# REVIEW OF TECHNICAL INFORMATION AND PROPOSED EXPLORATION PROGRAM FOR THE CHRISTA - AURA PROPERTY

OUTH WESTERN BRITISH COLUMBIA	
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#### Item 1: Summary

Longacre Resources Inc. ("Longacre Resources") holds a 100% interest in the Christa - Aura Property ("the Property") located in south western B.C. approximately 40 kilometers northeast of the community of Hope. The Property was acquired by direct purchase and staking after a technical review of several BC projects at a cost of \$17,153. There are no underlying option payments or Royalties payable by Longacre Resources in respect of the Christa – Aura Property. At the request of Longacre Resources the author supervised a preliminary exploration program on the property (completed during August and September of 2011) and has prepared a Technical Report on the Property ("the Report") to the standards required by National Instrument 43-101 and Form 43-101F (Standards of disclosure for mineral properties).

The Property comprises an irregular shaped block of ground approximately 3.75 kilometers long and 3.10 kilometers wide (2,034.44 ha.) located approximately 11 kilometers east of the Coquihalla Highway. At present there are no access roads and the only way to access the project area is by helicopter. Previous exploration work by Noranda in the late 1980's identified an outcropping, gold bearing, silicified, breccia zone interpreted as a high level epithermal type occurrence (referred to as the Aura Breccia). Preliminary sampling by Noranda in 1990 indicated that the breccia zone was consistently mineralized and returned gold values ranging from several hundred ppb to 1,830 ppb (equivalent to 1.830 g/t gold). According to Noranda, 63 continuous 1.5 meter samples returned an average grade of 0.503 g/t gold over a length of 75 meters including a 13.5 meter section that averaged 1,034 ppb (equivalent to 1.034 g/t gold). Figures 1 and 2 are regional scale maps that show the location of the Property relative to existing mineral claims, access roads, parks and known exploration prospects reported by BC Ministry of Mines ("BCMEM") in southwestern B.C.

Reconnaissance scale geological mapping, soil geochemical sampling and geophysical surveys completed by Noranda indicated the Aura Breccia Zone is localized along a contact between volcanic rocks and intrusive rocks and indicated potential for extensions of the zone. Follow-up drill testing was recommended in 1990 by Noranda but was not carried out and the Noranda claims were allowed to lapse. Since the late 1990's the Property has been held intermittently by various private interests but there is no published record of any systematic exploration work within the current claim area.

The geology of the project area is relatively simple. Tertiary aged volcanic rocks (Coquihalla Volcanic Complex) lie unconformably on the Cretaceous aged Eagle Granodiorite plutonic complex. The mineralized quartz breccia outcrop is exposed over a strike length of roughly 100 meters, has an apparent width of several tens of meters and forms a cliff three to seven meters in height, oriented north northeast. Most of the outcrop is comprised of clear to milky quartz fragments in a siliceous matrix however, minor portions of the outcrop do not exhibit breccia textures. At these locations the rock is a highly silicified-sericitized host containing a quartz stockwork. This latter rock type is gradational into the breccia. In the brecciated portions of the outcrop fragments are angular to subrounded and vary from a few mm to 30 cm in size. In general the larger fragments are less angular than

the smaller fragments. The breccia is poorly sorted with fragment density ranging from 50% to 80%. Locally thin (>5 mm) quartz veins are present cutting through both the fragments and matrix, in other locations veins are present within the fragments only. Thicker milky white quartz veins cut across the thinner clear quartz veins indicating at least 2 generations of quartz veining. There are no visible sulfides, but the outcrop is variably coloured white to orange.

During August and September of 2011, Longacre Resources carried out an exploration program designed to confirm the results reported by Noranda and determine if additional exploration work is warranted. The historic Noranda exploration data was entered into a GIS database and a high resolution topographic model was constructed to provide accurate base mapping for field operations. Detailed, systematic rock sampling was carried out to verify the grade distribution reported by Noranda from the exposed mineralized breccia zone. Soil geochemical surveys were completed to assess the potential for strike extensions of the zone and a three dimensional induced polarization survey ("3D IP survey") was completed to determine if the observed mineralized zone has a distinctive chargeability response and to assess potential depth extensions of the observed mineralization.

Results of the exploration work completed by Longacre Resources are encouraging. Assay results of the systematic rock sampling program returned consistently anomalous values up to 1.925 g/t gold and have confirmed that the Aura Breccia Zone is consistently mineralized. Soil geochemical surveys confirmed there are potential extensions of the zone along strike and the 3DIP survey has confirmed there is a distinctive chargeability response associated with the known mineralization. More importantly the geophysical survey has partially defined a much larger response below the exposed mineralized zone that exhibits the same chargeability response as the observed mineralization. According to SJ Geophysics the geophysical anomaly identified at depth appears to be much larger than the response associated with the observed mineralization and is open along strike to the northeast.

Based on the Author's review of the historic technical data and the results of the exploration work completed by Longacre Resources, the Property is considered a promising, early stage epithermal type gold prospect. In the Author's opinion the Property is of sufficient merit to warrant additional exploration.

It is recommended that the next stage of exploration work (Stage 1) at the Christa - Aura Property consist of additional detailed geological mapping and soil sampling to assess potential strike extensions of the known mineralized zone and to determine if there are parallel mineralized zones present within the claim area. This stage of exploration should include detailed structural modeling and 3D geological modeling to ensure that all potential target areas (including areas masked by Tertiary volcanics) within the Property are identified. In the event that significant extensions of the known mineralized zone or parallel targets are identified within the claim area, a follow-up program (Stage 2) of 3DIP surveys would be warranted. The total estimated cost of the proposed Stage 1 program is \$215,000. Assuming a minimum of three high priority target areas are identified in Stage 1, the estimated cost of Stage 2 geophysical surveys and initial, follow-up drill testing would be approximately \$440,000.

#### Item 2: Introduction

The Author was retained by the Board of Directors of Longacre Resources to review historic technical reports related to the Christa - Aura Property, design and supervise a preliminary exploration program to verify the historic data, and, if warranted, outline recommendations for a follow-up exploration program. Longacre Resources intends to utilize this technical report in support of an application to the TSX Venture Exchange for an Initial Public Offering.

The available technical data for the Christa - Aura Property consists of regional geological information compiled by the BCMEM and documentation regarding field investigations completed within the project area by various previous operators including Noranda. Sources are listed in the References section of this Report and are cited where appropriate in the body of the Report.

This Report was prepared in accordance with National Instrument 43-101. The Qualified Person who is the Author of this Report has supervised various exploration projects in the Province of British Columbia. The Author visited the Christa - Aura Property several times during August and September of 2011 by helicopter from Valley Helicopters' base near Hope, B.C. The scope of the personal inspection of the Property was to confirm the presence of the mineralized zone reported by Noranda, confirm there are areas suitable for helicopter assisted operations within the planned target areas and to supervise the 2011 program. The Author conducted an online title search on MAY 30, 2012 to verify that all of the mineral claims that comprise the Christa - Aura Property are registered in the name of Longacre Resources and are in good standing with the BC Ministry of Energy and Mines ("BCMEM").

# **Item 3: Reliance on Other Experts**

The Author has prepared this report based on information which is believed to be accurate but which is not guaranteed. The technical reports listed in the References section of this Report appear to have been completed by professional geologists without any promotional or misleading intent and the Author has no reason to doubt the accuracy or completeness of the contained information.

To the best of the Author's knowledge at the time of writing this Report, the Property is free of any liens or pending legal actions and is not subject to any underlying royalties, back-in rights, payments or other encumbrances other than as disclosed in section 6 of this Report. To the best of the Author's knowledge, there are no known existing environmental liabilities to which the property is subject, other than the requirement to mitigate any environmental impact on the claims that may arise in the course of normal exploration work and the requirement to remove any camps constructed on the Property or any equipment used in exploration of the claims in the event that exploration work is terminated.

#### **Item 4: Property Description and Location**

Longacre Resources holds a 100% interest in six adjoining mineral tenures comprising 2,034.44 ha. located approximately 40 kilometers northeast of Hope, in south western BC. All of the claims which comprise the Christa - Aura Property were staked pursuant to the BCMEM MTO system (Mineral Titles Online System). The earliest expiry date of the claim package is December 30, 2014. The location of the Property relative to other mining claims, local communities, parks and access roads is shown in figure 1. The individual claim tenure numbers are shown in figure 3. The Property is located on BC TRIM Mapsheet No.s 92H045 and 92H055.

The Property was acquired by direct purchase and staking after a technical review of several BC projects at a cost of \$17,153. The acquisition costs include a total of \$4,500 paid to an underlying owner of tenure 841690 in exchange for a 100% interest, a total of \$2,913.78 paid for re-imbursement of staking fees paid to BC Mines for all of the tenures and a total of \$9,739.22 paid for consulting fees in connection with background research and administrative expenses paid to BC Mines in connection with the acquisition. Longacre holds an undivided 100% interest in the Property and there are no underlying option payments or Royalties payable by Longacre Resources in respect of any of the mineral tenures which comprise the Christa – Aura Property.

The Property comprises an irregular shaped block of ground (2,034.44 ha.) located approximately 11 kilometers east of the Coquihalla Highway. At present there are no access roads and the only way to access the project area is by helicopter. The mineral cell title claim statistics are summarized in Table 1; note that this claim information is not a legal title opinion but is a compilation of claims data based on the Author's review of the government of the British Columbia Mineral Rights inquiry website (BC Mineral Titles, May 30, 2012). The mineral claims do not have to be legally surveyed since they are BC Government established cell claims.

Table 1. List of mineral tenures

Tenure Number	Owner	FMC Number	Good To Date	Area (ha)
841693	Longacre (100%)	254508	2014/Dec/30	377.51
841698	Longacre (100%)	254508	2014/Dec/30	377.63
841699	Longacre (100%)	254508	2014/Dec/30	503.19
841700	Longacre (100%)	254508	2014/Dec/30	125.90
862595	Longacre (100%)	254508	2014/Dec/30	524.36
841690	Longacre (100%)	254508	2014/Dec/30	125.85

The Christa - Aura Property is owned 100% by Longacre Resources and is not subject to any royalties, back in rights, payments or other agreements. Prior to July 1, 2012 BC Ministry of Mines regulations required that title to the claims be maintained through the performance of annual assessment work filings and payment of required fees. For the first three years after a claim was staked a minimum of

\$4.00 per hectare in eligible exploration and development expenditures needed to be incurred. In subsequent years, a total of \$8.00 per hectare in eligible exploration expenses needed to be incurred. Effective July 1, 2012 new regulations came into effect that changed the requirements from a 2-tier system to a 4-tier system and have significantly increased the minimum exploration expenditures that are required to maintain mineral tenures in good standing. Under the new regulations all mineral tenures are deemed to be in their first anniversary year and the new minimum exploration expenditures will be \$5.00 per hectare for anniversary years 1 and 2, \$10.00 per hectare for anniversary years 3 and 4; \$15.00 per hectare for anniversary years 5 and 6 and \$20.00 per hectare for each subsequent anniversary year.

Prior to July 1, 2012 holders of mineral tenures had the option of making payments equivalent to the minimum exploration and development expenditures (referred to as PIED) required by the Ministry of Mines instead of incurring the required expenditures. Under the old regulations a minimum of one day and a maximum of one year of PIED could be applied to mineral tenures. Under the regulations which come into effect July 1, 2012 the holders of mineral tenures will still have the option of making payments instead of exploration and development work however, the new PIED rate will be set at double the value of the minimum exploration and development expenditures required. In addition to the changes in the PIED rate tenure holders who elect to make payments instead of incurring expenditures will need to pay for a minimum of 6 months which under the new regulations will be equivalent to the minimum expenditures for an entire year. Similar to the assessment work requirements, if a recorded holder wishes to register PIED, the claim will also be treated as if it is in its first anniversary year for the purpose of calculating the assessment requirement, as of the date of implementation (July 1, 2012).

To the best of the Author's knowledge government permits are not required to carry out the proposed Stage 1 exploration program but will be required to carry out the proposed Stage 2 exploration program and for any follow up diamond drilling program recommended after completion of this program. These programs will require application to the BCMEM for permits and Longacre Resources may be required to post security equivalent to the estimated costs of any reclamation work which will be required after completion of the proposed exploration work. To the best of the Author's knowledge, approval from local First Nations communities may also be required to carry out the proposed **Stage 2** exploration program. The reader is cautioned that there is no guarantee that Longacre Resources will be able to obtain approval from local First Nations. However, the Author is not aware of any problems encountered by other junior mining companies in obtaining approval to carry out similar programs in nearby areas nor is the Author aware of any instances where local First Nations communities have objected to exploration work in the general project area.

#### Item 5: Accessibility, Climate, Local Resources, Infrastructure and Physiography

The Christa - Aura Property is located in the New Westminster and Similkameen Mining Divisions in south-central British Columbia. The nearest community is Hope, B.C. located approximately 40 km to the southwest. The nearest major road is the Coquihalla Highway located approximately 11 km west of the Property. There are currently no access roads onto the Property. Consequently, the best way to access the Property is by helicopter from Hope, B.C. which is a 40 minute round trip.

The Christa - Aura Property comprises an irregular shaped block surrounding Coquihalla Mountain. The claim block is approximately 3.75km long and 3.1km wide. The center of the Property is at UTM Zone 10 (NAD 83) at approximately 642,406m East and 5,487,027m North. The southern part of the Property straddles Jim Kelly Creek which drains southeasterly into the Tulameen River approximately 5 kilometers east of the Property. Huldra Silver Inc. is currently developing a high grade vein type silver deposit (referred to as the Treasure Mountain Project) located approximately 10 kilometers south of the Christa – Aura Property. Access to the Huldra silver project is via an existing logging road that traverses the Tulameen River located approximately 5 kilometers to the east of the Property as described in Item 6.

The Property is located in rugged, mountainous terrain that is subject to severe winter weather conditions. Temperatures are moderate with annual rainfall recorded at Hope BC of 177 cm and annual snowfall recorded at 170 cm. Exploration work should be carried out between May and October to avoid potential problems due to weather conditions. Overall relief is 880 meters, from 1,280 meters a.s.l. at Jim Kelly Creek in the southern part of the Property to 2,160 meters a.s.l. on the peak of Coquihalla Mountain. Vegetation is alpine to sub-alpine at elevations above 1,615 meters, and is conifer forest at lower elevations. The main work area within the Property is located in the east central part of the claim area as shown in Figure 5.

There are abundant water sources within and adjacent to the Property. At present there are no power sources available at the Property; however, it may be technically feasible at some point in the future to construct road access from existing logging road access along the Tulameen River approximately 5 kilometers to the east. No engineering studies have been undertaken to determine costs or potential environmental impacts.

To the best of the Author's knowledge, the surface rights to the Property are currently held by the Province of British Columbia. In the event that a significant mineralized zone is identified, an application that includes detailed environmental impact studies must be made to the BC Land Title and Survey Authority (LTSA) for surface rights prior to initiation of any advanced exploration or mining activities. Although no detailed assessment has been undertaken to determine if there are areas within the Property that could be used for tailings and or waste disposal the physiography of the central parts of the Christa - Aura Property may be permissible for such uses. The reader is cautioned that there is no guarantee that areas for potential mine waste disposal, heap leach pads, or areas for processing plants will be available within the Property.

# Item 6: History

The earliest reports of exploration work in the project area were documented in the early 1900's. Goldbearing quartz veins were reportedly worked on in the in the upper reaches of Jim Kelly Creek located in the southern part of the Property. According to the BCMEM database, these veins were being worked for gold in 1914 (BCDMAR 1914 p. K232). It is important to note that these vein type occurrences are believed to be located immediately south of the Christa – Aura Property. This reference is included to illustrate that previous exploration work identified gold mineralization in the general project area.

The area experienced a second period of activity in 1937 when the gold and silver-bearing quartz veins in the Jim Kelly Creek area were reportedly worked with open cuts and short adits (BCDMAR 1937 p. D21). The exact locations of these quartz veins and of those worked in 1914 is not given in the BCMEM descriptions. Figure 2, 3 and 4 show the location of several BCMEM Minfile Showings which are believed to be the approximate location of the reported gold and silver veins.

In 1966 a considerable amount of work was reportedly done on the south side of Jim Kelly Creek by Bethex Exploration Limited. Bethex reportedly excavated 32 trenches totalling over 5,486 m in length and drilled 863 m in 5 holes (BCDMAR 1966 p.174). The objective at the time appears to have been copper in a porphyry-type situation. Samples were reportedly assayed for copper and molybdenum but not for gold or silver. Assays for these samples are not available. It is important to note that these occurrences are believed to be located immediately south of the Christa – Aura Property. This reference is included to illustrate that previous exploration work identified mineralization in the general project area.

In November 1981 to February 1982, Mine Quest Exploration Associates Ltd. staked 13 claims on behalf of Clifton Resources Ltd. The claims straddled Jim Kelly Creek on the southeast side of Coquihalla Mountain. Five contour soil lines between 1,370 meters and 1,670 meters elevation were sampled around the Jim Kelly Creek basin. Seven hundred-twenty soils were collected along these lines. Of the five lines that were sampled, one line showed anomalous gold and silver values in the eastern half of the area sampled. Sample assays ranged from 50 to 165 ppb gold and 5.0 to 35.0 ppm silver). Rock chip samples along this line had uniformly low Au values (AR 10,868). Most of the sampling completed by Clifton Resources appears to have been completed within the boundaries of the Christa – Aura Property. Figure 5 shows the reported location of the samples collected.

The exploration program also consisted of prospecting and geological examination. In particular, attempts were made to find the gold-bearing locations which are described in BCMAR in 1914 and 1937. This was unsuccessful. In 1985, a follow-up sampling program hoped to extend the anomalous zone of gold values to the southeast across the Tertiary Volcanic/Eagle Granodiorite contact. Because of snow conditions, sampling had to take place at the 1,330 meter level (below the tree line) and none of the collected samples were anomalous. It was thought that the 1982 samples were collected closer to the source or in an area of thinner overburden, than those collected during the 1985 program (AR 14,362).

A short reconnaissance program targeting the Tertiary Coquihalla Volcanic Complex was implemented by Noranda Exploration during the 1988 summer field season. Grab samples from several outcrops were collected, and returned weakly to highly anomalous gold values. The two most interesting gold anomalies came from an outcrop of quartz breccia exposed on a south facing hillside. One grab sample contained 3315 ppb Au (equivalent to 3.315 g/t gold) and 35.9 ppm Ag (equivalent to 35.9 g/t silver) and the other had 1540 ppb Au (equivalent to 1.540 g/t gold and 13.4 ppm Ag (equivalent to 13.4 g/t silver). Based on these results the Christa claims were staked in October 1988. Prior to Noranda's staking of the Christa claims, the majority of work in this area was concentrated in the valley of Jim Kelly Creek.

From August 6 to August 27, 1989 Noranda completed a work program of grid establishment, soil sampling, rock geochemistry, geophysics, petrography and geologic mapping. In total 11.6, line km of grid were established, 420 soils were collected, 172 rocks were analyzed, 7.8 km of ground magnetometer work was completed, and a preliminary geologic map was produced (Erdman, 1989). Sixty-three continuous 1.5 meter chip samples from the anomalous outcrop of quartz breccia returned consistently anomalous levels of Au and Ag. The average over 76 meters was 514 ppb Au (equivalent to 0.514 g/t gold) and 5.4 ppm Ag, including a 13.5 m section of 1034 ppb Au (equivalent to 1.034 g/t gold) and 9.6 ppm Ag. Soil geochemistry defined a 400 m long linear trend of weakly anomalous gold values, located south and sub-parallel to the quartz breccia outcrop.

In 1990 the grid was extended to the east and a total of 202 additional soil samples were collected from the grid. Gold values in the eastern grid extension were consistently low returning 5 ppb Au or less, and Ag is generally 0.8 ppm or less, with two samples having 1.0 ppm Ag, and one sample having 2.0 ppm Ag. Barium levels are generally high, consistent with the previous year's observation that soils developed over Eagle granodiorite contain greater amounts of barium than those developed over volcanics. The location of the soil geochemical surveys completed by Noranda are shown in Figure 5. All of the areas worked on and sampled by Noranda are located within the boundaries of the Christa – Aura Property.

In addition to the soil sampling and geophysical surveys completed in 1990 twelve rock samples were collected from outcrops not sampled in previous years. All of the samples were either of quartz vein, quartz breccia or silicified muscovite granite. Only one of the samples, R120921, contained sulfides, as 5% to 10% very fine grain disseminated pyrite. Three of the rocks contained from 3.6 ppm to 12.8 ppm Ag, and the latter silver anomalous sample, also had a low level Au anomaly, 156 ppb Au. This sample comes from a small outcrop on Line 41+50E Station 23+74N, 105 m southwest of the anomalous cliff of quartz breccia. The remaining 11 samples were not strongly anomalous in gold although two of the samples returned weakly elevated Au relative to background: 22 ppb Au and 11 ppb Au.

#### **Item 7: Geological Setting and Mineralization**

# Regional geology

The Tertiary aged Coquihalla Volcanic Complex occurs in the northern part of the Cascade Mountains; near the physiographic boundaries with the Coast Mountains on the west and the Interior Plateau on the east. The eastern boundary roughly corresponds to the tectonic division between the Coast Plutonic Complex and the Intermontane Belt. The Tertiary Volcanic Complex lies un-conformably on the Cretaceous Eagle plutonic complex on all sides except to the southwest, where it is in fault contact with Eocene clastic rocks (Grieg, 1988). The Volcanic Complex covers approximately 30 km and is exposed at elevations between 840 m and 2160 m. It is composed of calc-alkaline acid to intermediate extrusive and intrusive rocks. Avalanche breccias and minor amounts of epiclastic conglomerate and sandstone are also present.

The Eagle plutonic complex is a large body of gneissic granodiorite, muscovite granite and heterogeneous gneiss (Grieg, 1988). It is the southern part of the Mount-Lytton Eagle Complex, an elongate north northwest trending plutonic complex that has a length of over 200 km.

# **Property Geology**

The area covered by the Christa – Aura claims is primarily underlain by rocks of the Tertiary Coquihalla Volcanic Complex. These were mapped in detail by Berman (1979) and by Erdman (1989). Rocks of the Eagle Granodiorite are exposed in outcrop in the southern part of the Christa – Aura claims..

The Tertiary igneous rocks are sub-divided into seven map units based on textural and mineralogical properties. Two of the seven members are, extrusive, the remaining five are all intrusive, emplaced with the extrusive members. An acidic pyroclastic tuff has the greatest aerial extent and is present throughout most of the claim block. Intrusive into this are a flow banded rhyolite (possibly a remnant of a rhyolite dome), a dioritic to quartz dioritic stock, pyroxene and hornblende andesites, and a hornblende dacite. The andesite and dacite members take the form of dykes, sills and domes. The youngest extrusive has a limited extent, and is identified by Berman (1979) as an explosion breccia.

The eighth member of the Tertiary Coquihalla Volcanic Complex is an avalanche breccia, formed by large scale avalanching into the subsiding Coquihalla basin (Berman, 1979). This unit is similar to breccias described by Lambert (1974) at the Bennett Lake Caldera Complex.

The contact between the muscovite granite and gneiss complex is not well defined in the field due to lack of outcrop. It was decided that the most eastern outcrops of gneiss established the position of the contact, despite the fact that outcrops of non-pegmatitic muscovite granite do appear west of this line. According to Greig (1988) the muscovite bearing granite is the youngest phase within the Eagle Plutonic Complex and has mixed intrusive relationships at its contact with the older intrusive phases.

At the contact with the overlying volcanic tuff these 2 phases of the Eagle Complex show a breccia texture. These breccias have angular to subangular, monolithologic, tightly packed fragments within a matrix of the same lithologic material, making it difficult to distinguish the brecciation without careful observation. The zone of brecciation lies adjacent and parallel to the contact with the overlying tuff, and varies from 30 meters to 125 meters in width. It appears to continue to the southwest beyond the limit of mapping, but dies out towards the east, away from the plutonic- volcanic contact. Difficult access to the north trending plutonic- volcanic contact prevented mapping of this breccia zone at this location.

#### Mineralization

Previous exploration work by Noranda in the late 1980's identified an outcropping, gold bearing, silicified, breccia zone (referred to as the Aura Breccia) interpreted as a high level epithermal type occurrence. Preliminary sampling by Noranda in 1990 indicated that the breccia zone was consistently mineralized and returned gold values ranging from several hundred ppb to 1,830 ppb (equivalent to 1.830 g/t gold). According to Noranda, 63 continuous 1.5 meter samples returned an average grade of 0.503 g/t gold over a length of 75 meters including a 13.5 meter section that averaged 1,034 ppb (equivalent to 1.034 g/t gold).

The mineralized quartz breccia outcrop forms a cliff 3 meters to 7 meters in height, approximately 100 meters in length oriented at 024/25". Most of the outcrop is comprised of clear to milky quartz fragments in a siliceous matrix. However, minor portions of the outcrop do not exhibit breccia textures. At these locations the rock is a highly silicified-sericitized host containing a quartz stockwork. This latter rock type is gradational into the breccia. In the brecciated portions of the outcrop fragments are angular to sub-rounded and vary from a few mm to 30 cm in size. In general the larger fragments are less angular than the smaller fragments. The breccia is poorly sorted with fragment density ranging from 50% to 80%. Locally thin (>5 mm) quartz veins are present cutting through both the fragments and matrix, in other locations veins are present within the fragments only. Thicker milky white quartz veins cut across the thinner clear quartz veins indicating at least 2 generations of quartz veining. There are no visible sulfides, but the outcrop is variably coloured white to orange. The orange tint is not a surface coating, but is pervasive throughout the breccia.

Mapping, rock sampling, soil geochemical surveys and geophysical surveys completed by Noranda and by Longacre have confirmed the presence of a significant mineralized zone (Aura Breccia) and found several smaller outcrops of similar quartz breccia, both to the southwest and northeast along strike, as well as higher in elevation. All of these have similar strikes and dips, suggesting a series of stacked subparallel silicified breccia zones with a possible strike length of 335 meters. Figure 5 shows the location of the geochemical survey grids and the location of the mineralized zone referred to as the Aura Breccia.

#### Item 8: Deposit Types - High level Epithermal Gold - Silver Deposits

Based on historic and current technical data the observed gold mineralization within the Christa - Aura Property is classified as a high level, epithermal type prospect. This type of deposit is described by Panteleyev, (1996): Hot-spring Au-Ag, in Selected British Columbia Mineral Deposit Profiles, Volume 2 - Metallic Deposits, Lefebure, D.V. and Hőy,T., Editors, British Columbia Ministry of Employment and Investment, Open File 1996-13, pages 33-36.

**EXAMPLES (British Columbia (MINFILE #) - Canada/International)**: Cinola (uppermost part, <u>103F 034</u>), Clisbako (<u>093C 016</u>), Wolf (<u>093F 045</u>), Trout (<u>093F 044</u>); McLaughlin (California, USA), Round Mountain (Nevada, USA).

**GEOLOGICAL CHARACTERISTICS:** Auriferous chalcedonic or opaline silica and fine-grained quartz form veins, stockworks and matrix filling in breccias hosted by volcanic and, less commonly, sedimentary rocks. These are the uppermost parts of epithermal systems which develop mineralized siliceous caps a few metres to hundreds of meters below surface with subaerial siliceous sinter deposits at the water table and explosion breccias above.

**TECTONIC SETTINGS**: Continental margin rifting and district-scale fracture systems with associated bimodal or low volume mafic to intermediate volcanism. Commonly in regions of strike-slip faulting with transform faults and transtensional basin margins. Also extensional tectonism with related caldera development and resurgence, flow-dome complexes and high-level subvolcanic intrusive activity.

**DEPOSITIONAL ENVIRONMENT / GEOLOGICAL SETTING**: Shallow parts of fossil geothermal systems. Hotsprings deposit silica near the paleo groundwater table and as subaerial, ponded precipitates. Deeper fluids are channelled by permeable stratigraphic units, hydrothermal breccia bodies and faulted/fractured rocks. Subaerial volcanic centres including flow-dome or caldera complexes and related radial and ring fracture systems.

**AGE OF MINERALIZATION**: Tertiary and Quaternary are most common; some currently active hotsprings. Hotspring sinters as old as Late Devonian have been described (Cunneen and Sillitoe, 1989).

HOST/ASSOCIATED ROCK TYPES: Intermediate or bimodal basaltic-rhyolitic volcanics including volcanic flows, flow domes, tuffs and breccias; hydrothermal breccias and siliceous sinters. Any type of permeable or structurally prepared country rock can be mineralized, most commonly ash flow units and caldera-fill sediments. In some cases, serpentinized ultramafic and mafic rocks in major fault zones in areas of post-faulting volcanic activity are mineralized. Sedimentary rocks occur at Cinola and many other deposits.

**DEPOSIT FORM**: Near-surface, lensoid hotspring deposits and planar lithologic replacement zones. Individual zones are up to hundreds of metres in two dimensions and tens of metres in the third. Underlying these are cone or wedge-like hydrothermal feeder systems with quartz stockworks and veins

centred on regional-scale fault and fracture zones, or their splays. Locally phreatic and phreatomagmatic explosion pits formed at the paleosurface.

**TEXTURE/STRUCTURE**: Generally very fine grained disseminated sulphides in silicified (opalized and chalcedonic) country rocks and silica sinter; hydrothermal breccias, quartz stockworks and banded to vuggy, sheeted, multiple-generation quartz- chalcedony veins. Hydrofracturing textures are common.

**ORE MINERALOGY (Principal and subordinate)**: Pyrite, marcasite, gold, electrum; stibnite, sulphosalt minerals, realgar, cinnabar (cinnibar only near tops of deposits).

**GANGUE MINERALOGY (Principal and subordinate)**: Quartz, chalcedony; opal, calcite, dolomite, barite. Strong silicification with quartz, chalcedony and opal in crustified, banded veins, sheeted veins and stockworks is characteristic in ores. Silica in some deposits contains abundant hydrocarbons that impart a characteristic brownish colour to the quartz.

**ALTERATION MINERALOGY (Principal and subordinate)**: Multiple episodes of silicification to form veins and stockworks, and pervasive silicified hostrocks adjacent to them, is typical. Country rocks containing the silicified zones have argillic and, less commonly, advanced argillic assemblages with quartz-kaolinite and rarely alunite. They are flanked, or underlain, by propylitic rocks with chlorite, Fe oxides, zeolites and minor adularia. Selenite, alunite and other sulphate minerals and native sulphur can be abundant locally near surface.

**ORE CONTROLS**: A key element at the McLaughlin deposit was the superposition of multiple generations of auriferous veinlets each carrying a small amount of gold (Lehrman, 1986).

**GENETIC MODEL**: Hydrothermal breccias and multiple generations of veins with calcite replacement by silica attest to boiling of hydrothermal fluids as an important ore-depositing mechanism. The boiling levels are related to the paleosurface and commonly have a surficial expression as active or paleohotsprings. The deeper hydrothermal fluid systems, generally within 500 meters of surface (paleosurface for older deposits), can be developed along active, regional high-angle faults and other volcanic and subvolcanic intrusion-related structures. The structures commonly cut or flank domes in flow-dome complexes.

**COMMENTS**: Many deposits currently being exploited throughout the world have grades between 1 and 2 g/t Au and range from a few to tens of millions of tonnes in size. They are viable generally because the rocks are commonly strongly oxidized and the gold can be recovered by heap leaching methods. The siliceous sinters formed at or very near to the surface rarely contain economic mineralization. These deposits have a greater depth extent then hotspring mercury deposits. In their deeper parts they may grade into precious metal bearing and base metal epithermal veins.

**EXPLORATION GUIDES / GEOCHEMICAL SIGNATURE**: Au, Sb, As, Hg, Tl near surface, increasing Ag, Ba at depth; locally Ni, B, Li and W. The Ag/Au ratio varies from 1:1 at surface to 30:1 at a depth of a few

Longacre 43-101 dated may 30, 2012

hundred metres. Mineralized rocks can be strongly leached at surface. Notably absent are: Se, Te, F, Mo, Sn and Mn. Base metal content is relatively low, for example, common amounts are Cu <60 ppm, Pb <5 ppm and Zn <450 ppm.

**ECONOMIC FACTORS / TYPICAL GRADE AND TONNAGE**: Mineralization tends to be low grade. Economically attractive bulk-mineable deposits contain >10 Mt of 1 to 2 g/t Au, or greater. High-grade veins and stockworks within the larger mineralized zones can be exploited by underground methods. Reserves for Cinola deposit in BC are about 31 Mt with 2.19 g/t Au; the deposit has a feeder zone at depth that contains material containing in excess of 100 g/t Au.

Additional exploration work is warranted on the Christa – Aura Property to determine the extent of the Aura Breccia and to determine if there are parallel mineralized zones present within the claim area.

#### **Item 9: Exploration**

During August and September of 2011 Longacre Resources carried out an exploration program designed to confirm the results reported by Noranda and determine if additional exploration work is warranted. The historic Noranda exploration data was entered into a GIS database and a high resolution topographic model was constructed to provide base mapping for field operations. Detailed, systematic rock sampling was carried out to verify the grade distribution reported by Noranda from the exposed mineralized breccia zone. Soil geochemical surveys were completed to assess the potential for strike extensions of the zone and a 3D IP survey was completed to determine if the observed mineralized zone has a distinctive chargeability response and to assess potential depth extensions of the observed mineralization. Historic and 2011 soil sample locations are shown in Figure 5 and 6. Rock sample locations are shown in Figure 7 and Figure 8. ALS Chemex Assay certificates and results for the soil and rock samples collected in 2011 are included as Appendix 2. Historic assay results based on the work completed by Noranda and Clifton Resources are included as Appendix 3. The complete text and figures from the SJ Geophysics 3DIP Survey are available as Appendix 4. The detailed topographic and elevation mapping completed by Dudley Thompson Mapping is available as Appendix 5.

Results of the exploration work completed by Longacre Resources are encouraging. Assay results of the systematic rock sampling program completed at the Aura Breccia returned grades ranging from 0.100 g/t gold to 1.925 g/t gold and have confirmed that the exposed breccia zone is consistently mineralized (as reported by Noranda). Soil geochemical surveys confirmed there are potential extensions of the zone along strike and the 3DIP survey has confirmed there is a distinctive chargeability response associated with the known mineralization. More importantly the geophysical survey has partially defined a much larger response below the exposed mineralized zone that exhibits the same chargeability response as the observed mineralization.

SJ Geophysics provided the following summary of the 3DIP survey and results. In summary, the 3DIP survey succeeded at resolving interesting resistivity and chargeability anomalies in the subsurface.

Longacre 43-101 dated may 30, 2012

Importantly, a small near-surface area of anomalously high chargeability was identified which matches the location of a mineralized outcrop mapped at the surface. A much larger zone of high chargeability was identified at depth; if this is similarly mineralized, it could be a worthy drilling target.

The Aura Project 3DIP survey consisted of five lines (two receiver lines and three transmitter lines) in a 600 m x 200 m grid elongate to the northwest. The grid extends from a mountain summit at the northwest end and slopes down the mountainside to the southeast. Previous geological field mapping by the client identified a mineralized zone near the centre of the 3DIP grid (Figure 9). The results of the 3DIP survey are consistent with the geologic mapping in that a zone of anomalously high chargeability (~15 ms) in the shallow subsurface matches the mineralized zone mapped at the surface. This near-surface chargeability anomaly is relatively small in size (~50 m x ~25 m) and extends to only ~35 m beneath the surface before dissipating.

Geophysical features across the rest of the grid and at greater depths include additional interesting zones of anomalous resistivity and chargeability (Figure 10). The near-surface, northwest end of the grid is characterized by low resistivity (<400 ohm-m) and low chargeability (<4 ms) values. With the exception of the near-surface chargeability anomaly mentioned previously, the shallow south eastern parts of the grid are mostly characterized by moderate resistivity (200 to 1100 ohm-m) and moderate chargeability (4 to 11 ms) values. The deeper portions of the grid are characterized by higher resistivity (1100 to >3000 ohm-m) and chargeability (9 to >15 ms) values. We hypothesize that the shallow areas with both low/moderate resistivity and low/moderate chargeability (above the dashed lines in Figure 10) may represent Coquihalla Volcanic Complex rocks while the deeper zones with higher resistivity/chargeability may represent crystalline basement rocks (e.g. Cretaceous Eagle Peak plutonic complex rocks) The dashed lines in Figure 2 show two inferred lithologic contacts that separate rock units with differing physical properties. Based on our limited information, we hypothesize that this contact could be the unconformable boundary between the volcanic and plutonic rocks in this area.

Perhaps the most interesting anomaly identified in this survey is a deep chargeability high centred at about 100 m below the surface on the northwest side of the grid (Figures 10). This anomaly is of similar magnitude to the near-surface chargeability high (up to 15 ms) but it is much larger in size (length and width each >100 m). This deep chargeability high also extends off of the northeast side of the grid, so the full spatial extent of this anomaly is not yet known. The geophysical inversion results suggest that the deep chargeability high is not connected to the near-surface chargeability high. In the event that the deep chargeability high is mineralized it may be a worthy target for drilling.

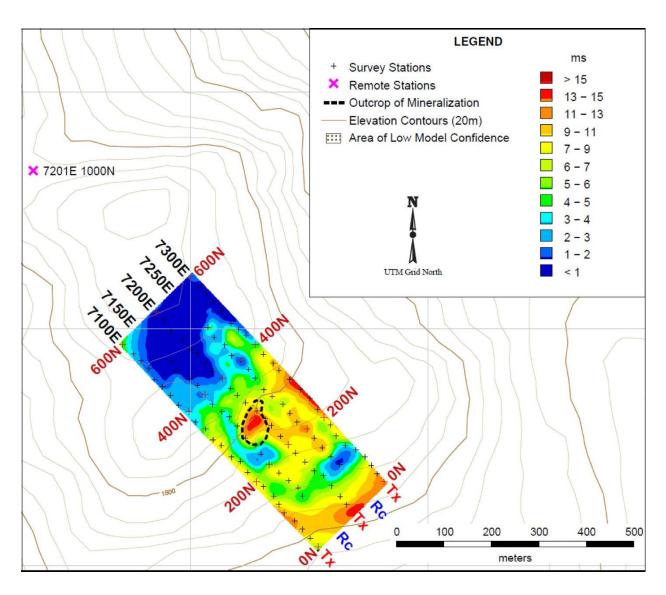


Figure 9: Map view of the geophysical grid at the Aura project showing the interpreted chargeability at a depth of only 15 m below topography. The near-surface chargeability high (red body near centre of grid) corresponds well with the mineralized outcrop mapped at the surface (black dashed line).

The technical data for the 3D IP survey is listed as follows in Appendix 4 and is available on request.

Appendix 4.1: SJ Geophysics, Interpretation Memorandum on the 3DIP Survey for the Aura Project

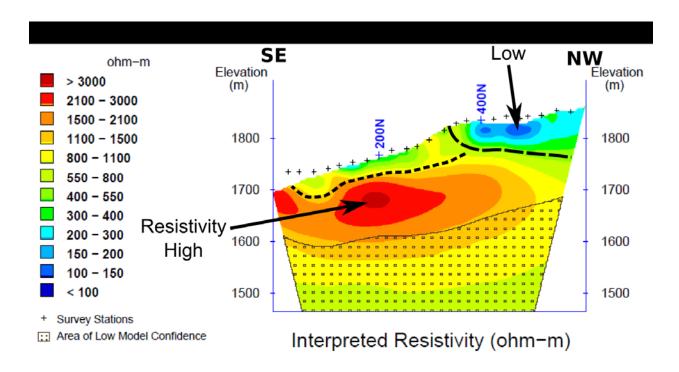
Appendix 4.2: SJ Geophysics, Logistics Report

Appendix 4.3: SJ Geophysics, 3D Sections

Appendix 4.4: SJ Geophysics, Plan Maps Chargeability

Appendix 4.5: SJ Geophysics, Plan Map Resistivity

Longacre 43-101 dated may 30, 2012



# Cross-sections along Line 7200E

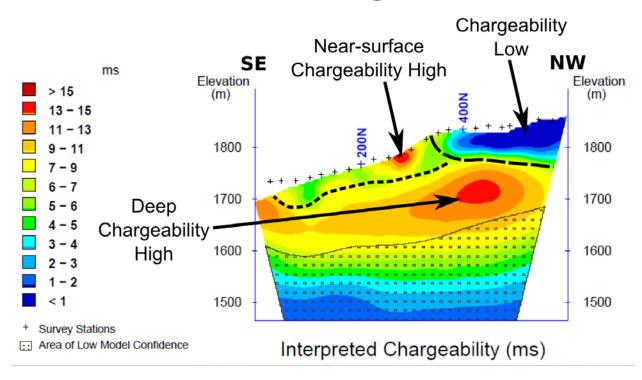


Figure 10: Cross-sections along survey line 7200E for resistivity (top panel) and chargeability (bottom panel). View looking to the southwest. Regions of anomalously high and low resistivity/chargeability are identified. The locations of inferred lithologic contacts are shown as dashed lines.

#### Item 10: Drilling

No diamond drilling was carried out by Longacre Resources on the Property. According to published historic technical reports no previous operators have completed any drilling within the current Property.

#### Item 11: Sample preparation, Analysis and Security

As noted in the Exploration section of this Report, Longacre Resources completed detailed, systematic rock sampling to verify the grade distribution reported by Noranda from the exposed mineralized breccia zone. Soil geochemical surveys were completed to assess the potential for strike extensions of the zone and to verify the grid soil survey results reported by Noranda.

All rock samples were numbered and sealed in plastic bags. Soil samples were placed in standard Kraft sample bags and sealed for shipment to ALS Chemex in North Vancouver, B.C.. Samples were transported by helicopter to Hope BC and the Author personally transported all soil and rock samples to the ALS Chemex facility in North Vancouver. Rock samples were pulverized to -100 mesh and the -80 micrometer mesh sieved fraction of the soil samples was dissolved in an aqua regia solution (3:1 mixture of hydrochloric and nitric acid) and analyzed for the series of 35 elements listed in the ALS Chemex assay reports. Gold was analyzed using a 10g sample split and conventional AA analysis techniques. Based on the fact that the sampling program was designed to verify and follow up previous exploration work completed by Noranda in 1989 no additional QA and QC procedures were implemented as part of the program.

The elements analyzed for and the detection limits are listed in the assay reports. ALS Chemex employs standard QA and QC protocols on all sample analyses including inserting one blank, reference standard and duplicate analysis in every twenty samples analyzed. No additional QA and QC procedures were implemented as part of the program. Sample Certificates from the 2011 exploration program are included in Appendix 2. In the author's opinion, the sample security employed by the field personnel involved in the sample collection and the sample preparation and analytical procedures employed by ALS Chemex are adequate for the exploration program to be carried out by Longacres Resources on the Property.

#### Item 12: Data Verification

The soil and rock samples reported by Noranda as part of the 1989 and 1990 exploration programs were collected using conventional sampling tools. Rock sampling was completed using hammer and chisel to obtain representative 1.5 meter channel samples across the exposed mineralized breccia zone. Soil sampling was completed along 50 to 100 meter spaced northwest oriented traverse lines that crossed the known mineralized zone and extended for approximately 500 meters along strike to the northeast and to the southwest.

According to Noranda samples were processed and analyzed at ACME Analytical Laboratories Ltd. in Vancouver. Rock specimens were pulverized to -120 mesh (0.13 mm). Sediments and soils were dried at approximately 80°C and sieved with a 80 mesh nylon screen. The -80 mesh (0.18 mm) fraction is used for geochemical analysis. All samples were analyzed for a suite of trace elements by ICP and for gold by conventional AA techniques.

The Author personally supervised the rock sampling and soil sampling programs completed by Longacre. The objective of the rock sampling program carried out by the Author was to verify the results reported by Noranda in 1989.

Rock sample results and soil sample results from the 2011 sampling program and the Noranda programs are reported in Appendix 2 and 3. All results reported by ALS Chemex are consistent with the results reported by ACME Analytical Laboratories Ltd. Results for both soil and rock samples are consistent with the results reported by Noranda and it is concluded that the results reported by Noranda are accurate.

#### Item 13: Mineral Processing and Metallurgical Testing

No mineral processing or metallurgical testing has been carried out on samples from the Property.

#### **Item 14: Mineral Resource and Mineral Reserve Estimates**

No defined body of potentially commercial mineralization has been identified to date on the Property and therefore no resource or mineral reserve estimate has been completed.

# Item 15 -22: Advanced Property Disclosure

(NOT REQUIRED)

#### **ITEM 23: Adjacent Properties**

There are no significant adjoining properties that are geologically relevant to the Property.

Huldra Silver Inc. is currently developing a high grade vein type silver deposit (referred to as the Treasure Mountain Project) located approximately 10 kilometers south of the Christa – Aura Property. Access to the Huldra silver project is via an existing logging road that traverses the Tulameen River located approximately 5 kilometers to the east of the Property as described in Item 5.

#### Item 24: Other Relevant Data and Information

There is no other relevant data or information available for the Property. There is no additional information or explanation necessary to make the technical report understandable and not misleading.

#### **Item 25: Interpretation and Conclusions**

Previous exploration work by Noranda in the late 1980's identified an outcropping, gold bearing, silicified, breccia zone interpreted as a high level epithermal type occurrence (referred to as the Aura Breccia). Preliminary sampling by Noranda in 1990 indicated that the breccia zone was consistently mineralized and returned gold values ranging from 0.100 to 1.500 g/t gold. According to Noranda 63 continuous 1.5 meter samples returned an average grade of 0.503 g/t gold.

During August and September of 2011, Longacre Resources carried out an exploration program designed to confirm the results reported by Noranda and determine if additional exploration work is warranted. The historic Noranda exploration data was entered into a GIS database and a high resolution topographic model was constructed to provide base mapping for field operations. Detailed, systematic rock sampling was carried out to verify the grade distribution reported by Noranda from the exposed mineralized breccia zone. Soil geochemical surveys were completed to assess the potential for strike extensions of the zone and a 3D IP survey was completed to determine if the observed mineralized zone has a distinctive chargeability response and to assess potential depth extensions of the observed mineralization.

Results of the exploration work completed by Longacre Resources are encouraging. Assay results of the systematic rock sampling program returned grades ranging from 0.100 g/t gold to 1.925 g/t gold and have confirmed that the exposed breccia zone is consistently mineralized. Soil geochemical surveys confirmed there are potential extensions of the zone along strike and the 3DIP survey has confirmed there is a distinctive chargeability response associated with the known mineralization. More importantly the geophysical survey has partially defined a much larger response below the exposed mineralized zone that exhibits the same chargeability response as the observed mineralization. According to SJ Geophysics the geophysical anomaly identified at depth appears to be much larger than the response associated the observed mineralization is open along strike to the north northeast.

Based on the Author's review of the historic technical data and the results of the exploration work completed by Longacre Resources, the Property is considered a promising, early stage epithermal type gold prospect. In the Author's opinion, the Property is of sufficient merit to warrant additional exploration.

#### **Item 26: Recommendations**

Mapping, rock sampling, soil geochemical surveys and geophysical surveys completed by Noranda and by Longacre have confirmed the presence of a significant mineralized zone (Aura Breccia) and found several smaller outcrops of similar quartz breccia, both to the southwest and northeast along strike, as well as higher in elevation. All of these have similar strikes and dips, suggesting a series of stacked subparallel silicified breccia zones with a possible strike length of 335 meters. Figure 5 shows the location of the geochemical and geophysical (IP) survey grids and the location of the mineralized zone referred to as the Aura Breccia.

It is recommended that the next stage of exploration work (Stage 1) at the Christa - Aura Property consist of additional detailed geological mapping and soil sampling to assess potential strike extensions of the Aura Breccia Zone and to determine if there are parallel mineralized zones present within the claim area. This stage of exploration should include detailed structural modeling and 3D geological modeling to ensure that all potential target areas (including areas covered by shallow thicknesses of Tertiary volcanic rocks) within the Property are identified. In the event that significant extensions of the known mineralized zone or parallel targets are identified within the claim area a follow-up program (Stage 2) of 3DIP surveys would be warranted.

The total estimated cost of the proposed Stage 1 program is \$215,000. Assuming a minimum of three high priority target areas are identified in Stage 1 the estimated cost of Stage 2 geophysical surveys and follow-up drill testing would be \$440,000.

# <u>Proposed Stage 1 Exploration Program</u>

Engineering and project supervision, reports	\$ 17,500	)
Field costs, vehicle rentals, helicopter charter	37,500	)
Field personnel (4 man crew) reconnaissance soil surveys geological mapping (allow 30 days @ \$2,500 incl.) -allowance for mapping and sample collection (1,000 samples) -soil and rock sample assays	75,000 35,000	
Crew accommodation and camp expense	25,000	)
Contingency	25,000	)
Total estimated cost of Stage 1	\$215,000	)

#### Proposed Stage 2 Exploration Program

Engineering, permitting and project supervision, reports \$ 25,000

Field costs, vehicle rentals, helicopter charter	75,000
Geological mapping, supervision of trenching program -collection of fill-in soil samples as required	50,000
Geophysical surveys – allow minimum 2 grid areas incl.	100,000
Diamond drill testing – allow minimum 500 meter program	150,000
Contingency @ 10%	40,000
Total estimated cost of Stage 2	\$440,000

#### **Item 27: REFERENCES**

B.C. Department of Mines Annual reports (and successor publications): 1914 pp K232 – K233, 1937 pp D-21 – D22, 1966 p. 174

Berman, R.G., and Armstrong, R.L., 1980: Geology of the Coquihalla Volcanic complex, Southwestern British Columbia, Can. Journal of Earth Sciences 17, pp 985-995.

Erdman, L.R., 1990: Assessment Report – Geological, Geochemical and Geophysical Surveys on the Coquihalla Group of Claims, Claim Group, Noranda Exploration Company Limited. ARIS Report No.16931

Erdman, L.R., 1990: Assessment Report – Geological, Geochemical and Geophysical Surveys on the Coquihalla Group of Claims, Claim Group, Noranda Exploration Company Limited. ARIS Report No.20488

Gourlay, A.W., 1986: Coquihalla Project – Geochemical Soil sampling for Clifton Resources Ltd., Minequest Explorations Associates Ltd., ARIS Report No.14362

Greig, C.J., 1988: Geology and Geochronology of the Eagle Plutonic Complex, Hope Map Area, in Current Research, Part E, Geological Survey of Canada Paper 88-11E, pp 177-183.

Lambert, M.B., The Bennett Lake Cauldron Subsidence Complex, British Columbia and Yukon Territory, Geological Survey of Canada Bulletin 227, p 213.

Longe, R.V., 1982: Coquihalla Project -Geochemical Soil sampling for Clifton Resources Ltd., Minequest Explorations Associates Ltd., ARIS Report No.10868Panteleyev, (1996): Hot-spring Au-Ag, in Selected British Columbia Mineral Deposit Profiles, Volume 2 - Metallic Deposits, Lefebure, D.V. and Hőy,T., Editors, British Columbia Ministry of Employment and Investment, Open File 1996-13, pages 33-36.

#### **DATE AND SIGNATURE PAGE**

#### CERTIFICATE OF QUALIFIED PERSON, CARL A. VON EINSIEDEL

I, Carl A. von Einsiedel, PGeo. hereby certify that:

- 1) I am an independent consulting geologist with a business address at #3206-610 Granville St., Vancouver, British Columbia V6C-3T3.
- 2) I am a graduate of Carleton University, Ottawa, Ontario (1989) with a B.Sc. in Geology.
- I am a registered Professional Geologist in good standing with the Association of Professional Engineers and Geoscientists of British Columbia (APEGBC License no. 21474).
- I have worked as a geologist for a total of 25 years since graduation from university. I have work experience in most parts of Canada, as well as the United States and Mexico. I have both epithermal and intrusión related gold deposit exploration experience in Mexico, British Columbia and the Yukon.
- I have read the definition of "qualified person" set out in National Instrument 43-101 ("NI 43-101") and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfill the requirement to be a "qualified person" for the purposes of NI 43-101.
- 6) I am responsible for all sections of the technical report titled "43-101 REVIEW OF TECHNICAL INFORMATION AND PROPOSED EXPLORATION PROGRAM FOR THE CHRISTA AURA PROPERTY" prepared for Longacre Resources Inc. dated May 30, 2012 (the "Technical Report") relating to the Property. I visited the Property several times during August and September 2011.
- 7) I have not had prior involvement with the Property that is the subject of the Technical Report.
- 8) I am not aware of any material fact or material change with respect to the subject matter of the Technical Report that is not reflected in the Technical Report, the omission to disclose which makes the Technical Report misleading.
- 9) I am fully independent of Longacre Resources Inc. in applying all of the tests in section 1.5 of National Instrument 43-101.
- 10) I have read National Instrument 43-101 and Form 43-101F1, and the Technical Report has been prepared in compliance with that instrument and form.
- 11) I consent to the public filing of the Technical Report with the British Columbia Securities Commission, and the Alberta Securities Commission, any stock exchange and any other regulatory authority and any publication by them for regulatory purposes, including SEDAR filings and electronic publication in the public company files on their websites accessible by the public, of the Technical Report and to extracts from, or a summary of, he Technical Report in the written disclosure being filed, by Longacres Resources Inc., in public information documents so being filed including any offering memorandum, preliminary prospectus and final prospectus

provided that I am given the opportunity to read the written disclosure being filed and that it fairly and accurately represents the information in the Technical Report that supports the disclosure.

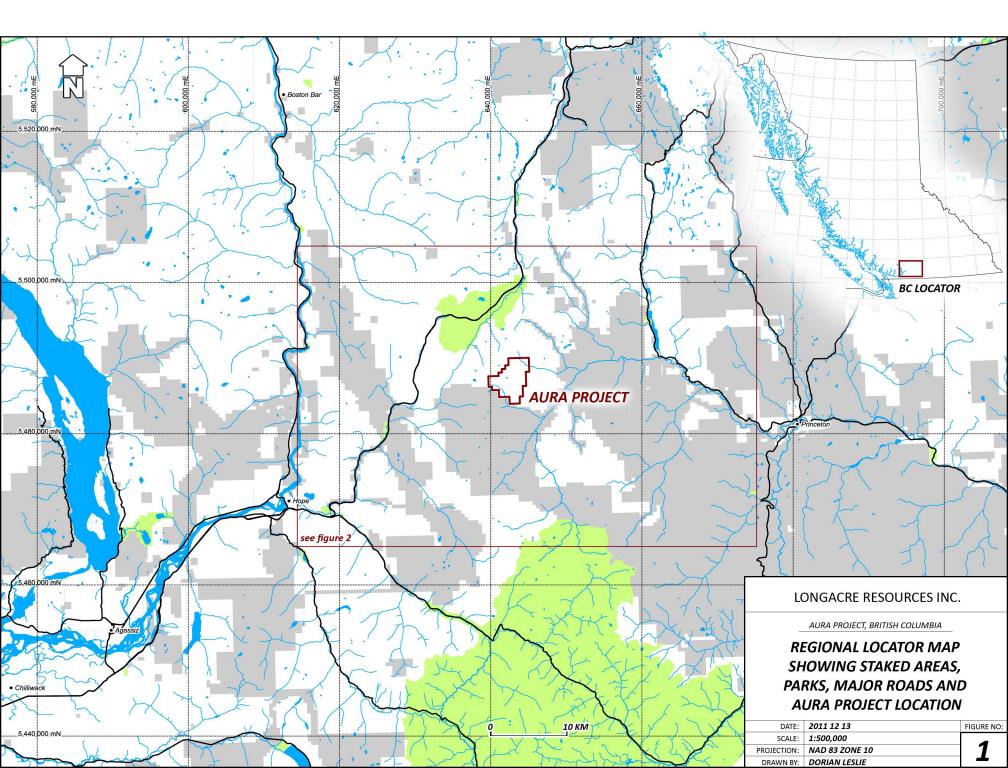
12) As of the date of this Certificate, to the best of my knowledge, information and belief, the Technical Report contains all scientific and technical information that is required to be disclosed to make the Technical Report not misleading.

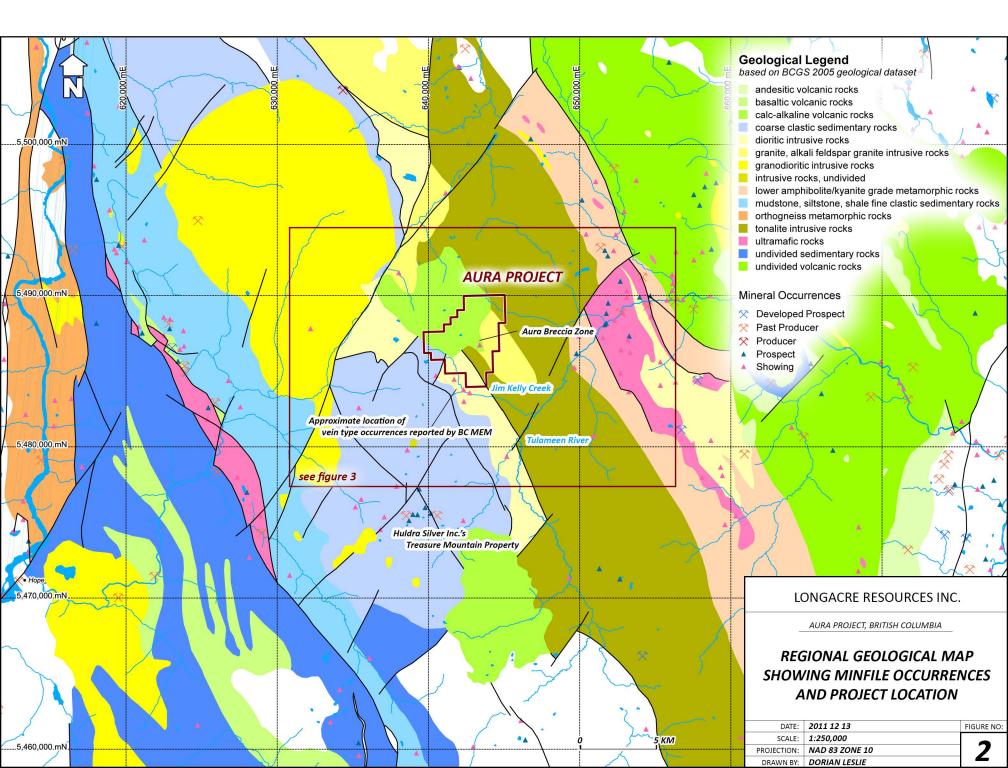
C. A. Von Einsiedel

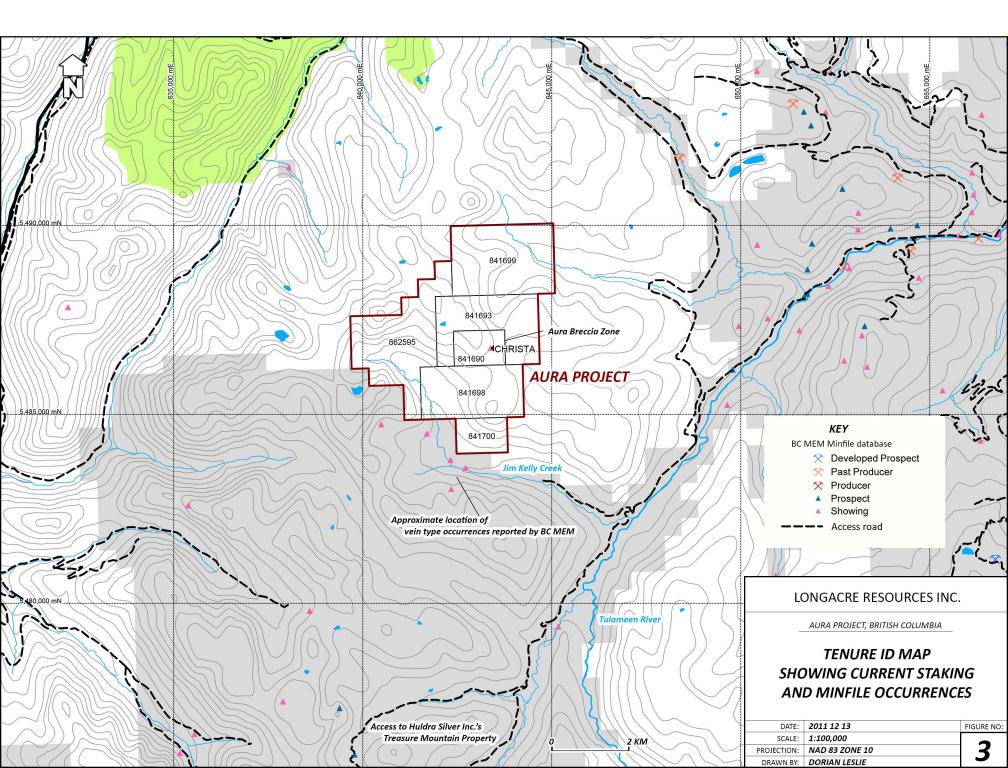
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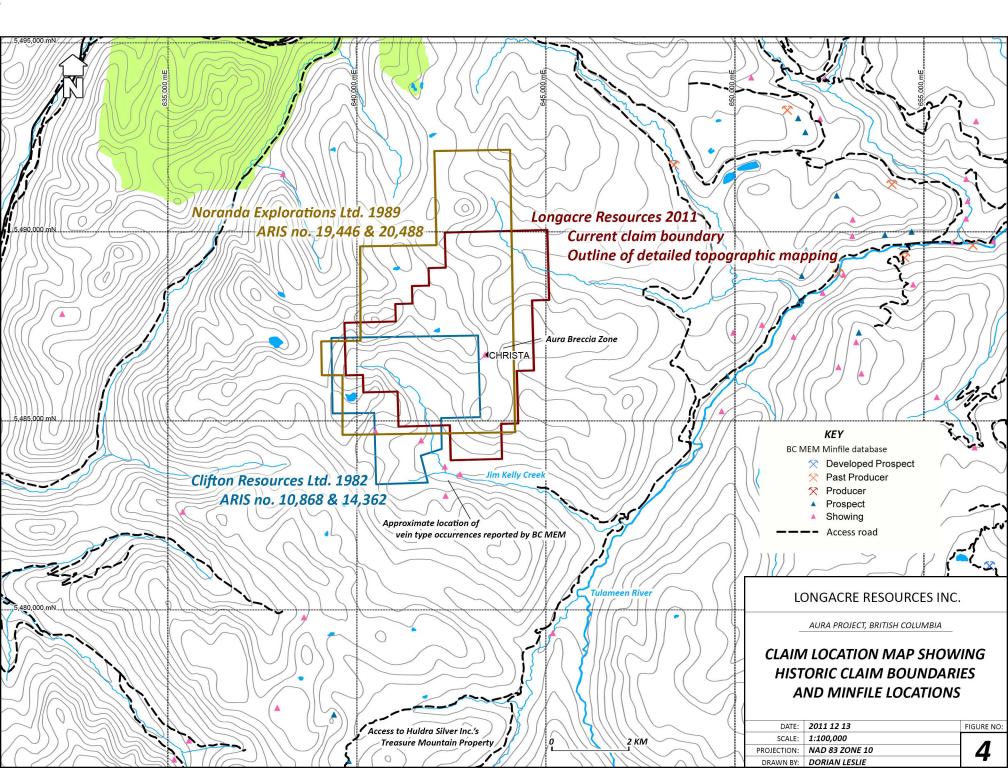


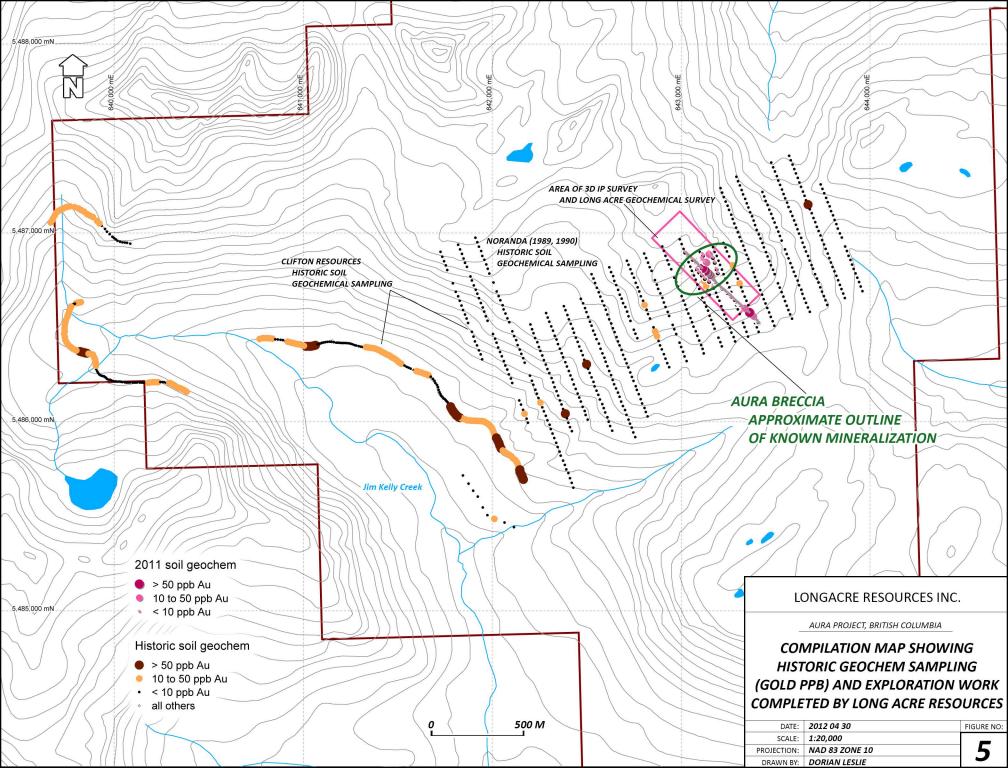
Dated at Vancouver, B.C. this 30<sup>th</sup> day of May, 2012

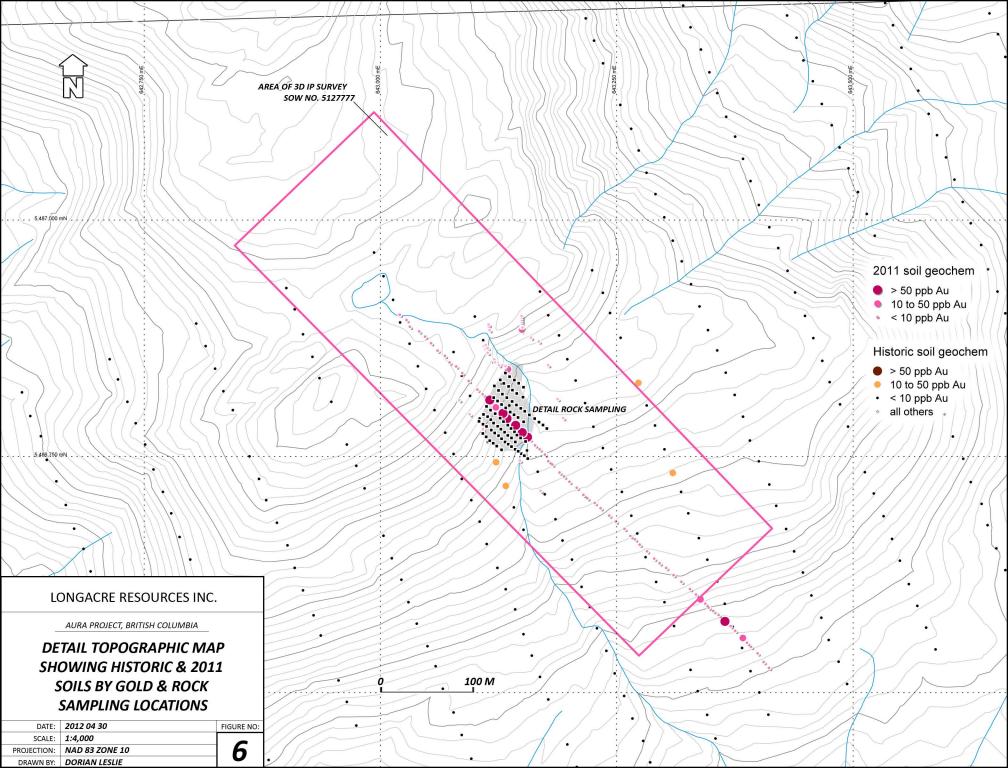


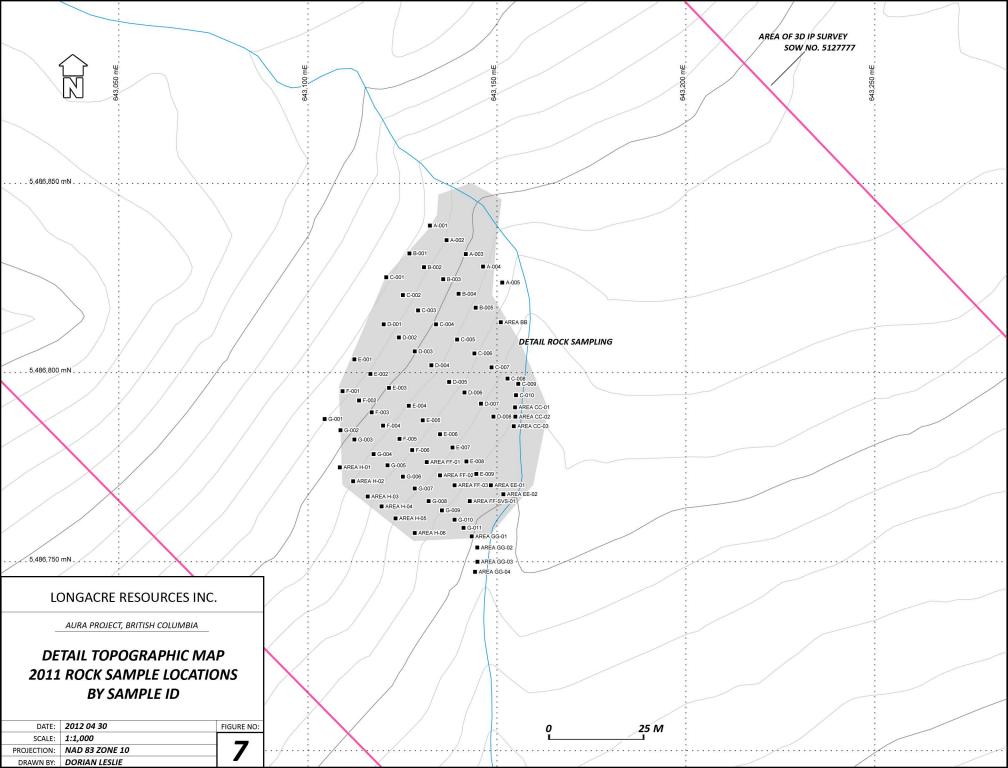


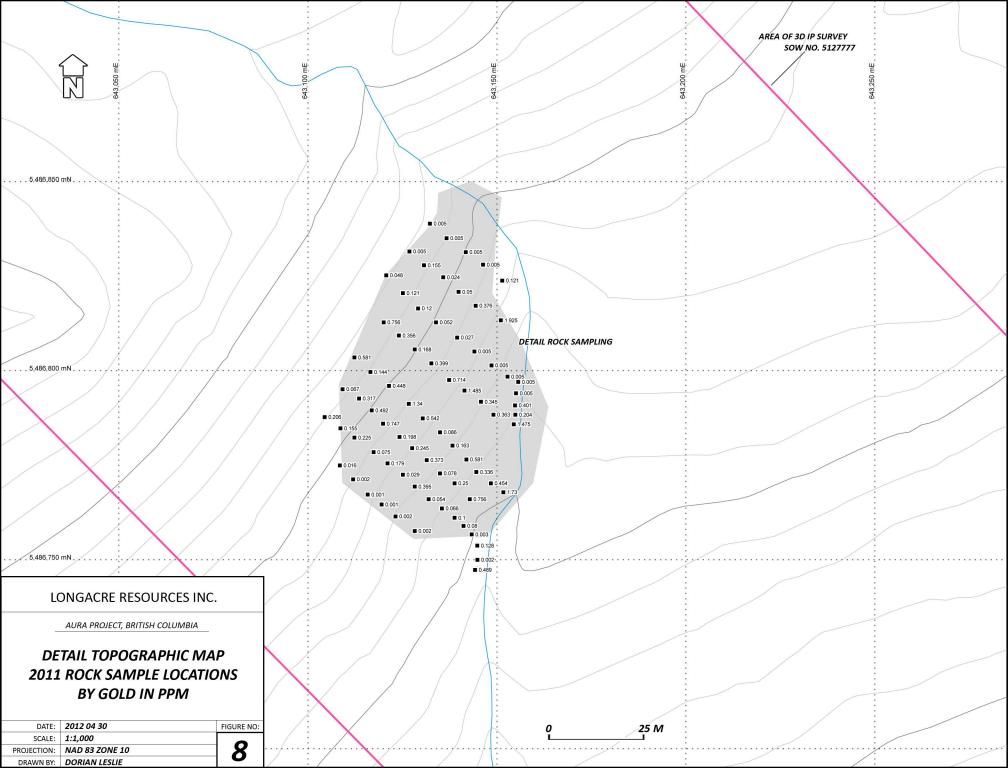












# APPENDIX 2: 2011 SOIL AND ROCK SAMPLE ASSAY

## Appendix 2.1: 2011 Soil and Rock Geochemistry Certificates val1191811



Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: RAM EXPLORATION LTD. 8888 SHOOK ROAD MISSION BC V2V 7N1 Page: 1 Finalized Date: 31- OCT- 2011 Account: PJA

# CERTIFICATE VA11191811

Project: Christa

P.O. No.:

This report is for 54 Rock samples submitted to our lab in Vancouver, BC, Canada on 20-SEP-2011.

The following have access to data associated with this certificate:

	SAMPLE PREPARATION	
ALS CODE	DESCRIPTION	
WEI- 21	Received Sample Weight	
LOG- 22	Sample login - Rcd w/o BarCode	
CRU- QC	Crushing QC Test	
PUL- QC	Pulverizing QC Test	
CRU- 31	Fine crushing - 70% < 2mm	
SPL- 21	Split sample - riffle splitter	
PUL- 31	Pulverize split to 85% < 75 um	
LOG- 24	Pulp Login - Rcd w/o Barcode	

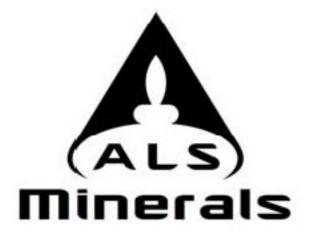
	ANALYTICAL PROCEDURI	ES
ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Au- AA23	Au 30g FA- AA finish	AAS

To: RAM EXPLORATION LTD.
ATTN: CARL VON EINSIEDEL
8888 SHOOK ROAD
MISSION BC V2V 7N1

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

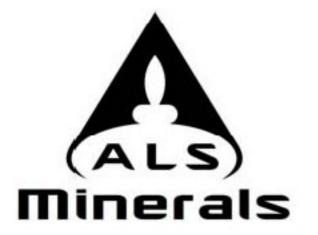
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.



To: RAM EXPLORATION LTD. 8888 SHOOK ROAD MISSION BC V2V 7N1 Page: 2 - A Total # Pages: 3 (A - C) Finalized Date: 31- OCT- 2011

Account: PJA

IIIInera	15								C	ERTIFIC	CATE O	F ANAL	YSIS	VA111	91811	
Sample Description	Method	WEI- 21	Au- AA23	ME-ICP41	ME- ICP41	ME- ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME- ICP41	ME- ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
A- 001		0.78	<0.005	<0.2	0.31	3	<10	210	<0.5	<2	0.22	<0.5	2	4	4	1.39
A- 002		0.98	<0.005	<0.2	0.54	5	<10	170	<0.5	<2	0.10	<0.5	4	3	13	2.19
A- 003		0.76	<0.005	<0.2	0.45	2	<10	200	<0.5	<2	0.07	<0.5	3	2	4	2.12
A- 004		0.66	<0.005	<0.2	0.47	2	<10	510	<0.5	<2	0.39	0.6	5	2	16	3.33
A- 005		0.22	0.121	1.5	0.23	4	<10	160	<0.5	<2	0.01	<0.5	2	8	4	1.08
B- 001 B- 002 B- 003 B- 004 B- 005		0.72 0.90 0.84 0.72 0.78	0.005 0.155 0.024 0.050 0.376	0.2 2.3 0.2 0.9 2.5	0.33 0.23 0.60 0.32 0.27	11 4 4 4 6	<10 <10 <10 <10 <10	480 330 240 320 150	<0.5 <0.5 0.5 <0.5 <0.5	<2 <2 <2 <2 <2	2.56 0.02 0.02 0.02 0.01	<0.5 <0.5 <0.5 <0.5 <0.5	2 1 3 2	2 6 2 4 4	8 7 13 15	1.66 0.72 2.06 0.85 0.78
C- 001		1.46	0.048	1.4	0.09	5	<10	740	<0.5	2	0.01	<0.5	1	19	2	0.71
C- 002		1.72	0.121	1.7	0.06	2	<10	390	<0.5	2	0.01	<0.5	1	27	1	0.47
C- 003		1.02	0.120	1.5	0.11	11	<10	160	<0.5	2	0.01	<0.5	1	18	9	0.94
C- 004		1.04	0.052	1.4	0.40	3	<10	350	<0.5	<2	1.29	<0.5	4	7	3	2.25
C- 005		0.84	0.027	1.4	0.18	9	<10	1130	<0.5	2	0.02	<0.5	1	8	2	0.69
C- 006		1.08	0.005	0.2	0.49	<2	<10	530	<0.5	<2	0.33	<0.5	3	3	7	1.69
C- 007		0.66	<0.005	<0.2	0.45	3	<10	280	<0.5	<2	0.85	<0.5	2	3	6	1.98
C- 008		0.90	<0.005	<0.2	0.48	3	<10	220	<0.5	<2	1.56	<0.5	2	2	8	1.81
C- 009		0.58	<0.005	<0.2	0.42	3	<10	110	<0.5	<2	0.11	<0.5	2	3	6	1.35
C- 010		0.50	<0.005	<0.2	0.50	2	<10	200	<0.5	<2	0.32	<0.5	3	3	6	1.96
D- 001 D- 002 D- 003 D- 004 D- 005		1.60 1.06 1.12 1.14 0.84	0.756 0.356 0.168 0.399 0.714	9.9 4.1 2.3 4.2 19.7	0.14 0.16 0.12 0.11 0.15	14 18 2 6 21	<10 <10 <10 <10 <10	2010 1500 220 1570 2630	<0.5 <0.5 <0.5 <0.5 <0.5	<2 2 <2 <2 2	0.02 0.02 0.02 0.01 0.02	<0.5 <0.5 <0.5 <0.5 <0.5	<1 <1 1 <1	11 8 15 9 8	4 5 2 1 3	0.60 0.62 0.53 0.44 1.27
D- 006		1.14	1.485	16.8	0.10	17	<10	1330	<0.5	3	0.01	<0.5	1	7	2	0.68
D- 007		1.12	0.345	6.0	0.13	8	<10	1530	<0.5	4	0.01	0.7	1	13	4	0.65
D- 008		0.86	0.363	3.8	0.15	6	<10	990	<0.5	2	0.02	<0.5	1	11	2	0.69
E- 001		1.24	0.581	10.5	0.15	11	<10	2200	<0.5	2	0.02	6.3	1	14	20	0.86
E- 002		0.42	0.144	4.5	0.11	<2	<10	1720	<0.5	<2	0.01	<0.5	<1	22	9	0.36
E- 003 E- 004 E- 005 E- 006 E- 007		0.86 0.82 0.92 0.74 0.52	0.448 1.340 0.542 0.086 0.163	6.9 6.5 5.7 2.5 2.7	0.10 0.11 0.11 0.10 0.11	5 9 5 6 14	<10 <10 <10 <10 <10	1170 260 1160 410 230	<0.5 <0.5 <0.5 <0.5 <0.5	4 <2 <2 <2 <2 3	0.01 0.01 0.01 <0.01 0.01	<0.5 <0.5 <0.5 <0.5 <0.5	1 1 <1 <1 <1	11 11 12 14 6	16 37 17 12 45	0.63 0.82 0.47 0.34 0.54
E- 008 E- 009 F- 001 F- 002 F- 003		1.16 0.74 1.20 1.30 0.80	0.581 0.336 0.067 0.317 0.492	9.0 6.0 1.1 4.8 6.3	0.09 0.09 0.14 0.11 0.10	14 17 3 8 8	<10 <10 <10 <10 <10	680 660 780 670 700	<0.5 <0.5 <0.5 <0.5 <0.5	2 3 <2 3 2	0.01 0.01 0.02 0.01 0.01	1.9 1.4 <0.5 <0.5 <0.5	1 <1 <1 <1	13 7 16 15 9	31 32 3 20 11	0.43 0.44 0.61 0.51 0.47



To: RAM EXPLORATION LTD. 8888 SHOOK ROAD MISSION BC V2V 7N1 Page: 2 - B Total # Pages: 3 (A - C) Finalized Date: 31- OCT- 2011

Account: PJA

IIIInera	12								CI	ERTIFIC	CATE O	F ANAL	YSIS	VA111	91811	
Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
A- 001 A- 002 A- 003 A- 004 A- 005		<10 <10 <10 <10 <10	<1 <1 <1 <1 <1	0.10 0.18 0.17 0.17 0.09	10 <10 10 <10 <10	0.03 0.02 0.03 0.06 0.01	593 880 813 1310 410	<1 <1 <1 <1	0.10 0.09 0.06 0.06 0.04	<1 1 <1 1	210 420 370 290 100	5 6 3 19	0.01 <0.01 <0.01 0.04 <0.01	<2 <2 <2 <2 <2	3 8 8 6	15 11 12 18 6
B- 001 B- 002 B- 003 B- 004 B- 005		<10 <10 <10 <10 <10	<1 <1 <1 <1 <1	0.13 0.15 0.19 0.18 0.17	10 <10 <10 <10 <10	0.44 0.01 0.02 0.02 0.02	744 136 772 164 83	<1 1 1 2	0.04 0.03 0.04 0.03 <0.01	1 <1 1 <1 <1	440 110 160 100 160	7 42 20 8 17	0.08 0.02 <0.01 0.04 0.01	<2 <2 <2 <2 2 2	3 <1 3 1	60 25 20 13
C- 001 C- 002 C- 003 C- 004 C- 005		<10 <10 <10 <10 <10	<1 <1 <1 <1 <1	0.05 0.03 0.07 0.21 0.12	<10 <10 <10 <10 <10	0.01 <0.01 0.02 0.19 0.01	69 55 48 687 45	3 1 9 1 3	0.03 0.02 0.02 0.07 0.03	1 1 8 1 <1	40 20 110 320 20	27 14 67 17 42	0.03 0.01 0.01 0.01 0.05	<2 <2 <2 <2 <2 <2	<1 <1 <1 7 <1	31 10 11 56 16
C- 006 C- 007 C- 008 C- 009 C- 010		<10 <10 <10 <10 <10	<1 <1 <1 <1	0.18 0.18 0.20 0.16 0.18	10 <10 <10 <10	0.03 0.15 0.32 0.02 0.06	870 801 896 461 713	<1 <1 <1 <1	0.09 0.07 0.09 0.08 0.07	<1 <1 <1 <1	420 590 360 380 450	5 6 6 18 5	0.03 0.01 0.03 <0.01 <0.01	<2 <2 <2 <2 <2	5 7 6 3 6	22 49 85 13 24
D- 001 D- 002 D- 003 D- 004 D- 005		<10 <10 <10 <10 <10	<1 <1 <1 <1 <1	0.08 0.09 0.06 0.07 0.09	<10 <10 <10 <10 <10	0.01 0.02 0.01 0.01 0.01	47 53 67 69 79	3 5 1 2 9	<0.01 0.03 0.03 0.03 0.04	2 <1 1 <1 <1	30 30 50 30 80	52 39 12 18 86	0.06 0.06 0.01 0.04 0.10	<2 2 <2 <2 <2	<1 <1 <1 <1 <1	10 12 8 17 19
D- 006 D- 007 D- 008 E- 001 E- 002		<10 <10 <10 <10 <10	<1 <1 <1 1 <1	0.08 0.07 0.08 0.09 0.07	<10 <10 <10 <10 <10	0.01 0.01 0.01 0.01 <0.01	93 58 73 47 36	4 3 4 6 <1	0.03 0.03 0.03 0.04 0.02	<1 1 1 3 6	70 30 40 70 30	199 71 38 196 37	0.08 0.06 0.04 0.14 0.05	3 <2 <2 <2 <2	<1 <1 <1 <1 <1	15 14 14 70 14
E- 003 E- 004 E- 005 E- 006 E- 007		<10 <10 <10 <10 <10	1 1 <1 <1 <1	0.06 0.06 0.07 0.08 0.08	<10 <10 <10 <10 <10	0.01 0.01 0.01 <0.01 0.01	37 97 30 32 33	2 10 8 1 5	0.01 <0.01 0.01 0.01 <0.01	2 2 <1 <1 <1	50 50 20 10 30	109 113 74 35 78	0.04 0.01 0.04 0.02 0.02	<2 2 6 9	<1 <1 <1 <1 <1	25 8 12 7 7
E- 008 E- 009 F- 001 F- 002 F- 003		<10 <10 <10 <10 <10	1 <1 <1 1	0.06 0.08 0.06 0.06	<10 <10 <10 <10 <10	0.01 <0.01 0.01 0.01 0.01	29 31 46 37 39	3 4 6 6 8	0.01 0.01 0.01 0.01 0.01	<1 <1 1 1	20 20 30 20 20	68 59 37 68 53	0.03 0.03 0.04 0.03 0.03	38 30 <2 10 5	<1 <1 <1 <1 <1	7 8 10 11



To: RAM EXPLORATION LTD. 8888 SHOOK ROAD MISSION BC V2V 7N1 Page: 2 - C Total # Pages: 3 (A - C) Finalized Date: 31- OCT- 2011

Account: PJA

									CERTIFICATE OF ANALYSIS VA11191811
Sample Description	Method Analyte Units LOR	ME-ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME-ICP41 TI ppm 10	ME-ICP41 U ppm 10	ME- ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	
A- 001 A- 002 A- 003 A- 004 A- 005		<20 <20 <20 <20 <20	<0.01 <0.01 0.01 <0.01 <0.01	<10 <10 <10 <10 <10	<10 <10 <10 <10 <10	5 8 10 11 3	<10 <10 <10 <10 <10	30 56 56 78 26	
B- 001 B- 002 B- 003 B- 004 B- 005		<20 <20 <20 <20 <20	<0.01 <0.01 <0.01 <0.01 <0.01	<10 <10 <10 <10 <10	<10 <10 <10 <10 <10	5 2 5 4 3	<10 <10 <10 <10 <10	32 20 39 16 7	
C- 001 C- 002 C- 003 C- 004 C- 005		<20 <20 <20 <20 <20	<0.01 <0.01 <0.01 0.01 <0.01	<10 <10 <10 <10 <10	<10 <10 <10 <10 <10	2 1 2 13 1	<10 <10 <10 <10 <10	8 4 19 54 5	
C- 006 C- 007 C- 008 C- 009 C- 010		<20 <20 <20 <20 <20	<0.01 <0.01 <0.01 <0.01 <0.01	<10 <10 <10 <10 <10	<10 <10 <10 <10 <10	6 8 7 3 7	<10 <10 <10 <10 <10	70 54 46 36 49	
D- 001 D- 002 D- 003 D- 004 D- 005		<20 <20 <20 <20 <20	<0.01 <0.01 <0.01 <0.01 <0.01	<10 <10 <10 <10 <10	<10 <10 <10 <10 <10	1 1 1 1 2	<10 <10 <10 <10 <10	11 6 8 3 8	
D- 006 D- 007 D- 008 E- 001 E- 002		<20 <20 <20 <20 <20	<0.01 <0.01 <0.01 <0.01 <0.01	<10 <10 <10 <10 <10	<10 <10 <10 <10 <10	1 1 1 1	<10 <10 <10 <10 <10	9 36 15 272 17	
E- 003 E- 004 E- 005 E- 006 E- 007		<20 <20 <20 <20 <20 <20	<0.01 <0.01 <0.01 <0.01 <0.01	<10 <10 <10 <10 <10	<10 <10 <10 <10 <10	2 4 1 1 2	<10 <10 <10 <10 <10	34 48 13 10 23	
E- 008 E- 009 F- 001 F- 002 F- 003		<20 <20 <20 <20 <20	<0.01 <0.01 <0.01 <0.01 <0.01	<10 <10 <10 <10 <10	<10 <10 <10 <10 <10	1 1 1 1	<10 <10 <10 <10 <10	77 64 10 16 14	



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To: RAM EXPLORATION LTD. 8888 SHOOK ROAD MISSION BC V2V 7N1

Page: 3 - A Total # Pages: 3 (A - C) Finalized Date: 31- OCT- 2011 Account: PJA

Project: Christa

mmera	Method Analyte WEI- 21 Au- AA23 ME- ICP41 ME								CI	ERTIFIC	CATE O	F ANAL	YSIS	VA111	91811	
Sample Description					ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
F- 004		0.50	0.747	9.4	0.17	7	<10	280	<0.5	2	0.01	<0.5	1	13	13	0.83
F- 005		0.70	0.198	3.0	0.23	2	<10	540	<0.5	<2	0.01	<0.5	1	13	6	0.60
F- 006		0.52	0.245	3.4	0.12	9	<10	730	<0.5	<2	0.02	<0.5	1	8	11	0.59
G- 001		1.56	0.206	2.5	0.11	5	<10	1190	<0.5	<2	0.01	2.0	<1	18	10	0.62
G- 002		1.40	0.155	2.3	0.16	<2	<10	700	<0.5	<2	0.03	<0.5	<1	14	4	0.45
G- 003		1.60	0.225	2.5	0.14	4	<10	630	<0.5	<2	0.02	<0.5	<1	14	8	0.50
G- 004		0.90	0.075	0.5	0.09	3	<10	90	<0.5	<2	0.01	<0.5	<1	7	1	0.42
G- 005		1.12	0.179	2.3	0.15	3	<10	920	<0.5	2	0.06	<0.5	<1	12	5	0.60
G- 006		0.68	0.029	0.7	0.18	3	<10	1150	<0.5	2	0.05	<0.5	<1	18	3	0.46
G- 007		1.32	0.395	7.2	0.33	6	<10	800	<0.5	2	0.08	1.2	1	11	13	0.68
G- 008		1.20	0.054	1.0	0.15	2	<10	410	<0.5	<2	0.02	<0.5	1	19	6	0.66
G- 009		0.74	0.066	0.8	0.13	3	<10	300	<0.5	<2	0.02	<0.5	<1	7	2	0.54
G- 010		0.74	0.100	1.3	0.14	3	<10	410	<0.5	<2	0.03	<0.5	<1	11	3	0.56
G- 011		0.72	0.080	1.0	0.11	3	<10	1280	<0.5	<2	0.02	<0.5	<1	13	2	0.55



G-008

G-009

G-010

G-011

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<10

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To: RAM EXPLORATION LTD. 8888 SHOOK ROAD MISSION BC V2V 7N1 Page: 3 - B Total # Pages: 3 (A - C) Finalized Date: 31- OCT- 2011 Account: PJA

CERTIFICATE OF ANALYSIS VA11191811

Project: Christa

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41

26

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11

															1 10 10 10 10 10 10 10 10 10 10 10 10 10	
Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME- ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME- ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME- ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME- ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
F- 004		<10	<1	0.09	<10	0.02	69	8	< 0.01	2	40	48	0.01	2	<1	9
F- 005		<10	1	0.15	<10	0.02	44	2	0.01	1	30	29	0.02	<2	<1	11
F- 006		<10	<1	0.07	<10	0.02	42	7	0.01	1	30	57	0.03	3	<1	16
G-001		<10	<1	0.07	<10	0.01	37	6	0.01	1	20	64	0.09	3	<1	16
G- 002		<10	<1	0.08	<10	0.01	85	4	0.02	1	40	68	0.04	<2	<1	11
G- 003		<10	<1	0.07	<10	0.02	52	4	0.01	<1	20	39	0.04	3	<1	11
G- 004		<10	<1	0.06	<10	0.01	40	4	< 0.01	<1	20	7	0.01	<2	<1	6
G- 005		<10	<1	0.07	<10	0.01	55	4	0.01	1	20	60	0.04	<2	<1	12
G- 006		<10	<1	0.08	<10	0.01	39	2	0.01	<1	10	64	0.06	<2	<1	11
G-007		<10	<1	0.11	<10	0.04	133	6	0.03	2	50	115	0.07	12	1	11

80

38

43



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Account: PJA

Minerals							Project	: Christa	
								CERTIFICATE OF ANALYSIS	VA11191811
Meth Analy Unit Sample Description LOF	rte Th	ME- ICP41 Ti % 0.01	ME-ICP41 TI ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2		
F- 004 F- 005 F- 006 G- 001 G- 002 G- 003 G- 004 G- 005 G- 006 G- 007	<20 <20 <20 <20 <20 <20 <20 <20 <20 <20	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01	<10 <10 <10 <10 <10 <10 <10 <10	<10 <10 <10 <10 <10 <10 <10 <10	2 3 2 1 1 1 1 1 4	<10 <10 <10 <10 <10 <10 <10 <10	20 10 15 78 16 12 9 11 5		
G- 008 G- 009 G- 010 G- 011	<20 <20 <20 <20	<0.01 <0.01 <0.01 <0.01	<10 <10 <10 <10	<10 <10 <10 <10	1 1 1 1	<10 <10 <10 <10	33 6 8 6		

## Appendix 2.2: 2011 Soil and Rock Geochemistry Certificates va11196113



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To: RAM EXPLORATION LTD. 8888 SHOOK ROAD MISSION BC V2V 7N1

Page: 1 Finalized Date: 1- NOV- 2011

Account: PJA

# CERTIFICATE VA11196113

Project: CHRISTA

P.O. No.:

This report is for 41 Soil samples submitted to our lab in Vancouver, BC, Canada on 27-SEP-2011.

The following have access to data associated with this certificate:

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

	ANALYTICAL PROCEDURE	ES
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: RAM EXPLORATION LTD.
ATTN: CARL VON EINSIEDEL
8888 SHOOK ROAD
MISSION BC V2V 7N1

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



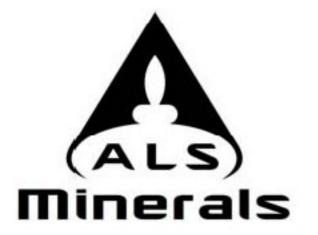
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2103 Dollarton Hwy
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Account: PJA

IIIInera	15								CI	ERTIFIC	CATE O	F ANAL	YSIS	VA111	96113	
Sample Description	Method	WEI- 21	Au- ICP21	ME-ICP41	ME- ICP41	ME- ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME- ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
643084- 5486810		0.26	0.001	0.4	2.20	11	<10	110	0.5	2	0.02	<0.5	11	7	36	3.83
643095- 5486795		0.38	<0.001	0.2	2.02	4	<10	120	0.5	3	0.03	<0.5	9	8	23	3.50
643109- 5486866		0.52	0.001	0.6	0.79	10	<10	200	<0.5	<2	0.04	<0.5	6	2	18	2.06
643109- 5486779		0.40	0.001	<0.2	2.60	6	<10	100	<0.5	2	0.02	<0.5	10	9	24	4.13
643110- 5486867		0.46	0.002	0.6	0.98	12	<10	90	0.6	<2	0.09	<0.5	8	2	28	2.37
643112- 5486864		0.26	0.003	0.5	0.86	13	<10	210	0.5	2	0.09	<0.5	9	1	27	2.45
643112- 5486868		0.38	0.002	<0.2	0.71	9	<10	110	0.6	3	0.04	<0.5	14	3	9	3.19
643114- 5486865		0.26	<0.001	0.7	0.61	17	<10	150	0.5	<2	0.03	<0.5	4	1	15	1.36
643114- 5486860A		0.26	<0.001	0.6	0.62	7	<10	160	<0.5	2	0.02	<0.5	3	2	11	1.20
643114- 5486860B		0.18	0.001	0.4	0.62	8	<10	170	<0.5	<2	0.02	<0.5	2	2	11	1.18
643115- 5486888		0.26	<0.001	0.5	1.58	4	<10	50	<0.5	2	0.02	<0.5	1	4	4	1.44
643115- 5486890		0.42	<0.001	0.2	2.62	11	<10	100	<0.5	3	0.03	<0.5	3	9	8	3.38
643116- 5486884		0.38	<0.001	0.5	2.36	9	<10	100	<0.5	3	0.02	<0.5	3	7	8	3.04
643121- 5486853		0.16	0.005	1.1	1.49	6	<10	100	<0.5	2	0.03	<0.5	4	4	14	1.57
643122- 5486850A		0.30	0.002	0.6	1.46	9	<10	120	<0.5	3	0.02	<0.5	4	5	14	1.88
643122- 5486850B 643125- 5486849 643125- 5486761 643126- 5486847 643130- 5486847		0.22 0.16 0.28 0.16 0.14	0.002 0.002 0.004 0.003 0.003	0.6 0.5 <0.2 0.3 0.5	1.57 1.86 2.77 1.61 1.87	7 10 5 3 5	<10 <10 <10 <10 <10	110 90 140 120 150	<0.5 <0.5 0.5 <0.5 <0.5	2 2 2 2 2 3	0.02 0.03 0.03 0.02 0.02	<0.5 <0.5 <0.5 <0.5 <0.5	4 5 16 3 3	6 8 14 6 6	14 17 42 13 14	1.90 2.24 5.17 1.79 1.87
643133- 5486845		0.28	0.004	0.2	1.20	24	<10	110	0.9	2	0.03	<0.5	29	23	68	7.29
643133- 5486846		0.14	0.002	<0.2	0.63	8	<10	120	<0.5	<2	0.04	<0.5	3	2	7	1.15
643135- 5486843		0.16	0.020	0.5	1.53	125	<10	140	0.7	3	0.02	0.8	25	3	366	10.70
643138E- 5486746 N		0.26	0.003	<0.2	2.52	3	<10	320	0.8	2	0.15	<0.5	6	8	10	2.56
643150- 5486883		0.30	0.003	<0.2	0.89	20	<10	560	<0.5	2	0.04	<0.5	12	5	37	2.15
643150- 5486885		0.30	0.015	0.2	0.86	27	<10	680	0.5	2	0.09	<0.5	16	7	46	2.75
643150- 5486887		0.26	0.005	0.2	0.91	34	<10	1420	0.6	<2	0.16	0.5	24	12	57	3.91
643150- 5486889A		0.36	0.003	<0.2	0.96	25	<10	1320	0.6	2	0.31	0.5	20	9	48	3.22
643150- 5486889B		0.34	0.002	<0.2	0.98	26	<10	850	0.6	3	0.20	0.5	20	10	47	3.48
643150- 5486891		0.26	0.001	0.2	1.14	18	<10	420	<0.5	3	0.19	<0.5	13	8	31	2.80
643150- 5486893 643150- 5486895 643150- 5486897 643150- 5486899 643151- 5486887		0.24 0.26 0.18 0.20 0.28	0.002 0.003 0.001 0.005 0.005	0.3 0.5 0.5 <0.2 0.2	1.59 1.66 1.09 1.58 1.12	21 20 4 3 18	<10 <10 <10 <10 <10	330 580 120 90 430	0.5 0.5 <0.5 <0.5 <0.5	2 2 3 3 2	0.08 0.08 0.07 0.07 0.03	<0.5 <0.5 <0.5 <0.5 <0.5	14 13 2 2 8	14 17 5 4	41 41 8 8 23	3.51 3.71 1.13 1.35 1.73
643160- 5486876 643168- 5486872 643170E- 5486714 N 643178- 5486847 643188- 5486811		0.24 0.24 0.38 0.24 0.18	0.003 0.003 0.007 0.002 0.002	<0.2 <0.2 <0.2 0.2 0.2	1.33 1.28 1.27 1.43 1.12	19 14 6 17 9	<10 <10 <10 <10 <10	570 160 370 400 170	<0.5 <0.5 <0.5 0.8 <0.5	2 3 3 2 3	0.03 0.03 0.17 0.05 0.04	<0.5 <0.5 <0.5 <0.5 <0.5	8 11 8 11 7	4 6 10 9	25 29 23 48 31	2.10 2.91 2.75 3.54 2.96



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IIIInera	15								CI	ERTIFIC	CATE O	F ANAL	YSIS	VA111	96113	
Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
643084- 5486810 643095- 5486795 643109- 5486866 643109- 5486779 643110- 5486867		10 10 <10 10 <10	<1 <1 <1 1 <1	0.14 0.13 0.11 0.14 0.10	10 10 <10 10 <10	0.29 0.33 0.03 0.43 0.02	2020 1735 2240 1655 2780	10 5 8 1 4	0.02 0.02 0.02 0.02 0.02	4 4 2 3 1	1130 1050 970 1210 1190	37 24 203 14 222	0.06 0.06 0.04 0.05 0.04	4 <2 6 <2 9	5 3 2 4 4	2 3 3 4
643112- 5486864 643112- 5486868 643114- 5486865 643114- 5486860A 643114- 5486860B		10 10 <10 <10 <10	<1 <1 <1 <1 <1	0.10 0.14 0.10 0.09 0.09	<10 10 <10 <10 <10	0.03 0.04 0.02 0.02 0.03	3780 2620 1460 1650 1625	6 2 1 1	0.02 0.02 0.02 0.02 0.02	1 3 1 1	1300 860 710 750 760	264 99 72 84 85	0.04 0.02 0.03 0.03 0.03	11 2 7 4 5	3 6 2 1	5 3 3 2
643115- 5486888 643115- 5486890 643116- 5486884 643121- 5486853 643122- 5486850A		10 10 10 <10 10	<1 <1 <1 <1 <1	0.04 0.08 0.05 0.09 0.08	10 20 10 <10 <10	0.04 0.14 0.06 0.07 0.09	63 295 197 851 1290	1 2 2 1 1	0.02 0.02 0.02 0.02 0.02	2 4 3 2 2	370 670 500 990 1000	13 15 14 102 147	0.04 0.05 0.04 0.05 0.05	<2 <2 2 3 4	1 1 3 2 1	5 5 6 2 3
643122- 5486850B 643125- 5486849 643125- 5486761 643126- 5486847 643130- 5486847		10 <10 10 10 10	<1 <1 <1 <1 <1	0.08 0.08 0.18 0.07 0.06	<10 10 10 <10 10	0.10 0.18 0.58 0.06 0.05	1250 1065 1835 1020 831	1 1 <1 2 2	0.02 0.02 0.02 0.02 0.02	3 4 5 3	1030 1190 1370 1130 1160	167 104 11 51 48	0.04 0.04 0.05 0.07 0.08	4 2 <2 3 3	1 2 9 <1 1	3 3 4 4
643133- 5486845 643133- 5486846 643135- 5486843 643138E- 5486746 N 643150- 5486883		10 <10 10 10 <10	<1 <1 1 <1 <1	0.09 0.09 0.11 0.07 0.10	10 <10 10 10 <10	0.07 0.03 0.05 0.47 0.03	2590 952 1420 132 2510	3 1 4 <1 2	0.02 0.02 0.02 0.02 0.01	30 2 4 3 22	1810 790 1120 850 950	29 13 39 9 42	0.04 0.04 0.09 0.07 0.04	<2 2 11 <2 2	14 1 14 2 3	5 4 3 11 6
643150- 5486885 643150- 5486887 643150- 5486889A 643150- 5486889B 643150- 5486891		<10 10 10 10 10	<1 <1 <1 <1 <1	0.12 0.11 0.12 0.11 0.15	<10 <10 <10 <10 <10	0.04 0.06 0.07 0.06 0.07	2650 2790 3010 3110 2900	1 1 1 1	0.01 0.01 0.01 0.01 0.01	22 32 19 17 10	1110 1510 1570 1570 1630	39 40 34 29 25	0.05 0.05 0.05 0.04 0.07	2 3 2 2 2	4 8 7 8 4	9 15 27 22 15
643150- 5486893 643150- 5486895 643150- 5486897 643150- 5486899 643151- 5486887		10 10 10 10 <10	<1 <1 <1 <1 <1	0.10 0.09 0.07 0.07 0.09	<10 <10 10 10 <10	0.08 0.09 0.07 0.07 0.03	2060 1990 474 705 1775	1 1 <1 <1 1	0.01 0.01 0.02 0.02 0.01	10 12 5 3 7	1350 1370 1350 1360 940	23 22 12 11 30	0.05 0.06 0.09 0.07 0.05	4 2 <2 <2 3	6 7 <1 <1 2	7 12 9 8 6
643160- 5486876 643168- 5486872 643170E- 5486714 N 643178- 5486847 643188- 5486811		10 10 10 10	<1 <1 <1 1 <1	0.10 0.08 0.07 0.07 0.07	<10 <10 <10 10 <10	0.05 0.05 0.10 0.07 0.06	1850 2400 1255 1760 1010	1 1 <1 1 <1	0.01 0.02 0.02 0.02 0.02	7 7 8 11 8	1120 1300 1070 1390 850	28 30 18 22 16	0.06 0.06 0.05 0.07 0.05	3 <2 <2 <2 <2	2 1 2 5 1	6 4 11 6 9



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Account: PJA

Project: CHRISTA

								3		
Minera	13								CERTIFICATE OF ANALYSIS	VA11196113
Sample Description	Method Analyte Units LOR	ME-ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME-ICP41 TI ppm 10	ME-ICP41 U ppm 10	ME- ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2		
643084- 5486810 643095- 5486795 643109- 5486866 643109- 5486779 643110- 5486867		<20 <20 <20 <20 <20	0.01 0.01 <0.01 0.01 <0.01	<10 <10 <10 <10 <10	<10 <10 <10 <10 <10	43 45 11 57 12	<10 <10 <10 <10 <10	143 109 81 113 83		
643112- 5486864 643112- 5486868 643114- 5486865 643114- 5486860A 643114- 5486860B		<20 <20 <20 <20 <20	<0.01 <0.01 <0.01 <0.01 <0.01	<10 <10 <10 <10 <10	<10 <10 <10 <10 <10	13 19 6 6	<10 <10 <10 <10	94 83 70 54 53		
643115- 5486888 643115- 5486890 643116- 5486884 643121- 5486853 643122- 5486850A		<20 <20 <20 <20 <20	0.02 0.01 0.01 <0.01 0.01	<10 <10 <10 <10 <10	<10 <10 <10 <10 <10	35 43 42 14 18	<10 <10 <10 <10	17 46 39 69 78		
643122- 5486850B 643125- 5486849 643125- 5486761 643126- 5486847 643130- 5486847		<20 <20 <20 <20 <20	0.01 0.01 0.01 0.01 0.01	<10 <10 <10 <10 <10	<10 <10 <10 <10 <10	19 24 80 23 25	<10 <10 <10 <10 <10	81 84 181 50 50		
643133- 5486845 643133- 5486846 643135- 5486843 643138E- 5486746 N 643150- 5486883		<20 <20 <20 <20 <20	<0.01 <0.01 <0.01 0.02 <0.01	<10 <10 <10 <10 <10	<10 <10 <10 <10 <10	51 7 31 44 18	<10 <10 <10 <10 <10	152 55 198 69 97		
643150- 5486885 643150- 5486887 643150- 5486889A 643150- 5486889B 643150- 5486891		<20 <20 <20 <20 <20	<0.01 <0.01 <0.01 <0.01 <0.01	<10 <10 <10 <10 <10	<10 <10 <10 <10 <10	22 35 28 30 28	<10 <10 <10 <10 <10	107 145 130 129 100		
643150- 5486893 643150- 5486895 643150- 5486897 643150- 5486899 643151- 5486887		<20 <20 <20 <20 <20	<0.01 <0.01 0.01 0.01 <0.01	<10 <10 <10 <10 <10	<10 <10 <10 <10 <10	43 54 21 21 15	<10 <10 <10 <10 <10	107 102 33 35 74		
643160- 5486876 643168- 5486872 643170E- 5486714 N 643178- 5486847 643188- 5486811		<20 <20 <20 <20 <20	<0.01 0.01 <0.01 0.01 0.01	<10 <10 <10 <10 <10	<10 <10 <10 <10 <10	19 26 22 32 39	<10 <10 <10 <10 <10	80 80 59 90 66		



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mmera	13								C	ERTIFIC	CATE O	F ANAL	YSIS	VA111	96113	
Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-ICP41 Ag ppm 0.2	ME- ICP41 AI % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
643194- 5486791		0.24	0.003	0.3	1.59	7	<10	300	<0.5	3	0.01	<0.5	5	13	16	3.78



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mmera	13								C	ERTIFIC	CATE O	F ANAL	YSIS	VA111	96113	
Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME- ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME- ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
643194- 5486791		10	<1	0.06	<10	0.06	446	<1	0.01	5	790	9	0.04	<2	3	4



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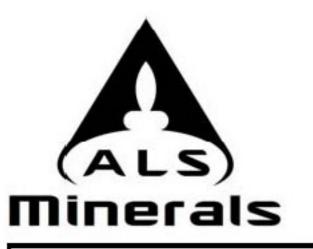
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Account: PJA

CERTIFICATE OF ANALYSIS	VA11196113

Sample Description	Method Analyte Units LOR	ME-ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME-ICP41 TI ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2				
643194- 5486791		<20	0.01	<10	<10	39	<10	53				

## Appendix 2.2: 2011 Soil and Rock Geochemistry Certificates va11196114



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# CERTIFICATE VA11196114

Project: CHRISTA

P.O. No.:

This report is for 21 Rock samples submitted to our lab in Vancouver, BC, Canada on 27-SEP-2011.

The following have access to data associated with this certificate:

	SAMPLE PREPARATION
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
EXTRA-01	Extra Sample received in Shipment
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um

	ANALYTICAL PROCEDURI	ES
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME-ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: RAM EXPLORATION LTD.
ATTN: CARL VON EINSIEDEL
8888 SHOOK ROAD
MISSION BC V2V 7N1

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

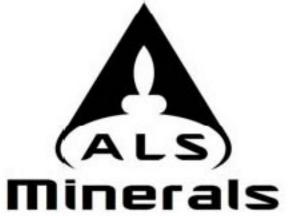
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.



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IIInerais								CERTIFICATE OF ANALYSIS VA11196114								
Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg .02	ME- ICP41 Ag ppm 0.2	ME- ICP41 AI % 0.01	ME- ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10
AREA BB AREA C- 01 AREA C- 02 AREA CC- 01 AREA EE- 01		1.78 1.78 3.14 1.16 0.66	19.7 7.6 3.0 27.1 3.9	0.11 0.09 0.11 0.07 0.04	3 4 10 8 2	<10 <10 <10 <10 <10	950 430 1160 620 20	<0.5 <0.5 <0.5 <0.5 <0.5	2 <2 <2 5 2	0.01 0.01 0.02 0.01 0.01	<0.5 <0.5 <0.5 <0.5 <0.5	2 2 1 2 2	20 16 16 14 16	1 4 2 14 4	0.63 0.38 0.62 0.47 0.44	<10 <10 <10 <10 <10
AREA EE- 02 AREA FF- 01 AREA FF- 02 AREA FF- 03 AREA FF- SVC- 01		0.92 1.66 2.62 1.70 Not Recvd	12.5 2.6 1.4 2.3	0.04 0.39 0.09 0.20	4 5 8 4	<10 <10 <10 <10	140 260 680 680	<0.5 <0.5 <0.5 <0.5	3 2 <2 <2	0.01 0.05 0.02 0.02	<0.5 <0.5 <0.5 <0.5	3 1 2	12 10 13 10	2 15 8 4	0.38 0.89 0.54 0.59	<10 <10 <10 <10
AREA G- 01 AREA G- 02 AREA GG- 03 AREA GG- 04 AREA H- 01		1.68 1.80 0.96 1.90 0.90	<0.2 1.0 <0.2 5.2 0.2	0.47 0.18 0.17 0.25 0.25	2 <2 <2 6 3	<10 <10 <10 <10 <10	60 100 180 130 620	<0.5 <0.5 <0.5 <0.5 <0.5	<2 <2 <2 2 <2	0.05 0.02 0.03 0.02 0.05	<0.5 <0.5 <0.5 <0.5 <0.5	3 2 2 3 1	5 10 5 8 3	4 3 1 26 1	0.90 0.49 0.24 0.62 0.33	<10 <10 <10 <10 <10
AREA H- 02 AREA H- 03 AREA H- 04 AREA H- 05 AREA H- 06		1.42 0.56 0.64 0.90 1.22	<0.2 <0.2 <0.2 <0.2 <0.2	0.23 0.88 0.36 0.29 0.39	<2 5 9 19 9	<10 <10 <10 <10 <10	30 90 880 320 340	<0.5 0.5 <0.5 <0.5 <0.5	<2 <2 <2 <2 <2 <2	0.03 0.17 0.04 0.01 0.04	<0.5 <0.5 <0.5 <0.5 <0.5	2 13 4 4 4	3 1 2 2	3 53 2 43 4	0.98 3.39 1.43 3.09 1.64	<10 <10 <10 <10 <10
AREA FF- SVS- 01		1.40	6.1	0.08	5	<10	790	<0.5	<2	0.01	<0.5	2	14	4	0.45	<10



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Minerais							CERTIFICATE OF ANALYSIS VA11196114									
Sample Description	Method Analyte Units LOR	ME-ICP41 Hg ppm 1	ME- ICP41 K % 0.01	ME-ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1	ME-ICP41 Th ppm 20
AREA BB AREA C- 01 AREA C- 02 AREA CC- 01 AREA EE- 01		<1 <1 <1 1 <1	0.07 0.06 0.07 0.04 0.02	<10 <10 <10 <10 <10	0.03 0.01 0.01 0.01 0.01	40 26 26 28 39	5 2 4 3 2	0.01 0.01 0.01 0.01 0.01	1 1 1 1 2	50 30 50 30 50	29 18 45 67 13	0.03 0.02 0.04 0.03 <0.01	<2 2 <2 15 <2	<1 <1 <1 <1 <1	22 7 20 11 3	<20 <20 <20 <20 <20
AREA EE- 02 AREA FF- 01 AREA FF- 02 AREA FF- 03 AREA FF- SVC- 01		<1 <1 <1 <1	0.02 0.11 0.06 0.08	<10 <10 <10 <10	0.01 0.07 0.01 0.03	29 151 27 77	2 2 10 4	0.01 0.03 0.01 0.02	1 1 <1 <1	50 210 30 50	31 26 39 26	0.01 0.01 0.04 0.03	<2 <2 2 <2	<1 1 <1 <1	5 10 10 10	<20 <20 <20 <20
AREA G- 01 AREA G- 02 AREA GG- 03 AREA GG- 04 AREA H- 01		<1 <1 <1 <1 <1	0.10 0.05 0.08 0.07 0.12	<10 <10 <10 <10 <10	0.11 0.03 0.01 0.06 0.01	212 86 195 93 289	<1 2 <1 3 <1	0.05 0.02 0.04 0.02 0.05	<1 <1 <1 <1 <1	100 40 60 50 190	3 10 3 51 6	0.01 <0.01 <0.01 0.03 0.01	<2 <2 <2 6 <2	1 <1 <1 1 <1	6 6 7 6 13	<20 <20 <20 <20 <20
AREA H- 02 AREA H- 03 AREA H- 04 AREA H- 05 AREA H- 06		<1 <1 <1 <1 <1	0.10 0.23 0.14 0.12 0.13	<10 <10 <10 <10 <10	0.02 0.10 0.02 0.01 0.05	284 798 394 214 296	<1 <1 2 1	0.04 0.04 0.04 0.04 0.03	<1 3 3 <1 3	100 1140 240 60 270	5 8 4 16 5	<0.01 0.01 0.02 0.11 0.01	<2 <2 <2 3 <2	1 7 <1 3 <1	5 11 14 6 9	<20 <20 <20 <20 <20
AREA FF- SVS- 01		<1	0.05	<10	0.01	24	8	0.01	1	30	22	0.02	<2	<1	11	<20



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Account: PJA

mmera	13								CERTIFICATE OF ANALYSIS VA	11196114
Sample Description	Method Analyte Units LOR	ME- ICP41 Ti % 0.01	ME-ICP41 TI ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	Au- ICP21 Au ppm 0.001		
AREA BB AREA C- 01 AREA C- 02 AREA CC- 01 AREA EE- 01		<0.01 <0.01 <0.01 <0.01 <0.01	<10 <10 <10 <10 <10	<10 <10 <10 <10 <10	3 1 1 1	<10 <10 <10 <10 <10	6 5 7 15 9	1.925 0.401 0.204 1.475 0.454		
AREA EE- 02 AREA FF- 01 AREA FF- 02 AREA FF- 03 AREA FF- SVC- 01		<0.01 <0.01 <0.01 <0.01	<10 <10 <10 <10	<10 <10 <10 <10	2 6 1 3	<10 <10 <10 <10	16 34 13 22	1.730 0.373 0.078 0.250		
AREA G- 01 AREA G- 02 AREA GG- 03 AREA GG- 04 AREA H- 01		<0.01 <0.01 <0.01 <0.01 <0.01	<10 <10 <10 <10 <10	<10 <10 <10 <10 <10	9 4 <1 4 1	<10 <10 <10 <10 <10	25 15 9 29 27	0.003 0.128 0.002 0.489 0.016		
AREA H- 02 AREA H- 03 AREA H- 04 AREA H- 05 AREA H- 06		<0.01 <0.01 <0.01 <0.01 <0.01	<10 <10 <10 <10 <10	<10 <10 <10 <10 <10	4 29 1 5	<10 <10 <10 <10 <10	31 54 63 41 70	0.002 0.001 0.001 0.002 0.002		
AREA FF- SVS- 01		<0.01	<10	<10	1	<10	14	0.756		

## Appendix 2.2: 2011 Soil and Rock Geochemistry Certificates va11203225



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To: RAM EXPLORATION LTD. 8888 SHOOK ROAD MISSION BC V2V 7N1 Page: 1 Finalized Date: 9- NOV- 2011 Account: PJA

CERTIFICATE VA11203225

Project: CHRISTA

P.O. No.:

This report is for 63 Soil samples submitted to our lab in Vancouver, BC, Canada on 20-SEP-2011.

The following have access to data associated with this certificate:

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

	ANALYTICAL PROCEDURE	ES
ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21 ME- ICP41	Au 30g FA ICP- AES Finish 35 Element Aqua Regia ICP- AES	ICP- AES

To: RAM EXPLORATION LTD.
ATTN: CARL VON EINSIEDEL
8888 SHOOK ROAD
MISSION BC V2V 7N1

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



To: RAM EXPLORATION LTD. 8888 SHOOK ROAD MISSION BC V2V 7N1 Page: 2 - A Total # Pages: 3 (A - C) Finalized Date: 9- NOV- 2011

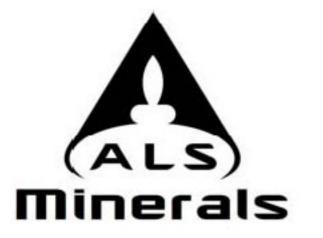
Account: PJA

VA11203225

Project: CHRISTA

CERTIFICATE OF ANALYSIS

								- I								
Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME-ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
CS- 001 CS- 002 CS- 003 CS- 004 CS- 005		0.34 0.32 0.22 0.32 0.34	0.004 0.003 0.003 0.003 0.004	<0.2 <0.2 <0.2 <0.2 <0.2	2.05 2.07 2.03 2.01 2.05	7 7 7 7 6	<10 <10 <10 <10 <10	120 120 120 110 120	<0.5 <0.5 <0.5 <0.5 <0.5	<2 <2 <2 <2 <2 <2	0.34 0.34 0.34 0.33 0.34	<0.5 <0.5 <0.5 <0.5 <0.5	10 10 10 10 10	38 38 38 38 38	25 24 23 23 22	2.94 2.93 2.93 2.89 2.95
CS- 006 CS- 007 CS- 008 CS- 009 CS- 010		0.38 0.30 0.32 0.24 0.32	0.010 0.004 0.004 0.139 0.003	<0.2 <0.2 <0.2 <0.2 <0.2	2.10 2.07 2.02 1.96 2.06	6 6 5 6	<10 <10 <10 <10 <10	120 120 120 120 120	<0.5 <0.5 <0.5 <0.5 <0.5	2 <2 <2 <2 <2	0.36 0.34 0.34 0.32 0.38	<0.5 <0.5 <0.5 <0.5 <0.5	10 10 10 9 10	39 39 40 37 38	24 23 23 22 25	3.01 2.96 2.95 2.84 3.06
CS- 011 CS- 012 CS- 013 CS- 014 CS- 015		0.24 0.34 0.30 0.28 0.26	0.007 0.004 0.003 0.011 0.004	<0.2 <0.2 <0.2 <0.2 <0.2	2.03 2.09 2.11 2.06 2.11	6 5 6 7 6	<10 <10 <10 <10 <10	120 120 120 120 120	<0.5 <0.5 <0.5 <0.5 <0.5	<2 <2 <2 <2 <2	0.39 0.42 0.40 0.38 0.36	<0.5 <0.5 <0.5 <0.5 <0.5	10 10 10 10 10	37 38 38 38 39	26 26 25 24 24	2.96 3.01 3.06 2.97 3.00
CS- 016 CS- 017 CS- 018 CS- 019 CS- 020		0.34 0.26 0.44 0.34 0.34	0.004 0.004 0.004 0.004 0.006	<0.2 <0.2 <0.2 <0.2 0.2	2.13 2.03 2.11 1.98 1.96	7 6 6 7 6	<10 <10 <10 <10 <10	120 120 120 120 120	<0.5 <0.5 <0.5 <0.5 <0.5	2 <2 <2 <2 <2	0.37 0.34 0.36 0.33 0.34	<0.5 <0.5 <0.5 <0.5 <0.5	10 10 11 11	39 38 39 40 38	24 24 24 29 24	3.02 2.92 3.03 2.94 2.89
CS- 021 CS- 022 CS- 023 CS- 024 CS- 025		0.28 0.30 0.32 0.26 0.26	0.004 0.003 0.004 0.003 0.003	0.2 <0.2 <0.2 <0.2 <0.2	1.93 1.89 1.93 1.99 1.91	6 5 6 4 5	<10 <10 <10 <10 <10	110 110 120 120 110	<0.5 <0.5 <0.5 <0.5 <0.5	<2 <2 <2 <2 <2 <2	0.32 0.32 0.33 0.33 0.32	<0.5 <0.5 <0.5 <0.5 <0.5	10 10 10 10 10	37 37 37 38 36	23 22 22 23 22	2.86 2.85 2.86 2.88 2.82
CS- 026 CS- 027 CS- 028 CS- 029 CS- 030		0.30 0.24 0.34 0.24 0.26	0.003 0.005 0.004 0.003 0.004	0.2 <0.2 <0.2 <0.2 0.2	1.95 1.87 1.89 1.94 2.07	5 6 6 6	<10 <10 <10 <10 <10	120 110 120 120 120	<0.5 <0.5 <0.5 <0.5 <0.5	<2 <2 <2 <2 <2	0.35 0.32 0.32 0.33 0.35	<0.5 <0.5 <0.5 <0.5 <0.5	11 10 11 11	38 37 37 38 39	23 21 22 22 27	2.90 2.79 2.82 2.88 3.02
CS- 031 CS- 032 CS- 033 CS- 034 CS- 035		0.24 0.32 0.40 0.32 0.20	0.003 0.004 0.009 0.003 0.004	<0.2 <0.2 <0.2 <0.2 <0.2	1.93 2.00 1.80 1.95 1.94	6 6 7 6 5	<10 <10 <10 <10 <10	120 120 110 120 120	<0.5 <0.5 <0.5 <0.5 <0.5	<2 <2 <2 <2 <2 <2	0.33 0.34 0.32 0.34 0.33	<0.5 <0.5 <0.5 <0.5 <0.5	11 10 11 11 10	39 40 37 38 38	24 25 23 23 23	2.85 2.90 2.72 2.89 2.84
CS- 036 CS- 037 CS- 038 CS- 039 CS- 040		0.34 0.32 0.28 0.24 0.30	0.002 0.008 0.004 0.002 0.002	<0.2 <0.2 <0.2 <0.2 <0.2	2.00 1.96 1.92 2.06 2.02	7 7 6 6	<10 <10 <10 <10 <10	120 120 110 120 120	<0.5 <0.5 <0.5 <0.5 <0.5	<2 <2 <2 <2 <2	0.34 0.33 0.33 0.34 0.35	<0.5 <0.5 <0.5 <0.5 <0.5	10 11 11 11	38 38 38 40 39	23 23 23 23 23	2.92 2.94 2.84 2.97 2.97



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mmera	llinerais										CERTIFICATE OF ANALYSIS VA11203225							
Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1		
CS- 001 CS- 002 CS- 003 CS- 004		10 10 10 10	<1 1 <1 <1	0.07 0.07 0.07 0.07	10 10 10 10	0.56 0.57 0.56 0.55	451 458 451 442	<1 <1 <1 <1	0.02 0.02 0.01 0.01	30 30 29 28	450 460 460 450	11 11 11 10	0.01 0.01 0.01 0.01	<2 <2 <2 <2	4 4 4 4	29 29 29 28		
CS- 005 CS- 006 CS- 007		10 10 10	<1 <1 <1	0.07 0.08 0.07	10 10 10	0.56 0.58 0.56	453 469 453	<1 <1 <1	0.02 0.02 0.02	29 31 30	460 480 460	11 12 11	0.01 0.01 0.01	<2 <2 <2	4 4	29 30 29		
CS- 008 CS- 009 CS- 010		10 10 10	1 <1 <1	0.07 0.07 0.07	10 10 10	0.56 0.53 0.57 0.56	459 434 458 442	<1 <1 <1	0.01 0.01 0.02 0.01	30 28 30 29	470 440 490 460	11 11 10	0.01 0.01 0.01	<2 <2 <2 <2	4 4 4	28 27 29 30		
CS- 012 CS- 013 CS- 014 CS- 015		10 10 10 10	<1 <1 <1 1	0.07 0.07 0.07 0.07	10 10 10 10	0.58 0.58 0.56 0.57	455 470 451 467	<1 <1 <1 <1	0.02 0.02 0.02 0.02	30 30 30 30	480 490 480 470	10 12 11 12	0.02 0.02 0.01 0.01	<2 <2 <2 <2	4 4 4 4	31 30 29 29		
CS- 016 CS- 017 CS- 018 CS- 019 CS- 020		10 10 10 10	1 <1 <1 <1	0.07 0.07 0.07 0.07 0.06	10 10 10 10	0.58 0.55 0.57 0.55 0.53	464 446 464 457 447	<1 <1 <1 <1	0.02 0.02 0.02 0.02 0.02	30 29 30 35 29	490 460 470 470 470	12 11 11 18 12	0.01 0.01 0.01 0.01 0.01	<2 <2 <2 <2 <2	4 4 4 4	29 28 29 29 29		
CS- 021 CS- 022 CS- 023 CS- 024		10 10 10 10	<1 <1 <1 <1 <1	0.06 0.06 0.07 0.07 0.06	10 10 10 10 10	0.53 0.52 0.53 0.54 0.53	448 436 447 450 440	<1 <1 <1 <1	0.02 0.02 0.02 0.02 0.02	29 28 28 29 28	460 450 470 460 440	12 12 12 12 12	0.01 0.01 0.01 0.01 0.01	<2 <2 <2 <2 <2 <2	4 4 4 4	28 28 29 29 29 28		
CS- 025 CS- 026 CS- 027 CS- 028 CS- 029 CS- 030		10 10 10 10 10	<1 <1 <1 <1 <1	0.07 0.06 0.06 0.07 0.07	10 10 10 10 10	0.54 0.52 0.52 0.53 0.54	455 438 438 449 430	<1 <1 <1 <1 <1 <1	0.02 0.02 0.02 0.02 0.02 0.02	28 26 28 29 30	470 450 460 470 490	12 11 12 12 12	0.01 0.01 0.01 0.01 0.01	<2 <2 <2 <2 <2 <2	4 4 4 4 4	29 27 28 28 28 29		
CS- 031 CS- 032 CS- 033 CS- 034 CS- 035		10 10 10 10 10	<1 <1 <1 <1 <1	0.07 0.07 0.07 0.07 0.07	10 10 10 10 10	0.53 0.53 0.52 0.54 0.54	433 439 424 445 442	<1 <1 <1 <1	0.02 0.02 0.02 0.02 0.02	29 29 28 28 28	460 480 450 470 460	11 11 11 11 12	0.01 0.01 0.01 0.01 0.01	<2 <2 <2 <2 <2	4 4 4 4	28 29 27 29 28		
CS- 036 CS- 037 CS- 038 CS- 039 CS- 040		10 10 10 10	<1 <1 <1 <1	0.07 0.07 0.07 0.07 0.07	10 10 10 10	0.55 0.53 0.53 0.55 0.55	464 449 452 469 458	<1 <1 <1 <1 <1	0.02 0.02 0.02 0.02 0.02	28 28 29 29 30	480 470 460 470 460	12 12 11 12 11	0.01 0.01 0.01 0.01 0.01	<2 <2 <2 <2 <2	4 4 4 4	29 28 28 30 30		



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CERTIFICATE OF ANALYSIS

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VA11203225

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									CERTIFICATE OF AUGUSTON TATTECOLES
	Method	ME- ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME- ICP41	ME-ICP41	ME-ICP41	
	Analyte	Th	Ti	TI	U	V	W	Zn	
Sample Description	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	
Sample Description	LOR	20	0.01	10	10	1	10	2	
CS- 001		<20	0.11	<10	<10	72	<10	62	
CS- 002		<20	0.11	<10	<10	70	<10	61	
CS- 003		<20	0.11	<10	<10	71	<10	60	
CS- 004		<20	0.10	<10	<10	70	<10	60	
CS- 005		<20	0.10	<10	<10	70	<10	59	
CS- 006		<20	0.11	<10	<10	72	<10	62	
CS- 007		<20	0.11	<10	<10	72	<10	62	
CS- 008		<20	0.10	<10	<10	71	<10	61	
CS- 009		<20	0.10	<10	<10	68	<10	59	
CS- 010		<20	0.12	<10	<10	72	<10	61	
CS- 011		<20	0.12	<10	<10	70	<10	60	
CS- 012		<20	0.12	<10	<10	71	<10	61	
CS- 013		<20	0.12	<10	<10	71	<10	62	
CS- 014		<20	0.11	<10	<10	72 72	<10	61	
CS- 015		<20	0.11	<10	<10		<10	63	
CS- 016		<20	0.11	<10	<10	71	<10	63	
CS- 017		<20	0.11	<10	<10	70	<10	61	
CS- 018		<20	0.11	<10	<10	72	<10	63	
CS- 019		<20	0.10	<10	<10	69	<10	67	
CS- 020		<20	0.10	<10	<10	68	<10	61	
CS- 021		<20	0.10	<10	<10	68	<10	59	
CS- 022		<20	0.10	<10	<10	67	<10	57	
CS- 023		<20 <20	0.10	<10	<10	68	<10	59	
CS- 024		<20 <20	0.10 0.10	<10 <10	<10 <10	67 66	<10 <10	60 58	
CS- 025									
CS- 026		<20	0.10	<10	<10	68	<10	60	
CS- 027		<20 <20	0.10 0.10	<10 <10	<10 <10	65 66	<10 <10	57 59	
CS- 028		<20 <20	0.10	<10	<10	68	<10	59	
CS- 029 CS- 030		<20	0.10	<10	<10	70	<10	59	
CS- 031		4	0.11	<10					
CS- 031		<20 <20	0.11	<10	<10 <10	70 70	<10 <10	60 60	
CS- 032 CS- 033		<20	0.10	<10	<10	68	<10	59	
CS- 034		<20	0.10	<10	<10	70	<10	59	
CS- 035		<20	0.10	<10	<10	67	<10	59	
CS- 036		<20	0.10	<10	<10	68	<10	60	
CS- 037		<20	0.10	<10	<10	70	<10	60	
CS- 038		<20	0.10	<10	<10	67	<10	60	
CS- 039		<20	0.10	<10	<10	69	<10	61	
CS- 040		<20	0.11	<10	<10	71	<10	61	



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Account: PJA

mmera	13								C	ERTIFIC	CATE O	F ANAL	YSIS	VA112	03225	
Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	ME-ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
CS- 041 CS- 042 CS- 043 CS- 044 CS- 045		0.26 0.30 0.30 0.26 0.32	0.002 0.003 0.944 1.915 2.88	<0.2 <0.2 <0.2 0.3 0.6	1.94 2.04 1.80 1.67 1.44	6 5 11 18 25	<10 <10 <10 <10 <10	120 120 120 120 120	<0.5 <0.5 <0.5 <0.5 <0.5	<2 <2 42 125 156	0.33 0.35 0.30 0.28 0.24	<0.5 <0.5 <0.5 <0.5 <0.5	10 11 11 12 12	37 39 35 33 28	22 23 28 35 40	2.88 2.96 3.02 3.23 3.37
CS- 046 CS- 047 CS- 048 CS- 049 CS- 050		0.28 0.38 0.28 0.26 0.24	2.79 2.86 0.023 0.316 0.004	0.3 0.4 <0.2 0.2 <0.2	1.53 1.46 1.91 1.94 2.03	22 26 6 6 7	<10 <10 <10 <10	130 130 110 120 120	<0.5 <0.5 <0.5 <0.5 <0.5	136 198 <2 <2 <2	0.29 0.25 0.33 0.35 0.35	<0.5 0.5 <0.5 <0.5 <0.5	12 12 10 10	29 28 38 38 40	39 42 24 23 24	3.29 3.43 2.83 2.94 3.00
CS- 051 CS- 052 CS- 053 CS- 054 CS- 055		0.40 0.28 0.36 0.30 0.32	0.004 0.005 0.006 0.003 0.004	0.2 0.2 0.2 0.2 <0.2	2.03 1.97 2.01 2.03 2.06	7 7 6 7 10	<10 <10 <10 <10	120 120 120 120 120	<0.5 <0.5 <0.5 <0.5 <0.5	<2 <2 <2 <2 <2 <2	0.34 0.34 0.34 0.34	<0.5 <0.5 <0.5 <0.5 <0.5	10 10 10 11 10	40 38 38 40 39	23 23 24 23 24	3.00 2.93 2.99 2.96 2.88
CS- 056 CS- 057 CS- 058 CS- 059 CS- 060		0.36 0.44 0.34 0.46 0.46	0.003 0.003 0.002 0.003 0.003	<0.2 <0.2 <0.2 0.2 <0.2	2.06 2.11 2.14 2.09 2.09	6 6 9 8 7	<10 <10 <10 <10 <10	120 120 120 120 120	<0.5 <0.5 <0.5 <0.5 <0.5	<2 <2 <2 <2 <2 <2	0.32 0.35 0.35 0.35 0.35	<0.5 <0.5 <0.5 <0.5 <0.5	12 11 11 10 10	38 39 40 40 40	24 27 26 24 25	2.83 2.94 3.02 2.95 2.99
CS- 061 CS- 062 CS- 063		0.26 0.40 0.36	0.009 0.003 0.003	<0.2 <0.2 <0.2	2.17 2.10 2.13	10 6 8	<10 <10 <10	120 120 120	<0.5 <0.5 <0.5	<2 <2 <2	0.36 0.36 0.35	<0.5 <0.5 <0.5	11 11 11	41 41 40	26 25 25	3.02 2.92 3.05



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									С	ERTIFIC	CATE O	F ANAL	YSIS	VA112	03225	
Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME- ICP41 Hg ppm 1	ME- ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME- ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME- ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
CS- 041 CS- 042 CS- 043 CS- 044 CS- 045		10 10 <10 <10 <10	<1 <1 <1 <1 <1	0.07 0.07 0.06 0.06 0.05	10 10 10 10 <10	0.53 0.55 0.50 0.47 0.41	443 455 478 550 580	<1 <1 <1 1 2	0.02 0.02 0.02 0.02 0.02	28 28 27 24 22	470 470 430 410 360	11 12 13 16 17	0.01 0.01 0.03 0.06 0.09	<2 <2 <2 3 5	4 4 4 3 3	29 31 27 24 22
CS- 046 CS- 047 CS- 048 CS- 049 CS- 050		<10 <10 10 10 10	<1 <1 1 <1 <1	0.06 0.05 0.07 0.07 0.07	10 <10 10 10 10	0.43 0.41 0.53 0.54 0.55	564 625 431 449 462	2 3 <1 <1 <1	0.02 0.02 0.02 0.02 0.02	23 22 29 28 31	380 370 460 480 480	17 17 11 11 12	0.09 0.09 0.01 0.01 0.01	4 5 <2 <2 <2	3 4 4 4	24 22 28 29 30
CS- 051 CS- 052 CS- 053 CS- 054 CS- 055		10 10 10 10 10	<1 <1 <1 <1 <1	0.07 0.06 0.06 0.07 0.07	10 10 10 10 10	0.55 0.54 0.55 0.55 0.56	471 450 455 468 455	<1 <1 <1 <1 <1	0.02 0.02 0.02 0.02 0.03	29 28 29 29 31	470 470 470 470 460	12 11 11 14 14	0.01 0.01 0.01 0.01 0.02	2 <2 <2 <2 <2	4 4 4 4	30 29 29 29 29 30
CS- 056 CS- 057 CS- 058 CS- 059 CS- 060		10 <10 10 <10 <10	<1 1 1 <1 1	0.06 0.07 0.07 0.07 0.07	10 10 10 10 10	0.53 0.57 0.58 0.56 0.58	458 454 459 443 456	<1 <1 <1 <1 <1	0.01 0.02 0.02 0.02 0.02	29 30 32 32 33	440 450 460 450 450	12 12 12 11 12	0.02 0.01 0.01 0.01 0.01	<2 <2 <2 <2 <2 <2	4 4 4 4	28 31 31 31 31
CS- 061 CS- 062 CS- 063		10 <10 <10	1 1 <1	0.08 0.07 0.07	10 10 10	0.62 0.58 0.58	476 457 465	<1 <1 <1	0.02 0.02 0.02	31 32 33	430 480 470	12 12 11	0.01 0.01 0.01	<2 <2 <2	5 4 4	32 32 32



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									CERTIFICATE OF ANALTSIS VATIZUSZZS
	Mathad	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME- ICP41	ME-ICP41	ME-ICP41	
	Method Analyte	Th	Ti	TI	U	V	W	Zn	
Sample Description	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	
Sample Description	LOR	20	0.01	10	10	1	10	2	
CS- 041		<20	0.10	<10	<10	68	<10	58	
CS- 042		<20	0.11	<10	<10	69	<10	61	
CS- 043		<20	0.10	<10	<10	64	<10	63	
CS- 044		<20 <20	0.09	<10 <10	<10 <10	57 50	<10 <10	68 71	
CS- 045		455554	WALKSTON .	AMER	V2555	Bussells	8255	102	
CS- 046		<20	0.08	<10 <10	<10 <10	53 50	<10 <10	70 76	
CS- 047 CS- 048		<20 <20	0.08	<10	<10	69	<10	59	
CS- 049		<20	0.11	<10	<10	69	<10	59	
CS- 050		<20	0.11	<10	<10	72	<10	61	
CS- 051		<20	0.10	<10	<10	72	<10	62	
CS- 052		<20	0.10	<10	<10	70	<10	59	
CS- 053		<20	0.11	<10	<10	69	<10	59	
CS- 054		<20	0.11	<10	<10	70	<10	61	
CS- 055		<20	0.11	<10	<10	71	<10	62	
CS- 056		<20	0.11	<10	<10	68	<10	62	
CS- 057 CS- 058		<20 <20	0.11 0.11	<10 <10	<10 <10	70 73	<10 <10	61 63	
CS- 059		<20	0.11	<10	<10	71	<10	62	
CS- 060		<20	0.11	<10	<10	72	<10	63	
CS- 061		<20	0.12	<10	<10	76	<10	64	
CS- 062		<20	0.11	<10	<10	72	<10	64	
CS- 063		<20	0.11	<10	<10	73	<10	65	