GEOLOGICAL AND GEOCHEMICAL

ASSESSMENT REPORT

for the

CARLIN GOLD CORPORATION - CONSTANTINE METAL RESOURCES LTD. JOINT-VENTURE (CCJV) PROJECT

on the

MP PROPERTY GROUP HM02909

MP 1-74 YE29341-YE29350 owned by Carlin Gold Corporation

where work was performed from

July through September, 2011

in the

Mayo Mining District, Yukon
NTS Sheet 105O/01 & 08

centered at

UTM NAD 83 Zone 9, 439000E 7015000N

June 26, 2012

Prepared by:

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SUMMARY

Carlin Gold Corporation ("Carlin") and Constantine Metal Resources Ltd ("Constantine") staked the MP 1-74 claims in March 2011. All claims are part of a 50/50 joint venture between Constantine and Carlin ("CCJV"). For assessment filing purposes the MP claims ("Property") are Group HM 02929.

Review of regional silt sample (RGS) data, available geological data (mostly from the Yukon Geological Survey – YGS), and the YGS MINFILE database resulted in identifying the MacMillan Fold Belt as a target area displaying several characteristics prospective for Carlin-type deposits. The Property was one of three claim groups staked by the CCJV in the MacMillan Fold Belt. Staking followed the public announcement by ATAC Resources Ltd. of the discovery of Carlin-style mineralization at the Osiris and Conrad zones in an area that is now being referred to by ATAC as the Nadaleen trend. The eastern end of the Nadaleen trend, as currently defined, is located approximately 140 kilometers northwest of the MP property. The large MacTung tungsten deposit is located on the Yukon-Northwest Territories border, 3 km northeast of the Property.

The claim area is underlain by Cambrian through Devonian age clastic sedimentary rocks, most of which are assigned to either the Road River or Earn groups. A modest size 2.3 km (east-west) by 1.3 km (north-south) Cretaceous age quartz monzonite body is exposed on the east side of the Property.

An initial stage of reconnaissance geochemical sampling was completed using predominantly contour soil sample traverses. The survey included collection of 131 soils, 7 silts, and 14 rock samples. Field sample preparation of soil and silt samples was done to produce -80 mesh sample material for analysis. Field XRF analysis, primarily for the purpose of arsenic determination, was done on all samples prior to analysis at Acme Analytical Laboratoies Ltd (AcmeLabs) in Vancouver, B.C., for 36 element ICP-MS and 30 gm AA determination for gold.

The 2011 sampling program encountered anomalous gold and arsenic values within a partially defined 1.2 kilometer long north northwest trending zone developed in shales of the Devonian Portrait Lake Formation (Earn Group). This area requires additional soil sampling to better define the anomaly and reconnaissance-style mapping, prospecting and rock sampling to properly evaluate the mineralization potential on the claim block. Areas of elevated tungsten were also encountered within the soil survey and warrant additional investigation.

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1. INTRODUCTION

1.1 Location and Access

The MP property ("Property") is located in east-central Yukon centered at 439000E 7015000N UTM NAD83 Zone 9 on NTS sheet 105O/01 & 08. The Property is situated 145 km northeast of the community of Ross River and 5 km north of the North Canol Road (Fig. 1).

1.2 Physiography and Vegetation

The Property is located within the Hess Mountains, nine kilometers west of MacMillan Pass. It is located within rugged terrain with elevations ranging from 1400 meters on the south edge to over 2300 meters on the east edge at the Yukon/Northwest Territory border. The Property is within the Hess River portion of the Stewart River basin. Highest elevations are characterized by rubble crop, talus and abundant outcrop along the ridges. Vegetation is sparse, with stunted conifers and buckbrush towards the tree line. Alpine tundra vegetation covers higher elevations.

1.3 Claim Details

The Property consists of 74 contiguous active quartz claims in claim group HM02909 covering an area of 11 square kilometers that are located in the Mayo Mining District, Yukon. Carlin Gold Corporation is the owner on record with the Yukon Mining Recorder. Constantine and Carlin Gold Corporation collectively hold a 100% interest in the Property, pursuant to a 50/50 joint venture agreement between the two parties ("CCJV"). Table 1 shows the claim summary of the property. A complete list of claim details is included in Appendix B.

Table 1. Claim Summary for the MP Property[1] - Group HM02909

Claim Name	Claim No.	Grant No. (to)	Total No.	Expiry Date[1]	NTS Sheet	Registered Owner
MP	1-74	YE14781-YE14904	74	04/04/2015, 04/04/2017	105O/01 &105O/08	Carlin Gold Corporation - 100%

[1]*Individual claim expiry dates may vary. Refer to Appendix B for more details.*

1.4 Exploration History

There are no MINFILE occurrences located on the Property. The MacTung deposit is located on the Yukon-Northwest Territories border, 3 km northeast of the Property (see Figure 2). MacTung is a scheelite-bearing skarn deposit, with potentially mineable reserves of 25.3 million tonnes grading 0.88% WO_3 (MINFILE report 105O 002). MINFILE 105O 016, Standard, is a polymetallic Ag-Pb-Zn±Au vein showing located 4.7 km east of the Property. MINFILE 105O 036, Fan, is a Sedex Barite (Zn-Pb-Ag) showing located 6.2 km west of the Property.

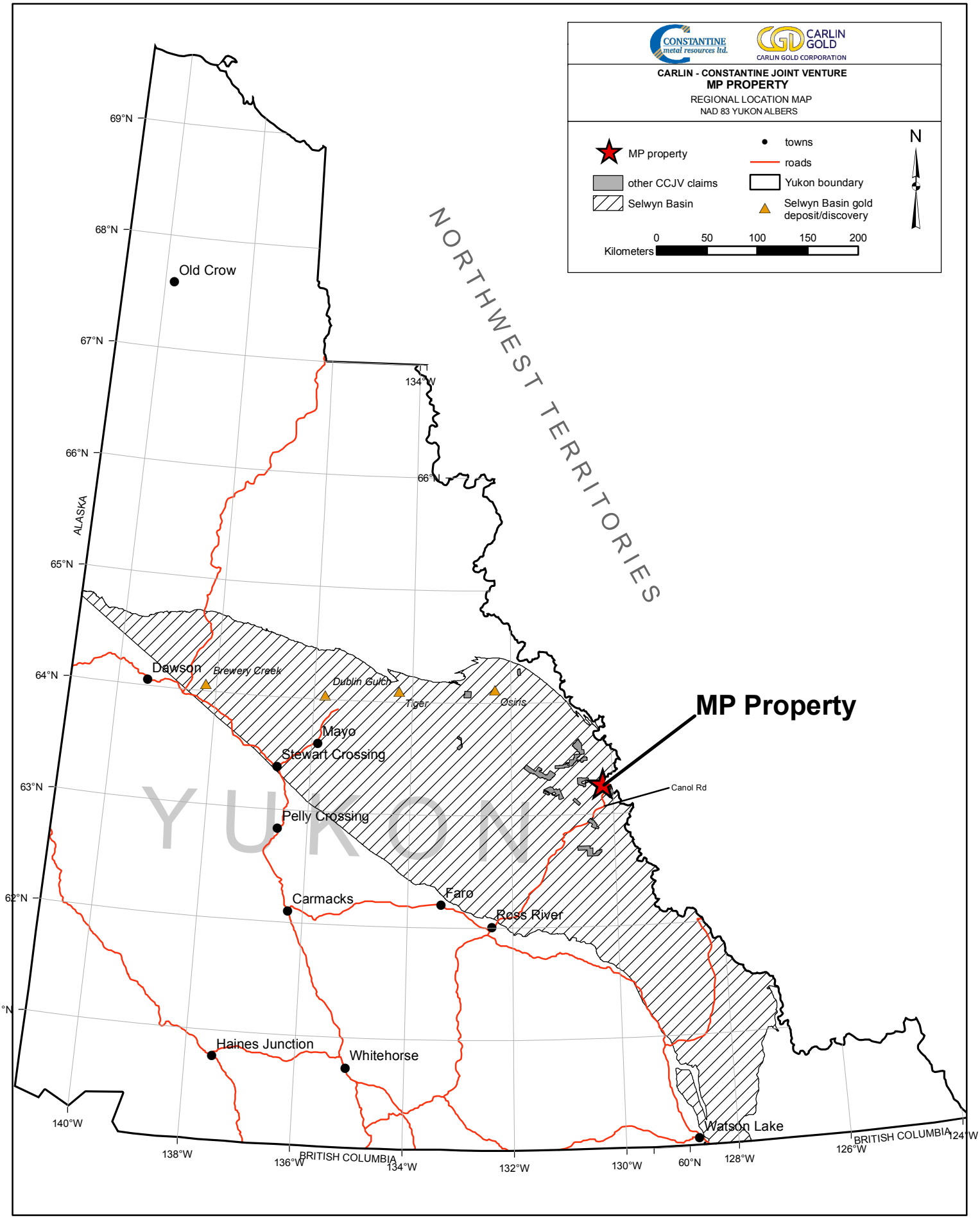

Figure 1. MP property regional location map

2. GEOLOGICAL SETTING

2.1 Regional Geology

The Property is located on the northeast edge of the Selwyn Basin, within an area conventionally referred to as the MacMillan Fold Belt. The Selwyn Basin lies on the northeast side of the Tintina Trench, within the northwestern Omineca Belt that extends northward from British Columbia, through Yukon and northwest into Alaska. The Selwyn Basin occupies much of central and southeastern Yukon (Fig. 1) and extends east into the southeast edge of the Northwest Territories (Goodfellow, 2007). It comprises the offshelf continental margin of ancestral North America, containing deep-water shales and clastic wedges (basinal strata of Colpron and Nelson, 2011) bounded by platform carbonates to the northeast (platformal strata of Colpron and Nelson, 2011). This basinal rock sequence ranges in age from Late Proterozoic though Devonian (Gordey and Anderson, 1993) and has undergone folding and faulting subsequent to deposition. Some of the more prominent regional-scale thrust faults that imbricate rocks of the Selwyn Basin include the Robert Service, Dawson, and Tombstone Thrusts.

The Property is located near the eastern edge of the Tintina gold belt (TGB). The TGB follows an arcuate trend of mid- to late- Cretaceous granitoid intrusions extending from eastern Alaska, across central Yukon to the common Yukon-British Columbia-Northwest Territories border, roughly parallel to the accretionary ancestral North American craton boundary. These intrusions are referred to as "Tombstone Suite" intrusions, and also referred to in the Yukon as the Selwyn Intrusive Suite. In southeast Yukon the 98-92 Ma Tombstone/Selwyn intrusions were emplaced into folded and faulted stratigraphy of the Selwyn Basin. These granitoids were intruded following a period of terrane collision, crustal thickening and lower greenschist-facies metamorphism.

2.2 Property Geology

The Property is part of the MacMillan Fold Belt which was mapped and published as an open file report by Abbott (1983). The original maps consisted of three black and white sheets at 1:50,000 scale. The map was refined and published in 2011 as a single colored open file map, with a digital version made available in 2012 (Abbott, 2012). The MacMillan Fold Belt is defined by Abbott (1982) as "an anomalous west-trending feature made up of three parallel elongate domains called the North, Central and South Blocks. Each is characterized by distinctive styles of deformation and Devonian strata." The MP claims are located in the Central Block. Table 2 contains descriptions of the geologic units that occur on and adjacent to the Property.

The claim area is underlain by Cambrian through Devonian age clastic sedimentary rocks, most of which are assigned to either the Road River or Earn groups. The northern portion of the Property (Fig. 2) is characterized by an east-west trending syncline cored by shale and sandstone facies of the MacMillan Pass member of the Middle to Upper Devonian Portrait Lake Formation, part of the Earn Group assemblage of rocks. A regional scale east-west trending thrust fault passes through the central portion of the property. A modest size 2.3 km (east-west) by 1.3 km (north-south) Cretaceous age quartz monzonite body is exposed on the east side of the Property. This intrusion has been described as the Rockslide Mountain Stock by Atkinson & Baker (1986).

438000

7014000

Mactung

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FIGURE 2. GEOLOGY MAP OF THE MP PROPERTY

UTM NAD 83 Zone 9
1 : 30 000

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GEOLOGIC UNITS

CRETACEOUS
- Kg — Intrusions

DEVONIAN
Earn Group
- DI — Itsi Formation

Portrait Lake Fm
- DF — Fuller Lake Member

MacMillan Pass Member
- DMcg — Conglomerate Facies
- DMss — Sandstone Facies
- DMsh — Shale Facies
- DN/ba — Niddery Lake Member

MIDDLE DEVONIAN
- Dv — Macmillan Pass Volcanics

UPPER SILURIAN TO MIDDLE DEVONIAN
- SDS — Sapper Formation

MIDDLE TO UPPER SILURIAN
- SS — Steel Formation

LOWER ORDOVICIAN TO MIDDLE SILURIAN
- OSD — Duo Lake Formation

MIDDLE ORDOVICIAN TO MIDDLE DEVONIAN
- OSDu — Duo Lake/Steel/Sapper undivided

UPPER CAMBRIAN TO MIDDLE ORDOVICIAN
- COR — Rabbitkettle Formation

MIDDLE CAMBRIAN
- CH — Hess River Formation

CAMBRIAN TO ORDOVICIAN
- COG — Gull Lake Formation

NEOPROTEROZOIC TO LOWER CAMBRIAN
- PCV — Vampire Formation

0 500 1,000 1,500 2,000
Meters

OTHER
- overturned anticline
- anticline
- overturned syncline,
- syncline
- fault
- thrust fault
- MP property boundary
- MINFILE occurence

N

Table 2. Regional Geologic Units (Abbott, 2012)

Unit	Name	Age	Description
Kg		Cretaceous	Resistant, block, grey weathering, porphyritic to equigranular biotite quartz monzonite and biotitie granite. Metamorphic aureoles around the plutons are generally extensive
DI	Earn Group – Itsi Formation	Upper Devonian	Resistant, brown weathering, thick-bedded, parallel laminated and ripple cross-laminated micaceous sandstone, siltstone and shale.
DF	Earn Group – Portrait Lake Fm – Fuller Lake Member	Upper Devonian	Talus-forming silver-blue weathering, platy, siliceous shale, minor chert. Thin beds of coarse-grained limestone and platy, grey weathering barite in beds less than 1m thick occur intermittently near the top of the unit.
DMcg	Earn Group – Portrait Lake Fm – MacMillan Pass Member – Conglomerate Facies	Middle to Upper Devonian	Resistant grey weathering, massive chert-pebble conglomerate with minor sandstone and grit. The conglomerate occurs mainly as a continuous horizon near the top of the MPM but also forms lenses within the shale facies.
DMss	Earn Group – Portrait Lake Fm – MacMillan Pass Member – Sandstone Facies	Middle to Upper Devonian	Brown weathering, coarse to medium-grained sandstone, siltstone with lesser chert and quartz sandstone, grit and minor chert conglomerate
DMsh	Earn Group – Portrait Lake Fm – MacMillan Pass Member – Shale Facies	Middle to Upper Devonian	Brown weathering, thinly laminated "pinstripe" grey shale and siltstone with lesser chert and qtz sandstone, grit and minor chert congl.
DN, ba1	Earn Group – Portrait Lake Fm – Niddery Lake Member	Lower to Middle Devonian	Black to dark blue weathering, thin-bedded chert, cherty argillite, and siliceous sale. North of Macmillan fault zone, light grey bioclastic limestone forms beds up to severatl meters thick in uppermost exposures of the unit. Ba1, barite and limestone lenses up to 30m thick are widespread and may represent one or more tectonically dismembered horizons.
Dv	Earn Group (?) MacMillan Pass Volcanics	Middle Devonian	Orange weathering, carbonate-rich mafic flows and volcaniclastic rocks and minor related sedimentary rocks.
OSDu	Sapper, Steel, Duo Lake Formations undivided	Middle Ordovician to Middle Devonian	
SDS	Sapper Formation	Upper Silurian	Recessive, buff to tan weathering, platy,

		to Middle Devonian	silty limestone, calcareous black shale.
SS	Road River Group Steel Formation	Middle to Upper Silurian	Orange to green weathering, bioturbated, wispy laminated, green shale and mudstone. Thick beds of orange weathering, pyritic dolostone are intermittent.
OSD	Road River Group Duo Lake Formation	Lower Ordovician to Middle Silurian	Brown weathering medium-bedded siliceous shale and chert overlain by silver to dark blue weathering, thin-bedded, black chert and siliceous shale. Grades westward to chert equivalent to the Elmer Creek Fm in 105O/7 of the MacMillan fault zone.
COR	Rabbitkettle Formation	Upper Cambrian to Middle Ordovician	Buff to grey weathering, thin-bedded, silty limestone with minor limestone and grey shale interbeds. Northwesternmost exposures consist of massive to thick-bedded grey and orange weathering limestone.
CH	Hess River Formation	Middle Cambrian	Blue brown weathering, siliceous black shale with minor limestone and limestone conglomerate
COG	Gull Lake Formation	Cambrian to Ordovician	Brown weathering, finely laminated bioturbated grey and olive green shale with variable amounts of tan weathering silty limestone, grey limestone and minor limestone conglomerate.
PCV	Vampire Formation	Neoproterozoic to Lower Cambrian	Resistant, dark brown and grey weatherin, grey shale, siltstone and minor qtz arenite.

2.3 Mineralization Potential (pre-Program assessment)

The Property was one claim group among several that were staked in 2011 as part of a 50/50 joint venture between Carlin Gold Corporation and Constantine Metal Resources Ltd. (CCJV). The primary target for the CCJV is Carlin-style mineralization. Staking followed the public announcement by ATAC Resources Ltd. of the discovery of Carlin-style mineralization at the Osiris and nearby Conrad zones in an area that is now being referred to by ATAC as the Nadaleen trend. The eastern end of the Nadaleen trend, as currently defined, is located approximately 140 kilometers northwest of the MP property.

Review of regional silt sample (RGS) data, available geological data (mostly from the Yukon Geological Survey – YGS), and the YGS MINFILE database resulted in identifying the MacMillan Fold Belt as a prospective area for Carlin-type deposits. The region meets several diagnostic criteria which are characteristic of Carlin-type deposits in Nevada, including the following: 1. ancient continental margin setting, 2. prominent regional scale thrust faults 3. favourable carbonate-bearing host rock stratigraphy, and 4. key pathfinder elements in regional stream sediments. The review and favorable regional comparisons resulted in staking the Property along with two additional properties, MC (13km west) and Jerry (7 km southeast), located in the MacMillan Fold Belt. The existence of intrusive bodies on and adjacent to the Property is viewed as a positive feature for potential occurrence of Carlin-type mineralization. There are many examples in Nevada where Carlin-type mineralization is developed within or directly adjacent to the contact aureole of granitic/granodioritic stocks, e.g. Getchell, Goldstrike and Cortez Hills.

Five silt samples from the regional stream geochemistry database (RGS data) are located within drainage basins that at least partially cover the Property (Fig. 3). Although gold values are subdued, other important pathfinder "Carlin-type" elements are significant. Four of the five samples are in the 90th percentile (≥ 43 ppm) for arsenic, with two samples in the 95th percentile for arsenic (≥ 75 ppm). One sample is in the 90th percentile for mercury (≥ 285 ppb). Three of the five samples are in the 90th percentile for antimony (≥ 5.6 ppm), with one in the 95th percentile (≥ 8.3 ppm). Percentiles are based on the 31,067 sample RGS population clipped to Selwyn Basin area (8,119 samples).

Table 3. RGS Data for the MP property

SAMPLE NUMBER	SAMPLE ID	Au (ppb)	As (ppm)	Hg (ppm)	Sb (ppm)	Cu (ppm)	Mo (ppm)	Pb (ppm)	Ba (ppm)	U (ppm)	W (ppm)	Zn (ppm)	Tl (ppm)
901509	105O901509	7	37	191	9.4	129	37	17	5800	10	1	323	0.5
903285	105O903285	4	170	72	3.1	61	7	25	1500	16	26	304	0.4
903288	105O903288	4	67	351	7.9	207	20	26	3300	17	2	1083	0.7
903290	105O903290	8	300	56	3.1	108	8	38	1500	21	25	277	0.2
903293	105O903293	8	50	97	7.6	140	24	25	6800	15	26	1360	0.9

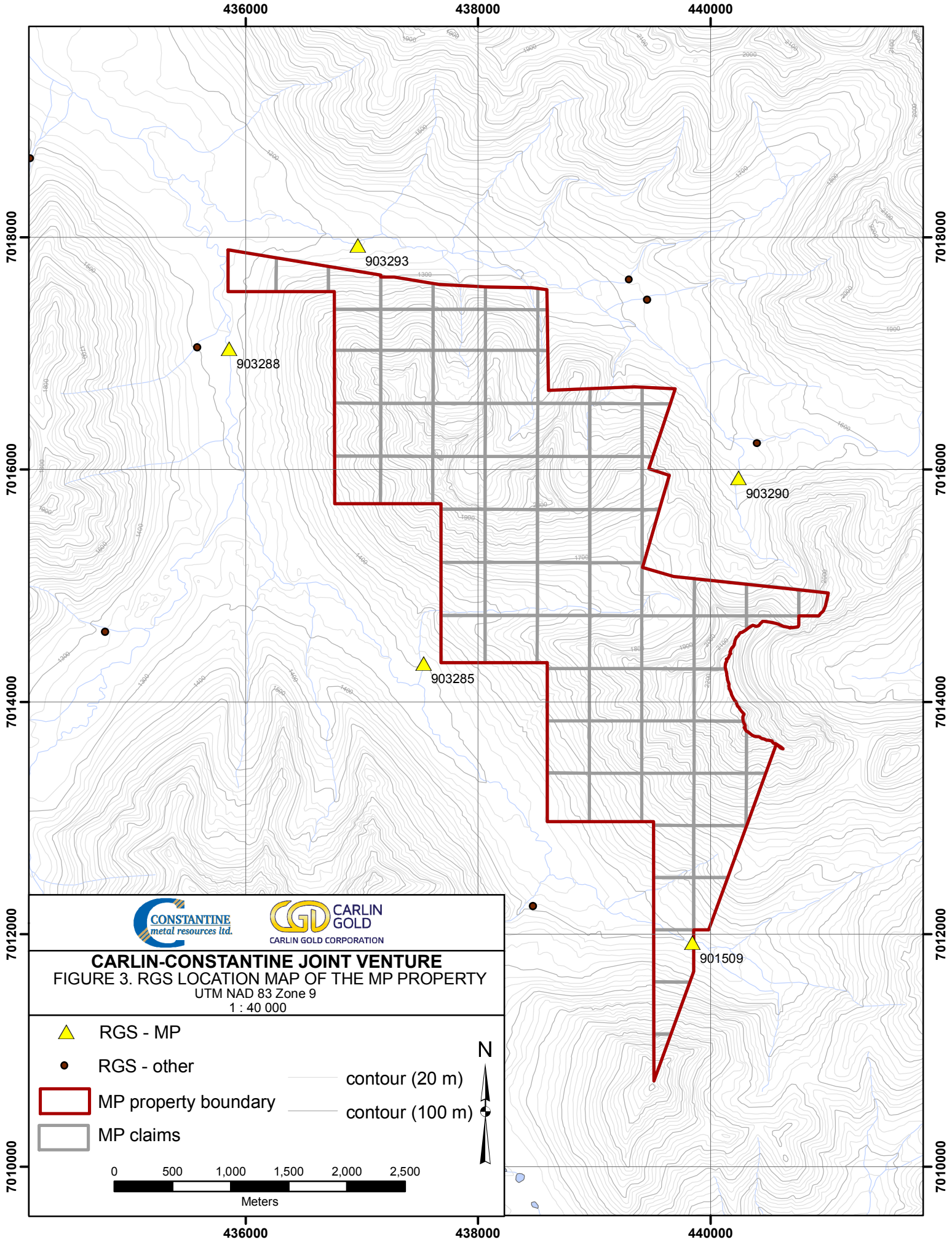
436000
438000
440000
7018000
7016000
7014000
7012000
7010000
903293
903288
903290
903285
901509
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FIGURE 3. RGS LOCATION MAP OF THE MP PROPERTY
UTM NAD 83 Zone 9
1 : 40 000
RGS - MP
RGS - other
MP property boundary
MP claims
contour (20 m)
contour (100 m)
N
0
500
1,000
1,500
2,000
2,500
Meters

3. WORK PROGRAM

3.1 Sampling Area

A total of 152 samples were collected on the Property, including 14 rocks, 7 silts, and 131 soils. Contour sampling was the sampling approach, with nominal sample spacing at 100-125 m. Figure 4 shows the sample locations.

3.2 Sample Preparation and Procedures

All soils and silt samples collected were dried and sieved on site (North Canol base camp) and analyzed with a portable XRF unit prior to shipping to AcmeLabs in Vancouver, B.C. All rock samples were shipped to the AcmeLabs sample preparation facility in Whitehorse, Yukon, for sample preparation and subsequent analysis at AcmeLabs in Vancouver, B.C

3.2.1 Sampling Procedure

All soils were collected in Kraft Wet Strength 4" by 6" soil bags, and the silts in Hubco New Sentry 5" by 8.5" bags. These bags were pre-labeled and inserted with two of a three part barcoded sample tag series prior to sampling. The third part of the sample tag was left in the sample booklets for the sampler to write notes and/or descriptions which were then recorded in the database. Each sample type have a unique sample series: rock samples have 5-digit sample number starting with a "5XXXX", silts have a 9-digit sample number starting with a "1180XXX", and soils have a 9-digit sample number starting with a "118XXXX". Samples were collected using the blade portion of a Geotul, and dug to depths ranging from 15 cm to 0.5 m (in most cases this was C horizon). Care was taken to sample below organic material and a 2000 year old volcanic ash layer that may be locally present

3.2.2 Drying Procedure

After sampling, bags were hung orderly in a drying tent at the end of each traverse/sampling day. The drying tents were constructed of canvas tents, with tarps overlain on top of each tent to keep off elements of nature and moisture. Samples were hung on drying racks, with adequate spacing between each sample to ensure air flow. A series of heaters, fans, and de-humidifiers were placed in strategic places in the tents to maintain warm moving air and improve drying time. Soil samples were left to dry for at least 3 days, while silt samples were dried for at least 5 days, with actual drying time dependent on the moisture content of the samples. Occasionally, the samples were broken up using a rubber mallet in order to increase the surface area for drying as they tend to harden throughout the drying process.

436000 438000 440000

7018000 7016000 7014000 7012000 7010000

1180864 1180862 1180861 1182516 1182910 1182909 1182911

1370859 1370860 1370861 55382 55141 1370862 1370863 1370864 1370865 55383 1370866 1370867 55384 55142 55143 55144 1370868 55385 55386 1370869 1370870 1370871 1370872 1370873 1370874 55387 1370875 1370876 1370877 1370878 1370879 1370880 1370881 1370882 1370883 1370884 1370885 1370886 1370887 1370888 1370889 1370890 1370891 1370892 55388 1370893 1370894 1370895 1370896 1370897 1370898 1370899 1370900 1370901 1371501 1371502 1371503 1371504 1371505 1371506 1371507 55212 55213 55214 1371508 1371509 1371510 1371511 1371512 1371513 1371514 1371515 1371516 1371517 1371518 1371519 1371520 1371521 1371522 1371523 1371524 1371525 1371526 1371527 1371528 1371529 1371530 1371531 1371532 1371533 1371534 1371535 1371536 1371537 1371538 1371539 1371540 1371541 1371542 1371543 1371544 1371545 1371546 1371547 1371548 1371549 1371550 1371551 1371552 1371553 1371554 1371555 1371556 1371557 1371558 1371559 1371560 1371561 1371562 1371563 1371564 1371565 1371566 1371567 1371568 1371569 1371570 1382901 1382902 1382903 1382904 1382905 1382906 1382907 1382908 1382909 1382910 1382911 1382912 1382913 1382914 1382915 1382916 1382917 1382918 1382919 1382920 1382921 1382922 1382923 1382924 1382925 1382926 1382927 1382928 1382929 1382930 1382931 1382932 1382933

1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200

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FIGURE 4.SAMPLE LOCATION MAP OF THE MP PROPERTY

UTM NAD 83 Zone 9

1 : 20 000

SILT

SOIL

ROCK

MP property boundary

river

contour (100 m)

contour (20 m)

lake

N

0 500 1,000 1,500 2,000

Meters

3.2.3 Sieving Process

The dried samples were then sieved, using a series of automated Gilson SS15 sieve shakers. Samples were broken up and emptied from the bags, with sample tags removed, and placed into a clean stackable set of Tyler 8" stainless steel collecting pans and 80 mesh sieves. Organic matter was discarded and large rock chips were removed prior to sieving. Each pan-sieve set was then loaded onto the shakers in stacks of three sets and shaken for at least 4 minutes. Once shaken, the pans were unloaded and the fine fractions were poured into Tin Top 3" by 5" pulp bags that were tagged with the first part of the three-part sample tags. The second sample tag was then stapled to the original Kraft soil, into which the coarse fractions was poured back. The pans and sieves were then cleaned using a soft brush for the next batch of samples to be processed.

3.2.4 XRF Sample Cup Preparation

A small portion of -80 mesh sieved sample was placed into a sample cup for analysis by the XRF analyzer. The sample material was poured into a 32 mm Double-Open Ended with Ventable Reservoir Cap Universal XRF sample cups until 3/4 full, with one end covered with a Premier Polypropylene X-Ray film of 6.0 µ; 0.24 mil, all of which were supplied by Premier Lab Supply. The sample material was then pressed tightly against the film with a cotton ball, and sealed with the Ventable Reservoir Cap. The remaining -80 mesh material was kept together with the analyzed cups until completion of the analysis to ensure integrity of the samples.

3.3 XRF Analysis

3.3.1 XRF Analyzing Procedure

All prepared samples were analyzed with the Thermo Scientific Niton Gold XL3t 500 GOLDD^{TM} handheld X-Ray Fluorescence Analyzer. This analyzer was mounted on a portable test stand, and connected to a field computer. All operations were performed remotely via the computer. Analysis was performed in "Soils" mode, running with 3 filters, at 10 seconds per filter for a total of 30 seconds per sample. (Note: All analyses and operations with the XRF analyzer were in compliance with Canada Federal Regulations).

Prior to the analysis, the barcode on each sample was scanned, followed by placing the corresponding sample cup in the analyzer. The test stand lid was closed, locked, and the sample was then analyzed. Data was automatically recorded, saved directly to the analyzer and simultaneously downloaded to the computer. Two internal standards as well as a lab standard was analyzed every 30 readings. The internal standards were soil matrices from Nevada in a mineralized sediment-hosted environment and the lab standard, "Till 4" was a representative standard for a typical soil matrix. After analysis, the sample cups were labelled and stored, while the remaining -80 mesh fraction samples were shipped to the AcmeLabs in Vancouver, B.C., for further analysis.

3.3.2 XRF Data Analysis

The on-site data XRF analysis allowed for immediate follow-up sampling of areas with anomalous pathfinder elements prior to the return of formal laboratory assay results. The stand mounted handheld XRF analyzer was mainly used for arsenic determination. Arsenic produced the most consistent and reliable data and is strongly correlated with gold in many mineralized environments. To determine the relationship between the field XRF and the assay lab determinations of arsenic, a linear regression analysis was produced (Fig. 5) using the data from the XRF and assay results for much of the CCJV property-wide database (8,880 samples). This shows a coefficient of determination factor of 0.991 which equates to excellent correlation between both determinations.

3.4 Assay Procedure

The prepped soil and silt samples were shipped to AcmeLabs in Vancouver for "1DX2" assay determination. Sample splits of 15 grams were subjected to a hot (95°) Aqua Regia digestion with a 36 element determination (including gold) by ICP-MS technique. The 15 gram split is deemed an adequate size, for a digestion type analyses, to provide sufficiently reliable gold values for the purpose of the soil and silt surveys.

The rock samples were shipped to the AcmeLabs sample preparation facility in Whitehorse. The rock sample is crushed to 10 mesh, from which a 250 g sample split was produced. The split was pulverized to 200 mesh for analysis. The prepared sample was then shipped to AcmeLabs in Vancouver for analysis. A 0.5 gram subsample was subjected to Aqua Regia digestion and 36 element ICP-MS analysis (AcmeLabs code "1XD1"). A separate 30 gram subsample was analyzed by standard fire assay preparation with Atomic Absorption finish.

For samples reporting upper analytical limit for gold (10 ppm), silver (100 ppm), zinc (10,000 ppm) and lead (10,000 ppm), overlimit assays were completed.

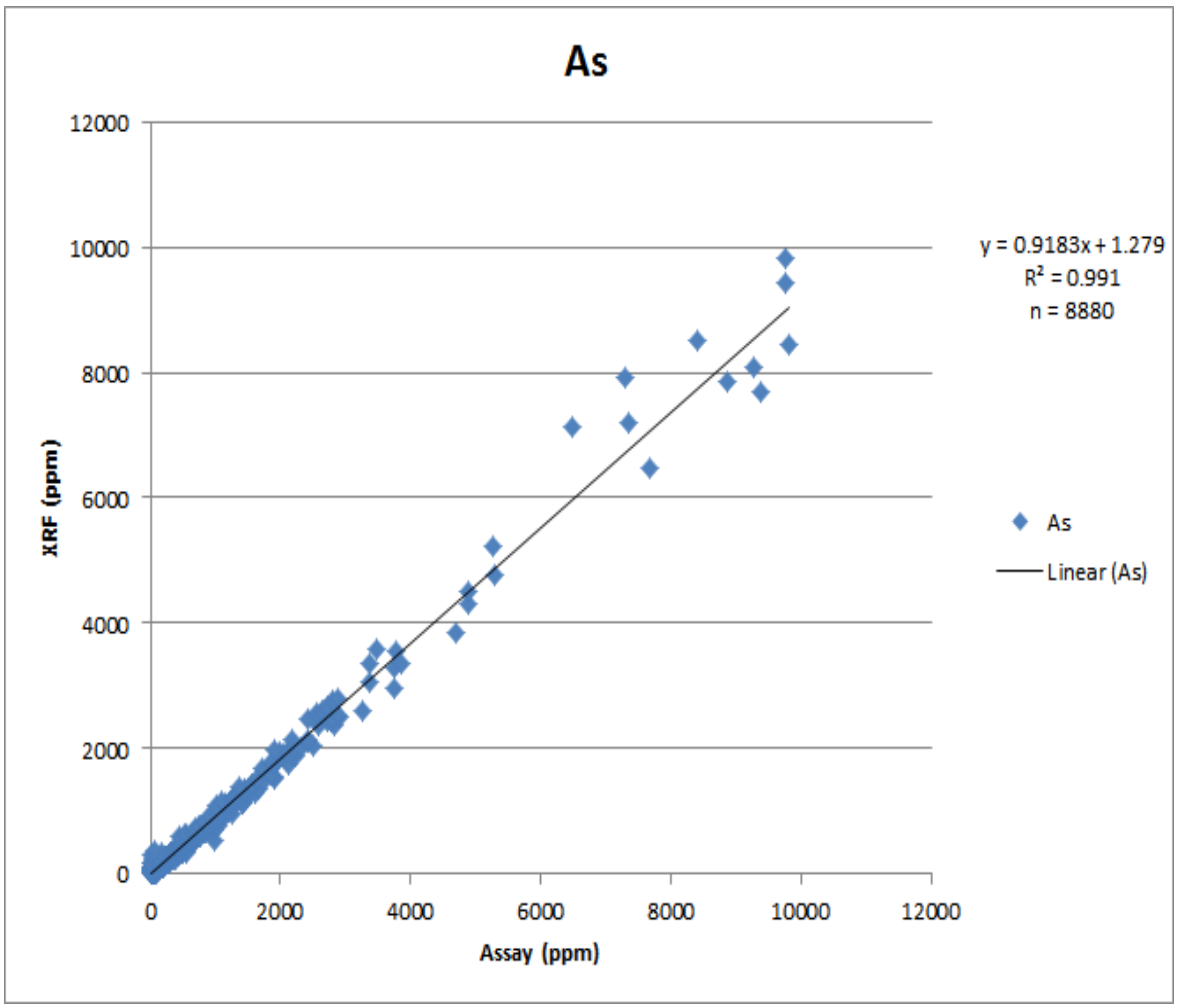


Figure 5. XRF linear regression analysis for Arsenic

3.5 Personnel

The following personnel did all of the applicable work for assessment:

Geologists

Darwin Green
Robert Thomas
K. Wayne Livingstone
Nathan Steeves
Aisyah Abdkahar
Roy Greig, geologist and sample crew chief (C. J. Greig & Associates Ltd.)

Field Technicians (provided by C.J. Greig & Associates Ltd.)

Brittney Bidlake
Kei Quinn
Kelsey Rufiange
Lukasz Jarawka
Mairi Greig

Pilot

Taylor Morrison, Kluane Helicopters

3.6 Expenditures

Table 4. Table of Expenditures for the MP Property

Statement of Expenditures - MP Property Group (HM02909)			
July-September 2011 Reconnaissance Field Program - Soils, Silts, and Prospecting			
LABOUR	**UNIT**	**RATE**	**TOTAL**
Project Manager (R.Thomas/D.Green)	2	600	1,200
Crew Chief (R.Greig)	2	400	800
Geologist/Dbase Manager	2	350	700
Sample Crew (CJ Greig and Assoc.)	4	315	1,260
Prospectors		400	
Sample prep crew and XRF operator	4	315	1,260
Subtotal			5,220
GEOCHEMISTRY			
Assay cost (Acme Analytical)			3,200
XRF equipment and prep lab rental and supplies			1,900
Shipping			240
Subtotal			5,340
CAMP COSTS	**UNIT**	**RATE**	**TOTAL**
Room and Board (all-in camp costs per head)*	14	225	3,150
Field Supplies			480
Subtotal			3,630
FIELD TRANSPORTATION			
Helicopter + Fuel (Kluane Helicopters)			8,505
Fixed Wing (Alkan Air)			1,525
Subtotal			10,030
REPORT WRITING			3,500
TOTAL			**27,720**

* all in camp costs include groceries, fuel, general camp supplies, truck rental ,salary of cook, camp manager, camp hands, Whitehorse support costs, expediting/transport of goods, tent and equipment rental etc.

4. GEOCHEMISTRY

4.1 Previous geochemical sampling

Regional, publicly available silt sample data (RGS) is available for the area. The 31,000 sample, Yukon-wide dataset was clipped to the boundaries of the Selwyn Basin, as it was determined that the statistics within this geological boundary would provide more meaningful information. There are a total of 8,119 samples within this clipped RGS dataset. Since the primary exploration target is a Carlin-type deposit, pathfinder elements of particular interest are gold, arsenic, mercury, antimony and thallium.

Five silt samples from the regional stream geochemistry database (RGS data) are located within drainage basins that at least partially cover the Property (Fig. 3). Gold values are subdued, however it should be pointed out that the closest RGS sample to the recent Osiris Carlin-type discovery (#106C011079), collected 1.2 kilometers down-drainage, contained only 8 ppb gold and 74.9 ppm arsenic. Two of the five RGS samples in the vicinity of the MP claims contain 8 ppb gold. Other important pathfinder "Carlin-type" elements are also significant. Four of the five samples are in the 90^{th} percentile for the Selwyn Basin population ($\geq$ 43 ppm) for arsenic, with two samples in the 95^{th} percentile for arsenic ($\geq$ 75 ppm). One sample is in the 90^{th} percentile for mercury ($\geq$ 285 ppb). Three of the five samples are in the 90^{th} percentile for antimony ($\geq$ 5.6 ppm), with one in the 95^{th} percentile ($\geq$ 8.3 ppm). The thallium RGS data is incomplete, but is available for the Osiris area and the closest sample to the discovery, #106C011079, contained 0.29 ppm Tl. The YGS has recently released open file RGS thallium data map sheet NTS105O, which covers the MP property. This new information indicates that 4 of the 5 local RGS samples illustrated in Figure 3 contain greater than 0.29 ppm Tl, with a high of 0.94 ppm (sample #903293). The regional thallium data requires more evaluation in order to make a meaningful interpretation.

4.2 Project Geochemical Sampling

The 2011 field program consisted of geochemical sampling, primarily contoured soil and silt sampling with nominal sample spacing at 100-125 meters on the Property. Soil traverses were laid out to best take advantage of topography, while providing efficient coverage of the existing mapped prospective geological features and Landsat TM anomalies. A total of 152 samples were collected on the Property, including 14 rocks, 7 silts, and 131 soils. Figure 4 shows the sample locations. Eleven individuals participated in the sampling program. Soil and silt samples were prepped on-site, and analyzed with a portable Niton XRF unit prior to shipment to the assay laboratory. Following XRF analyses, soil and silt samples were then transported to AcmeLabs in Vancouver, BC, where they were analyzed with a 36 element ICP-MS procedure. Rock samples were prepped in the AcmeLabs Whitehorse laboratory, and then shipped to Vancouver for analysis using ICP-MS and fire assay fusion ICP-ES for gold.

4.3 Geochemical distribution – CCJV Coverage

Soils

Statistical summaries for gold, arsenic, mercury, antimony, thallium, silver, copper, nickel, lead, zinc and bismuth are provided in Table 5. Property-wide gold, arsenic and tungsten values are illustrated in Figures 5a through 5c.

Table 5. Statistics for soil samples for the MP property (131 samples)

	Au (ppb)	As* (ppm)	Hg (ppm)	Sb (ppm)	Tl (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Ni (ppm)	Pb (ppm)	Bi (ppm)	W (ppm)
Max	82.2	10000	0.51	45.5	2.1	7.1	531	687	435.5	1245	43.3	76
Mean	6.53	191.97	0.05	5.03	0.5	0.89	120.31	134.7	47.24	43.46	1.12	1.97
Standard Deviation	8.47	879.59	0.07	6.41	0.34	0.83	85.6	107.18	53.72	108.93	3.8	7.08
95th percentile	18.7	582.4	0.17	14.1	1.1	2.1	258.6	333	108.5	84.6	2.3	7

*one sample at threshold

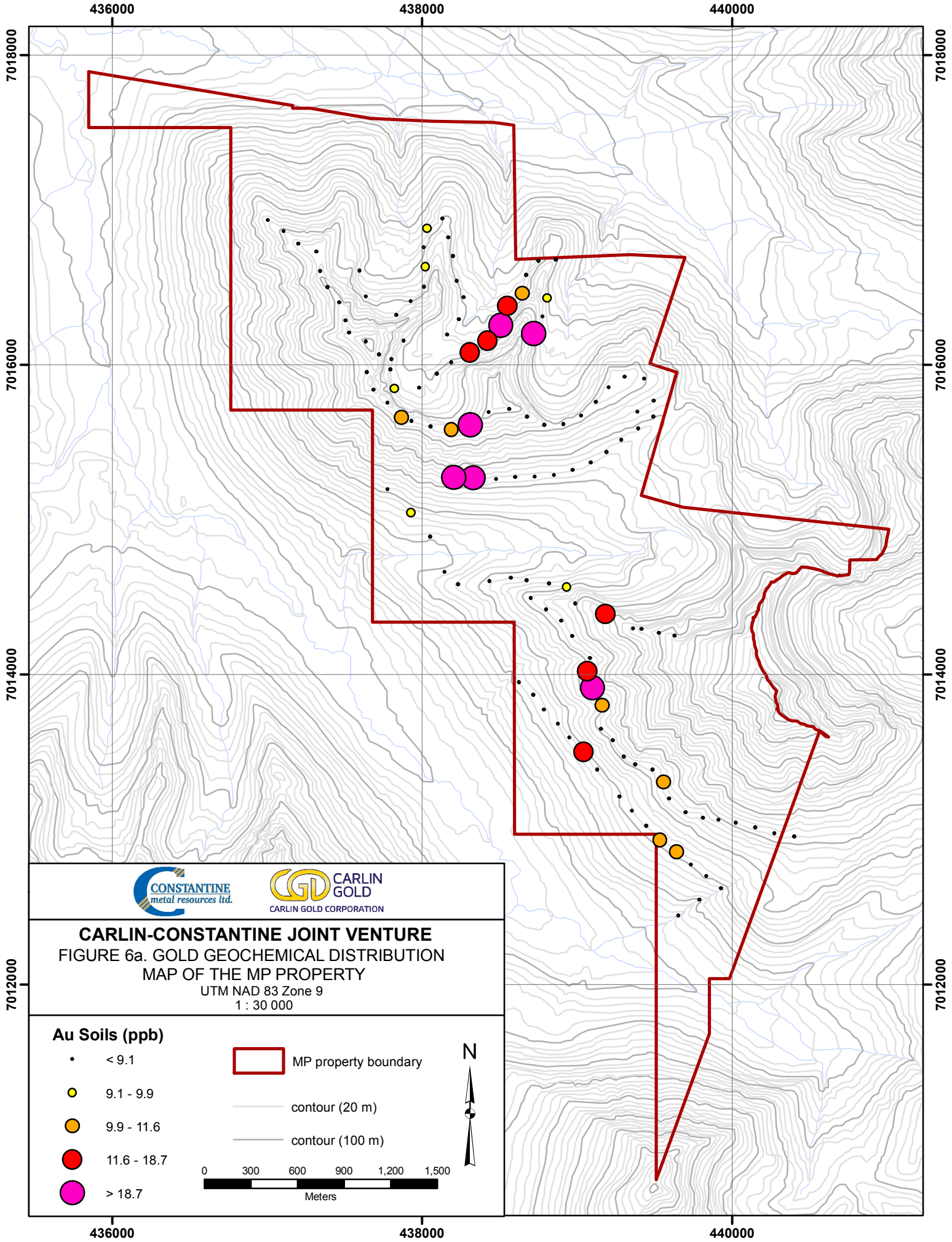
Silts

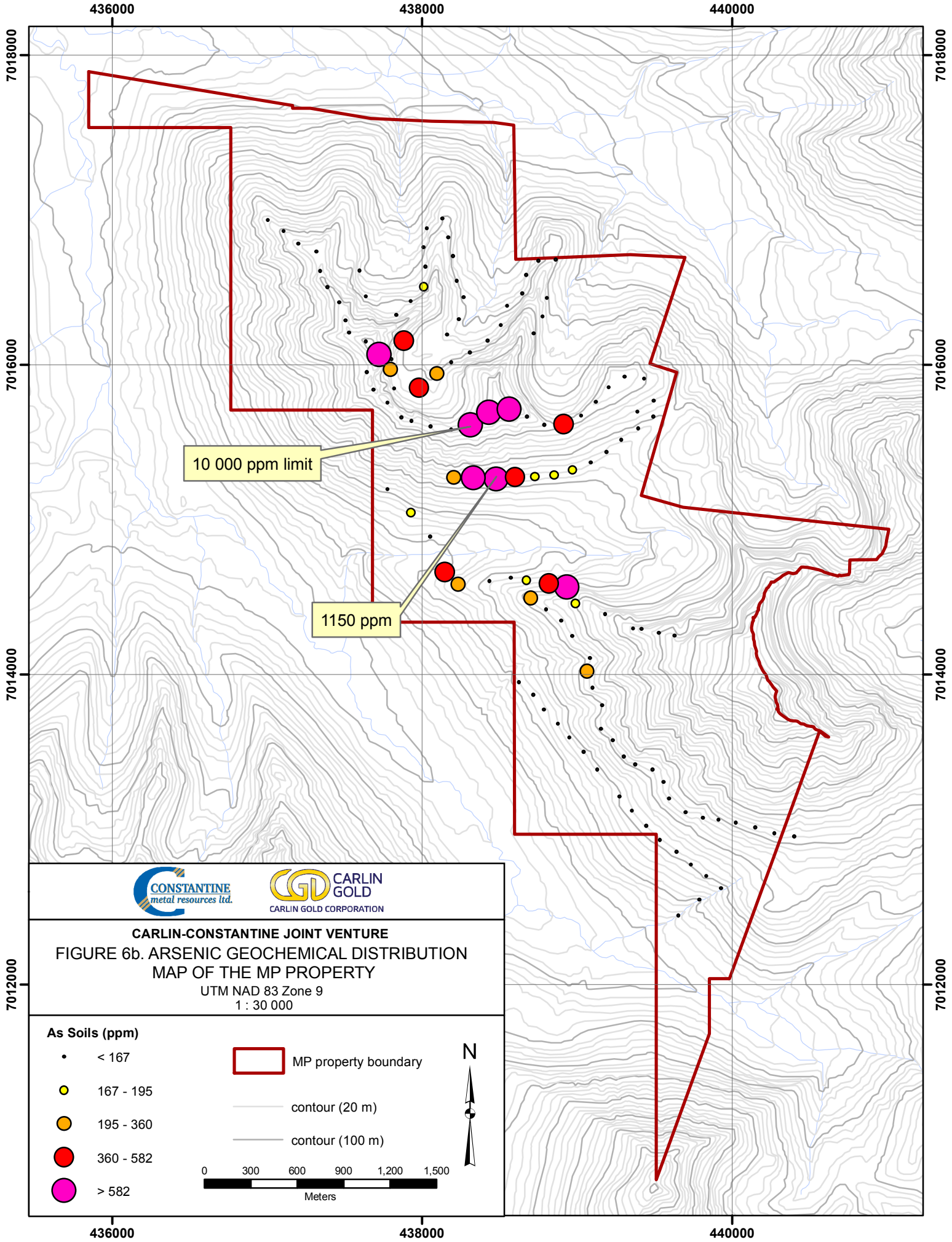
Table 6. Statistics for silt sample for the MP property (7 samples)

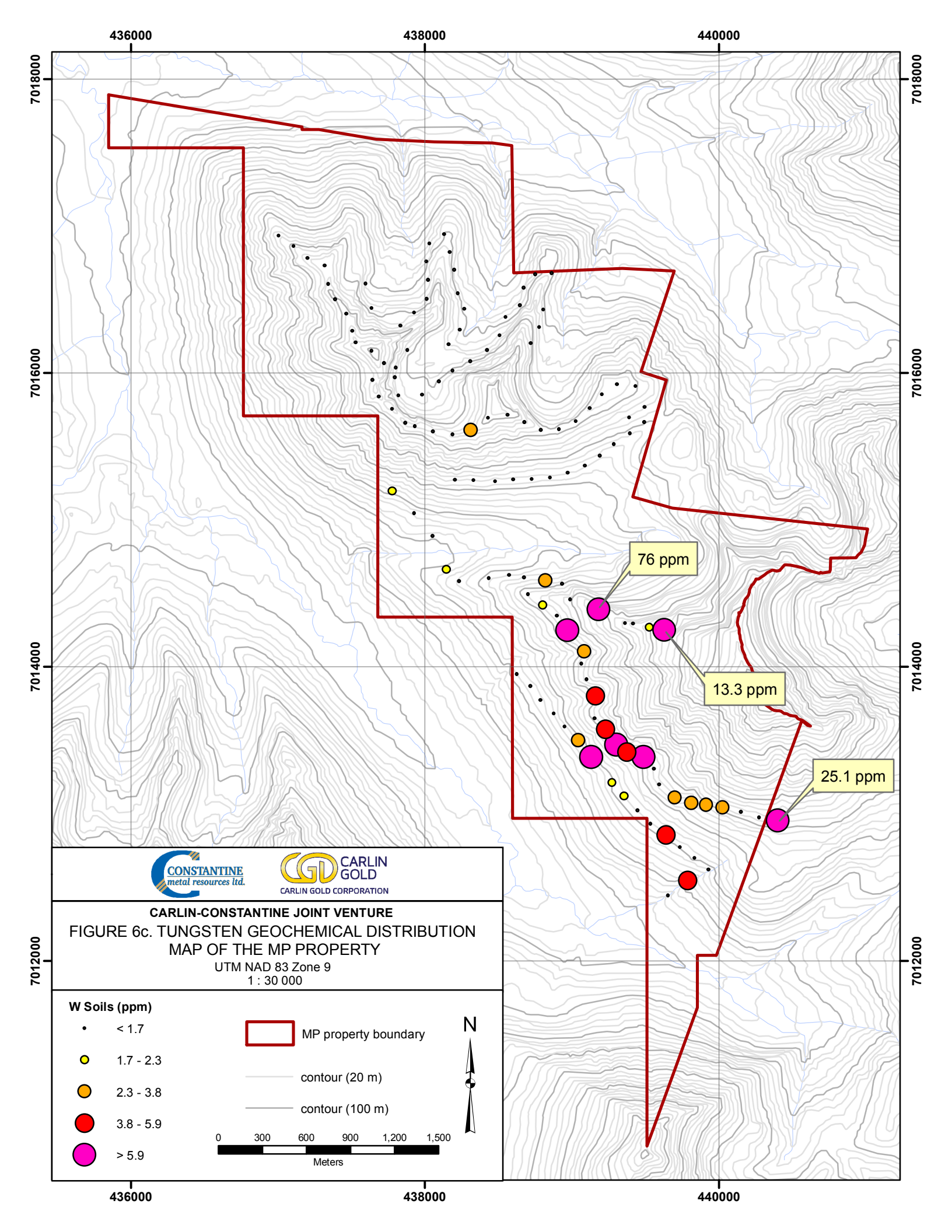
	Au (ppb)	As (ppm)	Hg (ppm)	Sb (ppm)	Tl (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Ni (ppm)	Pb (ppm)	Bi (ppm)	W (ppm)
Max	3.9	234	0.20	9.6	1.4	18.4	389.2	2601	398.5	23.8	2.7	18.8
Min	0.6	32	0.02	0.8	0.2	0.1	23.6	52	9.8	7.2	.2	0.4

Rocks

Fourteen rock samples were collected, with no notable results.


436000
438000
440000
7018000
7016000
7014000
7012000
CONSTANTINE metal resources ltd.
CARLIN GOLD
CARLIN GOLD CORPORATION
CARLIN-CONSTANTINE JOINT VENTURE
FIGURE 6a. GOLD GEOCHEMICAL DISTRIBUTION MAP OF THE MP PROPERTY
UTM NAD 83 Zone 9
1 : 30 000
Au Soils (ppb)
< 9.1
9.1 - 9.9
9.9 - 11.6
11.6 - 18.7
> 18.7
MP property boundary
contour (20 m)
contour (100 m)
N
0 300 600 900 1,200 1,500
Meters


436000
438000
440000
7018000
7016000
7014000
7012000
10 000 ppm limit
1150 ppm
CONSTANTINE metal resources ltd.
CARLIN GOLD
CARLIN GOLD CORPORATION
CARLIN-CONSTANTINE JOINT VENTURE
FIGURE 6b. ARSENIC GEOCHEMICAL DISTRIBUTION MAP OF THE MP PROPERTY
UTM NAD 83 Zone 9
1 : 30 000
As Soils (ppm)
< 167
167 - 195
195 - 360
360 - 582
> 582
MP property boundary
contour (20 m)
contour (100 m)
N
0 300 600 900 1,200 1,500
Meters


436000
438000
440000
7018000
7016000
7014000
7012000
76 ppm
13.3 ppm
25.1 ppm
CONSTANTINE metal resources ltd.
CARLIN GOLD
CARLIN GOLD CORPORATION
CARLIN-CONSTANTINE JOINT VENTURE
FIGURE 6c. TUNGSTEN GEOCHEMICAL DISTRIBUTION MAP OF THE MP PROPERTY
UTM NAD 83 Zone 9
1 : 30 000
W Soils (ppm)
< 1.7
1.7 - 2.3
2.3 - 3.8
3.8 - 5.9
> 5.9
MP property boundary
contour (20 m)
contour (100 m)
N
0 300 600 900 1,200 1,500
Meters

5. DISCUSSION and CONCLUSION

Six of the seven 95th percentile gold soil values (≥ 18.7 ppb) occur in a partially defined 1.2 kilometer north-northeast trending zone in shaley rocks of the Devonian Portrait Lake Formation (Earn Group) on the flanks of the prominent east-west syncline mapped by Abbott (2012) on the north side of the property (Fig. 5a). The southern portion of this gold soil coincides with an arsenic soil anomaly, including sample #1370877 which contains the highest gold (82.2 ppb) and arsenic (10,000 ppm-threshold) soil values encountered in the program. This zone also contains 95th percentile values for silver (4 samples), antimony (3 samples), copper (3 samples), lead (3 samples) and tellurium (4 samples) values.

The geochemical survey encountered very anomalous tungsten values, not surprising considering the nearby location of the Mactung deposit. The highest tungsten soil values are proximal to the Rockslide Mountain quartz monzonite stock and a small satellite apophysis off the southern edge of the main intrusion (Fig. 5c). The anomalous soil tungsten area is coincident with a weakly developed + 1 km north-northeast trending gold soil anomaly.

The significance of the north-northeast trend of the two gold soil anomalies is unknown. CCJV geologists observed a west-northwest trending, steeply north dipping set of quartz-phyric dikes trending across the northern gold soil anomaly, normal to its currently defined north-northeast trend. Abbott maps a north-northeast trending quartz monzonite dike-like body just off the east edge of the Property (Fig. 2). CCJV geologists also observed a felsic dike just off the north end and parallel to the southern, weakly developed gold soil anomaly.

6. RECOMMENDATIONS

The current soil anomalies on the MP claims are not adequately defined or explained. Follow-up detailed grid soil sampling is recommended where practical with the steep terrain of the area. Additional prospecting and reconnaissance-style geologic mapping is recommended along both north-northeast trending gold soil anomalies in order to adequately characterize these features. The limited rock sampling that is available did not include any samples within the strongest gold-arsenic soil zone, so this is an obvious area for additional prospecting. The anomalous tungsten soil zone also warrants additional evaluation.

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APPENDIX A

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Robert D. Thomas, Jr, CPG., do hereby certify that:

1. I am currently Vice President of Exploration for Carlin Gold Corporation with an office at:

   320-800 West Pender Street,
   Vancouver, British Columbia, Canada
   V6C 2V6.

2. I graduated with a B.A. degree from Bates College, Lewiston, Maine, USA in 1969 and an M.A. degree in geology from Wesleyan University, Middletown, Connecticut, USA in 1974.

3. I directly supervised The Carlin-Constantine Joint Venture exploration programs at the MP property in 2011 and am an author of this report.

4. I have worked as a geologist or been engaged in geological studies more or less continuously for the past 39 years. My work experience has been in exploration for gold and base metal mineralization in North America and Central America for both major and junior mining companies.

5. I am a Certified Professional Geologist registered with the American Institute of Professional Geologists (CPG #10314).

Dated this 26th Day of June, 2012.

Signature of Qualified Person

"Robert D. Thomas, Jr"

Print name of Qualified Person

STATEMENT OF QUALIFICATIONS

I, Darwin Green, P.Geo., do hereby certify that:

1. I am currently Vice President of Exploration for Constantine Metal Resources Ltd. with an office at:

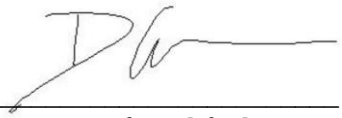
   320-800 West Pender Street,
   Vancouver, British Columbia, Canada
   V6C 2V6.

2. I graduated with a degree in Geological Sciences (B.Sc.) from the University of British Columbia in 1995. In addition, I was granted a M.Sc. degree in geology from Carleton University at Ottawa in 2001.

3. I directly supervised The Carlin-Constantine Joint Venture exploration programs at the MP property in 2011 and I am an author of this report.

4. I have worked as a geologist or been engaged in geological studies more or less continuously for the past 18 years. My work experience has been in exploration for gold and base metal mineralization in North America, South America and Central America for both major and junior mining companies.

Dated this 26th Day of June, 2012.



Signature of Qualified Person

"Darwin Green" .
Print name of Qualified Person

APPENDIX B

CLAIM DETAILS

APPENDIX B. CLAIM DETAILS FOR THE MP PROPERTY

CLAIM	GRANT NO.	CLAIM OWNER	RECORDED DATE	EXPIRY DATE	NTS SHEET
MP 1	YE29341	Carlin Gold Corporation - 100%	04/04/2011	04/04/2015	105O01
MP 2	YE29342	Carlin Gold Corporation - 100%	04/04/2011	04/04/2015	105O01
MP 3	YE29343	Carlin Gold Corporation - 100%	04/04/2011	04/04/2015	105O01
MP 4	YE29344	Carlin Gold Corporation - 100%	04/04/2011	04/04/2015	105O01
MP 5	YE29345	Carlin Gold Corporation - 100%	04/04/2011	04/04/2015	105O01
MP 6	YE29346	Carlin Gold Corporation - 100%	04/04/2011	04/04/2015	105O01
MP 7	YE29347	Carlin Gold Corporation - 100%	04/04/2011	04/04/2015	105O01
MP 8	YE29348	Carlin Gold Corporation - 100%	04/04/2011	04/04/2015	105O01
MP 9	YE29349	Carlin Gold Corporation - 100%	04/04/2011	04/04/2015	105O01
MP 10	YE29350	Carlin Gold Corporation - 100%	04/04/2011	04/04/2015	105O01
MP 11	YE29351	Carlin Gold Corporation - 100%	04/04/2011	04/04/2017	105O01
MP 12	YE29352	Carlin Gold Corporation - 100%	04/04/2011	04/04/2015	105O08
MP 13	YE29353	Carlin Gold Corporation - 100%	04/04/2011	04/04/2017	105O08
MP 14	YE29354	Carlin Gold Corporation - 100%	04/04/2011	04/04/2015	105O01
MP 15	YE29355	Carlin Gold Corporation - 100%	04/04/2011	04/04/2015	105O01
MP 16	YE29356	Carlin Gold Corporation - 100%	04/04/2011	04/04/2017	105O01
MP 17	YE29357	Carlin Gold Corporation - 100%	04/04/2011	04/04/2017	105O01
MP 18	YE29358	Carlin Gold Corporation - 100%	04/04/2011	04/04/2017	105O01
MP 19	YE29359	Carlin Gold Corporation - 100%	04/04/2011	04/04/2017	105O01
MP 20	YE29360	Carlin Gold Corporation - 100%	04/04/2011	04/04/2017	105O08
MP 21	YE29361	Carlin Gold Corporation - 100%	04/04/2011	04/04/2017	105O08
MP 22	YE29362	Carlin Gold Corporation - 100%	04/04/2011	04/04/2015	105O08
MP 23	YE29363	Carlin Gold Corporation - 100%	04/04/2011	04/04/2017	105O08
MP 24	YE29364	Carlin Gold Corporation - 100%	04/04/2011	04/04/2015	105O08
MP 25	YE29365	Carlin Gold Corporation - 100%	04/04/2011	04/04/2017	105O08
MP 26	YE29366	Carlin Gold Corporation - 100%	04/04/2011	04/04/2017	105O08
MP 27	YE29367	Carlin Gold Corporation - 100%	04/04/2011	04/04/2017	105O08
MP 28	YE29368	Carlin Gold Corporation - 100%	04/04/2011	04/04/2015	105O08
MP 29	YE29369	Carlin Gold Corporation - 100%	04/04/2011	04/04/2017	105O08
MP 30	YE29370	Carlin Gold Corporation - 100%	04/04/2011	04/04/2015	105O08
MP 31	YE29371	Carlin Gold Corporation - 100%	04/04/2011	04/04/2015	105O08
MP 32	YE29372	Carlin Gold Corporation - 100%	04/04/2011	04/04/2015	105O08
MP 33	YE29373	Carlin Gold Corporation - 100%	04/04/2011	04/04/2015	105O08
MP 34	YE29374	Carlin Gold Corporation - 100%	04/04/2011	04/04/2015	105O08
MP 35	YE29375	Carlin Gold Corporation - 100%	04/04/2011	04/04/2015	105O08
MP 36	YE29376	Carlin Gold Corporation - 100%	04/04/2011	04/04/2015	105O08
MP 37	YE29377	Carlin Gold Corporation - 100%	04/04/2011	04/04/2015	105O08
MP 38	YE29378	Carlin Gold Corporation - 100%	04/04/2011	04/04/2015	105O08
MP 39	YE29379	Carlin Gold Corporation - 100%	04/04/2011	04/04/2017	105O08
MP 40	YE29380	Carlin Gold Corporation - 100%	04/04/2011	04/04/2017	105O08
MP 41	YE29381	Carlin Gold Corporation - 100%	04/04/2011	04/04/2017	105O08
MP 42	YE29382	Carlin Gold Corporation - 100%	04/04/2011	04/04/2017	105O08
MP 43	YE29383	Carlin Gold Corporation - 100%	04/04/2011	04/04/2017	105O08
MP 44	YE29384	Carlin Gold Corporation - 100%	04/04/2011	04/04/2017	105O08
MP 45	YE29385	Carlin Gold Corporation - 100%	04/04/2011	04/04/2017	105O08
MP 46	YE29386	Carlin Gold Corporation - 100%	04/04/2011	04/04/2017	105O08
MP 47	YE29387	Carlin Gold Corporation - 100%	04/04/2011	04/04/2015	105O08
MP 48	YE29388	Carlin Gold Corporation - 100%	04/04/2011	04/04/2017	105O08
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MP 50	YE29390	Carlin Gold Corporation - 100%	04/04/2011	04/04/2015	105O08
MP 51	YE29391	Carlin Gold Corporation - 100%	04/04/2011	04/04/2015	105O08
MP 52	YE29392	Carlin Gold Corporation - 100%	04/04/2011	04/04/2017	105O08
MP 53	YE29393	Carlin Gold Corporation - 100%	04/04/2011	04/04/2015	105O08
MP 54	YE29394	Carlin Gold Corporation - 100%	04/04/2011	04/04/2015	105O08

APPENDIX B. CLAIM DETAILS FOR THE MP PROPERTY

CLAIM	GRANT NO.	CLAIM OWNER	RECORDED DATE	EXPIRY DATE	NTS SHEET
MP 55	YE29395	Carlin Gold Corporation - 100%	04/04/2011	04/04/2015	105O08
MP 56	YE29396	Carlin Gold Corporation - 100%	04/04/2011	04/04/2015	105O08
MP 57	YE29397	Carlin Gold Corporation - 100%	04/04/2011	04/04/2015	105O08
MP 58	YE29398	Carlin Gold Corporation - 100%	04/04/2011	04/04/2015	105O08
MP 59	YE29399	Carlin Gold Corporation - 100%	04/04/2011	04/04/2015	105O08
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MP 63	YE29403	Carlin Gold Corporation - 100%	04/04/2011	04/04/2015	105O08
MP 64	YE29404	Carlin Gold Corporation - 100%	04/04/2011	04/04/2015	105O08
MP 65	YE29405	Carlin Gold Corporation - 100%	04/04/2011	04/04/2015	105O08
MP 66	YE29406	Carlin Gold Corporation - 100%	04/04/2011	04/04/2015	105O08
MP 67	YE29407	Carlin Gold Corporation - 100%	04/04/2011	04/04/2015	105O08
MP 68	YE29408	Carlin Gold Corporation - 100%	04/04/2011	04/04/2015	105O08
MP 69	YE29409	Carlin Gold Corporation - 100%	04/04/2011	04/04/2015	105O08
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MP 72	YE29412	Carlin Gold Corporation - 100%	04/04/2011	04/04/2015	105O08
MP 73	YE29413	Carlin Gold Corporation - 100%	04/04/2011	04/04/2015	105O08
MP 74	YE29414	Carlin Gold Corporation - 100%	04/04/2011	04/04/2015	105O08

APPENDIX C

ASSAY CERTIFICATES

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

Client: **Carlin Gold Corporation**
320 - 800 West Pender Street
Vancouver BC V6C 2V6 Canada

Submitted By: Confirmation Email List
Receiving Lab: Canada-Vancouver
Received: August 17, 2011
Report Date: September 14, 2011
Page: 1 of 4

CERTIFICATE OF ANALYSIS VAN11003998.1

CLIENT JOB INFORMATION

Project: CCJV
Shipment ID:
P.O. Number MC-05
Number of Samples: 67

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
No Prep	67	Sorting of samples on arrival and labeling			VAN
1DX2	67	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage

ADDITIONAL COMMENTS

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

Invoice To: Carlin Gold Corporation
320 - 800 West Pender Street
Vancouver BC V6C 2V6
Canada

CC: Report Email List

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Carlin Gold Corporation**
320 - 800 West Pender Street
Vancouver BC V6C 2V6 Canada

Project: CCJV
Report Date: September 14, 2011

CERTIFICATE OF ANALYSIS VAN11003998.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
[redacted]																					
[redacted]																					
1182909	Soil Pulp	20.3	126.0	18.6	71	5.9	28.5	3.1	67	4.02	45.8	3.9	1.2	36	0.2	4.3	0.8	64	0.04	0.183	18
1182910	Soil Pulp	17.3	96.7	17.2	56	18.4	22.3	2.1	53	2.88	33.6	3.5	0.9	43	0.2	3.7	0.8	47	0.03	0.139	24
1370859	Soil Pulp	0.7	12.3	2.3	12	<0.1	4.4	2.3	70	0.60	1.8	<0.5	0.2	7	<0.1	0.2	<0.1	12	0.06	0.044	3
1370860	Soil Pulp	3.6	50.9	21.7	94	0.2	31.2	10.1	573	3.56	11.6	0.9	1.6	26	0.2	1.4	0.4	38	0.02	0.115	19
1370861	Soil Pulp	8.9	205.3	38.7	553	0.9	435.5	256.7	3644	14.77	29.7	1.7	7.7	16	3.7	4.0	0.4	41	0.01	0.289	16
1370862	Soil Pulp	4.6	216.0	27.2	270	0.4	134.2	37.1	829	10.32	60.2	2.4	7.1	63	0.5	3.2	0.3	43	0.02	0.192	20
1370863	Soil Pulp	1.3	31.8	7.0	27	0.3	8.7	5.0	121	0.88	7.5	<0.5	0.5	11	<0.1	0.7	0.2	16	0.05	0.056	8
1370864	Soil Pulp	7.9	376.7	18.3	476	1.0	292.3	69.7	759	16.49	21.2	2.1	5.5	8	0.7	0.9	0.3	20	<0.01	0.259	11
1370865	Soil Pulp	5.0	130.8	32.8	144	0.8	47.9	11.6	165	5.14	26.3	2.7	7.8	50	0.2	3.8	0.5	36	0.02	0.113	19
1370866	Soil Pulp	6.0	182.2	25.1	234	1.0	97.1	14.2	77	8.00	33.1	8.9	8.1	21	0.3	3.9	0.9	94	0.02	0.115	18
1370867	Soil Pulp	0.3	14.5	29.7	7	<0.1	11.9	2.0	12	0.89	50.6	<0.5	2.8	9	<0.1	0.6	0.6	<2	<0.01	0.031	2
1370868	Soil Pulp	2.7	72.0	10.2	101	0.7	86.2	10.8	84	4.09	24.3	2.3	5.0	12	0.1	1.4	0.3	61	0.02	0.062	13
1370869	Soil Pulp	6.4	177.0	28.5	88	2.0	50.5	7.8	98	5.76	601.3	8.1	5.5	21	0.1	11.8	0.4	75	0.03	0.125	23
1370870	Soil Pulp	0.6	21.3	16.9	8	0.2	19.4	0.6	8	0.74	35.6	4.4	2.6	8	<0.1	1.6	0.5	6	<0.01	0.025	6
1370871	Soil Pulp	2.3	86.8	19.7	281	0.9	120.2	13.9	198	8.21	164.7	1.4	6.4	18	0.2	7.7	0.2	66	<0.01	0.040	15
1370872	Soil Pulp	3.1	96.0	34.8	110	0.6	28.8	8.0	128	4.40	66.1	5.5	4.2	23	<0.1	4.3	0.8	14	<0.01	0.089	16
1370873	Soil Pulp	6.6	159.6	40.9	133	1.7	34.4	9.5	276	10.13	100.8	11.6	11.2	47	<0.1	10.2	0.8	47	0.01	0.251	29
1370874	Soil Pulp	0.2	12.7	21.2	14	0.1	3.5	0.5	16	0.88	83.8	5.8	5.1	13	<0.1	1.7	0.7	<2	<0.01	0.015	6
1370875	Soil Pulp	5.1	228.6	52.4	128	1.0	42.0	22.7	430	5.72	76.0	3.1	3.1	50	0.4	7.5	0.6	47	0.08	0.178	27
1370876	Soil Pulp	5.8	307.9	47.8	165	1.6	66.9	73.4	785	7.17	52.2	10.9	8.1	75	0.7	5.1	0.8	56	0.10	0.211	35
1370877	Soil Pulp	5.1	257.3	1245	193	7.1	31.4	10.9	268	17.11	>10000	82.2	21.3	287	5.1	14.2	43.3	50	0.03	0.337	147
1370878	Soil Pulp	3.8	129.6	51.0	254	0.7	76.9	164.2	2054	6.68	896.9	1.9	12.4	20	1.2	7.5	0.5	44	0.03	0.068	20
1370879	Soil Pulp	2.7	50.0	17.5	55	0.8	5.9	1.9	78	4.90	582.4	1.5	7.5	28	<0.1	4.8	0.3	26	0.05	0.177	27
1370880	Soil Pulp	5.5	244.5	70.6	139	1.4	50.9	12.1	586	9.91	25.1	4.1	9.5	86	0.2	5.5	0.8	76	0.03	0.222	46
1370881	Soil Pulp	5.3	215.5	62.9	256	0.6	40.5	26.3	638	10.82	147.6	6.0	9.5	26	0.4	2.1	1.7	16	0.03	0.236	17
1370882	Soil Pulp	0.9	9.9	52.8	48	0.2	7.1	2.5	43	3.12	570.6	6.0	7.8	14	0.3	2.3	1.0	4	0.02	0.049	13
1370883	Soil Pulp	2.9	58.4	18.1	74	0.9	24.8	5.1	245	3.44	13.1	<0.5	3.9	16	0.1	2.4	0.4	47	0.05	0.111	17
1370884	Soil Pulp	7.0	96.7	24.0	95	0.7	39.3	8.1	349	6.53	29.9	6.7	10.0	22	0.1	4.2	0.6	90	0.04	0.142	25

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
[redacted]																	
[redacted]																	
1182909	Soil Pulp	20	0.13	111	0.022	2	1.21	0.005	0.08	6.1	0.20	1.5	0.3	0.07	4	9.7	<0.2
1182910	Soil Pulp	18	0.10	127	0.023	2	1.00	0.005	0.08	5.5	0.19	1.3	0.4	0.05	3	6.2	<0.2
1370859	Soil Pulp	5	0.05	23	0.014	<1	0.49	0.026	0.04	<0.1	0.02	0.4	<0.1	<0.05	2	<0.5	<0.2
1370860	Soil Pulp	30	0.50	76	0.015	2	1.63	0.003	0.14	0.2	0.06	1.1	0.3	<0.05	5	0.9	<0.2
1370861	Soil Pulp	20	0.12	65	0.020	1	1.83	0.001	0.11	0.3	0.06	3.2	0.8	<0.05	6	2.5	<0.2
1370862	Soil Pulp	23	0.08	85	0.021	1	1.26	0.001	0.08	0.2	0.04	3.2	0.3	<0.05	4	1.3	<0.2
1370863	Soil Pulp	8	0.10	40	0.013	<1	0.64	0.017	0.05	0.3	0.04	0.6	0.1	<0.05	2	0.7	<0.2
1370864	Soil Pulp	12	0.03	38	0.012	2	1.45	0.001	0.06	0.2	0.05	2.0	0.3	<0.05	3	<0.5	<0.2
1370865	Soil Pulp	18	0.24	81	0.029	1	1.09	0.003	0.17	0.2	0.05	4.0	0.5	0.05	3	2.6	<0.2
1370866	Soil Pulp	37	0.31	82	0.077	<1	2.19	0.005	0.30	<0.1	0.05	10.1	1.1	<0.05	8	6.9	<0.2
1370867	Soil Pulp	<1	<0.01	9	<0.001	<1	0.44	<0.001	0.02	<0.1	<0.01	0.4	<0.1	<0.05	1	<0.5	<0.2
1370868	Soil Pulp	24	0.80	49	0.016	1	1.74	0.004	0.08	0.2	0.05	5.0	0.3	<0.05	5	1.4	<0.2
1370869	Soil Pulp	30	0.14	71	0.011	1	1.18	0.006	0.07	0.5	0.06	5.8	0.3	<0.05	5	5.2	<0.2
1370870	Soil Pulp	3	<0.01	24	0.003	<1	1.22	0.001	0.05	0.1	0.01	0.7	<0.1	<0.05	4	<0.5	<0.2
1370871	Soil Pulp	25	0.10	101	0.023	<1	1.19	0.001	0.11	0.3	0.03	6.2	0.6	<0.05	5	2.0	<0.2
1370872	Soil Pulp	9	0.16	47	0.017	1	1.08	0.003	0.17	0.2	0.03	1.5	0.2	0.09	3	2.2	<0.2
1370873	Soil Pulp	30	0.45	114	0.038	1	1.61	0.006	0.29	0.6	0.06	3.0	0.5	0.21	5	8.2	0.3
1370874	Soil Pulp	1	0.02	22	0.003	1	0.54	0.001	0.08	<0.1	<0.01	0.2	<0.1	<0.05	1	<0.5	<0.2
1370875	Soil Pulp	29	0.43	107	0.027	3	1.76	0.005	0.15	0.5	0.10	1.7	0.4	0.08	5	2.1	<0.2
1370876	Soil Pulp	34	0.44	138	0.049	1	1.92	0.005	0.27	0.4	0.04	3.7	0.5	0.06	5	2.6	0.2
1370877	Soil Pulp	48	0.22	225	0.027	<1	1.38	0.020	0.32	3.8	0.08	4.5	2.1	0.42	4	14.2	0.5
1370878	Soil Pulp	28	0.34	102	0.042	2	1.66	0.003	0.26	0.3	0.02	3.3	0.7	<0.05	5	1.8	<0.2
1370879	Soil Pulp	17	0.14	78	0.026	<1	0.64	0.017	0.14	0.2	0.03	1.4	0.3	0.17	2	2.8	<0.2
1370880	Soil Pulp	48	0.80	206	0.056	1	2.81	0.027	0.37	0.3	0.10	3.9	0.7	0.25	7	3.0	0.2
1370881	Soil Pulp	12	0.28	88	0.013	1	1.60	0.005	0.11	0.3	0.02	1.5	0.4	<0.05	5	2.3	<0.2
1370882	Soil Pulp	4	0.12	152	0.001	<1	1.57	0.002	0.04	<0.1	<0.01	0.5	<0.1	<0.05	3	0.8	<0.2
1370883	Soil Pulp	23	0.40	132	0.049	<1	1.33	0.011	0.22	0.2	0.03	3.0	0.4	<0.05	4	1.7	<0.2
1370884	Soil Pulp	39	0.86	225	0.084	2	2.30	0.007	0.41	0.3	0.04	3.6	0.7	0.17	7	4.6	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1370885	Soil Pulp	1.3	89.0	7.6	92	0.1	46.8	28.5	527	3.10	4.7	2.7	8.2	5	0.2	0.8	0.2	32	<0.01	0.025	16
1370886	Soil Pulp	4.6	190.6	25.2	182	0.2	41.9	3.7	96	5.98	8.9	5.3	8.6	5	0.4	3.0	0.5	37	<0.01	0.069	29
1370887	Soil Pulp	5.6	58.8	21.7	145	0.8	32.7	2.8	38	3.38	10.9	3.1	7.4	10	0.2	3.6	0.3	41	0.01	0.038	15
1370888	Soil Pulp	30.6	42.8	19.2	133	1.1	38.5	2.7	125	1.69	25.3	3.3	0.4	38	0.3	5.8	0.3	218	0.06	0.091	15
1370889	Soil Pulp	27.7	44.8	67.4	333	0.9	86.0	3.5	226	1.92	39.7	4.0	0.7	43	0.7	6.7	0.5	189	0.06	0.084	16
1370890	Soil Pulp	36.8	63.8	36.5	354	1.7	88.2	6.2	316	2.41	43.0	4.4	1.3	40	1.2	8.2	0.4	372	0.13	0.142	20
1370891	Soil Pulp	18.8	42.5	25.1	274	0.5	59.5	4.0	205	1.81	26.1	2.6	1.3	28	1.0	4.7	0.3	147	0.08	0.059	13
1370892	Soil Pulp	14.0	66.6	41.3	687	0.9	108.8	4.8	371	1.96	49.7	3.8	0.9	42	3.5	6.5	0.3	215	0.30	0.096	16
1370893	Soil Pulp	6.8	66.8	27.8	117	0.6	42.5	6.3	290	3.61	23.9	3.6	5.7	22	0.4	3.5	0.4	92	0.06	0.090	20
1370894	Soil Pulp	8.9	30.1	15.0	143	0.2	27.8	2.0	92	1.56	39.0	1.9	0.3	17	0.5	2.2	0.2	106	0.06	0.061	10
1370895	Soil Pulp	6.6	80.0	47.6	141	0.6	34.5	12.4	389	4.31	172.7	6.7	7.8	34	0.3	9.3	0.6	65	0.07	0.115	23
1370896	Soil Pulp	7.6	54.9	35.4	104	0.8	22.5	9.6	237	3.23	180.4	7.0	5.0	27	0.3	10.2	0.5	48	0.04	0.084	21
1370897	Soil Pulp	3.6	107.4	41.9	109	0.4	33.3	19.4	437	5.19	174.5	4.5	7.1	35	0.3	5.2	0.6	30	0.01	0.106	15
1370898	Soil Pulp	3.4	75.9	54.6	114	0.8	27.1	12.3	266	3.66	524.2	8.3	7.3	24	0.4	19.0	0.7	35	0.04	0.085	15
1370899	Soil Pulp	13.1	155.1	157.0	163	1.0	32.7	7.6	276	8.27	1150	8.2	12.4	89	0.7	45.5	1.0	45	0.02	0.187	36
1370900	Soil Pulp	7.0	208.0	110.8	218	1.0	40.6	8.7	304	10.58	738.5	26.9	13.1	64	0.6	43.5	1.2	68	0.02	0.232	22
1370901	Soil Pulp	6.0	167.3	56.9	152	0.7	31.8	6.3	266	10.40	203.3	24.1	11.7	74	0.1	11.8	0.9	67	0.02	0.233	40
[illegible]	Soil Pulp	[illegible]																			
1371054	Soil Pulp	4.3	80.7	17.9	114	0.3	37.2	10.8	233	3.92	39.6	5.0	3.8	19	0.2	0.9	0.7	71	0.04	0.060	17
1371055	Soil Pulp	2.8	23.5	6.4	26	0.5	10.9	1.1	25	1.83	18.6	2.4	1.5	15	<0.1	1.1	0.2	41	0.01	0.030	10
1371056	Soil Pulp	3.6	64.1	9.2	64	0.3	27.9	4.0	101	2.82	29.2	4.9	4.4	29	0.2	1.8	0.3	56	0.02	0.052	14
1371057	Soil Pulp	3.4	39.6	7.8	60	0.6	17.9	4.4	122	2.30	16.7	3.5	0.6	16	0.2	1.0	0.3	39	0.06	0.056	8
1371058	Soil Pulp	3.7	102.6	9.5	58	1.1	20.6	3.7	175	3.99	22.0	9.1	2.7	19	<0.1	1.0	0.6	80	0.03	0.065	10
1371059	Soil Pulp	7.7	174.7	16.3	84	1.6	42.9	5.5	148	6.91	35.8	14.6	4.0	36	0.1	2.0	0.8	107	0.03	0.123	14
1371060	Soil Pulp	4.1	107.2	13.7	73	1.1	50.5	7.1	206	4.39	28.8	5.9	2.7	22	0.1	2.0	0.4	72	0.04	0.097	11
1371061	Soil Pulp	2.7	42.9	6.9	33	0.6	14.5	1.7	35	1.63	18.2	2.3	0.3	18	0.1	1.3	0.3	40	0.02	0.047	10
1371062	Soil Pulp	2.7	34.2	7.0	29	0.2	15.9	1.2	30	1.77	25.7	2.3	1.2	28	<0.1	1.6	0.2	32	<0.01	0.041	8
1371063	Soil Pulp	5.1	62.8	6.8	53	0.4	24.7	1.8	37	3.07	54.4	6.6	3.9	35	0.2	2.5	0.2	103	0.01	0.062	8
1371064	Soil Pulp	20.2	74.5	16.3	71	2.0	21.3	3.3	99	3.53	34.1	10.3	4.9	91	0.1	5.7	0.5	125	0.03	0.112	20
1371065	Soil Pulp	3.7	110.7	21.7	97	0.9	50.8	15.9	384	4.49	59.8	10.2	6.6	32	0.2	2.2	1.1	74	0.01	0.071	17

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1370885	Soil Pulp		19	0.06	77	0.020	<1	0.71	0.002	0.08	<0.1	0.01	1.8	0.7	<0.05	4	1.1	<0.2
1370886	Soil Pulp		13	0.05	67	0.006	<1	0.66	0.001	0.06	<0.1	0.04	1.6	0.6	<0.05	3	5.7	0.2
1370887	Soil Pulp		11	0.06	99	0.008	<1	0.60	0.004	0.06	<0.1	0.01	1.1	0.4	<0.05	3	5.0	<0.2
1370888	Soil Pulp		19	0.17	421	0.013	1	0.90	0.013	0.07	0.3	0.07	0.8	1.1	0.09	3	4.8	<0.2
1370889	Soil Pulp		15	0.20	733	0.005	<1	1.20	0.006	0.07	0.4	0.07	0.8	0.7	<0.05	4	5.1	<0.2
1370890	Soil Pulp		30	0.51	771	0.024	2	1.51	0.007	0.15	0.7	0.09	1.7	1.4	0.09	4	5.5	<0.2
1370891	Soil Pulp		14	0.20	457	0.015	<1	0.91	0.009	0.07	0.3	0.03	0.9	0.5	<0.05	3	3.5	<0.2
1370892	Soil Pulp		27	0.50	737	0.015	1	1.55	0.010	0.12	0.2	0.07	0.9	0.7	<0.05	5	3.7	<0.2
1370893	Soil Pulp		24	0.55	231	0.071	1	1.92	0.008	0.27	0.3	0.02	2.4	0.6	0.09	6	2.2	<0.2
1370894	Soil Pulp		16	0.27	116	0.018	<1	1.11	0.015	0.08	0.2	0.03	0.4	0.5	0.09	4	1.3	<0.2
1370895	Soil Pulp		25	0.55	215	0.051	1	1.91	0.010	0.23	0.4	0.03	1.9	0.7	0.17	6	2.8	<0.2
1370896	Soil Pulp		16	0.26	177	0.027	1	1.09	0.012	0.14	0.3	0.03	1.2	0.5	0.14	4	2.4	<0.2
1370897	Soil Pulp		14	0.28	96	0.022	<1	1.26	0.006	0.14	0.3	0.01	1.1	0.3	0.08	4	2.5	<0.2
1370898	Soil Pulp		16	0.32	140	0.034	<1	1.25	0.009	0.17	0.4	0.01	1.5	0.4	0.10	4	2.7	<0.2
1370899	Soil Pulp		21	0.45	209	0.031	<1	1.65	0.016	0.25	1.1	0.03	1.8	0.6	0.33	5	5.6	<0.2
1370900	Soil Pulp		35	0.57	262	0.040	<1	2.08	0.016	0.27	1.2	0.02	2.7	0.7	0.39	6	7.2	0.3
1370901	Soil Pulp		35	0.64	257	0.049	<1	2.06	0.027	0.31	0.4	0.03	2.8	0.7	0.58	6	6.5	0.3
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1371054	Soil Pulp		31	0.50	189	0.078	1	2.20	0.008	0.34	1.5	0.03	2.2	0.5	<0.05	7	1.6	<0.2
1371055	Soil Pulp		10	0.06	50	0.018	<1	0.54	0.003	0.05	0.9	0.03	0.6	0.1	<0.05	3	1.4	<0.2
1371056	Soil Pulp		17	0.14	137	0.030	<1	0.97	0.002	0.15	1.7	0.01	1.7	0.3	<0.05	3	2.4	<0.2
1371057	Soil Pulp		12	0.13	73	0.028	<1	0.92	0.011	0.11	0.8	0.03	0.6	0.2	0.06	3	1.6	<0.2
1371058	Soil Pulp		22	0.36	126	0.058	<1	1.58	0.010	0.27	1.5	0.03	2.7	0.4	0.09	6	4.7	0.2
1371059	Soil Pulp		34	0.38	187	0.058	1	1.81	0.005	0.32	3.7	0.04	3.0	0.4	0.23	6	6.6	<0.2
1371060	Soil Pulp		21	0.25	133	0.040	<1	1.41	0.004	0.20	7.0	0.03	1.7	0.3	0.10	4	4.5	<0.2
1371061	Soil Pulp		11	0.07	71	0.016	<1	0.84	0.009	0.05	2.2	0.04	0.4	0.2	<0.05	3	1.5	<0.2
1371062	Soil Pulp		8	0.03	51	0.009	<1	0.35	<0.001	0.03	2.3	<0.01	0.7	<0.1	<0.05	1	1.7	<0.2
1371063	Soil Pulp		19	0.05	81	0.016	<1	0.57	0.001	0.04	0.7	0.02	2.5	0.2	<0.05	3	3.9	<0.2
1371064	Soil Pulp		28	0.18	209	0.032	<1	1.10	0.003	0.12	0.4	0.08	2.9	0.5	0.10	4	11.2	0.3
1371065	Soil Pulp		26	0.30	225	0.068	<1	1.77	0.003	0.38	5.2	<0.01	3.4	0.5	0.06	6	3.2	<0.2

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Project: CCJV
Report Date: September 14, 2011

CERTIFICATE OF ANALYSIS VAN11003998.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1371066	Soil Pulp	17.0	37.8	18.2	68	1.0	19.6	1.5	50	2.62	29.7	1.2	5.4	71	0.1	4.4	0.3	84	0.03	0.100	16
1371067	Soil Pulp	13.4	32.7	15.3	41	1.1	14.4	1.6	51	2.52	25.9	2.7	0.4	31	<0.1	3.1	0.3	54	0.02	0.071	11
1371068	Soil Pulp	18.6	86.6	23.2	85	1.9	25.0	2.7	86	5.18	41.4	6.9	3.2	37	0.2	5.3	0.4	80	0.04	0.206	14
1371069	Soil Pulp	27.9	64.3	23.0	124	0.6	33.4	3.9	88	4.21	44.4	0.9	7.7	58	0.3	5.2	0.8	70	0.03	0.131	21
1371070	Soil Pulp	47.8	21.3	37.8	46	1.3	9.1	0.8	32	2.62	39.2	<0.5	9.9	75	<0.1	6.7	0.4	69	0.01	0.080	21
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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

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Project: CCJV
Report Date: September 14, 2011

CERTIFICATE OF ANALYSIS VAN11003998.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1371066	Soil Pulp	16	0.12	272	0.045	<1	1.09	0.004	0.13	0.6	0.18	1.7	0.4	0.07	3	3.9	<0.2
1371067	Soil Pulp	12	0.06	91	0.020	<1	0.83	0.005	0.04	1.1	0.15	0.4	0.2	0.07	3	3.2	<0.2
1371068	Soil Pulp	19	0.15	113	0.031	<1	1.15	0.007	0.07	1.5	0.09	1.3	0.3	0.10	4	8.1	<0.2
1371069	Soil Pulp	18	0.20	181	0.060	<1	1.34	0.004	0.12	4.0	0.21	2.4	0.5	<0.05	4	4.6	<0.2
1371070	Soil Pulp	10	0.11	352	0.086	<1	0.71	0.005	0.11	0.4	0.34	1.3	0.8	0.10	4	8.7	0.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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Project: CCJV
Report Date: September 14, 2011

QUALITY CONTROL REPORT VAN11003998.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
Pulp Duplicates																					
1182910	Soil Pulp	17.3	96.7	17.2	56	18.4	22.3	2.1	53	2.88	33.6	3.5	0.9	43	0.2	3.7	0.8	47	0.03	0.139	24
REP 1182910	QC	17.7	99.2	17.8	55	18.4	24.7	2.4	55	3.01	32.9	1.0	1.0	43	0.2	3.3	0.8	50	0.03	0.141	24
1370881	Soil Pulp	5.3	215.5	62.9	256	0.6	40.5	26.3	638	10.82	147.6	6.0	9.5	26	0.4	2.1	1.7	16	0.03	0.236	17
REP 1370881	QC	5.2	205.1	61.5	243	0.6	40.1	25.7	626	10.88	144.9	3.9	9.2	25	0.4	1.9	1.6	17	0.03	0.234	16
1370896	Soil Pulp	7.6	54.9	35.4	104	0.8	22.5	9.6	237	3.23	180.4	7.0	5.0	27	0.3	10.2	0.5	48	0.04	0.084	21
REP 1370896	QC	7.6	54.4	33.9	102	0.8	21.2	9.2	235	3.04	178.9	4.6	4.7	27	0.3	10.0	0.4	46	0.04	0.082	20
1371066	Soil Pulp	17.0	37.8	18.2	68	1.0	19.6	1.5	50	2.62	29.7	1.2	5.4	71	0.1	4.4	0.3	84	0.03	0.100	16
REP 1371066	QC	17.4	38.9	19.1	73	1.0	20.1	1.6	50	2.75	30.5	1.0	5.5	72	0.1	4.3	0.3	87	0.03	0.102	16
Reference Materials																					
STD DS8	Standard	14.5	115.6	119.2	319	1.8	39.4	7.8	646	2.51	26.1	118.4	6.6	68	2.3	5.5	6.6	49	0.72	0.081	15
STD DS8	Standard	12.1	110.2	119.4	303	1.9	37.6	7.4	584	2.40	24.4	108.9	6.7	66	2.3	5.3	6.4	39	0.68	0.082	13
STD DS8	Standard	13.1	100.9	117.7	295	1.7	38.1	7.2	593	2.37	21.8	121.2	6.6	62	2.0	4.6	5.9	41	0.67	0.068	13
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08	14.6
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1

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Project: CCJV
Report Date: September 14, 2011

QUALITY CONTROL REPORT VAN11003998.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																	
1182910	Soil Pulp	18	0.10	127	0.023	2	1.00	0.005	0.08	5.5	0.19	1.3	0.4	0.05	3	6.2	<0.2
REP 1182910	QC	18	0.10	126	0.022	1	1.02	0.006	0.08	5.6	0.18	1.3	0.4	0.05	3	6.2	<0.2
1370881	Soil Pulp	12	0.28	88	0.013	1	1.60	0.005	0.11	0.3	0.02	1.5	0.4	<0.05	5	2.3	<0.2
REP 1370881	QC	12	0.30	84	0.012	3	1.56	0.006	0.11	0.2	0.02	1.4	0.4	<0.05	5	2.0	<0.2
1370896	Soil Pulp	16	0.26	177	0.027	1	1.09	0.012	0.14	0.3	0.03	1.2	0.5	0.14	4	2.4	<0.2
REP 1370896	QC	15	0.26	172	0.026	<1	1.12	0.011	0.15	0.3	0.02	1.2	0.5	0.14	4	2.5	<0.2
1371066	Soil Pulp	16	0.12	272	0.045	<1	1.09	0.004	0.13	0.6	0.18	1.7	0.4	0.07	3	3.9	<0.2
REP 1371066	QC	15	0.12	275	0.042	<1	1.01	0.003	0.12	0.6	0.20	1.7	0.4	0.08	4	4.0	<0.2
Reference Materials																	
STD DS8	Standard	119	0.62	288	0.112	2	0.96	0.105	0.45	3.0	0.20	2.7	5.5	0.14	5	5.9	5.2
STD DS8	Standard	113	0.61	267	0.106	2	0.96	0.102	0.42	3.0	0.21	2.6	5.4	0.13	5	4.3	4.9
STD DS8	Standard	118	0.58	243	0.119	2	0.88	0.079	0.39	2.8	0.20	1.4	5.1	0.22	5	5.1	4.8
STD DS8 Expected		115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Submitted By: Confirmation Email List
Receiving Lab: Canada-Vancouver
Received: August 19, 2011
Report Date: August 27, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS VAN11004075.1

CLIENT JOB INFORMATION

Project: CCJV
Shipment ID:
P.O. Number MP-01
Number of Samples: 16

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
No Prep	16	Sorting of samples on arrival and labeling			VAN
1DX2	16	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage

ADDITIONAL COMMENTS

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

Invoice To: Carlin Gold Corporation
320 - 800 West Pender Street
Vancouver BC V6C 2V6
Canada

CC: Report Email List

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Project: CCJV
Report Date: August 27, 2011

CERTIFICATE OF ANALYSIS VAN11004075.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1371501	Soil Pulp	1.5	15.5	18.8	65	0.1	10.0	5.1	237	1.71	72.5	3.3	5.4	7	0.2	1.0	3.2	28	0.11	0.073	11
1371502	Soil Pulp	0.6	28.5	16.8	52	<0.1	11.1	7.7	621	1.96	24.0	1.3	9.0	17	0.2	0.4	2.0	28	0.22	0.082	23
1371503	Soil Pulp	0.6	24.4	17.1	41	0.2	5.8	6.5	365	1.58	37.0	1.9	6.5	35	0.3	0.2	7.8	24	0.22	0.053	17
1371504	Soil Pulp	0.4	35.0	16.8	60	<0.1	9.6	7.5	451	2.23	18.3	0.6	10.8	54	0.2	0.3	1.7	34	0.18	0.042	24
1371505	Soil Pulp	6.3	320.8	28.2	187	0.8	42.0	11.1	420	11.39	155.8	17.0	8.0	363	0.2	0.8	3.1	97	0.06	0.166	23
1371506	Soil Pulp	6.0	123.3	36.1	244	0.3	49.1	16.5	491	6.82	194.6	7.2	7.3	46	0.4	1.2	0.8	76	0.05	0.077	20
1371507	Soil Pulp	7.0	174.6	79.4	246	1.4	28.0	10.0	779	12.93	609.1	9.4	15.0	101	0.2	1.4	3.6	173	0.03	0.114	19
1371508	Soil Pulp	28.6	258.6	174.4	101	1.3	53.0	2.1	36	4.28	511.4	2.5	5.7	450	1.5	6.9	0.6	236	0.43	0.734	44
1371509	Soil Pulp	13.3	116.1	15.6	129	1.6	56.8	6.7	163	5.12	167.2	<0.5	6.9	92	1.0	3.4	1.0	80	0.81	0.415	37
1371510	Soil Pulp	8.4	57.0	11.7	80	0.5	49.3	3.9	154	3.93	107.4	5.3	6.5	80	0.3	1.9	0.4	49	0.08	0.147	22
1371511	Soil Pulp	20.7	39.4	9.4	176	0.2	95.4	8.1	434	1.88	41.0	1.3	2.2	33	2.0	2.3	0.4	76	0.66	0.097	10
1371512	Soil Pulp	12.8	41.5	22.6	140	0.3	44.4	6.2	190	3.78	217.1	1.7	0.7	29	0.3	3.1	0.6	103	0.11	0.130	13
1371513	Soil Pulp	14.9	104.8	22.9	115	0.8	37.7	4.7	147	2.82	360.3	4.6	2.3	67	1.0	3.4	0.8	81	0.24	0.251	19
1371514	Soil Pulp	28.3	97.0	29.9	435	0.9	91.4	13.2	449	4.25	110.6	5.8	4.2	57	1.0	11.5	0.8	211	0.09	0.195	20
1371515	Soil Pulp	109.7	103.1	41.8	144	1.8	34.4	8.7	228	4.31	180.7	9.4	6.7	226	0.9	30.5	0.4	246	0.07	0.191	28
1371516	Soil Pulp	2.3	88.0	13.5	115	0.2	43.0	8.1	330	1.93	98.9	2.1	11.6	12	0.4	0.5	1.7	25	0.17	0.053	32

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320 - 800 West Pender Street
Vancouver BC V6C 2V6 Canada

Project: CCJV
Report Date: August 27, 2011

CERTIFICATE OF ANALYSIS VAN11004075.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1371501	Soil Pulp	15	0.41	79	0.110	<1	1.58	0.009	0.27	13.3	0.02	3.6	0.3	<0.05	6	0.7	<0.2
1371502	Soil Pulp	19	0.62	218	0.132	<1	3.47	0.012	0.52	1.8	0.01	5.3	0.5	<0.05	9	<0.5	<0.2
1371503	Soil Pulp	15	0.53	158	0.142	1	2.72	0.031	0.47	0.7	0.02	5.0	0.4	<0.05	7	<0.5	<0.2
1371504	Soil Pulp	25	0.76	172	0.220	<1	3.90	0.023	0.65	1.5	0.01	7.4	0.6	<0.05	11	<0.5	<0.2
1371505	Soil Pulp	48	1.06	565	0.148	<1	4.59	0.060	0.82	76.0	0.02	7.7	0.9	0.57	13	8.1	0.4
1371506	Soil Pulp	42	0.84	269	0.129	<1	2.73	0.007	0.55	0.6	0.03	5.1	0.9	0.11	9	2.2	<0.2
1371507	Soil Pulp	63	2.13	722	0.217	<1	4.20	0.015	1.64	1.5	0.02	12.4	2.0	0.67	13	8.1	0.4
1371508	Soil Pulp	31	0.03	1450	0.014	<1	0.90	0.003	0.02	3.8	0.16	3.3	<0.1	<0.05	3	5.6	0.3
1371509	Soil Pulp	60	0.45	343	0.024	<1	1.62	0.008	0.34	1.0	0.31	4.5	1.1	0.47	6	5.1	<0.2
1371510	Soil Pulp	33	0.68	667	0.127	<1	2.12	0.010	0.43	0.2	0.17	3.1	0.5	0.26	7	2.4	<0.2
1371511	Soil Pulp	28	1.64	138	0.056	1	1.78	0.010	0.10	0.6	0.08	2.0	0.9	0.07	5	1.7	<0.2
1371512	Soil Pulp	37	0.58	174	0.042	1	1.75	0.004	0.10	1.5	0.06	1.4	0.5	0.07	7	3.3	<0.2
1371513	Soil Pulp	32	0.51	382	0.047	<1	1.58	0.012	0.26	1.8	0.51	2.4	0.8	0.13	5	3.6	<0.2
1371514	Soil Pulp	39	0.95	469	0.071	<1	2.07	0.008	0.28	1.1	0.05	3.4	1.2	0.13	7	3.2	<0.2
1371515	Soil Pulp	28	0.25	719	0.027	<1	0.99	0.017	0.20	0.7	0.08	3.1	1.7	0.29	4	12.5	0.3
1371516	Soil Pulp	16	0.52	307	0.135	<1	3.04	0.019	0.43	2.0	0.03	5.2	0.3	<0.05	8	<0.5	<0.2

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Client: **Carlin Gold Corporation**
320 - 800 West Pender Street
Vancouver BC V6C 2V6 Canada

Project: CCJV
Report Date: August 27, 2011

QUALITY CONTROL REPORT VAN11004075.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
Pulp Duplicates																					
1371507	Soil Pulp	7.0	174.6	79.4	246	1.4	28.0	10.0	779	12.93	609.1	9.4	15.0	101	0.2	1.4	3.6	173	0.03	0.114	19
REP 1371507	QC	7.1	177.8	76.1	251	1.4	29.4	10.3	804	13.36	621.1	10.1	14.8	102	0.2	1.3	3.5	179	0.03	0.118	19
Reference Materials																					
STD DS8	Standard	12.9	116.9	126.0	312	1.8	39.7	7.8	605	2.47	24.6	113.1	6.6	64	2.4	6.2	6.9	43	0.67	0.078	12
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08	14.6
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1

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320 - 800 West Pender Street
Vancouver BC V6C 2V6 Canada

Project: CCJV
Report Date: August 27, 2011

QUALITY CONTROL REPORT VAN11004075.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																	
1371507	Soil Pulp	63	2.13	722	0.217	<1	4.20	0.015	1.64	1.5	0.02	12.4	2.0	0.67	13	8.1	0.4
REP 1371507	QC	65	2.23	735	0.223	<1	4.24	0.015	1.73	1.5	0.02	12.7	2.0	0.69	13	7.9	0.4
Reference Materials																	
STD DS8	Standard	118	0.60	286	0.121	2	0.86	0.078	0.40	2.9	0.22	2.0	5.4	0.18	5	4.6	5.0
STD DS8 Expected		115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Submitted By: Confirmation Email List
Receiving Lab: Canada-Vancouver
Received: August 19, 2011
Report Date: August 30, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS VAN11004076.1

CLIENT JOB INFORMATION

Project: CCJV
Shipment ID:
P.O. Number HG-MC-MP-RG-X-Y-01
Number of Samples: 15

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
No Prep	15	Sorting of samples on arrival and labeling			VAN
1DX2	15	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage

ADDITIONAL COMMENTS

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

Invoice To: Carlin Gold Corporation
320 - 800 West Pender Street
Vancouver BC V6C 2V6
Canada

CC: Report Email List

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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320 - 800 West Pender Street
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Project: CCJV
Report Date: August 30, 2011

CERTIFICATE OF ANALYSIS VAN11004076.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
[redacted]																					
[redacted]																					
[redacted]																					
[redacted]																					
[redacted]																					
1180861	Soil Pulp	1.5	23.6	18.1	69	0.1	9.8	4.7	213	1.58	37.6	1.1	5.7	7	0.3	0.8	2.7	24	0.10	0.064	13
1180862	Soil Pulp	6.7	118.7	23.8	612	0.5	86.5	43.9	537	2.54	234.0	1.4	5.6	33	4.1	1.8	1.8	63	0.46	0.144	20
[redacted]																					
1180864	Soil Pulp	75.2	389.2	17.0	2601	1.1	398.5	112.2	2781	3.66	32.0	0.6	4.7	64	12.6	9.6	0.2	410	0.42	0.095	22
[redacted]																					
[redacted]																					
[redacted]																					
1182911	Soil Pulp	25.9	56.6	20.9	83	2.8	20.1	2.1	61	7.10	42.4	2.2	4.7	41	0.3	5.8	0.4	57	0.03	0.141	15
[redacted]																					
[redacted]																					

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Client: **Carlin Gold Corporation**
320 - 800 West Pender Street
Vancouver BC V6C 2V6 Canada

Project: CCJV
Report Date: August 30, 2011

CERTIFICATE OF ANALYSIS VAN11004076.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
[redacted]																	
[redacted]																	
[redacted]																	
[redacted]																	
[redacted]																	
1180861	Soil Pulp	13	0.41	118	0.095	<1	1.78	0.011	0.30	18.8	0.02	3.5	0.3	<0.05	6	<0.5	<0.2
1180862	Soil Pulp	30	1.18	312	0.085	1	2.05	0.018	0.44	3.3	0.09	3.6	0.4	<0.05	6	1.4	<0.2
[redacted]																	
1180864	Soil Pulp	36	0.82	347	0.044	<1	5.60	0.016	0.33	0.4	0.09	2.4	1.4	0.68	4	6.7	<0.2
[redacted]																	
[redacted]																	
[redacted]																	
1182911	Soil Pulp	14	0.12	126	0.040	<1	0.84	0.003	0.07	2.3	0.16	2.3	0.4	0.16	3	7.0	<0.2
[redacted]																	
[redacted]																	

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Client: **Carlin Gold Corporation**
320 - 800 West Pender Street
Vancouver BC V6C 2V6 Canada

Project: CCJV
Report Date: August 30, 2011

QUALITY CONTROL REPORT VAN11004076.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
Pulp Duplicates																					
1180802	Soil Pulp	3.7	36.1	10.5	357	0.3	72.0	28.9	741	2.92	34.9	1.4	3.1	23	2.4	2.4	0.2	23	0.20	0.079	8
REP 1180802	QC	3.5	36.0	10.7	367	0.2	71.3	29.1	727	2.91	35.5	0.7	3.3	24	2.4	2.3	0.2	24	0.21	0.080	8
Reference Materials																					
STD DS8	Standard	11.2	96.2	110.2	283	1.6	34.0	6.7	543	2.19	22.3	142.5	5.8	55	1.9	4.7	5.8	36	0.64	0.075	13
STD DS8	Standard	12.4	112.8	117.2	283	1.6	38.3	7.6	546	2.23	23.1	97.9	6.5	54	2.1	4.9	6.1	46	0.63	0.070	12
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08	14.6
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1

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Vancouver BC V6C 2V6 Canada

Project: CCJV
Report Date: August 30, 2011

QUALITY CONTROL REPORT VAN11004076.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																	
1180802	Soil Pulp	13	0.26	395	0.002	1	1.01	0.005	0.05	0.2	0.09	2.8	0.2	0.10	2	1.5	<0.2
REP 1180802	QC	12	0.26	386	0.002	<1	1.03	0.005	0.05	0.2	0.09	2.9	0.2	0.11	2	1.6	<0.2
Reference Materials																	
STD DS8	Standard	104	0.54	254	0.094	2	0.79	0.077	0.35	2.6	0.16	1.9	4.9	0.11	4	3.4	4.4
STD DS8	Standard	118	0.54	243	0.109	3	0.83	0.072	0.35	2.8	0.20	1.8	5.1	0.26	4	4.3	4.4
STD DS8 Expected		115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Carlin Gold Corporation**
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Submitted By: Confirmation Email List
Receiving Lab: Canada-Vancouver
Received: August 24, 2011
Report Date: September 22, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS VAN11004185.1

CLIENT JOB INFORMATION

Project: CCJV
Shipment ID:
P.O. Number MP-03
Number of Samples: 22

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
No Prep	22	Sorting of samples on arrival and labeling			VAN
1DX2	22	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage

ADDITIONAL COMMENTS

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

Invoice To: Carlin Gold Corporation
320 - 800 West Pender Street
Vancouver BC V6C 2V6
Canada

CC: Report Email List

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Client: **Carlin Gold Corporation**
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Project: CCJV
Report Date: September 22, 2011

CERTIFICATE OF ANALYSIS VAN11004185.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1371608	Soil Pulp	39.7	38.1	33.9	32	1.5	9.7	1.9	95	2.13	259.2	6.4	0.6	110	0.4	5.7	0.7	209	0.06	0.259	53
1371609	Soil Pulp	16.7	333.2	91.7	189	1.5	102.3	8.4	187	5.12	146.0	4.7	7.1	650	1.4	2.9	0.9	106	1.03	1.133	41
1371610	Soil Pulp	4.6	62.7	15.1	136	0.5	34.0	9.1	268	3.33	66.9	1.6	0.6	24	0.4	1.2	0.5	63	0.05	0.064	13
1371611	Soil Pulp	2.4	45.2	17.2	81	0.2	15.7	8.1	397	2.52	44.7	2.4	7.4	14	0.3	0.7	2.3	37	0.15	0.078	18
1371612	Soil Pulp	5.3	177.9	26.0	165	0.3	33.6	14.1	600	7.22	151.8	5.0	5.2	29	0.3	1.1	1.0	68	0.05	0.101	12
1371613	Soil Pulp	5.9	222.4	29.7	161	0.4	33.5	12.5	502	9.80	214.8	16.8	5.1	37	0.7	0.9	1.3	82	0.04	0.114	11
1371614	Soil Pulp	6.6	231.5	22.2	203	1.2	41.1	13.3	520	11.64	34.0	23.9	6.0	31	0.3	1.4	1.5	112	0.05	0.095	15
1371615	Soil Pulp	6.4	207.5	20.2	190	0.5	49.1	17.8	547	9.66	44.5	11.0	6.9	15	0.6	1.4	1.8	91	0.05	0.101	14
1371616	Soil Pulp	5.3	57.0	17.7	53	0.3	19.2	4.1	143	3.64	28.6	1.3	0.8	10	0.2	1.6	0.6	86	0.03	0.072	9
1371617	Soil Pulp	5.0	161.3	16.1	78	1.7	98.3	17.5	356	3.82	24.2	5.2	3.0	30	0.1	2.3	0.3	66	0.13	0.144	11
1371618	Soil Pulp	5.8	169.3	23.0	61	2.1	64.8	5.9	123	5.28	15.6	5.0	0.7	21	0.2	1.8	0.3	67	0.11	0.213	10
1371619	Soil Pulp	7.6	151.9	19.2	40	2.4	38.1	4.1	102	7.12	15.3	7.2	1.8	18	<0.1	2.1	0.6	110	0.08	0.202	8
1371620	Soil Pulp	8.8	104.9	15.7	43	1.1	21.2	4.5	160	4.54	50.3	5.6	2.7	15	<0.1	2.4	1.1	61	0.05	0.096	9
1371621	Soil Pulp	2.5	158.2	20.4	75	1.0	57.7	4.5	130	7.27	49.1	11.6	5.2	33	0.2	0.9	0.7	118	0.03	0.083	15
1371622	Soil Pulp	3.0	102.2	5.4	70	0.6	23.0	1.5	89	7.77	55.7	3.3	3.2	13	0.2	1.6	0.1	81	<0.01	0.071	5
1371623	Soil Pulp	2.3	36.7	7.0	20	0.3	15.3	0.8	18	1.39	36.2	1.1	0.4	18	0.2	2.0	<0.1	31	<0.01	0.041	8
1371624	Soil Pulp	2.3	44.4	7.0	33	0.6	20.5	2.9	85	1.77	32.8	2.5	1.0	25	<0.1	1.5	0.2	37	0.03	0.051	12
1371625	Soil Pulp	3.3	64.8	8.0	32	0.7	26.8	4.5	116	2.54	44.9	3.4	2.9	39	0.2	3.3	0.2	54	0.01	0.058	12
1371626	Soil Pulp	6.5	104.7	11.8	59	1.0	39.9	21.5	496	4.58	65.5	4.2	4.9	38	0.2	6.1	0.3	99	0.02	0.112	18
1371627	Soil Pulp	3.7	41.6	12.4	45	0.3	16.6	3.3	58	1.86	16.7	1.7	0.9	14	0.1	2.1	0.4	43	0.07	0.073	8
1371628	Soil Pulp	3.8	69.1	11.3	43	0.8	27.3	4.3	97	2.72	35.6	3.8	0.3	33	0.2	2.9	0.3	68	0.05	0.112	13
1371629	Soil Pulp	4.4	115.9	9.9	49	0.8	38.5	20.4	397	4.82	107.9	8.9	5.0	28	0.2	4.2	3.0	70	0.01	0.110	15

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Client: **Carlin Gold Corporation**
320 - 800 West Pender Street
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Project: CCJV
Report Date: September 22, 2011

CERTIFICATE OF ANALYSIS VAN11004185.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1371608	Soil Pulp	39	0.12	370	0.009	<1	0.70	0.003	0.09	1.7	0.34	1.3	0.3	0.09	4	3.9	<0.2
1371609	Soil Pulp	35	0.42	514	0.041	3	2.64	0.005	0.20	2.0	0.09	3.3	0.4	0.10	6	6.2	<0.2
1371610	Soil Pulp	27	0.41	193	0.034	1	1.79	0.009	0.14	0.9	0.03	1.3	0.3	<0.05	7	<0.5	<0.2
1371611	Soil Pulp	20	0.53	113	0.126	2	2.44	0.022	0.29	7.2	0.03	4.3	0.3	<0.05	8	0.6	<0.2
1371612	Soil Pulp	32	0.60	198	0.105	2	2.28	0.010	0.52	2.4	0.01	4.7	0.5	<0.05	7	3.5	0.3
1371613	Soil Pulp	38	0.67	283	0.135	1	2.54	0.006	0.70	1.1	0.02	5.8	0.6	<0.05	8	7.2	0.5
1371614	Soil Pulp	51	0.99	338	0.194	2	3.93	0.009	1.14	0.9	0.05	7.4	1.1	0.14	12	7.5	0.3
1371615	Soil Pulp	39	0.74	208	0.124	2	2.79	0.006	0.48	4.6	0.04	5.7	0.6	<0.05	9	4.3	0.3
1371616	Soil Pulp	27	0.22	60	0.038	1	1.17	0.003	0.07	1.6	0.07	1.3	0.2	<0.05	7	2.1	0.2
1371617	Soil Pulp	22	0.23	103	0.026	1	1.33	0.005	0.09	5.6	0.06	2.2	0.2	<0.05	3	3.9	<0.2
1371618	Soil Pulp	18	0.17	83	0.014	1	1.35	0.007	0.06	7.4	0.07	1.0	0.2	0.10	4	7.5	<0.2
1371619	Soil Pulp	29	0.17	91	0.030	1	1.26	0.006	0.07	5.9	0.05	1.7	0.2	0.11	5	10.4	0.2
1371620	Soil Pulp	21	0.26	92	0.051	2	1.28	0.012	0.18	7.2	0.02	2.8	0.3	0.11	4	3.5	<0.2
1371621	Soil Pulp	46	0.54	259	0.114	<1	3.31	0.008	0.38	0.4	0.03	8.2	0.6	0.11	9	3.4	0.3
1371622	Soil Pulp	20	0.09	94	0.023	<1	0.82	<0.001	0.08	0.7	0.14	3.8	0.2	<0.05	4	1.0	<0.2
1371623	Soil Pulp	8	0.01	35	0.006	<1	0.28	<0.001	0.01	3.0	0.04	0.6	<0.1	0.07	1	1.6	<0.2
1371624	Soil Pulp	13	0.07	77	0.018	3	0.80	0.010	0.05	2.7	0.03	1.3	0.2	0.06	3	0.7	<0.2
1371625	Soil Pulp	16	0.07	79	0.017	<1	0.63	0.002	0.05	3.3	0.04	2.3	0.2	<0.05	2	2.2	<0.2
1371626	Soil Pulp	23	0.08	88	0.022	<1	0.76	0.003	0.07	3.4	0.03	4.0	0.4	<0.05	3	3.7	<0.2
1371627	Soil Pulp	16	0.07	73	0.018	2	0.72	0.006	0.04	1.3	0.13	2.0	0.2	0.14	3	1.7	<0.2
1371628	Soil Pulp	19	0.13	92	0.011	<1	1.02	0.012	0.05	1.2	0.08	0.8	0.2	<0.05	4	3.9	<0.2
1371629	Soil Pulp	21	0.10	135	0.027	<1	0.90	0.002	0.10	25.1	0.01	3.9	0.5	<0.05	3	3.1	<0.2

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320 - 800 West Pender Street
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Project: CCJV
Report Date: September 22, 2011

QUALITY CONTROL REPORT VAN11004185.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
Pulp Duplicates																					
1371609	Soil Pulp	16.7	333.2	91.7	189	1.5	102.3	8.4	187	5.12	146.0	4.7	7.1	650	1.4	2.9	0.9	106	1.03	1.133	41
REP 1371609	QC	17.9	356.7	99.8	199	1.6	104.9	8.9	189	5.44	158.4	3.8	7.7	671	1.5	3.4	1.0	114	1.09	1.181	44
Reference Materials																					
STD DS8	Standard	12.8	108.5	122.7	315	1.7	38.3	7.8	613	2.49	25.4	111.7	6.4	68	2.6	5.6	6.8	42	0.71	0.080	15
STD DS8	Standard	13.1	117.3	125.5	328	1.9	38.5	7.7	631	2.68	25.0	111.0	6.9	68	2.2	5.6	6.7	44	0.73	0.081	15
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08	14.6
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.03	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1

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Project: CCJV
Report Date: September 22, 2011

QUALITY CONTROL REPORT VAN11004185.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																	
1371609	Soil Pulp	35	0.42	514	0.041	3	2.64	0.005	0.20	2.0	0.09	3.3	0.4	0.10	6	6.2	<0.2
REP 1371609	QC	37	0.46	571	0.045	2	2.88	0.005	0.21	2.2	0.08	3.6	0.5	0.08	7	8.0	0.3
Reference Materials																	
STD DS8	Standard	114	0.62	279	0.116	2	0.90	0.091	0.42	2.8	0.18	2.3	5.1	0.16	4	5.6	4.9
STD DS8	Standard	125	0.63	278	0.119	2	0.98	0.094	0.44	2.7	0.23	2.8	5.5	0.17	5	4.3	5.3
STD DS8 Expected		115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Submitted By: Confirmation Email List
Receiving Lab: Canada-Vancouver
Received: September 03, 2011
Report Date: September 23, 2011
Page: 1 of 3

CERTIFICATE OF ANALYSIS VAN11004469.1

CLIENT JOB INFORMATION

Project: CCJV
Shipment ID:
P.O. Number MP-05
Number of Samples: 33

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
No Prep	33	Sorting of samples on arrival and labeling			VAN
1DX2	33	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage

ADDITIONAL COMMENTS

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

Invoice To: Carlin Gold Corporation
320 - 800 West Pender Street
Vancouver BC V6C 2V6
Canada

CC: Report Email List

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Project: CCJV
Report Date: September 23, 2011

CERTIFICATE OF ANALYSIS VAN11004469.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1382901	Soil Pulp	11.2	197.7	36.5	174	1.0	62.6	15.5	288	7.79	57.0	1.6	7.6	37	<0.1	4.7	0.6	275	0.03	0.215	21
1382902	Soil Pulp	2.7	111.0	18.3	101	0.4	40.5	7.2	64	4.99	99.1	2.9	6.9	15	0.2	2.9	0.5	38	0.02	0.070	16
1382903	Soil Pulp	6.9	214.5	33.1	119	4.1	43.2	12.9	337	6.51	71.6	5.9	5.2	23	<0.1	3.6	0.5	36	0.06	0.231	24
1382904	Soil Pulp	5.3	135.4	45.8	149	1.3	68.1	28.5	850	6.22	39.3	5.4	7.5	31	0.2	3.5	0.6	29	0.03	0.178	26
1382905	Soil Pulp	5.0	168.8	44.0	167	0.8	66.1	52.0	1278	7.84	179.9	2.8	9.6	71	0.5	5.6	0.6	32	0.02	0.232	25
1382906	Soil Pulp	3.8	176.4	40.8	111	0.6	26.6	9.1	400	8.80	27.9	9.5	5.5	43	<0.1	3.8	1.0	89	0.03	0.183	9
1382907	Soil Pulp	3.5	99.7	58.0	86	0.5	13.4	6.2	406	10.15	21.9	2.6	6.7	49	<0.1	2.4	0.8	80	0.04	0.191	9
1382908	Soil Pulp	5.3	120.8	42.7	103	0.6	18.7	4.9	316	8.53	22.0	9.4	6.0	101	<0.1	3.4	0.7	70	0.02	0.207	10
1382909	Soil Pulp	9.8	123.4	48.6	145	0.7	65.7	11.4	328	8.40	31.2	6.2	4.6	86	0.1	4.4	0.6	80	0.05	0.325	24
1382910	Soil Pulp	7.0	172.1	47.7	170	0.7	48.8	11.5	668	9.87	25.8	8.8	5.0	146	0.2	4.8	0.7	78	0.07	0.222	13
1382911	Soil Pulp	3.8	114.8	49.2	108	0.4	22.0	6.4	370	9.46	22.5	4.2	6.3	74	<0.1	3.2	0.7	67	0.03	0.208	9
1382912	Soil Pulp	4.8	181.7	48.5	161	0.5	43.2	22.6	913	7.64	34.2	8.2	6.3	20	0.2	6.0	0.9	60	0.05	0.164	15
1382913	Soil Pulp	3.1	114.5	36.6	100	0.4	34.7	20.3	424	4.28	124.1	2.0	8.2	27	0.1	3.2	0.5	31	0.03	0.101	29
1382914	Soil Pulp	2.7	133.9	34.2	141	0.3	62.1	40.9	531	3.87	53.4	3.7	7.1	15	0.3	2.5	0.5	29	0.04	0.107	26
1382915	Soil Pulp	1.6	25.0	6.1	20	0.1	5.0	1.3	38	0.93	8.7	<0.5	0.1	6	0.1	0.8	0.1	17	0.02	0.058	4
1382916	Soil Pulp	1.8	59.9	41.2	68	0.5	12.8	3.6	72	3.74	580.0	3.3	6.0	21	0.1	4.1	0.9	17	0.02	0.059	10
1382917	Soil Pulp	5.1	169.2	29.4	182	0.7	39.8	8.9	114	8.94	148.0	5.4	9.2	36	0.2	5.2	0.6	56	0.02	0.129	16
1382918	Soil Pulp	3.4	127.9	20.2	104	0.6	41.4	7.1	82	4.92	210.2	8.0	6.5	19	0.2	7.7	0.4	53	0.01	0.081	16
1382919	Soil Pulp	5.6	149.1	48.8	130	1.5	28.8	7.9	184	9.56	137.7	9.9	9.9	35	<0.1	8.5	0.9	45	<0.01	0.164	26
1382920	Soil Pulp	3.2	96.0	46.6	90	1.3	24.5	6.9	104	4.12	444.4	8.0	5.5	42	0.2	14.1	1.0	24	0.07	0.131	22
1382921	Soil Pulp	7.3	154.7	36.5	144	0.8	50.5	22.3	672	8.08	249.9	6.9	9.0	28	0.1	5.3	0.6	46	0.03	0.273	27
1382922	Soil Pulp	0.9	40.9	21.1	48	0.2	25.8	15.2	337	2.05	75.9	2.5	3.8	8	<0.1	1.4	0.7	4	<0.01	0.035	8
1382923	Soil Pulp	5.1	158.1	80.1	130	2.2	65.5	42.0	1170	8.33	33.4	13.3	8.0	35	<0.1	6.3	0.7	26	0.07	0.277	28
1382924	Soil Pulp	7.1	232.4	70.0	231	3.0	108.5	28.0	1134	10.05	39.2	18.7	6.0	44	0.2	9.9	1.0	44	0.04	0.209	32
1382925	Soil Pulp	10.0	531.0	117.2	501	2.3	317.5	268.6	3964	14.02	42.8	26.2	6.6	27	0.8	16.1	1.5	51	0.04	0.151	25
1382926	Soil Pulp	5.4	245.9	72.3	177	0.6	43.9	19.6	768	14.87	22.5	16.9	7.1	41	<0.1	8.4	1.6	72	0.02	0.112	10
1382927	Soil Pulp	6.6	250.7	74.1	226	1.0	64.2	28.8	788	14.31	25.4	10.9	7.0	35	0.1	8.0	1.2	81	0.01	0.158	16
1382928	Soil Pulp	5.0	171.8	71.4	240	0.5	75.6	23.5	586	14.62	28.2	4.4	10.3	43	<0.1	4.1	0.7	68	<0.01	0.165	19
1382929	Soil Pulp	7.6	135.0	84.6	151	0.6	30.7	8.1	456	15.18	33.5	6.5	8.8	41	<0.1	7.4	1.1	117	0.07	0.215	15
1382930	Soil Pulp	4.1	52.8	36.9	89	1.4	7.7	1.7	222	7.18	54.3	3.8	10.0	47	<0.1	7.1	0.5	66	<0.01	0.137	33

Acme Analytical Laboratories (Vancouver) Ltd.
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Project: CCJV
Report Date: September 23, 2011

CERTIFICATE OF ANALYSIS VAN11004469.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1382901	Soil Pulp	21	0.34	64	0.014	<1	1.39	0.005	0.11	0.2	0.05	2.5	0.3	0.07	4	3.8	<0.2
1382902	Soil Pulp	15	0.11	39	0.017	<1	0.93	0.001	0.10	<0.1	0.03	3.3	0.3	<0.05	4	4.5	<0.2
1382903	Soil Pulp	24	0.49	61	0.017	<1	1.57	0.006	0.11	0.5	0.11	2.3	0.5	0.09	4	4.2	0.2
1382904	Soil Pulp	22	0.50	51	0.012	<1	1.42	0.003	0.10	0.3	0.05	2.2	0.4	0.05	4	3.4	0.2
1382905	Soil Pulp	17	0.33	77	0.013	<1	1.36	0.003	0.15	0.1	0.04	2.9	0.5	0.08	3	4.1	<0.2
1382906	Soil Pulp	45	1.40	341	0.123	<1	3.26	0.009	0.72	0.4	0.02	8.1	0.9	0.12	9	4.1	<0.2
1382907	Soil Pulp	46	1.24	294	0.092	<1	2.38	0.016	0.52	0.2	0.02	7.2	0.7	0.40	8	4.1	<0.2
1382908	Soil Pulp	38	1.06	357	0.082	<1	2.43	0.019	0.54	0.2	0.02	5.4	0.6	0.45	7	4.8	0.2
1382909	Soil Pulp	35	0.74	258	0.056	<1	2.67	0.006	0.33	0.5	0.06	5.0	0.5	0.18	7	4.0	<0.2
1382910	Soil Pulp	40	1.04	438	0.074	<1	2.91	0.012	0.43	0.4	0.04	5.5	0.6	0.27	7	5.3	0.2
1382911	Soil Pulp	39	0.97	293	0.074	<1	2.35	0.024	0.49	0.2	0.01	5.7	0.6	0.47	7	4.8	0.2
1382912	Soil Pulp	30	0.90	122	0.062	<1	2.15	0.008	0.20	0.2	0.02	4.5	0.5	0.07	6	4.8	0.2
1382913	Soil Pulp	21	0.53	114	0.025	1	1.53	0.003	0.19	0.2	0.01	2.0	0.3	0.05	4	2.2	<0.2
1382914	Soil Pulp	19	0.51	67	0.023	<1	1.45	0.004	0.11	0.2	0.02	1.5	0.3	<0.05	4	1.6	<0.2
1382915	Soil Pulp	4	0.05	25	0.009	<1	0.50	0.013	0.02	0.2	0.02	0.2	<0.1	<0.05	2	1.0	<0.2
1382916	Soil Pulp	9	0.16	46	0.013	1	0.75	0.006	0.13	0.1	0.01	1.6	0.3	0.12	2	2.8	<0.2
1382917	Soil Pulp	25	0.37	84	0.049	<1	1.59	0.005	0.33	0.2	0.02	5.0	0.8	0.13	5	7.1	0.3
1382918	Soil Pulp	18	0.13	43	0.016	<1	0.91	0.002	0.09	0.2	0.01	4.7	0.3	<0.05	3	4.6	<0.2
1382919	Soil Pulp	28	0.32	79	0.044	2	1.18	0.006	0.29	0.4	0.03	3.7	0.5	0.17	4	9.1	0.2
1382920	Soil Pulp	14	0.19	86	0.019	1	1.03	0.009	0.10	0.5	0.02	1.5	0.2	<0.05	3	1.8	<0.2
1382921	Soil Pulp	27	0.39	93	0.022	3	1.53	0.005	0.12	0.4	0.05	2.7	0.4	<0.05	4	4.0	<0.2
1382922	Soil Pulp	5	0.09	19	0.005	<1	0.58	0.002	0.04	<0.1	0.01	0.4	<0.1	<0.05	2	0.9	<0.2
1382923	Soil Pulp	24	0.55	71	0.016	2	1.45	0.004	0.14	0.4	0.07	2.1	0.5	0.09	4	4.2	<0.2
1382924	Soil Pulp	26	0.51	96	0.020	<1	1.65	0.006	0.14	0.4	0.10	2.7	0.5	0.12	5	6.1	0.2
1382925	Soil Pulp	34	0.49	113	0.022	2	2.57	0.005	0.12	0.3	0.14	3.6	0.4	0.41	4	12.7	0.4
1382926	Soil Pulp	41	1.15	146	0.087	<1	2.63	0.005	0.32	0.3	0.03	5.7	0.7	0.30	8	11.5	0.4
1382927	Soil Pulp	40	1.07	240	0.105	<1	2.64	0.004	0.49	0.3	0.02	5.5	0.7	0.20	8	11.3	0.3
1382928	Soil Pulp	38	1.00	143	0.055	<1	2.42	0.005	0.25	0.2	0.02	3.7	0.5	0.30	6	4.4	<0.2
1382929	Soil Pulp	57	1.28	210	0.099	<1	2.68	0.009	0.40	0.2	0.02	7.9	0.7	0.40	9	9.5	0.3
1382930	Soil Pulp	38	0.83	245	0.046	<1	1.69	0.007	0.31	<0.1	0.04	3.2	0.5	0.28	6	19.4	0.3

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Project: CCJV
Report Date: September 23, 2011

CERTIFICATE OF ANALYSIS VAN11004469.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1382931	Soil Pulp	6.4	215.6	58.8	196	1.0	61.1	12.2	336	11.24	25.9	9.6	8.6	51	0.2	6.6	0.8	101	0.04	0.224	24
1382932	Soil Pulp	6.0	111.0	70.5	83	0.6	12.2	3.4	280	12.08	21.4	3.6	12.8	62	<0.1	5.5	0.7	77	0.01	0.195	24
1382933	Soil Pulp	6.3	291.4	62.2	267	1.0	45.7	11.3	864	15.35	19.4	20.8	7.7	28	<0.1	9.4	1.8	91	0.01	0.173	12

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CERTIFICATE OF ANALYSIS VAN11004469.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1382931	Soil Pulp	43	0.89	234	0.074	<1	2.43	0.007	0.34	0.2	0.03	4.9	0.6	0.28	7	7.5	0.3
1382932	Soil Pulp	41	0.73	361	0.066	<1	1.52	0.031	0.38	0.2	0.01	4.5	0.8	0.74	8	5.7	<0.2
1382933	Soil Pulp	43	1.02	168	0.106	<1	2.68	0.004	0.34	0.2	0.03	6.4	0.8	0.14	9	13.4	0.4

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Project: CCJV
Report Date: September 23, 2011

QUALITY CONTROL REPORT VAN11004469.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
Pulp Duplicates																					
1382906	Soil Pulp	3.8	176.4	40.8	111	0.6	26.6	9.1	400	8.80	27.9	9.5	5.5	43	<0.1	3.8	1.0	89	0.03	0.183	9
REP 1382906	QC	3.6	172.8	40.1	109	0.7	26.5	8.7	391	8.48	26.4	8.7	5.2	42	<0.1	3.7	1.0	86	0.04	0.178	9
1382921	Soil Pulp	7.3	154.7	36.5	144	0.8	50.5	22.3	672	8.08	249.9	6.9	9.0	28	0.1	5.3	0.6	46	0.03	0.273	27
REP 1382921	QC	7.4	154.6	33.7	146	0.7	47.9	23.2	703	8.73	257.7	6.5	8.6	28	0.1	5.3	0.5	46	0.02	0.235	27
Reference Materials																					
STD DS8	Standard	12.1	109.4	121.2	310	1.8	37.2	7.3	604	2.41	24.8	111.3	6.4	62	2.7	5.5	6.6	41	0.66	0.080	13
STD DS8	Standard	12.8	91.5	118.0	279	1.8	34.6	7.1	535	2.11	23.5	111.3	6.1	53	2.1	4.9	6.0	39	0.59	0.065	14
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08	14.6
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1

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Report Date: September 23, 2011

QUALITY CONTROL REPORT VAN11004469.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																	
1382906	Soil Pulp	45	1.40	341	0.123	<1	3.26	0.009	0.72	0.4	0.02	8.1	0.9	0.12	9	4.1	<0.2
REP 1382906	QC	44	1.35	338	0.118	<1	3.11	0.009	0.71	0.4	0.02	7.9	0.9	0.11	9	4.7	0.2
1382921	Soil Pulp	27	0.39	93	0.022	3	1.53	0.005	0.12	0.4	0.05	2.7	0.4	<0.05	4	4.0	<0.2
REP 1382921	QC	27	0.34	89	0.023	2	1.45	0.005	0.11	0.4	0.06	2.7	0.3	0.06	5	4.2	<0.2
Reference Materials																	
STD DS8	Standard	112	0.59	261	0.112	3	0.86	0.082	0.40	2.9	0.19	1.9	5.4	0.17	4	5.5	5.0
STD DS8	Standard	106	0.52	272	0.100	2	0.77	0.077	0.36	2.9	0.19	1.7	5.0	0.09	4	4.5	4.4
STD DS8 Expected		115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Submitted By: K. Wayne Livingstone
Receiving Lab: Canada-Whitehorse
Received: August 05, 2011
Report Date: August 31, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI11000924.1

CLIENT JOB INFORMATION

Project: CCJV
Shipment ID:
P.O. Number AZ-CANOL-MP-STAN-02
Number of Samples: 11

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	11	Crush, split and pulverize 250 g rock to 200 mesh			WHI
3B	11	Fire assay fusion Au by ICP-ES	30	Completed	VAN
1DX	11	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Carlin Gold Corporation
320 - 800 West Pender Street
Vancouver BC V6C 2V6
Canada

CC: Bob Thomas
J. Garfield MacVeigh
Darwin Green
Liz Cornejo

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Project: CCJV
Report Date: August 31, 2011

CERTIFICATE OF ANALYSIS WHI11000924.1

	Method	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
55212	Rock	1.15	<2	0.6	71.9	7.0	26	0.4	36.3	8.9	148	2.82	5.3	1.5	4.8	182	0.1	0.2	0.4	34	2.28
55213	Rock	0.80	<2	3.5	16.6	5.3	127	<0.1	49.5	14.9	182	1.98	20.0	2.4	12.4	29	0.2	0.2	0.3	26	0.49
55214	Rock	0.72	<2	9.0	77.1	210.5	148	1.7	56.5	13.0	339	7.41	7.9	1.9	9.4	1405	1.0	0.9	1.6	57	4.82
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This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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CERTIFICATE OF ANALYSIS WHI11000924.1

		Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga	Te
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
		MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	0.1	0.5	1	0.2
55212	Rock		0.025	11	35	0.71	106	0.102	<20	3.79	0.072	0.58	0.3	0.02	0.3	1.44	3.2	2.4	12	<0.2
55213	Rock		0.066	18	21	0.63	623	0.038	<20	1.39	0.008	0.49	<0.1	<0.01	0.3	0.21	0.9	<0.5	4	<0.2
55214	Rock		0.058	11	23	0.71	46	0.123	<20	7.58	0.173	0.03	1.5	0.01	<0.1	4.36	1.4	8.7	22	<0.2
[redacted]																				

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

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Client: **Carlin Gold Corporation**
320 - 800 West Pender Street
Vancouver BC V6C 2V6 Canada

Project: CCJV
Report Date: August 31, 2011

QUALITY CONTROL REPORT WHI11000924.1

	Method	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Core Reject Duplicates																					
54792	Rock	1.68	5	0.5	35.4	8.9	164	0.7	40.3	8.7	30	3.19	2.7	<0.5	1.4	16	0.8	0.5	0.1	9	0.08
DUP 54792	QC		5	0.5	36.3	8.4	156	0.7	37.5	8.5	31	2.95	2.5	<0.5	1.5	17	0.8	0.5	0.1	8	0.08
Reference Materials																					
STD DS8	Standard			12.7	108.6	118.4	312	1.6	37.0	7.4	607	2.49	24.6	87.1	6.4	65	2.2	4.0	6.5	43	0.70
STD DS8	Standard			14.8	120.0	132.3	328	1.9	39.4	8.3	651	2.59	27.2	126.8	7.4	67	2.5	4.3	6.8	43	0.76
STD OREAS45CA	Standard			0.6	488.1	20.4	59	0.3	237.7	86.9	909	15.94	3.5	33.8	7.2	15	<0.1	<0.1	0.2	198	0.43
STD OREAS45CA	Standard			0.7	513.4	22.1	66	0.3	258.0	95.2	950	16.62	3.4	41.9	7.8	15	<0.1	<0.1	0.2	207	0.45
STD OXC88	Standard		202																		
STD OXH82	Standard		1264																		
STD OXC88 Expected			203																		
STD OXH82 Expected			1278																		
STD DS8 Expected				13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	4.8	6.67	41.1	0.7
STD OREAS45CA Expected				1	494	20	60	0.275	240	92	943	15.69	3.8	43	7	15	0.1	0.13	0.19	215	0.4265
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
Prep Wash																					
G1	Prep Blank		<2	0.1	3.0	4.8	48	<0.1	2.6	4.2	592	2.00	2.1	<0.5	7.0	62	<0.1	0.4	0.1	37	0.53
G1	Prep Blank		<2	0.1	2.1	3.9	50	<0.1	2.8	4.2	606	2.04	0.7	<0.5	6.5	65	<0.1	0.2	<0.1	37	0.54

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320 - 800 West Pender Street
Vancouver BC V6C 2V6 Canada

Project: CCJV
Report Date: August 31, 2011

QUALITY CONTROL REPORT WHI11000924.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga	Te
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	0.1	0.5	1	0.2
Core Reject Duplicates																			
54792	Rock	0.037	2	7	0.06	12	0.002	<20	0.42	0.004	0.22	<0.1	0.14	<0.1	2.99	1.6	3.1	1	<0.2
DUP 54792	QC	0.036	2	6	0.05	16	0.002	<20	0.38	0.004	0.20	<0.1	0.16	<0.1	2.73	1.6	2.6	1	<0.2
Reference Materials																			
STD DS8	Standard	0.084	14	114	0.60	292	0.115	<20	0.90	0.084	0.40	2.4	0.20	5.1	0.17	2.3	5.1	5	4.7
STD DS8	Standard	0.079	16	122	0.65	292	0.125	<20	0.96	0.091	0.43	2.5	0.22	5.9	0.18	2.0	4.8	5	4.9
STD OREAS45CA	Standard	0.038	15	675	0.14	150	0.127	<20	3.49	0.015	0.07	<0.1	0.02	<0.1	<0.05	39.4	<0.5	18	<0.2
STD OREAS45CA	Standard	0.037	16	771	0.14	169	0.120	<20	3.78	0.009	0.08	<0.1	0.03	0.1	<0.05	37.0	<0.5	18	<0.2
STD OXC88	Standard																		
STD OXH82	Standard																		
STD OXC88 Expected																			
STD OXH82 Expected																			
STD DS8 Expected		0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	5.4	0.1679	2.3	5.23	4.7	5
STD OREAS45CA Expected		0.0385	15.9	709	0.1358	164	0.128		3.592	0.0075	0.0717		0.03	0.07	0.021	39.7	0.5	18.4	
BLK	Blank																		
BLK	Blank																		
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.05	<0.1	<0.5	<1	<0.2
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.05	<0.1	<0.5	<1	<0.2
Prep Wash																			
G1	Prep Blank	0.080	14	6	0.52	169	0.136	<20	0.94	0.083	0.49	<0.1	0.01	0.3	<0.05	2.0	<0.5	5	<0.2
G1	Prep Blank	0.078	13	6	0.54	165	0.134	<20	0.93	0.087	0.48	<0.1	<0.01	0.3	<0.05	1.9	<0.5	5	<0.2

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Client: **Carlin Gold Corporation**
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Submitted By: Confirmation Email List
Receiving Lab: Canada-Whitehorse
Received: September 06, 2011
Report Date: November 07, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI11001579.1

CLIENT JOB INFORMATION

Project: CCJV
Shipment ID:
P.O. Number MP-02
Number of Samples: 11

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	11	Crush, split and pulverize 250 g rock to 200 mesh			SMI
3B	11	Fire assay fusion Au by ICP-ES	30	Completed	VAN
1DX	11	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Carlin Gold Corporation
320 - 800 West Pender Street
Vancouver BC V6C 2V6
Canada

CC: Report Email List

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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320 - 800 West Pender Street
Vancouver BC V6C 2V6 Canada

Project: CCJV
Report Date: November 07, 2011

CERTIFICATE OF ANALYSIS WHI11001579.1

	Method	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
55141	Rock	1.13	<2	0.4	21.7	4.8	28	<0.1	12.5	1.4	25	1.01	2.1	1.3	1.2	3	<0.1	0.2	<0.1	5	<0.01
55142	Rock	1.15	6	1.0	11.0	12.7	7	0.2	2.2	0.5	13	0.70	31.4	4.6	2.0	8	<0.1	1.1	0.2	10	<0.01
55143	Rock	1.22	4	1.0	17.7	20.0	12	0.3	2.4	0.5	18	1.03	59.1	1.7	1.7	10	<0.1	1.5	0.1	9	<0.01
55144	Rock	1.40	<2	0.5	6.1	6.5	1	0.3	0.6	0.3	13	0.37	19.8	1.1	1.1	5	<0.1	0.8	<0.1	4	<0.01
55382	Rock	1.13	2	1.6	75.5	33.8	126	0.2	52.4	11.2	150	4.68	10.6	1.1	9.3	12	0.8	0.5	0.3	13	<0.01
55383	Rock	0.97	<2	0.2	10.3	19.4	11	0.2	3.1	0.9	20	0.51	5.7	0.8	0.7	2	<0.1	0.1	0.7	<2	<0.01
55384	Rock	1.37	<2	0.7	8.3	12.8	<1	<0.1	0.4	0.2	10	0.36	13.0	2.9	1.1	9	<0.1	0.6	<0.1	4	<0.01
55385	Rock	1.14	<2	<0.1	8.3	28.4	52	0.2	11.3	10.0	12	0.41	32.4	1.8	1.4	3	0.3	0.5	0.8	<2	<0.01
55386	Rock	1.36	<2	0.9	23.6	15.3	12	0.2	9.6	1.5	45	1.49	5.0	<0.5	3.4	9	<0.1	0.3	0.1	14	<0.01
55387	Rock	1.09	<2	0.1	3.3	8.5	14	<0.1	1.0	0.2	14	0.36	65.4	0.8	4.6	3	<0.1	0.8	0.5	<2	<0.01
55388	Rock	1.29	<2	0.2	30.3	7.3	76	0.2	33.9	10.5	280	2.54	2.4	0.9	3.8	127	<0.1	0.3	0.2	72	1.87

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320 - 800 West Pender Street
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Project: CCJV
Report Date: November 07, 2011

CERTIFICATE OF ANALYSIS WHI11001579.1

Method		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga	Te
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
MDL		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	0.1	0.5	1	0.2
55141	Rock	0.012	5	4	0.05	30	0.004	<20	0.29	0.004	0.08	<0.1	0.02	<0.1	<0.05	0.5	<0.5	<1	<0.2
55142	Rock	0.012	12	3	<0.01	65	<0.001	<20	0.21	0.004	0.10	0.9	0.02	0.1	<0.05	0.4	1.5	<1	<0.2
55143	Rock	0.019	8	5	<0.01	58	<0.001	<20	0.18	0.003	0.08	<0.1	0.08	<0.1	<0.05	0.6	1.4	<1	<0.2
55144	Rock	0.011	7	3	<0.01	58	<0.001	<20	0.13	0.005	0.07	0.9	0.03	<0.1	<0.05	0.2	0.5	<1	<0.2
55382	Rock	0.086	27	14	0.19	104	0.011	<20	0.96	0.005	0.25	<0.1	0.02	0.1	<0.05	1.2	0.9	2	<0.2
55383	Rock	0.004	3	2	<0.01	13	<0.001	<20	0.13	0.002	0.03	2.9	<0.01	<0.1	<0.05	0.2	<0.5	<1	0.2
55384	Rock	0.005	6	3	<0.01	45	<0.001	<20	0.13	0.003	0.07	0.4	<0.01	<0.1	<0.05	0.2	1.7	<1	<0.2
55385	Rock	0.002	2	<1	<0.01	10	<0.001	<20	0.29	0.052	0.17	0.2	0.03	<0.1	0.20	0.1	<0.5	1	<0.2
55386	Rock	0.007	10	8	0.18	55	0.003	<20	0.61	0.005	0.10	<0.1	0.02	<0.1	<0.05	1.0	0.8	2	<0.2
55387	Rock	0.004	3	<1	<0.01	9	0.003	<20	0.45	0.036	0.20	0.6	<0.01	<0.1	<0.05	0.2	<0.5	2	<0.2
55388	Rock	0.033	10	48	1.51	106	0.136	<20	3.87	0.208	1.32	0.2	0.03	0.5	0.73	6.1	0.7	12	<0.2

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Project: CCJV
Report Date: November 07, 2011

QUALITY CONTROL REPORT WHI11001579.1

	Method	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																					
55142	Rock	1.15	6	1.0	11.0	12.7	7	0.2	2.2	0.5	13	0.70	31.4	4.6	2.0	8	<0.1	1.1	0.2	10	<0.01
REP 55142	QC			1.0	11.2	12.7	8	0.2	2.4	0.4	16	0.74	32.6	5.9	1.9	8	<0.1	1.2	0.1	10	<0.01
55382	Rock	1.13	2	1.6	75.5	33.8	126	0.2	52.4	11.2	150	4.68	10.6	1.1	9.3	12	0.8	0.5	0.3	13	<0.01
REP 55382	QC		2																		
Reference Materials																					
STD DS8	Standard			13.4	119.5	129.6	336	1.8	40.7	8.1	655	2.64	25.0	109.2	6.7	70	2.4	4.8	6.3	43	0.75
STD OREAS45CA	Standard			0.8	520.3	20.2	63	0.3	249.5	95.7	958	16.47	3.7	41.0	6.9	15	<0.1	<0.1	0.2	207	0.43
STD OXC88	Standard		197																		
STD OXH82	Standard		1249																		
STD OXC88 Expected			203																		
STD OXH82 Expected			1278																		
STD DS8 Expected				13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	4.8	6.67	41.1	0.7
STD OREAS45CA Expected				1	494	20	60	0.275	240	92	943	15.69	3.8	43	7	15	0.1	0.13	0.19	215	0.4265
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
Prep Wash																					
G1	Prep Blank		<2	0.2	2.8	3.1	47	<0.1	2.5	4.3	608	2.12	1.2	0.7	5.6	66	<0.1	0.2	<0.1	41	0.56
G1	Prep Blank		<2	0.1	2.9	3.0	48	<0.1	2.8	4.4	584	2.09	<0.5	<0.5	5.8	66	<0.1	<0.1	<0.1	40	0.62

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Project: CCJV
Report Date: November 07, 2011

QUALITY CONTROL REPORT WHI11001579.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga	Te
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	0.1	0.5	1	0.2
Pulp Duplicates																			
55142	Rock	0.012	12	3	<0.01	65	<0.001	<20	0.21	0.004	0.10	0.9	0.02	0.1	<0.05	0.4	1.5	<1	<0.2
REP 55142	QC	0.012	12	5	<0.01	68	<0.001	<20	0.23	0.004	0.10	0.9	0.03	<0.1	<0.05	0.4	1.5	<1	<0.2
55382	Rock	0.086	27	14	0.19	104	0.011	<20	0.96	0.005	0.25	<0.1	0.02	0.1	<0.05	1.2	0.9	2	<0.2
REP 55382	QC																		
Reference Materials																			
STD DS8	Standard	0.082	15	130	0.65	299	0.123	<20	0.98	0.098	0.44	2.9	0.22	5.8	0.18	2.3	5.6	5	5.1
STD OREAS45CA	Standard	0.039	17	758	0.16	160	0.134	<20	3.93	0.015	0.08	<0.1	0.03	0.1	<0.05	39.1	<0.5	20	<0.2
STD OXC88	Standard																		
STD OXH82	Standard																		
STD OXC88 Expected																			
STD OXH82 Expected																			
STD DS8 Expected		0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	5.4	0.1679	2.3	5.23	4.7	5
STD OREAS45CA Expected		0.0385	15.9	709	0.1358	164	0.128		3.592	0.0075	0.0717		0.03	0.07	0.021	39.7	0.5	18.4	
BLK	Blank																		
BLK	Blank																		
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.05	<0.1	<0.5	<1	<0.2
Prep Wash																			
G1	Prep Blank	0.078	14	4	0.54	197	0.134	<20	1.01	0.105	0.52	<0.1	0.03	0.3	<0.05	2.2	<0.5	5	<0.2
G1	Prep Blank	0.081	15	5	0.57	172	0.140	<20	1.00	0.101	0.51	0.7	<0.01	0.3	<0.05	2.3	<0.5	5	<0.2