1.3	10	0.84	5.0	1.48	12.48	0.05	<0.02	0.02	0.014
L43600-52450	0.37	8.80	4.6	19	1.13	25.8	3.60	11.38	0.06	<0.02	0.08	0.024
L43600-52500	0.05	4.34	2.2	10	0.97	7.7	1.15	7.67	<0.05	<0.02	0.05	0.009
L13100-34850	0.29	19.01	22.6	120	1.22	34.6	5.42	9.82	0.12	0.05	0.05	0.050
L42600-66500	0.08	16.90	11.3	22	2.01	20.7	3.27	8.45	0.07	0.03	0.03	0.055
L43000-64750	0.19	34.97	12.3	28	1.84	34.5	4.35	9.28	0.08	0.03	0.07	0.047
DUP L42900-52100	0.12	12.79	3.1	13	0.71	10.6	3.12	8.98	0.05	<0.02	0.05	0.019
DUP L43100-51700	0.45	33.11	9.8	8	1.72	28.5	2.69	4.21	0.08	0.03	0.06	0.025
DUP L43100-51900	0.15	24.06	2.4	2	0.82	12.9	3.39	10.88	0.05	0.04	0.08	0.043
DUP L43200-52450	0.22	12.62	4.1	19	2.01	23.8	3.10	5.62	0.05	<0.02	0.05	0.018
DUP L43400-52300	0.12	6.39	2.3	11	0.64	7.5	2.49	11.11	<0.05	<0.02	0.06	0.019
STD BLANK	<0.01	<0.02	<0.1	<1	<0.05	<0.2	<0.01	<0.05	<0.05	<0.02	<0.01	<0.005
STD BLANK	<0.01	<0.02	<0.1	<1	<0.05	<0.2	<0.01	<0.05	<0.05	<0.02	<0.01	<0.005
STD BLANK	<0.01	<0.02	<0.1	<1	<0.05	<0.2	<0.01	<0.05	<0.05	<0.02	<0.01	<0.005
STD BLANK	<0.01	<0.02	<0.1	<1	<0.05	<0.2	<0.01	<0.05	<0.05	<0.02	<0.01	<0.005
STD BLANK	<0.01	<0.02	<0.1	<1	<0.05	<0.2	<0.01	<0.05	<0.05	<0.02	<0.01	<0.005
STD OREAS 24b	0.06	62.26	15.8	105	9.15	36.3	3.95	10.93	0.18	0.58	<0.01	0.045
STD GBM908-10	1.85	84.93	14.3	24	0.84	3665.9	2.72	4.59	0.13	0.53	0.01	0.026
STD OREAS 904	0.06	72.18	84.7	18	0.72	6329.8	6.30	3.58	0.12	0.60	0.03	0.183
STD OREAS 24b	0.06	61.14	15.7	106	9.11	37.5	4.04	11.06	0.17	0.58	<0.01	0.046
STD OREAS 904	0.06	73.89	83.5	18	0.67	6249.3	6.21	3.60	0.14	0.61	0.03	0.173

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Unit 1, 20120 102nd Avenue
Langley, BC V1M 4B4
Phone: +1-604-888-0875

To: Terracad Geoscience Services Ltd.
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610149

Project Name: Keeper
Job Received Date: 09-Nov-2016
Job Report Date: 05-Jan-2017
Report Version: Final

Table with 13 columns: Sample ID, K, La, Li, Mg, Mn, Mo, Na, Nb, Ni, P, Pb, Rb. Rows include sample IDs like L42500-51800, L42900-51300, etc., with corresponding concentration values in ppm and %.

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Project Name: Keeper
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Sample ID	IMS-130 K %	IMS-130 La ppm	IMS-130 Li ppm	IMS-130 Mg %	IMS-130 Mn ppm	IMS-130 Mo ppm	IMS-130 Na %	IMS-130 Nb ppm	IMS-130 Ni ppm	IMS-130 P ppm	IMS-130 Pb ppm	IMS-130 Rb ppm
L42900-52300	0.02	5.8	25.8	1.23	1463	0.95	0.01	1.54	17.3	1367	5.2	2.9
L42900-52350	0.03	3.1	1.7	0.19	148	0.62	0.02	1.10	5.0	701	4.7	2.3
L42900-52400	0.04	2.2	9.8	0.80	427	0.51	0.01	1.16	6.8	1612	3.8	8.4
L42900-52450	0.02	3.0	0.6	0.06	72	0.30	0.01	0.28	1.5	147	4.6	1.5
L42900-52500	0.03	3.1	1.0	0.10	125	0.53	0.02	1.27	2.4	221	6.7	1.6
L43000-51200	0.03	5.9	9.7	0.76	441	0.31	0.03	0.77	10.3	744	3.2	2.5
L43000-51250	0.02	3.6	4.0	0.27	141	0.30	0.02	0.72	3.9	277	3.6	1.7
L43000-51300	0.04	7.4	9.3	0.90	800	0.29	0.03	0.63	9.7	750	3.5	2.6
L43000-51350	0.04	14.2	18.5	0.58	1082	2.76	0.02	0.72	9.4	579	9.8	6.8
L43000-51400	0.03	4.4	16.9	0.85	540	2.54	0.01	3.81	7.9	290	14.4	4.7
L43000-51450	0.04	7.3	8.4	0.77	491	0.25	0.03	1.07	8.8	824	3.0	2.5
L43000-51500	0.06	6.5	11.1	0.94	714	0.66	0.03	0.94	11.5	712	7.3	4.0
L43000-51550	0.03	9.6	9.8	0.30	210	2.44	0.01	2.59	5.5	366	10.2	9.4
L43000-51600	0.03	9.5	0.8	0.04	99	2.25	<0.01	0.64	2.0	136	3.4	2.9
L43000-51650	0.03	7.9	0.7	0.04	79	3.39	0.01	0.56	1.7	84	2.8	2.4
L43000-51700	0.05	5.6	3.8	0.13	317	2.89	0.01	5.00	4.4	579	13.5	4.4
L43000-51750	0.02	10.5	28.2	0.14	135	2.50	0.01	2.96	4.0	400	8.0	2.9
L43000-51800	0.03	9.5	10.1	0.16	241	5.32	0.01	3.12	3.1	426	6.9	5.6
L43000-51850	0.02	5.2	14.1	0.13	101	3.33	0.01	3.08	2.3	370	6.4	2.0
L43000-51900	0.02	6.0	2.1	0.09	208	1.96	0.01	7.79	2.4	556	8.6	2.1
L43000-51950	0.03	6.7	3.1	0.16	194	0.77	0.02	4.73	3.5	280	10.0	2.9
L43000-52000	0.02	6.7	3.5	0.12	168	0.66	0.02	3.14	1.2	525	5.5	2.1
L43000-52050	0.02	7.8	1.6	0.07	100	1.26	0.01	1.96	1.2	186	3.9	1.5
L43000-52100	0.03	6.6	2.1	0.12	86	1.47	0.01	0.98	2.5	472	6.4	4.8
L43000-52150	0.04	6.0	4.9	0.29	108	1.74	0.01	3.15	5.2	452	5.6	2.4

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To: Terracad Geoscience Services Ltd.
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610149

Project Name: Keeper
Job Received Date: 09-Nov-2016
Job Report Date: 05-Jan-2017
Report Version: Final

Table with 13 columns: Sample ID, IMS-130 K %, IMS-130 La ppm, IMS-130 Li ppm, IMS-130 Mg %, IMS-130 Mn ppm, IMS-130 Mo ppm, IMS-130 Na %, IMS-130 Nb ppm, IMS-130 Ni ppm, IMS-130 P ppm, IMS-130 Pb ppm, IMS-130 Rb ppm. Rows include sample IDs from L43000-52200 to L43100-52050.

***Please refer to the cover page for comments regarding this certificate. ***



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CERTIFICATE OF ANALYSIS:	YVR1610149
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Project Name: Keeper
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Sample ID	IMS-130 K %	IMS-130 La ppm	IMS-130 Li ppm	IMS-130 Mg %	IMS-130 Mn ppm	IMS-130 Mo ppm	IMS-130 Na %	IMS-130 Nb ppm	IMS-130 Ni ppm	IMS-130 P ppm	IMS-130 Pb ppm	IMS-130 Rb ppm
L43100-52100	0.03	9.7	19.4	0.26	227	3.56	0.01	2.54	4.5	780	9.3	3.4
L43100-52150	0.02	5.3	3.4	0.06	442	2.90	0.01	1.38	3.0	568	5.0	3.3
L43100-52200	0.04	13.4	1.3	0.04	39	1.66	0.01	0.63	1.9	2060	4.0	1.3
L43100-52250	0.04	4.0	10.2	0.60	422	1.46	0.01	2.08	9.4	460	9.5	4.1
L43100-52300	0.01	13.8	1.6	0.05	837	2.74	0.01	0.83	4.5	2671	6.2	1.9
L43100-52350	0.01	13.5	1.1	0.04	1510	1.15	0.01	0.54	5.3	1429	1.5	0.7
L43100-52400	0.03	8.6	6.6	0.12	141	0.65	0.01	1.29	3.4	762	7.0	3.2
L43100-52450	0.04	8.7	17.7	0.44	544	0.60	0.02	0.88	9.3	864	5.5	3.5
L43100-52500	0.04	8.4	9.8	0.37	1902	1.92	0.01	1.20	7.1	909	10.7	6.9
L43200-51200	0.05	7.3	13.4	0.57	291	4.50	0.02	3.54	8.5	779	25.5	6.9
L43200-51250	0.04	9.5	10.9	0.58	698	10.50	0.02	3.43	11.1	911	18.1	6.9
L43200-51300	0.02	7.1	3.7	0.20	4720	25.92	0.01	2.54	3.4	1453	46.4	1.9
L43200-51350	0.05	5.0	2.8	0.22	353	2.47	0.01	1.90	3.8	202	26.0	9.7
L43200-51400	0.04	5.8	14.2	0.38	1734	2.56	0.02	2.09	7.5	898	36.2	13.4
L43200-51450	0.05	6.8	11.6	0.61	974	2.74	0.02	3.56	14.2	954	13.6	4.6
L43200-51500	0.04	14.5	9.6	0.24	607	4.48	0.01	2.78	10.4	1268	26.1	4.3
L43200-51550	0.04	7.9	9.0	0.40	657	1.64	0.01	1.35	8.3	745	24.1	3.0
L43200-51600	0.02	4.1	6.3	0.12	100	1.28	0.01	2.10	5.2	781	7.3	2.0
L43200-51650	0.02	7.8	0.6	0.04	60	0.84	0.01	0.69	0.9	243	4.9	2.2
L43200-51700	0.03	3.9	12.1	0.51	258	0.51	0.01	1.04	8.8	516	3.4	3.0
L43200-51750	0.04	9.5	1.5	0.07	250	1.76	0.01	1.63	2.9	445	8.9	7.8
L43200-51800	0.05	9.6	19.0	0.42	1111	2.68	0.01	5.18	7.4	608	11.8	9.6
L43200-51850	0.12	11.9	5.9	0.11	1570	1.97	<0.01	0.51	1.5	1733	10.9	16.8
L43200-51900	0.02	2.6	5.6	0.22	151	1.13	0.01	2.61	5.3	567	7.7	2.0
L43200-51950	0.03	3.4	11.7	0.58	530	1.22	0.01	2.50	9.0	1355	8.6	5.3

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 Unit 1, 20120 102nd Avenue
 Langley, BC V1M 4B4
 Phone: +1-604-888-0875

To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS:	YVR1610149
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Project Name: Keeper
 Job Received Date: 09-Nov-2016
 Job Report Date: 05-Jan-2017
 Report Version: Final

Sample ID	IMS-130 K %	IMS-130 La ppm	IMS-130 Li ppm	IMS-130 Mg %	IMS-130 Mn ppm	IMS-130 Mo ppm	IMS-130 Na %	IMS-130 Nb ppm	IMS-130 Ni ppm	IMS-130 P ppm	IMS-130 Pb ppm	IMS-130 Rb ppm
L43200-52000	0.04	3.2	1.4	0.06	41	0.38	0.01	0.41	1.4	281	7.5	4.7
L43200-52100	0.03	2.2	2.0	0.20	123	1.78	0.01	2.68	2.8	257	8.5	3.0
L43200-52150	0.03	6.4	13.3	0.49	554	0.82	0.02	1.87	7.2	991	8.2	4.6
L43200-52200	0.03	3.2	6.1	0.25	300	1.16	0.01	2.84	4.5	411	8.8	4.3
L43200-52250	0.03	3.8	1.0	0.07	161	1.09	0.01	1.88	2.5	254	6.7	5.0
L43200-52300	0.02	14.8	1.5	0.04	2785	1.59	0.02	0.55	6.3	1802	2.6	1.1
L43200-52350	0.05	7.8	7.3	0.42	978	1.44	0.01	3.16	8.3	811	11.5	7.7
L43200-52400	0.05	9.7	11.4	0.69	3409	2.40	0.02	1.24	10.4	1909	7.8	5.3
L43200-52450	0.04	5.9	3.0	0.26	166	0.85	0.01	0.94	5.3	664	5.6	4.6
L43200-52500	0.05	6.1	6.3	0.23	208	1.20	0.02	3.33	5.0	549	10.0	5.0
L43300-51200	0.04	7.1	10.8	0.56	476	1.22	0.02	1.88	11.3	442	15.6	4.8
L43300-51250	0.05	9.0	7.1	0.60	1021	1.37	0.02	1.27	11.0	761	16.3	3.9
L43300-51300	0.05	12.8	13.6	0.54	2616	4.62	0.02	2.66	13.1	1151	22.0	6.8
L43300-51350	0.04	8.0	7.5	0.35	2771	6.01	0.01	1.22	8.3	1424	27.7	6.0
L43300-51400	0.04	7.5	6.1	0.54	486	4.75	0.02	2.39	11.5	697	13.7	5.2
L43300-51450	0.04	4.8	2.4	0.06	173	2.17	0.01	0.98	4.4	923	10.5	4.3
L43300-51700	0.01	4.7	5.7	0.18	198	2.58	0.01	4.46	5.0	498	19.6	1.4
L43300-51750	0.10	17.5	8.9	0.68	1262	1.49	0.02	0.72	9.4	810	10.6	4.9
L43300-51800	0.05	8.7	10.9	0.46	710	3.26	0.01	1.89	8.2	756	8.4	7.6
L43300-51850	0.07	8.9	20.2	0.28	1879	1.14	<0.01	2.79	7.8	1953	16.4	6.2
L43300-51900	0.04	3.9	12.2	0.29	238	1.46	0.01	3.97	5.3	2110	52.0	9.1
L43300-51950	0.02	3.5	7.2	0.22	273	1.84	0.02	3.84	5.2	903	9.0	2.3
L43300-52000	0.02	3.2	6.5	0.28	552	1.13	0.01	2.74	6.0	610	11.1	2.8
L43300-52050	0.02	3.4	6.4	0.46	292	0.67	0.01	1.24	6.9	287	8.3	3.2
L43300-52100	0.03	3.6	10.4	0.66	902	1.33	0.01	0.95	9.1	608	8.8	3.1

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V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610149

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Project Name: Keeper
 Job Received Date: 09-Nov-2016
 Job Report Date: 05-Jan-2017
 Report Version: Final

Sample ID	IMS-130 K %	IMS-130 La ppm	IMS-130 Li ppm	IMS-130 Mg %	IMS-130 Mn ppm	IMS-130 Mo ppm	IMS-130 Na %	IMS-130 Nb ppm	IMS-130 Ni ppm	IMS-130 P ppm	IMS-130 Pb ppm	IMS-130 Rb ppm
L43400-52450	0.03	3.4	8.5	0.27	172	0.96	0.01	3.25	5.3	565	10.4	5.4
L43400-52500	0.03	6.8	6.1	0.24	238	1.42	0.01	3.07	5.6	628	7.3	3.4
L43500-51750	0.02	8.3	7.0	0.25	3582	6.67	0.01	3.97	5.7	1737	26.4	1.7
L43500-52000	0.03	5.2	9.6	0.24	638	1.84	0.01	5.74	5.4	397	14.6	5.1
L43500-52050	0.02	2.7	10.0	0.58	413	1.14	0.01	3.02	8.0	411	12.4	2.0
L43500-52100	0.01	2.5	0.9	0.03	148	0.64	0.01	1.21	2.1	170	9.3	0.9
L43500-52150	0.02	2.5	0.7	0.04	71	0.69	0.01	1.40	1.7	379	10.6	1.3
L43500-52200	0.03	6.2	15.4	0.39	556	1.26	0.01	2.34	6.6	708	8.4	5.4
L43500-52250	0.02	3.2	3.2	0.12	108	1.11	0.01	2.09	2.2	288	10.4	2.9
L43500-52300	0.02	3.2	7.5	0.32	179	0.98	0.01	2.67	5.4	747	10.0	1.7
L43500-52350	0.04	5.6	9.4	0.30	701	4.84	0.01	1.67	5.5	700	11.2	6.0
L43500-52400	0.02	5.0	8.0	0.15	116	1.69	0.01	1.08	2.5	562	7.5	5.0
L43500-52450	0.03	4.5	11.8	0.55	237	3.31	0.01	3.86	7.4	381	9.8	4.6
L43500-52500	0.03	3.4	1.6	0.07	88	0.55	0.01	1.47	1.7	292	11.4	5.6
L43600-51600	0.02	4.1	6.4	0.44	1376	1.86	0.01	3.56	8.8	969	31.3	2.1
L43600-51650	0.01	5.5	1.8	0.04	1803	2.02	<0.01	2.83	2.5	653	23.7	1.4
L43600-51700	0.02	5.2	10.2	0.42	1760	1.29	0.01	1.47	9.2	1096	21.1	1.9
L43600-51750	0.01	6.1	5.0	0.09	3257	0.90	0.01	0.40	4.5	1871	160.4	1.2
L43600-51800	0.02	4.3	5.5	0.24	595	1.47	0.01	3.25	5.7	939	21.5	1.9
L43600-51850	0.02	3.8	2.3	0.12	618	0.86	0.01	1.64	3.0	372	14.6	1.9
L43600-51900	0.02	2.6	1.5	0.09	239	0.62	0.01	2.49	2.0	436	14.1	1.7
L43600-51950	0.02	3.1	8.8	0.23	260	1.19	0.01	2.46	4.7	566	11.9	1.4
L43600-52000	0.01	2.2	2.6	0.11	156	0.70	0.01	2.32	1.8	255	12.7	0.7
L43600-52050	0.02	2.4	7.6	0.39	3474	1.42	0.01	1.50	4.0	559	10.9	2.5
L43600-52100	0.03	4.7	7.3	0.39	247	0.88	0.01	2.17	6.3	450	10.0	6.9

Please refer to the cover page for comments regarding this certificate.



An A2 Global Company

MS Analytical
 Unit 1, 20120 102nd Avenue
 Langley, BC V1M 4B4
 Phone: +1-604-888-0875

To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS:	YVR1610149
---------------------------------	-------------------

Project Name: Keeper
 Job Received Date: 09-Nov-2016
 Job Report Date: 05-Jan-2017
 Report Version: Final

Sample ID	IMS-130 K %	IMS-130 La ppm	IMS-130 Li ppm	IMS-130 Mg %	IMS-130 Mn ppm	IMS-130 Mo ppm	IMS-130 Na %	IMS-130 Nb ppm	IMS-130 Ni ppm	IMS-130 P ppm	IMS-130 Pb ppm	IMS-130 Rb ppm
L43600-52150	0.03	4.8	3.7	0.24	213	1.26	0.02	3.29	3.6	347	10.2	2.4
L43600-52200	0.03	4.5	6.4	0.22	262	1.20	0.02	2.65	3.8	406	9.6	2.7
L43600-52250	0.02	2.7	5.7	0.50	297	1.06	0.02	2.60	6.7	478	8.4	1.8
L43600-52350	0.03	3.1	6.8	0.43	224	2.89	0.02	5.56	5.6	423	7.1	2.1
L43600-52400	0.02	4.3	1.9	0.09	109	0.96	0.02	3.80	1.9	202	10.9	1.8
L43600-52450	0.03	4.1	7.2	0.35	272	1.18	0.02	2.48	5.3	482	7.6	3.7
L43600-52500	0.04	2.1	2.1	0.21	127	0.46	0.02	0.50	3.7	474	6.5	2.2
L13100-34850	0.04	9.9	29.7	2.29	1542	2.25	0.03	1.08	69.8	874	14.4	2.7
L42600-66500	0.06	7.5	22.7	0.67	449	1.68	0.02	1.45	25.7	773	8.6	6.2
L43000-64750	0.06	12.5	20.8	0.60	583	23.28	0.02	2.02	24.7	889	10.8	17.3
DUP L42900-52100	0.03	7.4	2.8	0.19	129	1.16	0.01	1.50	3.2	219	8.1	2.8
DUP L43100-51700	0.08	18.4	16.3	0.48	1442	0.82	0.01	0.50	6.1	1128	7.5	9.8
DUP L43100-51900	0.02	8.1	18.7	0.09	169	5.90	0.01	3.11	1.4	352	7.8	4.6
DUP L43200-52450	0.04	6.2	3.1	0.26	164	0.93	0.01	0.93	5.4	645	5.7	4.7
DUP L43400-52300	0.02	3.1	3.6	0.14	156	0.95	0.01	2.65	2.7	258	9.9	1.8
STD BLANK	<0.01	<0.2	<0.1	<0.01	<5	<0.05	<0.01	<0.05	<0.2	<10	<0.2	<0.1
STD BLANK	<0.01	<0.2	<0.1	<0.01	<5	<0.05	<0.01	<0.05	<0.2	<10	<0.2	<0.1
STD BLANK	<0.01	<0.2	<0.1	<0.01	<5	<0.05	<0.01	<0.05	<0.2	<10	<0.2	<0.1
STD BLANK	<0.01	<0.2	<0.1	<0.01	<5	<0.05	<0.01	<0.05	<0.2	<10	<0.2	<0.1
STD BLANK	<0.01	<0.2	<0.1	<0.01	<5	<0.05	<0.01	<0.05	<0.2	<10	<0.2	<0.1
STD OREAS 24b	1.18	31.0	47.5	1.41	344	3.91	0.11	0.38	58.7	631	8.8	110.8
STD GBM908-10	0.43	43.1	6.1	0.55	291	69.81	0.15	0.44	2234.9	818	2081.1	28.8
STD OREAS 904	0.65	34.2	3.6	0.15	401	2.11	0.01	<0.05	36.6	966	8.4	23.9
STD OREAS 24b	1.17	30.7	46.9	1.44	343	3.94	0.12	0.37	58.6	634	9.0	112.1
STD OREAS 904	0.63	34.6	3.6	0.14	402	2.14	0.02	0.07	36.4	934	8.4	23.9

Please refer to the cover page for comments regarding this certificate.



An A2 Global Company

MS Analytical
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 Phone: +1-604-888-0875

To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610149

Project Name: Keeper
 Job Received Date: 09-Nov-2016
 Job Report Date: 05-Jan-2017
 Report Version: Final

Sample ID	IMS-130 Re ppm	IMS-130 S %	IMS-130 Sb ppm	IMS-130 Sc ppm	IMS-130 Se ppm	IMS-130 Sn ppm	IMS-130 Sr ppm	IMS-130 Ta ppm	IMS-130 Te ppm	IMS-130 Th ppm	IMS-130 Ti %	IMS-130 Tl ppm
L42500-51800	<0.001	0.07	0.30	3.6	1.9	0.7	43.7	0.23	0.18	0.3	0.162	<0.02
L42500-51850	<0.001	0.06	0.55	4.8	1.9	0.6	43.8	0.19	0.19	1.1	0.113	0.03
L42500-51900	<0.001	0.05	0.46	2.4	1.4	1.0	30.0	0.02	0.15	0.3	0.128	0.07
L42500-51950	<0.001	0.03	0.34	2.1	0.8	1.4	33.4	0.02	0.11	0.2	0.223	0.06
L42900-51250	<0.001	0.02	0.21	1.8	0.5	0.4	28.9	<0.01	0.08	0.2	0.057	0.03
L42900-51300	<0.001	0.02	0.18	3.3	0.6	0.5	33.2	0.01	0.08	0.6	0.177	0.03
L42900-51350	<0.001	0.03	0.27	3.0	0.8	0.5	34.1	0.01	0.09	0.2	0.125	0.03
L42900-51400	<0.001	0.02	0.24	4.1	0.7	0.4	40.2	0.01	0.07	0.5	0.142	0.03
L42900-51450	<0.001	0.04	0.40	2.9	1.0	0.6	20.8	0.01	0.11	0.8	0.119	0.03
L42900-51500	<0.001	0.03	0.50	2.4	0.8	0.8	23.9	0.01	0.09	0.3	0.095	0.02
L42900-51550	<0.001	0.04	0.47	4.4	1.1	1.0	20.3	0.02	0.15	1.3	0.228	0.03
L42900-51600	0.002	0.15	0.55	0.3	6.3	0.3	120.5	0.11	0.11	<0.2	<0.005	<0.02
L42900-51650	<0.001	0.03	0.20	4.4	1.3	0.6	60.3	0.02	0.07	0.8	0.054	0.11
L42900-51700	<0.001	0.02	0.19	3.7	0.7	0.6	57.8	0.02	0.05	1.0	0.029	0.11
L42900-51750	<0.001	0.02	0.10	0.6	0.7	0.6	5.0	0.01	0.03	<0.2	0.021	0.04
L42900-51800	<0.001	0.01	0.12	0.5	0.7	0.5	4.6	0.01	0.01	0.2	0.032	<0.02
L42900-51850	<0.001	0.08	0.28	1.5	2.4	0.4	66.7	0.03	0.07	0.2	0.033	0.05
L42900-51900	<0.001	0.04	0.38	5.3	1.7	0.5	46.6	0.02	0.03	3.0	0.043	0.07
L42900-51950	<0.001	0.05	0.26	5.7	0.7	0.4	27.3	0.01	0.04	5.8	0.110	0.03
L42900-52000	<0.001	0.05	0.32	7.0	1.0	0.6	19.9	0.16	0.08	7.0	0.119	0.04
L42900-52050	<0.001	0.04	0.35	2.6	0.9	0.7	19.8	0.03	0.05	1.1	0.089	0.04
L42900-52100	<0.001	0.02	1.28	3.5	0.9	0.8	18.8	<0.01	0.09	0.9	0.114	0.03
L42900-52150	<0.001	0.03	2.14	4.3	0.8	1.2	17.9	0.04	0.10	1.1	0.254	0.03
L42900-52200	<0.001	0.04	0.11	2.9	1.1	0.3	4.7	<0.01	0.07	3.7	<0.005	0.06
L42900-52250	<0.001	0.03	1.54	2.8	1.0	0.4	36.8	0.01	0.11	0.4	0.050	0.05

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To: Terracad Geoscience Services Ltd.
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610149

Project Name: Keeper
Job Received Date: 09-Nov-2016
Job Report Date: 05-Jan-2017
Report Version: Final

Table with 13 columns: Sample ID, Re, S, Sb, Sc, Se, Sn, Sr, Ta, Te, Th, Ti, Tl. Rows include sample IDs from L42900-52300 to L43000-52150 with corresponding concentration values in ppm and %.

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Project Name: Keeper
 Job Received Date: 09-Nov-2016
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Sample ID	IMS-130 Re ppm	IMS-130 S %	IMS-130 Sb ppm	IMS-130 Sc ppm	IMS-130 Se ppm	IMS-130 Sn ppm	IMS-130 Sr ppm	IMS-130 Ta ppm	IMS-130 Te ppm	IMS-130 Th ppm	IMS-130 Ti %	IMS-130 Tl ppm
L43000-52200	<0.001	0.07	0.90	8.2	1.3	0.4	19.5	0.03	0.17	1.6	0.070	0.04
L43000-52250	<0.001	0.04	0.54	6.7	1.5	0.6	28.9	0.09	0.13	1.3	0.207	<0.02
L43000-52300	<0.001	0.04	0.43	2.4	1.9	0.7	39.9	0.02	0.07	0.4	0.097	0.05
L43000-52350	<0.001	0.09	0.16	1.4	2.4	1.2	35.7	0.15	0.09	<0.2	0.066	0.08
L43000-52400	<0.001	0.03	0.24	2.5	1.0	1.4	32.8	<0.01	0.06	<0.2	0.174	0.06
L43000-52450	<0.001	0.04	0.20	2.2	1.3	1.0	27.7	0.01	0.23	<0.2	0.172	0.04
L43000-52500	<0.001	0.03	0.27	2.0	1.2	0.5	48.5	<0.01	0.13	<0.2	0.072	0.05
L43100-51200	<0.001	0.03	0.29	4.7	1.1	1.1	21.6	0.03	0.15	1.9	0.213	0.04
L43100-51250	<0.001	0.03	0.30	2.8	0.8	0.4	44.3	<0.01	0.11	0.2	0.094	<0.02
L43100-51300	<0.001	0.03	0.58	2.6	0.8	0.9	39.6	0.01	0.09	<0.2	0.117	0.05
L43100-51350	0.044	0.14	5.96	5.2	6.8	0.3	83.8	0.05	0.28	1.4	0.021	0.82
L43100-51400	<0.001	0.02	0.42	2.0	0.8	0.3	24.0	<0.01	0.06	0.6	0.031	0.03
L43100-51450	<0.001	0.02	0.40	1.5	0.8	0.6	14.9	<0.01	0.06	<0.2	0.029	<0.02
L43100-51500	<0.001	0.08	0.28	3.6	2.3	0.4	10.4	0.16	0.15	0.2	0.085	<0.02
L43100-51550	0.001	0.06	0.37	2.7	1.9	0.3	44.8	0.02	0.07	0.7	0.022	0.10
L43100-51600	<0.001	0.06	0.32	8.1	2.0	0.6	14.1	0.11	0.20	2.1	0.220	<0.02
L43100-51650	<0.001	0.07	0.33	4.4	2.2	0.5	12.8	0.18	0.25	1.0	0.252	<0.02
L43100-51700	<0.001	0.04	1.17	3.7	1.6	0.3	32.7	0.01	0.15	1.2	0.023	0.05
L43100-51750	<0.001	0.05	0.54	6.6	1.2	0.5	16.6	0.03	0.17	2.6	0.098	0.03
L43100-51800	<0.001	0.04	0.50	3.0	1.2	1.1	17.0	0.02	0.15	0.8	0.237	0.03
L43100-51850	<0.001	0.04	0.21	5.6	1.6	0.6	7.8	0.06	0.07	6.1	0.037	0.06
L43100-51900	<0.001	0.03	0.13	4.6	1.3	1.0	4.3	0.13	0.05	5.6	0.045	0.04
L43100-51950	<0.001	0.06	0.61	3.7	1.7	0.9	14.2	0.16	0.09	1.6	0.370	0.03
L43100-52000	0.002	0.08	2.50	4.9	3.3	0.3	61.7	0.03	0.14	0.6	0.028	0.34
L43100-52050	<0.001	0.03	1.32	2.7	1.8	0.4	54.3	0.01	0.07	<0.2	0.032	0.06

Please refer to the cover page for comments regarding this certificate.



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Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS:	YVR1610149
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Project Name: Keeper
 Job Received Date: 09-Nov-2016
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Sample ID	IMS-130 Re ppm	IMS-130 S %	IMS-130 Sb ppm	IMS-130 Sc ppm	IMS-130 Se ppm	IMS-130 Sn ppm	IMS-130 Sr ppm	IMS-130 Ta ppm	IMS-130 Te ppm	IMS-130 Th ppm	IMS-130 Ti %	IMS-130 Tl ppm
L43100-52100	<0.001	0.05	0.46	2.0	2.4	1.4	24.2	0.01	0.09	<0.2	0.078	0.07
L43100-52150	0.001	0.08	0.40	1.8	3.4	0.5	84.9	0.01	0.06	<0.2	0.089	0.03
L43100-52200	0.001	0.19	0.24	0.8	9.5	<0.2	46.3	0.04	0.05	<0.2	0.010	0.02
L43100-52250	<0.001	0.04	0.70	2.4	1.7	1.0	41.4	<0.01	0.05	<0.2	0.176	0.05
L43100-52300	0.002	0.23	0.13	0.8	9.2	0.2	76.7	0.04	0.09	<0.2	0.013	0.09
L43100-52350	0.002	0.12	0.24	1.3	12.2	<0.2	61.0	0.03	0.12	0.3	0.013	0.03
L43100-52400	<0.001	0.06	0.16	1.4	3.2	0.8	28.1	0.01	0.06	<0.2	0.073	0.03
L43100-52450	<0.001	0.08	0.20	2.7	4.1	0.5	50.1	0.04	0.06	<0.2	0.062	0.05
L43100-52500	<0.001	0.07	0.15	1.7	2.2	1.0	24.3	0.02	0.06	<0.2	0.097	0.07
L43200-51200	<0.001	0.06	0.28	1.8	1.5	1.5	23.0	0.01	0.04	<0.2	0.174	0.07
L43200-51250	<0.001	0.05	0.28	2.5	1.6	1.7	30.6	0.07	0.07	<0.2	0.094	0.05
L43200-51300	<0.001	0.06	1.69	3.8	2.3	0.6	21.3	0.17	0.20	0.8	0.153	0.04
L43200-51350	<0.001	0.01	2.21	3.1	0.7	1.6	32.9	<0.01	0.05	0.6	0.209	0.08
L43200-51400	<0.001	0.06	0.84	2.7	1.4	1.4	29.4	0.02	0.06	0.2	0.106	0.08
L43200-51450	0.002	0.06	1.15	3.9	2.3	0.7	61.6	0.08	0.07	0.4	0.107	0.05
L43200-51500	0.001	0.09	0.79	2.8	2.7	0.8	36.2	0.04	0.08	0.6	0.066	0.06
L43200-51550	<0.001	0.05	1.04	4.4	1.5	0.7	28.0	0.05	0.09	0.7	0.059	0.04
L43200-51600	<0.001	0.09	0.20	2.5	2.7	0.3	13.4	0.11	0.14	0.4	0.071	0.03
L43200-51650	<0.001	0.02	0.22	1.2	0.7	0.5	12.8	<0.01	0.03	0.3	0.045	0.03
L43200-51700	<0.001	0.04	0.40	4.9	1.2	0.2	23.4	0.03	0.07	1.1	0.086	0.02
L43200-51750	0.001	0.04	0.59	2.5	1.9	0.8	40.9	<0.01	0.10	0.2	0.134	0.06
L43200-51800	<0.001	0.03	0.37	3.0	1.0	1.2	23.6	0.08	0.20	2.6	0.188	0.05
L43200-51850	<0.001	0.03	0.15	2.9	1.0	0.3	4.9	<0.01	0.08	4.7	0.006	0.07
L43200-51900	<0.001	0.07	0.51	4.9	2.0	0.3	15.1	0.04	0.12	0.9	0.166	0.02
L43200-51950	<0.001	0.06	0.63	3.5	1.7	0.4	29.7	0.11	0.14	0.4	0.105	0.03

Please refer to the cover page for comments regarding this certificate.



An A2 Global Company

MS Analytical
 Unit 1, 20120 102nd Avenue
 Langley, BC V1M 4B4
 Phone: +1-604-888-0875

To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS:	YVR1610149
---------------------------------	-------------------

Project Name: Keeper
 Job Received Date: 09-Nov-2016
 Job Report Date: 05-Jan-2017
 Report Version: Final

Sample ID	IMS-130 Re ppm	IMS-130 S %	IMS-130 Sb ppm	IMS-130 Sc ppm	IMS-130 Se ppm	IMS-130 Sn ppm	IMS-130 Sr ppm	IMS-130 Ta ppm	IMS-130 Te ppm	IMS-130 Th ppm	IMS-130 Ti %	IMS-130 Tl ppm
L43200-52000	<0.001	0.01	4.27	1.4	0.5	0.6	13.7	<0.01	0.05	0.3	0.016	0.07
L43200-52100	<0.001	0.02	0.51	4.1	0.8	0.9	22.2	<0.01	0.05	0.3	0.223	0.05
L43200-52150	<0.001	0.08	0.26	2.4	1.9	0.5	47.2	0.15	0.11	<0.2	0.123	0.03
L43200-52200	<0.001	0.05	0.33	3.0	1.3	0.9	49.9	<0.01	0.08	<0.2	0.175	0.05
L43200-52250	<0.001	0.02	0.34	1.4	0.9	1.3	27.8	<0.01	0.05	<0.2	0.131	0.04
L43200-52300	0.004	0.16	0.29	1.1	10.5	<0.2	58.9	0.02	0.06	0.2	0.008	0.09
L43200-52350	<0.001	0.05	0.17	2.6	1.6	1.9	34.4	0.01	0.04	0.2	0.173	0.04
L43200-52400	<0.001	0.12	0.11	2.4	2.4	0.7	30.1	0.03	0.08	<0.2	0.108	0.10
L43200-52450	<0.001	0.06	0.14	1.3	1.6	0.7	31.5	<0.01	0.04	<0.2	0.073	0.04
L43200-52500	<0.001	0.04	0.11	2.4	1.1	1.4	17.4	<0.01	0.04	<0.2	0.163	0.07
L43300-51200	<0.001	0.03	0.40	7.2	1.3	0.8	30.3	0.05	0.10	2.5	0.112	0.04
L43300-51250	<0.001	0.06	0.47	4.9	1.6	0.7	39.2	0.03	0.12	0.5	0.095	0.04
L43300-51300	<0.001	0.07	0.49	2.6	1.9	1.7	28.7	0.18	0.11	<0.2	0.061	0.09
L43300-51350	<0.001	0.10	0.51	1.9	2.4	1.0	28.1	0.09	0.09	<0.2	0.070	0.09
L43300-51400	<0.001	0.05	0.46	3.0	1.3	1.2	33.8	<0.01	0.11	<0.2	0.186	0.06
L43300-51450	<0.001	0.05	0.93	1.1	1.4	1.0	18.8	<0.01	0.04	<0.2	0.050	0.08
L43300-51700	<0.001	0.07	0.35	6.7	1.8	0.6	15.4	0.10	0.13	1.3	0.198	<0.02
L43300-51750	<0.001	0.01	0.38	6.4	0.7	0.3	51.1	0.01	0.09	2.9	0.073	0.04
L43300-51800	<0.001	0.03	0.42	4.6	1.8	0.6	49.1	0.11	0.13	0.4	0.118	0.07
L43300-51850	<0.001	0.07	9.07	2.9	2.3	0.2	61.3	0.02	0.39	0.5	0.036	0.07
L43300-51900	<0.001	0.03	0.26	4.1	1.1	0.8	19.8	<0.01	0.35	1.3	0.092	0.09
L43300-51950	<0.001	0.07	0.47	4.4	2.0	0.6	13.5	0.18	0.30	0.4	0.176	0.02
L43300-52000	<0.001	0.04	0.59	3.7	1.5	0.6	24.6	0.03	0.11	0.5	0.206	0.04
L43300-52050	<0.001	0.02	0.39	3.0	0.8	0.6	43.2	<0.01	0.07	<0.2	0.199	0.05
L43300-52100	<0.001	0.04	0.32	2.5	1.0	0.5	40.3	<0.01	0.08	<0.2	0.107	0.04

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To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS:	YVR1610149
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Project Name: Keeper
 Job Received Date: 09-Nov-2016
 Job Report Date: 05-Jan-2017
 Report Version: Final

Sample ID	IMS-130 Re ppm	IMS-130 S %	IMS-130 Sb ppm	IMS-130 Sc ppm	IMS-130 Se ppm	IMS-130 Sn ppm	IMS-130 Sr ppm	IMS-130 Ta ppm	IMS-130 Te ppm	IMS-130 Th ppm	IMS-130 Ti %	IMS-130 Tl ppm
L43300-52150	<0.001	0.04	0.36	5.1	1.5	0.5	29.4	0.02	0.01	0.4	0.157	0.04
L43300-52200	<0.001	0.05	0.26	2.7	1.3	0.5	42.6	<0.01	0.16	<0.2	0.069	0.04
L43300-52250	<0.001	0.03	0.40	1.1	1.0	0.7	21.7	<0.01	0.12	<0.2	0.060	0.05
L43300-52300	<0.001	0.03	0.19	3.0	0.8	0.9	26.9	<0.01	0.09	<0.2	0.256	0.05
L43300-52350	<0.001	0.04	0.42	2.9	1.2	1.1	26.4	<0.01	0.10	<0.2	0.226	0.06
L43300-52400	<0.001	0.04	0.20	2.6	1.2	1.4	27.3	0.01	0.06	<0.2	0.186	0.05
L43300-52450	<0.001	0.05	0.10	2.0	1.3	0.6	19.0	<0.01	0.08	<0.2	0.109	0.05
L43300-52500	<0.001	0.04	0.16	3.9	1.7	0.6	40.7	0.02	0.07	<0.2	0.122	0.05
L43400-51200	<0.001	<0.01	0.27	5.0	0.5	0.2	80.6	<0.01	0.08	1.9	0.098	<0.02
L43400-51250	<0.001	0.04	0.23	4.4	1.1	0.7	29.5	0.08	0.07	0.8	0.081	0.04
L43400-51300	<0.001	0.07	0.36	2.6	1.9	0.9	29.1	0.05	0.11	<0.2	0.111	0.07
L43400-51350	<0.001	0.07	0.42	5.2	2.2	1.3	19.6	0.31	0.13	0.5	0.196	0.05
L43400-51400	<0.001	0.08	0.26	8.0	2.6	<0.2	9.5	<0.01	0.08	0.7	0.032	0.04
L43400-51850	0.004	0.14	2.76	13.2	3.3	0.3	82.1	0.04	0.44	0.5	0.027	0.26
L43400-51900	<0.001	0.04	0.47	4.0	1.1	1.0	27.9	0.05	0.10	0.3	0.237	0.03
L43400-51950	<0.001	0.06	0.36	1.6	1.6	0.6	29.4	<0.01	0.05	0.4	0.077	0.04
L43400-52000	<0.001	0.02	0.12	1.6	1.0	1.5	20.2	0.01	0.02	0.2	0.240	0.08
L43400-52050	<0.001	0.09	0.25	1.9	2.5	0.9	14.0	0.02	0.10	<0.2	0.093	0.04
L43400-52100	0.002	0.03	0.52	3.4	1.7	1.0	50.0	<0.01	0.08	0.2	0.126	0.06
L43400-52150	<0.001	0.02	0.32	1.5	0.7	1.1	16.0	<0.01	0.02	<0.2	0.126	0.02
L43400-52200	<0.001	0.02	0.37	1.7	0.7	1.0	19.9	<0.01	0.02	<0.2	0.214	0.03
L43400-52250	0.001	0.09	0.19	2.7	4.6	0.6	31.2	0.09	0.11	<0.2	0.047	0.04
L43400-52300	<0.001	0.03	0.39	1.8	1.0	1.2	19.0	<0.01	0.03	<0.2	0.156	0.04
L43400-52350	<0.001	0.19	0.23	0.8	4.7	0.4	14.2	0.04	0.11	<0.2	0.005	0.22
L43400-52400	<0.001	0.05	0.20	1.2	1.7	0.6	19.6	<0.01	0.04	<0.2	0.100	0.05

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To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS:	YVR1610149
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Project Name: Keeper
 Job Received Date: 09-Nov-2016
 Job Report Date: 05-Jan-2017
 Report Version: Final

Sample ID	IMS-130 Re ppm	IMS-130 S %	IMS-130 Sb ppm	IMS-130 Sc ppm	IMS-130 Se ppm	IMS-130 Sn ppm	IMS-130 Sr ppm	IMS-130 Ta ppm	IMS-130 Te ppm	IMS-130 Th ppm	IMS-130 Ti %	IMS-130 Tl ppm
L43400-52450	<0.001	0.05	0.13	3.4	1.3	0.9	17.5	0.02	0.06	0.5	0.174	0.06
L43400-52500	<0.001	0.06	0.11	2.5	2.0	1.0	17.8	0.01	0.09	<0.2	0.132	0.05
L43500-51750	<0.001	0.09	0.14	3.0	2.5	0.7	21.5	0.08	0.14	0.4	0.088	<0.02
L43500-52000	<0.001	0.03	0.70	2.4	1.2	1.8	25.4	0.02	0.05	<0.2	0.218	0.06
L43500-52050	<0.001	0.05	0.93	3.8	1.1	0.8	31.2	0.01	0.12	0.4	0.229	0.02
L43500-52100	<0.001	0.01	0.76	1.9	0.6	1.1	20.1	<0.01	0.04	<0.2	0.135	<0.02
L43500-52150	<0.001	0.04	0.28	1.2	1.0	0.9	21.3	<0.01	0.04	<0.2	0.108	<0.02
L43500-52200	<0.001	0.05	0.43	1.9	1.2	1.2	30.7	0.01	0.04	0.4	0.103	0.06
L43500-52250	<0.001	0.02	0.30	1.2	0.7	1.2	18.7	<0.01	0.02	<0.2	0.143	0.06
L43500-52300	<0.001	0.07	0.18	4.3	2.2	0.3	16.2	0.17	0.07	0.5	0.067	0.03
L43500-52350	<0.001	0.07	0.15	1.1	1.9	0.8	23.2	<0.01	0.03	0.5	0.102	0.06
L43500-52400	<0.001	0.05	0.11	1.1	1.8	0.9	28.2	<0.01	0.04	<0.2	0.071	0.05
L43500-52450	<0.001	0.05	0.14	2.8	1.8	1.2	30.9	0.01	0.05	0.3	0.166	0.05
L43500-52500	<0.001	0.02	0.07	1.2	0.7	1.0	17.1	<0.01	<0.01	<0.2	0.150	0.07
L43600-51600	<0.001	0.04	0.32	3.5	1.2	2.4	28.9	0.04	0.33	0.3	0.198	0.04
L43600-51650	<0.001	0.02	0.17	3.5	0.8	1.3	6.4	0.05	0.13	0.3	0.289	0.03
L43600-51700	<0.001	0.05	0.60	4.4	1.6	0.4	32.5	0.01	0.14	0.2	0.082	0.03
L43600-51750	<0.001	0.05	0.51	2.3	1.3	0.4	24.5	0.03	0.16	<0.2	0.063	<0.02
L43600-51800	<0.001	0.04	0.40	2.7	1.3	1.1	28.5	0.02	0.15	<0.2	0.202	0.03
L43600-51850	<0.001	0.02	0.29	1.7	0.7	1.1	23.0	<0.01	0.10	<0.2	0.167	0.05
L43600-51900	<0.001	0.02	0.33	2.0	0.6	1.3	40.4	<0.01	0.07	<0.2	0.233	0.03
L43600-51950	<0.001	0.05	0.44	2.0	1.3	0.9	35.3	<0.01	0.08	<0.2	0.140	0.03
L43600-52000	<0.001	0.02	0.39	1.9	0.6	1.1	45.8	<0.01	0.04	<0.2	0.246	0.02
L43600-52050	<0.001	0.03	0.27	2.7	0.8	0.7	59.0	<0.01	0.05	<0.2	0.243	0.09
L43600-52100	<0.001	0.02	0.22	2.2	1.0	1.1	30.7	<0.01	0.04	<0.2	0.147	0.07

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 Unit 1, 20120 102nd Avenue
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To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS:	YVR1610149
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Project Name: Keeper
 Job Received Date: 09-Nov-2016
 Job Report Date: 05-Jan-2017
 Report Version: Final

Sample ID	IMS-130 Re ppm	IMS-130 S %	IMS-130 Sb ppm	IMS-130 Sc ppm	IMS-130 Se ppm	IMS-130 Sn ppm	IMS-130 Sr ppm	IMS-130 Ta ppm	IMS-130 Te ppm	IMS-130 Th ppm	IMS-130 Ti %	IMS-130 Tl ppm
L43600-52150	<0.001	0.03	0.71	2.1	1.1	1.4	24.7	0.04	0.08	0.3	0.220	0.05
L43600-52200	<0.001	0.04	0.56	1.4	1.4	1.4	23.5	0.05	0.11	<0.2	0.126	0.05
L43600-52250	<0.001	0.04	0.83	2.8	1.3	0.7	29.7	0.03	0.12	0.2	0.156	0.03
L43600-52350	<0.001	0.06	0.18	3.4	1.7	0.8	21.9	0.12	0.15	0.6	0.226	0.03
L43600-52400	<0.001	0.02	0.17	1.7	0.8	2.0	22.8	0.04	0.04	<0.2	0.205	0.05
L43600-52450	<0.001	0.04	0.18	2.6	1.5	0.8	25.6	0.03	0.17	0.2	0.182	0.07
L43600-52500	<0.001	0.03	<0.05	0.9	1.0	0.6	24.5	0.03	0.06	<0.2	0.055	0.04
L13100-34850	0.002	0.07	0.32	11.9	2.4	0.6	25.7	0.01	0.03	0.4	0.150	0.06
L42600-66500	<0.001	0.03	0.56	4.5	1.2	0.4	17.2	0.05	0.02	0.5	0.033	0.10
L43000-64750	<0.001	0.02	0.35	5.8	1.1	0.6	14.9	0.05	0.08	1.9	0.063	0.12
DUP L42900-52100	<0.001	0.02	1.38	3.6	1.0	0.8	18.6	<0.01	0.13	1.0	0.111	0.04
DUP L43100-51700	<0.001	0.04	1.17	3.6	1.5	0.3	32.4	0.01	0.11	1.2	0.024	0.05
DUP L43100-51900	<0.001	0.03	0.13	4.5	2.0	1.0	4.7	0.13	0.06	5.8	0.047	0.04
DUP L43200-52450	<0.001	0.06	0.15	1.4	1.6	0.8	30.6	<0.01	0.07	<0.2	0.074	0.04
DUP L43400-52300	<0.001	0.03	0.33	1.9	1.0	1.2	20.1	<0.01	0.03	<0.2	0.158	0.04
STD BLANK	<0.001	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005	<0.02
STD BLANK	<0.001	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005	<0.02
STD BLANK	<0.001	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005	<0.02
STD BLANK	<0.001	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005	<0.02
STD BLANK	<0.001	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005	<0.02
STD OREAS 24b	<0.001	0.19	0.41	10.0	0.5	2.4	30.6	0.02	0.06	14.4	0.209	0.63
STD GBM908-10	0.001	0.35	1.10	2.3	0.9	2.1	41.4	0.01	0.07	18.4	0.337	0.24
STD OREAS 904	<0.001	0.04	0.81	3.9	2.6	0.7	16.7	<0.01	0.06	8.1	0.008	0.17
STD OREAS 24b	<0.001	0.19	0.36	9.6	0.5	2.4	30.0	0.01	0.03	14.4	0.205	0.65
STD OREAS 904	<0.001	0.03	0.82	3.8	2.6	0.6	16.3	0.03	0.04	7.7	0.007	0.16

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CERTIFICATE OF ANALYSIS: YVR1610149

Project Name: Keeper
Job Received Date: 09-Nov-2016
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Sample ID	IMS-130 U ppm	IMS-130 V ppm	IMS-130 W ppm	IMS-130 Y ppm	IMS-130 Zn ppm	IMS-130 Zr ppm
L42500-51800	0.77	85	0.48	5.34	76	1.7
L42500-51850	1.05	91	0.82	6.22	72	3.2
L42500-51900	0.81	82	0.35	6.14	126	0.7
L42500-51950	0.40	78	0.29	2.55	42	0.8
L42900-51250	0.19	55	0.15	1.20	8	<0.5
L42900-51300	0.34	104	0.19	2.18	20	1.5
L42900-51350	0.43	81	0.23	3.51	40	1.0
L42900-51400	0.40	92	0.28	3.81	44	1.0
L42900-51450	0.40	128	0.35	1.76	26	0.6
L42900-51500	0.42	89	0.31	2.62	13	0.5
L42900-51550	0.79	158	0.36	3.07	38	2.3
L42900-51600	0.60	9	0.15	2.98	10	1.7
L42900-51650	6.45	75	0.21	13.50	121	<0.5
L42900-51700	1.59	58	0.39	5.06	77	<0.5
L42900-51750	0.62	25	0.10	1.47	<2	<0.5
L42900-51800	0.27	28	0.09	0.68	2	<0.5
L42900-51850	20.71	53	0.23	5.01	58	<0.5
L42900-51900	1.59	61	0.19	16.74	62	<0.5
L42900-51950	0.71	73	0.23	5.65	62	5.0
L42900-52000	1.26	85	0.41	5.82	50	7.0
L42900-52050	0.46	124	0.34	2.00	21	1.2
L42900-52100	0.44	99	0.27	3.42	24	1.1
L42900-52150	0.40	198	0.37	2.89	36	2.6
L42900-52200	0.56	33	0.15	2.03	30	0.6
L42900-52250	0.61	83	0.46	2.28	35	<0.5

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Project Name: Keeper
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Job Report Date: 05-Jan-2017
Report Version: Final

Sample ID	IMS-130 U ppm	IMS-130 V ppm	IMS-130 W ppm	IMS-130 Y ppm	IMS-130 Zn ppm	IMS-130 Zr ppm
L42900-52300	0.69	126	0.56	9.44	109	0.6
L42900-52350	0.35	90	0.18	2.61	17	0.7
L42900-52400	0.31	119	0.22	1.62	51	<0.5
L42900-52450	0.17	53	0.11	0.85	8	<0.5
L42900-52500	0.24	115	0.25	1.26	14	0.6
L43000-51200	0.35	81	0.18	5.69	57	1.3
L43000-51250	0.34	73	0.18	1.85	21	0.7
L43000-51300	0.42	78	0.16	8.33	53	0.7
L43000-51350	1.30	85	0.32	20.11	102	<0.5
L43000-51400	0.56	120	0.45	2.52	73	3.4
L43000-51450	0.38	73	0.19	7.14	49	4.9
L43000-51500	0.49	82	0.47	7.28	78	0.7
L43000-51550	0.80	85	0.62	4.69	55	1.3
L43000-51600	0.64	66	0.26	3.40	17	<0.5
L43000-51650	0.30	69	0.21	1.29	14	0.6
L43000-51700	0.68	94	0.39	2.25	29	0.9
L43000-51750	0.86	85	0.33	10.22	36	1.9
L43000-51800	1.73	68	0.34	7.98	34	0.8
L43000-51850	0.99	63	0.42	1.99	19	3.2
L43000-51900	0.86	75	0.25	3.38	16	1.2
L43000-51950	0.95	102	0.39	4.63	15	0.9
L43000-52000	0.73	88	0.24	3.67	15	0.5
L43000-52050	0.45	64	0.16	2.47	13	<0.5
L43000-52100	0.49	88	0.23	1.92	18	<0.5
L43000-52150	0.54	141	0.25	3.39	36	0.8

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An A2 Global Company

MS Analytical
Unit 1, 20120 102nd Avenue
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Phone: +1-604-888-0875

To: **Terracad Geoscience Services Ltd.**
Suite 880-409 Granville St.
Vancouver, BC
V6C 1T2

CERTIFICATE OF ANALYSIS: YVR1610149

Project Name: Keeper
Job Received Date: 09-Nov-2016
Job Report Date: 05-Jan-2017
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Sample ID	IMS-130 U ppm	IMS-130 V ppm	IMS-130 W ppm	IMS-130 Y ppm	IMS-130 Zn ppm	IMS-130 Zr ppm
L43000-52200	0.70	94	0.37	4.13	71	8.4
L43000-52250	0.61	127	0.39	6.45	54	9.5
L43000-52300	0.80	89	0.33	9.91	68	<0.5
L43000-52350	0.89	48	0.27	11.51	79	0.7
L43000-52400	0.50	92	0.28	4.53	40	0.8
L43000-52450	0.47	107	0.41	2.09	38	0.7
L43000-52500	0.37	84	0.22	5.73	58	<0.5
L43100-51200	0.86	102	0.37	5.24	66	3.5
L43100-51250	0.34	79	0.25	2.23	56	<0.5
L43100-51300	0.77	45	0.28	3.96	69	0.6
L43100-51350	9.38	62	3.90	26.83	217	4.5
L43100-51400	0.50	42	0.67	4.32	28	<0.5
L43100-51450	0.25	60	0.57	1.48	21	<0.5
L43100-51500	0.88	71	0.52	3.46	29	0.8
L43100-51550	8.98	45	0.28	17.32	76	0.7
L43100-51600	1.01	112	0.60	4.40	30	7.4
L43100-51650	0.86	155	0.56	3.20	41	4.0
L43100-51700	3.16	52	0.49	16.44	76	<0.5
L43100-51750	0.84	92	0.42	3.66	35	7.3
L43100-51800	0.48	171	0.53	2.15	28	1.4
L43100-51850	1.06	56	0.18	5.18	50	2.5
L43100-51900	1.34	57	0.24	5.11	37	2.2
L43100-51950	0.55	209	0.39	2.04	36	4.3
L43100-52000	2.30	135	0.64	21.65	137	2.1
L43100-52050	1.09	66	0.43	4.27	41	<0.5

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Sample ID	IMS-130 U ppm	IMS-130 V ppm	IMS-130 W ppm	IMS-130 Y ppm	IMS-130 Zn ppm	IMS-130 Zr ppm
L43100-52100	1.14	88	0.36	12.69	31	0.8
L43100-52150	0.82	80	0.23	8.17	13	0.7
L43100-52200	4.84	12	0.34	17.67	9	0.7
L43100-52250	0.71	118	0.26	3.34	50	0.9
L43100-52300	1.61	60	0.18	20.34	21	<0.5
L43100-52350	2.35	13	0.16	19.01	14	1.0
L43100-52400	0.64	45	0.21	15.07	26	<0.5
L43100-52450	1.10	55	0.25	13.28	60	<0.5
L43100-52500	0.81	123	0.35	10.83	44	<0.5
L43200-51200	1.30	59	0.33	5.47	145	1.6
L43200-51250	1.41	67	0.52	10.33	133	1.2
L43200-51300	1.52	266	0.45	8.41	101	1.1
L43200-51350	0.47	98	0.27	2.89	29	1.0
L43200-51400	1.21	45	0.26	6.54	174	0.9
L43200-51450	2.57	76	0.36	8.49	171	1.5
L43200-51500	0.86	59	0.87	15.06	84	1.2
L43200-51550	0.55	54	0.94	6.91	115	0.7
L43200-51600	0.59	60	0.29	2.63	23	1.2
L43200-51650	0.28	63	0.17	1.21	8	<0.5
L43200-51700	0.42	61	0.29	3.60	50	2.7
L43200-51750	0.59	81	0.35	9.71	18	0.8
L43200-51800	0.64	80	0.33	6.99	124	1.6
L43200-51850	1.71	29	0.16	6.93	60	<0.5
L43200-51900	0.48	97	0.38	2.99	34	3.7
L43200-51950	0.57	78	0.36	3.81	81	0.8

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Sample ID	IMS-130 U ppm	IMS-130 V ppm	IMS-130 W ppm	IMS-130 Y ppm	IMS-130 Zn ppm	IMS-130 Zr ppm
L43200-52000	0.41	76	0.53	1.18	15	<0.5
L43200-52100	0.27	166	0.14	1.34	21	0.8
L43200-52150	0.87	67	0.20	13.55	56	0.6
L43200-52200	0.46	128	0.29	2.97	37	0.7
L43200-52250	0.28	83	0.17	1.71	17	<0.5
L43200-52300	1.22	17	0.12	22.52	26	1.0
L43200-52350	0.62	100	0.20	10.27	70	0.8
L43200-52400	1.23	89	0.21	22.15	71	0.6
L43200-52450	0.64	63	0.23	6.65	26	0.5
L43200-52500	0.61	81	0.34	6.20	32	1.2
L43300-51200	0.68	71	0.73	6.85	125	9.1
L43300-51250	0.80	57	0.74	10.04	102	0.8
L43300-51300	1.53	67	0.27	15.97	261	0.6
L43300-51350	1.09	69	0.82	8.93	95	<0.5
L43300-51400	0.81	99	0.69	5.30	65	1.2
L43300-51450	0.50	57	0.35	2.07	30	<0.5
L43300-51700	0.61	106	0.44	3.64	43	6.2
L43300-51750	0.86	56	0.31	14.18	94	0.7
L43300-51800	0.78	91	0.77	6.54	75	0.9
L43300-51850	0.70	43	1.38	4.53	359	2.0
L43300-51900	0.52	159	0.55	2.33	120	1.0
L43300-51950	0.68	104	0.31	2.29	33	1.5
L43300-52000	0.47	117	0.32	3.09	43	1.7
L43300-52050	0.49	90	0.18	2.53	40	0.7
L43300-52100	0.59	73	0.24	2.79	63	0.5

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L43300-52150	0.48	93	0.23	2.92	60	1.8
L43300-52200	0.77	56	0.28	17.40	73	<0.5
L43300-52250	0.39	59	0.15	1.93	14	<0.5
L43300-52300	0.38	107	0.10	2.28	21	0.8
L43300-52350	0.59	116	0.29	5.88	42	1.0
L43300-52400	0.57	90	0.31	8.59	35	1.3
L43300-52450	0.50	86	0.25	1.67	22	<0.5
L43300-52500	1.02	85	0.28	8.86	58	0.8
L43400-51200	0.34	53	0.17	8.58	60	3.2
L43400-51250	0.63	57	0.35	6.78	113	1.3
L43400-51300	1.08	73	0.42	17.39	84	0.8
L43400-51350	0.97	103	0.64	9.57	78	3.6
L43400-51400	1.73	22	0.14	31.95	182	8.2
L43400-51850	2.42	74	1.51	141.31	197	7.1
L43400-51900	0.48	112	0.27	3.40	33	1.3
L43400-51950	0.60	57	0.34	4.01	47	1.4
L43400-52000	0.45	50	0.18	2.30	32	1.0
L43400-52050	1.53	84	0.33	7.94	37	1.7
L43400-52100	1.05	101	0.23	7.42	85	<0.5
L43400-52150	0.22	101	<0.05	1.08	10	<0.5
L43400-52200	0.22	108	0.17	1.07	11	0.5
L43400-52250	1.88	70	0.25	18.56	116	<0.5
L43400-52300	0.32	97	0.15	1.60	17	0.6
L43400-52350	1.23	34	0.15	11.39	84	<0.5
L43400-52400	0.43	60	0.18	2.75	21	<0.5

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L43400-52450	0.52	131	0.21	2.07	36	0.9
L43400-52500	0.71	97	0.30	7.05	28	0.9
L43500-51750	0.91	62	0.31	8.22	172	1.7
L43500-52000	0.50	114	0.26	4.08	75	1.0
L43500-52050	0.42	143	0.32	3.42	91	1.3
L43500-52100	0.20	106	0.20	1.36	9	0.5
L43500-52150	0.29	56	0.21	1.34	7	<0.5
L43500-52200	0.52	73	0.17	7.07	65	0.6
L43500-52250	0.27	66	0.12	1.28	14	<0.5
L43500-52300	0.62	60	0.19	2.66	34	2.4
L43500-52350	0.84	97	0.24	8.03	39	1.2
L43500-52400	0.70	45	0.21	5.36	17	<0.5
L43500-52450	0.71	92	0.26	5.32	48	1.1
L43500-52500	0.31	50	0.11	1.35	9	<0.5
L43600-51600	0.43	148	1.85	3.43	100	1.8
L43600-51650	0.69	150	0.58	6.21	34	1.9
L43600-51700	0.53	63	0.82	7.13	195	0.8
L43600-51750	0.86	58	0.34	10.05	241	<0.5
L43600-51800	0.62	157	0.30	4.15	55	1.0
L43600-51850	0.32	91	0.20	1.71	23	<0.5
L43600-51900	0.22	97	0.20	1.79	19	0.7
L43600-51950	0.67	72	0.25	2.86	42	1.1
L43600-52000	0.17	83	0.11	1.37	11	0.6
L43600-52050	0.29	105	0.13	2.19	45	0.6
L43600-52100	0.35	65	0.13	2.95	40	0.7

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L43600-52150	0.32	88	0.30	2.16	24	1.0
L43600-52200	0.47	83	0.32	2.98	36	<0.5
L43600-52250	0.38	141	0.36	1.95	42	<0.5
L43600-52350	0.37	130	0.27	1.94	38	1.2
L43600-52400	0.28	77	0.24	1.64	11	<0.5
L43600-52450	0.47	102	0.31	3.13	34	<0.5
L43600-52500	0.29	45	0.10	1.12	15	<0.5
L13100-34850	0.89	166	0.18	17.93	198	1.3
L42600-66500	1.24	53	0.21	5.99	99	0.7
L43000-64750	1.40	71	1.11	10.74	113	0.9
DUP L42900-52100	0.47	96	0.28	3.43	23	0.9
DUP L43100-51700	2.96	53	0.49	15.37	75	<0.5
DUP L43100-51900	1.38	59	0.24	5.15	37	2.0
DUP L43200-52450	0.65	62	0.25	6.70	25	0.5
DUP L43400-52300	0.32	97	0.16	1.66	16	0.5
STD BLANK	<0.05	<1	<0.05	<0.05	<2	<0.5
STD BLANK	<0.05	<1	<0.05	<0.05	<2	<0.5
STD BLANK	<0.05	<1	<0.05	<0.05	<2	<0.5
STD BLANK	<0.05	<1	<0.05	<0.05	<2	<0.5
STD BLANK	<0.05	<1	<0.05	<0.05	<2	<0.5
STD OREAS 24b	1.84	79	1.26	12.34	102	24.9
STD GBM908-10	1.57	48	1.43	22.10	1047	24.4
STD OREAS 904	5.56	23	0.65	17.16	24	16.6
STD OREAS 24b	1.91	79	1.29	12.02	98	25.4
STD OREAS 904	4.95	23	0.64	17.01	24	16.9

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