

Ministry of Energy and Mines
BC Geological Survey

Assessment Report
Title Page and Summary

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

TOTAL COST: \$ 26,917.11

AUTHOR(S): Meredith Roik, Simeon Robinson

SIGNATURE(S): 

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

YEAR OF WORK: 2013

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 545706, JULY 5, 2013

PROPERTY NAME: GD PROPERTY

CLAIM NAME(S) (on which the work was done): 558121, 558123, 602703, 789022, 789082, 790382, 790442, 790462, 829102, 829122, 829142

COMMODITIES SOUGHT: COPPER, GOLD, MOLYBDENUM / MOLYBDENITE

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 093L-242, 093L-307, 093L-144, 093L-315, 093L-225

MINING DIVISION: OMINECA

NTS/BCGS: 093L

LATITUDE: 54 ° 45 '38.9 " LONGITUDE: 126 ° 10 '59.4 " (at centre of work)

OWNER(S):

1) ALTIPLANO MINERALS LTD.

2)

MAILING ADDRESS:

220, 9797-45 AVENUE

EDMONTON, ALBERTA T6E 5V8

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

1) ALTIPLANO MINERALS LTD.

2)

MAILING ADDRESS:

220, 9797-45 AVENUE

EDMONTON, ALBERTA T6E 5V8

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

COPPER-GOLD PORPHYRY, STIKINE TERRANE, TOPLEY INTRUSION, JURASSIC,

TRIASSIC, SPIKE PEAK INTRUSIVE SUITE

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 2727, 20794, 4427, 10862, 22025, 16874,

26329, 2095, 19556,

| 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 186 | _____ | 789082, 558123, 829142, 789022 | 26075.95 |
| Silt | _____ | _____ | _____ |
| Rock 6 | _____ | 790382, 789082, 558123 | 841.16 |
| Other | _____ | _____ | _____ |
| DRILLING (total metres; number of holes, size) | | | |
| Core | _____ | _____ | _____ |
| Non-core | _____ | _____ | _____ |
| RELATED TECHNICAL | | | |
| Sampling/assaying | _____ | _____ | _____ |
| Petrographic | _____ | _____ | _____ |
| Mineralographic | _____ | _____ | _____ |
| Metallurgic | _____ | _____ | _____ |
| PROSPECTING (scale, area) | | | |
| PREPARATORY / PHYSICAL | | | |
| Line/grid (kilometres) | _____ | _____ | _____ |
| Topographic/Photogrammetric (scale, area) | _____ | _____ | _____ |
| Legal surveys (scale, area) | _____ | _____ | _____ |
| Road, local access (kilometres)/trail | _____ | _____ | _____ |
| Trench (metres) | _____ | _____ | _____ |
| Underground dev. (metres) | _____ | _____ | _____ |
| Other | _____ | _____ | _____ |
| | | TOTAL COST: | 26917.11 |

2012 ASSESSMENT REPORT ON PORTIONS OF THE GD PROPERTY, BRITISH COLUMBIA, CANADA

BC Geological Survey
Assessment Report
34333

Company Name: Altiplano Minerals Ltd.
#220, 9797 – 45 Avenue
Edmonton, Alberta, Canada
T6E 5V8

Mineral Claims: 558121 (GD-1), 558123 (GD-2), 602703 (GD-3),
789022 (GD-4), 789082 (GD-5), 790382 (GD-6),
790442 (GD-7), 790462 (GD-8), 829102 (GD-9),
829122 (GD-10), 829142 (GD-11)

Nature of Report: Geological and Geochemical Sampling

Work Conducted: June 3 – 9, 2013

Location of Claims: NTS 093L09, 093L16

Work Conducted By: Altiplano Minerals Ltd. and APEX Geoscience Ltd.

Centre of Property: Latitude: 54°45' N and Longitude: 126°10' W



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SUMMARY

This report summarizes the 2013 exploration work performed on the GD mineral claims by Altiplano Minerals Ltd. ("Altiplano") of Edmonton, Canada. Altiplano owns a 100% interest in the 11 mineral claims comprising the GD Property (the "Property"), which is located approximately 30 kilometres northeast of the town of Topley, in central British Columbia.

The GD Property is located along the eastern margin of the Stikine Terrane of central British Columbia, which comprises Carboniferous to Middle Jurassic island-arc volcanic and sedimentary rocks and related plutonic suites (MacIntyre et al. 2001). The property is predominately covered by thick glacial deposits with only limited bedrock exposure along portions of the Tachek Creek Canyon, which is interpreted as a major pre- and inter-glacial valley that has since been filled with till and glacial outwash (Noranda, 1969).

This region is known for large porphyry copper, \pm gold, and \pm molybdenum deposits. Some such deposits have been developed as producing mines, such as the Granisle and Bell copper mines. Mineral deposit types in the area are classified as porphyry and epigenetic, characterized by disseminated, vein, and breccia hydrothermal systems (Strickland, 2012).

A field sampling program consisted of the collection of 186 soil samples and 6 rock samples between June 3 and June 9, 2013. Soil lines from the 2012 soil sampling program were extended to the west and maintained the existing sample spacing of 200 m between sample lines and 50 m between individual sample locations.

Additional soil sampling is recommended to further define the extent of copper anomalies defined by 2013 soil geochemistry. Infill soil sampling could also be utilized to better define a north-south trending zone of anomalous copper which is coincident with an IP anomaly (strong chargeability).



INTRODUCTION

The GD Property is comprised of 11 claims which are located in central British Columbia, approximately 30 kilometres northeast of the town of Topley and 5 kilometres south of the villages of Topley Landing and Granisle (Figure 1). This report summarizes the 2013 exploration work performed on the GD mineral claims by Altiplano Minerals Ltd. ("Altiplano") of Edmonton, Canada.

The GD Property is located along the eastern margin of the Stikine Terrane of central British Columbia, which comprises Carboniferous to Middle Jurassic island-arc volcanic and sedimentary rocks and related plutonic suites (MacIntyre et al. 2001). The property is predominately covered by thick glacial deposits with only limited bedrock exposure along portions of the Tachek Creek Canyon, which is interpreted as a major pre- and inter glacial valley that has since been filled with till and glacial outwash (Noranda, 1969).

A field sampling program consisted of the collection of 186 soil samples and 6 rock samples between June 3 and June 9, 2013. Soil lines from the 2012 soil sampling program were extended to the east and the existing sample spacing of 200 m between sample lines and 50 m between individual sample locations was maintained.

Rock sample 13PSP001, collected from outcropping basalt along Tachek Creek, returned an assay result of 70.8 ppm copper. A sample (13MRP003) of quartz and feldspar rich granodiorite collected along a creek in the southern portion of the property returned a copper value of 136.7 ppm. These results are not considered to be significant to warrant further follow up investigations. There were no anomalous gold or molybdenum values with the rock samples.

Two primary areas within the GD property returned anomalous copper, gold and molybdenum values in soil geochemistry. The first zone occurs on the west end of soil line 69250N. A second north-south oriented copper anomaly is located at on the western ends of 2012 soil lines 68450N, 68650N, 68850N and 69650N, coincident with an IP anomaly. Of the 186 soil samples collected, six samples returned copper values classified as highly anomalous with assay results above 90.0 ppm, six samples with gold values above 35.0 ppb, and three samples returned molybdenum values above 5.0 ppm.

GD PROPERTY DESCRIPTION AND LOCATION

The GD Property is comprised of 11 claims which are located in central British Columbia (Figure 1), approximately 30 kilometres northeast of the town of Topley and 5 kilometres south of the villages of Topley Landing and Granisle. Altiplano owns a 100 % interest in the 4,161.83 hectare property, centred at 54° 45' N and 126° 10' W. The corresponding UTM, NAD83, Zone 9 coordinates are 681235 mE and 6071821 mN. The claims are listed below in Table 1.



Table 1. GD Property Information.

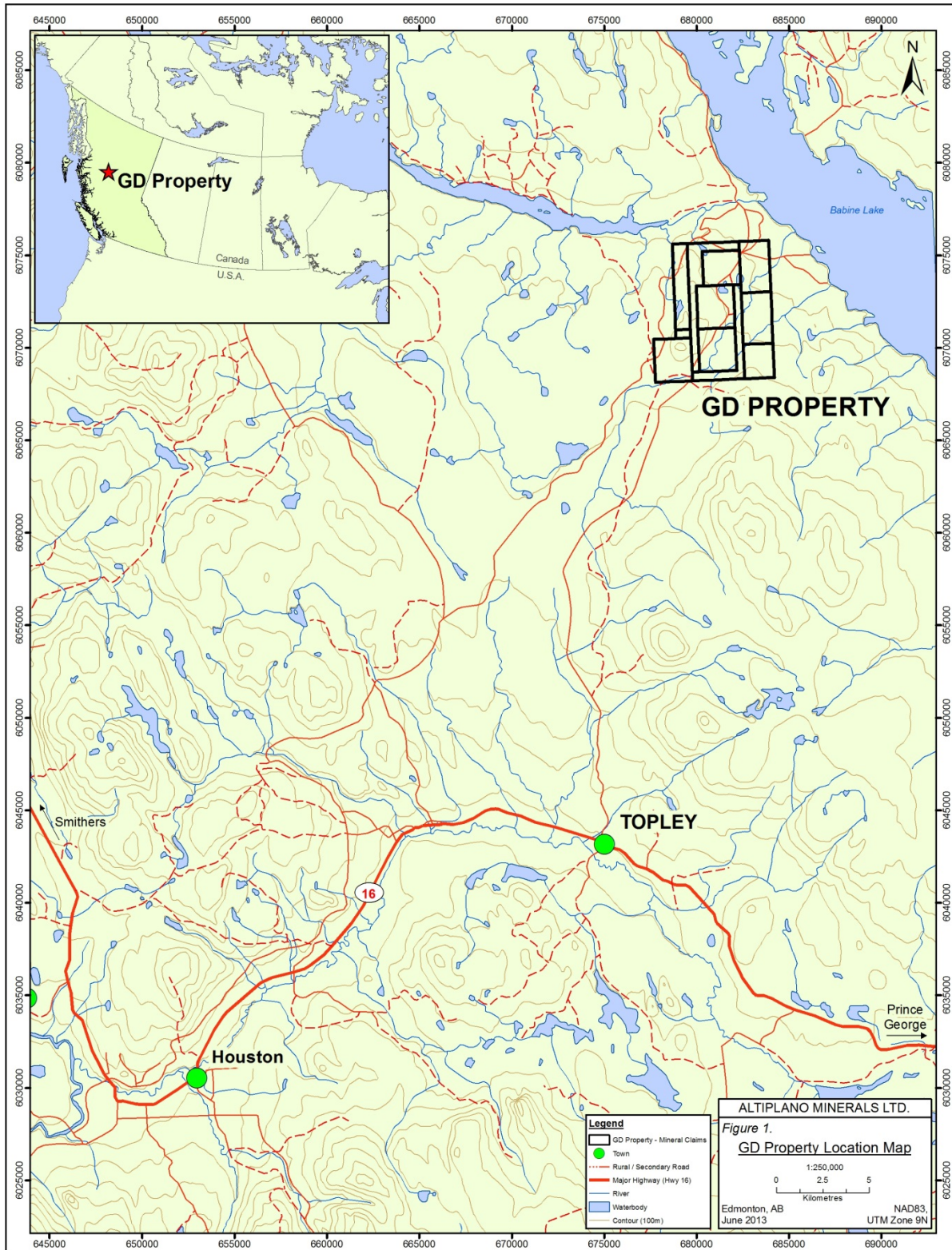
| Tenure Number | Claim Name | Owner | NTS Sheet | Expiry Date | Area (ha) |
|---------------|------------|--|-----------|-------------|-----------|
| 558121 | GD-1 | 245861 (100%) (Altiplano Minerals Ltd.) | 093L | 11-Jul-13 | 466.54 |
| 558123 | GD-2 | | 093L | 11-Jul-13 | 466.75 |
| 602703 | GD-3 | | 093L | 11-Jul-13 | 373.07 |
| 789022 | GD-4 | | 093L | 11-Jul-13 | 466.43 |
| 789082 | GD-5 | | 093L | 11-Jul-13 | 317.39 |
| 790382 | GD-6 | | 093L | 11-Jul-13 | 447.68 |
| 790442 | GD-7 | | 093L | 11-Jul-13 | 447.95 |
| 790462 | GD-8 | | 093L | 11-Jul-13 | 298.77 |
| 829102 | GD-9 | | 093L | 11-Jul-13 | 37.33 |
| 829122 | GD-10 | | 093L | 11-Jul-13 | 373.14 |
| 829142 | GD-11 | | 093L | 11-Jul-13 | 466.79 |

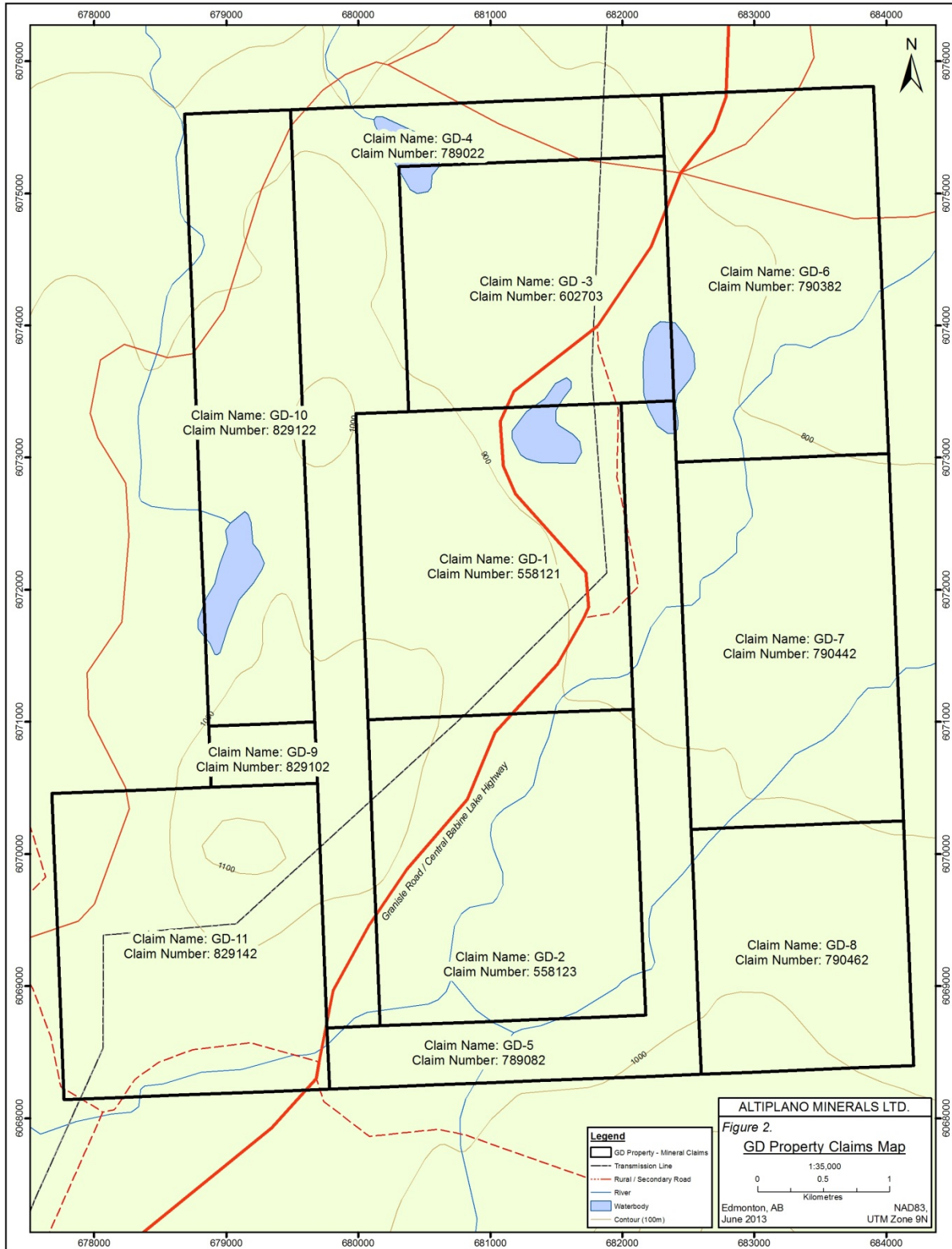
ACCESSIBILITY, CLIMATE AND PHYSIOGRAPHY

The main access to the GD Property is via the Granisle Road / Central Babine Lake Highway which travels northeast from its intersection with Highway 16 in Topley, through the centre of the Property (Figure 1, 2). A B.C. Hydro transmission line parallels Granisle Road and passes through the centre of the property. There are also numerous forestry roads within the property. Accommodations and services are available in the town of Houston.

The climate in the GD Property area is typical of central British Columbia with an average annual temperature of approximately +4°C and average annual snowfall of 17 cm and rainfall of 30 mm. In June, the average temperature is approximately +13°C with nearly 50 mm of rain (Environment Canada, 2013). Climate data is reported from the Smithers, B.C. weather station, roughly 65 km west of the Property.

The elevation ranges from approximately 790 m in the Tachek Creek Canyon in the north, to nearly 1300 m at the top of Shoulder Mountain to the south (Noranda, 1969). The general topography in the GD Property area is fairly level to undulating with steep river valley walls incised along the Tachek Creek. Tachek Creek flows in a southwest-northeast direction into Babine Lake to the northeast. There are also numerous small creeks and swampy areas on the Property. Vegetation in the area consists of dense mixed coniferous (pine, spruce, cedar) and deciduous (poplar, spruce, willow) forests.







EXPLORATION HISTORY OF THE GD PROPERTY

The GD Property has been actively explored by various prospectors and mining companies for porphyry copper (Cu) – molybdenum (Mo) and gold (Au) mineralization since the first discovery of abundant mineralization in 1968, Minfile 093L 144 (Noranda, 1969). Table 2 lists additional B.C. Minfile mineral showings located within and surrounding the GD Property. A brief summary of the exploration history is included below which has been summarized from various assessment and exploration reports.

Table 2. B.C. Minfile mineral showings within the GD Property area.

| Minfile Number | Name | Deposit Type |
|-----------------------|-------------|---------------------------------------|
| 093L 144 | Tachi | Porphyry Cu +/- Mo +/- Au |
| 093L 225 | Pro | Porphyry Cu +/- Mo +/- Au |
| 093L 242 | Jill | Porphyry Cu +/- Mo +/- Au |
| 093L 307 | Chris | Limestone |
| 093L 315 | Gold Dust | Intrusion-related Au pyrrhotite veins |

1968 – 1969: Noranda Exploration Limited

In 1968, mineralization was identified by prospectors in Tachek Creek, and 170 claims were staked by Noranda Exploration Limited. Exploration activities during 1968 and 1969 consisted of geological mapping, geochemical (soil and silt) analysis, geophysical surveys (induced polarization and magnetic and electromagnetic), 1,725 metres of percussion drilling and 1,015 metres of diamond drilling. The best assays obtained in the drill program were from hole 32 with 3.1 m of 2,497 ppm (0.25%) Cu and from hole 31 with 3.1 m of 0.62% Cu (Noranda, 1969).

1968 – 1969: Tro-Buttle Exploration Ltd.

During October to December 1968 and March to July 1969, a geochemical soil survey was conducted. A total of 75 line-kilometres (47 line-miles) were blazed, picketed and flagged, which resulted in the collection of 1267 soil samples (Dirom, 1969). Of the 1267 samples, 59 returned Mo values above zero and 169 samples were above the threshold of 30 ppm for copper and appear discontinuous.

1970: Taseko Mines Limited

Three diamond drill holes for a total of 305 metres were completed in 1970 by Taseko Mines Limited (Carter, 1988). Original source of this data is yet to be sourced.

1970: Tro-Buttle Exploration Ltd.

Approximately 39 line-kilometres (24 line-miles) of soil surveying was completed which resulted in the collection of 680 soil samples. A total of 29 samples above 61 ppm Cu and 24 samples above 3 ppm Mo were returned, however the results are intermittent (Alrae Engineering Ltd., 1970; Strickland, 2012).



1972: Twin Peak Resources Ltd & Cobre Exploration Ltd.

During the 1972 exploration program, Twin Peak Resources Ltd. completed an airborne magnetic survey for a total area of approximately 30 km² (11.5 square miles). The results revealed a prominent north-easterly trend in the eastern portion of the study area and subtle northerly trend in the western portion of the study area (Woolverton, 1973).

1973: Perry, Knox, Kaufman Inc.

A time-domain induced polarization (IP) survey was completed in 1973 to search for economic concentrations of disseminated mineralization at a geologic contact between volcanic rocks and intrusive rocks (Lloyd, 1973). Two anomalous zones were identified and recommended for future drill testing within the south and central areas of the property.

1973: Amoco Petroleum Company Limited

In 1973, Amoco Canada Petroleum Co. Ltd. carried out geochemistry and geophysics and completed 500 metres of diamond drilling in three holes, of which, no results were reported. (Strickland, 2012).

1982: Dancer Energy and Resources Limited

The exploration program completed by Dancer Energy and Resources Limited consisted of soil sampling and geological mapping. The resulting grades range as high as 1% Cu and 0.9% Mo (Plicka, 1982).

1987 – 1988: Gerard Auger

During October of 1987, the exploration program consisted of prospecting, geological mapping and the collection of rock samples for geochemical analysis. Samples from granitic rocks contained 126-214 ppm of Cu, molybdenum values up to 0.17%, and one sample with 1270 ppb of gold (sample GD-2) (Carter, 1988).

1989 – 1992: Nick Carter

During the period from 1989 to 1992, exploration activities conducted by N. Carter consisted of prospecting, rock sampling for geochemical analysis, geological mapping. A follow up chip sample to GD-2 collected in 1988 returned a Cu value of 196 ppm, Mo value of 994 ppm, and 4900 ppb of gold (Carter, 1990). In 1990, VLF-EM survey was completed over 12.5 km, which did not identify any significant anomalies (Carter, 1991). In 1991, percussion hole cuttings and drill core samples from Noranda's 1968 and 1969 drill programs were sampled and results indicate low grades, but apparently widespread copper values as well as anomalous gold values in two areas of the property (Carter, 1992).

1993: Cominco Ltd.

In 1993, Cominco conducted an Induced Polarization/Resistivity survey to follow-up some of the previous alteration and sampling. Findings suggest the presence of a Cu-Mo porphyry system (Strickland, 2012).



1995 – 1999: Hudson Bay Exploration and Development Co. Ltd.

Hudson Bay Exploration began prospecting and following up on Cominco's targets during exploration programs in 1995 and 1996. In 1997, 19 km of line cutting, 16 km of ground electromagnetic (EM) and magnetic surveys were completed, and 68 soil samples were collected for geochemical analysis. The EM survey defined two parallel conductors and all soil samples assayed at background levels (Strickland, 2012). In 1998, an additional 16 km of geophysical and line cutting was carried out. In 1999, seven diamond drill holes were completed for a total of 1,094.5 m drilled, with hole LEN-004 yielding anomalous values in base and precious metals (Dunning, 2000).

2006: NXA Inc.

In 2006, NXA Inc. completed an exploration program consisting of 15 km of line cutting, IP and magnetic geophysical surveys, prospecting and geochemical soil surveying. Within the IP surveys, areas with a low magnetic susceptibility and low resistivity are interpreted as possible zones of mineralization (Strickland, 2012).

2010 – Present: Altiplano Minerals Ltd.

Since 2010, exploration activities have consisted of trenching, prospecting and rock sampling, geological mapping in the Tachek Creek area, chip sampling, and soil sampling. Programs focussed on following up previously identified anomalies and areas of interest.

GEOLOGICAL SETTING

The GD Property is located along the eastern margin of the Stikine Terrane of central British Columbia, which comprises Carboniferous to Middle Jurassic island-arc volcanic and sedimentary rocks and related plutonic suites (MacIntyre et al. 2001). The property is predominately covered by thick glacial deposits with only limited bedrock exposure along portions of the Tachek Creek Canyon, which is interpreted as a major pre- and inter glacial valley that has since been filled with till and glacial outwash (Noranda, 1969).

The geology of the Stikine Terrane is summarized below in Table 3, and consists of the Asitka, Takla, and Hazelton Groups, including the Telkwa, Nilkitkwa, Saddle Hill and Smithers Formations. The Stikine Terrane is further cut by the Late Triassic to Early pink-coloured granitic rocks of the Jurassic-aged Topley intrusive suite and the Early to Middle Jurassic Spike Peak intrusive suite which includes plutons of quartz monzonite and hornblende diorite. These units are likely comagmatic with the volcanic successions (MacIntyre et al., 2001). This series of proximal arc assemblages experienced repeated pulses of melt generation above a subduction-zone complex, and structurally is part of a basin and range type horst and graben structure (Strickland, 2012).

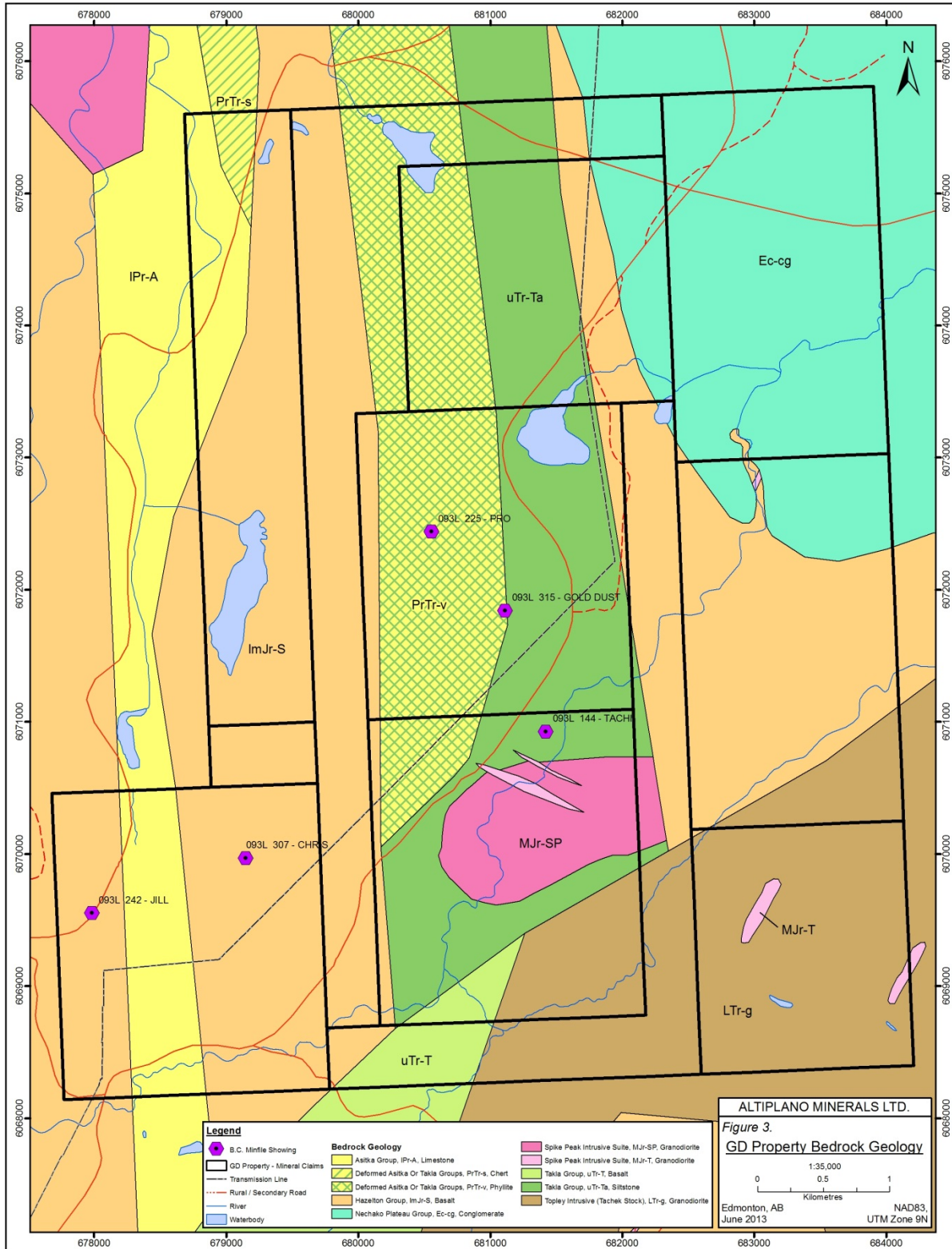


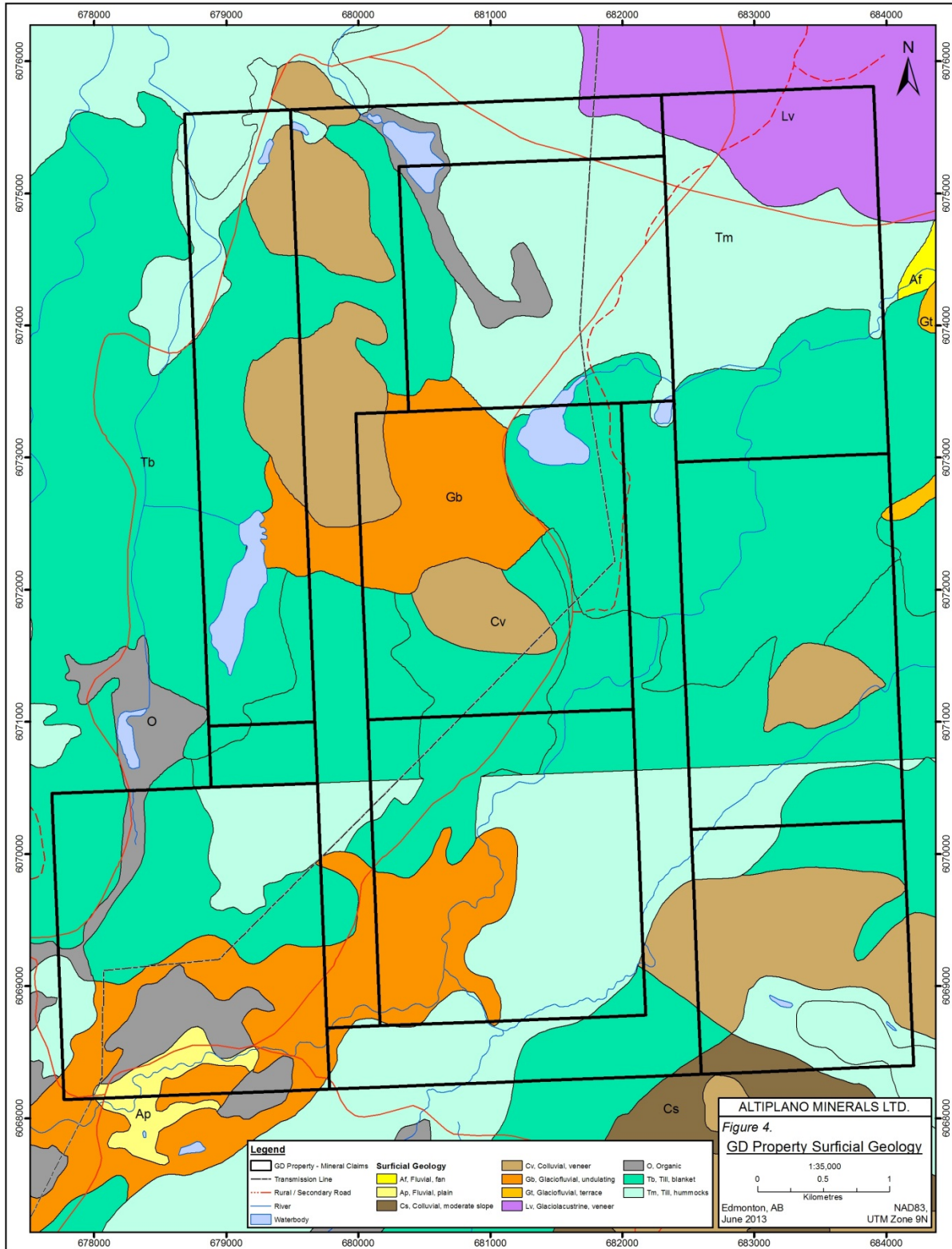
Table 3. Summarized geology of the Stikine Terrane.

| Group | Age | Lithological Description |
|-------------------------|--------------------------|--|
| <i>Hazelton Group</i> | Early to Middle Jurassic | Andesitic volcanic and volcanoclastic rocks related to marine sedimentary rocks. |
| - Telkwa Formation | Lower Jurassic | Feldspar phyric tuffs, breccia, and an upper member of amygdaloidal basalt. |
| - Nilkitkwa Formation | Early Jurassic | Subaqueous greenstone, basalt breccias, flows, tuffs, interbedded sedimentary rocks. |
| - Saddle Hill Formation | Early to Middle Jurassic | Subaerial to submarine basalt, andesitic to rhyolitic volcanic rocks. |
| - Smithers Formation | | Marine sedimentary rocks, felsic tuffs. |
| <i>Takla Group</i> | Middle to Late Triassic | Augite phyric basalt flows, conglomerate, and related marine sedimentary rocks. |
| <i>Asitka Group</i> | Carboniferous to Permian | Limestones and chloritic metavolcanic rocks. |

In the southeast corner of the property, the Hazelton Group rocks are in high angle faulted contact with the northern margin of the 218 ma Tachek Stock. The Tachek Stock is the largest intrusive body of the Topley instructive suite and geochronological data indicates that it is coeval with the main phase of Takla volcanism (MacIntyre et al., 1996). Within Tachek Creek, porphyry copper mineralization occurs in association with a small granodiorite to quartz monzonite intrusive plug that is cross-cut by biotite-quartz-feldspar porphyry dykes (BC Minfile 093 144). The porphyry dykes have been dated at 178 ma and form part of the newly recognized Spike Peak intrusive suite, which significantly postdates emplacement of the Topley intrusive suite (MacIntyre et al., 2001).

Copper mineralization and related secondary copper oxide minerals and other sulphides observed on the GD property include malachite, chalcopyrite, magnetite, pyrite, molybdenite, azurite and bornite. These minerals are consistent with a widespread copper-molybdenite porphyry system on the property (Malahoff, 2010). Copper mineralization is predominately hosted within Early to Middle Jurassic Spike Peak intrusive quartz monzonite rocks. Three types of controls on copper mineralization have been observed within the quartz monzonite intrusive rocks on the GD property. The most common is fracture controlled copper mineralization consisting of malachite and chalcopyrite. Fault controlled copper mineralization consisting of chalcopyrite, malachite, molybdenite, azurite and associated magnetite was observed in both north and south along Tachek Creek but is most common in the northern regions of Tachek Creek. Finally, dykes and dyke swarms usually occur in zones of weakness produced by earlier faulting and tend to concentrate copper mineralization (Malahoff, 2010).







2013 EXPLORATION PROGRAM

The 2013 exploration program was completed between June 3 and June 9, 2013 by Altiplano Minerals Ltd. and APEX Geoscience Ltd. of Edmonton, Alberta. Houston, British Columbia served as the operational base for the duration of the program.

There were a total of 6 rock grab samples, and 186 soil samples collected during the 2013 exploration program. Rock samples were collected from areas of interest as identified from historic mapping, and to investigate historic soil (Cu, Mo, Au) anomalies. The soil samples were collected from seven east-west lines spaced on 200 metre northing intervals extending west from the 2012 soil lines. Samples were collected at 50 metre stations.

SAMPLING METHOD AND APPROACH

A total of 6 rock samples and 186 soil samples were taken on the GD Property during the 2013 exploration program. All 2013 soil and rock grab samples were hand delivered to the Smithers, B.C. Branch of Acme Analytical Laboratories Ltd. ("Acme") on June 9, 2013 for preparation. Upon completion of preparation, all samples were sent for analysis in Vancouver, B.C. Rock samples were analyzed for 36 elements via aqua regia digestion with ICPMS+ finish as well as fire assay fusion with either AA or ICP finish. Soil samples were analyzed for 36 elements via aqua regia digestion with ICPMS finish.

Rock and soil sample descriptions and associated analytical certificates are appended to this report in Appendix 2 to 5. The locations of samples, including 6 rock samples and 186 soil samples are illustrated in Figures 5 to 9.

ROCK SAMPLING

A rock sample was collected in the field by placing 1-3 kg of material in a heavy grade plastic sample bag with the sample number written on the side in permanent marker. A Tyvek sample tag marked with the appropriate sample number was placed inside each sample bag. Each sample bag was then sealed with a plastic cable tie and samples were transported back to the operational base at the end of each day. All sample sites were marked in the field with pink arctic-grade flagging and an aluminum tag, both having been marked with the appropriate sample number. Sample locations were determined by hand-held GPS. Locations were recorded in Universal Transverse Mercator (UTM) coordinates using the North American datum established in 1983 (NAD83) within Zone 9N. All maps, figures and UTM coordinates referring to rock grab samples herein utilize UTM NAD 83 Zone 9N.

Once returned to the operational base, samples were organized, catalogued, and then groups of samples were given a shipment number and were placed in poly woven "rice" bags and prepared for transport to Acme Lab. Each rice bag was securely closed using plastic cable ties and a numbered security seal was also placed around the closed end of each bag. Sample



submission forms were filled out to include shipment numbers along with sample sequences, total numbers of samples, and analysis codes. Acme Labs are ISO 9001:2008 accredited, and the Vancouver facility is also ISO/IEC 17025:2005 accredited.

SOIL SAMPLING

Soil sampling in 2013 focused on further delineating anomalies (Cu, Mo, Au) identified during the 2012 exploration program. The 186 soil samples collected in 2013 were collected from seven east-west metre lines spaced at 200 metre intervals extending west from the 2012 soil lines. Samples were collected at 50 metre stations along each soil line. Samples were not collected from within cut lines, power lines or in areas that were obviously disturbed by forestry operations. Soil samples were collected from average depths between 12 and 18 cm which corresponds with the Ah and upper part of the B horizons. Soil samples were placed in marked Kraft paper soil bags and sealed with a plastic cable tie.

All sample sites were marked in the field with both blue and pink or orange and arctic-grade flagging and an aluminum tag marked with the appropriate sample number. Sample locations were determined by hand-held GPS, and recorded in Universal Transverse Mercator (UTM) coordinates using the North American datum established in 1983 (NAD83) within Zone 9N. All maps, figures and UTM coordinates referring to soil samples herein utilize UTM NAD 83 Zone 9N.

DISCUSSION

ROCK SAMPLES

Six rock samples, consisting of conglomerates, basalt, and intrusive rocks were collected during the 2013 field program, and 36 elements were analyzed, of which copper, gold and molybdenum were of interest (see Appendix 2, 3). Samples 13PSP001-002 and 13MRP001 were collected from the northern corner of the GD Property along Tachek Creek (Figure 5). 13PSP001, a fine grained equigranular basalt, was sampled from a fracture/shear zone along the eastern sidewall of Tachek Creek, and assayed at 70.8 ppm of copper. Sample 13PSP002, a brecciated, polymictic conglomerate, was collected approximately 20 m from 13PSP001 and returned a copper result of 19.1 ppm. 13MRP001, a polymictic conglomerate sample collected on the west side of Tachek Creek assayed at 24.0 ppm Cu. No significant molybdenum or gold values were returned.

Three samples, 13MRP002-004, were collected within five metres of each other from the south-central portion of the property from outcrop along the northern edge of an incised creek valley (Figure 5). Sample 13MRP003, a quartz and feldspar rich granodiorite in close proximity to a shear zone returned a copper value of 136.7 ppm. Samples 13MRP002, a basalt, and 13MRP004, from the same rock unit as 12MRP003, returned copper results of 53.7 ppm and 64.3 ppm respectively. No significant gold or molybdenum values were returned.



SOIL SAMPLES

During the 2013 field program, 186 soil samples were collected and 36 elements were analyzed of which copper, gold and molybdenum were of interest. All soil sample information and geochemical results can be found in Appendix 4 and 5. As stated previously, the 2013 soil sampling program consisted of soil line extensions to the west of those completed in 2012 with the intention of extending and further delineating element (Cu, Au, Mo) anomalies.

Throughout the exploration history of the GD property, the following table, Table 4, represents the accepted historical anomalous values of copper and molybdenum. No gold background or anomalous values were identified. Historical classifications are from Dirom, 1969 and Alrae Engineering, 1970.

Table 4. Background soil values for copper and molybdenum.

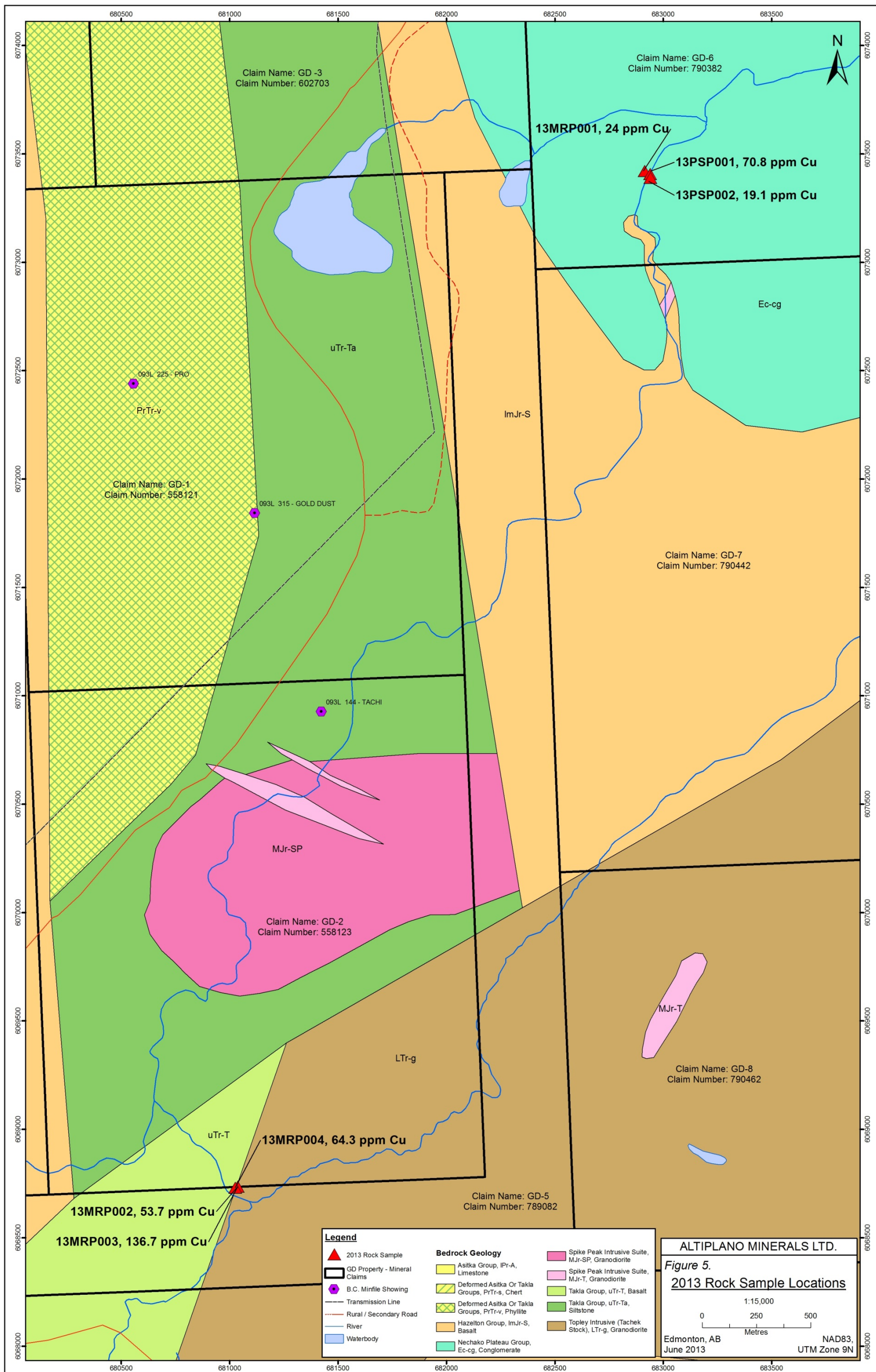
| | <i>Background</i> | <i>Weakly Anomalous</i> | <i>Anomalous</i> | <i>Highly Anomalous</i> |
|------------|-------------------|-------------------------|------------------|-------------------------|
| Copper | 0 – 30 ppm | 31 – 60 ppm | 61 – 90 ppm | > 90 ppm |
| Molybdenum | < 1 ppm | 2 – 3 ppm | 3 – 4 ppm | > 5ppm |

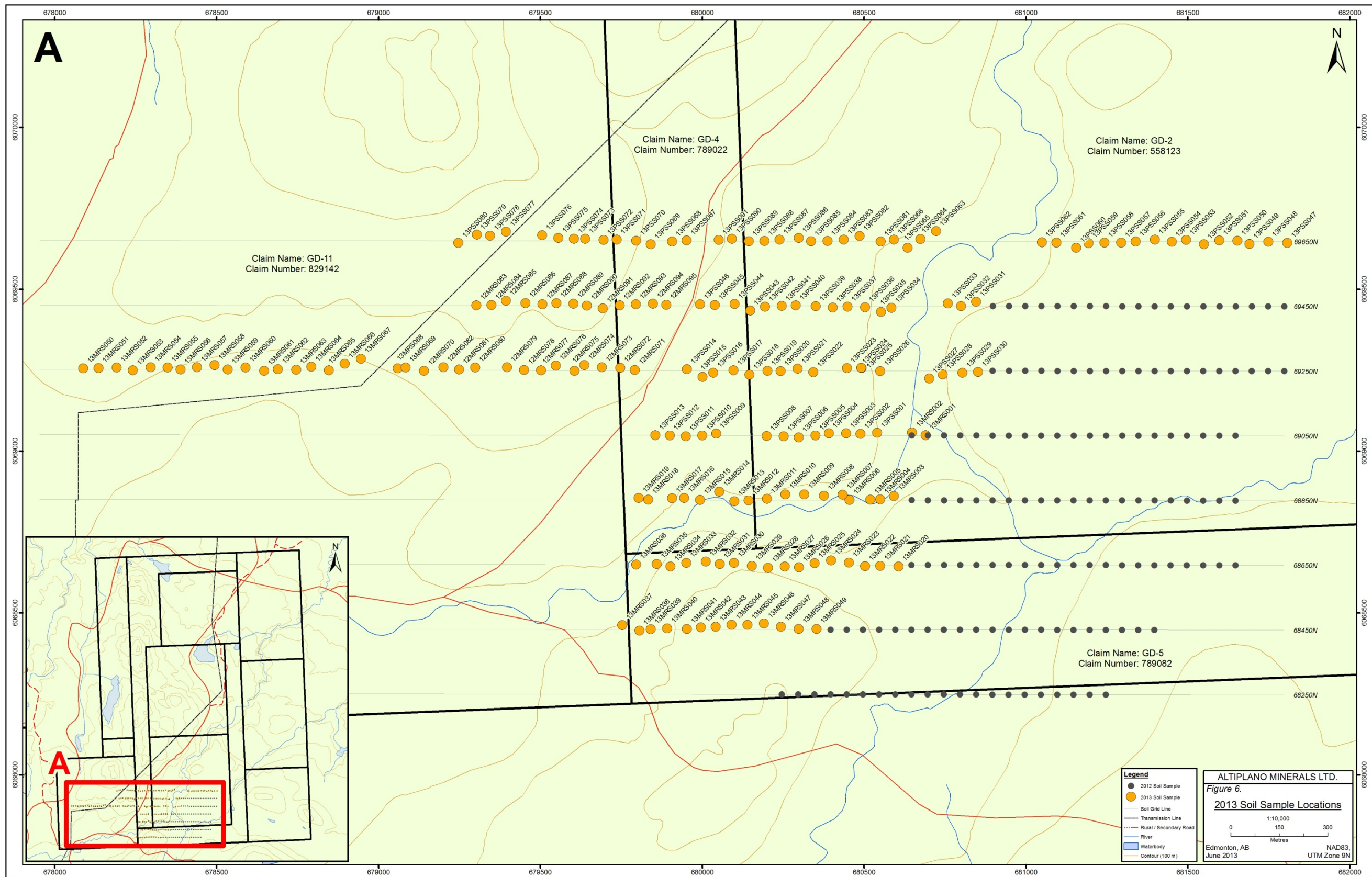
Two main copper anomalies were identified in the 2013 soil samples:

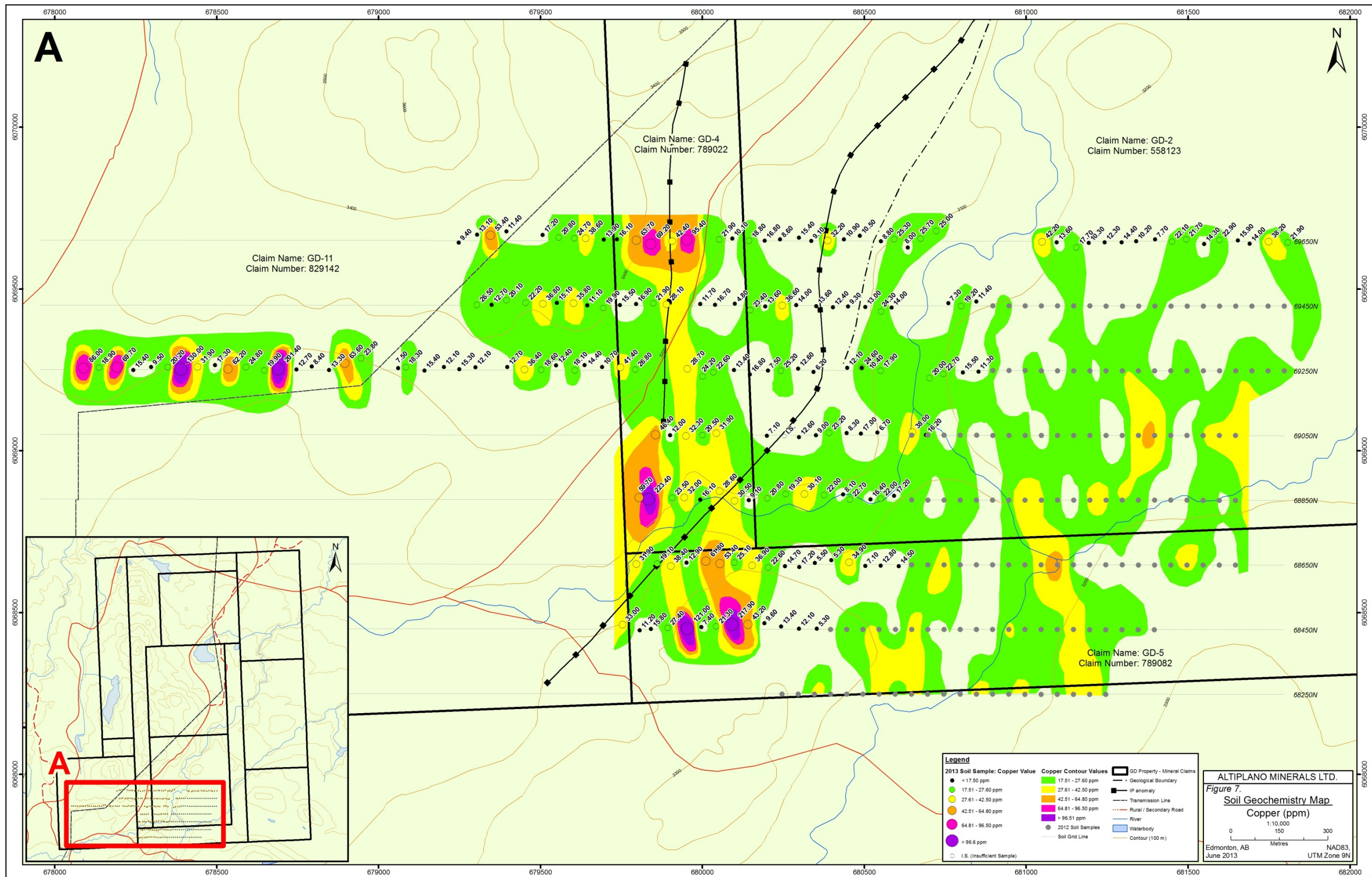
The western ends of soil lines 68450N, 68650N, 68850N and 69650N (north-south through claim 789022) contain weakly to highly anomalous (up to 223.40 ppm) copper values (Figure 7). This anomaly is in nearly 800 m to the southwest of a mapped geological contact between a chlorite and sericite schist unit and a Topley Intrusive granodiorite, quartz monzonite porphyritic unit (Carter, 1989). A time-domain IP survey completed by Perry, Knox, Kaufman Inc. in 1973 indicates an IP anomaly with a low resistivity response through the middle of this identified soil anomaly (Figure 7; Lloyd, 1973). Possible explanations for the IP anomalies include a mineralized fault (\pm contact) zone, or a well mineralized zone within bedrock (Lloyd, 1973). This area also contains elevated gold, up to 395.70 ppb and molybdenum values up to 8.60 ppm (Figures 8 and 9, respectively).

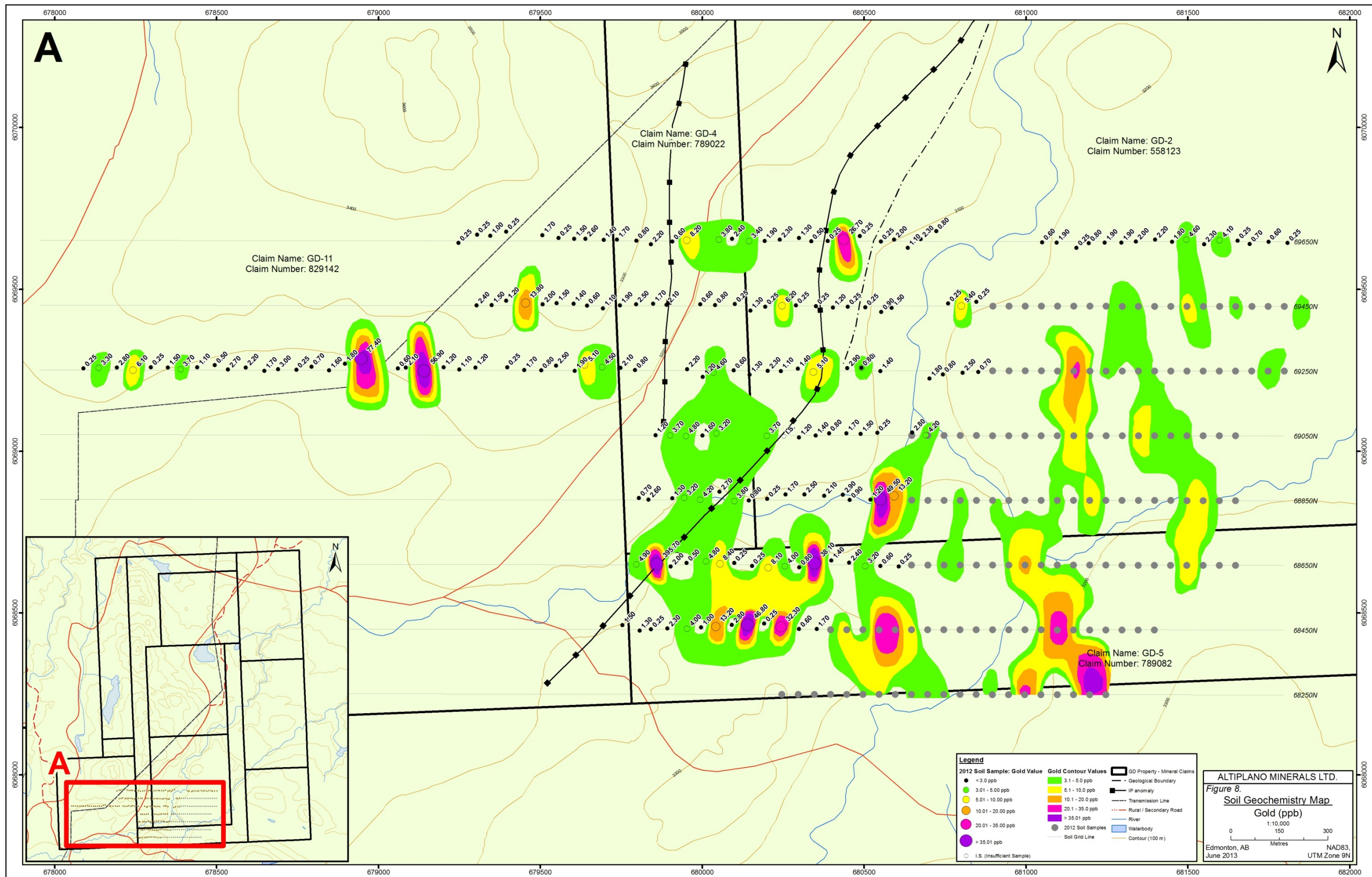
Another area with elevated copper, gold, and molybdenum values is on the west side of the transmission line on soil line 69250N. Copper values ranging from weakly anomalous (31.90 ppm) to highly anomalous (130.0 and 201.40 ppm). Gold returned two anomalous samples of 56.90 and 77.40 ppb and molybdenum had a highly anomalous value of 22.70 ppm, which is coincident with the copper value of 201.40 ppm.

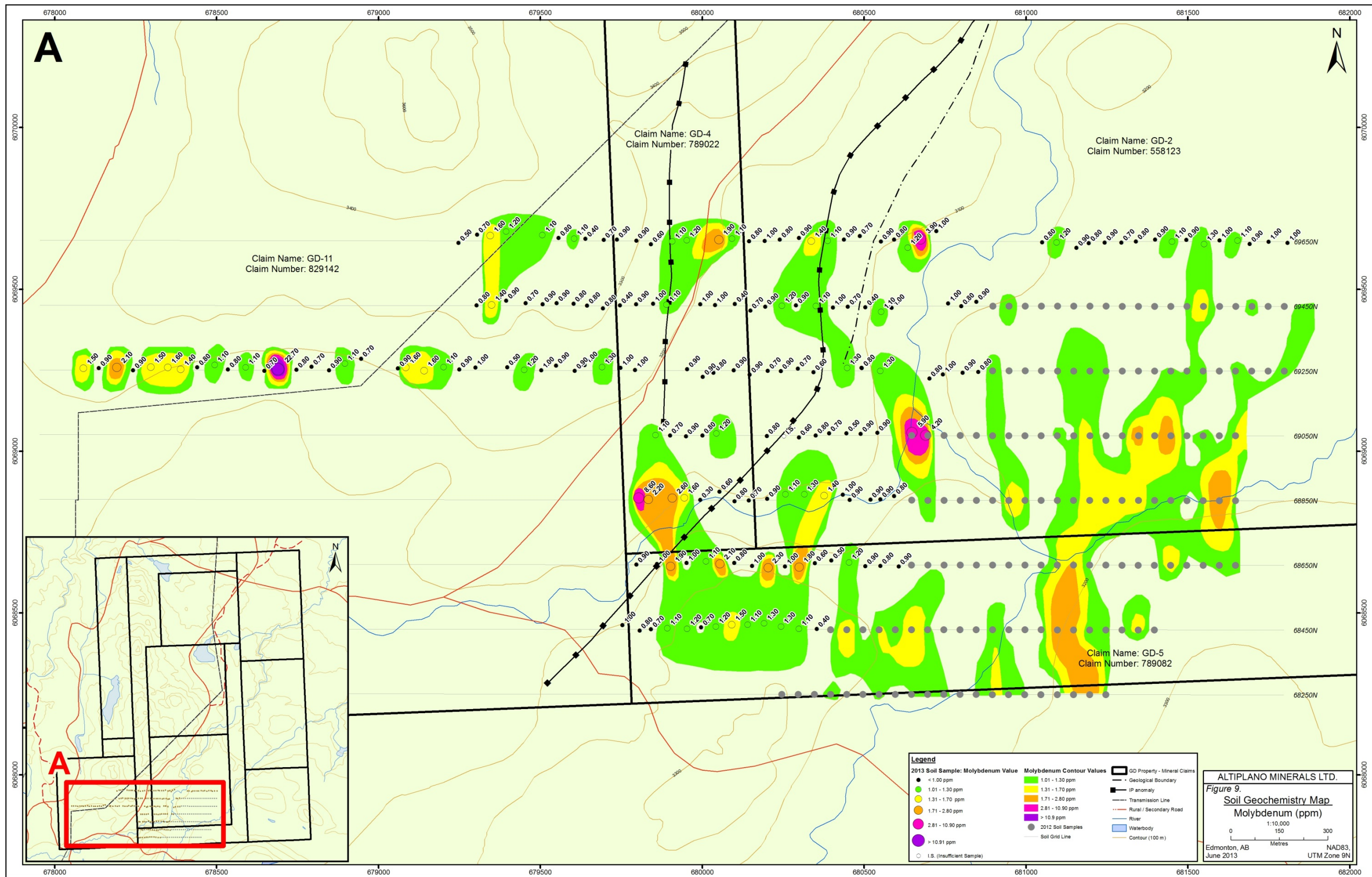
There are other notable copper, gold and molybdenum values throughout the sampled soil grid, which could potentially be due to thick overburden which could have caused the scattering of anomalies (where overburden thins) on the soil grids (Malahoff, 2010).













PERSONNEL / CONTRACTORS INVOLVED IN 2013 ASSESSMENT WORK

A complete list of the individuals involved with field work in 2013 is included in Table 5 below.

Table 5. Individuals involved in 2013 field program.

| People | Position | Company | Dates on Site | Field Days | Office Days |
|-----------------------------|-------------------|-------------------------|----------------------|-------------------|--------------------|
| Simeon Robinson, P.Geo. | Senior Geologist | Altiplano Minerals Ltd. | June 3-9 | 7 | 0.5 |
| Meredith Roik | Project Geologist | APEX Geoscience Ltd. | | 7 | 8 |
| Philo Schoeman, Pr.Sci.Nat. | Senior Geologist | | | 7 | |
| Brad Williamson | Student Geologist | | | 7 | |

A list of the contracting organizations involved with field work and subsequent analysis include:

Acme Analytical Laboratories Ltd.
Vancouver Laboratory
 9050 Shaughnessy Street
 Vancouver, B.C. V6P 6E5

Acme Analytical Laboratories Ltd.
Smithers Branch
 3470 Highway 16
 Smithers, B.C. V0J 2N0

APEX Geoscience Ltd.
 #200, 9797-45 Avenue
 Edmonton, Alberta T6E 5V8

BearsPaw Inn
 1977 Goold Road
 Houston, B.C. V0J 1Z0



CONCLUSIONS

During the 2013 field program on Altiplano Minerals Ltd.'s GD Property in central British Columbia, six rock samples and 186 soil samples were collected, which have outlined and further expanded existing copper, gold, and molybdenite anomalies. Rock sample locations were chosen to follow up on previously mapped outcrop along Tachek Creek in the north of the property, and a creek with exposed basalt and granodiorite in the southern portion of the GD property.

Soil sampling identified two primary areas within the GD property returned anomalous copper, gold and molybdenum values. These include the west end of soil line 69250N and the western extensions of 2012 soil lines 68450N, 68650N, 68850N and 69650N. Of the 186 soil samples collected, six samples returned copper values classified as highly anomalous with assay results above 90.0 ppm, six samples with gold values above 35.0 ppb, and three samples returned molybdenum values above 5.0 ppm.

RECOMMENDATIONS

It is recommended that further work be conducted on the GD property. This would include, but is not limited to:

1. Additional soil sampling to extend soil lines 69450N and 69650N further to the west in order to expand the copper anomaly to the north. A new soil line, 69850N, 200 m north of soil line 69650N through claim 789022 would be recommended to test for copper to the north of known anomalies and positive IP resistivity anomalies.
2. Infill soil geochemistry along the north-south trending copper anomaly which is coincident with an IP resistivity low and chargeability high in order to delineate drill targets.
3. Continue to prospect and cover all visible Middle Jurassic Spike Peak Intrusive Suite rocks with soil grids and test the Late Triassic to Early Jurassic Topley Intrusive Suite rocks outcropping in the south-eastern part of the property.



REFERENCES

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- BC Geological Survey, Ministry of Energy, Mines & Petroleum Resources (2013). BC Minfile 093L 315 – Gold Dust. Retrieved June 1, 2013 from <http://minfile.gov.bc.ca/>
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- Noranda Exploration Company Limited. (1969). Exploration Report, Tachi Option.
- Plicka, P. (1982). Prospecting Report on Dan No. 1 Claim. BC ARIS 10,862.
- Strickland, D. (2012). Geological and Geochemical Report on the GD Property.
- Woolverton, R.W. (1973). Geophysical Report on the Jill Claims. BC ARIS 4,427.



CERTIFICATE OF AUTHORS

I, Meredith Roik, M.Sc., do hereby certify that:

1. I am currently employed as a Project Geologist with:

APEX Geoscience Ltd.
#200, 9797 45 Avenue
Edmonton, Alberta, Canada
T6E 5V8

2. My academic qualification is: Bachelor of Science in Environmental Geoscience, received from Acadia University, Wolfville, Nova Scotia in 2007, and a Master of Science, in Applied Geomatics received from Acadia University and Nova Scotia Community College in 2009.
3. I have worked as a geologist for four years since my graduation from university and have experience in gold and mineral exploration.
4. I am responsible for the preparation of all sections of the technical report entitled "2013 Assessment Report on Portions of the GD Property, British Columbia", on behalf of Altiplano Minerals Ltd.
5. As of the date of this certificate, to the best of the my knowledge, information and belief, the Assessment Report contains all scientific and technical information that is required to be disclosed to make the technical report not misleading.

July 4, 2013

Date

A handwritten signature in black ink, appearing to read "MEREDITH E. ROIK", written over a horizontal line.

Meredith E. Roik



CERTIFICATE OF AUTHORS

I, Simeon Robinson, B.Sc., P.Ge., do hereby certify that:

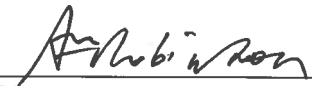
1. I am currently employed as a Geologist with:

Altiplano Minerals Ltd
#220 9797 45 Avenue
Edmonton, Alberta, Canada
T6E 5V8

2. My academic qualification is: Bachelor of Science (Mineral Exploration and Mining Geology), received from the Western Australian School of Mines, Curtin University, Australia in 2002.
3. I am a member in good standing with the Association of Professional Engineers and Geoscientists of Alberta (APEGA) and Northwest Territories Association of Professional Engineers and Geoscientists (NAPEG).
4. I have worked as a geologist for a total of 11 years since my graduation from university and have extensive experience in mineral exploration.
5. I am responsible for the preparation of all sections of the technical report entitled "2013 Assessment Report on Portions of the GD Property, British Columbia", on behalf of Altiplano Minerals Ltd.
6. As of the date of this certificate, to the best of the my knowledge, information and belief, the Assessment Report contains all scientific and technical information that is required to be disclosed to make the technical report not misleading.

July 4, 2013

Date



Simeon Robinson, P.Ge.

APPENDIX 1

Statement of Costs

Statement of Costs - 2013 Field Program

June 3 - 9, 2013

Altiplano Minerals - GD Property

| Personnel | | Man Days | Unit Cost (Average) | Total |
|------------------|--------------------------|----------|------------------------|--------------|
| Geologist | Field Work | 28 | \$ 487.50 | \$ 13,650.00 |
| Geologist | Research, Report Writing | 8.5 | \$ 405.88 | \$ 3,450.00 |

| Transportation and Accommodations | Days | Unit Cost | Total |
|--|------|-----------|-------------|
| Vehicle Rental (2 vehicles) | 14 | \$ 100.00 | \$ 1,400.00 |
| Fuel | | | \$ 831.52 |
| Accommodations | 6 | \$ 240.00 | \$ 1,440.00 |
| Food | | | \$ 458.14 |

| Analytical | Samples | Unit Cost | Total |
|-------------------|---------|-----------|-------------|
| Rock Samples | 6 | \$ 33.14 | \$ 198.84 |
| Soil Samples | 186 | \$ 21.68 | \$ 4,032.48 |

| Field Supplies | Total |
|-----------------------|-------------|
| Sampling equipment | \$ 1,456.13 |

| | |
|---|---------------------|
| 2013 Field Program Total Expenditure | \$ 26,917.11 |
|---|---------------------|

APPENDIX 2

Rock Sample Information

| SAMPLE ID | EAST | NORTH | UTM_ZONE | CLAIM NUMBER | SAMPLE DATE | NTS | GEOLOGIST | LITHOLOGY | DISPOSITION | ALTERATION INTENSITY | ALTERATION TYPE | VEINING | MAGNETISM | GRAIN SIZE | STRIKE | DIP | QUARTZ | FELDSPAR | AMPHIBOLE | PYROXENE | OXIDES | OTHER | REMARKS |
|-----------|-----------|------------|------------------|--------------|-------------|------|-----------|---|-------------|----------------------|-----------------|---------|-----------|-------------------|--------|-----|--------|----------|-----------|----------|--------|-------|---|
| 13MRP001 | 682914.00 | 6073422.00 | NAD 1983 UTM z9N | 790382 | 4-Jun-13 | 093L | SR | Polymictic Conglomerate | Outcrop | | | | | Very coarse grain | | | | | | | | | GPS taken on upper flank of creek channel. Samples taken from creek bed 10-20m to the west. Sample from gentle dipping, layered conglomerate 20-30mm pebble polymictoc conglom. Mixed euhedral and rounded clasts 0.5-2cm. Subangular clasts of black mafic? Clast supported. |
| 13MRP002 | 681037.00 | 6068736.00 | NAD 1983 UTM z9N | 558123 | 6-Jun-13 | 093L | SR | Basalt | Outcrop | | | | | Fine | 250 | 85N | | 30 | 33 | 32 | 5 | | Rock face exposed on edge of river. Exposure 20x5m. Fine grained-massive grey unit. No visible bedding or textures. Equigranular. Sub vertical contact 250/85N (no declination set) with yellow-brown massive fg unit to south (13MRP003). |
| 13MRP003 | 681037.00 | 6068736.00 | NAD 1983 UTM z9N | 558123 | 6-Jun-13 | 093L | SR | Quartz-Feldspar-Phyric Granodiorite? | Outcrop | | | | | Fine | | | 40 | 35 | 15 | | 5 | 5 | Fg, slightly weathered yellow-brown unit. Separated from unit to south by narrow cm-scale shear. Water movement and precip of carbonates. 1-2mm euhedral to subhedral quartz and feldspar. Groundmass finer grained qtz-felds mafic. |
| 13MRP004 | 681026.00 | 6068730.00 | NAD 1983 UTM z9N | 789082 | 6-Jun-13 | 093L | SR | Feldspar +- Quartz Phyric Intrusive Intermediate? | Outcrop | | | | | | | | 40 | 35 | | | 5 | 20 | Same unit as previous (13MRP003). Porphyritic unit. |
| 13PSP001 | 682940.00 | 6073408.00 | NAD 1983 UTM z9N | 790382 | 4-Jun-13 | 093L | Philo S. | Basalt? | Outcrop | Minor | Fe Stain | | None | Fine | 36 | 85E | | | | | | | Dark green, fn gr equigranular basalt sampled from fracture/shear zone +/-25-30cm thick. E sidewall within sidewall hosted by 8-10m thick polymictic conglomerate dipping gently north. |
| 13PSP002 | 682941.00 | 6073390.00 | NAD 1983 UTM z9N | 790382 | 4-Jun-13 | 093L | Philo S. | Conglomerate | Outcrop | Minor | Fe Stain | | None | Porphyritic | 48 | 75E | | | | | | | Brecciated polymictic conglomerate on similar structure as in 13PSP001. Conglomerate is 8-10m thick, dipping gently N. Structure width probably ~20cm thick. |

APPENDIX 3

Rock Sample Analytical Certificate



www.acmelab.com

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: Altiplano Minerals Ltd.
220-9797 45 Ave
Edmonton AB T6E 5V8 CANADA

Submitted By: Meredith Roik
Receiving Lab: Canada-Smithers
Received: June 09, 2013
Report Date: June 26, 2013
Page: 1 of 2

CERTIFICATE OF ANALYSIS

SMI13000042.1

CLIENT JOB INFORMATION

Project: GD Property
Shipment ID: 13-APN-RX001
P.O. Number
Number of Samples: 6

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 90 days

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

Invoice To: Altiplano Minerals Ltd.
220-9797 45 Ave
Edmonton AB T6E 5V8
CANADA

CC: Peter Kleespies
Simeon Robinson

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 6 columns: Procedure Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Rows include R200-250, 3B, and 1DX.

ADDITIONAL COMMENTS



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



www.acmelab.com

Acme Analytical Laboratories (Vancouver) Ltd.
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
 PHONE (604) 253-3158

Client: **Altiplano Minerals Ltd.**
 220-9797 45 Ave
 Edmonton AB T6E 5V8 CANADA

Project: GD Property
 Report Date: June 26, 2013

Page: 2 of 2

Part: 1 of 1

CERTIFICATE OF ANALYSIS

SMI13000042.1

| Method | WGHT | 3B | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | |
|----------|------|------|-----|-----|-------|-----|-----|------|------|------|------|------|------|------|-----|-----|------|------|------|------|------|
| Analyte | Wgt | Au | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | |
| Unit | kg | ppb | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | |
| MDL | 0.01 | 2 | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | |
| 13MRP001 | Rock | 1.17 | <2 | 0.4 | 24.0 | 2.8 | 57 | <0.1 | 33.5 | 11.5 | 499 | 3.03 | 7.6 | 2.9 | 1.0 | 68 | 0.2 | 0.2 | 0.1 | 65 | 1.57 |
| 13MRP002 | Rock | 1.54 | <2 | 0.2 | 53.7 | 2.0 | 67 | <0.1 | 35.5 | 27.7 | 787 | 4.54 | 6.4 | 1.2 | 0.8 | 87 | 0.1 | <0.1 | <0.1 | 142 | 3.21 |
| 13MRP003 | Rock | 0.52 | <2 | 0.4 | 136.7 | 2.0 | 65 | <0.1 | 6.4 | 7.5 | 416 | 2.28 | 1.1 | 2.0 | 3.0 | 58 | 0.5 | 0.1 | 0.1 | 65 | 0.52 |
| 13MRP004 | Rock | 0.65 | 2 | 0.5 | 64.3 | 2.6 | 31 | <0.1 | 4.7 | 5.6 | 245 | 2.36 | 1.3 | 2.8 | 2.7 | 114 | <0.1 | <0.1 | <0.1 | 67 | 0.54 |
| 13PSP001 | Rock | 1.23 | 4 | 0.6 | 70.8 | 4.3 | 61 | <0.1 | 51.4 | 29.3 | 379 | 3.09 | 13.4 | 1.1 | 1.6 | 31 | 0.1 | 0.2 | 0.2 | 64 | 0.51 |
| 13PSP002 | Rock | 1.27 | <2 | 0.6 | 19.1 | 4.1 | 53 | <0.1 | 32.2 | 17.7 | 353 | 1.72 | 17.2 | <0.5 | 0.5 | 67 | 0.1 | 0.5 | <0.1 | 50 | 1.13 |

CERTIFICATE OF ANALYSIS

SMI1300042.1

| Method | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | |
|----------|-------|-------|-----|------|------|-------|-------|------|-------|-------|------|------|-------|------|-------|------|------|-----|------|
| Analyte | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Tl | S | Sc | Se | Ga | Te | |
| Unit | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | |
| MDL | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 0.1 | 0.5 | 1 | 0.2 | |
| 13MRP001 | Rock | 0.021 | 5 | 31 | 0.45 | 164 | 0.003 | <20 | 0.46 | 0.006 | 0.07 | <0.1 | <0.01 | <0.1 | <0.05 | 8.8 | <0.5 | 1 | <0.2 |
| 13MRP002 | Rock | 0.103 | 9 | 51 | 2.61 | 11 | 0.251 | <20 | 3.78 | 0.039 | 0.03 | 0.3 | <0.01 | <0.1 | 0.05 | 6.5 | <0.5 | 10 | <0.2 |
| 13MRP003 | Rock | 0.075 | 8 | 16 | 0.96 | 57 | 0.098 | <20 | 1.09 | 0.057 | 0.08 | <0.1 | <0.01 | <0.1 | 0.10 | 4.1 | <0.5 | 5 | <0.2 |
| 13MRP004 | Rock | 0.075 | 7 | 15 | 0.74 | 108 | 0.106 | <20 | 0.99 | 0.077 | 0.09 | 0.2 | <0.01 | <0.1 | 0.10 | 2.3 | <0.5 | 5 | <0.2 |
| 13PSP001 | Rock | 0.007 | 7 | 39 | 0.19 | 116 | 0.011 | <20 | 0.47 | 0.002 | 0.08 | <0.1 | 0.02 | <0.1 | 0.07 | 11.6 | <0.5 | 2 | <0.2 |
| 13PSP002 | Rock | 0.004 | 2 | 19 | 0.55 | 53 | 0.002 | <20 | 0.30 | 0.005 | 0.06 | <0.1 | 0.05 | <0.1 | 0.08 | 5.5 | <0.5 | <1 | <0.2 |

QUALITY CONTROL REPORT

SMI13000042.1

| Method | WGHT | 3B | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX |
|------------------------|------------|------|-------|-------|-------|------|-------|-------|------|------|-------|------|------|------|------|------|------|------|-----|--------|------|
| Analyte | Wgt | Au | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | |
| Unit | kg | ppb | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | |
| MDL | 0.01 | 2 | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | |
| REP G1-SMI | QC | <2 | | | | | | | | | | | | | | | | | | | |
| 13MRP001 | Rock | 1.17 | <2 | 0.4 | 24.0 | 2.8 | 57 | <0.1 | 33.5 | 11.5 | 499 | 3.03 | 7.6 | 2.9 | 1.0 | 68 | 0.2 | 0.2 | 0.1 | 65 | 1.57 |
| REP 13MRP001 | QC | | 0.2 | 23.3 | 2.8 | 55 | <0.1 | 31.5 | 11.6 | 493 | 2.96 | 8.2 | 0.9 | 1.0 | 71 | 0.1 | 0.1 | 0.1 | 64 | 1.53 | |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD DS9 | Standard | | 11.7 | 107.0 | 127.1 | 297 | 1.5 | 38.6 | 7.5 | 587 | 2.41 | 24.5 | 99.8 | 6.2 | 68 | 2.2 | 4.5 | 6.1 | 41 | 0.72 | |
| STD OREAS45EA | Standard | | 1.2 | 674.6 | 14.4 | 30 | 0.2 | 382.4 | 51.8 | 401 | 24.84 | 9.5 | 59.1 | 10.1 | 4 | <0.1 | 0.1 | 0.3 | 299 | 0.04 | |
| STD OXK94 | Standard | 3776 | | | | | | | | | | | | | | | | | | | |
| STD SH55 | Standard | 1379 | | | | | | | | | | | | | | | | | | | |
| STD SH55 Expected | | 1375 | | | | | | | | | | | | | | | | | | | |
| STD OXK94 Expected | | 3562 | | | | | | | | | | | | | | | | | | | |
| STD DS9 Expected | | | 12.84 | 108 | 126 | 317 | 1.83 | 40.3 | 7.6 | 575 | 2.33 | 25.5 | 118 | 6.38 | 69.6 | 2.4 | 4.94 | 6.32 | 40 | 0.7201 | |
| STD OREAS45EA Expected | | | 1.78 | 709 | 14.3 | 30.6 | 0.311 | 357 | 52 | 400 | 22.65 | 11.4 | 53 | 10.7 | 4.05 | 0.03 | 0.64 | 0.26 | 295 | 0.032 | |
| BLK | Blank | <2 | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | <2 | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | 4 | 0.02 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | |
| Prep Wash | | | | | | | | | | | | | | | | | | | | | |
| G1-SMI | Prep Blank | | 0.1 | 2.4 | 2.6 | 48 | <0.1 | 4.0 | 4.2 | 578 | 1.96 | 0.6 | 5.6 | 5.4 | 49 | <0.1 | <0.1 | 0.2 | 36 | 0.41 | |
| G1-SMI | Prep Blank | <2 | | | | | | | | | | | | | | | | | | | |

QUALITY CONTROL REPORT

SMI13000042.1

| Method | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | |
|------------------------|------------|--------|------|------|--------|-------|--------|------|--------|--------|-------|------|-------|-------|--------|------|------|------|------|
| Analyte | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Tl | S | Sc | Se | Ga | Te | |
| Unit | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | |
| MDL | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 0.1 | 0.5 | 1 | 0.2 | |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | |
| REP G1-SMI | QC | | | | | | | | | | | | | | | | | | |
| 13MRP001 | Rock | 0.021 | 5 | 31 | 0.45 | 164 | 0.003 | <20 | 0.46 | 0.006 | 0.07 | <0.1 | <0.01 | <0.1 | <0.05 | 8.8 | <0.5 | 1 | <0.2 |
| REP 13MRP001 | QC | 0.025 | 6 | 29 | 0.45 | 181 | 0.004 | <20 | 0.47 | 0.006 | 0.07 | <0.1 | <0.01 | <0.1 | <0.05 | 8.6 | <0.5 | 1 | <0.2 |
| Reference Materials | | | | | | | | | | | | | | | | | | | |
| STD DS9 | Standard | 0.081 | 13 | 121 | 0.62 | 311 | 0.108 | <20 | 0.95 | 0.083 | 0.41 | 2.7 | 0.19 | 5.0 | 0.17 | 2.2 | 5.2 | 4 | 4.0 |
| STD OREAS45EA | Standard | 0.028 | 7 | 862 | 0.09 | 147 | 0.087 | <20 | 3.22 | 0.018 | 0.06 | <0.1 | <0.01 | <0.1 | <0.05 | 77.2 | <0.5 | 13 | <0.2 |
| STD OXK94 | Standard | | | | | | | | | | | | | | | | | | |
| STD SH55 | Standard | | | | | | | | | | | | | | | | | | |
| STD SH55 Expected | | | | | | | | | | | | | | | | | | | |
| STD OXK94 Expected | | | | | | | | | | | | | | | | | | | |
| STD DS9 Expected | | 0.0819 | 13.3 | 121 | 0.6165 | 330 | 0.1108 | | 0.9577 | 0.0853 | 0.395 | 2.89 | 0.2 | 5.3 | 0.1615 | 2.5 | 5.2 | 4.59 | 5.02 |
| STD OREAS45EA Expected | | 0.029 | 8.19 | 849 | 0.095 | 148 | 0.106 | | 3.32 | 0.027 | 0.053 | | 0.34 | 0.072 | 0.044 | 78 | 2.09 | 11.7 | 0.11 |
| BLK | Blank | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | | | | | | | |
| BLK | Blank | <0.001 | <1 | <1 | <0.01 | <1 | <0.001 | <20 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.05 | <0.1 | <0.5 | <1 | <0.2 |
| Prep Wash | | | | | | | | | | | | | | | | | | | |
| G1-SMI | Prep Blank | 0.074 | 9 | 11 | 0.57 | 226 | 0.126 | <20 | 0.92 | 0.064 | 0.49 | <0.1 | <0.01 | 0.3 | <0.05 | 2.0 | <0.5 | 5 | <0.2 |
| G1-SMI | Prep Blank | | | | | | | | | | | | | | | | | | |

APPENDIX 4

Soil Sample Information

| SAMPLE ID | EAST | NORTH | UTM_ZONE | SAMPLE DATE | NTS | WEATHER | VEGETATION | VEG INTENSITY | SAMPLE DEPTH (cm) | THICKNESS (cm) | HOR | MOISTURE | RELIEF | TOPO POSITION | MATRIX PERCENT | TEXTURE | COLOUR | COMPACTION | SORTING | CLAST PERCENT | CLAST MODAL (cm) | CLAST MAX (cm) | LITHOLOGY | COLOUR | MODAL SHAPE | REMARKS | |
|-----------|--------|---------|----------|-------------|------|---------|-----------------------|---------------|-------------------|----------------|-----|----------|--------|---------------|----------------|---------|--------------|------------|---------|---------------|------------------|----------------|---------------------|------------|-------------|--|--|
| 13PSS062 | 681049 | 6069646 | NAD83_9N | 7-Jun-13 | 093L | Cloudy | Coniferous | Mod | 10 | 9 | B | Moist | Medium | Lower Slope | 98 | Silt | Dark brown | Medium | Medium | 2 | 2 | 2 | Porphyry | Dark Green | Subrounded | Organics 10cm, well developed organics and thick moss. B 9cm, well developed dark brown bleaching downwards. | |
| 13PSS063 | 680722 | 6069680 | NAD83_9N | 7-Jun-13 | 093L | Cloudy | Coniferous | Sparse | 5 | 8 | B | Moist | Low | Level | 95 | Sand | Light Brown | Medium | Medium | 5 | 3 | 6 | Porphyry | Dark Green | Subangular | Organics 5cm, poorly developed organics and thin moss. B 8cm, light brown sandy material bleaching downward. On small terrace 15m above current floodplain. | |
| 13PSS064 | 680674 | 6069656 | NAD83_9N | 7-Jun-13 | 093L | Cloudy | Coniferous | Sparse | 8 | 14 | B | Wet | Low | Level | 95 | Clay | Light Grey | Medium | Medium | 5 | 2 | 4 | Porphyry | Dark Green | Subangular | Organics 8cm, well developed organics, thin moss. B 14cm, poorly developed grey clay. On terrace with swampy environment. 15m above floodplain. | |
| 13PSS065 | 680634 | 6069629 | NAD83_9N | 7-Jun-13 | 093L | Cloudy | Coniferous | Sparse | 12 | 20 | B | Moist | Low | Level | 90 | Sand | Medium Brown | Medium | Poor | 10 | 3 | 5 | Porphyry | Dark Green | Subrounded | Organics 12cm, well developed. B slightly maroon colored for ~5cm, remaining 15cm below brown with orange tinge. On next terrace up, 15m from top. | |
| 13PSS066 | 680592 | 6069654 | NAD83_9N | 7-Jun-13 | 093L | Cloudy | Coniferous | Sparse | 5 | 8 | B | Moist | Low | Mid Slope | 90 | Sand | Medium Brown | Medium | Poor | 10 | 2 | 12 | Porphyry | Dark Green | Subangular | Organics 5cm, poorly developed organics, thin moss. B 8cm, well developed medium brown with orange tinge bleaching downward. On flat area in slight depression. | |
| 13PSS067 | 679952 | 6069652 | NAD83_9N | 8-Jun-13 | 093L | Cloudy | Coniferous | Moderate | 12 | 2 | Ah | Moist | Medium | Mid Slope | 80 | Sand | Medium Brown | Medium | Poor | 20 | 2 | 12 | Porphyry | Dark Green | Subangular | Organics 12cm, well developed layer. Ah 2cm, medium brown | |
| 13PSS068 | 679907 | 6069648 | NAD83_9N | 8-Jun-13 | 093L | Cloudy | Coniferous | Moderate | 12 | 2 | Ah | Moist | Medium | Mid Slope | 90 | Silt | Dark brown | Medium | Poor | 10 | 1 | 4 | Porphyry | Dark Green | Subangular | Organics 12cm, Ah 2cm. | |
| 13PSS069 | 679841 | 6069640 | NAD83_9N | 8-Jun-13 | 093L | Cloudy | Coniferous | Moderate | 16 | 2 | Ah | Moist | Medium | Mid Slope | 95 | Clay | Dark brown | Medium | Poor | 5 | 2 | 10 | Porphyry | Dark Green | Subangular | Organics 16cm, well developed organics and moss. Ah 2cm, slightly clayey, scattered 10cm. | |
| 13PSS070 | 679796 | 6069651 | NAD83_9N | 8-Jun-13 | 093L | Cloudy | Coniferous | Moderate | 14 | 2 | Ah | Moist | Medium | Mid Slope | 90 | Silt | Light Brown | Medium | Medium | 10 | 1 | 2 | Porphyry | Dark Green | Subangular | Organics 14cm, Ah 2cm. | |
| 13PSS071 | 679736 | 6069654 | NAD83_9N | 8-Jun-13 | 093L | Cloudy | Coniferous | Moderate | 11 | 6 | Ah | Moist | Medium | Mid Slope | 90 | Clay | Medium Brown | Medium | Poor | 10 | | | | | | | Organics 11cm, well developed moss and organics. Ah 6cm, medium brown with orange tinge |
| 13PSS072 | 679695 | 6069653 | NAD83_9N | 8-Jun-13 | 093L | Cloudy | Coniferous | Moderate | 10 | 5 | Ah | Moist | Medium | Mid Slope | 90 | Silt | Light Brown | Medium | Poor | 10 | 2 | 4 | Porphyry | Dark Green | Subangular | Organics 10cm, well developed organics and moss. Ah 5cm, silty clay, bleached. | |
| 13PSS073 | 679639 | 6069657 | NAD83_9N | 8-Jun-13 | 093L | Cloudy | Coniferous | Moderate | 16 | 7 | Ah | Wet | | | 90 | Clay | Light Brown | | | 10 | 5 | 5 | ? | | Rounded | Organics 16cm, well developed organics and thin moss. Ah 7cm, clayey, could be bleached. | |
| 13PSS074 | 679604 | 6069657 | NAD83_9N | 8-Jun-13 | 093L | Cloudy | Coniferous | Moderate | 9 | 11 | Ah | Moist | Low | Mid Slope | 95 | Silt | Light Brown | | | 5 | 3 | 10 | Porphyry | | Subrounded | Organics 9cm, well developed moss and organics. Ah 11cm, not well developed, slightly bleached. | |
| 13PSS075 | 679556 | 6069659 | NAD83_9N | 8-Jun-13 | 093L | Cloudy | Coniferous | Moderate | 10 | 4 | Ah | Dry | Low | Ridge Crest | 95 | Silt | Light Brown | Poor | Medium | 7 | 0.5 | 2 | Porphyry | | | Organics 10cm, poorly developed moss and organics. Ah 4cm, light brown with slight orange tinge. Bleached downward | |
| 13PSS076 | 679506 | 6069668 | NAD83_9N | 8-Jun-13 | 093L | Cloudy | Coniferous | Sparse | 10 | 3 | Ah | Dry | Low | Level | 80 | Silt | Light Brown | | | 20 | | 7 | Porphyry | Dark Green | Subrounded | Organics 10cm, moss poorly developed, some organics. Ah 3cm, light brown, not well developed, slight orange tinge. N48 on powerline reserve, not sampled. | |
| 13PSS077 | 679394 | 6069679 | NAD83_9N | 8-Jun-13 | 093L | Cloudy | Coniferous, Deciduous | Sparse | 15 | 4 | Ah | Dry | Low | Level | 90 | Silt | Medium Grey | Medium | Poor | 10 | 2 | 10 | Porphyry | Dark Green | Subangular | Organics 15cm, well developed organics and no moss. Ah 4cm, no brown or orange tinge | |
| 13PSS078 | 679345 | 6069666 | NAD83_9N | 8-Jun-13 | 093L | Cloudy | Coniferous, Deciduous | Sparse | 22 | 7 | Ah | Wet | Medium | Mid Slope | 95 | Silt | Light Brown | Medium | Medium | 5 | 3 | 12 | Porphyry | Dark Green | Subrounded | Organics 22cm, well developed. Ah 7cm, light brown, appears bleached with no orange tinge. | |
| 13PSS079 | 679304 | 6069669 | NAD83_9N | 8-Jun-13 | 093L | Cloudy | Coniferous, Deciduous | Sparse | 9 | 2 | Ah | Dry | Low | Mid Slope | 90 | Sand | Light Brown | Medium | Poor | 10 | 1 | 4 | ? | | Subrounded | Organics 9cm, well developed organics with no moss. Ah 2cm, light brown, no dark brown or orange tinge. | |
| 13PSS080 | 679247 | 6069644 | NAD83_9N | 8-Jun-13 | 093L | Cloudy | Coniferous, Deciduous | Sparse | 12 | 4 | Ah | Moist | Medium | Mid Slope | 90 | Silt | Light Brown | Medium | Poor | 10 | 1 | 3 | ? Too small | | Subrounded | Organics 12cm, well developed organics with little moss. Ah 4cm, slight brown, no bleaching or orange tinge. | |
| 13PSS081 | 680551 | 6069648 | NAD83_9N | 8-Jun-13 | 093L | Cloudy | Coniferous | Sparse | 6 | 7 | Ah | Moist | Low | Level | 85 | Silt | Light Brown | Medium | Poor | 15 | 1 | 12 | | | Rounded | Organics 6cm, poorly developed moss. Ah 7cm, light brown with yellow tinge, bleaching rapidly downwards | |
| 13PSS082 | 680486 | 6069665 | NAD83_9N | 8-Jun-13 | 093L | Cloudy | Coniferous | Moderate | 7 | 5 | Ah | Moist | Medium | Mid Slope | 95 | Sand | Maroon | Poor | Medium | 5 | 0.5 | 2 | ? | | Subrounded | Organics 7cm, well developed moss and poor organics. Ah 5cm, poorly developed light maroon colour, yellow below. | |
| 13PSS083 | 680437 | 6069654 | NAD83_9N | 8-Jun-13 | 093L | Cloudy | Coniferous | Sparse | 7 | 6 | Ah | Moist | Low | Level | 90 | Silt | Maroon | | | 10 | 2 | 4 | Porphyry | Dark Green | Subangular | Organics 7cm, well developed moss and some organics. Ah 6cm, light maroon, poorly developed thin horizon, no brown or orange | |
| 13PSS084 | 680387 | 6069650 | NAD83_9N | 8-Jun-13 | 093L | Cloudy | Coniferous | Moderate | 8 | 5 | Ah | Moist | Low | Lower Slope | 90 | Sand | Light Yellow | Poor | Poor | 10 | 2 | 5 | Porphyry | Dark Green | Rounded | Organics 8cm, well developed moss, poorly developed organics. Ah 5cm, poorly developed light yellow, no brown or orange tinge. | |
| 13PSS085 | 680336 | 6069649 | NAD83_9N | 8-Jun-13 | 093L | Cloudy | Coniferous | Moderate | 8 | 4 | Ah | Moist | Low | Mid Slope | 85 | Silt | Maroon | | | 15 | 3 | 12 | Fine-grained Basalt | Dark Green | Subrounded | Organics 8cm, well developed moss and thin organics. Ah 4cm, light maroon colour, poorly developed. | |
| 13PSS086 | 680298 | 6069659 | NAD83_9N | 8-Jun-13 | 093L | Cloudy | Coniferous | Moderate | 9 | 3 | Ah | Moist | Low | Level | 98 | Silt | Maroon | | | 2 | 1 | 2 | ? | | Subangular | Organics 9cm, poorly developed organics, moderately developed moss. Ah 3cm, poorly developed light maroon with light yellow downwards. Charcoal for N-27 onward. | |
| 13PSS087 | 680239 | 6069654 | NAD83_9N | 8-Jun-13 | 093L | Cloudy | Swamp | Moderate | 14 | 5 | Ah | Wet | Low | Level | 100 | Clay | Black | Poor | Well | 0 | | | | | | | Organics 14cm, well developed roots and moss. Ah 5cm, black peaty clay, no obvious charcoal observed. On edge of swamp. |
| 13PSS088 | 680192 | 6069650 | NAD83_9N | 8-Jun-13 | 093L | Cloudy | Coniferous | Moderate | 4 | 3 | Ah | Dry | Medium | Level | 80 | Silt | Light Maroon | | | 20 | 0.5 | 4 | Porphyry | Dark Green | Subangular | Organics 4cm, poorly developed organics and thin moss. Ah 3cm, poorly developed light maroon coloured, light yellow downwards. Flat area on a lobe of a ridge. | |
| 13PSS089 | 680144 | 6069649 | NAD83_9N | 8-Jun-13 | 093L | Cloudy | Coniferous | Moderate | 8 | 3 | Ah | Moist | Medium | Mid Slope | 95 | Silt | Light Brown | Poor | Well | 5 | 0.5 | 0.5 | ? | Dark Green | Subrounded | Organics 8cm, well developed. Ah 3cm, light brown with orange tinge. Charcoal present. | |
| 13PSS090 | 680092 | 6069657 | NAD83_9N | 8-Jun-13 | 093L | Cloudy | Coniferous | Moderate | 7 | 5 | Ah | Dry | Medium | Mid Slope | 90 | Silt | Medium Brown | Medium | Medium | 10 | 1 | 3 | ? | | Subrounded | Organics 7cm, well developed moss, poor organics. Ah 5cm, medium brown with limited orange tinge. | |
| 13PSS091 | 680051 | 6069653 | NAD83_9N | 8-Jun-13 | 093L | Cloudy | Coniferous, Swamp | Moderate | 20 | 5 | Ah | Wet | Low | Level | 100 | Clay | Black | Poor | Well | 0 | | | | | | | Organics 20cm, well developed organics and pine material, thick moss. Ah 5cm, wet black organic rich clay. 69650 N-37 on highway; not taken. |

APPENDIX 5

Soil Sample Analytical Certificate



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Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: Altiplano Minerals Ltd.
220-9797 45 Ave
Edmonton AB T6E 5V8 CANADA

Submitted By: Meredith Roik
Receiving Lab: Canada-Smithers
Received: June 09, 2013
Report Date: June 26, 2013
Page: 1 of 8

CERTIFICATE OF ANALYSIS

SMI13000041.1

CLIENT JOB INFORMATION

Project: GD Property
Shipment ID: 13-APN-S001
P.O. Number
Number of Samples: 186

SAMPLE DISPOSAL

STOR-RJT-SOIL Store Soil Reject - RJSV Charges Apply

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

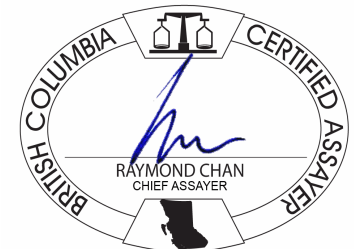
Invoice To: Altiplano Minerals Ltd.
220-9797 45 Ave
Edmonton AB T6E 5V8
CANADA

CC: Peter Kleespies
Simeon Robinson

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 6 columns: Procedure Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Rows include procedures like 'Dry at 60C', 'SS80', '1DX2', 'RJSV', and '1DX1' with corresponding test weights and lab results.

ADDITIONAL COMMENTS



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



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Acme Analytical Laboratories (Vancouver) Ltd.

9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA

PHONE (604) 253-3158

Client: Altiplano Minerals Ltd.
220-9797 45 Ave
Edmonton AB T6E 5V8 CANADA

Project: GD Property
Report Date: June 26, 2013

Page: 2 of 8

Part: 1 of 1

CERTIFICATE OF ANALYSIS

SMI13000041.1

| Method Analyte | Unit | MDL | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|----------------|------|-----|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| | | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | % | % | % | ppm | |
| | | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | |
| 13MRS001 | Soil | | 4.2 | 16.2 | 12.5 | 75 | 0.2 | 8.2 | 10.4 | 1875 | 3.22 | 9.5 | 4.2 | 0.8 | 33 | 0.3 | 0.8 | 0.2 | 73 | 0.16 | 0.085 | 5 |
| 13MRS002 | Soil | | 5.9 | 38.0 | 15.5 | 83 | 0.1 | 17.2 | 15.0 | 2217 | 4.23 | 16.4 | 2.8 | 1.3 | 70 | 0.6 | 1.0 | 0.2 | 63 | 0.53 | 0.074 | 11 |
| 13MRS003 | Soil | | 0.8 | 17.2 | 8.6 | 66 | <0.1 | 16.8 | 11.1 | 1037 | 2.95 | 10.8 | 13.2 | 1.2 | 36 | 0.2 | 0.7 | <0.1 | 59 | 0.35 | 0.065 | 10 |
| 13MRS004 | Soil | | 0.9 | 22.0 | 9.9 | 101 | 0.2 | 18.9 | 11.0 | 1100 | 3.59 | 14.4 | 49.5 | 1.4 | 28 | 0.3 | 0.7 | 0.1 | 65 | 0.25 | 0.125 | 8 |
| 13MRS005 | Soil | | 0.9 | 16.4 | 10.5 | 62 | <0.1 | 17.2 | 9.8 | 299 | 3.30 | 16.7 | 1.2 | 1.1 | 17 | 0.1 | 1.1 | 0.1 | 64 | 0.17 | 0.115 | 5 |
| 13MRS006 | Soil | | 0.9 | 22.7 | 7.9 | 65 | 0.1 | 18.4 | 8.6 | 283 | 2.76 | 8.8 | 0.9 | 1.1 | 21 | <0.1 | 0.9 | 0.1 | 52 | 0.19 | 0.113 | 6 |
| 13MRS007 | Soil | | 1.0 | 8.1 | 8.8 | 45 | 0.1 | 7.9 | 5.5 | 166 | 2.51 | 8.6 | 2.9 | 0.9 | 14 | <0.1 | 0.6 | 0.1 | 55 | 0.12 | 0.130 | 5 |
| 13MRS008 | Soil | | 1.4 | 22.0 | 10.6 | 77 | <0.1 | 13.1 | 9.5 | 257 | 3.27 | 14.6 | 2.1 | 1.1 | 13 | 0.1 | 1.1 | 0.1 | 65 | 0.13 | 0.143 | 5 |
| 13MRS009 | Soil | | 1.3 | 30.1 | 9.1 | 58 | 0.1 | 14.7 | 9.1 | 433 | 2.70 | 7.6 | 2.5 | 1.2 | 24 | 0.2 | 0.8 | 0.1 | 57 | 0.23 | 0.028 | 10 |
| 13MRS010 | Soil | | 1.1 | 19.3 | 9.2 | 52 | 0.2 | 10.1 | 6.3 | 246 | 2.87 | 9.6 | 1.7 | 0.6 | 29 | <0.1 | 1.0 | 0.1 | 67 | 0.39 | 0.043 | 8 |
| 13MRS011 | Soil | | 0.9 | 20.8 | 8.0 | 106 | <0.1 | 15.8 | 8.3 | 403 | 3.14 | 11.7 | <0.5 | 1.1 | 15 | 0.1 | 1.0 | <0.1 | 60 | 0.15 | 0.107 | 5 |
| 13MRS012 | Soil | | 0.7 | 9.1 | 8.7 | 78 | 0.1 | 7.5 | 5.2 | 656 | 2.35 | 6.7 | 0.8 | 0.9 | 13 | 0.2 | 0.6 | <0.1 | 47 | 0.11 | 0.129 | 5 |
| 13MRS013 | Soil | | 0.8 | 30.5 | 7.9 | 64 | <0.1 | 17.6 | 10.1 | 274 | 3.27 | 13.8 | 3.8 | 1.0 | 16 | 0.1 | 1.0 | <0.1 | 67 | 0.17 | 0.123 | 5 |
| 13MRS014 | Soil | | 0.6 | 28.6 | 7.8 | 59 | <0.1 | 14.2 | 8.4 | 518 | 2.88 | 11.9 | 2.7 | 0.9 | 31 | 0.2 | 1.1 | <0.1 | 59 | 0.35 | 0.072 | 10 |
| 13MRS015 | Soil | | 0.3 | 16.1 | 9.1 | 71 | 0.1 | 15.1 | 8.3 | 249 | 1.90 | 2.5 | 4.2 | 1.0 | 55 | 0.1 | 0.4 | <0.1 | 50 | 0.95 | 0.087 | 10 |
| 13MRS016 | Soil | | 1.6 | 32.0 | 11.5 | 117 | 0.2 | 9.7 | 6.1 | 238 | 3.96 | 12.4 | 3.2 | 0.7 | 16 | 0.2 | 0.9 | 0.1 | 92 | 0.14 | 0.056 | 5 |
| 13MRS017 | Soil | | 2.6 | 23.5 | 9.3 | 82 | <0.1 | 6.4 | 5.0 | 276 | 3.03 | 7.7 | 1.3 | 0.8 | 14 | 0.2 | 0.9 | 0.1 | 81 | 0.11 | 0.042 | 5 |
| 13MRS018 | Soil | | 2.2 | 223.4 | 6.4 | 47 | 0.9 | 17.4 | 5.9 | 1455 | 1.29 | 7.1 | 2.6 | 0.2 | 147 | 1.0 | 1.3 | <0.1 | 22 | 3.76 | 0.135 | 14 |
| 13MRS019 | Soil | | 8.6 | 59.7 | 6.4 | 48 | 0.6 | 8.3 | 4.8 | >10000 | 1.12 | 3.9 | 0.7 | 0.2 | 136 | 0.6 | 1.0 | 0.2 | 24 | 2.64 | 0.111 | 5 |
| 13MRS020 | Soil | | 0.9 | 14.5 | 11.1 | 62 | 0.2 | 9.9 | 6.5 | 318 | 2.52 | 10.2 | <0.5 | 0.3 | 43 | 0.3 | 0.5 | 0.1 | 58 | 0.61 | 0.052 | 5 |
| 13MRS021 | Soil | | 0.8 | 12.8 | 11.2 | 95 | <0.1 | 12.8 | 10.3 | 831 | 3.33 | 12.5 | 0.6 | 1.0 | 14 | 0.3 | 1.0 | 0.1 | 64 | 0.16 | 0.191 | 5 |
| 13MRS022 | Soil | | 0.9 | 7.1 | 10.5 | 52 | <0.1 | 7.5 | 4.9 | 196 | 2.72 | 9.1 | 3.2 | 0.8 | 11 | 0.1 | 0.6 | 0.1 | 56 | 0.08 | 0.147 | 5 |
| 13MRS023 | Soil | | 1.2 | 34.9 | 10.2 | 70 | <0.1 | 16.9 | 10.8 | 731 | 3.01 | 12.4 | 2.4 | 0.8 | 43 | 0.2 | 1.3 | 0.1 | 62 | 0.65 | 0.069 | 8 |
| 13MRS024 | Soil | | 0.5 | 5.3 | 6.1 | 93 | <0.1 | 18.0 | 10.8 | 550 | 3.18 | 2.1 | 1.4 | 1.1 | 38 | <0.1 | 0.4 | <0.1 | 68 | 0.79 | 0.093 | 7 |
| 13MRS025 | Soil | | 0.6 | 5.5 | 8.3 | 28 | <0.1 | 3.0 | 2.2 | 150 | 1.88 | 2.7 | 38.1 | 0.5 | 15 | <0.1 | 0.6 | 0.1 | 53 | 0.13 | 0.026 | 5 |
| 13MRS026 | Soil | | 1.8 | 17.2 | 14.0 | 63 | 0.2 | 7.8 | 4.7 | 163 | 2.81 | 9.3 | 0.8 | 0.7 | 17 | 0.2 | 1.1 | 0.1 | 80 | 0.16 | 0.048 | 5 |
| 13MRS027 | Soil | | 1.0 | 14.7 | 21.3 | 247 | 0.4 | 10.9 | 11.1 | 543 | 3.82 | 14.2 | 4.0 | 0.8 | 15 | 0.6 | 1.2 | 0.3 | 89 | 0.15 | 0.112 | 5 |
| 13MRS028 | Soil | | 2.3 | 22.6 | 39.1 | 161 | 0.1 | 12.7 | 10.1 | 535 | 4.49 | 26.5 | 8.1 | 0.8 | 16 | 0.3 | 1.3 | 0.3 | 99 | 0.21 | 0.148 | 5 |
| 13MRS029 | Soil | | 1.0 | 36.9 | 10.0 | 157 | 0.1 | 4.4 | 17.4 | 308 | 3.87 | 21.6 | <0.5 | 1.1 | 19 | 0.3 | 1.4 | 0.2 | 123 | 0.23 | 0.124 | 10 |
| 13MRS030 | Soil | | 0.8 | 25.1 | 23.4 | 155 | 0.2 | 11.1 | 8.3 | 983 | 2.27 | 7.3 | <0.5 | 0.4 | 77 | 0.8 | 0.7 | 0.2 | 48 | 1.38 | 0.051 | 5 |

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Acme Analytical Laboratories (Vancouver) Ltd.
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
 PHONE (604) 253-3158

Client: **Altiplano Minerals Ltd.**
 220-9797 45 Ave
 Edmonton AB T6E 5V8 CANADA

Project: GD Property
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Page: 2 of 8

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CERTIFICATE OF ANALYSIS

SMI13000041.1

| Method Analyte Unit MDL | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX | 1DX | 1DX | 1DX | |
|----------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|
| | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te | Mo | Cu | Pb | Zn | |
| | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| 13MRS001 | Soil | 17 | 0.29 | 186 | 0.033 | 4 | 1.27 | 0.011 | 0.04 | 0.1 | 0.03 | 2.9 | <0.1 | <0.05 | 6 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS002 | Soil | 20 | 0.52 | 284 | 0.032 | 3 | 1.63 | 0.015 | 0.08 | 0.2 | 0.05 | 6.1 | <0.1 | <0.05 | 5 | 0.6 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS003 | Soil | 22 | 0.51 | 163 | 0.037 | 1 | 1.32 | 0.014 | 0.04 | <0.1 | 0.05 | 4.9 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS004 | Soil | 24 | 0.42 | 234 | 0.030 | 2 | 1.73 | 0.011 | 0.06 | <0.1 | 0.04 | 5.3 | <0.1 | <0.05 | 5 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS005 | Soil | 17 | 0.34 | 112 | 0.032 | 1 | 1.39 | 0.009 | 0.05 | <0.1 | 0.02 | 3.6 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS006 | Soil | 17 | 0.40 | 163 | 0.034 | 2 | 1.47 | 0.016 | 0.05 | 0.1 | 0.02 | 3.9 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS007 | Soil | 14 | 0.17 | 94 | 0.033 | 1 | 1.19 | 0.009 | 0.03 | 0.1 | 0.01 | 2.5 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS008 | Soil | 17 | 0.26 | 100 | 0.028 | 2 | 1.65 | 0.008 | 0.03 | <0.1 | 0.03 | 3.8 | <0.1 | <0.05 | 5 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS009 | Soil | 22 | 0.34 | 265 | 0.028 | <1 | 1.55 | 0.013 | 0.04 | <0.1 | 0.03 | 5.7 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS010 | Soil | 16 | 0.28 | 304 | 0.026 | <1 | 1.28 | 0.014 | 0.03 | <0.1 | 0.03 | 3.8 | <0.1 | <0.05 | 5 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS011 | Soil | 16 | 0.29 | 117 | 0.038 | <1 | 1.53 | 0.010 | 0.03 | <0.1 | 0.03 | 3.6 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS012 | Soil | 12 | 0.15 | 105 | 0.023 | <1 | 1.15 | 0.007 | 0.03 | <0.1 | 0.03 | 1.8 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS013 | Soil | 18 | 0.39 | 160 | 0.038 | <1 | 1.68 | 0.010 | 0.03 | <0.1 | 0.03 | 4.3 | <0.1 | <0.05 | 5 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS014 | Soil | 16 | 0.38 | 202 | 0.045 | 2 | 1.25 | 0.017 | 0.04 | 0.1 | 0.04 | 5.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS015 | Soil | 23 | 0.51 | 302 | 0.028 | 3 | 1.38 | 0.027 | 0.05 | <0.1 | 0.05 | 5.3 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS016 | Soil | 18 | 0.22 | 159 | 0.039 | 2 | 1.34 | 0.010 | 0.04 | 0.1 | 0.03 | 2.9 | <0.1 | <0.05 | 7 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS017 | Soil | 15 | 0.21 | 102 | 0.039 | 2 | 1.09 | 0.010 | 0.04 | 0.1 | 0.02 | 2.5 | <0.1 | <0.05 | 6 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS018 | Soil | 12 | 0.23 | 853 | 0.011 | 5 | 0.74 | 0.028 | 0.02 | <0.1 | 0.28 | 2.4 | <0.1 | 0.16 | 2 | 2.0 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS019 | Soil | 10 | 0.28 | 1942 | 0.015 | 4 | 0.86 | 0.035 | 0.03 | <0.1 | 0.11 | 1.9 | <0.1 | 0.13 | 2 | 1.2 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS020 | Soil | 15 | 0.30 | 259 | 0.029 | 1 | 1.24 | 0.017 | 0.03 | <0.1 | 0.03 | 3.1 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS021 | Soil | 16 | 0.30 | 93 | 0.035 | 1 | 1.34 | 0.010 | 0.03 | <0.1 | 0.02 | 3.0 | <0.1 | <0.05 | 5 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS022 | Soil | 14 | 0.15 | 72 | 0.026 | <1 | 1.16 | 0.008 | 0.03 | 0.1 | 0.01 | 2.2 | <0.1 | <0.05 | 5 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS023 | Soil | 19 | 0.43 | 197 | 0.049 | 2 | 1.24 | 0.020 | 0.07 | 0.1 | 0.04 | 4.9 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS024 | Soil | 24 | 1.03 | 328 | 0.079 | 1 | 1.74 | 0.020 | 0.04 | <0.1 | 0.01 | 4.6 | <0.1 | <0.05 | 7 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS025 | Soil | 10 | 0.10 | 76 | 0.040 | 1 | 0.67 | 0.010 | 0.03 | <0.1 | 0.01 | 1.6 | <0.1 | <0.05 | 5 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS026 | Soil | 13 | 0.26 | 157 | 0.037 | <1 | 1.41 | 0.013 | 0.05 | <0.1 | 0.06 | 3.2 | <0.1 | <0.05 | 6 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS027 | Soil | 20 | 0.36 | 145 | 0.031 | <1 | 1.62 | 0.010 | 0.06 | 0.1 | 0.05 | 3.7 | 0.1 | <0.05 | 7 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS028 | Soil | 20 | 0.33 | 138 | 0.037 | <1 | 1.62 | 0.011 | 0.06 | 0.2 | 0.04 | 4.0 | <0.1 | <0.05 | 7 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS029 | Soil | 10 | 0.66 | 168 | 0.068 | 4 | 1.68 | 0.044 | 0.09 | <0.1 | 0.01 | 9.5 | 0.2 | <0.05 | 11 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS030 | Soil | 15 | 0.35 | 409 | 0.034 | 3 | 1.16 | 0.018 | 0.04 | <0.1 | 0.04 | 3.7 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |

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



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Acme Analytical Laboratories (Vancouver) Ltd.
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
 PHONE (604) 253-3158

Client: **Altiplano Minerals Ltd.**
 220-9797 45 Ave
 Edmonton AB T6E 5V8 CANADA

Project: GD Property
 Report Date: June 26, 2013

Page: 2 of 8

Part: 3 of 1

CERTIFICATE OF ANALYSIS

SMI13000041.1

| Method | Analyte | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | | |
|----------|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|-------|
| | | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | Cr | Mg | Ba | Ti | |
| Unit | | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | ppm | % | ppm | % | |
| MDL | | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 |
| 13MRS001 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS002 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS003 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS004 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS005 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS006 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS007 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS008 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS009 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS010 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS011 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS012 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS013 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS014 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS015 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS016 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS017 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS018 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS019 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS020 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS021 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS022 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS023 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS024 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS025 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS026 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS027 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS028 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS029 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS030 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |

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



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Acme Analytical Laboratories (Vancouver) Ltd.
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
 PHONE (604) 253-3158

Client: **Altiplano Minerals Ltd.**
 220-9797 45 Ave
 Edmonton AB T6E 5V8 CANADA

Project: GD Property
 Report Date: June 26, 2013

Page: 2 of 8

Part: 4 of 1

CERTIFICATE OF ANALYSIS

SMI13000041.1

| Method | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX |
|----------|------|------|-------|------|------|------|------|------|------|------|------|------|
| Analyte | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm |
| MDL | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
| 13MRS001 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS002 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS003 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS004 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS005 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS006 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS007 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS008 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS009 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS010 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS011 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS012 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS013 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS014 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS015 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS016 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS017 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS018 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS019 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS020 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS021 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS022 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS023 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS024 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS025 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS026 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS027 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS028 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS029 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS030 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |

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Acme Analytical Laboratories (Vancouver) Ltd.
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
 PHONE (604) 253-3158

Client: **Altiplano Minerals Ltd.**
 220-9797 45 Ave
 Edmonton AB T6E 5V8 CANADA

Project: GD Property
 Report Date: June 26, 2013

Page: 3 of 8

Part: 1 of 1

CERTIFICATE OF ANALYSIS

SMI13000041.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|----------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| Unit | MDL | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | |
| | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | |
| 13MRS031 | Soil | 2.1 | 53.4 | 34.7 | 164 | 0.5 | 22.4 | 22.6 | 1756 | 4.56 | 30.4 | 8.4 | 1.1 | 24 | 0.6 | 1.4 | 0.3 | 81 | 0.31 | 0.197 | 6 |
| 13MRS032 | Soil | 1.1 | 61.8 | 34.1 | 70 | 0.4 | 17.8 | 9.3 | 729 | 3.34 | 16.7 | 4.8 | 0.6 | 51 | 0.5 | 1.3 | 0.1 | 69 | 0.79 | 0.068 | 16 |
| 13MRS033 | Soil | 1.0 | 12.9 | 9.0 | 118 | 0.1 | 11.4 | 10.2 | 433 | 3.33 | 13.2 | 0.5 | 0.9 | 11 | 0.3 | 0.9 | <0.1 | 69 | 0.11 | 0.130 | 5 |
| 13MRS034 | Soil | 1.9 | 38.4 | 20.7 | 109 | 0.5 | 16.6 | 16.0 | 860 | 3.97 | 19.1 | 2.0 | 0.9 | 52 | 0.2 | 1.3 | 0.1 | 92 | 0.84 | 0.040 | 10 |
| 13MRS035 | Soil | 1.0 | 19.1 | 11.0 | 67 | <0.1 | 16.6 | 11.4 | 437 | 3.90 | 18.9 | 395.7 | 1.1 | 16 | <0.1 | 1.3 | <0.1 | 82 | 0.17 | 0.126 | 6 |
| 13MRS036 | Soil | 0.9 | 31.9 | 10.4 | 91 | 0.2 | 19.4 | 11.5 | 940 | 2.97 | 9.5 | 4.9 | 1.2 | 38 | 0.2 | 0.7 | <0.1 | 63 | 0.51 | 0.061 | 13 |
| 13MRS037 | Soil | 1.0 | 33.0 | 13.4 | 84 | <0.1 | 14.2 | 10.9 | 753 | 3.18 | 13.5 | 1.5 | 1.2 | 34 | 0.5 | 1.4 | 0.2 | 64 | 0.47 | 0.084 | 9 |
| 13MRS038 | Soil | 0.8 | 11.2 | 11.8 | 71 | 0.2 | 5.3 | 5.7 | 336 | 2.67 | 5.3 | 1.3 | 0.8 | 13 | 0.2 | 0.8 | 0.2 | 66 | 0.11 | 0.059 | 5 |
| 13MRS039 | Soil | 0.7 | 15.8 | 8.7 | 56 | 0.1 | 12.0 | 6.9 | 405 | 2.44 | 6.7 | <0.5 | 0.8 | 32 | 0.1 | 0.7 | 0.2 | 58 | 0.41 | 0.019 | 6 |
| 13MRS040 | Soil | 1.1 | 27.4 | 36.4 | 92 | 0.4 | 16.0 | 8.7 | 420 | 2.60 | 9.1 | 2.3 | 0.7 | 54 | 0.3 | 0.7 | 0.2 | 56 | 0.61 | 0.040 | 7 |
| 13MRS041 | Soil | 1.2 | 121.0 | 21.5 | 141 | 0.8 | 18.7 | 16.8 | 663 | 4.28 | 9.8 | 4.0 | 0.6 | 118 | 1.0 | 1.2 | 0.2 | 105 | 2.28 | 0.081 | 13 |
| 13MRS042 | Soil | 0.7 | 7.4 | 12.4 | 60 | 0.2 | 4.5 | 4.9 | 811 | 2.65 | 3.6 | 1.0 | 0.6 | 15 | 0.2 | 0.6 | 0.2 | 76 | 0.14 | 0.052 | 6 |
| 13MRS043 | Soil | 1.2 | 21.3 | 37.5 | 242 | 0.4 | 11.0 | 14.0 | 553 | 3.53 | 12.9 | 13.2 | 0.3 | 21 | 0.8 | 1.0 | 0.3 | 78 | 0.26 | 0.099 | 5 |
| 13MRS044 | Soil | 1.5 | 217.9 | 16.0 | 142 | 1.6 | 48.6 | 12.9 | 2611 | 4.65 | 22.6 | 2.8 | 0.8 | 126 | 2.9 | 1.3 | 0.2 | 65 | 2.07 | 0.152 | 23 |
| 13MRS045 | Soil | 1.1 | 43.2 | 17.0 | 250 | 0.3 | 14.8 | 10.8 | 894 | 3.40 | 11.8 | 46.8 | 1.0 | 37 | 0.7 | 1.1 | 0.2 | 76 | 0.53 | 0.032 | 8 |
| 13MRS046 | Soil | 1.3 | 9.6 | 7.7 | 58 | <0.1 | 5.1 | 3.9 | 183 | 2.70 | 5.1 | <0.5 | 0.6 | 17 | 0.3 | 0.8 | 0.1 | 80 | 0.16 | 0.031 | 5 |
| 13MRS047 | Soil | 1.3 | 13.4 | 13.3 | 98 | <0.1 | 11.5 | 7.6 | 243 | 3.54 | 14.4 | 32.3 | 1.0 | 12 | <0.1 | 1.0 | 0.1 | 78 | 0.09 | 0.145 | 5 |
| 13MRS048 | Soil | 1.1 | 12.1 | 12.8 | 134 | 0.3 | 9.2 | 8.7 | 314 | 3.54 | 14.6 | 0.6 | 1.1 | 16 | 0.3 | 0.8 | 0.4 | 79 | 0.13 | 0.163 | 6 |
| 13MRS049 | Soil | 0.4 | 5.3 | 7.5 | 27 | <0.1 | 2.0 | 1.3 | 82 | 1.61 | 1.5 | 1.7 | 0.2 | 14 | 0.2 | 0.4 | 0.2 | 45 | 0.11 | 0.015 | 5 |
| 13MRS050 | Soil | 1.5 | 86.0 | 10.6 | 98 | 0.6 | 27.2 | 11.4 | 733 | 3.45 | 8.3 | <0.5 | 1.2 | 98 | 0.2 | 0.5 | 0.2 | 71 | 0.90 | 0.105 | 26 |
| 13MRS051 | Soil | 0.9 | 18.9 | 5.8 | 51 | <0.1 | 12.0 | 6.4 | 289 | 2.24 | 6.5 | 3.3 | 0.7 | 28 | <0.1 | 0.8 | <0.1 | 54 | 0.23 | 0.039 | 7 |
| 13MRS052 | Soil | 2.1 | 69.7 | 13.4 | 144 | 0.4 | 34.6 | 18.9 | 2240 | 5.05 | 18.4 | 2.8 | 1.9 | 58 | 0.1 | 1.1 | 0.2 | 95 | 0.41 | 0.108 | 18 |
| 13MRS053 | Soil | 0.9 | 15.4 | 5.1 | 56 | 0.1 | 11.5 | 6.2 | 335 | 2.06 | 4.8 | 6.1 | 0.6 | 27 | <0.1 | 0.6 | <0.1 | 50 | 0.21 | 0.026 | 7 |
| 13MRS054 | Soil | 1.5 | 9.5 | 6.5 | 56 | <0.1 | 5.6 | 5.3 | 209 | 2.58 | 3.7 | <0.5 | 0.5 | 21 | 0.2 | 0.6 | <0.1 | 75 | 0.16 | 0.039 | 6 |
| 13MRS055 | Soil | 1.6 | 20.2 | 11.3 | 171 | 0.4 | 12.4 | 10.3 | 438 | 3.49 | 9.6 | 1.5 | 0.6 | 35 | 0.5 | 1.0 | 0.2 | 76 | 0.39 | 0.192 | 6 |
| 13MRS056 | Soil | 1.4 | 130.0 | 12.4 | 114 | 0.8 | 35.4 | 14.0 | 1087 | 4.47 | 17.1 | 3.7 | 2.1 | 97 | 0.5 | 1.4 | 0.2 | 85 | 1.01 | 0.088 | 38 |
| 13MRS057 | Soil | 0.8 | 31.9 | 8.4 | 58 | 0.4 | 14.1 | 9.0 | 409 | 2.94 | 10.2 | 1.1 | 1.1 | 40 | 0.3 | 1.0 | <0.1 | 62 | 0.39 | 0.045 | 7 |
| 13MRS058 | Soil | 1.1 | 17.3 | 7.6 | 50 | 0.1 | 8.0 | 6.0 | 223 | 3.02 | 7.5 | 0.5 | 0.7 | 22 | <0.1 | 0.9 | 0.1 | 81 | 0.19 | 0.041 | 5 |
| 13MRS059 | Soil | 0.8 | 62.2 | 8.7 | 55 | 0.3 | 17.7 | 7.9 | 527 | 3.08 | 13.0 | 2.7 | 1.7 | 43 | 0.1 | 1.1 | 0.1 | 62 | 0.47 | 0.048 | 18 |
| 13MRS060 | Soil | 1.1 | 24.8 | 7.2 | 47 | 0.1 | 13.6 | 7.2 | 254 | 2.71 | 11.6 | 2.2 | 1.1 | 31 | 0.1 | 1.0 | <0.1 | 64 | 0.33 | 0.046 | 7 |

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www.acmelab.com

Acme Analytical Laboratories (Vancouver) Ltd.

9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA

PHONE (604) 253-3158

Client: **Altiplano Minerals Ltd.**

220-9797 45 Ave

Edmonton AB T6E 5V8 CANADA

Project: GD Property

Report Date: June 26, 2013

Page: 3 of 8

Part: 2 of 1

CERTIFICATE OF ANALYSIS

SMI13000041.1

| Method Analyte | 1DX15 | | 1DX15 | | 1DX15 | | 1DX15 | | 1DX15 | | 1DX15 | | 1DX15 | | 1DX15 | | 1DX15 | | 1DX15 | | 1DX15 | |
|----------------|-------|------|-------|-------|-------|------|-------|-------|-------|------|-------|------|-------|-------|-------|------|-------|------|-------|------|-------|--|
| | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te | Mo | Cu | Pb | Zn | | |
| Unit | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | | |
| MDL | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 1 | | |
| 13MRS031 | Soil | 27 | 0.47 | 181 | 0.049 | 2 | 2.17 | 0.013 | 0.07 | 0.2 | 0.06 | 6.4 | 0.1 | <0.05 | 6 | 0.7 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13MRS032 | Soil | 19 | 0.44 | 206 | 0.045 | 5 | 1.25 | 0.023 | 0.04 | 0.1 | 0.07 | 7.6 | <0.1 | <0.05 | 4 | 0.7 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13MRS033 | Soil | 17 | 0.25 | 116 | 0.036 | 2 | 1.42 | 0.008 | 0.04 | <0.1 | 0.03 | 3.1 | <0.1 | <0.05 | 5 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13MRS034 | Soil | 20 | 0.40 | 357 | 0.049 | 2 | 1.84 | 0.016 | 0.05 | 0.2 | 0.05 | 5.2 | 0.1 | <0.05 | 6 | 1.0 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13MRS035 | Soil | 20 | 0.40 | 103 | 0.047 | 1 | 1.45 | 0.012 | 0.03 | 0.1 | 0.04 | 4.1 | <0.1 | <0.05 | 5 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13MRS036 | Soil | 26 | 0.53 | 384 | 0.036 | 1 | 1.62 | 0.017 | 0.05 | <0.1 | 0.05 | 6.5 | <0.1 | <0.05 | 5 | 0.6 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13MRS037 | Soil | 18 | 0.43 | 150 | 0.051 | 1 | 1.05 | 0.015 | 0.05 | <0.1 | 0.04 | 5.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13MRS038 | Soil | 14 | 0.14 | 121 | 0.030 | <1 | 0.87 | 0.007 | 0.04 | <0.1 | 0.03 | 2.0 | <0.1 | <0.05 | 5 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13MRS039 | Soil | 17 | 0.38 | 208 | 0.032 | <1 | 1.36 | 0.011 | 0.04 | <0.1 | 0.03 | 4.0 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13MRS040 | Soil | 20 | 0.38 | 410 | 0.015 | <1 | 1.66 | 0.013 | 0.05 | <0.1 | 0.07 | 5.2 | <0.1 | <0.05 | 5 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13MRS041 | Soil | 24 | 0.91 | 524 | 0.128 | 1 | 1.98 | 0.091 | 0.06 | 0.1 | 0.10 | 6.7 | <0.1 | 0.07 | 7 | 1.0 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13MRS042 | Soil | 17 | 0.11 | 81 | 0.039 | <1 | 0.86 | 0.008 | 0.05 | <0.1 | 0.02 | 2.1 | <0.1 | <0.05 | 6 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13MRS043 | Soil | 20 | 0.34 | 137 | 0.024 | <1 | 1.45 | 0.009 | 0.05 | <0.1 | 0.03 | 2.7 | <0.1 | <0.05 | 7 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13MRS044 | Soil | 29 | 0.53 | 631 | 0.013 | 1 | 2.94 | 0.018 | 0.08 | <0.1 | 0.10 | 11.3 | 0.1 | <0.05 | 6 | 0.6 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13MRS045 | Soil | 22 | 0.49 | 368 | 0.044 | 1 | 1.62 | 0.017 | 0.04 | <0.1 | 0.06 | 6.1 | <0.1 | <0.05 | 5 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13MRS046 | Soil | 16 | 0.12 | 66 | 0.046 | <1 | 0.60 | 0.009 | 0.05 | <0.1 | 0.02 | 2.3 | <0.1 | <0.05 | 5 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13MRS047 | Soil | 18 | 0.25 | 92 | 0.036 | <1 | 1.55 | 0.008 | 0.03 | 0.1 | 0.02 | 3.1 | <0.1 | <0.05 | 6 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13MRS048 | Soil | 18 | 0.24 | 108 | 0.028 | <1 | 1.77 | 0.008 | 0.04 | 0.1 | 0.02 | 3.1 | 0.1 | <0.05 | 7 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13MRS049 | Soil | 9 | 0.04 | 58 | 0.031 | <1 | 0.45 | 0.009 | 0.03 | <0.1 | 0.01 | 1.0 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13MRS050 | Soil | 31 | 0.53 | 698 | 0.005 | <1 | 4.09 | 0.014 | 0.09 | <0.1 | 0.14 | 10.3 | 0.1 | <0.05 | 10 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13MRS051 | Soil | 16 | 0.41 | 139 | 0.039 | <1 | 1.21 | 0.011 | 0.04 | <0.1 | 0.02 | 3.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13MRS052 | Soil | 40 | 0.90 | 478 | 0.009 | <1 | 4.14 | 0.017 | 0.13 | <0.1 | 0.07 | 11.2 | 0.2 | <0.05 | 10 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13MRS053 | Soil | 16 | 0.39 | 136 | 0.031 | <1 | 1.21 | 0.010 | 0.04 | <0.1 | 0.03 | 3.3 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13MRS054 | Soil | 14 | 0.17 | 122 | 0.045 | <1 | 0.80 | 0.010 | 0.05 | <0.1 | 0.02 | 2.3 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13MRS055 | Soil | 20 | 0.43 | 221 | 0.036 | 2 | 1.54 | 0.009 | 0.12 | 0.1 | 0.04 | 4.2 | <0.1 | <0.05 | 6 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13MRS056 | Soil | 36 | 0.69 | 688 | 0.012 | <1 | 4.27 | 0.019 | 0.11 | <0.1 | 0.11 | 17.4 | 0.2 | <0.05 | 9 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13MRS057 | Soil | 18 | 0.40 | 250 | 0.031 | <1 | 1.62 | 0.016 | 0.04 | <0.1 | 0.04 | 5.1 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13MRS058 | Soil | 16 | 0.26 | 110 | 0.056 | <1 | 0.98 | 0.010 | 0.04 | <0.1 | 0.02 | 3.2 | <0.1 | <0.05 | 5 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13MRS059 | Soil | 20 | 0.41 | 256 | 0.043 | 1 | 1.60 | 0.020 | 0.04 | <0.1 | 0.14 | 11.8 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13MRS060 | Soil | 17 | 0.37 | 253 | 0.050 | <1 | 1.35 | 0.015 | 0.04 | <0.1 | 0.03 | 4.4 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |

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www.acmelab.com

Acme Analytical Laboratories (Vancouver) Ltd.
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
 PHONE (604) 253-3158

Client: **Altiplano Minerals Ltd.**
 220-9797 45 Ave
 Edmonton AB T6E 5V8 CANADA

Project: GD Property
 Report Date: June 26, 2013

Page: 3 of 8

Part: 3 of 1

CERTIFICATE OF ANALYSIS

SMI13000041.1

| Method | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX |
|----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|-------|
| Analyte | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | Cr | Mg | Ba | Ti |
| Unit | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | ppm | % | ppm | % |
| MDL | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 |
| 13MRS031 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS032 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS033 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS034 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS035 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS036 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS037 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS038 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS039 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS040 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS041 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS042 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS043 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS044 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS045 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS046 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS047 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS048 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS049 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS050 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS051 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS052 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS053 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS054 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS055 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS056 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS057 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS058 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS059 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS060 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |

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



www.acmelab.com

Acme Analytical Laboratories (Vancouver) Ltd.
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
 PHONE (604) 253-3158

Client: **Altiplano Minerals Ltd.**
 220-9797 45 Ave
 Edmonton AB T6E 5V8 CANADA

Project: GD Property
 Report Date: June 26, 2013

Page: 3 of 8

Part: 4 of 1

CERTIFICATE OF ANALYSIS

SMI13000041.1

| Method | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX |
|----------|------|------|-------|------|------|------|------|------|------|------|------|------|
| Analyte | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm |
| MDL | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
| 13MRS031 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS032 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS033 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS034 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS035 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS036 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS037 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS038 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS039 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS040 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS041 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS042 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS043 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS044 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS045 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS046 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS047 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS048 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS049 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS050 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS051 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS052 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS053 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS054 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS055 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS056 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS057 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS058 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS059 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS060 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |

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

CERTIFICATE OF ANALYSIS

SMI13000041.1

| Method | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|----------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Analyte | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | |
| Unit | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | |
| MDL | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | |
| 13MRS061 | Soil | 0.7 | 19.9 | 9.2 | 79 | 0.3 | 11.9 | 7.9 | 402 | 2.85 | 8.7 | 1.7 | 1.1 | 30 | 0.2 | 0.9 | <0.1 | 68 | 0.39 | 0.032 | 6 |
| 13MRS062 | Soil | 22.7 | 201.4 | 12.9 | 15 | 1.0 | 40.2 | 30.3 | >10000 | 1.27 | 13.4 | 3.0 | 0.1 | 222 | 3.5 | 1.8 | 0.1 | 33 | 4.00 | 0.132 | 25 |
| 13MRS063 | Soil | 0.8 | 12.7 | 9.1 | 57 | 0.2 | 9.2 | 7.6 | 647 | 2.61 | 8.0 | <0.5 | 0.5 | 20 | 0.1 | 0.9 | <0.1 | 66 | 0.18 | 0.071 | 5 |
| 13MRS064 | Soil | 0.7 | 8.4 | 8.2 | 63 | 0.1 | 4.5 | 3.9 | 522 | 2.25 | 4.9 | 0.7 | 0.6 | 14 | 0.2 | 0.7 | <0.1 | 61 | 0.13 | 0.100 | 5 |
| 13MRS065 | Soil | 0.9 | 13.3 | 9.4 | 65 | <0.1 | 8.8 | 5.9 | 646 | 2.94 | 10.8 | 1.6 | 0.7 | 14 | <0.1 | 0.9 | <0.1 | 72 | 0.11 | 0.091 | 5 |
| 13MRS066 | Soil | 1.1 | 63.6 | 6.9 | 58 | 0.6 | 16.9 | 9.1 | 890 | 2.36 | 6.9 | 1.8 | 0.2 | 131 | 0.9 | 0.9 | <0.1 | 54 | 2.03 | 0.075 | 13 |
| 13MRS067 | Soil | 0.7 | 23.8 | 7.0 | 53 | 0.2 | 15.1 | 7.7 | 282 | 2.58 | 19.8 | 77.4 | 1.0 | 20 | <0.1 | 0.8 | <0.1 | 61 | 0.20 | 0.028 | 6 |
| 13MRS068 | Soil | 0.9 | 7.5 | 10.1 | 82 | 0.1 | 8.1 | 7.5 | 493 | 2.66 | 6.6 | 0.6 | 0.8 | 22 | 0.2 | 0.7 | <0.1 | 65 | 0.18 | 0.114 | 6 |
| 13MRS069 | Soil | 1.6 | 18.3 | 10.2 | 65 | 0.2 | 10.3 | 8.8 | 779 | 2.92 | 9.9 | 2.1 | 0.8 | 17 | 0.2 | 0.9 | <0.1 | 70 | 0.19 | 0.026 | 5 |
| 13MRS070 | Soil | 1.6 | 15.4 | 11.0 | 60 | 0.2 | 11.1 | 8.5 | 303 | 3.38 | 11.9 | 56.9 | 0.9 | 19 | 0.2 | 1.1 | 0.1 | 92 | 0.16 | 0.038 | 5 |
| 13MRS071 | Soil | 1.0 | 26.8 | 10.0 | 68 | <0.1 | 22.6 | 10.5 | 363 | 3.57 | 19.6 | 0.8 | 1.0 | 17 | 0.2 | 1.2 | <0.1 | 80 | 0.17 | 0.087 | 5 |
| 13MRS072 | Soil | 1.0 | 41.4 | 9.6 | 60 | 0.1 | 11.4 | 7.4 | 379 | 2.82 | 9.9 | 2.1 | 0.7 | 18 | <0.1 | 1.0 | <0.1 | 71 | 0.18 | 0.048 | 5 |
| 13MRS073 | Soil | 1.3 | 10.7 | 8.2 | 57 | <0.1 | 12.0 | 7.6 | 843 | 3.11 | 8.0 | 4.5 | 1.2 | 34 | <0.1 | 0.9 | 0.3 | 73 | 0.53 | 0.032 | 7 |
| 13MRS074 | Soil | 1.0 | 14.4 | 8.9 | 86 | 0.1 | 12.3 | 7.9 | 270 | 3.19 | 11.3 | 5.1 | 1.2 | 17 | 0.2 | 0.9 | 0.2 | 72 | 0.16 | 0.095 | 6 |
| 13MRS075 | Soil | 0.9 | 18.1 | 9.1 | 71 | 0.1 | 13.4 | 9.1 | 430 | 3.25 | 12.2 | 1.9 | 1.1 | 16 | <0.1 | 1.1 | 0.1 | 71 | 0.15 | 0.093 | 6 |
| 13MRS076 | Soil | 0.9 | 12.4 | 8.0 | 45 | 0.1 | 7.5 | 5.4 | 275 | 2.36 | 6.3 | 2.5 | 1.0 | 19 | <0.1 | 0.7 | <0.1 | 59 | 0.15 | 0.069 | 7 |
| 13MRS077 | Soil | 1.0 | 18.6 | 9.2 | 74 | 0.1 | 14.0 | 9.0 | 342 | 3.34 | 12.1 | 0.8 | 1.2 | 18 | 0.2 | 0.9 | <0.1 | 71 | 0.17 | 0.138 | 6 |
| 13MRS078 | Soil | 1.2 | 36.4 | 10.1 | 54 | 0.6 | 19.2 | 14.0 | 831 | 3.16 | 9.8 | 1.7 | 0.6 | 87 | 0.4 | 0.7 | 0.2 | 61 | 2.27 | 0.178 | 14 |
| 13MRS079 | Soil | 0.5 | 12.7 | 8.4 | 58 | 0.2 | 11.5 | 7.6 | 1334 | 2.31 | 5.8 | <0.5 | 0.6 | 42 | 0.3 | 0.4 | 0.1 | 53 | 1.07 | 0.040 | 7 |
| 13MRS080 | Soil | 1.0 | 12.1 | 10.0 | 168 | 0.2 | 11.1 | 11.1 | 623 | 3.00 | 6.3 | 1.2 | 1.1 | 15 | 0.4 | 0.8 | <0.1 | 65 | 0.15 | 0.145 | 6 |
| 13MRS081 | Soil | 0.9 | 15.3 | 11.3 | 109 | 0.1 | 13.2 | 9.1 | 464 | 3.42 | 11.1 | 1.1 | 0.9 | 19 | 0.3 | 1.1 | <0.1 | 77 | 0.20 | 0.085 | 6 |
| 13MRS082 | Soil | 1.1 | 12.1 | 14.3 | 165 | 0.1 | 8.6 | 7.9 | 297 | 3.67 | 20.6 | 1.2 | 1.0 | 19 | 0.5 | 1.2 | 0.2 | 88 | 0.20 | 0.103 | 7 |
| 13MRS083 | Soil | 0.8 | 26.5 | 7.1 | 67 | 0.2 | 14.6 | 8.0 | 387 | 3.04 | 9.1 | 2.4 | 0.9 | 28 | 0.2 | 0.9 | <0.1 | 73 | 0.27 | 0.042 | 7 |
| 13MRS084 | Soil | 1.4 | 12.7 | 8.7 | 61 | 0.1 | 10.0 | 8.1 | 1064 | 2.73 | 7.9 | 1.5 | 0.6 | 18 | 0.2 | 0.9 | <0.1 | 64 | 0.16 | 0.062 | 6 |
| 13MRS085 | Soil | 0.9 | 20.1 | 8.1 | 68 | 0.2 | 15.4 | 8.0 | 454 | 2.98 | 11.6 | 1.2 | 0.9 | 21 | 0.1 | 1.0 | 0.2 | 68 | 0.26 | 0.065 | 6 |
| 13MRS086 | Soil | 0.7 | 22.2 | 62.0 | 143 | 0.2 | 18.8 | 9.8 | 434 | 3.53 | 13.8 | 13.8 | 1.6 | 23 | 1.0 | 2.3 | 0.1 | 68 | 0.38 | 0.108 | 8 |
| 13MRS087 | Soil | 0.9 | 36.8 | 11.4 | 67 | <0.1 | 18.0 | 10.7 | 607 | 3.76 | 16.6 | 2.0 | 1.5 | 28 | 0.1 | 1.6 | 0.1 | 84 | 0.38 | 0.086 | 10 |
| 13MRS088 | Soil | 0.9 | 15.1 | 10.0 | 92 | 0.2 | 11.8 | 9.1 | 583 | 3.09 | 7.5 | 1.5 | 0.9 | 19 | 0.1 | 0.8 | 0.1 | 66 | 0.22 | 0.096 | 7 |
| 13MRS089 | Soil | 0.8 | 35.8 | 11.2 | 63 | 0.2 | 17.6 | 8.9 | 459 | 3.28 | 12.0 | 1.4 | 1.2 | 35 | <0.1 | 1.0 | <0.1 | 69 | 0.41 | 0.070 | 11 |
| 13MRS090 | Soil | 0.8 | 11.1 | 9.8 | 68 | 0.2 | 9.1 | 6.2 | 224 | 2.76 | 8.2 | 0.6 | 1.1 | 21 | 0.2 | 0.7 | <0.1 | 61 | 0.18 | 0.130 | 7 |

CERTIFICATE OF ANALYSIS

SMI13000041.1

| Method Analyte | Unit | MDL | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX | 1DX | 1DX | 1DX | |
|----------------|------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|
| | | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te | Mo | Cu | Pb | Zn |
| | | | ppm | % | ppm | % | ppm | % | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | |
| | | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | 0.1 | 0.1 | 0.1 | 1 | |
| 13MRS061 | Soil | | 18 | 0.38 | 258 | 0.042 | <1 | 1.41 | 0.013 | 0.04 | <0.1 | 0.05 | 4.3 | <0.1 | <0.05 | 5 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS062 | Soil | | 14 | 0.24 | 2098 | 0.007 | 6 | 0.75 | 0.018 | 0.02 | <0.1 | 0.24 | 2.0 | 0.5 | 0.16 | 2 | 3.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS063 | Soil | | 14 | 0.25 | 151 | 0.042 | <1 | 1.03 | 0.008 | 0.04 | <0.1 | 0.03 | 2.4 | <0.1 | <0.05 | 5 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS064 | Soil | | 12 | 0.13 | 91 | 0.041 | <1 | 0.79 | 0.008 | 0.04 | <0.1 | 0.02 | 2.0 | <0.1 | <0.05 | 5 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS065 | Soil | | 14 | 0.20 | 95 | 0.034 | <1 | 1.11 | 0.008 | 0.03 | <0.1 | 0.03 | 2.7 | <0.1 | <0.05 | 5 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS066 | Soil | | 21 | 0.37 | 483 | 0.025 | 4 | 1.07 | 0.015 | 0.05 | <0.1 | 0.08 | 3.8 | <0.1 | 0.07 | 3 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS067 | Soil | | 16 | 0.38 | 237 | 0.055 | 1 | 1.40 | 0.011 | 0.05 | <0.1 | 0.03 | 3.4 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS068 | Soil | | 15 | 0.18 | 216 | 0.029 | <1 | 1.22 | 0.009 | 0.04 | <0.1 | 0.03 | 2.3 | <0.1 | <0.05 | 5 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS069 | Soil | | 15 | 0.33 | 139 | 0.047 | 1 | 1.11 | 0.009 | 0.06 | 0.1 | 0.02 | 2.8 | <0.1 | <0.05 | 5 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS070 | Soil | | 18 | 0.34 | 168 | 0.045 | 1 | 1.37 | 0.009 | 0.05 | <0.1 | 0.03 | 3.4 | <0.1 | <0.05 | 6 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS071 | Soil | | 19 | 0.42 | 157 | 0.053 | <1 | 1.74 | 0.011 | 0.04 | 0.1 | 0.04 | 4.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS072 | Soil | | 15 | 0.28 | 122 | 0.039 | <1 | 1.12 | 0.009 | 0.04 | 0.1 | 0.03 | 3.0 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS073 | Soil | | 19 | 0.42 | 231 | 0.074 | 3 | 1.14 | 0.020 | 0.04 | 0.1 | 0.03 | 5.1 | 0.2 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS074 | Soil | | 18 | 0.25 | 115 | 0.053 | 2 | 1.71 | 0.014 | 0.04 | <0.1 | 0.04 | 3.7 | <0.1 | <0.05 | 5 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS075 | Soil | | 18 | 0.29 | 125 | 0.053 | 2 | 1.49 | 0.010 | 0.04 | <0.1 | 0.04 | 3.8 | <0.1 | <0.05 | 5 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS076 | Soil | | 14 | 0.16 | 110 | 0.046 | 1 | 1.10 | 0.008 | 0.03 | <0.1 | 0.03 | 2.6 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS077 | Soil | | 18 | 0.26 | 147 | 0.048 | 2 | 1.63 | 0.009 | 0.04 | <0.1 | 0.03 | 3.4 | <0.1 | <0.05 | 5 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS078 | Soil | | 24 | 0.37 | 805 | 0.010 | 2 | 2.35 | 0.013 | 0.03 | <0.1 | 0.23 | 4.9 | <0.1 | 0.14 | 4 | 2.6 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS079 | Soil | | 17 | 0.32 | 477 | 0.028 | 3 | 1.56 | 0.015 | 0.05 | <0.1 | 0.05 | 4.0 | <0.1 | <0.05 | 5 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS080 | Soil | | 17 | 0.24 | 171 | 0.048 | 2 | 1.59 | 0.009 | 0.06 | <0.1 | 0.04 | 3.1 | <0.1 | <0.05 | 5 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS081 | Soil | | 19 | 0.36 | 239 | 0.043 | 1 | 1.51 | 0.009 | 0.04 | <0.1 | 0.03 | 3.4 | <0.1 | <0.05 | 6 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS082 | Soil | | 20 | 0.28 | 142 | 0.046 | 2 | 1.36 | 0.008 | 0.06 | 0.1 | 0.03 | 3.4 | <0.1 | <0.05 | 7 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS083 | Soil | | 22 | 0.51 | 159 | 0.068 | 2 | 1.51 | 0.014 | 0.05 | 0.1 | 0.05 | 4.6 | <0.1 | <0.05 | 5 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS084 | Soil | | 15 | 0.24 | 129 | 0.054 | 2 | 1.07 | 0.009 | 0.04 | <0.1 | 0.04 | 2.9 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS085 | Soil | | 16 | 0.33 | 149 | 0.063 | 2 | 1.43 | 0.011 | 0.04 | <0.1 | 0.03 | 3.5 | 0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS086 | Soil | | 19 | 0.29 | 173 | 0.053 | 3 | 1.98 | 0.011 | 0.04 | 0.1 | 0.05 | 5.6 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS087 | Soil | | 22 | 0.45 | 142 | 0.078 | 3 | 1.35 | 0.014 | 0.07 | <0.1 | 0.06 | 6.8 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS088 | Soil | | 18 | 0.23 | 160 | 0.052 | 2 | 1.48 | 0.010 | 0.04 | 0.1 | 0.03 | 3.4 | <0.1 | <0.05 | 6 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS089 | Soil | | 20 | 0.37 | 230 | 0.044 | 2 | 1.92 | 0.014 | 0.05 | <0.1 | 0.05 | 5.6 | <0.1 | <0.05 | 5 | 0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS090 | Soil | | 15 | 0.19 | 116 | 0.048 | <1 | 1.40 | 0.011 | 0.03 | 0.1 | 0.04 | 3.0 | <0.1 | <0.05 | 5 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |



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Acme Analytical Laboratories (Vancouver) Ltd.
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
 PHONE (604) 253-3158

Client: **Altiplano Minerals Ltd.**
 220-9797 45 Ave
 Edmonton AB T6E 5V8 CANADA

Project: GD Property
 Report Date: June 26, 2013

Page: 4 of 8

Part: 3 of 1

CERTIFICATE OF ANALYSIS

SMI13000041.1

| Method | Analyte | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | | |
|----------|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|-------|
| | | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | Cr | Mg | Ba | Ti | |
| Unit | | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | ppm | % | ppm | % | |
| MDL | | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 |
| 13MRS061 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS062 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS063 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS064 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS065 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS066 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS067 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS068 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS069 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS070 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS071 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS072 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS073 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS074 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS075 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS076 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS077 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS078 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS079 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS080 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS081 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS082 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS083 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS084 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS085 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS086 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS087 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS088 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS089 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS090 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |

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



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Acme Analytical Laboratories (Vancouver) Ltd.
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
 PHONE (604) 253-3158

Client: **Altiplano Minerals Ltd.**
 220-9797 45 Ave
 Edmonton AB T6E 5V8 CANADA

Project: GD Property
 Report Date: June 26, 2013

Page: 4 of 8

Part: 4 of 1

CERTIFICATE OF ANALYSIS

SMI1300041.1

| Method | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX |
|----------|------|------|-------|------|------|------|------|------|------|------|------|------|
| Analyte | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm |
| MDL | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
| 13MRS061 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS062 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS063 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS064 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS065 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS066 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS067 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS068 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS069 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS070 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS071 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS072 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS073 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS074 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS075 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS076 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS077 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS078 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS079 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS080 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS081 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS082 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS083 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS084 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS085 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS086 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS087 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS088 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS089 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS090 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |

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Acme Analytical Laboratories (Vancouver) Ltd.
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
 PHONE (604) 253-3158

Client: **Altiplano Minerals Ltd.**
 220-9797 45 Ave
 Edmonton AB T6E 5V8 CANADA

Project: GD Property
 Report Date: June 26, 2013

Page: 5 of 8

Part: 1 of 1

CERTIFICATE OF ANALYSIS

SMI13000041.1

| Method Analyte | Unit | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|----------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| MDL | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | % | % | ppm | |
| | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | |
| 13MRS091 | Soil | 0.8 | 19.9 | 10.1 | 66 | 0.2 | 14.6 | 9.9 | 531 | 3.31 | 14.1 | 1.1 | 1.2 | 27 | 0.2 | 1.2 | <0.1 | 74 | 0.24 | 0.158 | 7 |
| 13MRS092 | Soil | 0.4 | 15.5 | 9.1 | 54 | 0.2 | 11.8 | 7.5 | 295 | 2.18 | 4.6 | 1.9 | 1.1 | 33 | 0.1 | 0.4 | <0.1 | 52 | 0.53 | 0.038 | 8 |
| 13MRS093 | Soil | 0.9 | 16.9 | 8.6 | 50 | <0.1 | 14.5 | 10.1 | 220 | 3.04 | 9.7 | 2.5 | 1.3 | 24 | <0.1 | 0.9 | <0.1 | 73 | 0.24 | 0.038 | 8 |
| 13MRS094 | Soil | 1.0 | 21.9 | 8.5 | 67 | <0.1 | 15.2 | 9.5 | 340 | 3.08 | 12.8 | 1.7 | 1.0 | 24 | <0.1 | 1.1 | <0.1 | 66 | 0.20 | 0.134 | 6 |
| 13MRS095 | Soil | 1.1 | 28.1 | 9.2 | 69 | 0.1 | 12.4 | 7.9 | 477 | 2.92 | 10.6 | 2.1 | 1.0 | 24 | 0.2 | 1.0 | <0.1 | 64 | 0.23 | 0.110 | 7 |
| 13PSS001 | Soil | 0.9 | 6.7 | 7.7 | 58 | <0.1 | 6.3 | 5.1 | 233 | 2.59 | 7.5 | <0.5 | 0.8 | 16 | 0.2 | 0.7 | <0.1 | 62 | 0.17 | 0.161 | 5 |
| 13PSS002 | Soil | 0.9 | 17.0 | 9.9 | 54 | <0.1 | 12.0 | 6.9 | 228 | 3.24 | 12.4 | 1.5 | 1.2 | 16 | <0.1 | 1.1 | 0.1 | 69 | 0.14 | 0.140 | 6 |
| 13PSS003 | Soil | 0.5 | 8.3 | 6.8 | 24 | <0.1 | 3.2 | 2.0 | 115 | 1.88 | 3.1 | 1.7 | 0.7 | 11 | <0.1 | 0.6 | <0.1 | 51 | 0.08 | 0.035 | 5 |
| 13PSS004 | Soil | 0.7 | 23.2 | 8.6 | 83 | 0.1 | 7.5 | 5.4 | 1559 | 2.59 | 7.3 | 0.8 | 0.6 | 19 | 0.3 | 0.8 | <0.1 | 60 | 0.18 | 0.120 | 5 |
| 13PSS005 | Soil | 0.8 | 9.0 | 9.4 | 38 | <0.1 | 4.8 | 3.8 | 668 | 2.54 | 5.6 | 1.4 | 0.8 | 14 | <0.1 | 0.7 | <0.1 | 65 | 0.10 | 0.078 | 5 |
| 13PSS006 | Soil | 0.6 | 12.6 | 8.3 | 78 | 0.1 | 6.1 | 4.7 | 323 | 2.03 | 5.8 | 1.2 | 0.5 | 33 | 0.1 | 0.6 | <0.1 | 53 | 0.27 | 0.045 | 6 |
| 13PSS007 | Soil | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| 13PSS008 | Soil | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| 13PSS009 | Soil | 1.2 | 31.9 | 11.3 | 77 | 0.1 | 12.5 | 9.1 | 564 | 3.37 | 10.8 | 3.2 | 0.8 | 23 | 0.3 | 0.9 | 0.1 | 86 | 0.22 | 0.075 | 5 |
| 13PSS010 | Soil | 0.8 | 20.5 | 7.8 | 46 | 0.1 | 11.0 | 6.9 | 179 | 2.64 | 8.5 | 1.6 | 0.5 | 53 | 0.3 | 0.8 | <0.1 | 63 | 0.72 | 0.036 | 6 |
| 13PSS011 | Soil | 0.9 | 32.3 | 10.9 | 44 | 0.4 | 10.3 | 6.6 | 708 | 2.79 | 8.2 | 4.8 | 0.4 | 61 | 0.3 | 1.0 | 0.1 | 62 | 1.10 | 0.097 | 7 |
| 13PSS012 | Soil | 0.7 | 12.0 | 8.0 | 43 | <0.1 | 5.7 | 4.1 | 239 | 2.00 | 3.8 | 3.7 | 0.8 | 26 | <0.1 | 0.5 | <0.1 | 57 | 0.33 | 0.023 | 6 |
| 13PSS013 | Soil | 1.1 | 46.4 | 10.5 | 54 | <0.1 | 7.0 | 5.0 | 426 | 3.02 | 10.2 | 1.2 | 1.0 | 14 | 0.1 | 1.0 | <0.1 | 79 | 0.11 | 0.060 | 6 |
| 13PSS014 | Soil | 0.9 | 28.7 | 7.5 | 46 | 0.1 | 11.5 | 6.7 | 418 | 2.68 | 9.8 | 2.2 | 0.8 | 39 | 0.2 | 0.9 | <0.1 | 54 | 0.54 | 0.065 | 9 |
| 13PSS015 | Soil | 0.9 | 24.2 | 8.8 | 63 | 0.3 | 8.9 | 4.8 | 193 | 2.32 | 7.0 | 1.2 | 0.3 | 63 | 0.3 | 0.7 | <0.1 | 55 | 1.22 | 0.058 | 7 |
| 13PSS016 | Soil | 0.8 | 22.6 | 7.4 | 39 | 0.1 | 10.2 | 6.7 | 265 | 2.73 | 8.7 | 4.6 | 0.9 | 34 | 0.1 | 0.9 | 0.4 | 59 | 0.47 | 0.022 | 8 |
| 13PSS017 | Soil | 0.9 | 13.4 | 8.7 | 51 | <0.1 | 11.9 | 7.1 | 204 | 3.25 | 13.8 | 0.6 | 1.1 | 13 | <0.1 | 1.0 | 0.2 | 67 | 0.13 | 0.128 | 5 |
| 13PSS018 | Soil | 0.9 | 16.8 | 8.3 | 56 | <0.1 | 9.3 | 5.7 | 202 | 3.15 | 11.0 | 1.3 | 0.8 | 13 | 0.1 | 0.9 | 0.2 | 71 | 0.12 | 0.068 | 5 |
| 13PSS019 | Soil | 0.7 | 7.5 | 6.8 | 32 | <0.1 | 3.6 | 2.8 | 201 | 1.98 | 3.0 | 2.3 | 0.5 | 12 | <0.1 | 0.7 | 0.1 | 52 | 0.11 | 0.037 | 5 |
| 13PSS020 | Soil | 0.9 | 25.2 | 8.0 | 56 | 0.3 | 10.4 | 6.2 | 545 | 2.39 | 7.8 | 1.1 | 1.0 | 44 | 0.1 | 0.5 | 0.1 | 49 | 0.50 | 0.044 | 9 |
| 13PSS021 | Soil | 0.7 | 12.6 | 8.6 | 43 | <0.1 | 6.5 | 5.0 | 242 | 2.51 | 8.5 | 1.4 | 0.9 | 13 | <0.1 | 0.8 | 0.1 | 57 | 0.11 | 0.132 | 5 |
| 13PSS022 | Soil | 0.6 | 6.2 | 4.6 | 15 | <0.1 | 1.8 | 1.6 | 106 | 1.51 | 1.6 | 5.1 | 0.4 | 11 | <0.1 | 0.4 | 0.4 | 42 | 0.06 | 0.016 | 5 |
| 13PSS023 | Soil | 1.3 | 12.1 | 9.6 | 44 | 0.1 | 6.8 | 4.4 | 139 | 2.92 | 11.9 | 2.9 | 0.9 | 15 | <0.1 | 0.9 | 0.3 | 75 | 0.10 | 0.066 | 5 |
| 13PSS024 | Soil | 0.8 | 10.4 | 8.4 | 49 | 0.2 | 5.9 | 3.8 | 145 | 2.85 | 9.6 | 3.4 | 0.5 | 11 | <0.1 | 0.9 | 0.2 | 62 | 0.08 | 0.081 | 5 |
| 13PSS025 | Soil | 0.9 | 24.6 | 9.7 | 60 | <0.1 | 14.3 | 9.2 | 611 | 3.10 | 12.6 | 0.8 | 1.2 | 28 | 0.1 | 1.2 | 0.1 | 62 | 0.33 | 0.068 | 8 |

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www.acmelab.com

Acme Analytical Laboratories (Vancouver) Ltd.
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
 PHONE (604) 253-3158

Client: **Altiplano Minerals Ltd.**
 220-9797 45 Ave
 Edmonton AB T6E 5V8 CANADA

Project: GD Property
 Report Date: June 26, 2013

Page: 5 of 8

Part: 2 of 1

CERTIFICATE OF ANALYSIS

SMI13000041.1

| Method Analyte Unit MDL | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX | 1DX | 1DX | 1DX | |
|-------------------------|--------|-------|--------|-------|-------|-------|-------|-------|-------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|------|
| | Cr ppm | Mg % | Ba ppm | Ti % | B ppm | Al % | Na % | K % | W ppm | Hg ppm | Sc ppm | Tl ppm | S % | Ga ppm | Se ppm | Te ppm | Mo ppm | Cu ppm | Pb ppm | Zn ppm | |
| 13MRS091 | Soil | 19 | 0.31 | 149 | 0.058 | 1 | 1.59 | 0.011 | 0.05 | <0.1 | 0.03 | 3.8 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS092 | Soil | 15 | 0.35 | 250 | 0.049 | 2 | 1.36 | 0.015 | 0.03 | <0.1 | 0.03 | 4.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS093 | Soil | 17 | 0.34 | 185 | 0.053 | 2 | 1.62 | 0.013 | 0.02 | <0.1 | 0.02 | 4.1 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS094 | Soil | 18 | 0.29 | 101 | 0.053 | 1 | 1.56 | 0.009 | 0.04 | 0.1 | 0.03 | 3.3 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13MRS095 | Soil | 16 | 0.28 | 112 | 0.052 | 2 | 1.43 | 0.009 | 0.04 | <0.1 | 0.04 | 3.4 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS001 | Soil | 13 | 0.14 | 78 | 0.047 | 1 | 0.95 | 0.008 | 0.04 | 0.2 | 0.02 | 2.3 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS002 | Soil | 17 | 0.25 | 75 | 0.047 | 2 | 1.39 | 0.009 | 0.04 | 0.1 | 0.03 | 3.4 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS003 | Soil | 9 | 0.07 | 56 | 0.051 | 1 | 0.55 | 0.008 | 0.02 | <0.1 | 0.02 | 1.5 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS004 | Soil | 14 | 0.14 | 158 | 0.043 | <1 | 1.06 | 0.010 | 0.05 | 0.1 | 0.04 | 2.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS005 | Soil | 13 | 0.11 | 111 | 0.038 | <1 | 0.91 | 0.008 | 0.02 | <0.1 | 0.03 | 2.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS006 | Soil | 11 | 0.14 | 244 | 0.028 | 1 | 1.20 | 0.012 | 0.03 | <0.1 | 0.04 | 2.6 | <0.1 | <0.05 | 5 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS007 | Soil | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| 13PSS008 | Soil | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | 0.8 | 7.1 | 0.6 | 5 | |
| 13PSS009 | Soil | 26 | 0.39 | 161 | 0.062 | 1 | 1.32 | 0.009 | 0.04 | <0.1 | 0.03 | 2.8 | <0.1 | <0.05 | 6 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS010 | Soil | 15 | 0.27 | 345 | 0.050 | 2 | 1.51 | 0.016 | 0.04 | 0.1 | 0.04 | 4.1 | <0.1 | <0.05 | 5 | 0.6 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS011 | Soil | 17 | 0.41 | 386 | 0.041 | 3 | 1.15 | 0.024 | 0.04 | 0.1 | 0.11 | 4.7 | <0.1 | 0.06 | 4 | 1.3 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS012 | Soil | 11 | 0.17 | 130 | 0.056 | <1 | 0.72 | 0.012 | 0.04 | 0.1 | 0.01 | 2.1 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS013 | Soil | 15 | 0.17 | 84 | 0.052 | <1 | 0.98 | 0.009 | 0.03 | 0.1 | 0.02 | 2.8 | <0.1 | <0.05 | 5 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS014 | Soil | 14 | 0.38 | 161 | 0.057 | 2 | 0.89 | 0.023 | 0.04 | <0.1 | 0.04 | 5.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS015 | Soil | 14 | 0.24 | 295 | 0.025 | 2 | 1.46 | 0.020 | 0.03 | <0.1 | 0.07 | 3.0 | <0.1 | 0.06 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS016 | Soil | 15 | 0.34 | 241 | 0.041 | 2 | 1.25 | 0.016 | 0.04 | <0.1 | 0.02 | 4.1 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS017 | Soil | 16 | 0.29 | 115 | 0.043 | 1 | 1.43 | 0.009 | 0.03 | <0.1 | 0.03 | 3.4 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS018 | Soil | 14 | 0.26 | 110 | 0.045 | 2 | 1.05 | 0.009 | 0.03 | 0.1 | 0.02 | 2.7 | <0.1 | <0.05 | 5 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS019 | Soil | 10 | 0.09 | 74 | 0.043 | 2 | 0.52 | 0.008 | 0.02 | <0.1 | <0.01 | 1.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS020 | Soil | 15 | 0.32 | 277 | 0.043 | 2 | 1.30 | 0.016 | 0.03 | <0.1 | 0.06 | 5.1 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS021 | Soil | 12 | 0.16 | 91 | 0.034 | 1 | 1.11 | 0.008 | 0.03 | <0.1 | 0.02 | 2.4 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS022 | Soil | 8 | 0.06 | 48 | 0.042 | <1 | 0.43 | 0.007 | 0.03 | <0.1 | <0.01 | 1.1 | 0.1 | <0.05 | 3 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS023 | Soil | 14 | 0.16 | 117 | 0.033 | 1 | 1.13 | 0.010 | 0.03 | <0.1 | 0.03 | 2.4 | <0.1 | <0.05 | 5 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS024 | Soil | 13 | 0.16 | 83 | 0.034 | 1 | 1.01 | 0.007 | 0.03 | <0.1 | 0.03 | 2.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS025 | Soil | 17 | 0.39 | 173 | 0.051 | 2 | 1.20 | 0.016 | 0.06 | 0.1 | 0.03 | 4.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |

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

CERTIFICATE OF ANALYSIS

SMI13000041.1

| Method Analyte | Unit | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | | |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|------|------|------|-------|-------|
| | | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | Cr | Mg | Ba | Ti | |
| MDL | | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | ppm | % | ppm | % | |
| | | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 |
| 13MRS091 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS092 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS093 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS094 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13MRS095 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13PSS001 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13PSS002 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13PSS003 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13PSS004 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13PSS005 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13PSS006 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13PSS007 | Soil | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | |
| 13PSS008 | Soil | <0.1 | 2.1 | 0.9 | 310 | 0.66 | 2.7 | 3.7 | <0.1 | 100 | 0.1 | 0.2 | 0.2 | 2 | 1.98 | 0.069 | <1 | 3 | 0.08 | 226 | 0.001 | |
| 13PSS009 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13PSS010 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13PSS011 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13PSS012 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13PSS013 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13PSS014 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13PSS015 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13PSS016 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13PSS017 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13PSS018 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13PSS019 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13PSS020 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13PSS021 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13PSS022 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13PSS023 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13PSS024 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 13PSS025 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |



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Acme Analytical Laboratories (Vancouver) Ltd.
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
 PHONE (604) 253-3158

Client: **Altiplano Minerals Ltd.**
 220-9797 45 Ave
 Edmonton AB T6E 5V8 CANADA

Project: GD Property
 Report Date: June 26, 2013

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CERTIFICATE OF ANALYSIS

SMI13000041.1

| Method | Analyte | 1DX B | 1DX AI | 1DX Na | 1DX K | 1DX W | 1DX Hg | 1DX Sc | 1DX TI | 1DX S | 1DX Ga | 1DX Se | 1DX Te |
|----------|---------|-------|--------|--------|-------|-------|--------|--------|--------|-------|--------|--------|--------|
| Unit | MDL | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm |
| | | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
| 13MRS091 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS092 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS093 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS094 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13MRS095 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS001 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS002 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS003 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS004 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS005 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS006 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS007 | Soil | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| 13PSS008 | Soil | <20 | 0.09 | 0.024 | <0.01 | <0.1 | 0.07 | 0.3 | <0.1 | 0.37 | <1 | <0.5 | <0.2 |
| 13PSS009 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS010 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS011 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS012 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS013 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS014 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS015 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS016 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS017 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS018 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS019 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS020 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS021 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS022 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS023 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS024 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS025 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |



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Acme Analytical Laboratories (Vancouver) Ltd.
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
 PHONE (604) 253-3158

Client: **Altiplano Minerals Ltd.**
 220-9797 45 Ave
 Edmonton AB T6E 5V8 CANADA

Project: GD Property
 Report Date: June 26, 2013

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CERTIFICATE OF ANALYSIS

SMI13000041.1

| Method Analyte Unit MDL | 1DX15 Mo ppm | 1DX15 Cu ppm | 1DX15 Pb ppm | 1DX15 Zn ppm | 1DX15 Ag ppm | 1DX15 Ni ppm | 1DX15 Co ppm | 1DX15 Mn ppm | 1DX15 Fe % | 1DX15 As ppm | 1DX15 Au ppb | 1DX15 Th ppm | 1DX15 Sr ppm | 1DX15 Cd ppm | 1DX15 Sb ppm | 1DX15 Bi ppm | 1DX15 V ppm | 1DX15 Ca % | 1DX15 P % | 1DX15 La ppm | |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|------------|-----------|--------------|---|
| 13PSS026 | Soil | 1.3 | 17.9 | 7.5 | 56 | 0.1 | 13.3 | 7.5 | 919 | 2.61 | 10.7 | 1.4 | 0.8 | 46 | <0.1 | 0.8 | 0.1 | 48 | 0.54 | 0.075 | 7 |
| 13PSS027 | Soil | 0.8 | 20.0 | 8.4 | 60 | <0.1 | 14.7 | 9.5 | 334 | 3.43 | 13.2 | 1.8 | 1.1 | 18 | 0.2 | 1.2 | <0.1 | 66 | 0.17 | 0.107 | 6 |
| 13PSS028 | Soil | 1.0 | 22.7 | 8.7 | 57 | <0.1 | 13.5 | 8.3 | 254 | 3.22 | 13.6 | 0.8 | 0.9 | 22 | <0.1 | 1.3 | <0.1 | 68 | 0.21 | 0.082 | 6 |
| 13PSS029 | Soil | 0.9 | 15.5 | 8.3 | 53 | <0.1 | 13.4 | 7.7 | 221 | 3.21 | 11.9 | 2.5 | 1.2 | 18 | <0.1 | 1.0 | <0.1 | 67 | 0.16 | 0.100 | 6 |
| 13PSS030 | Soil | 0.8 | 11.3 | 8.1 | 45 | <0.1 | 8.9 | 5.7 | 198 | 2.75 | 9.7 | 0.7 | 0.9 | 19 | <0.1 | 0.9 | <0.1 | 63 | 0.18 | 0.086 | 5 |
| 13PSS031 | Soil | 0.9 | 11.4 | 8.9 | 68 | <0.1 | 9.1 | 7.0 | 326 | 3.10 | 9.3 | <0.5 | 0.9 | 14 | 0.2 | 1.0 | <0.1 | 65 | 0.12 | 0.125 | 5 |
| 13PSS032 | Soil | 0.8 | 19.2 | 8.5 | 71 | <0.1 | 13.8 | 8.1 | 314 | 3.13 | 13.6 | 5.4 | 1.2 | 16 | 0.2 | 1.2 | <0.1 | 63 | 0.17 | 0.110 | 6 |
| 13PSS033 | Soil | 1.0 | 7.3 | 8.3 | 55 | <0.1 | 7.9 | 7.0 | 530 | 2.82 | 7.6 | <0.5 | 0.8 | 14 | 0.2 | 0.8 | 0.3 | 64 | 0.14 | 0.085 | 5 |
| 13PSS034 | Soil | 1.0 | 14.0 | 7.3 | 58 | <0.1 | 11.3 | 6.8 | 604 | 2.25 | 9.6 | 1.5 | 0.4 | 94 | <0.1 | 0.6 | 0.2 | 40 | 1.39 | 0.093 | 7 |
| 13PSS035 | Soil | 1.1 | 24.3 | 8.4 | 55 | <0.1 | 14.3 | 8.1 | 413 | 2.93 | 12.2 | 0.9 | 1.0 | 38 | 0.2 | 1.1 | 0.1 | 59 | 0.47 | 0.042 | 7 |
| 13PSS036 | Soil | 0.4 | 13.0 | 6.3 | 41 | <0.1 | 9.4 | 4.3 | 151 | 1.73 | 4.5 | <0.5 | 0.8 | 22 | <0.1 | 0.4 | <0.1 | 41 | 0.21 | 0.063 | 6 |
| 13PSS037 | Soil | 0.7 | 9.3 | 8.0 | 63 | <0.1 | 5.5 | 5.4 | 680 | 2.35 | 5.8 | <0.5 | 0.7 | 16 | <0.1 | 0.7 | <0.1 | 56 | 0.14 | 0.077 | 5 |
| 13PSS038 | Soil | 1.0 | 12.4 | 10.5 | 57 | <0.1 | 9.0 | 6.9 | 488 | 2.83 | 10.3 | 1.2 | 1.0 | 15 | 0.1 | 0.9 | <0.1 | 65 | 0.13 | 0.101 | 5 |
| 13PSS039 | Soil | 1.1 | 13.6 | 8.0 | 42 | <0.1 | 7.4 | 5.1 | 270 | 2.28 | 7.5 | <0.5 | 0.7 | 24 | <0.1 | 0.6 | <0.1 | 62 | 0.25 | 0.028 | 6 |
| 13PSS040 | Soil | 0.9 | 14.0 | 8.8 | 68 | 0.1 | 10.5 | 8.0 | 845 | 2.77 | 10.5 | <0.5 | 0.9 | 17 | 0.2 | 0.7 | <0.1 | 60 | 0.16 | 0.096 | 6 |
| 13PSS041 | Soil | 1.2 | 36.6 | 17.1 | 67 | 0.1 | 14.8 | 10.5 | 453 | 3.47 | 17.1 | 6.2 | 1.2 | 14 | 0.1 | 1.7 | <0.1 | 69 | 0.14 | 0.096 | 5 |
| 13PSS042 | Soil | 0.9 | 13.6 | 9.9 | 85 | <0.1 | 10.9 | 8.9 | 781 | 3.18 | 9.8 | <0.5 | 1.0 | 33 | 0.2 | 0.9 | <0.1 | 67 | 0.24 | 0.285 | 6 |
| 13PSS043 | Soil | 0.7 | 23.4 | 7.1 | 64 | <0.1 | 14.8 | 9.1 | 391 | 2.64 | 10.6 | 1.3 | 0.9 | 24 | <0.1 | 1.0 | <0.1 | 57 | 0.23 | 0.062 | 6 |
| 13PSS044 | Soil | 0.4 | 4.8 | 6.9 | 34 | <0.1 | 8.9 | 5.0 | 218 | 2.04 | 6.1 | <0.5 | 0.7 | 25 | <0.1 | 0.4 | <0.1 | 48 | 0.33 | 0.035 | 5 |
| 13PSS045 | Soil | 1.0 | 16.7 | 8.3 | 102 | 0.1 | 12.5 | 8.4 | 222 | 3.21 | 9.7 | 0.8 | 1.0 | 17 | 0.2 | 0.9 | <0.1 | 67 | 0.19 | 0.138 | 5 |
| 13PSS046 | Soil | 1.0 | 11.7 | 9.2 | 48 | <0.1 | 8.0 | 6.3 | 782 | 2.69 | 7.5 | 0.6 | 0.6 | 17 | <0.1 | 1.0 | <0.1 | 63 | 0.13 | 0.040 | 5 |
| 13PSS047 | Soil | 1.0 | 21.9 | 7.3 | 61 | <0.1 | 18.9 | 9.1 | 396 | 2.90 | 12.3 | <0.5 | 1.0 | 18 | <0.1 | 0.8 | <0.1 | 56 | 0.18 | 0.074 | 5 |
| 13PSS048 | Soil | 1.0 | 38.2 | 6.3 | 35 | 0.3 | 14.4 | 5.3 | 741 | 2.05 | 7.0 | 0.6 | 0.2 | 68 | 0.8 | 0.6 | 0.1 | 41 | 1.32 | 0.074 | 6 |
| 13PSS049 | Soil | 0.9 | 14.0 | 7.9 | 69 | <0.1 | 15.4 | 8.6 | 329 | 2.88 | 10.2 | 0.7 | 1.1 | 14 | <0.1 | 0.8 | <0.1 | 56 | 0.13 | 0.135 | 5 |
| 13PSS050 | Soil | 1.1 | 15.9 | 6.8 | 40 | <0.1 | 9.8 | 5.4 | 143 | 2.07 | 9.8 | <0.5 | 0.8 | 24 | <0.1 | 0.6 | <0.1 | 50 | 0.21 | 0.031 | 5 |
| 13PSS051 | Soil | 1.0 | 22.9 | 7.8 | 49 | <0.1 | 10.3 | 6.0 | 204 | 2.50 | 9.6 | 4.1 | 1.1 | 17 | <0.1 | 0.9 | <0.1 | 59 | 0.16 | 0.050 | 6 |
| 13PSS052 | Soil | 1.3 | 14.3 | 8.4 | 45 | 0.2 | 6.3 | 3.9 | 140 | 1.89 | 4.3 | 2.3 | 0.2 | 43 | 0.3 | 0.6 | 0.2 | 46 | 0.59 | 0.026 | 5 |
| 13PSS053 | Soil | 0.9 | 21.7 | 7.0 | 61 | <0.1 | 12.9 | 7.5 | 232 | 2.85 | 10.6 | 4.6 | 0.9 | 22 | <0.1 | 0.9 | <0.1 | 57 | 0.21 | 0.062 | 5 |
| 13PSS054 | Soil | 1.1 | 22.1 | 9.4 | 54 | <0.1 | 12.5 | 7.0 | 278 | 3.09 | 12.2 | 1.8 | 0.9 | 18 | 0.1 | 1.2 | <0.1 | 63 | 0.19 | 0.076 | 5 |
| 13PSS055 | Soil | 0.9 | 7.7 | 11.3 | 50 | <0.1 | 7.6 | 6.2 | 561 | 2.67 | 7.9 | 2.2 | 0.8 | 13 | <0.1 | 0.9 | <0.1 | 57 | 0.11 | 0.106 | 5 |

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Acme Analytical Laboratories (Vancouver) Ltd.
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
 PHONE (604) 253-3158

Client: **Altiplano Minerals Ltd.**
 220-9797 45 Ave
 Edmonton AB T6E 5V8 CANADA

Project: GD Property
 Report Date: June 26, 2013

Page: 6 of 8

Part: 2 of 1

CERTIFICATE OF ANALYSIS

SMI13000041.1

| Method | Analyte | Unit | MDL | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | | |
|----------|---------|------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|
| | | | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te | Mo | Cu | Pb | Zn | |
| | | | | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | | |
| | | | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | 0.1 | 0.1 | 0.1 | 1 | | |
| 13PSS026 | Soil | | | 15 | 0.37 | 232 | 0.039 | 2 | 1.05 | 0.018 | 0.04 | <0.1 | 0.05 | 4.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13PSS027 | Soil | | | 17 | 0.34 | 112 | 0.055 | 2 | 1.28 | 0.010 | 0.04 | <0.1 | 0.1 | 0.04 | 3.8 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS028 | Soil | | | 18 | 0.38 | 104 | 0.047 | 2 | 1.21 | 0.012 | 0.04 | <0.1 | 0.02 | 3.8 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13PSS029 | Soil | | | 17 | 0.32 | 131 | 0.051 | 1 | 1.37 | 0.012 | 0.03 | <0.1 | 0.02 | 3.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13PSS030 | Soil | | | 14 | 0.24 | 88 | 0.047 | 2 | 1.05 | 0.011 | 0.05 | <0.1 | 0.02 | 2.6 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13PSS031 | Soil | | | 15 | 0.23 | 97 | 0.045 | <1 | 1.25 | 0.008 | 0.04 | <0.1 | 0.03 | 3.0 | <0.1 | <0.05 | 5 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13PSS032 | Soil | | | 15 | 0.33 | 104 | 0.051 | 1 | 1.27 | 0.010 | 0.04 | <0.1 | 0.03 | 4.1 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13PSS033 | Soil | | | 14 | 0.18 | 111 | 0.044 | <1 | 0.94 | 0.007 | 0.04 | <0.1 | <0.01 | 2.3 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13PSS034 | Soil | | | 13 | 0.40 | 280 | 0.028 | 4 | 0.99 | 0.021 | 0.05 | <0.1 | 0.05 | 3.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13PSS035 | Soil | | | 17 | 0.40 | 148 | 0.056 | 2 | 1.12 | 0.016 | 0.06 | <0.1 | 0.04 | 4.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13PSS036 | Soil | | | 11 | 0.30 | 105 | 0.040 | <1 | 1.15 | 0.009 | 0.03 | <0.1 | 0.02 | 2.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13PSS037 | Soil | | | 12 | 0.13 | 127 | 0.038 | 1 | 0.82 | 0.008 | 0.04 | <0.1 | 0.02 | 2.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13PSS038 | Soil | | | 14 | 0.23 | 91 | 0.039 | 1 | 1.18 | 0.008 | 0.03 | <0.1 | 0.01 | 2.8 | <0.1 | <0.05 | 5 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13PSS039 | Soil | | | 13 | 0.26 | 187 | 0.040 | 1 | 1.16 | 0.010 | 0.03 | <0.1 | 0.02 | 2.5 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13PSS040 | Soil | | | 15 | 0.24 | 109 | 0.043 | 2 | 1.22 | 0.008 | 0.04 | <0.1 | 0.02 | 2.8 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13PSS041 | Soil | | | 17 | 0.36 | 99 | 0.045 | 1 | 1.62 | 0.009 | 0.03 | <0.1 | 0.02 | 3.7 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13PSS042 | Soil | | | 16 | 0.25 | 147 | 0.039 | <1 | 1.61 | 0.008 | 0.04 | <0.1 | 0.02 | 2.9 | <0.1 | <0.05 | 5 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13PSS043 | Soil | | | 17 | 0.39 | 125 | 0.044 | 1 | 1.45 | 0.011 | 0.04 | <0.1 | 0.04 | 3.5 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13PSS044 | Soil | | | 12 | 0.36 | 142 | 0.051 | 1 | 1.00 | 0.013 | 0.03 | <0.1 | 0.02 | 2.3 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13PSS045 | Soil | | | 16 | 0.30 | 128 | 0.049 | 1 | 1.59 | 0.008 | 0.04 | <0.1 | 0.03 | 2.9 | <0.1 | <0.05 | 5 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13PSS046 | Soil | | | 13 | 0.20 | 108 | 0.042 | <1 | 0.92 | 0.009 | 0.04 | <0.1 | 0.01 | 2.3 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13PSS047 | Soil | | | 15 | 0.40 | 97 | 0.045 | 1 | 1.57 | 0.009 | 0.03 | <0.1 | 0.03 | 3.4 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13PSS048 | Soil | | | 15 | 0.30 | 321 | 0.024 | 1 | 1.22 | 0.013 | 0.03 | <0.1 | 0.04 | 2.7 | <0.1 | 0.07 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13PSS049 | Soil | | | 16 | 0.31 | 118 | 0.040 | 1 | 1.50 | 0.008 | 0.03 | <0.1 | 0.02 | 3.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13PSS050 | Soil | | | 11 | 0.28 | 155 | 0.041 | <1 | 1.16 | 0.010 | 0.03 | <0.1 | 0.04 | 2.6 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13PSS051 | Soil | | | 14 | 0.29 | 104 | 0.046 | 2 | 1.25 | 0.009 | 0.02 | <0.1 | 0.05 | 3.1 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13PSS052 | Soil | | | 11 | 0.15 | 311 | 0.022 | 3 | 0.94 | 0.010 | 0.03 | <0.1 | 0.03 | 2.1 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13PSS053 | Soil | | | 15 | 0.33 | 181 | 0.040 | 1 | 1.37 | 0.011 | 0.02 | <0.1 | 0.03 | 3.6 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13PSS054 | Soil | | | 16 | 0.34 | 99 | 0.042 | 2 | 1.12 | 0.009 | 0.04 | <0.1 | 0.02 | 3.7 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |
| 13PSS055 | Soil | | | 13 | 0.18 | 100 | 0.033 | 2 | 1.00 | 0.007 | 0.04 | <0.1 | 0.02 | 2.3 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. | |

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Acme Analytical Laboratories (Vancouver) Ltd.
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
 PHONE (604) 253-3158

Client: **Altiplano Minerals Ltd.**
 220-9797 45 Ave
 Edmonton AB T6E 5V8 CANADA

Project: GD Property
 Report Date: June 26, 2013

Page: 6 of 8

Part: 3 of 1

CERTIFICATE OF ANALYSIS

SMI13000041.1

| Method Analyte Unit MDL | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX |
|-------------------------|--------|--------|--------|--------|------|--------|--------|--------|--------|--------|--------|--------|-------|------|-------|--------|--------|------|--------|-------|
| | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | Au ppb | Th ppm | Sr ppm | Cd ppm | Sb ppm | Bi ppm | V ppm | Ca % | P % | La ppm | Cr ppm | Mg % | Ba ppm | Ti % |
| | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 |
| 13PSS026 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS027 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS028 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS029 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS030 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS031 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS032 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS033 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS034 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS035 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS036 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS037 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS038 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS039 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS040 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS041 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS042 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS043 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS044 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS045 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS046 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS047 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS048 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS049 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS050 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS051 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS052 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS053 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS054 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS055 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |

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Acme Analytical Laboratories (Vancouver) Ltd.
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
 PHONE (604) 253-3158

Client: **Altiplano Minerals Ltd.**
 220-9797 45 Ave
 Edmonton AB T6E 5V8 CANADA

Project: GD Property
 Report Date: June 26, 2013

Page: 6 of 8

Part: 4 of 1

CERTIFICATE OF ANALYSIS

SMI13000041.1

| Method | Analyte | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX |
|----------|---------|------|------|-------|------|------|------|------|------|------|------|------|------|
| | | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm |
| MDL | | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
| 13PSS026 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS027 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS028 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS029 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS030 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS031 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS032 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS033 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS034 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS035 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS036 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS037 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS038 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS039 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS040 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS041 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS042 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS043 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS044 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS045 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS046 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS047 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS048 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS049 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS050 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS051 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS052 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS053 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS054 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS055 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |

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

CERTIFICATE OF ANALYSIS

SMI13000041.1

| Method Analyte | Unit | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|----------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| MDL | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | % | % | ppm | ppm |
| | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | | |
| 13PSS056 | Soil | 0.8 | 10.2 | 8.5 | 72 | 0.2 | 7.5 | 7.3 | 773 | 2.87 | 8.1 | 2.0 | 1.0 | 12 | <0.1 | 0.7 | 0.3 | 58 | 0.11 | 0.195 | 5 |
| 13PSS057 | Soil | 0.7 | 14.4 | 7.9 | 68 | <0.1 | 13.4 | 8.7 | 335 | 3.14 | 12.5 | 1.9 | 1.1 | 14 | <0.1 | 1.0 | 0.2 | 61 | 0.12 | 0.121 | 6 |
| 13PSS058 | Soil | 0.9 | 12.3 | 8.0 | 60 | 0.2 | 12.4 | 7.6 | 340 | 2.95 | 11.4 | 1.9 | 0.9 | 14 | 0.1 | 0.9 | <0.1 | 63 | 0.15 | 0.130 | 5 |
| 13PSS059 | Soil | 0.8 | 10.3 | 9.4 | 66 | <0.1 | 9.1 | 8.1 | 585 | 2.74 | 7.5 | 0.8 | 0.8 | 13 | <0.1 | 0.7 | 0.1 | 55 | 0.13 | 0.156 | 5 |
| 13PSS060 | Soil | 0.9 | 17.7 | 8.8 | 73 | 0.1 | 11.8 | 8.8 | 478 | 3.18 | 12.7 | <0.5 | 1.2 | 18 | 0.1 | 1.2 | <0.1 | 60 | 0.21 | 0.179 | 7 |
| 13PSS061 | Soil | 1.2 | 13.6 | 7.7 | 79 | <0.1 | 16.9 | 9.0 | 376 | 3.06 | 9.9 | 1.9 | 1.0 | 14 | 0.2 | 0.8 | <0.1 | 59 | 0.14 | 0.076 | 5 |
| 13PSS062 | Soil | 0.8 | 42.2 | 10.1 | 70 | 0.2 | 20.3 | 11.9 | 943 | 3.67 | 13.5 | 0.6 | 1.4 | 43 | 0.4 | 1.4 | 0.1 | 66 | 0.63 | 0.056 | 13 |
| 13PSS063 | Soil | 1.0 | 25.0 | 9.7 | 80 | <0.1 | 15.6 | 10.9 | 687 | 3.11 | 10.6 | 0.8 | 0.7 | 31 | 0.3 | 1.0 | 0.1 | 55 | 0.34 | 0.092 | 9 |
| 13PSS064 | Soil | 3.9 | 25.7 | 7.1 | 51 | <0.1 | 18.0 | 9.3 | 6089 | 2.56 | 9.8 | 2.3 | 0.5 | 55 | 0.5 | 1.1 | <0.1 | 49 | 1.10 | 0.056 | 7 |
| 13PSS065 | Soil | 1.2 | 8.0 | 8.5 | 51 | <0.1 | 11.5 | 8.3 | 289 | 3.06 | 7.6 | 1.1 | 0.9 | 19 | 0.1 | 0.7 | <0.1 | 66 | 0.20 | 0.144 | 5 |
| 13PSS066 | Soil | 0.8 | 25.3 | 7.6 | 64 | <0.1 | 13.7 | 8.1 | 420 | 2.81 | 11.7 | 2.0 | 1.1 | 15 | 0.1 | 1.1 | <0.1 | 58 | 0.13 | 0.093 | 5 |
| 13PSS067 | Soil | 1.2 | 95.4 | 12.9 | 70 | 0.3 | 17.4 | 11.6 | 525 | 3.71 | 19.3 | 8.2 | 1.0 | 19 | <0.1 | 1.3 | 0.1 | 73 | 0.24 | 0.134 | 5 |
| 13PSS068 | Soil | 1.1 | 42.4 | 15.7 | 105 | 0.5 | 14.5 | 11.5 | 3846 | 3.17 | 10.3 | 0.6 | 0.4 | 43 | 1.5 | 1.1 | 0.2 | 57 | 0.90 | 0.085 | 9 |
| 13PSS069 | Soil | 0.6 | 69.2 | 8.5 | 84 | 0.5 | 15.5 | 6.9 | 1673 | 2.23 | 5.9 | 2.2 | 0.3 | 58 | 1.4 | 0.9 | 0.1 | 46 | 1.27 | 0.084 | 13 |
| 13PSS070 | Soil | 0.9 | 63.7 | 9.6 | 58 | 0.5 | 13.9 | 8.5 | 1278 | 2.62 | 10.1 | 0.8 | 0.4 | 37 | 1.1 | 0.9 | 0.1 | 61 | 0.59 | 0.054 | 14 |
| 13PSS071 | Soil | 0.9 | 16.1 | 9.6 | 53 | 0.2 | 10.3 | 7.3 | 294 | 2.54 | 10.4 | 1.7 | 0.8 | 23 | 0.2 | 0.9 | <0.1 | 59 | 0.37 | 0.044 | 6 |
| 13PSS072 | Soil | 0.7 | 13.9 | 8.1 | 60 | <0.1 | 11.1 | 7.8 | 332 | 2.46 | 9.2 | 1.4 | 0.9 | 17 | 0.1 | 0.8 | <0.1 | 57 | 0.18 | 0.026 | 6 |
| 13PSS073 | Soil | 0.4 | 38.6 | 10.9 | 60 | 0.2 | 13.6 | 6.6 | 378 | 2.66 | 8.7 | 2.6 | 0.7 | 35 | 0.1 | 0.8 | <0.1 | 60 | 0.69 | 0.074 | 11 |
| 13PSS074 | Soil | 1.1 | 24.7 | 9.7 | 58 | 0.1 | 13.2 | 10.5 | 392 | 2.94 | 10.6 | 1.5 | 0.9 | 22 | <0.1 | 0.8 | <0.1 | 67 | 0.32 | 0.031 | 7 |
| 13PSS075 | Soil | 0.8 | 20.8 | 8.2 | 55 | <0.1 | 10.2 | 7.1 | 413 | 2.89 | 11.1 | <0.5 | 0.9 | 15 | 0.1 | 1.1 | <0.1 | 62 | 0.18 | 0.068 | 6 |
| 13PSS076 | Soil | 1.1 | 17.2 | 9.2 | 64 | <0.1 | 11.9 | 7.5 | 697 | 2.90 | 10.2 | 1.7 | 0.9 | 13 | 0.1 | 0.9 | <0.1 | 61 | 0.14 | 0.088 | 6 |
| 13PSS077 | Soil | 1.2 | 11.4 | 9.8 | 106 | 0.1 | 6.2 | 6.8 | 379 | 2.22 | 5.1 | <0.5 | 0.4 | 19 | 0.2 | 0.6 | <0.1 | 55 | 0.35 | 0.047 | 5 |
| 13PSS078 | Soil | 1.6 | 53.4 | 10.5 | 65 | 0.5 | 16.5 | 8.5 | 1439 | 2.69 | 9.9 | 1.0 | 0.4 | 59 | 0.7 | 3.0 | 0.1 | 42 | 1.60 | 0.110 | 8 |
| 13PSS079 | Soil | 0.7 | 13.1 | 7.8 | 51 | 0.1 | 9.9 | 7.8 | 309 | 2.54 | 7.8 | <0.5 | 0.5 | 24 | 0.1 | 0.9 | <0.1 | 59 | 0.27 | 0.065 | 5 |
| 13PSS080 | Soil | 0.5 | 9.4 | 7.3 | 53 | <0.1 | 8.6 | 5.9 | 348 | 2.09 | 4.1 | <0.5 | 0.7 | 20 | 0.1 | 0.7 | <0.1 | 52 | 0.32 | 0.054 | 5 |
| 13PSS081 | Soil | 0.9 | 8.8 | 8.3 | 73 | <0.1 | 8.5 | 8.6 | 715 | 2.87 | 7.9 | <0.5 | 0.7 | 14 | <0.1 | 0.7 | <0.1 | 70 | 0.13 | 0.097 | 5 |
| 13PSS082 | Soil | 0.7 | 10.5 | 8.2 | 86 | 0.1 | 6.7 | 5.9 | 2264 | 2.70 | 5.2 | <0.5 | 0.6 | 14 | 0.2 | 0.7 | <0.1 | 60 | 0.11 | 0.127 | 5 |
| 13PSS083 | Soil | 0.9 | 10.9 | 9.8 | 56 | 0.1 | 6.1 | 4.6 | 186 | 3.31 | 9.5 | 26.7 | 0.8 | 12 | 0.1 | 0.9 | 0.1 | 78 | 0.11 | 0.198 | 5 |
| 13PSS084 | Soil | 1.1 | 32.2 | 11.8 | 75 | 0.2 | 16.0 | 9.3 | 333 | 3.36 | 16.9 | <0.5 | 1.0 | 18 | 0.1 | 1.4 | <0.1 | 68 | 0.18 | 0.096 | 5 |
| 13PSS085 | Soil | 1.4 | 9.1 | 9.2 | 29 | 0.1 | 3.8 | 3.5 | 202 | 2.34 | 7.6 | 0.5 | 0.7 | 15 | <0.1 | 0.7 | 0.2 | 75 | 0.11 | 0.017 | 5 |



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Acme Analytical Laboratories (Vancouver) Ltd.
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
 PHONE (604) 253-3158

Client: **Altiplano Minerals Ltd.**
 220-9797 45 Ave
 Edmonton AB T6E 5V8 CANADA

Project: GD Property
 Report Date: June 26, 2013

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Part: 2 of 1

CERTIFICATE OF ANALYSIS

SMI13000041.1

| Method | Analyte | Unit | MDL | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | | |
|----------|---------|------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|
| | | | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te | Mo | Cu | Pb | Zn |
| | | | | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | | |
| | | | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | 0.1 | 0.1 | 0.1 | | |
| 13PSS056 | Soil | | | 13 | 0.19 | 125 | 0.030 | 3 | 1.40 | 0.007 | 0.03 | 0.1 | 0.04 | 2.9 | 0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS057 | Soil | | | 16 | 0.28 | 149 | 0.039 | 2 | 1.55 | 0.008 | 0.04 | 0.1 | 0.03 | 3.6 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS058 | Soil | | | 15 | 0.27 | 118 | 0.039 | 3 | 1.43 | 0.008 | 0.03 | 0.1 | 0.03 | 3.0 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS059 | Soil | | | 13 | 0.19 | 138 | 0.031 | <1 | 1.33 | 0.008 | 0.03 | 0.1 | 0.01 | 2.8 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS060 | Soil | | | 15 | 0.30 | 133 | 0.042 | 1 | 1.19 | 0.010 | 0.04 | 0.1 | 0.03 | 4.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS061 | Soil | | | 16 | 0.27 | 155 | 0.044 | 1 | 1.64 | 0.009 | 0.05 | 0.1 | 0.02 | 3.4 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS062 | Soil | | | 23 | 0.49 | 313 | 0.030 | 2 | 1.83 | 0.014 | 0.08 | <0.1 | 0.07 | 8.8 | <0.1 | <0.05 | 5 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS063 | Soil | | | 17 | 0.39 | 164 | 0.042 | 2 | 1.14 | 0.014 | 0.08 | 0.1 | 0.02 | 5.1 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS064 | Soil | | | 15 | 0.36 | 627 | 0.035 | 4 | 1.05 | 0.018 | 0.05 | <0.1 | 0.05 | 4.6 | <0.1 | <0.05 | 3 | 1.1 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS065 | Soil | | | 16 | 0.23 | 130 | 0.035 | 2 | 1.41 | 0.009 | 0.05 | 0.1 | 0.02 | 2.9 | <0.1 | <0.05 | 5 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS066 | Soil | | | 15 | 0.32 | 98 | 0.042 | 1 | 1.32 | 0.008 | 0.03 | 0.1 | 0.03 | 3.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS067 | Soil | | | 18 | 0.39 | 111 | 0.044 | 1 | 1.38 | 0.008 | 0.05 | 0.1 | 0.03 | 4.1 | <0.1 | <0.05 | 5 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS068 | Soil | | | 16 | 0.29 | 403 | 0.032 | 2 | 1.47 | 0.014 | 0.04 | <0.1 | 0.05 | 5.5 | <0.1 | <0.05 | 4 | 0.6 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS069 | Soil | | | 15 | 0.31 | 344 | 0.026 | 4 | 1.31 | 0.014 | 0.04 | <0.1 | 0.06 | 4.6 | <0.1 | <0.05 | 3 | 0.6 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS070 | Soil | | | 17 | 0.30 | 235 | 0.033 | 1 | 1.46 | 0.011 | 0.03 | <0.1 | 0.06 | 5.4 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS071 | Soil | | | 15 | 0.27 | 139 | 0.039 | 2 | 1.11 | 0.010 | 0.03 | <0.1 | 0.03 | 3.3 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS072 | Soil | | | 15 | 0.31 | 123 | 0.048 | <1 | 1.21 | 0.016 | 0.02 | <0.1 | 0.02 | 3.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS073 | Soil | | | 17 | 0.40 | 239 | 0.041 | 2 | 1.42 | 0.018 | 0.03 | <0.1 | 0.06 | 6.3 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS074 | Soil | | | 18 | 0.33 | 225 | 0.033 | 3 | 1.82 | 0.012 | 0.03 | <0.1 | 0.02 | 4.3 | <0.1 | <0.05 | 5 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS075 | Soil | | | 16 | 0.26 | 73 | 0.046 | 1 | 1.07 | 0.008 | 0.03 | <0.1 | 0.01 | 3.7 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS076 | Soil | | | 16 | 0.25 | 105 | 0.041 | 1 | 1.38 | 0.008 | 0.04 | 0.1 | 0.02 | 3.2 | <0.1 | <0.05 | 5 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS077 | Soil | | | 13 | 0.22 | 128 | 0.034 | 2 | 0.87 | 0.008 | 0.03 | <0.1 | 0.02 | 2.1 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS078 | Soil | | | 18 | 0.38 | 356 | 0.025 | 2 | 1.42 | 0.015 | 0.04 | <0.1 | 0.07 | 5.2 | <0.1 | 0.06 | 4 | 0.7 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS079 | Soil | | | 14 | 0.28 | 107 | 0.043 | 1 | 1.02 | 0.008 | 0.05 | <0.1 | 0.02 | 2.7 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS080 | Soil | | | 12 | 0.25 | 143 | 0.050 | <1 | 0.89 | 0.008 | 0.04 | <0.1 | 0.01 | 2.5 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS081 | Soil | | | 14 | 0.22 | 101 | 0.040 | <1 | 1.15 | 0.007 | 0.04 | 0.1 | 0.03 | 2.4 | <0.1 | <0.05 | 5 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS082 | Soil | | | 13 | 0.13 | 119 | 0.029 | 1 | 1.02 | 0.007 | 0.04 | 0.1 | 0.03 | 2.1 | <0.1 | <0.05 | 5 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS083 | Soil | | | 15 | 0.18 | 83 | 0.040 | <1 | 1.18 | 0.007 | 0.03 | 0.1 | 0.02 | 2.6 | <0.1 | <0.05 | 6 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS084 | Soil | | | 17 | 0.41 | 156 | 0.040 | 2 | 1.38 | 0.008 | 0.04 | 0.1 | 0.04 | 4.0 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS085 | Soil | | | 12 | 0.10 | 98 | 0.054 | <1 | 0.62 | 0.008 | 0.03 | <0.1 | 0.02 | 1.9 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |

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



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Acme Analytical Laboratories (Vancouver) Ltd.
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
 PHONE (604) 253-3158

Client: **Altiplano Minerals Ltd.**
 220-9797 45 Ave
 Edmonton AB T6E 5V8 CANADA

Project: GD Property
 Report Date: June 26, 2013

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Part: 3 of 1

CERTIFICATE OF ANALYSIS

SMI13000041.1

| Method Analyte Unit MDL | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | |
|-------------------------|--------|--------|--------|--------|------|--------|--------|--------|--------|--------|--------|--------|-------|------|------|--------|--------|------|--------|------|-------|
| | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | Au ppb | Th ppm | Sr ppm | Cd ppm | Sb ppm | Bi ppm | V ppm | Ca % | P % | La ppm | Cr ppm | Mg % | Ba ppm | Ti % | |
| | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 |
| 13PSS056 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS057 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS058 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS059 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS060 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS061 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS062 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS063 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS064 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS065 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS066 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS067 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS068 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS069 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS070 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS071 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS072 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS073 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS074 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS075 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS076 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS077 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS078 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS079 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS080 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS081 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS082 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS083 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS084 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS085 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |

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



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Acme Analytical Laboratories (Vancouver) Ltd.
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
 PHONE (604) 253-3158

Client: **Altiplano Minerals Ltd.**
 220-9797 45 Ave
 Edmonton AB T6E 5V8 CANADA

Project: GD Property
 Report Date: June 26, 2013

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Part: 4 of 1

CERTIFICATE OF ANALYSIS

SMI13000041.1

| Method | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX |
|----------|------|------|-------|------|------|------|------|------|------|------|------|------|
| Analyte | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm |
| MDL | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
| 13PSS056 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS057 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS058 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS059 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS060 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS061 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS062 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS063 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS064 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS065 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS066 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS067 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS068 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS069 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS070 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS071 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS072 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS073 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS074 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS075 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS076 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS077 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS078 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS079 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS080 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS081 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS082 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS083 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS084 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS085 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |



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Acme Analytical Laboratories (Vancouver) Ltd.

9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA

PHONE (604) 253-3158

Client: **Altiplano Minerals Ltd.**

220-9797 45 Ave

Edmonton AB T6E 5V8 CANADA

Project: GD Property

Report Date: June 26, 2013

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Part: 1 of 1

CERTIFICATE OF ANALYSIS

SMI13000041.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|----------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| Unit | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm |
| MDL | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | |
| 13PSS086 | Soil | 0.9 | 15.4 | 9.2 | 56 | <0.1 | 8.0 | 6.9 | 492 | 3.00 | 11.0 | 1.3 | 0.9 | 12 | <0.1 | 1.0 | 0.1 | 66 | 0.10 | 0.143 | 5 |
| 13PSS087 | Soil | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| 13PSS088 | Soil | 1.0 | 16.8 | 9.7 | 52 | <0.1 | 8.4 | 5.8 | 356 | 3.14 | 10.3 | 1.9 | 0.8 | 14 | <0.1 | 1.0 | 0.1 | 82 | 0.10 | 0.059 | 5 |
| 13PSS089 | Soil | 0.8 | 18.8 | 8.3 | 75 | <0.1 | 12.4 | 7.7 | 796 | 3.02 | 11.9 | 3.4 | 1.0 | 13 | 0.2 | 1.0 | 0.2 | 61 | 0.12 | 0.119 | 5 |
| 13PSS090 | Soil | 1.1 | 10.1 | 7.4 | 35 | <0.1 | 6.8 | 4.3 | 159 | 2.28 | 7.8 | 2.4 | 0.6 | 13 | <0.1 | 0.7 | 0.1 | 52 | 0.14 | 0.050 | 4 |
| 13PSS091 | Soil | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |

CERTIFICATE OF ANALYSIS

SMI13000041.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX | 1DX | 1DX | 1DX | |
|----------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te | Mo | Cu | Pb | Zn |
| | | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| | | MDL | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 |
| 13PSS086 | Soil | 15 | 0.21 | 77 | 0.029 | <1 | 1.17 | 0.007 | 0.03 | <0.1 | 0.03 | 2.7 | <0.1 | <0.05 | 5 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS087 | Soil | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | 0.8 | 8.6 | 0.9 | 4 |
| 13PSS088 | Soil | 16 | 0.23 | 92 | 0.041 | 1 | 1.02 | 0.007 | 0.03 | <0.1 | 0.03 | 2.9 | <0.1 | <0.05 | 6 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS089 | Soil | 17 | 0.31 | 138 | 0.027 | <1 | 1.12 | 0.007 | 0.03 | 0.1 | 0.04 | 3.1 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS090 | Soil | 12 | 0.21 | 73 | 0.028 | 1 | 0.74 | 0.006 | 0.03 | 0.1 | 0.03 | 1.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| 13PSS091 | Soil | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | 1.9 | 21.9 | 0.9 | 4 |



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Acme Analytical Laboratories (Vancouver) Ltd.

9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA

PHONE (604) 253-3158

Client: **Altiplano Minerals Ltd.**

220-9797 45 Ave

Edmonton AB T6E 5V8 CANADA

Project: GD Property

Report Date: June 26, 2013

Page: 8 of 8

Part: 3 of 1

CERTIFICATE OF ANALYSIS

SMI13000041.1

| Method | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | |
|----------|------|------|------|------|------|-------|------|------|------|------|------|------|------|------|-------|-------|------|------|------|-------|-------|
| Analyte | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | Cr | Mg | Ba | Ti | |
| Unit | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | ppm | % | ppm | % | |
| MDL | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | |
| 13PSS086 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS087 | Soil | <0.1 | 1.1 | 0.9 | 2191 | 10.68 | 17.5 | 2.3 | <0.1 | 155 | 0.2 | 0.1 | <0.1 | 3 | 3.34 | 0.071 | <1 | 2 | 0.11 | 987 | 0.002 |
| 13PSS088 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS089 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS090 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS091 | Soil | 0.2 | 4.0 | 1.0 | 1226 | 0.49 | 1.0 | 3.8 | <0.1 | 256 | 0.3 | 0.6 | 0.1 | 14 | 4.38 | 0.052 | <1 | 2 | 0.31 | 480 | 0.002 |



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Acme Analytical Laboratories (Vancouver) Ltd.
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
 PHONE (604) 253-3158

Client: **Altiplano Minerals Ltd.**
 220-9797 45 Ave
 Edmonton AB T6E 5V8 CANADA

Project: GD Property
 Report Date: June 26, 2013

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Part: 4 of 1

CERTIFICATE OF ANALYSIS

SMI1300041.1

| Method | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX |
|----------|------|------|-------|-------|------|------|------|------|------|------|------|------|
| Analyte | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm |
| MDL | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
| 13PSS086 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS087 | Soil | <20 | 0.14 | 0.012 | 0.02 | <0.1 | 0.11 | 1.0 | <0.1 | 0.16 | <1 | <0.5 |
| 13PSS088 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS089 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS090 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 13PSS091 | Soil | <20 | 0.16 | 0.051 | 0.01 | <0.1 | 0.11 | 0.4 | <0.1 | 0.35 | <1 | 1.6 |

QUALITY CONTROL REPORT

SMI13000041.1

| Method | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|------------------------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|------|
| Analyte | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | |
| Unit | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | |
| MDL | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 13MRS011 | Soil | 0.9 | 20.8 | 8.0 | 106 | <0.1 | 15.8 | 8.3 | 403 | 3.14 | 11.7 | <0.5 | 1.1 | 15 | 0.1 | 1.0 | <0.1 | 60 | 0.15 | 0.107 | 5 |
| REP 13MRS011 | QC | 1.0 | 20.0 | 8.1 | 98 | <0.1 | 14.7 | 7.6 | 392 | 2.94 | 11.4 | 0.9 | 1.1 | 15 | 0.1 | 1.2 | <0.1 | 56 | 0.15 | 0.104 | 5 |
| 13MRS047 | Soil | 1.3 | 13.4 | 13.3 | 98 | <0.1 | 11.5 | 7.6 | 243 | 3.54 | 14.4 | 32.3 | 1.0 | 12 | <0.1 | 1.0 | 0.1 | 78 | 0.09 | 0.145 | 5 |
| REP 13MRS047 | QC | 1.3 | 12.6 | 13.5 | 98 | <0.1 | 10.9 | 7.3 | 247 | 3.55 | 13.9 | 3.3 | 1.0 | 12 | 0.1 | 0.9 | 0.1 | 79 | 0.10 | 0.139 | 5 |
| 13MRS083 | Soil | 0.8 | 26.5 | 7.1 | 67 | 0.2 | 14.6 | 8.0 | 387 | 3.04 | 9.1 | 2.4 | 0.9 | 28 | 0.2 | 0.9 | <0.1 | 73 | 0.27 | 0.042 | 7 |
| REP 13MRS083 | QC | 0.6 | 26.9 | 7.3 | 67 | 0.2 | 15.6 | 8.1 | 388 | 2.94 | 8.7 | 4.8 | 0.9 | 28 | 0.2 | 1.0 | <0.1 | 70 | 0.28 | 0.046 | 7 |
| 13PSS026 | Soil | 1.3 | 17.9 | 7.5 | 56 | 0.1 | 13.3 | 7.5 | 919 | 2.61 | 10.7 | 1.4 | 0.8 | 46 | <0.1 | 0.8 | 0.1 | 48 | 0.54 | 0.075 | 7 |
| REP 13PSS026 | QC | 1.5 | 17.7 | 7.1 | 56 | <0.1 | 13.5 | 7.2 | 852 | 2.49 | 10.6 | 0.9 | 0.9 | 48 | 0.1 | 0.8 | <0.1 | 47 | 0.50 | 0.072 | 8 |
| 13PSS061 | Soil | 1.2 | 13.6 | 7.7 | 79 | <0.1 | 16.9 | 9.0 | 376 | 3.06 | 9.9 | 1.9 | 1.0 | 14 | 0.2 | 0.8 | <0.1 | 59 | 0.14 | 0.076 | 5 |
| REP 13PSS061 | QC | 1.2 | 14.0 | 7.8 | 77 | <0.1 | 15.6 | 9.0 | 377 | 3.06 | 10.3 | 1.6 | 1.1 | 14 | 0.1 | 0.9 | <0.1 | 60 | 0.14 | 0.075 | 5 |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD DS11 | Standard | 14.6 | 161.1 | 140.7 | 350 | 1.8 | 85.4 | 14.6 | 1085 | 3.19 | 44.0 | 79.7 | 7.9 | 75 | 2.2 | 9.3 | 12.1 | 50 | 1.08 | 0.076 | 20 |
| STD DS11 | Standard | 14.6 | 155.6 | 134.3 | 333 | 1.7 | 79.2 | 14.1 | 1056 | 3.24 | 43.6 | 98.3 | 8.3 | 73 | 2.3 | 9.3 | 10.6 | 52 | 1.05 | 0.071 | 19 |
| STD DS11 | Standard | 14.3 | 155.3 | 151.0 | 345 | 1.9 | 80.5 | 14.9 | 1048 | 3.23 | 44.7 | 77.6 | 8.0 | 73 | 2.2 | 9.7 | 12.6 | 52 | 1.03 | 0.071 | 19 |
| STD DS11 | Standard | 15.7 | 161.9 | 155.5 | 339 | 1.8 | 83.4 | 14.6 | 1068 | 3.27 | 42.9 | 69.6 | 8.9 | 74 | 2.6 | 10.1 | 12.4 | 54 | 1.06 | 0.072 | 21 |
| STD DS11 | Standard | 14.5 | 159.3 | 140.0 | 346 | 1.9 | 85.2 | 14.5 | 1077 | 3.17 | 44.2 | 89.2 | 7.9 | 75 | 2.5 | 10.1 | 12.4 | 55 | 1.06 | 0.072 | 19 |
| STD DS11 | Standard | 13.4 | 159.2 | 147.7 | 355 | 1.8 | 81.5 | 14.1 | 1003 | 3.11 | 43.7 | 83.6 | 7.3 | 66 | 2.5 | 9.4 | 12.0 | 48 | 1.02 | 0.068 | 17 |
| STD DS9 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD DS9 | Standard | 13.1 | 111.7 | 126.7 | 316 | 2.0 | 43.6 | 8.1 | 629 | 2.40 | 25.4 | 123.7 | 7.1 | 80 | 2.5 | 6.4 | 7.0 | 43 | 0.75 | 0.081 | 15 |
| STD DS9 | Standard | 13.3 | 108.8 | 130.0 | 302 | 1.7 | 38.9 | 7.4 | 596 | 2.38 | 26.3 | 110.7 | 7.3 | 84 | 2.4 | 6.3 | 6.0 | 41 | 0.75 | 0.082 | 16 |
| STD DS9 | Standard | 13.8 | 113.9 | 140.1 | 317 | 1.7 | 43.2 | 8.0 | 612 | 2.43 | 25.3 | 113.9 | 7.3 | 80 | 2.4 | 6.7 | 7.2 | 45 | 0.71 | 0.083 | 16 |
| STD DS9 | Standard | 15.0 | 118.0 | 145.4 | 321 | 1.8 | 42.2 | 8.5 | 641 | 2.49 | 26.8 | 119.9 | 8.1 | 90 | 2.3 | 6.9 | 7.4 | 47 | 0.81 | 0.087 | 18 |
| STD DS9 | Standard | 15.0 | 113.7 | 135.2 | 326 | 1.8 | 42.0 | 7.7 | 617 | 2.42 | 26.1 | 107.9 | 7.2 | 85 | 2.5 | 6.6 | 7.5 | 45 | 0.76 | 0.083 | 16 |
| STD DS9 | Standard | 12.2 | 112.0 | 136.2 | 311 | 1.9 | 40.4 | 7.6 | 564 | 2.26 | 27.1 | 112.2 | 6.4 | 71 | 2.3 | 6.2 | 7.1 | 38 | 0.72 | 0.081 | 13 |
| STD OREAS45EA | Standard | | | | | | | | | | | | | | | | | | | | |
| STD OREAS45EA Expected | | | | | | | | | | | | | | | | | | | | | |
| STD DS9 Expected | | 12.84 | 108 | 126 | 317 | 1.83 | 40.3 | 7.6 | 575 | 2.33 | 25.5 | 118 | 6.38 | 69.6 | 2.4 | 4.94 | 6.32 | 40 | 0.7201 | 0.0819 | 13.3 |
| BLK | Blank | | | | | | | | | | | | | | | | | | | | |

QUALITY CONTROL REPORT

SMI13000041.1

| Method | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX | 1DX | 1DX | 1DX | |
|------------------------|----------|-------|--------|-------|--------|-------|--------|--------|-------|-------|-------|-------|-------|--------|-------|-------|------|-------|-------|-------|------|
| Analyte | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te | Mo | Cu | Pb | Zn | |
| Unit | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | |
| MDL | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | 0.1 | 0.1 | 0.1 | 1 | |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 13MRS011 | Soil | 16 | 0.29 | 117 | 0.038 | <1 | 1.53 | 0.010 | 0.03 | <0.1 | 0.03 | 3.6 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| REP 13MRS011 | QC | 15 | 0.29 | 121 | 0.036 | 2 | 1.48 | 0.010 | 0.03 | 0.1 | 0.02 | 3.8 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | | | | |
| 13MRS047 | Soil | 18 | 0.25 | 92 | 0.036 | <1 | 1.55 | 0.008 | 0.03 | 0.1 | 0.02 | 3.1 | <0.1 | <0.05 | 6 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| REP 13MRS047 | QC | 18 | 0.24 | 92 | 0.035 | <1 | 1.52 | 0.008 | 0.03 | <0.1 | 0.01 | 3.0 | <0.1 | <0.05 | 6 | <0.5 | <0.2 | | | | |
| 13MRS083 | Soil | 22 | 0.51 | 159 | 0.068 | 2 | 1.51 | 0.014 | 0.05 | 0.1 | 0.05 | 4.6 | <0.1 | <0.05 | 5 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| REP 13MRS083 | QC | 22 | 0.49 | 164 | 0.067 | 2 | 1.49 | 0.012 | 0.05 | 0.2 | 0.05 | 4.5 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | | | | |
| 13PSS026 | Soil | 15 | 0.37 | 232 | 0.039 | 2 | 1.05 | 0.018 | 0.04 | <0.1 | 0.05 | 4.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| REP 13PSS026 | QC | 14 | 0.37 | 234 | 0.040 | 1 | 1.08 | 0.019 | 0.04 | <0.1 | 0.05 | 4.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 | | | | |
| 13PSS061 | Soil | 16 | 0.27 | 155 | 0.044 | 1 | 1.64 | 0.009 | 0.05 | 0.1 | 0.02 | 3.4 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | N.A. | N.A. | N.A. | N.A. |
| REP 13PSS061 | QC | 16 | 0.28 | 156 | 0.045 | 3 | 1.62 | 0.009 | 0.05 | <0.1 | 0.02 | 3.4 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | | | | |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD DS11 | Standard | 62 | 0.88 | 407 | 0.097 | 9 | 1.18 | 0.073 | 0.42 | 3.0 | 0.28 | 3.2 | 4.7 | 0.27 | 5 | 2.6 | 5.1 | | | | |
| STD DS11 | Standard | 60 | 0.86 | 392 | 0.105 | 9 | 1.16 | 0.074 | 0.39 | 3.1 | 0.27 | 3.0 | 4.5 | 0.25 | 5 | 2.4 | 4.8 | | | | |
| STD DS11 | Standard | 60 | 0.90 | 375 | 0.097 | 7 | 1.16 | 0.071 | 0.40 | 3.4 | 0.28 | 3.2 | 4.5 | 0.25 | 5 | 1.9 | 5.1 | | | | |
| STD DS11 | Standard | 65 | 0.87 | 382 | 0.108 | 7 | 1.20 | 0.074 | 0.38 | 3.2 | 0.29 | 3.2 | 4.7 | 0.29 | 5 | 2.4 | 5.0 | | | | |
| STD DS11 | Standard | 62 | 0.88 | 384 | 0.099 | 5 | 1.21 | 0.072 | 0.40 | 3.2 | 0.26 | 3.2 | 4.7 | 0.26 | 5 | 2.3 | 4.4 | | | | |
| STD DS11 | Standard | 61 | 0.92 | 337 | 0.088 | 7 | 1.04 | 0.063 | 0.38 | 3.2 | 0.33 | 2.8 | 4.6 | 0.23 | 5 | 1.8 | 4.9 | | | | |
| STD DS9 | Standard | | | | | | | | | | | | | | | | | 11.2 | 104.8 | 120.6 | 294 |
| STD DS9 | Standard | 128 | 0.64 | 313 | 0.125 | 4 | 0.99 | 0.090 | 0.41 | 3.1 | 0.20 | 2.4 | 5.4 | 0.09 | 5 | 6.1 | 5.1 | | | | |
| STD DS9 | Standard | 120 | 0.64 | 318 | 0.131 | 2 | 1.03 | 0.088 | 0.38 | 2.9 | 0.21 | 2.5 | 5.1 | 0.15 | 5 | 5.5 | 5.2 | | | | |
| STD DS9 | Standard | 126 | 0.65 | 314 | 0.125 | 3 | 0.98 | 0.086 | 0.39 | 3.1 | 0.21 | 2.6 | 5.5 | 0.09 | 5 | 5.6 | 5.5 | | | | |
| STD DS9 | Standard | 133 | 0.67 | 329 | 0.143 | 3 | 1.05 | 0.097 | 0.40 | 3.1 | 0.21 | 2.9 | 5.5 | 0.15 | 5 | 6.1 | 5.1 | | | | |
| STD DS9 | Standard | 130 | 0.66 | 316 | 0.127 | 2 | 0.99 | 0.092 | 0.39 | 3.2 | 0.21 | 2.6 | 5.3 | 0.10 | 5 | 5.2 | 5.4 | | | | |
| STD DS9 | Standard | 123 | 0.69 | 288 | 0.108 | <1 | 0.92 | 0.078 | 0.37 | 3.1 | 0.23 | 2.1 | 5.2 | 0.12 | 4 | 5.4 | 5.2 | | | | |
| STD OREAS45EA | Standard | | | | | | | | | | | | | | | | | 1.3 | 590.2 | 12.6 | 25 |
| STD OREAS45EA Expected | | | | | | | | | | | | | | | | | | 1.78 | 709 | 14.3 | 30.6 |
| STD DS9 Expected | | 121 | 0.6165 | 295 | 0.1108 | | 0.9577 | 0.0853 | 0.395 | 2.89 | 0.2 | 2.5 | 5.3 | 0.1615 | 4.59 | 5.2 | 5.02 | 12.84 | 108 | 126 | 317 |
| BLK | Blank | | | | | | | | | | | | | | | | | <0.1 | <0.1 | <0.1 | <1 |

QUALITY CONTROL REPORT

SMI13000041.1

| Method | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | |
|------------------------|----------|-------|-------|------|------|-------|------|------|------|------|------|------|------|------|--------|--------|------|------|--------|-------|--------|
| Analyte | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | Cr | Mg | Ba | Ti | |
| Unit | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | ppm | % | ppm | % | |
| MDL | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 13MRS011 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| REP 13MRS011 | QC | | | | | | | | | | | | | | | | | | | | |
| 13MRS047 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| REP 13MRS047 | QC | | | | | | | | | | | | | | | | | | | | |
| 13MRS083 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| REP 13MRS083 | QC | | | | | | | | | | | | | | | | | | | | |
| 13PSS026 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| REP 13PSS026 | QC | | | | | | | | | | | | | | | | | | | | |
| 13PSS061 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| REP 13PSS061 | QC | | | | | | | | | | | | | | | | | | | | |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD DS11 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD DS11 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD DS11 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD DS11 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD DS11 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD DS9 | Standard | 1.8 | 41.2 | 7.5 | 592 | 2.14 | 25.5 | 96.9 | 5.6 | 68 | 2.4 | 4.3 | 6.4 | 38 | 0.62 | 0.080 | 11 | 113 | 0.63 | 289 | 0.093 |
| STD DS9 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD DS9 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD DS9 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD DS9 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD DS9 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD DS9 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD OREAS45EA | Standard | 0.3 | 327.2 | 45.3 | 394 | 21.19 | 6.2 | 46.0 | 8.9 | 4 | <0.1 | 0.2 | 0.3 | 259 | 0.04 | 0.025 | 6 | 736 | 0.08 | 126 | 0.077 |
| STD OREAS45EA Expected | | 0.311 | 357 | 52 | 400 | 22.65 | 11.4 | 53 | 10.7 | 4.05 | 0.03 | 0.64 | 0.26 | 295 | 0.032 | 0.029 | 8.19 | 849 | 0.095 | 148 | 0.106 |
| STD DS9 Expected | | 1.83 | 40.3 | 7.6 | 575 | 2.33 | 25.5 | 118 | 6.38 | 69.6 | 2.4 | 4.94 | 6.32 | 40 | 0.7201 | 0.0819 | 13.3 | 121 | 0.6165 | 330 | 0.1108 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | 0.02 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 | <1 | <0.01 | <1 | <0.001 |



www.acmelab.com

Acme Analytical Laboratories (Vancouver) Ltd.
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
 PHONE (604) 253-3158

Client: **Altiplano Minerals Ltd.**
 220-9797 45 Ave
 Edmonton AB T6E 5V8 CANADA

Project: GD Property
 Report Date: June 26, 2013

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Part: 4 of 1

QUALITY CONTROL REPORT

SMI13000041.1

| Method | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | |
|------------------------|----------|------|--------|--------|-------|------|-------|------|-------|--------|------|------|------|
| Analyte | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te | |
| Unit | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | |
| MDL | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| Pulp Duplicates | | | | | | | | | | | | | |
| 13MRS011 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| REP 13MRS011 | QC | | | | | | | | | | | | |
| 13MRS047 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| REP 13MRS047 | QC | | | | | | | | | | | | |
| 13MRS083 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| REP 13MRS083 | QC | | | | | | | | | | | | |
| 13PSS026 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| REP 13PSS026 | QC | | | | | | | | | | | | |
| 13PSS061 | Soil | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| REP 13PSS061 | QC | | | | | | | | | | | | |
| Reference Materials | | | | | | | | | | | | | |
| STD DS11 | Standard | | | | | | | | | | | | |
| STD DS11 | Standard | | | | | | | | | | | | |
| STD DS11 | Standard | | | | | | | | | | | | |
| STD DS11 | Standard | | | | | | | | | | | | |
| STD DS11 | Standard | | | | | | | | | | | | |
| STD DS11 | Standard | | | | | | | | | | | | |
| STD DS9 | Standard | <20 | 0.90 | 0.077 | 0.37 | 2.5 | 0.19 | 2.4 | 5.3 | 0.17 | 4 | 5.3 | 4.8 |
| STD DS9 | Standard | | | | | | | | | | | | |
| STD DS9 | Standard | | | | | | | | | | | | |
| STD DS9 | Standard | | | | | | | | | | | | |
| STD DS9 | Standard | | | | | | | | | | | | |
| STD DS9 | Standard | | | | | | | | | | | | |
| STD DS9 | Standard | | | | | | | | | | | | |
| STD OREAS45EA | Standard | <20 | 2.49 | 0.019 | 0.05 | <0.1 | <0.01 | 65.6 | <0.1 | <0.05 | 11 | <0.5 | <0.2 |
| STD OREAS45EA Expected | | | 3.32 | 0.027 | 0.053 | | 0.34 | 78 | 0.072 | 0.044 | 11.7 | 2.09 | 0.11 |
| STD DS9 Expected | | | 0.9577 | 0.0853 | 0.395 | 2.89 | 0.2 | 2.5 | 5.3 | 0.1615 | 4.59 | 5.2 | 5.02 |
| BLK | Blank | <20 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |

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



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Acme Analytical Laboratories (Vancouver) Ltd.
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
 PHONE (604) 253-3158

Client: Altiplano Minerals Ltd.
 220-9797 45 Ave
 Edmonton AB T6E 5V8 CANADA

Project: GD Property
Report Date: June 26, 2013

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Part: 1 of 1

QUALITY CONTROL REPORT

SMI13000041.1

| | | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-----|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm |
| | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | 0.02 | 0.6 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | 0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |



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Acme Analytical Laboratories (Vancouver) Ltd.
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
 PHONE (604) 253-3158

Client: **Altiplano Minerals Ltd.**
 220-9797 45 Ave
 Edmonton AB T6E 5V8 CANADA

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 Report Date: June 26, 2013

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Part: 2 of 1

QUALITY CONTROL REPORT

SMI13000041.1

| | | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX | 1DX | 1DX | 1DX | |
|-----|-------|-------|-------|-------|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----|-----|-----|-----|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te | Mo | Cu | Pb | Zn |
| | | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | 0.1 | 0.1 | 0.1 | 1 |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 | | | | |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 | | | | |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 | | | | |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 | | | | |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 | | | | |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 | | | | |



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Acme Analytical Laboratories (Vancouver) Ltd.
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
 PHONE (604) 253-3158

Client: Altiplano Minerals Ltd.
 220-9797 45 Ave
 Edmonton AB T6E 5V8 CANADA

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QUALITY CONTROL REPORT

SMI13000041.1

| | | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | | |
|-----|-------|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|------|-------|-----|-----|------|-----|-------|--|
| | | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | Cr | Mg | Ba | Ti | |
| | | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | ppm | % | ppm | % | |
| | | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | |
| BLK | Blank | | | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | | | | | | | | | | |



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Acme Analytical Laboratories (Vancouver) Ltd.
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
 PHONE (604) 253-3158

Client: Altiplano Minerals Ltd.
 220-9797 45 Ave
 Edmonton AB T6E 5V8 CANADA

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QUALITY CONTROL REPORT

SMI1300041.1

| | | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | |
|-----|-------|-----|------|-------|------|-----|------|-----|-----|------|-----|-----|-----|
| | | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| | | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm |
| | | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
| BLK | Blank | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | |