GEOLOGICAL AND GEOCHEMICAL

ASSESSMENT REPORT

for the

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

on the

STAN PROPERTY GROUP HL12342

STAN 1-562 YE38101-YE38662 owned by Constantine Metal Resources Ltd

where work was performed from

July through September, 2011

in the

Watson Lake Mining District, Yukon
NTS Sheet 105J/09 & J/10

centered at

UTM NAD 83 Zone 9, 423000E 6950000N

July 11, 2012

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SUMMARY

In March 2011, Constantine Metal Resources Ltd ("Constantine") and Carlin Gold Corporation ("Carlin") staked the Stan 1-562 quartz claims. All claims are part of a 50/50 joint venture between Constantine and Carlin ("CCJV"). For assessment filing purposes the Stan claims ("Property") are Group HL 12342.

The Property was staked after reviewing RGS (regional silt sample) data and researching the available geological data (mostly from the Yukon Geological Survey – YGS). Staking followed the public announcement by ATAC Resources Ltd. of the discovery of Carlin-style mineralization at the Osiris and nearby Conrad zones, located in an area that is being referred to as the Nadaleen trend, approximately 175 kilometers northwest of the Property. The CCJV's initial exploration target on the Stan claims is Carlin-style mineralization similar to the recent discoveries in the Nadaleen trend.

Published geology maps indicate that the Property is underlain primarily by clastic sedimentary units of the Ordovician to Silurian age Road River and Devonian age Earn Groups. Most of the Property is underlain by undifferentiated Duo Lake and Steel Formations of the Road River Group. These units consist primarily of dolomitic mudstones/siltstones, shale and chert. Earn Group rocks are confined to the southeast portion of the Property, and are mapped as Portrait Lake Formation, which consists of siltstones, slates and cherts. The closest mapped intrusive rock is a < 1 km diameter Cretaceous-age granitic body located 8.7 km east of the east Property boundary. A regionally prominent fault, the Sheldon Thrust, projects toward the property from 5 km west.

An initial stage of reconnaissance geochemical sampling was completed using predominantly contour soil and silt traversing. The survey included collection of 872 soils, 99 silts, and 8 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 Laboratories Ltd (AcmeLabs) in Vancouver, B.C., for 36 element ICP-MS and 30 gm AA determination for gold.

The 2011 sampling program encountered three distinctive clusters containing anomalous soil values for gold, arsenic, mercury, antimony, thallium and silver. The northern two clusters could actually represent a continuous anomalous bedrock zone which extends 4.3 km west northwest and is 1.5 km wide. This zone is underlain by undifferentiated Road River Group lithologies. The southern anomaly consists of a gold-arsenic core that trends 3.2 km east-west to west-northwest, measuring 1 km wide. The gold-arsenic anomaly coincides with anomalous mercury, thallium, antimony and silver soil values. The Hg-Tl-Sb-Ag extends a further 2.2 km north and northeast of the gold-arsenic core.

Two regional RGS silt samples that drain or partially drain the anomalous soil clusters contain an "Osiris signature"; that is, they contain values for gold, arsenic, antimony and mercury all at the same or greater levels as the closest RGS sample to Osiris, collected 1.2 km downstream from the discovery.

Additional exploration is required to evaluate the Carlin-type potential on the Stan claims. Thorough prospecting/rock sampling and reconnaissance geological mapping is required in areas where anomalous gold-arsenic-mercury-antimony-thallium soil geochemistry has been encountered. The geological evaluation should pay particular attention to defining calcareous sections within the stratigraphy, as these

represent important potential host rocks. Structural observations will be helpful in identifying the possible east projection of the Sheldon thrust, which may have an important influence on mineralization.

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1. INTRODUCTION

1.1 Location and Access

The Stan property ("Property") is located in southeast Yukon centered at 423000E 6950000N (UTM NAD83 Zone 9) on NTS sheets 105J/09 & 10. The Property is situated 125 km north-east of the community of Ross River and 15 km southeast of the North Canol Road (Fig. 1).

1.2 Physiography and Vegetation

The Property is located in the Selwyn Mountains, within moderately rugged terrain with elevations ranging from 940 meters on the northwest edge to over1800 meters in the southwest and southeast portions of the claims. The Property lies within the Upper Pelly portion of the Pelly River basin. Highest elevations are characterized by rubble crop, talus and abundant outcrop along the ridges. Lower elevations are covered by cordilleran boreal spruce and fir forest, with abundant alder growth. This vegetation grades into stunted conifers and buckbrush towards the tree line. Alpine tundra vegetation covers higher elevations.

1.3 Claim Details

The claim group, HL12342, consists of 562 contiguous quartz claims covering an area of 117 square kilometers that are located in the Watson Lake Mining District, Yukon. Constantine Metal Resources Ltd ("Constantine") 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. Between the time of completing exploration work and submission of this assessment report the Property was reduced in size from the original group of 562 claims (note that the original group of 562 claims is represented in the figures herein).

Table 1. Claim Summary for the STAN Property[1]
Group HL12342

Claim Name	Claim No.	Grant No. (to)	Total No.	Expiry Date	NTS Sheet	Registered Owner
STAN	1-562	YE38101-YE38662	562	07/04/2012 & 07/04/2017	105O/09 & 10	Constantine Metal Resources Ltd - 100%

[1] *Refer to Appendix B for further claim details.*

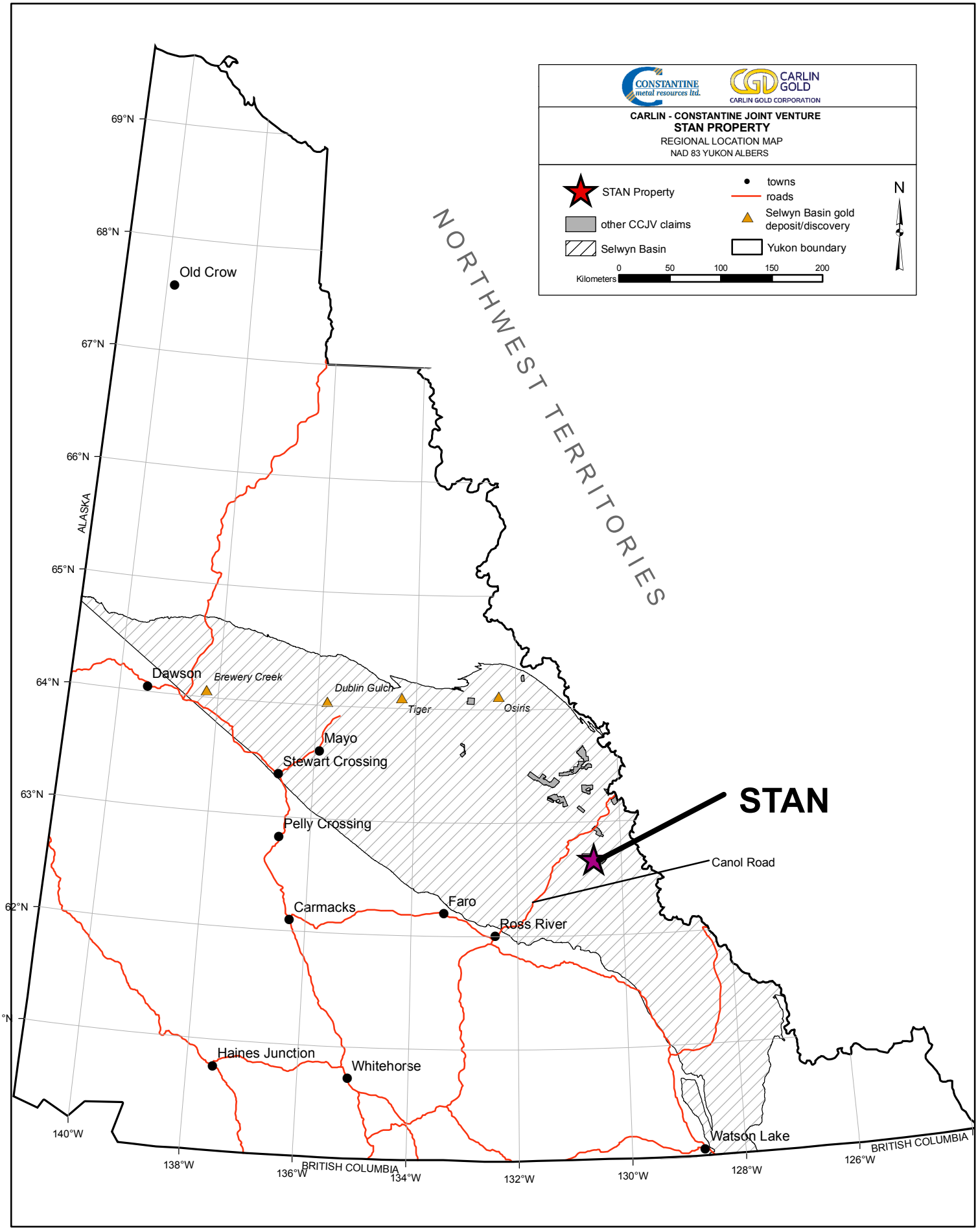


Figure 1. Stan Property regional location map.

1.4 Exploration History

There is one documented mineral occurrence on the Property: MINFILE #105K 020 ("Macrae"), shown in Figure 2. There are no mineral assessment reports available for this occurrence, and the MINFILE report notes that the metal response generated by sampling in the 1970s is attributed to high rock background.

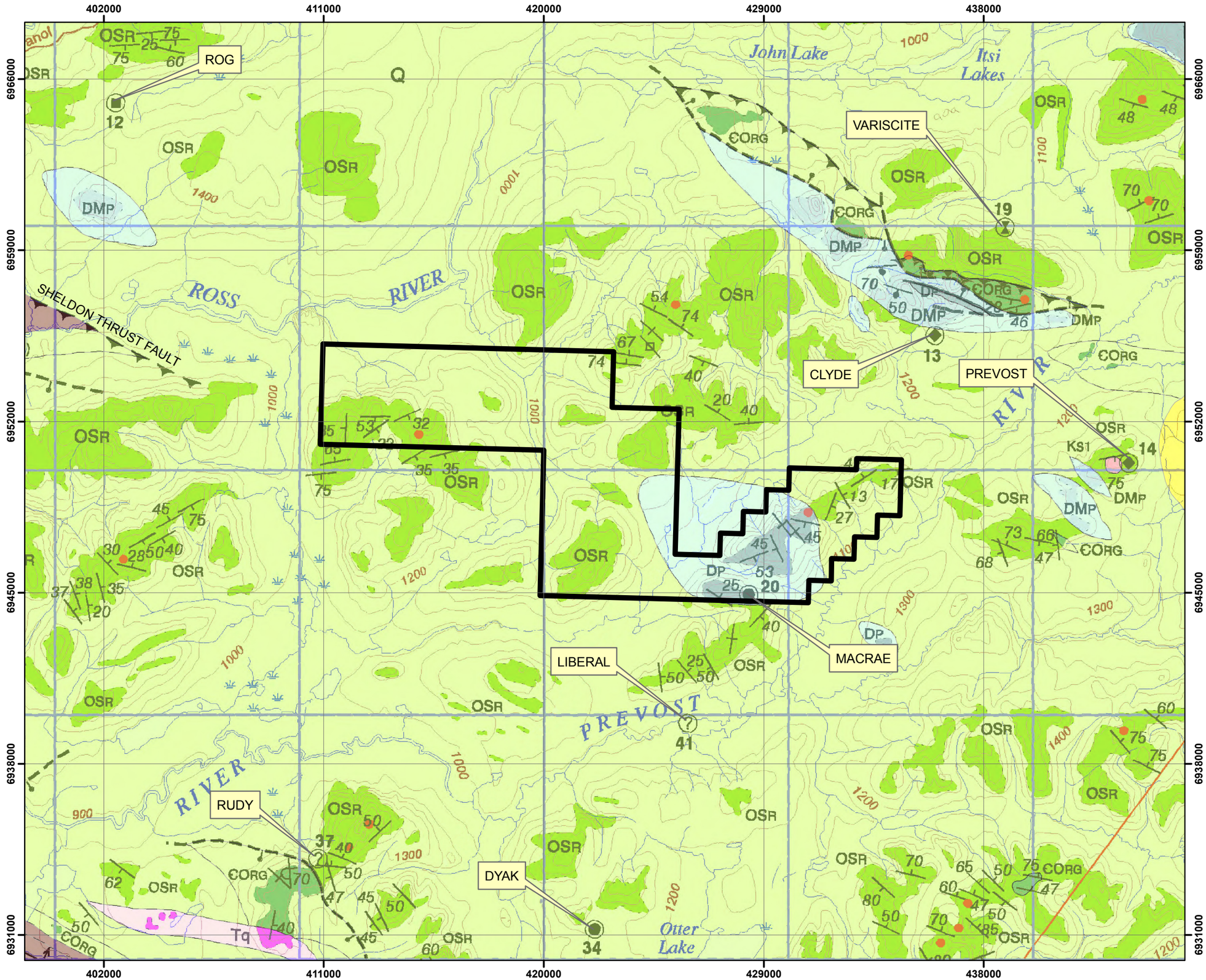
Locations for seven additional MINFILE occurrences are shown in Figure 2. The closest occurrence, located 5.3 km north (#105J 013, "Clyde"), is categorized as a Sedex Zn-Pb-Ag prospect. Other prospects shown in Figure 2 are as follows: #105J 019, "Variscite" (copper skarn showing), #105J 034, "Dyak" (Sedex Zn-Pg-Ag anomaly), #105J 014, "Prevost", (tungsten skarn prospect) and #105J 012, "Rog" (Sedex Zn-Pb-Ag drilled prospect). Occcurrences #105J 041 ("Liberal") and #105J 037 ("Rudy") are classified as unknown type, with no information provided.

2. GEOLOGICAL SETTING

2.1 Regional Geology

The Property is located in the Selwyn Basin. 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.



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GEOLOGY MAP OF
THE STAN PROPERTY

UTM NAD 83 ZONE 9

1 : 150 000

GEOLOGIC UNITS

TERTIARY?

Tq — Vein Unit

MID-CRETACEOUS

KS — Selwyn Plutonic Suite

UPPER DEVONIAN TO MISSISSIPPIAN

DMP — Earn Group - Prevost Fm

LOWER DEVONIAN TO UPPER DEVONIAN

DP — Portrait Lake Fm

ORDOVICIAN AND SILURIAN

OSR — Road River Group

UP. CAMBRIAN AND LOWER ORDOVICIAN

CORG — Rabbitkettle Fm (Gold Creek Facies)

PROTEROZOIC AND LOWER CAMBRIAN

PY — Yusezyu Fm

OTHER

normal fault

thrust fault

fossil locality

bedding

STAN property boundary

Figure 2. Geology map of the STAN property (from Gordey, 2008)

2.2 Property Geology

The CCJV has not conducted geological mapping on the Property. According to the compiled regional geology map (Gordey & Makepeace, 2003) the Property is underlain by sedimentary rocks assigned to the Ordovician-Silurian age Road River Group and the Devonian Earn Group (see Table 2 for general descriptions). Gordy (2008) shows the Road River Group consisting of shales and cherts of the Duo Lake Formation, overalain by ±calcareous mudstones and siltstones of the Steel Formation. Neither The Gordey and Makepeace compilation map nor Gordey (2008) differentiates these two formations in the Property area. The Gordy map (2008) indicates that within the Property, the Earn Group consists of siliciclastic rocks and cherts of the Portrait Lake Formation. The closest mapped intrusive rock is a < 1 km diameter Cretaceous-age granitic body located 8.7 km east of the east Property boundary, shown on the east edge of Figure 2. A tungsten skarn prospect ("Prevost") is associated with this intrusion.

The variance in available bedding attitudes shown on the published map implies more complex local structural geology than is illustrated. This conclusion is supported by the limited bedding attitudes and observations by CCJV geologists. The regionally prominent Sheldon thrust fault appears to be project towards the property from the west (Fig. 2), and may be contributing to a complex structural environment.

Table 2. Geologic Units mapped on the Stan Property (Gordey, 2008)

Unit	Name	Age	Description
Tq	Vein Unit	Tertiary	White weathering, white vein quartz
KS	Tombstone/Selwyn Plutonic Suite	Mid-Cretaceous	Grey-weathering, resistant, medium- to coarse-grained, locally megacrystic (K-spar) biotite and/or hornblende and/or muscovite granite, quartz monzonite and granodiorite. KS1: plutons without hornblende
DMP	Earn Group: Prevost Formation	Upper Devonian to Mid-Mississippian	Recessive, brown weathering, thin-bedded, laminated, dark blue-grey to black slate and thin to thickly interbedded fine- to medium-grained chert-quartz arenite and wacke, and chert-pebble conglomerate
DP	Earn Group: Portrait Lake Formation	Lower Devonian to Upper Devonian	Black, gun-blue or silvery white weathering, thin bedded, siliceous, black siltstone, slate and chert
OSR	Road River Group undifferentiated	Ordovician and Silurian	Steel Formation: orange weathering, thin bedded, burrowed, dolomitic, grey-green mudstone, siltstone and chert; thin-bedded; black chert; rare black graptolitic shale. Duo Lake Formation: resistant, grey weathering, thin- to medium bedded, green, grey and black chert; recessive, gunsteel weathering, black graptolitic shale
CORG	Rabbitkettle Formation (Gold Creek Facies)	Upper Cambrian and Lower Ordovician	Grey-buff weathering, laminated to thin bedded, locally nodular limestone and shaly limestone limestone conglomerate; light grey weathering, dark grey, thin bedded limestone separating members of dark brown weathering, black shale; medium green weathering, green shale
PY	Yusezyu Formation	Proterozoic and Lower Cambrian	Grey brown weathering, thin to thick bedded, interbedded, qtz sandstone, local qtz pebble conglomerate and grey to green to dark grey slate.

2.3 Mineralization Potential (pre-program assessment)

The Stan claims were staked primarily to target areas for potential sedimentary rock-hosted, Carlin-style gold mineralization hosted in prospective Paleozoic lithologies. The claims were staked following the ATAC Resources' announcement of the discovery of Carlin-style mineralization at the Osiris and Conrad zones which are located along what is currently being referred to as the Nadaleen trend, approximately 175 kilometers northwest of the Property.

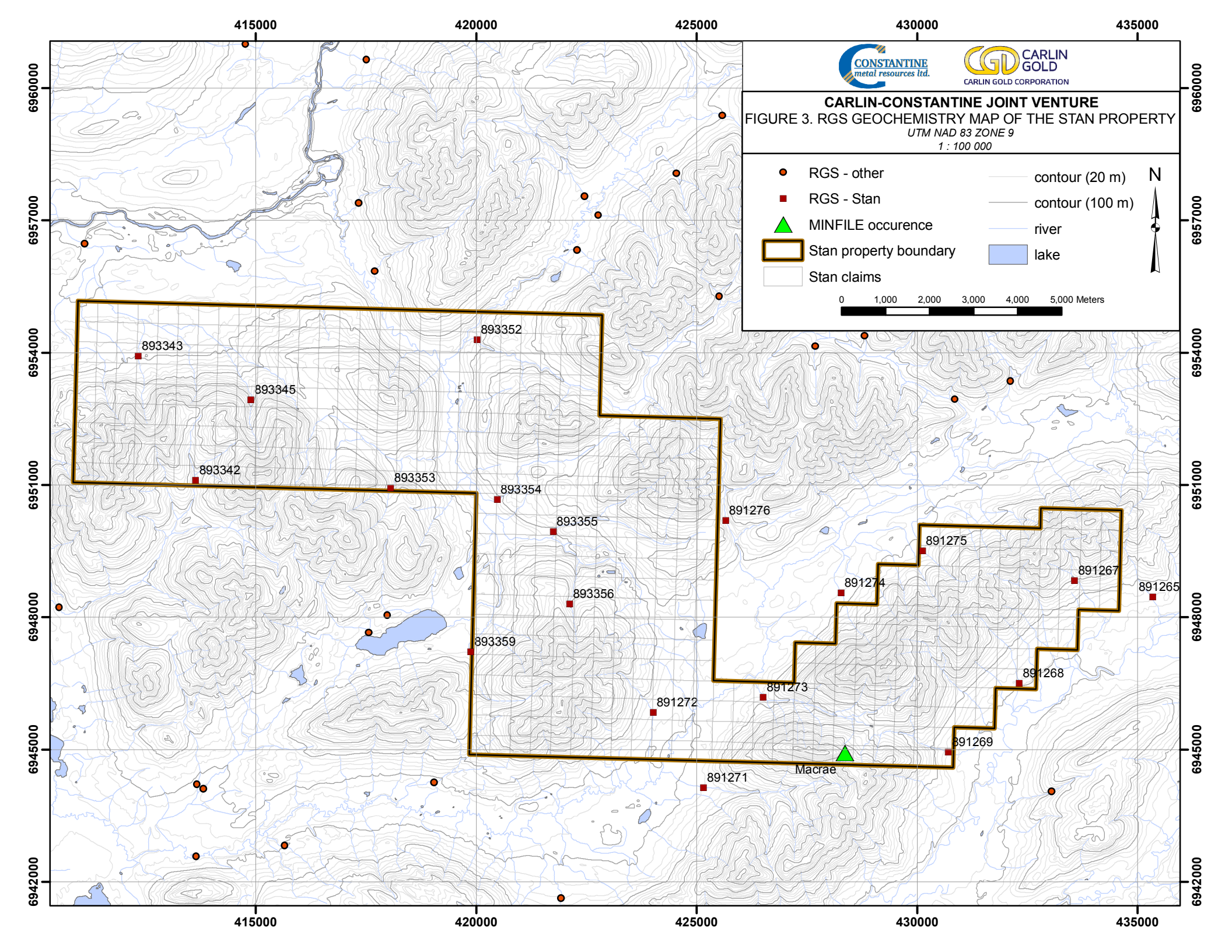
The Property meets several diagnostic criteria which are characteristic of Carlin-type deposits in Nevada, including the following: 1. ancient continental margin setting, 2. prominent regional scale thrust faults (prominent Sheldon thrust fault projects into Property from west) 3. Favourable

carbonate-bearing host rock stratigraphy, and 4. key pathfinder elements in regional stream sediments.

Nineteen silt samples from the regional stream geochemistry database (RGS data) are located on the Property or at least partly drain the Property (Fig. 3). RGS geochemical values are provided in Table 3. Several of these samples contain strongly anomalous "Carlin-type" elements (gold, arsenic, antimony, mercury), including ten samples in the 95th percentile for gold (≥ 12 ppb), three samples in the 95th percentile for arsenic (≥ 75 ppm), four samples in the 95th percentile for antimony (≥ 8.3 ppm) and eleven samples in the 95th percentile for mercury (≥ 382 ppb). Percentiles are based on the 31,067 sample RGS population clipped to Selwyn Basin area (8,119 samples). Interestingly, two RGS samples (nos. 891268 and 893354 contained a multelement (Au, As, Hg, Sb) signature similar in tenor to the closest RGS sample to the Osiris discovery (collected 1.2 km down-drainage) - that is all four elements in the sample contain ≥ 8 ppb Au, ≥ 74 ppm As, ≥ 140 ppm Hg and ≥ 3 ppm Sb. Only 72 RGS samples out of the 31,000 sample Yukon RGS database meet these criteria, 63 of which occur within the Selwyn Basin.

Table 3. RGS Data for the STAN property

SAMPLE NUMBER	SAMPLE ID	Au (ppb)	Ag (ppm)	As (ppm)	Hg (ppm)	Sb (ppm)	Cu (ppm)	Mo (ppm)	Pb (ppm)	Ba (ppm)	U (ppm)	W (ppm)	Zn (ppm)
891265	105J891265	8	0.4	21	304	8.5	90	16	9	4600	9.3	1	515
891267	105J891267	9	0.9	47	437	11.3	83	21	8	5550	6.6	0.5	485
891268	105J891268	12	1.5	139	836	14	91	37	8	5160	7.9	0.5	298
891269	105J891269	9	0.5	30	228	6.3	99	10	14	18000	8.2	4	583
891271	105J891271	12	0.9	17	516	5	83	9	13	3000	7.7	0.5	514
891272	105J891272	15	1.2	25	1216	4.9	136	9	5	1700	5	0.5	627
891273	105J891273	5	1.9	532	2052	45.2	48	119	6	4700	8.2	0.5	57
891274	105J891274	10	0.9	18	306	4.4	80	6	15	2800	8.2	2	256
891275	105J891275	12	0.2	20	168	4.6	76	5	11	4600	6.1	2	255
891276	105J891276	10	0.7	26	306	4.7	92	7	12	4900	7.2	0.5	624
893342	105J893342	12	1.1	13	338	2.4	69	6	12	2300	5.7	0.5	272
893343	105J893343	24	0.7	18	600	5.9	244	14	16	4200	9.6	0.5	533
893345	105J893345	20	0.5	36	403	4.3	135	10	17	3100	7	0.5	205
893352	105J893352	13	1.3	33	492	7	88	13	14	11600	9.9	2	1230
893353	105J893353	11	0.5	17	279	3.1	70	6	18	3300	7.1	0.5	189
893354	105J893354	8	0.9	114	520	8	40	44	8	3400	5.7	1	2250
893355	105J893355	15	1.8	32	990	3	77	3	19	3500	4.5	0.5	535
893356	105J893356	13	0.6	23	524	4	231	6	20	3800	5.1	1	384
893359	105J893359	10	0.4	20	275	3.3	50	5	12	4600	5.7	2	239


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FIGURE 3. RGS GEOCHEMISTRY MAP OF THE STAN PROPERTY
UTM NAD 83 ZONE 9
1 : 100 000
RGS - other
RGS - Stan
MINFILE occurence
Stan property boundary
Stan claims
contour (20 m)
contour (100 m)
river
lake
N
0 1,000 2,000 3,000 4,000 5,000 Meters
415000
420000
425000
430000
435000
6960000
6957000
6954000
6951000
6948000
6945000
6942000
893343
893345
893342
893352
893353
893354
893355
893356
893359
891276
891275
891274
891267
891265
891268
891273
891272
891269
891271
Macrae

3. WORK PROGRAM

3.1 Sampling Area

A total of 979 samples were collected on the Property, including 8 rocks, 99 silts, and 872 soils. Contour sampling was the initial sampling approach with nominal sample spacing at 100-125 m. Follow-up fill-in contour traverses were carried out in selected areas. Plate 1 shows the sample locations.

3.2 Sample Preparation and Procedures

All soils and silt samples collected were dried and sieved at a 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, silts have a 9-digit sample number, and soils have a 9-digit sample number. 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.

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. Acme Analytical Laboratories, Vancouver maintains a Certificate of Registration at ISO 9001:2008 for Quality Management System (Certificate No: FM 63007).

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. 4) using the data from the XRF and assay results for much of the CCJV property-wide database. This shows a coefficient of determination factor of 0.991 which equates to excellent correlation between both determinations.

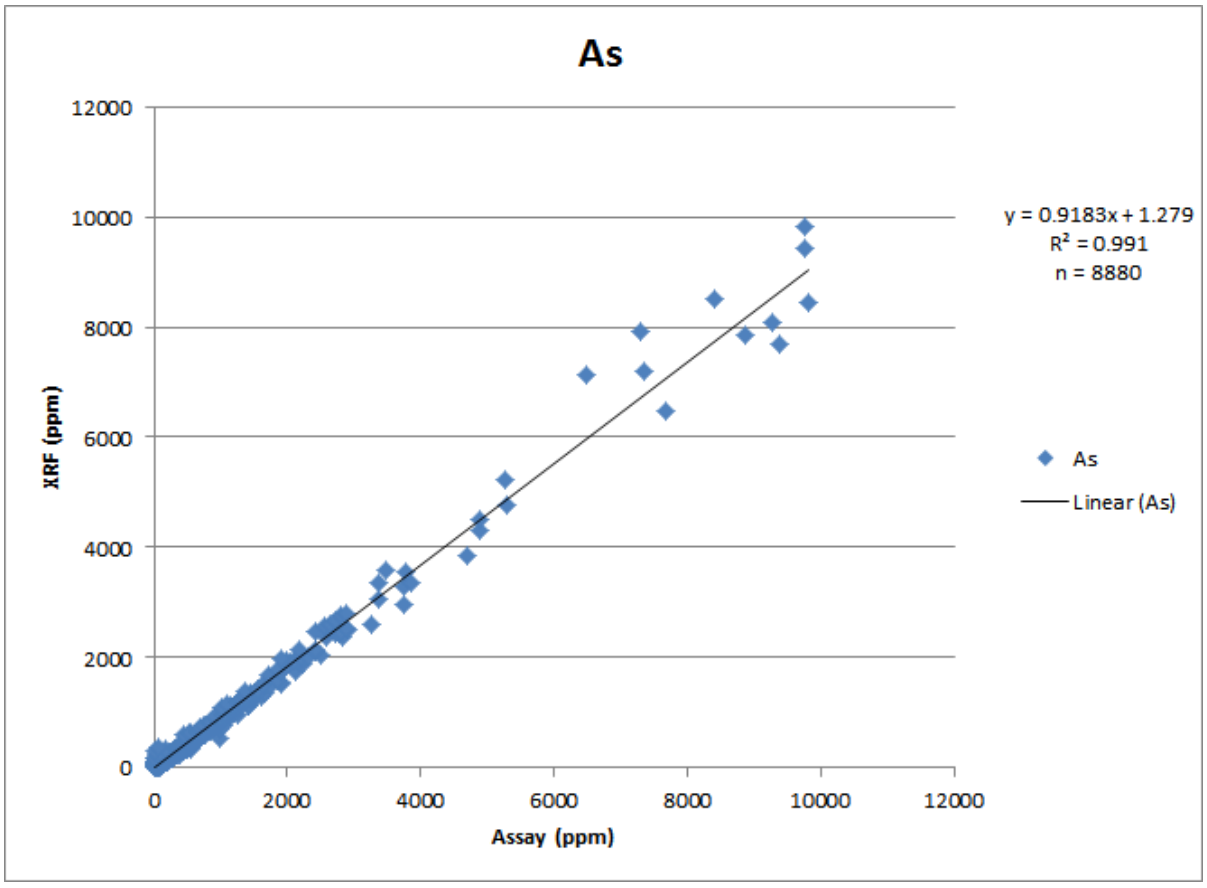


Figure 4. XRF linear regression analysis for Arsenic

3.4 Assay Procedure

The prepped soils 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.

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
Mairi Greig
Kei Quinn
Hannah Grimson
Thomas Sly
Kelsey Rufiange
Nathan Speijer
Lukasz Jarawka
Christophe Marie

Pilot

Taylor Morrison, Kluane Helicopters

3.6 Expenditures

Table 4. Table of Expenditures for the Stan Property

Statement of Expenditures - Stan Property Group (HL12342)			
July-September 2011 Reconnaissance Field Program - Soils, Silts, and Prospecting			
LABOUR	**UNIT**	**RATE**	**TOTAL**
Project Manager (R.Thomas/D.Green)	9	600	5,400
Crew Chief (R.Greig)	9	400	3,600
Geologist/Dbase Manager	9	350	3,150
Sample Crew (CJ Greig and Assoc.)	45	315	14,175
Prospectors		400	-
Sample prep crew and XRF operator	36	315	11,340
subtotal			37,665
GEOCHEMISTRY			
Assay cost (Acme Analytical)			19,580
XRF equipment and prep lab rental and supplies			8,550
Shipping			1,469
subtotal			29,599
CAMP COSTS	**UNIT**	**RATE**	**TOTAL**
Room and Board (all-in camp costs per head)*	108	225	24,300
Field Supplies			2,937
subtotal			27,237
FIELD TRANSPORTATION			
Helicopter + Fuel (Kluane Helicopters)			54,675
Fixed Wing (Alkan Air)			7,625
subtotal			62,300
REPORT WRITING			3,500
TOTAL			**160,301**

* 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. Nineteen samples were either collected on the Property or within drainage basins that at least partly include the Property. The 31,000 sample, Yukon-wide dataset was clipped to the boundary of the Selwyn Basin, as it was determined that the statistics confined to this geological feature would provide more meaningful information. There are a total of 8,119 samples within this clipped RGS dataset. Several elements contain values within the 95th percentile for the Selwyn Basin database, as follows (95th percentile values in parenthesis): ten samples for gold ($\geq$ 12 ppb), four samples for antimony (8.3 ppm), three samples for arsenic (75 ppm), eleven samples for mercury (382 ppb), six samples for silver (1.1 ppm), four samples for copper (100 ppm), and two samples for barium (5620 ppm). RGS sample #891273 contains the ninth highest mercury value (2,052 ppb) and the fifth highest molybdenum value (119 ppm) in the clipped Selwyn Basin database.

4.2 Project Geochemical Sampling

The 2011 field program consisted primarily of soil geochemical sampling, with lesser silt and rock sampling. Initial contour sampling traverses at a nominal spacing of 100-125 meters were laid out to best take advantage of topography, while providing efficient coverage of the existing prospective geological features and several Landsat TM satellite alteration anomalies. A total of 979 samples were collected, including 8 rocks, 99 silts, and 872 soils. Plate 1 shows the sample locations. Sixteen individuals participated in the sampling program. Soil and silt samples were prepped at a base camp 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 for soils. Geochemistry distribution maps for gold, arsenic, mercury, antimony, thallium and silver are provided in Figures 5-10. Geochemistry distribution is discussed in Section 5.

Table 5. Statistics for soil samples for the Stan property (871 samples)

	Au (ppb)	As (ppm)	Hg (ppm)	Sb (ppm)	Tl (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Ni (ppm)	Pb (ppm)	Bi (ppm)
Max	64.2	1593.2	8.87	42.1	3.2	19.6	1846.1	1601	285.6	98.8	0.8
Mean	4.93	21.47	0.42	3.64	0.39	2	48.89	95.2	18.95	13.33	0.23
Standard Deviation	6.38	67.86	0.85	4.07	0.41	2.67	72.02	110.87	19.23	8.43	0.1
95th percentile	16.7	54.1	1.67	10.8	1.2	7.5	120.9	249	48.7	27.9	0.4

Silts

Statistical summaries for gold, arsenic, mercury, antimony, thallium, silver, copper, nickel, lead, zinc and bismuth are provided in Table 6 for silts. Given the rather low number of silt samples collected, the statistics should be interpreted with caution. The silt geochemistry distribution is illustrated along with soils in Figures 5-10.

Table 6. Statistics for silt samples for the Stan property (99 samples)

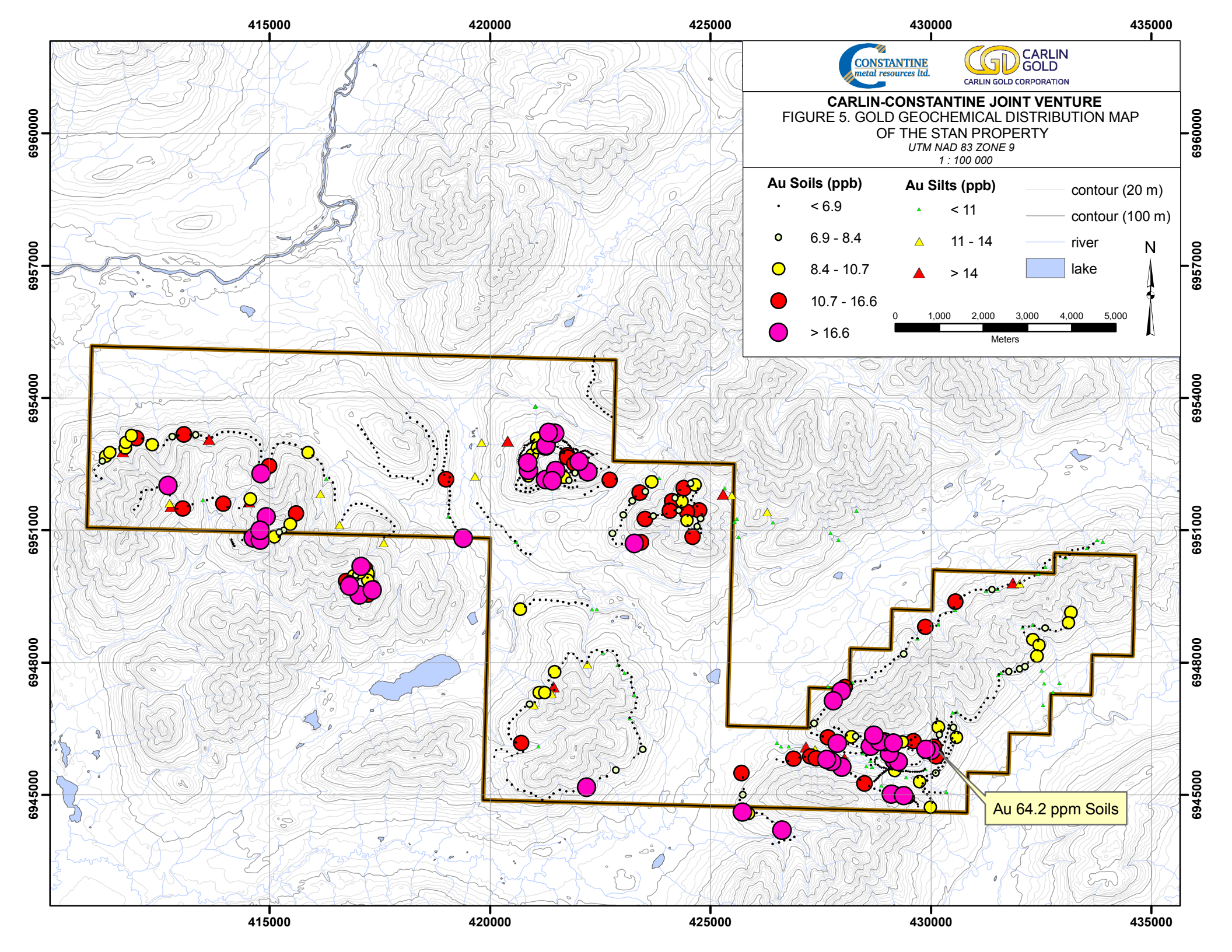
	Au (ppb)	As (ppm)	Hg (ppm)	Sb (ppm)	Tl (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Ni (ppm)	Pb (ppm)	Bi (ppm)
Max	36.6	808.6	8.26	62.7	2	18.8	339.8	4778	1099.6	31.2	0.3
Mean	8.86	59.44	0.94	8.44	0.55	2.27	94.89	633.51	115.02	13.29	0.17
Standard Deviation	4.88	129.84	1.01	11.33	0.36	2.7	59.39	841.87	148.34	5.46	0.07
95th percentile	16	253.9	2.58	40.2	1.2	8.6	226.7	2538	386.7	23.9	0.3

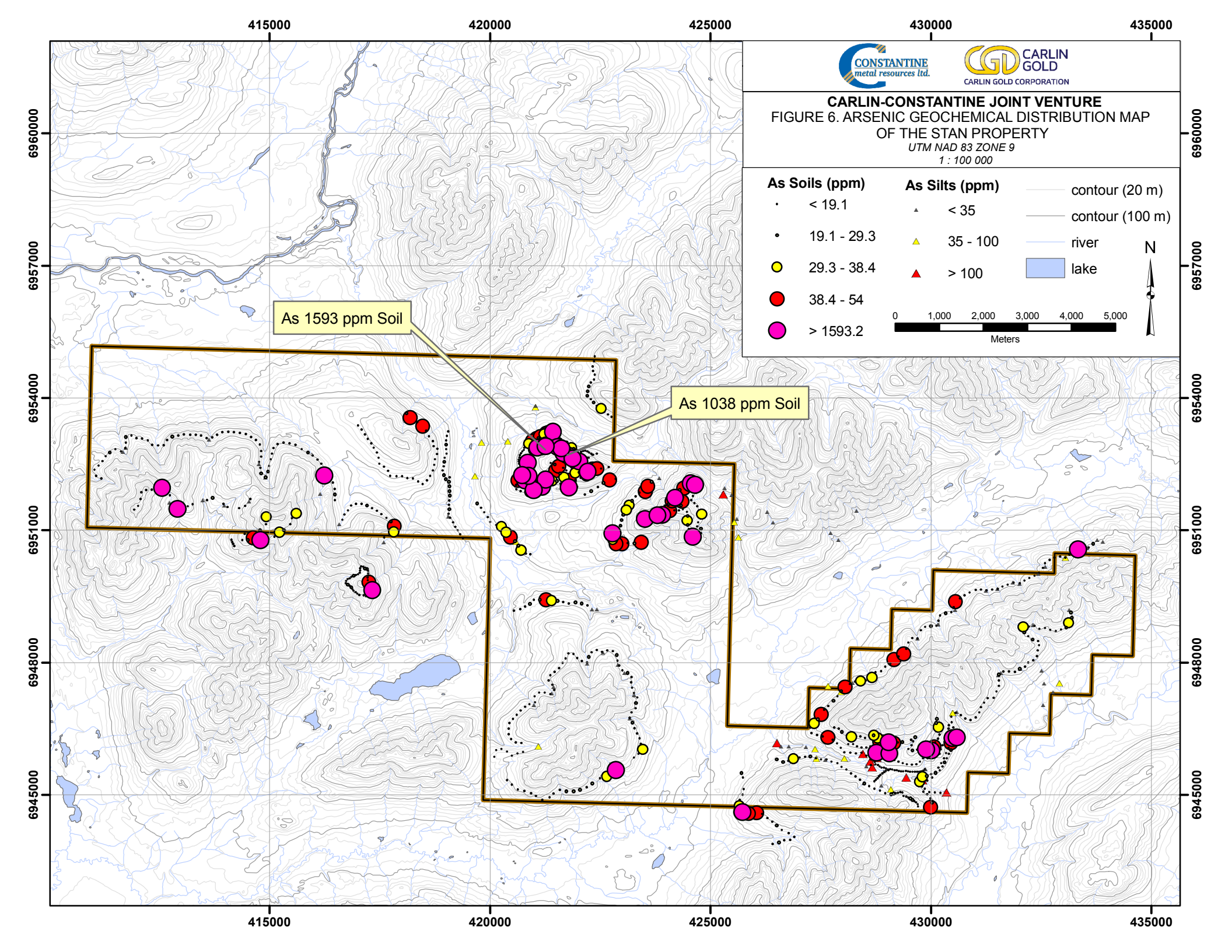
Rocks

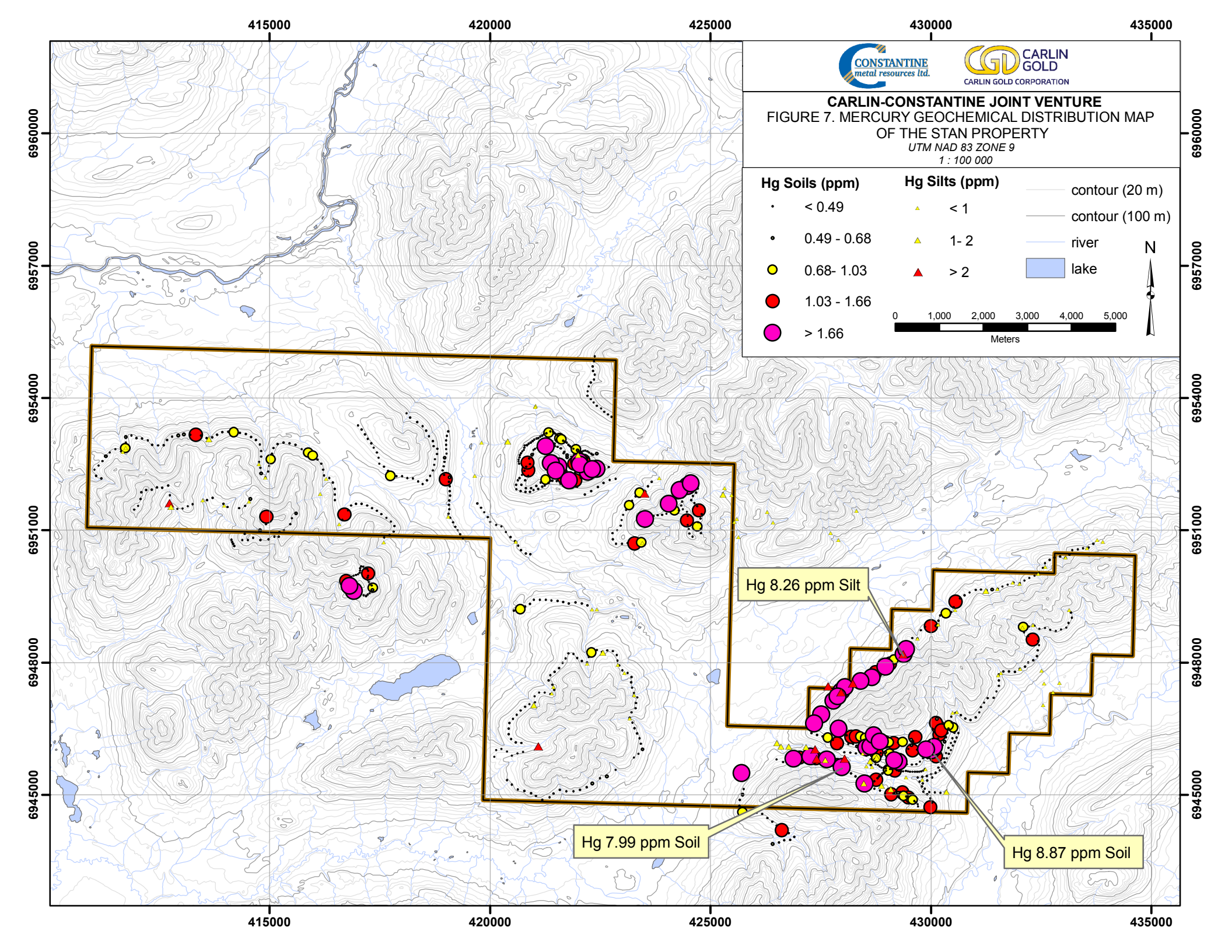
Maximum and mean values in the rock samples collected on the Property are provided in Table 7. Only 8 samples were collected and notable anomalies were not encountered.

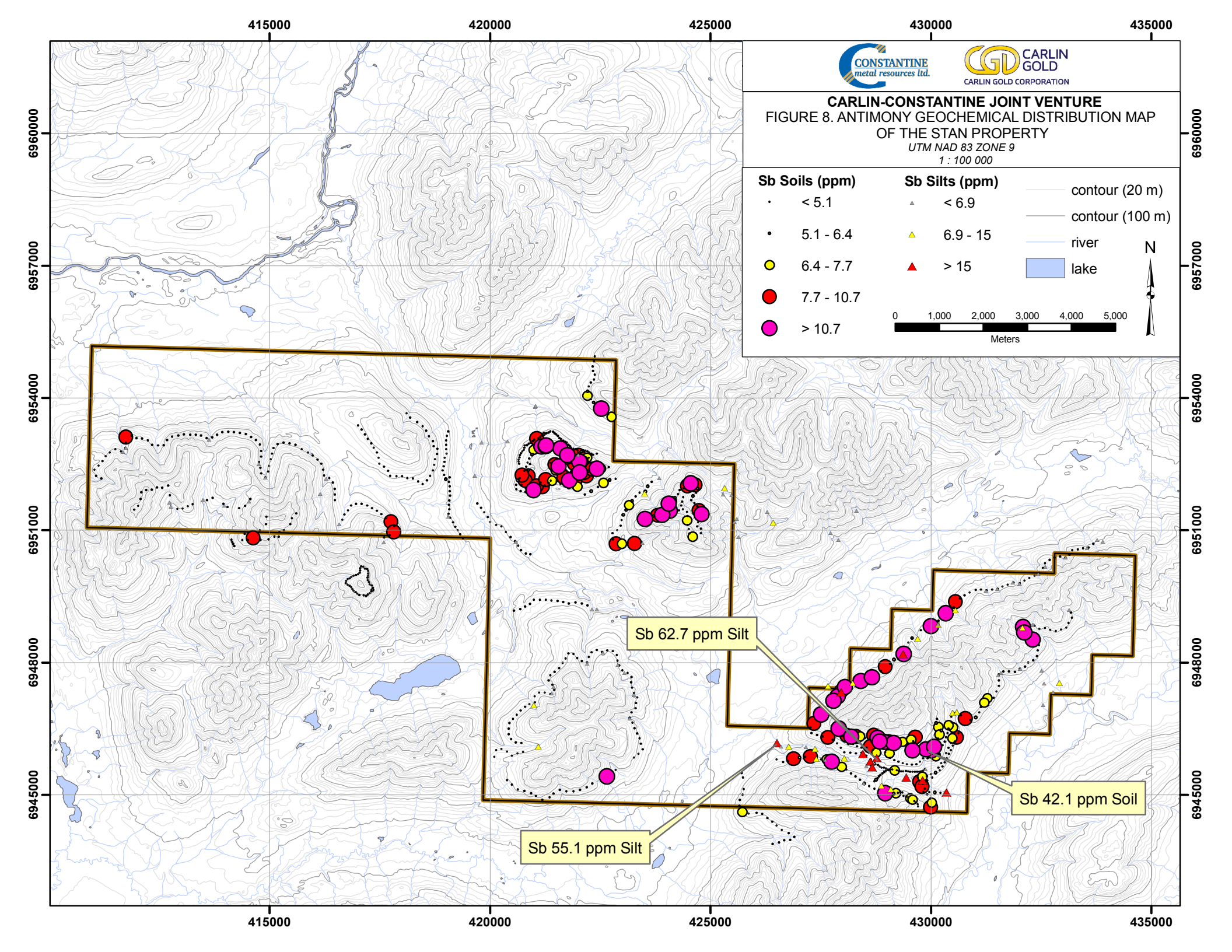
Table 7. Statistics for rock samples for the Stan property (8 samples)

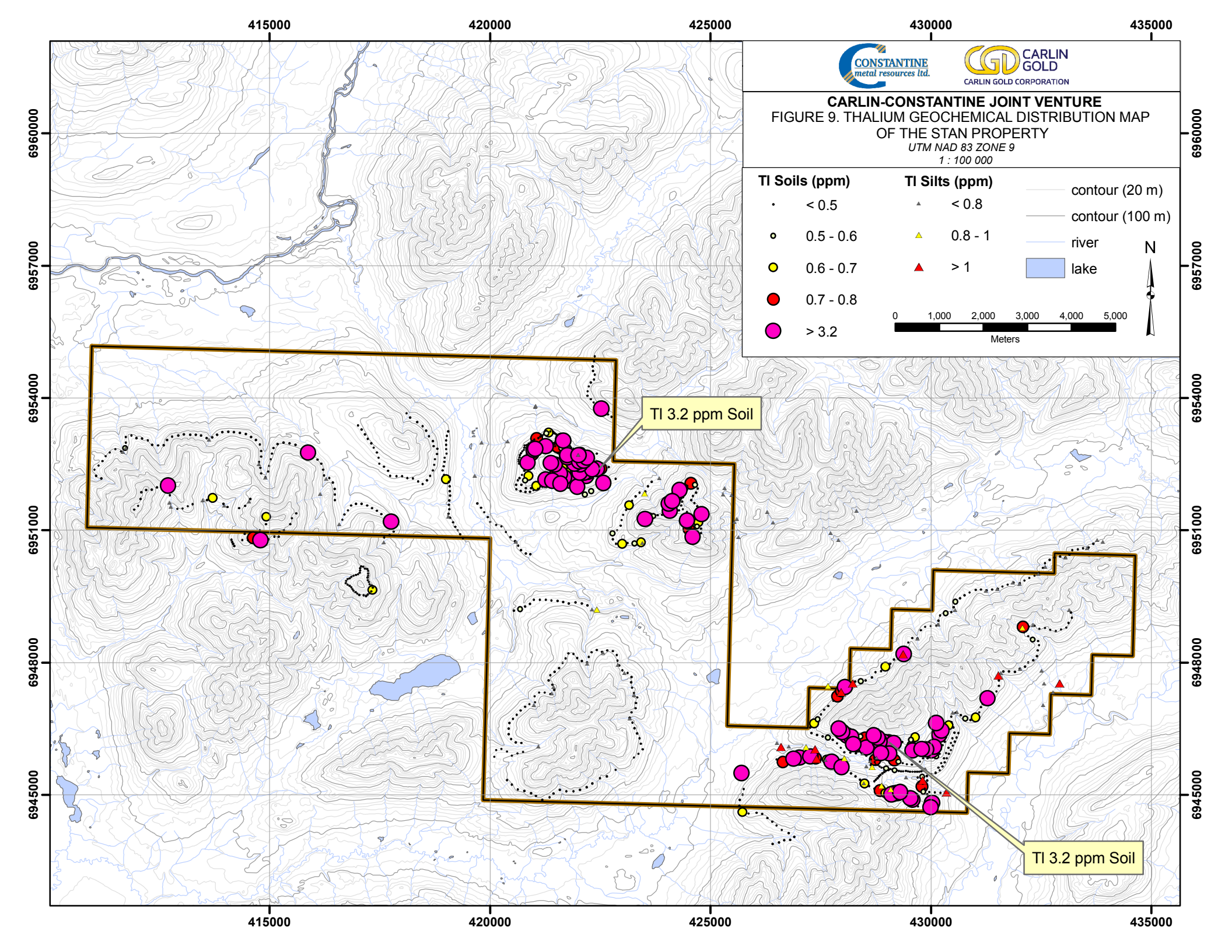
	Au (ppb)	As (ppm)	Hg (ppm)	Sb (ppm)	Tl (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Ni (ppm)	Pb (ppm)	Bi (ppm)
Max	7	34.3	1.12	9.5	0.4	2.4	122.1	580	43	21.5	0.2
Mean	3.75	10.86	0.42	3,11	0.14	0.76	41.46	116.25	23.06	6.54	0.125

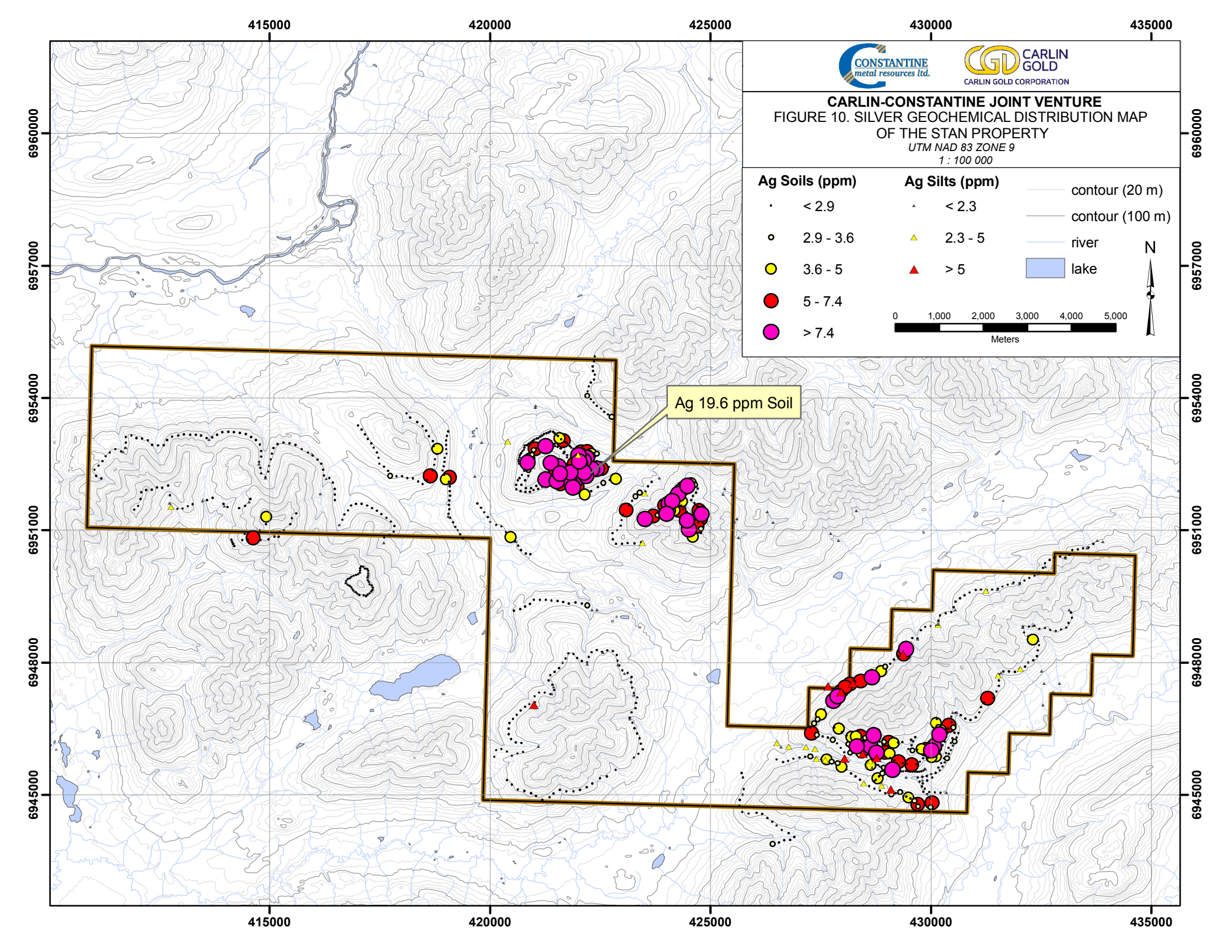

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FIGURE 5. GOLD GEOCHEMICAL DISTRIBUTION MAP
OF THE STAN PROPERTY
UTM NAD 83 ZONE 9
1 : 100 000
Au Soils (ppb)
< 6.9
6.9 - 8.4
8.4 - 10.7
10.7 - 16.6
> 16.6
Au Silts (ppb)
< 11
11 - 14
> 14
contour (20 m)
contour (100 m)
river
lake
N
0 1,000 2,000 3,000 4,000 5,000
Meters
415000
420000
425000
430000
435000
6960000
6957000
6954000
6951000
6948000
6945000
Au 64.2 ppm Soils


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FIGURE 6. ARSENIC GEOCHEMICAL DISTRIBUTION MAP OF THE STAN PROPERTY
UTM NAD 83 ZONE 9
1 : 100 000
As Soils (ppm)
< 19.1
19.1 - 29.3
29.3 - 38.4
38.4 - 54
> 1593.2
As Silts (ppm)
< 35
35 - 100
> 100
contour (20 m)
contour (100 m)
river
lake
N
0 1,000 2,000 3,000 4,000 5,000
Meters
As 1593 ppm Soil
As 1038 ppm Soil
415000
420000
425000
430000
435000
6960000
6957000
6954000
6951000
6948000
6945000


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FIGURE 7. MERCURY GEOCHEMICAL DISTRIBUTION MAP OF THE STAN PROPERTY
UTM NAD 83 ZONE 9
1 : 100 000
Hg Soils (ppm)
< 0.49
0.49 - 0.68
0.68- 1.03
1.03 - 1.66
> 1.66
Hg Silts (ppm)
< 1
1- 2
> 2
contour (20 m)
contour (100 m)
river
lake
N
0 1,000 2,000 3,000 4,000 5,000
Meters
Hg 8.26 ppm Silt
Hg 7.99 ppm Soil
Hg 8.87 ppm Soil
415000
420000
425000
430000
435000
6960000
6957000
6954000
6951000
6948000
6945000


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FIGURE 8. ANTIMONY GEOCHEMICAL DISTRIBUTION MAP OF THE STAN PROPERTY
UTM NAD 83 ZONE 9
1 : 100 000
Sb Soils (ppm)
< 5.1
5.1 - 6.4
6.4 - 7.7
7.7 - 10.7
> 10.7
Sb Silts (ppm)
< 6.9
6.9 - 15
> 15
contour (20 m)
contour (100 m)
river
lake
N
0 1,000 2,000 3,000 4,000 5,000
Meters
Sb 62.7 ppm Silt
Sb 42.1 ppm Soil
Sb 55.1 ppm Silt
415000
420000
425000
430000
435000
6960000
6957000
6954000
6951000
6948000
6945000


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FIGURE 9. THALIUM GEOCHEMICAL DISTRIBUTION MAP OF THE STAN PROPERTY
UTM NAD 83 ZONE 9
1 : 100 000
Tl Soils (ppm)
< 0.5
0.5 - 0.6
0.6 - 0.7
0.7 - 0.8
> 3.2
Tl Silts (ppm)
< 0.8
0.8 - 1
> 1
contour (20 m)
contour (100 m)
river
lake
N
0 1,000 2,000 3,000 4,000 5,000
Meters
Tl 3.2 ppm Soil
Tl 3.2 ppm Soil
415000
420000
425000
430000
435000
6960000
6957000
6954000
6951000
6948000
6945000


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FIGURE 10. SILVER GEOCHEMICAL DISTRIBUTION MAP
OF THE STAN PROPERTY
UTM NAD 83 ZONE 9
1 : 100 000
Ag Soils (ppm)
< 2.9
2.9 - 3.6
3.6 - 5
5 - 7.4
> 7.4
Ag Silts (ppm)
< 2.3
2.3 - 5
> 5
contour (20 m)
contour (100 m)
river
lake
N
0 1,000 2,000 3,000 4,000 5,000
Meters
Ag 19.6 ppm Soil
415000
420000
425000
430000
435000
6960000
6957000
6954000
6951000
6948000
6945000

5. DISCUSSION and CONCLUSION

The CCJV exploration program conducted in 2011 identified a distinctive pattern of metal anomalies, which are illustrated in Figures 5-10 for gold, arsenic, mercury, antimony, thallium, and silver values in soils and silts. Anomalous values for these elements consistently occur in three clusters, as illustrated in the geochemistry distribution figures. The two northern clusters may actually reflect one continuous underlying bedrock anomaly. As currently defined, the two clusters occur along a west-northwest zone that is 4.3 km long by 1.5 km wide. Bedrock is mapped by Gordey (2008) as undivided Ordovician-Silurian-age Duo Lake and Silurian-age Steel Formations of the Road River Group. The Duo Lake Formation consists of cherts and shales. The Steel Formation includes dolomitic mudstone/siltstone, and chert. Ten of the twelve highest soil arsenic values (+100 ppm), including the highest (1593 ppm), occur within these two clusters. The four highest soil silver values also occur in the northern clusters, as does the highest copper value of 1846 ppm - highest in the CCJV's entire 2011 Yukon soil database (+11,000 samples).

The southern multi-element cluster occupies an area that is underlain by siltstone, shale and chert of the Devonian-age Portrait Lake Formation of the Earn Group (Gordey, 2008). The strongest gold-arsenic soil anomaly occupies an area that trends east-west to west-northwest for 3.2 km, attaining a width of approximately 1 km. This core gold-arsenic anomaly contains a broader mercury-thallium-antimony-silver soil anomaly that also extends 2.2 km further north and northeast. The gold-arsenic soil anomaly contains the highest three soil mercury values in the soil database (8.87, 7.99 and 7.16 ppb), as well as the highest antimony value (42.1 ppm Sb). The two "Osiris signature" RGS samples (nos. 891268 and 893354) mentioned in Section 2.3 drain or partially drain the three anomaly clusters described above. The significance of this is uncertain, but lends additional support to conducting further evaluation of the anomalies.

The anomalous zinc and nickel soil patterns are confined to areas mapped as Road River Group. This suggests formational control, or high background zinc and nickel in certain lithologies of the Road River Group.

MINFILE occurrence #105J 020 ("Macrae") is located on edge of the southern soil anomaly cluster that occurs in an area mapped as Earn Group. The MINFILE report attributes the metal response (presumably from soil and rock sampling) to high rock background. The report does not provide any additional information, and does not mention what metals are involved. As limited as this information is, it nonetheless should be kept in mind as additional evaluation is conducted.

CCJV personnel did not conduct any geological mapping, and the only available geology is the compilation map by Gordey and Makepeace (2003) and the regional geology map of Gordey (2008). Only eight rock samples were collected as part of the initial prospecting. Because of this limited information, it is difficult to put the currently defined soil/silt geochemical anomalies into a meaningful geological context. One potentially important question is the projected location of the Sheldon thrust, a prominent regional structure mapped to within 5 km of the Property (Fig. 2). Although its actual location on the Property is very speculative at this point, the Sheldon thrust fault could project through the currently defined anomalous geochemistry. Regional thrust faults are important features in the Carlin-

style geological environment in Nevada, and they also appear to be important in the developing Nadaleen Trend.

In a recently published map of the MacMillan Fold Belt (Abbott 2012), the Sapper Formation is placed between the underlying Steele Formation and the overlying Niddery Lake member of the Portrait Lake Formation. If this unit extends south 40-45 km from the Abbott map as far as the Stan claims – not an unreasonable projection given the regional extent of the major rock packages within the Selwyn Basin - it would presumably be present on the property unless structurally removed. The Sapper Formation is described by Abbott as a recessive, buff to tan weathering, platy silty limestone and calcareous black shale, with occasional lenses of massive grey limestone. Its possible presumed existence on the Property is significant in that the Sapper represents a very favorable potential host rock for Carlin-type mineralization.

6. RECOMMENDATIONS

Additional exploration is required to evaluate the Carlin-type potential on the Stan claims. Thorough prospecting/rock sampling and reconnaissance geological mapping is required in areas where anomalous gold-arsenic-mercury-antimony-thallium soil geochemistry has been encountered. The geological evaluation should pay particular attention to defining calcareous sections within the stratigraphy, as these represent important potential host rocks. Structural observations will be helpful in identifying the possible east projection of the Sheldon thrust, which may have an important influence on mineralization.

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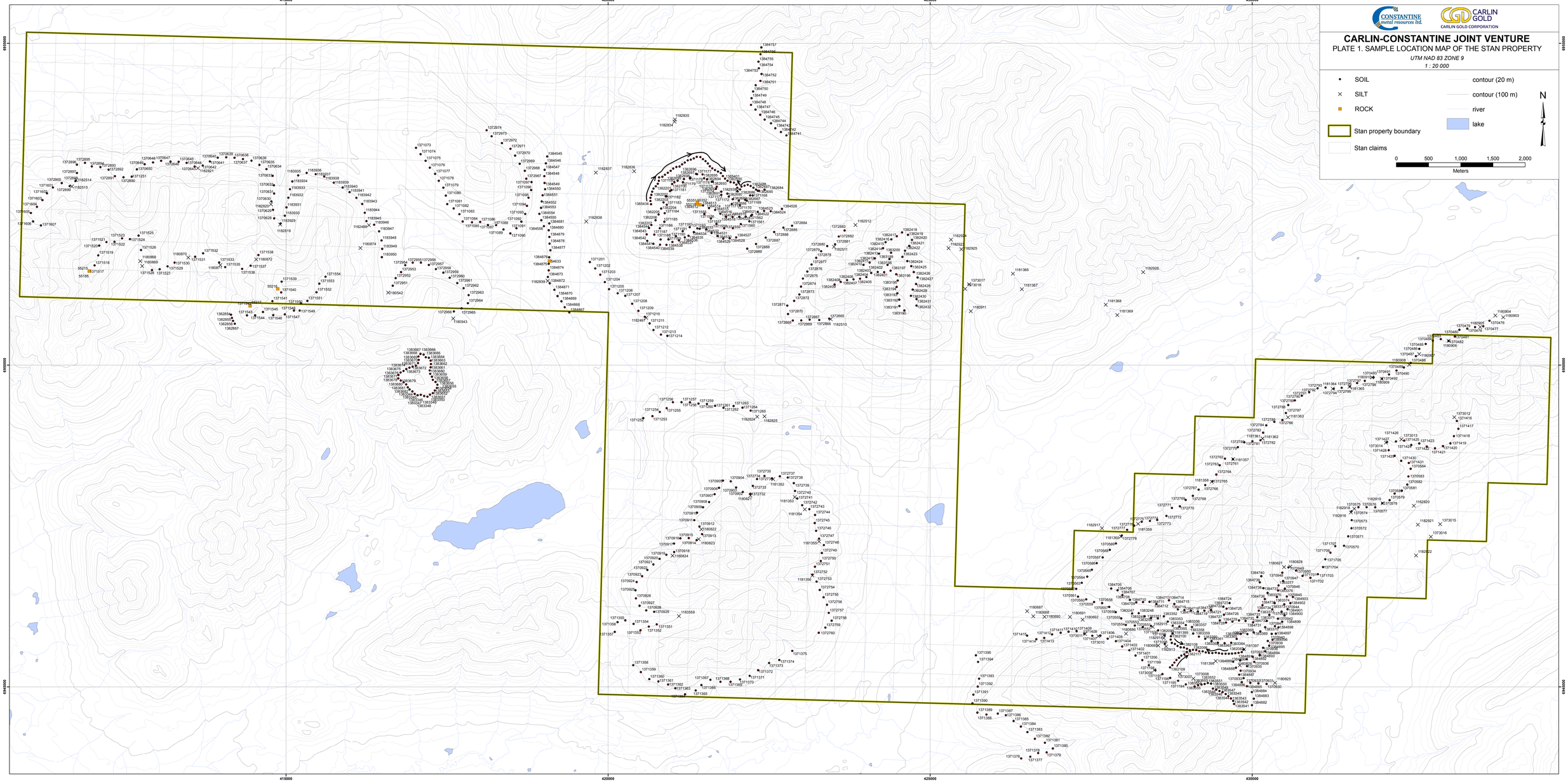
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PLATE 1. SAMPLE LOCATION MAP OF THE STAN PROPERTY
UTM NAD 83 ZONE 9
1 : 20 000
SOIL
SILT
ROCK
Stan property boundary
Stan claims
contour (20 m)
contour (100 m)
river
lake
N
0
500
1,000
1,500
2,000
Meters
415000
420000
425000
430000
6950000
6945000
6940000

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 Stan 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 11th Day of July, 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:

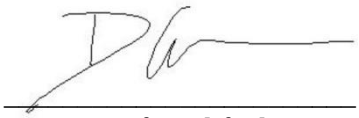
   320-800 West Pender Street,
   Vancouver, British Columbia, Canada
   V6C 2V6.

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 STAN 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 11th Day of July, 2012.



Signature of Qualified Person

"Darwin Green" .
Print name of Qualified Person

APPENDIX B

CLAIM DETAILS

APPENDIX B: CLAIM DETAILS FOR THE STAN PROPERTY

CLAIM	GRANT NO.	CLAIM OWNER	RECORDED DATE	EXPIRY DATE	NTS SHEET
STAN 1	YE38101	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 2	YE38102	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 3	YE38103	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 4	YE38104	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 5	YE38105	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 6	YE38106	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 7	YE38107	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 8	YE38108	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 9	YE38109	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 10	YE38110	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 11	YE38111	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 12	YE38112	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 13	YE38113	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 14	YE38114	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 15	YE38115	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 16	YE38116	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 17	YE38117	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 18	YE38118	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 19	YE38119	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 20	YE38120	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 21	YE38121	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 22	YE38122	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 23	YE38123	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 24	YE38124	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 25	YE38125	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 26	YE38126	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 27	YE38127	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 28	YE38128	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 29	YE38129	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 30	YE38130	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 31	YE38131	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 32	YE38132	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 33	YE38133	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 34	YE38134	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 35	YE38135	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 36	YE38136	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 37	YE38137	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 38	YE38138	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 39	YE38139	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 40	YE38140	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 41	YE38141	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 42	YE38142	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 43	YE38143	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 44	YE38144	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 45	YE38145	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 46	YE38146	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 47	YE38147	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 48	YE38148	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 49	YE38149	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 50	YE38150	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 51	YE38151	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 52	YE38152	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 53	YE38153	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 54	YE38154	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 55	YE38155	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 56	YE38156	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 57	YE38157	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 58	YE38158	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 59	YE38159	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 60	YE38160	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 61	YE38161	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10

APPENDIX B: CLAIM DETAILS FOR THE STAN PROPERTY

CLAIM	GRANT NO.	CLAIM OWNER	RECORDED DATE	EXPIRY DATE	NTS SHEET
STAN 62	YE38162	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 63	YE38163	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 64	YE38164	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 65	YE38165	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 66	YE38166	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 67	YE38167	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 68	YE38168	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 69	YE38169	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 70	YE38170	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 71	YE38171	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 72	YE38172	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 73	YE38173	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 74	YE38174	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 75	YE38175	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 76	YE38176	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 77	YE38177	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 78	YE38178	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 79	YE38179	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 80	YE38180	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 81	YE38181	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 82	YE38182	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 83	YE38183	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 84	YE38184	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 85	YE38185	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 86	YE38186	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 87	YE38187	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 88	YE38188	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 89	YE38189	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 90	YE38190	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 91	YE38191	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 92	YE38192	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 93	YE38193	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 94	YE38194	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 95	YE38195	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 96	YE38196	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 97	YE38197	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 98	YE38198	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 99	YE38199	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 100	YE38200	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 101	YE38201	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 102	YE38202	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 103	YE38203	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 104	YE38204	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 105	YE38205	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 106	YE38206	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 107	YE38207	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 108	YE38208	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 109	YE38209	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 110	YE38210	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 111	YE38211	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 112	YE38212	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 113	YE38213	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 114	YE38214	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 115	YE38215	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 116	YE38216	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 117	YE38217	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 118	YE38218	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 119	YE38219	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 120	YE38220	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 121	YE38221	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 122	YE38222	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10

APPENDIX B: CLAIM DETAILS FOR THE STAN PROPERTY

CLAIM	GRANT NO.	CLAIM OWNER	RECORDED DATE	EXPIRY DATE	NTS SHEET
STAN 123	YE38223	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 124	YE38224	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 125	YE38225	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 126	YE38226	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 127	YE38227	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 128	YE38228	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 129	YE38229	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 130	YE38230	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 131	YE38231	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 132	YE38232	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 133	YE38233	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 134	YE38234	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 135	YE38235	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 136	YE38236	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 137	YE38237	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 138	YE38238	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 139	YE38239	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 140	YE38240	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 141	YE38241	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 142	YE38242	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 143	YE38243	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 144	YE38244	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 145	YE38245	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 146	YE38246	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 147	YE38247	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 148	YE38248	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 149	YE38249	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 150	YE38250	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 151	YE38251	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 152	YE38252	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 153	YE38253	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 154	YE38254	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 155	YE38255	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 156	YE38256	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 157	YE38257	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 158	YE38258	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 159	YE38259	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 160	YE38260	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 161	YE38261	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 162	YE38262	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 163	YE38263	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 164	YE38264	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 165	YE38265	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 166	YE38266	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 167	YE38267	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 168	YE38268	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 169	YE38269	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 170	YE38270	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 171	YE38271	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 172	YE38272	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 173	YE38273	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 174	YE38274	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 175	YE38275	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 176	YE38276	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 177	YE38277	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 178	YE38278	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 179	YE38279	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 180	YE38280	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 181	YE38281	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 182	YE38282	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 183	YE38283	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10

APPENDIX B: CLAIM DETAILS FOR THE STAN PROPERTY

CLAIM	GRANT NO.	CLAIM OWNER	RECORDED DATE	EXPIRY DATE	NTS SHEET
STAN 184	YE38284	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 185	YE38285	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 186	YE38286	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 187	YE38287	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 188	YE38288	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 189	YE38289	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 190	YE38290	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 191	YE38291	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 192	YE38292	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 193	YE38293	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 194	YE38294	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 195	YE38295	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 196	YE38296	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 197	YE38297	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 198	YE38298	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 199	YE38299	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 200	YE38300	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 201	YE38301	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 202	YE38302	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 203	YE38303	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 204	YE38304	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 205	YE38305	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 206	YE38306	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 207	YE38307	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 208	YE38308	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 209	YE38309	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 210	YE38310	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 211	YE38311	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 212	YE38312	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 213	YE38313	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 214	YE38314	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 215	YE38315	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 216	YE38316	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 217	YE38317	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 218	YE38318	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 219	YE38319	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 220	YE38320	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 221	YE38321	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 222	YE38322	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 223	YE38323	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 224	YE38324	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 225	YE38325	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 226	YE38326	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 227	YE38327	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 228	YE38328	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 229	YE38329	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 230	YE38330	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 231	YE38331	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 232	YE38332	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 233	YE38333	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 234	YE38334	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 235	YE38335	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 236	YE38336	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 237	YE38337	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 238	YE38338	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 239	YE38339	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 240	YE38340	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 241	YE38341	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 242	YE38342	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 243	YE38343	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 244	YE38344	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10

APPENDIX B: CLAIM DETAILS FOR THE STAN PROPERTY

CLAIM	GRANT NO.	CLAIM OWNER	RECORDED DATE	EXPIRY DATE	NTS SHEET
STAN 245	YE38345	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 246	YE38346	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 247	YE38347	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 248	YE38348	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 249	YE38349	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 250	YE38350	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 251	YE38351	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 252	YE38352	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 253	YE38353	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 254	YE38354	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 255	YE38355	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 256	YE38356	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 257	YE38357	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 258	YE38358	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 259	YE38359	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 260	YE38360	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 261	YE38361	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 262	YE38362	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 263	YE38363	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 264	YE38364	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 265	YE38365	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 266	YE38366	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 267	YE38367	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 268	YE38368	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 269	YE38369	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 270	YE38370	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 271	YE38371	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 272	YE38372	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 273	YE38373	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 274	YE38374	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 275	YE38375	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 276	YE38376	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 277	YE38377	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 278	YE38378	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 279	YE38379	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 280	YE38380	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 281	YE38381	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 282	YE38382	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 283	YE38383	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 284	YE38384	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 285	YE38385	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 286	YE38386	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 287	YE38387	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 288	YE38388	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 289	YE38389	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 290	YE38390	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 291	YE38391	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 292	YE38392	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 293	YE38393	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 294	YE38394	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 295	YE38395	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 296	YE38396	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 297	YE38397	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 298	YE38398	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 299	YE38399	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 300	YE38400	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 301	YE38401	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 302	YE38402	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 303	YE38403	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 304	YE38404	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 305	YE38405	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10

APPENDIX B: CLAIM DETAILS FOR THE STAN PROPERTY

CLAIM	GRANT NO.	CLAIM OWNER	RECORDED DATE	EXPIRY DATE	NTS SHEET
STAN 306	YE38406	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 307	YE38407	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 308	YE38408	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 309	YE38409	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 310	YE38410	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 311	YE38411	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 312	YE38412	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 313	YE38413	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 314	YE38414	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 315	YE38415	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 316	YE38416	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 317	YE38417	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 318	YE38418	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 319	YE38419	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 320	YE38420	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 321	YE38421	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 322	YE38422	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 323	YE38423	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 324	YE38424	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 325	YE38425	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 326	YE38426	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 327	YE38427	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 328	YE38428	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 329	YE38429	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 330	YE38430	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 331	YE38431	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 332	YE38432	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 333	YE38433	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J10
STAN 334	YE38434	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 335	YE38435	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 336	YE38436	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 337	YE38437	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 338	YE38438	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 339	YE38439	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 340	YE38440	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 341	YE38441	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 342	YE38442	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 343	YE38443	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 344	YE38444	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 345	YE38445	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J10
STAN 346	YE38446	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 347	YE38447	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 348	YE38448	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 349	YE38449	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 350	YE38450	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 351	YE38451	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 352	YE38452	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 353	YE38453	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 354	YE38454	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 355	YE38455	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 356	YE38456	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 357	YE38457	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 358	YE38458	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 359	YE38459	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 360	YE38460	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 361	YE38461	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 362	YE38462	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 363	YE38463	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 364	YE38464	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 365	YE38465	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 366	YE38466	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09

APPENDIX B: CLAIM DETAILS FOR THE STAN PROPERTY

CLAIM	GRANT NO.	CLAIM OWNER	RECORDED DATE	EXPIRY DATE	NTS SHEET
STAN 367	YE38467	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 368	YE38468	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 369	YE38469	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 370	YE38470	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 371	YE38471	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 372	YE38472	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 373	YE38473	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 374	YE38474	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 375	YE38475	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 376	YE38476	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 377	YE38477	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 378	YE38478	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 379	YE38479	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 380	YE38480	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 381	YE38481	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 382	YE38482	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 383	YE38483	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 384	YE38484	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 385	YE38485	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 386	YE38486	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 387	YE38487	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 388	YE38488	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 389	YE38489	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 390	YE38490	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 391	YE38491	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 392	YE38492	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 393	YE38493	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 394	YE38494	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 395	YE38495	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 396	YE38496	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 397	YE38497	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 398	YE38498	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 399	YE38499	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 400	YE38500	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 401	YE38501	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 402	YE38502	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 403	YE38503	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 404	YE38504	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 405	YE38505	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 406	YE38506	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 407	YE38507	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 408	YE38508	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 409	YE38509	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 410	YE38510	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 411	YE38511	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 412	YE38512	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 413	YE38513	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 414	YE38514	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 415	YE38515	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 416	YE38516	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 417	YE38517	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 418	YE38518	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 419	YE38519	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 420	YE38520	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 421	YE38521	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 422	YE38522	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 423	YE38523	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 424	YE38524	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 425	YE38525	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 426	YE38526	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 427	YE38527	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09

APPENDIX B: CLAIM DETAILS FOR THE STAN PROPERTY

CLAIM	GRANT NO.	CLAIM OWNER	RECORDED DATE	EXPIRY DATE	NTS SHEET
STAN 428	YE38528	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 429	YE38529	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 430	YE38530	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 431	YE38531	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 432	YE38532	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 433	YE38533	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 434	YE38534	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 435	YE38535	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 436	YE38536	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 437	YE38537	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 438	YE38538	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 439	YE38539	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 440	YE38540	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 441	YE38541	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 442	YE38542	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 443	YE38543	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 444	YE38544	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 445	YE38545	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 446	YE38546	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 447	YE38547	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 448	YE38548	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 449	YE38549	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 450	YE38550	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 451	YE38551	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 452	YE38552	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 453	YE38553	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 454	YE38554	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 455	YE38555	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 456	YE38556	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 457	YE38557	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 458	YE38558	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 459	YE38559	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 460	YE38560	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 461	YE38561	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 462	YE38562	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 463	YE38563	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 464	YE38564	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 465	YE38565	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 466	YE38566	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 467	YE38567	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 468	YE38568	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 469	YE38569	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 470	YE38570	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 471	YE38571	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 472	YE38572	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 473	YE38573	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 474	YE38574	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 475	YE38575	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 476	YE38576	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 477	YE38577	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 478	YE38578	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 479	YE38579	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 480	YE38580	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 481	YE38581	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 482	YE38582	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 483	YE38583	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 484	YE38584	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 485	YE38585	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 486	YE38586	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 487	YE38587	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 488	YE38588	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09

APPENDIX B: CLAIM DETAILS FOR THE STAN PROPERTY

CLAIM	GRANT NO.	CLAIM OWNER	RECORDED DATE	EXPIRY DATE	NTS SHEET
STAN 489	YE38589	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 490	YE38590	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 491	YE38591	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 492	YE38592	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 493	YE38593	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 494	YE38594	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 495	YE38595	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 496	YE38596	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 497	YE38597	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 498	YE38598	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 499	YE38599	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 500	YE38600	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 501	YE38601	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 502	YE38602	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2017	105J09
STAN 503	YE38603	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 504	YE38604	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 505	YE38605	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 506	YE38606	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 507	YE38607	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 508	YE38608	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 509	YE38609	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 510	YE38610	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 511	YE38611	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 512	YE38612	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 513	YE38613	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 514	YE38614	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 515	YE38615	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 516	YE38616	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 517	YE38617	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 518	YE38618	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 519	YE38619	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 520	YE38620	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 521	YE38621	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 522	YE38622	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 523	YE38623	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 524	YE38624	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 525	YE38625	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 526	YE38626	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 527	YE38627	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 528	YE38628	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 529	YE38629	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 530	YE38630	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 531	YE38631	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 532	YE38632	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 533	YE38633	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 534	YE38634	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 535	YE38635	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 536	YE38636	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 537	YE38637	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 538	YE38638	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 539	YE38639	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 540	YE38640	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 541	YE38641	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 542	YE38642	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 543	YE38643	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 544	YE38644	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 545	YE38645	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 546	YE38646	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 547	YE38647	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 548	YE38648	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 549	YE38649	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09

APPENDIX B: CLAIM DETAILS FOR THE STAN PROPERTY

CLAIM	GRANT NO.	CLAIM OWNER	RECORDED DATE	EXPIRY DATE	NTS SHEET
STAN 550	YE38650	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 551	YE38651	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 552	YE38652	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 553	YE38653	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 554	YE38654	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 555	YE38655	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 556	YE38656	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 557	YE38657	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 558	YE38658	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 559	YE38659	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 560	YE38660	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 561	YE38661	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09
STAN 562	YE38662	CONSTANTINE METAL RESOURCES LTD. - 100%	07/04/2011	07/04/2012	105J09

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 19, 2011
Report Date: September 21, 2011
Page: 1 of 11

CERTIFICATE OF ANALYSIS VAN11004063.1

CLIENT JOB INFORMATION

Project: CCJV
Shipment ID:
P.O. Number STAN-03
Number of Samples: 289

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
No Prep	289	Sorting of samples on arrival and labeling			VAN
1DX2	289	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 21, 2011

CERTIFICATE OF ANALYSIS VAN11004063.1

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
1180542	Soil Pulp	7.6	138.6	18.2	1566	0.7	508.5	18.2	3929	3.46	18.1	12.0	3.3	112	17.8	2.8	0.3	77	0.57	0.185	20
1180543	Soil Pulp	7.4	133.2	18.7	718	0.7	185.9	19.4	1763	3.51	16.3	12.2	4.1	159	5.3	2.6	0.2	79	0.72	0.231	18
1180821	Soil Pulp	4.9	250.5	19.6	558	1.3	106.0	49.2	1303	3.63	19.4	11.2	3.1	47	4.8	2.5	0.3	62	0.12	0.134	6
1180822	Soil Pulp	3.3	92.8	13.2	610	0.9	128.7	10.8	627	2.63	17.3	15.9	0.8	64	10.9	1.9	0.3	58	0.36	0.126	8
1180823	Soil Pulp	8.9	167.8	21.2	1273	0.9	459.9	37.5	>10000	4.46	17.4	13.6	4.2	123	33.9	3.1	0.2	86	0.49	0.170	15
1180824	Soil Pulp	14.9	163.8	19.2	2149	6.0	192.2	8.3	428	2.94	20.8	11.3	1.4	159	12.1	8.5	0.3	135	0.76	0.130	9
1180868	Soil Pulp	2.9	61.3	9.2	193	0.8	41.8	7.1	320	1.81	5.7	12.8	1.1	97	1.7	1.1	0.1	47	0.60	0.193	11
1180869	Soil Pulp	5.1	105.3	14.2	212	2.4	49.3	9.6	350	3.09	14.1	36.6	2.6	136	1.1	1.9	0.2	68	0.60	0.202	14
1180870	Soil Pulp	8.1	128.3	10.0	549	0.6	298.9	35.4	8043	2.62	12.2	8.8	1.3	39	6.8	1.4	0.2	53	0.24	0.199	8
1180871	Soil Pulp	2.6	114.0	8.9	145	1.3	71.2	7.5	2956	1.66	18.2	12.4	1.6	16	2.1	1.1	0.1	44	0.06	0.211	7
1180872	Soil Pulp	3.3	86.7	16.2	30	1.7	13.8	3.2	849	1.03	12.0	15.9	0.2	19	0.6	1.8	0.2	73	0.03	0.060	4
1181351	Soil Pulp	2.9	72.0	27.0	26	1.8	11.2	2.0	36	2.32	42.7	2.5	1.5	44	<0.1	3.2	0.1	46	0.08	0.124	9
1181352	Soil Pulp	5.7	104.6	16.0	179	1.3	39.7	5.6	108	2.88	28.8	8.2	1.9	26	0.4	3.2	0.3	72	0.03	0.095	5
1181353	Soil Pulp	4.6	99.2	15.8	146	1.0	17.3	3.6	42	3.43	15.4	4.7	2.9	18	0.2	2.4	0.3	42	<0.01	0.060	2
1181354	Soil Pulp	2.9	339.8	12.3	185	1.5	39.6	7.7	198	2.03	16.3	8.3	3.0	22	0.8	2.0	0.2	41	0.04	0.096	4
1181355	Soil Pulp	3.2	275.2	14.2	265	0.9	55.1	12.5	405	2.45	15.1	7.5	2.4	28	1.4	1.7	0.2	44	0.07	0.101	5
1181356	Soil Pulp	6.3	83.6	13.7	676	1.0	131.7	14.0	2035	2.74	20.2	9.7	1.2	58	9.0	3.1	0.2	91	0.31	0.131	8
1182488	Soil Pulp	4.7	83.8	13.9	195	0.5	49.6	12.4	803	2.61	11.9	7.6	3.0	91	2.1	1.6	0.2	59	0.41	0.151	12
1182497	Soil Pulp	28.5	53.1	8.1	2074	1.3	386.7	17.2	7206	5.34	80.1	8.2	0.8	91	13.5	5.5	0.1	194	0.85	0.461	5
1182510	Soil Pulp	12.5	108.4	11.1	1594	2.6	210.0	5.4	391	1.98	32.0	9.0	0.5	106	11.4	6.5	0.1	156	0.55	0.308	7
1182511	Soil Pulp	12.7	194.5	18.9	3185	4.9	351.4	5.3	286	2.20	71.2	10.8	0.8	186	23.0	9.3	0.2	156	0.58	0.292	6
1182512	Soil Pulp	0.4	3.8	0.1	33	<0.1	2.7	0.2	16	39.50	1.3	<0.5	<0.1	<1	0.4	0.6	<0.1	32	0.01	0.012	<1
1182514	Soil Pulp	8.7	71.7	12.7	295	1.5	54.5	16.7	1021	2.53	13.6	9.3	1.7	31	3.3	3.2	0.2	126	0.17	0.072	7
1182515	Soil Pulp	9.7	335.4	20.2	2590	1.3	1100	86.0	>10000	3.91	20.2	14.4	4.4	138	38.8	2.9	0.2	75	0.69	0.220	21
1182819	Soil Pulp	7.5	140.2	21.2	113	1.5	67.1	26.7	7236	3.40	24.8	9.4	2.4	62	1.5	2.4	0.3	97	0.08	0.110	8
1182820	Soil Pulp	7.6	102.1	19.8	217	0.8	78.6	13.8	1119	3.23	16.6	10.1	2.1	88	3.3	2.0	0.2	64	0.51	0.178	14
1182821	Soil Pulp	2.2	45.6	15.0	141	0.6	61.0	8.7	1185	2.19	9.6	18.9	1.5	44	0.7	1.1	0.2	35	0.34	0.073	7
1182824	Soil Pulp	5.9	155.1	23.9	532	0.6	99.0	30.9	1024	4.83	27.7	5.5	3.4	33	4.0	3.9	0.2	44	0.11	0.090	4
1182825	Soil Pulp	2.7	117.9	13.7	626	1.1	252.8	73.0	6005	3.90	22.1	5.2	1.9	29	11.1	1.6	0.1	42	0.17	0.076	6
1370476	Soil Pulp	7.6	82.3	19.2	525	0.7	68.9	20.5	1009	4.24	26.5	6.4	2.7	44	0.6	3.7	0.2	49	0.15	0.206	17

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

Project: CCJV
Report Date: September 21, 2011

CERTIFICATE OF ANALYSIS VAN11004063.1

	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
1180542	Soil Pulp	23	0.72	924	0.007	4	1.59	0.005	0.22	<0.1	0.53	3.2	0.4	0.28	4	3.7	<0.2
1180543	Soil Pulp	25	1.02	736	0.005	6	1.55	0.007	0.22	<0.1	0.42	3.5	0.3	0.20	5	2.6	<0.2
1180821	Soil Pulp	21	0.17	557	0.002	3	1.73	0.003	0.15	0.1	0.84	5.1	0.6	0.16	3	3.9	<0.2
1180822	Soil Pulp	19	0.31	880	0.004	3	1.03	0.004	0.11	0.1	0.67	1.7	0.3	0.11	3	1.5	<0.2
1180823	Soil Pulp	24	0.99	650	0.004	4	1.83	0.005	0.24	<0.1	0.50	3.9	0.4	0.19	5	3.0	<0.2
1180824	Soil Pulp	23	0.36	358	0.004	6	0.86	0.005	0.17	<0.1	1.59	3.4	0.7	0.29	3	6.2	<0.2
1180868	Soil Pulp	18	0.58	540	0.007	3	1.27	0.008	0.17	<0.1	2.25	1.7	0.3	0.14	4	3.0	<0.2
1180869	Soil Pulp	26	0.80	512	0.007	3	1.73	0.008	0.19	<0.1	1.15	4.7	0.3	0.13	5	2.5	<0.2
1180870	Soil Pulp	18	0.29	740	0.006	3	1.90	0.005	0.13	<0.1	0.34	2.1	0.5	0.08	4	1.8	<0.2
1180871	Soil Pulp	37	0.10	550	0.012	3	4.73	0.005	0.08	<0.1	0.39	3.5	0.2	0.15	3	1.6	<0.2
1180872	Soil Pulp	29	0.04	596	0.005	3	0.53	0.003	0.07	<0.1	0.83	1.5	0.1	<0.05	3	1.2	<0.2
1181351	Soil Pulp	14	0.08	150	0.016	<1	0.51	0.007	0.03	0.1	0.04	1.5	<0.1	0.05	2	2.9	<0.2
1181352	Soil Pulp	21	0.15	388	0.002	5	1.12	0.002	0.21	<0.1	1.14	3.5	0.4	0.06	3	3.3	<0.2
1181353	Soil Pulp	14	0.05	208	0.001	3	0.63	0.002	0.15	<0.1	0.47	4.1	0.4	0.14	2	2.3	<0.2
1181354	Soil Pulp	17	0.09	317	0.002	5	3.59	0.003	0.13	<0.1	0.60	7.9	0.4	0.14	2	2.4	<0.2
1181355	Soil Pulp	19	0.14	607	0.002	4	2.00	0.003	0.16	<0.1	0.39	4.5	0.4	0.13	3	4.3	<0.2
1181356	Soil Pulp	18	0.28	762	0.006	3	1.10	0.005	0.14	0.2	0.61	2.1	0.3	0.13	3	2.6	<0.2
1182488	Soil Pulp	21	0.61	775	0.004	4	1.21	0.004	0.18	<0.1	0.81	2.8	0.3	0.12	4	2.2	<0.2
1182497	Soil Pulp	15	0.21	1782	0.007	5	0.97	0.005	0.09	0.2	0.54	1.9	0.4	0.16	2	8.6	<0.2
1182510	Soil Pulp	23	0.16	903	0.006	5	0.82	0.004	0.12	0.2	0.66	1.4	0.7	0.23	2	9.1	<0.2
1182511	Soil Pulp	26	0.16	942	0.006	6	0.82	0.003	0.16	0.2	2.01	2.5	0.9	0.30	2	11.5	<0.2
1182512	Soil Pulp	1	<0.01	8	<0.001	<1	0.02	<0.001	<0.01	<0.1	0.03	<0.1	<0.1	3.70	<1	1.3	<0.2
1182514	Soil Pulp	18	0.29	478	0.003	4	0.87	0.003	0.14	<0.1	0.94	3.0	0.4	0.08	3	1.8	<0.2
1182515	Soil Pulp	23	0.88	760	0.005	6	2.37	0.006	0.21	<0.1	0.92	5.1	0.6	0.20	5	4.1	<0.2
1182819	Soil Pulp	30	0.25	604	0.003	4	0.97	0.004	0.20	<0.1	0.73	3.6	0.3	0.26	5	2.8	<0.2
1182820	Soil Pulp	19	0.66	987	0.005	5	1.32	0.005	0.20	<0.1	0.37	2.5	0.3	0.16	4	2.9	<0.2
1182821	Soil Pulp	16	0.29	306	0.003	3	0.96	0.005	0.11	<0.1	1.08	2.2	0.1	0.10	3	1.4	<0.2
1182824	Soil Pulp	15	0.11	309	0.002	4	0.92	0.002	0.16	<0.1	0.50	4.4	0.7	0.43	2	4.5	<0.2
1182825	Soil Pulp	14	0.11	651	0.003	4	1.55	0.004	0.11	<0.1	0.88	6.5	1.0	0.11	2	3.8	<0.2
1370476	Soil Pulp	20	0.31	224	0.006	2	1.33	0.004	0.12	0.1	0.11	2.5	0.2	0.10	3	1.7	<0.2

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	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
1370477	Soil Pulp	2.2	32.3	6.5	96	0.6	17.8	3.0	105	1.23	6.4	1.8	0.5	70	0.6	1.6	0.1	38	0.56	0.153	10
1370478	Soil Pulp	4.2	23.3	9.7	81	0.1	12.3	3.2	80	1.48	13.1	1.0	0.2	10	0.1	2.2	0.2	60	0.02	0.071	14
1370479	Soil Pulp	0.9	16.8	2.3	21	0.1	5.7	2.5	56	0.74	54.1	<0.5	<0.1	4	<0.1	0.7	<0.1	14	0.01	0.031	2
1370480	Soil Pulp	1.4	14.1	4.6	29	<0.1	6.0	2.2	131	0.85	6.9	0.6	<0.1	5	0.1	0.5	0.1	21	0.02	0.082	6
1370481	Soil Pulp	1.1	8.3	3.6	20	0.1	3.4	1.2	32	0.47	3.9	<0.5	<0.1	5	<0.1	0.6	<0.1	17	0.02	0.056	4
1370482	Soil Pulp	4.3	40.4	7.7	120	0.5	22.5	4.5	100	2.01	11.0	4.0	0.8	14	0.4	2.1	0.2	46	0.06	0.063	16
1370483	Soil Pulp	4.6	27.6	9.8	93	0.2	17.5	3.9	118	2.08	15.8	4.4	0.5	10	0.2	2.4	0.3	69	0.04	0.123	14
1370484	Soil Pulp	1.6	34.7	6.4	44	0.6	13.8	4.5	547	1.57	4.8	4.2	0.4	84	0.4	0.8	0.5	16	1.20	0.127	17
1370485	Soil Pulp	1.9	29.1	4.3	75	0.7	27.3	8.7	554	2.32	5.3	0.9	0.4	40	0.5	1.0	0.2	40	0.58	0.142	13
1370486	Soil Pulp	1.5	29.3	4.8	38	0.1	7.7	3.7	176	1.58	4.6	0.7	<0.1	4	0.2	1.0	0.2	28	0.02	0.067	5
1370487	Soil Pulp	4.4	20.1	5.3	47	<0.1	9.9	2.8	38	1.09	12.2	0.7	<0.1	7	<0.1	1.6	0.2	38	<0.01	0.042	8
1370488	Soil Pulp	3.4	25.7	6.1	43	0.2	10.9	3.7	76	1.42	11.7	<0.5	<0.1	17	0.1	1.5	0.2	25	0.03	0.062	7
1370489	Soil Pulp	2.6	12.3	4.2	32	0.2	6.1	1.9	38	0.81	6.0	1.4	0.1	5	0.1	0.8	0.1	16	0.03	0.075	6
1370490	Soil Pulp	1.3	8.6	2.4	18	0.1	4.4	1.3	28	0.56	3.0	<0.5	0.1	7	<0.1	0.5	0.1	14	0.04	0.065	5
1370491	Soil Pulp	0.8	4.5	1.5	10	<0.1	1.9	0.8	14	0.29	1.9	<0.5	<0.1	4	<0.1	0.3	<0.1	11	0.01	0.019	3
1370492	Soil Pulp	13.0	80.6	21.8	211	0.9	49.0	8.4	496	2.37	15.6	6.6	0.8	77	2.8	4.2	0.3	72	0.17	0.173	16
1370493	Soil Pulp	3.1	8.0	2.6	30	0.3	4.8	0.7	16	0.32	4.3	0.6	<0.1	5	<0.1	0.8	<0.1	26	0.02	0.020	9
1370551	Soil Pulp	12.9	63.3	12.9	49	4.3	15.6	1.6	29	1.00	10.4	0.8	<0.1	29	1.8	2.6	0.3	87	0.01	0.121	10
1370552	Soil Pulp	2.1	19.0	2.7	9	2.6	2.9	0.5	12	0.38	2.0	<0.5	<0.1	7	0.4	0.5	<0.1	22	0.01	0.052	3
1370553	Soil Pulp	2.8	62.4	11.9	10	3.5	13.3	0.8	9	0.47	1.8	<0.5	0.1	20	0.9	0.7	0.2	31	0.02	0.105	7
1370554	Soil Pulp	6.9	15.0	11.2	19	2.2	3.8	0.7	14	0.63	4.7	1.8	0.3	35	0.2	2.0	0.2	72	0.01	0.118	7
1370555	Soil Pulp	3.1	9.8	6.9	11	1.3	3.7	0.4	10	0.26	2.1	<0.5	<0.1	26	0.2	1.2	0.1	39	0.01	0.059	4
1370556	Soil Pulp	7.9	37.0	11.8	10	2.5	3.2	0.4	9	0.65	10.1	17.4	0.2	31	0.1	4.1	0.2	77	0.01	0.162	3
1370557	Soil Pulp	3.0	20.6	6.4	9	3.6	2.6	0.5	10	0.31	3.7	<0.5	<0.1	23	0.2	1.4	0.1	26	0.01	0.040	3
1370558	Soil Pulp	17.2	36.6	14.4	46	2.2	10.0	1.7	45	2.23	38.7	11.1	1.8	54	0.2	8.0	0.3	158	0.04	0.304	8
1370559	Soil Pulp	5.9	11.3	10.0	13	0.6	3.2	0.6	12	0.53	6.2	2.5	<0.1	38	<0.1	2.9	0.2	62	<0.01	0.048	6
1370560	Soil Pulp	3.8	37.1	8.3	13	3.6	5.5	0.8	14	0.57	5.9	<0.5	<0.1	26	0.6	1.7	0.2	39	0.02	0.083	6
1370561	Soil Pulp	1.4	41.4	5.1	10	6.6	5.7	0.7	13	0.39	1.9	<0.5	<0.1	12	2.9	0.4	0.1	12	0.02	0.036	6
1370562	Soil Pulp	2.1	72.0	7.5	22	2.7	9.0	1.1	15	0.61	3.4	<0.5	0.1	25	0.8	1.0	0.2	29	0.04	0.064	7
1370563	Soil Pulp	20.8	68.5	11.8	24	3.4	10.1	0.6	13	1.73	35.0	7.8	0.8	169	0.6	8.5	0.2	226	0.23	0.538	5

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	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
1370477	Soil Pulp	11	0.25	464	0.008	2	1.03	0.011	0.06	<0.1	0.14	1.0	0.1	0.21	3	1.5	<0.2
1370478	Soil Pulp	12	0.09	184	0.004	1	0.73	0.005	0.06	2.3	0.02	0.5	0.1	0.08	4	1.0	<0.2
1370479	Soil Pulp	3	0.01	30	0.003	<1	0.14	0.011	0.02	<0.1	0.01	0.2	<0.1	0.06	<1	<0.5	<0.2
1370480	Soil Pulp	7	0.03	74	0.003	1	0.44	0.009	0.04	<0.1	0.02	0.2	<0.1	0.07	3	<0.5	<0.2
1370481	Soil Pulp	4	0.02	46	0.003	1	0.21	0.011	0.03	0.1	0.03	0.2	<0.1	0.07	1	<0.5	<0.2
1370482	Soil Pulp	17	0.29	868	0.006	2	0.87	0.003	0.11	0.2	0.07	1.3	0.1	0.05	3	0.7	<0.2
1370483	Soil Pulp	16	0.19	128	0.008	2	0.76	0.006	0.09	0.3	0.05	0.6	0.2	<0.05	4	1.2	<0.2
1370484	Soil Pulp	8	0.29	670	0.010	3	0.74	0.015	0.04	<0.1	0.10	1.9	<0.1	0.10	2	1.2	<0.2
1370485	Soil Pulp	49	0.34	790	0.005	3	1.11	0.011	0.04	<0.1	0.08	2.2	0.2	<0.05	3	0.9	<0.2
1370486	Soil Pulp	6	0.03	51	0.003	1	0.23	0.007	0.02	<0.1	<0.01	0.3	<0.1	<0.05	2	0.7	<0.2
1370487	Soil Pulp	4	0.02	46	0.002	1	0.25	0.005	0.03	0.1	<0.01	0.3	<0.1	<0.05	3	0.7	<0.2
1370488	Soil Pulp	6	0.03	242	0.002	<1	0.35	0.005	0.04	<0.1	0.01	0.3	0.1	<0.05	2	<0.5	<0.2
1370489	Soil Pulp	5	0.03	128	0.002	<1	0.29	0.006	0.03	0.1	0.02	0.4	<0.1	<0.05	2	0.6	<0.2
1370490	Soil Pulp	4	0.03	159	0.005	<1	0.30	0.010	0.03	<0.1	<0.01	0.4	<0.1	<0.05	1	<0.5	<0.2
1370491	Soil Pulp	2	0.01	33	0.003	<1	0.14	0.008	0.02	<0.1	<0.01	0.2	<0.1	<0.05	1	<0.5	<0.2
1370492	Soil Pulp	17	0.19	456	0.003	2	0.82	0.005	0.11	<0.1	0.30	1.3	0.4	0.13	2	2.7	<0.2
1370493	Soil Pulp	7	0.01	61	0.003	1	0.16	0.004	0.05	0.1	<0.01	0.3	<0.1	<0.05	2	<0.5	<0.2
1370551	Soil Pulp	24	0.02	384	0.002	<1	0.83	0.002	0.04	0.2	0.19	0.2	0.2	0.06	4	4.5	<0.2
1370552	Soil Pulp	5	<0.01	98	0.003	<1	0.52	0.010	0.02	<0.1	0.05	0.3	0.1	<0.05	2	0.8	<0.2
1370553	Soil Pulp	32	<0.01	287	0.003	1	0.83	0.005	0.02	0.1	0.14	0.3	<0.1	<0.05	3	2.6	<0.2
1370554	Soil Pulp	15	0.02	334	0.005	1	0.43	0.002	0.05	0.3	0.10	0.5	0.4	<0.05	5	3.5	<0.2
1370555	Soil Pulp	14	0.01	309	0.002	1	0.22	0.002	0.03	0.2	0.08	0.2	0.2	<0.05	3	2.3	<0.2
1370556	Soil Pulp	18	0.02	288	0.002	2	0.39	0.001	0.05	0.5	1.36	0.6	0.5	0.06	3	3.6	<0.2
1370557	Soil Pulp	12	<0.01	303	0.004	<1	0.24	0.004	0.02	0.2	0.09	0.2	0.1	<0.05	2	1.4	<0.2
1370558	Soil Pulp	30	0.09	1111	0.007	1	0.97	0.004	0.11	0.5	0.88	2.2	0.6	0.15	6	5.3	<0.2
1370559	Soil Pulp	12	0.01	628	0.004	1	0.30	0.002	0.05	0.2	0.17	0.2	0.3	0.07	3	1.9	<0.2
1370560	Soil Pulp	21	<0.01	564	0.003	<1	0.48	0.005	0.03	0.1	0.13	0.2	<0.1	<0.05	2	2.0	<0.2
1370561	Soil Pulp	9	<0.01	233	0.005	<1	0.57	0.009	0.02	<0.1	0.08	0.4	<0.1	<0.05	2	1.0	<0.2
1370562	Soil Pulp	14	<0.01	517	0.004	<1	0.71	0.006	0.02	0.1	0.14	0.4	<0.1	<0.05	3	2.5	<0.2
1370563	Soil Pulp	48	0.04	1109	0.006	8	0.74	0.003	0.15	0.9	1.81	2.8	0.7	0.21	5	12.9	0.3

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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
1370564	Soil Pulp	14.6	26.1	10.8	23	3.6	5.0	0.5	9	1.08	20.0	3.4	0.2	106	0.2	5.9	0.2	129	0.03	0.234	4
1370565	Soil Pulp	21.8	90.5	12.4	48	4.1	14.1	1.4	37	1.83	46.9	4.4	1.5	186	1.3	11.6	0.2	298	0.33	0.597	8
1370566	Soil Pulp	4.7	14.5	7.2	10	0.9	3.2	0.6	10	0.46	15.4	1.0	<0.1	39	0.2	3.1	0.2	40	0.02	0.063	3
1370567	Soil Pulp	10.0	19.5	10.3	15	2.9	5.4	0.4	9	0.55	8.3	1.1	0.1	68	<0.1	3.6	0.2	82	0.02	0.095	3
1370568	Soil Pulp	19.9	207.1	15.8	39	15.2	10.4	0.5	14	1.59	26.0	19.0	1.3	584	0.4	15.2	0.3	459	0.21	0.920	12
1370569	Soil Pulp	50.8	89.8	21.6	49	13.1	26.3	0.6	19	3.07	<0.5	1.2	2.3	361	0.4	27.2	0.3	380	0.15	0.645	14
1370570	Soil Pulp	4.6	25.6	8.8	224	1.9	27.5	2.4	69	1.32	10.4	1.7	0.3	22	1.3	2.8	0.2	103	0.05	0.086	9
1370571	Soil Pulp	6.7	51.3	11.7	163	1.3	26.3	5.5	162	2.34	15.7	3.5	0.5	19	1.4	2.8	0.2	108	0.07	0.176	14
1370572	Soil Pulp	5.8	55.9	11.4	158	0.4	32.3	7.0	258	2.42	14.8	3.4	0.8	31	0.9	3.1	0.2	66	0.14	0.124	18
1370573	Soil Pulp	7.2	28.8	10.5	112	0.6	19.0	3.4	90	1.67	11.8	2.1	0.1	17	0.4	2.4	0.2	99	0.01	0.073	11
1370574	Soil Pulp	8.4	62.7	11.2	690	1.2	101.2	10.7	545	2.20	24.2	4.8	1.5	49	5.0	4.0	0.3	218	0.42	0.194	12
1370575	Soil Pulp	6.8	41.6	18.4	127	0.7	21.0	4.5	216	2.26	15.4	1.3	0.1	41	0.6	2.3	0.3	84	0.01	0.104	7
1370576	Soil Pulp	8.8	60.4	15.2	186	1.3	35.1	4.9	109	3.17	16.8	8.4	0.5	42	0.7	2.9	0.3	91	0.02	0.135	7
1370577	Soil Pulp	4.3	61.3	12.1	201	0.4	45.2	7.8	100	3.42	7.0	4.7	0.5	8	0.4	1.5	0.2	43	<0.01	0.071	5
1370578	Soil Pulp	3.6	50.2	11.5	134	0.3	27.9	5.9	210	3.28	19.7	7.9	1.4	12	0.4	2.3	0.3	63	0.09	0.106	13
1370579	Soil Pulp	3.2	63.0	13.6	149	0.2	40.9	16.3	553	2.84	10.9	7.4	4.6	44	1.2	2.0	0.3	36	0.33	0.163	19
1370580	Soil Pulp	5.7	43.4	11.8	136	0.8	21.4	3.3	81	1.92	9.9	5.1	0.3	31	0.8	1.4	0.2	46	0.05	0.155	10
1370581	Soil Pulp	6.7	56.6	13.1	182	0.3	26.1	4.9	95	2.69	11.0	2.1	0.6	16	1.6	3.4	0.2	78	0.03	0.081	10
1370582	Soil Pulp	4.4	43.9	7.9	133	0.4	25.1	5.1	112	2.53	11.7	8.5	0.9	14	0.5	2.4	0.2	48	0.08	0.073	16
1370583	Soil Pulp	3.0	29.3	7.4	89	0.2	18.7	3.7	85	1.67	11.0	4.4	0.2	9	0.1	1.4	0.2	40	0.03	0.052	8
1370584	Soil Pulp	5.1	59.2	12.5	183	0.4	34.7	14.4	596	2.82	16.4	8.9	3.4	27	0.6	3.0	0.3	64	0.24	0.163	18
1370902	Soil Pulp	2.4	25.9	4.9	52	<0.1	8.0	2.4	27	1.01	4.4	1.1	0.1	4	<0.1	0.7	0.5	50	<0.01	0.036	5
1370903	Soil Pulp	2.5	22.7	6.9	52	0.6	7.2	2.0	27	0.97	4.8	1.7	0.1	7	0.1	0.8	0.1	59	0.01	0.037	4
1370904	Soil Pulp	3.0	27.1	16.9	39	1.1	4.1	1.1	15	1.59	8.7	1.6	1.0	14	<0.1	1.1	0.2	72	<0.01	0.042	3
1370905	Soil Pulp	2.4	18.7	5.8	44	0.3	5.9	1.8	21	0.98	4.7	5.2	1.1	4	<0.1	0.7	0.1	60	<0.01	0.018	4
1370906	Soil Pulp	2.3	29.9	6.6	42	0.5	5.8	1.5	27	1.39	5.0	2.7	<0.1	5	<0.1	0.9	0.1	61	0.01	0.042	3
1370907	Soil Pulp	3.8	54.0	15.8	91	0.6	13.6	3.3	52	2.59	9.3	2.4	1.1	23	<0.1	1.5	0.2	60	0.02	0.069	7
1370908	Soil Pulp	2.6	69.3	10.3	119	0.4	25.5	7.8	300	2.31	7.9	5.6	1.9	83	0.9	1.1	0.2	51	1.07	0.095	11
1370909	Soil Pulp	3.3	65.1	8.2	98	0.3	21.6	7.0	221	1.81	5.7	9.8	1.8	49	0.4	0.8	0.2	52	0.37	0.104	14
1370910	Soil Pulp	2.9	36.3	7.6	87	<0.1	16.3	4.9	158	2.15	9.3	2.0	0.3	6	0.1	1.2	0.3	73	0.01	0.058	8

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

Project: CCJV
Report Date: September 21, 2011

CERTIFICATE OF ANALYSIS VAN11004063.1

	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
1370564	Soil Pulp	30	0.02	1734	0.004	3	0.46	0.003	0.09	0.6	0.61	0.7	0.6	0.15	4	7.8	<0.2
1370565	Soil Pulp	60	0.12	1367	0.008	7	1.00	0.003	0.16	0.8	5.18	4.2	0.4	0.19	5	10.9	0.2
1370566	Soil Pulp	15	<0.01	732	0.003	1	0.28	0.008	0.03	0.3	0.38	0.3	0.1	<0.05	2	1.5	<0.2
1370567	Soil Pulp	22	0.02	988	0.003	3	0.31	0.008	0.07	0.4	0.26	0.5	0.4	0.14	3	5.0	<0.2
1370568	Soil Pulp	151	0.02	7615	0.009	4	1.45	0.003	0.10	2.4	5.38	7.4	0.5	0.13	12	13.2	0.4
1370569	Soil Pulp	117	0.03	128	0.009	4	0.89	0.019	0.25	2.1	2.36	5.0	0.8	0.76	10	>100	1.5
1370570	Soil Pulp	23	0.12	374	0.003	2	0.52	0.004	0.08	0.1	0.25	0.5	0.3	0.06	4	2.9	<0.2
1370571	Soil Pulp	23	0.35	345	0.003	2	1.16	0.003	0.08	0.2	0.10	0.7	0.2	<0.05	4	2.6	<0.2
1370572	Soil Pulp	21	0.34	836	0.004	2	1.04	0.003	0.10	0.2	0.10	1.5	0.2	<0.05	3	1.2	<0.2
1370573	Soil Pulp	21	0.13	300	0.004	1	0.67	0.002	0.07	0.2	0.01	0.5	0.2	<0.05	4	2.0	<0.2
1370574	Soil Pulp	27	0.36	615	0.007	2	1.11	0.009	0.10	0.3	0.26	2.2	0.5	<0.05	3	2.9	<0.2
1370575	Soil Pulp	17	0.08	516	0.002	<1	0.72	0.005	0.10	0.1	<0.01	0.4	0.2	0.13	4	2.1	<0.2
1370576	Soil Pulp	19	0.12	547	0.003	3	0.70	0.004	0.11	0.2	0.11	1.0	0.2	0.12	3	5.0	<0.2
1370577	Soil Pulp	12	0.08	306	0.003	4	0.72	0.004	0.08	0.1	0.04	1.7	0.2	<0.05	3	1.1	<0.2
1370578	Soil Pulp	22	0.39	272	0.010	3	1.29	0.002	0.12	0.4	0.11	1.7	0.1	<0.05	4	1.2	<0.2
1370579	Soil Pulp	17	0.39	775	0.010	3	0.88	0.004	0.11	0.2	0.14	2.5	0.1	<0.05	3	1.3	<0.2
1370580	Soil Pulp	15	0.12	905	0.002	2	1.00	0.003	0.09	0.1	0.14	0.4	0.1	<0.05	3	1.3	<0.2
1370581	Soil Pulp	16	0.11	423	0.005	2	0.74	0.003	0.09	0.2	0.09	1.3	0.2	<0.05	4	2.1	<0.2
1370582	Soil Pulp	17	0.30	890	0.007	2	0.94	0.003	0.11	0.2	0.07	1.5	0.1	<0.05	4	<0.5	<0.2
1370583	Soil Pulp	14	0.22	328	0.005	2	0.85	0.009	0.07	0.1	0.03	0.7	0.2	<0.05	3	0.9	<0.2
1370584	Soil Pulp	24	0.52	413	0.016	2	1.27	0.002	0.10	0.3	0.07	2.2	0.2	<0.05	4	0.8	<0.2
1370902	Soil Pulp	8	0.03	102	0.003	2	0.46	0.003	0.07	<0.1	0.01	0.4	<0.1	<0.05	4	0.6	<0.2
1370903	Soil Pulp	9	0.03	110	0.003	2	0.51	0.003	0.08	<0.1	0.02	0.4	0.1	<0.05	5	0.6	<0.2
1370904	Soil Pulp	10	0.03	139	0.004	3	0.49	0.004	0.11	<0.1	0.03	0.7	0.2	<0.05	5	0.8	<0.2
1370905	Soil Pulp	9	0.03	116	0.002	2	0.67	0.003	0.07	<0.1	0.03	0.7	<0.1	<0.05	4	0.5	<0.2
1370906	Soil Pulp	8	0.02	97	0.004	2	0.65	0.005	0.06	<0.1	0.03	0.4	<0.1	<0.05	5	<0.5	<0.2
1370907	Soil Pulp	13	0.08	220	0.003	3	0.84	0.004	0.13	<0.1	0.09	1.2	0.2	<0.05	4	<0.5	<0.2
1370908	Soil Pulp	20	0.52	379	0.005	4	1.23	0.004	0.14	<0.1	0.35	2.5	0.2	<0.05	4	1.4	<0.2
1370909	Soil Pulp	20	0.62	404	0.005	4	1.44	0.007	0.13	<0.1	0.28	2.5	0.2	<0.05	4	0.7	<0.2
1370910	Soil Pulp	13	0.05	103	0.004	3	0.60	0.003	0.08	0.1	0.03	0.8	0.1	<0.05	7	<0.5	<0.2

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Project: CCJV
Report Date: September 21, 2011

CERTIFICATE OF ANALYSIS VAN11004063.1

	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
1370911	Soil Pulp	2.4	36.7	6.1	71	0.1	13.3	3.5	75	1.49	6.5	3.1	0.1	8	0.3	0.7	0.1	36	0.01	0.057	5
1370912	Soil Pulp	3.5	51.5	8.6	127	0.2	22.6	4.9	79	1.84	7.9	3.5	<0.1	12	0.3	0.9	0.1	39	0.02	0.075	4
1370913	Soil Pulp	2.3	41.6	5.2	71	0.4	18.6	4.4	81	1.34	6.5	2.5	<0.1	13	0.3	0.8	<0.1	39	0.03	0.072	6
1370914	Soil Pulp	1.6	18.8	3.4	31	0.8	6.5	1.5	32	0.78	2.9	4.9	<0.1	8	0.3	0.5	<0.1	20	0.02	0.065	4
1370915	Soil Pulp	5.5	63.2	11.1	132	0.6	26.8	6.8	211	3.15	13.6	8.7	0.7	39	0.3	1.7	0.2	64	0.03	0.138	7
1370916	Soil Pulp	5.3	45.7	7.9	170	1.4	30.5	4.5	167	1.88	10.3	10.0	0.7	21	1.2	1.4	0.2	67	0.11	0.094	7
1370917	Soil Pulp	3.5	23.7	7.2	78	0.1	16.2	2.8	63	1.09	9.0	2.5	0.1	11	0.3	0.9	0.1	50	0.03	0.039	9
1370918	Soil Pulp	3.4	39.7	10.5	117	0.3	22.3	6.1	264	2.49	17.0	5.3	0.4	18	0.2	2.0	0.2	51	0.07	0.091	9
1370919	Soil Pulp	5.2	50.7	13.8	59	0.9	13.8	2.5	40	1.51	17.5	8.2	0.4	51	0.1	1.7	0.2	80	0.01	0.086	5
1370920	Soil Pulp	4.1	51.2	9.8	142	0.4	30.8	10.1	453	2.29	13.9	4.5	2.1	46	0.5	2.0	0.2	55	0.29	0.101	10
1370921	Soil Pulp	1.7	23.4	4.7	50	1.0	9.8	2.4	67	0.82	5.1	4.1	0.2	12	0.4	0.6	<0.1	29	0.05	0.064	6
1370922	Soil Pulp	1.7	15.2	4.4	36	0.5	6.9	1.8	34	0.76	5.1	0.8	<0.1	7	<0.1	0.7	<0.1	28	0.02	0.054	5
1370923	Soil Pulp	1.2	29.0	5.3	56	0.4	16.8	4.6	304	1.24	6.9	2.8	0.1	19	0.3	0.7	0.1	33	0.16	0.051	4
1370924	Soil Pulp	0.9	8.3	2.5	17	0.2	3.1	0.7	17	0.32	1.8	1.5	<0.1	4	<0.1	0.2	<0.1	20	<0.01	0.030	7
1370925	Soil Pulp	3.2	50.0	8.1	106	0.7	24.7	5.6	209	1.71	10.1	6.9	1.5	49	0.5	1.3	0.2	53	0.42	0.106	8
1370926	Soil Pulp	2.1	19.6	5.3	33	0.4	5.7	1.6	107	0.77	5.7	1.5	0.1	7	0.1	0.6	0.1	34	0.02	0.053	5
1370927	Soil Pulp	2.2	22.4	6.1	51	0.8	9.9	2.2	50	1.08	9.1	3.4	<0.1	9	0.3	1.0	0.1	34	0.02	0.080	4
1370928	Soil Pulp	2.5	27.8	6.1	45	0.5	11.3	1.8	36	1.05	8.3	2.2	0.2	9	0.3	0.9	0.1	36	0.02	0.084	7
1370929	Soil Pulp	1.0	15.4	4.1	28	1.1	6.7	1.5	50	0.67	4.4	11.2	<0.1	10	0.2	0.5	0.1	26	0.04	0.085	2
1371194	Soil Pulp	36.9	38.2	27.9	27	2.8	10.9	1.4	22	1.03	10.8	4.4	<0.1	41	0.2	13.6	0.3	103	0.02	0.044	9
1371195	Soil Pulp	14.3	23.3	17.3	23	1.3	5.6	0.7	10	0.89	6.0	5.5	0.2	54	0.2	3.5	0.3	146	0.01	0.142	7
1371196	Soil Pulp	5.5	11.4	7.8	17	0.9	4.3	0.6	9	0.35	3.4	2.2	<0.1	17	0.2	1.6	0.2	62	<0.01	0.034	6
1371197	Soil Pulp	10.1	42.9	16.0	24	1.8	11.1	0.9	16	0.68	7.6	2.6	<0.1	41	0.3	3.0	0.3	119	0.02	0.127	8
1371198	Soil Pulp	14.7	31.6	11.9	32	1.5	9.6	1.9	71	2.26	24.3	11.3	0.9	77	0.3	5.3	0.1	191	0.25	0.541	8
1371199	Soil Pulp	7.7	14.4	9.2	21	1.3	5.9	1.3	50	0.67	6.1	3.7	<0.1	17	0.2	3.2	0.2	75	0.01	0.059	6
1371200	Soil Pulp	13.0	45.6	14.2	20	1.9	11.9	1.0	18	0.74	2.8	2.0	0.1	23	0.6	2.1	0.2	96	0.02	0.139	8
1371201	Soil Pulp	3.6	39.9	9.0	81	0.1	10.3	1.8	50	1.82	19.7	1.7	0.7	6	<0.1	2.3	0.2	64	<0.01	0.049	4
1371202	Soil Pulp	5.8	36.8	5.4	110	0.2	21.9	3.5	95	2.73	14.8	1.2	0.2	5	0.5	2.0	0.2	70	0.01	0.067	2
1371203	Soil Pulp	5.2	50.4	8.6	258	0.6	31.7	5.8	181	3.28	11.2	1.9	0.7	4	1.6	3.4	0.3	135	0.01	0.051	2
1371204	Soil Pulp	3.5	44.5	7.7	210	1.7	26.0	5.1	115	1.74	8.9	1.4	0.2	6	1.2	3.1	0.2	74	0.02	0.073	2

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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
1370911	Soil Pulp	9	0.08	142	0.004	3	0.55	0.007	0.06	<0.1	0.04	0.5	<0.1	<0.05	3	0.7	<0.2
1370912	Soil Pulp	11	0.04	114	0.003	3	0.44	0.007	0.06	0.1	0.05	0.4	0.1	<0.05	2	0.6	<0.2
1370913	Soil Pulp	9	0.05	427	0.002	4	0.53	0.007	0.06	<0.1	0.07	0.4	<0.1	<0.05	3	0.9	<0.2
1370914	Soil Pulp	6	0.03	121	0.004	1	0.40	0.010	0.03	<0.1	0.14	0.3	<0.1	<0.05	2	0.6	<0.2
1370915	Soil Pulp	18	0.21	153	0.006	2	0.94	0.004	0.09	0.1	0.14	1.1	0.3	0.05	4	0.8	<0.2
1370916	Soil Pulp	18	0.26	394	0.007	3	0.91	0.008	0.10	<0.1	0.38	1.6	0.2	<0.05	3	1.3	<0.2
1370917	Soil Pulp	14	0.10	203	0.004	2	0.62	0.004	0.06	<0.1	0.07	0.5	0.1	<0.05	4	<0.5	<0.2
1370918	Soil Pulp	16	0.20	157	0.006	2	0.74	0.003	0.08	0.1	0.08	0.8	0.2	<0.05	3	0.7	<0.2
1370919	Soil Pulp	19	0.13	295	0.003	2	0.66	0.008	0.12	<0.1	0.43	0.6	0.3	0.08	3	2.9	<0.2
1370920	Soil Pulp	16	0.29	439	0.008	2	0.79	0.004	0.10	0.1	0.12	2.0	0.2	<0.05	3	1.7	<0.2
1370921	Soil Pulp	9	0.10	369	0.004	3	0.54	0.009	0.07	<0.1	0.14	0.8	0.2	<0.05	2	<0.5	<0.2
1370922	Soil Pulp	7	0.06	111	0.004	1	0.41	0.009	0.05	<0.1	0.06	0.3	0.1	<0.05	2	<0.5	<0.2
1370923	Soil Pulp	11	0.13	546	0.009	1	0.58	0.016	0.06	<0.1	0.08	0.8	<0.1	<0.05	2	0.5	<0.2
1370924	Soil Pulp	6	0.03	57	0.003	1	0.39	0.006	0.06	<0.1	0.03	0.1	<0.1	<0.05	4	<0.5	<0.2
1370925	Soil Pulp	17	0.31	868	0.005	3	1.03	0.007	0.11	<0.1	0.29	2.2	0.2	<0.05	3	1.0	<0.2
1370926	Soil Pulp	8	0.04	128	0.003	<1	0.64	0.010	0.06	<0.1	0.05	0.4	<0.1	<0.05	3	0.5	<0.2
1370927	Soil Pulp	10	0.08	266	0.002	2	0.57	0.007	0.07	<0.1	0.17	0.3	0.1	<0.05	2	0.6	<0.2
1370928	Soil Pulp	9	0.07	336	0.003	2	0.68	0.010	0.08	<0.1	0.18	0.4	0.1	<0.05	3	0.7	<0.2
1370929	Soil Pulp	9	0.07	246	0.002	2	0.45	0.016	0.05	<0.1	0.22	0.2	0.2	<0.05	2	<0.5	<0.2
1371194	Soil Pulp	35	0.01	275	0.004	2	0.37	0.005	0.07	0.3	0.23	0.1	0.7	0.14	3	13.7	0.4
1371195	Soil Pulp	27	0.03	439	0.003	3	0.60	0.002	0.12	0.2	0.26	0.1	0.8	0.21	6	6.3	<0.2
1371196	Soil Pulp	15	0.01	140	0.003	2	0.22	0.002	0.04	0.2	0.07	<0.1	0.3	<0.05	3	2.2	<0.2
1371197	Soil Pulp	43	0.02	288	0.003	2	0.48	0.002	0.05	0.2	0.62	<0.1	0.5	0.07	6	3.4	<0.2
1371198	Soil Pulp	46	0.13	414	0.009	4	1.09	0.003	0.09	0.4	1.95	1.1	0.7	0.09	4	4.4	<0.2
1371199	Soil Pulp	18	0.02	273	0.003	2	0.35	0.012	0.04	0.2	0.31	<0.1	0.3	<0.05	3	2.8	<0.2
1371200	Soil Pulp	29	0.02	202	0.003	3	0.47	0.009	0.05	0.2	0.17	0.1	0.5	0.12	3	8.3	0.4
1371201	Soil Pulp	9	0.03	218	0.003	2	0.47	0.002	0.08	<0.1	0.02	0.8	0.1	<0.05	3	0.9	<0.2
1371202	Soil Pulp	11	0.04	153	0.002	3	0.38	0.003	0.07	<0.1	0.03	1.4	<0.1	<0.05	3	0.8	<0.2
1371203	Soil Pulp	17	0.05	182	0.003	1	0.97	0.004	0.04	<0.1	0.04	2.1	0.2	<0.05	5	1.6	<0.2
1371204	Soil Pulp	13	0.04	207	0.006	3	0.67	0.008	0.07	<0.1	0.05	1.0	0.1	<0.05	4	2.0	<0.2

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Project: CCJV
Report Date: September 21, 2011

CERTIFICATE OF ANALYSIS VAN11004063.1

	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
1371205	Soil Pulp	3.6	40.5	9.2	201	0.7	28.1	7.0	531	3.47	7.6	1.8	0.8	5	2.9	2.5	0.3	122	0.02	0.052	4
1371206	Soil Pulp	1.8	83.2	10.3	273	1.5	103.4	4.1	455	2.36	7.4	4.8	0.5	74	8.5	0.8	0.2	55	0.61	0.075	8
1371207	Soil Pulp	7.1	46.9	16.4	151	1.1	27.3	7.9	345	2.77	32.4	6.1	0.8	22	0.9	2.6	0.3	133	0.04	0.106	7
1371208	Soil Pulp	4.7	30.5	12.6	127	0.9	19.1	2.9	67	2.88	29.6	2.9	1.8	21	0.3	2.6	0.2	119	0.05	0.303	10
1371209	Soil Pulp	4.4	35.1	12.7	118	4.5	15.1	2.3	60	3.12	38.5	5.3	2.7	19	0.3	2.7	0.2	85	0.02	0.356	6
1371210	Soil Pulp	5.2	21.9	9.1	88	0.3	11.1	2.1	36	1.54	25.5	2.2	1.0	23	0.1	2.7	0.1	47	<0.01	0.044	5
1371211	Soil Pulp	5.1	30.2	15.1	110	0.8	14.8	2.7	58	2.58	23.6	2.3	2.5	18	0.2	2.5	0.3	101	<0.01	0.133	9
1371212	Soil Pulp	4.5	23.4	9.5	60	0.9	6.9	1.6	32	2.49	31.2	3.2	1.0	22	<0.1	2.4	0.2	51	0.04	0.066	3
1371213	Soil Pulp	7.8	16.9	4.8	46	0.3	7.1	1.1	23	0.85	16.3	3.3	0.5	22	0.6	1.8	<0.1	41	0.03	0.027	4
1371214	Soil Pulp	4.2	23.2	4.9	43	0.8	6.4	1.2	22	0.89	10.1	1.2	0.1	19	0.3	1.3	<0.1	37	<0.01	0.039	5
1371253	Soil Pulp	3.2	24.8	19.6	54	2.2	13.8	7.7	469	1.72	17.4	8.9	0.6	24	0.6	1.2	0.3	68	0.04	0.109	5
1371254	Soil Pulp	2.2	25.0	6.9	62	0.3	11.0	2.0	39	1.16	13.5	3.0	0.4	12	0.5	1.7	<0.1	38	0.02	0.059	4
1371255	Soil Pulp	3.3	31.7	12.4	74	0.5	10.1	2.3	48	2.01	28.7	4.0	0.5	19	0.1	2.7	0.2	51	<0.01	0.083	5
1371256	Soil Pulp	2.4	20.5	6.6	44	0.3	6.5	1.4	30	1.09	14.9	3.3	<0.1	14	0.1	1.3	0.1	36	0.01	0.049	5
1371257	Soil Pulp	4.0	20.4	10.0	61	0.4	8.8	1.9	39	1.35	25.0	3.0	0.7	18	<0.1	2.4	0.2	68	<0.01	0.041	5
1371258	Soil Pulp	3.9	26.8	11.7	63	0.4	8.5	2.0	38	2.08	43.1	4.1	0.9	23	<0.1	2.8	0.2	70	<0.01	0.066	5
1371259	Soil Pulp	4.2	25.9	10.5	70	0.5	10.3	2.1	45	1.61	30.5	5.2	0.7	18	0.1	2.3	0.2	67	0.02	0.070	6
1371260	Soil Pulp	3.4	21.8	9.2	54	0.5	8.8	2.0	32	1.44	21.4	3.0	0.7	20	<0.1	1.9	0.2	51	<0.01	0.046	4
1371261	Soil Pulp	2.5	32.1	5.1	21	0.9	4.3	0.9	14	0.88	11.5	4.1	<0.1	10	0.2	0.9	0.1	29	0.03	0.038	3
1371262	Soil Pulp	2.4	31.2	7.1	26	1.1	6.6	1.2	16	0.87	10.8	5.5	0.4	19	0.4	1.1	0.1	28	0.02	0.055	3
1371263	Soil Pulp	4.3	29.8	13.6	67	1.0	9.1	2.4	35	1.70	22.4	2.9	0.8	18	<0.1	2.9	0.2	77	<0.01	0.048	2
1371264	Soil Pulp	5.7	29.7	9.8	59	0.7	10.1	2.4	43	2.16	20.9	4.8	1.0	25	0.1	2.9	0.2	49	<0.01	0.048	3
1371265	Soil Pulp	2.9	17.8	14.5	46	3.5	8.3	2.0	17	0.83	6.8	3.6	0.6	180	0.4	2.0	0.3	51	0.03	0.062	3
1371351	Soil Pulp	0.9	14.4	2.5	21	0.8	7.4	3.7	232	0.55	2.2	4.2	<0.1	10	0.4	0.4	<0.1	18	0.04	0.081	3
1371352	Soil Pulp	4.2	38.6	12.1	92	0.4	20.2	8.2	708	2.08	17.5	5.0	0.5	28	0.5	1.9	0.2	53	0.09	0.099	7
1371353	Soil Pulp	4.9	40.7	14.0	83	0.3	18.1	6.5	540	3.93	18.9	4.9	0.7	24	<0.1	2.0	0.3	95	0.06	0.190	6
1371354	Soil Pulp	1.4	17.9	3.1	29	<0.1	5.0	1.3	50	0.64	3.9	1.8	<0.1	6	<0.1	0.6	0.1	36	<0.01	0.028	7
1371355	Soil Pulp	4.0	53.1	12.1	73	<0.1	15.4	4.2	193	2.32	15.9	3.3	0.4	9	<0.1	1.8	0.4	86	<0.01	0.063	9
1371356	Soil Pulp	2.6	39.9	7.0	72	<0.1	25.3	8.6	391	2.95	15.1	1.8	1.0	6	<0.1	1.6	0.4	66	<0.01	0.049	9
1371357	Soil Pulp	1.8	15.6	4.8	35	0.1	6.5	1.8	131	0.90	5.0	2.8	<0.1	7	<0.1	0.6	0.1	36	0.01	0.047	5

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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
1371205	Soil Pulp	15	0.05	284	0.006	2	1.01	0.005	0.05	<0.1	0.03	1.6	0.2	<0.05	4	1.3	<0.2
1371206	Soil Pulp	15	0.15	1128	0.005	2	1.11	0.010	0.06	<0.1	0.40	2.9	0.2	<0.05	3	2.5	<0.2
1371207	Soil Pulp	26	0.14	842	0.003	4	1.19	0.007	0.17	0.1	0.12	1.6	0.4	<0.05	4	1.4	<0.2
1371208	Soil Pulp	24	0.12	603	0.007	3	1.28	0.002	0.12	<0.1	0.08	1.6	0.2	<0.05	5	1.3	<0.2
1371209	Soil Pulp	24	0.09	1293	0.006	3	1.53	0.002	0.10	0.2	0.36	1.9	0.2	<0.05	4	1.8	<0.2
1371210	Soil Pulp	7	0.03	1639	0.003	2	0.33	0.001	0.07	<0.1	0.05	0.9	0.2	0.06	2	1.4	<0.2
1371211	Soil Pulp	16	0.08	477	0.005	2	0.86	0.002	0.10	<0.1	0.04	1.4	0.2	<0.05	5	1.2	<0.2
1371212	Soil Pulp	10	0.03	1110	0.001	2	0.49	0.002	0.07	<0.1	0.08	0.9	0.2	0.07	2	2.0	<0.2
1371213	Soil Pulp	10	0.03	2435	0.003	3	0.25	0.002	0.06	<0.1	0.15	0.6	0.1	0.06	2	1.6	<0.2
1371214	Soil Pulp	9	0.01	2407	0.003	3	0.37	0.005	0.05	<0.1	0.03	0.2	<0.1	0.07	2	0.7	<0.2
1371253	Soil Pulp	18	0.10	1018	0.002	4	1.23	0.009	0.16	<0.1	0.74	1.4	0.6	0.06	4	3.0	<0.2
1371254	Soil Pulp	8	0.04	684	0.004	4	0.39	0.008	0.06	<0.1	0.08	0.7	0.2	<0.05	2	1.0	<0.2
1371255	Soil Pulp	11	0.05	1136	0.003	2	0.44	0.004	0.08	<0.1	0.09	0.9	0.3	0.12	2	1.7	<0.2
1371256	Soil Pulp	8	0.05	954	0.004	2	0.48	0.006	0.06	<0.1	0.09	0.2	0.1	<0.05	2	0.6	<0.2
1371257	Soil Pulp	8	0.02	1663	0.003	2	0.33	0.002	0.07	<0.1	0.06	0.7	0.2	0.08	3	1.2	<0.2
1371258	Soil Pulp	10	0.03	1432	0.006	2	0.43	0.003	0.08	<0.1	0.08	1.0	0.2	0.11	4	1.8	<0.2
1371259	Soil Pulp	15	0.05	486	0.003	4	0.68	0.003	0.10	<0.1	0.08	1.0	0.1	<0.05	3	1.4	<0.2
1371260	Soil Pulp	8	0.03	1486	0.002	2	0.40	0.002	0.07	<0.1	0.07	0.8	0.2	0.10	2	1.2	<0.2
1371261	Soil Pulp	6	0.02	298	0.003	1	0.26	0.011	0.04	<0.1	0.15	0.2	0.1	<0.05	1	0.9	<0.2
1371262	Soil Pulp	7	0.03	1455	0.002	2	0.34	0.004	0.06	<0.1	0.45	0.9	0.2	0.09	1	1.7	<0.2
1371263	Soil Pulp	8	0.02	367	0.002	2	0.34	0.002	0.08	<0.1	0.06	0.8	0.1	0.06	3	1.5	<0.2
1371264	Soil Pulp	12	0.03	1557	0.001	3	0.44	0.002	0.07	<0.1	0.20	1.1	0.2	0.07	2	3.3	<0.2
1371265	Soil Pulp	10	0.01	776	0.002	4	0.40	0.003	0.08	<0.1	0.11	1.0	0.2	0.07	2	1.3	<0.2
1371351	Soil Pulp	7	0.05	286	0.003	<1	0.37	0.015	0.04	<0.1	0.09	0.2	<0.1	0.06	1	<0.5	<0.2
1371352	Soil Pulp	16	0.23	233	0.007	5	0.76	0.008	0.09	0.1	0.08	0.8	0.2	0.11	3	1.5	<0.2
1371353	Soil Pulp	30	0.18	142	0.007	4	1.21	0.006	0.09	<0.1	0.09	0.9	0.2	0.09	5	1.6	<0.2
1371354	Soil Pulp	6	0.04	85	0.005	2	0.42	0.007	0.05	0.5	0.03	0.2	<0.1	<0.05	4	<0.5	<0.2
1371355	Soil Pulp	13	0.05	90	0.008	2	0.61	0.004	0.05	0.1	0.03	0.7	0.1	0.06	8	0.6	<0.2
1371356	Soil Pulp	16	0.06	71	0.014	4	0.55	0.005	0.05	<0.1	0.03	1.8	<0.1	<0.05	6	0.6	<0.2
1371357	Soil Pulp	8	0.06	118	0.004	2	0.51	0.009	0.06	<0.1	0.04	0.2	<0.1	<0.05	3	0.6	<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
1371358	Soil Pulp	3.3	22.6	7.6	67	0.2	9.3	2.9	150	1.70	9.8	3.1	0.5	9	0.4	1.4	0.2	58	0.01	0.033	8
1371359	Soil Pulp	2.4	22.0	9.0	54	0.2	6.2	2.3	101	1.10	5.4	2.4	0.1	11	0.4	0.8	0.2	54	0.03	0.033	8
1371360	Soil Pulp	0.7	43.8	2.0	36	0.7	20.3	1.4	291	0.54	1.3	4.1	0.1	18	0.4	0.3	<0.1	16	0.06	0.070	5
1371361	Soil Pulp	2.8	54.2	13.4	238	0.1	28.7	16.2	1681	3.57	14.3	0.7	0.2	10	1.1	1.3	0.3	60	0.03	0.073	7
1371362	Soil Pulp	1.6	83.9	29.3	210	<0.1	42.0	36.8	5600	4.14	16.1	3.3	2.1	19	2.4	1.0	0.5	63	0.09	0.093	9
1371363	Soil Pulp	1.4	61.7	14.1	91	0.2	26.7	24.2	3845	2.16	4.4	4.5	0.3	5	0.2	0.6	0.3	33	0.02	0.070	5
1371364	Soil Pulp	1.9	36.3	14.0	267	<0.1	23.2	22.3	3822	3.39	6.5	1.7	1.1	10	1.6	0.8	0.3	61	0.03	0.110	7
1371365	Soil Pulp	0.7	23.6	6.5	180	0.3	8.9	7.2	728	1.76	0.9	1.3	0.5	11	1.5	0.4	0.1	30	0.06	0.092	3
1371366	Soil Pulp	1.1	24.8	2.5	25	0.1	5.0	1.8	56	0.76	4.2	1.6	<0.1	4	<0.1	0.8	0.1	34	<0.01	0.020	6
1371367	Soil Pulp	3.6	70.8	12.5	117	0.2	30.4	11.2	868	2.75	17.6	5.9	1.1	22	0.6	1.8	0.2	63	0.04	0.076	7
1371368	Soil Pulp	3.4	32.1	10.4	102	0.2	17.8	4.0	186	1.95	22.0	4.6	0.3	17	0.6	2.0	0.2	75	0.03	0.084	9
1371369	Soil Pulp	3.8	36.5	12.2	102	0.3	19.6	5.9	461	2.72	20.9	2.8	1.2	20	0.5	1.7	0.2	94	0.04	0.082	9
1371370	Soil Pulp	2.8	57.2	10.0	149	0.2	34.5	9.4	1315	3.34	23.2	1.9	0.3	10	0.9	1.6	0.3	52	0.01	0.065	5
1371371	Soil Pulp	1.5	135.4	12.5	175	<0.1	28.9	9.5	791	4.07	7.4	25.3	0.7	5	1.3	0.8	0.3	55	<0.01	0.065	7
1371372	Soil Pulp	6.8	48.7	16.3	17	2.8	14.1	0.5	16	2.27	20.5	3.2	0.5	163	0.5	1.6	0.2	113	0.03	0.389	4
1371373	Soil Pulp	5.0	38.8	10.5	147	0.8	22.3	4.3	165	2.29	18.9	4.6	0.7	16	0.4	2.5	0.2	95	0.03	0.063	7
1371374	Soil Pulp	15.2	85.3	11.6	264	1.3	49.3	2.2	73	1.52	31.3	1.7	0.2	12	2.4	12.4	0.2	700	0.01	0.070	8
1371375	Soil Pulp	5.4	60.6	11.9	191	0.4	25.2	4.8	216	2.43	58.1	8.0	2.0	37	0.8	4.0	0.3	79	0.13	0.153	10
1371416	Soil Pulp	4.9	68.2	14.6	174	0.3	39.3	13.2	549	2.86	22.3	10.1	2.2	39	0.6	3.5	0.3	61	0.23	0.179	20
1371417	Soil Pulp	5.3	33.4	14.8	124	0.3	26.0	5.6	212	3.36	22.5	2.5	0.6	19	0.3	2.5	0.3	95	0.03	0.162	14
1371418	Soil Pulp	24.4	85.9	21.4	312	0.4	55.1	9.9	265	3.49	29.7	9.7	3.7	71	1.0	3.0	0.2	40	0.02	0.071	25
1371419	Soil Pulp	5.7	123.0	22.0	130	0.5	17.6	3.9	79	4.52	19.8	6.2	1.8	45	0.6	3.2	0.3	101	<0.01	0.097	11
1371420	Soil Pulp	1.4	26.8	8.7	71	0.1	8.5	3.4	66	1.54	5.4	3.4	0.3	15	0.7	0.7	0.2	38	0.07	0.057	14
1371421	Soil Pulp	3.8	63.6	15.1	151	0.3	28.7	7.6	196	3.11	18.8	6.3	1.7	23	0.5	3.0	0.3	53	0.04	0.118	15
1371422	Soil Pulp	6.0	41.5	18.3	148	0.4	23.9	7.8	704	3.58	18.5	4.1	1.5	42	1.4	2.5	0.3	95	0.03	0.128	16
1371423	Soil Pulp	9.6	49.0	14.2	118	1.2	23.3	5.8	421	2.39	17.6	7.4	0.8	46	0.7	4.3	0.2	135	0.04	0.126	10
1371424	Soil Pulp	5.0	44.9	17.2	121	0.2	25.6	5.4	169	2.81	14.6	2.7	0.2	26	0.2	2.4	0.2	71	0.02	0.112	10
1371425	Soil Pulp	3.2	15.1	10.0	38	1.0	8.4	1.3	30	1.00	5.0	4.2	<0.1	28	0.3	1.1	0.1	33	0.03	0.115	5
1371426	Soil Pulp	3.0	61.7	7.3	177	0.3	28.2	5.7	128	3.34	4.4	3.9	0.3	10	0.3	1.4	0.3	37	0.01	0.082	5
1371427	Soil Pulp	38.2	137.8	10.0	1330	2.1	146.3	7.8	276	2.19	29.8	4.3	1.9	96	14.6	14.1	0.2	252	0.64	0.115	19

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

Project: CCJV
Report Date: September 21, 2011

CERTIFICATE OF ANALYSIS VAN11004063.1

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	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
1371358	Soil Pulp	9	0.06	153	0.012	2	0.58	0.007	0.07	<0.1	0.03	0.5	0.1	<0.05	4	1.0	<0.2
1371359	Soil Pulp	8	0.07	158	0.006	2	0.65	0.006	0.09	<0.1	0.03	0.3	<0.1	<0.05	5	0.7	<0.2
1371360	Soil Pulp	5	0.07	574	0.005	<1	0.53	0.018	0.04	<0.1	0.12	0.4	<0.1	0.07	2	0.7	<0.2
1371361	Soil Pulp	19	0.10	206	0.005	3	0.87	0.005	0.09	<0.1	0.03	0.6	0.1	<0.05	5	0.7	<0.2
1371362	Soil Pulp	40	0.40	674	0.005	3	2.12	0.007	0.11	<0.1	0.05	2.9	0.1	<0.05	9	0.7	<0.2
1371363	Soil Pulp	21	0.15	239	0.012	2	1.19	0.014	0.05	<0.1	0.06	1.1	<0.1	<0.05	5	0.9	<0.2
1371364	Soil Pulp	28	0.32	531	0.006	3	1.54	0.005	0.11	<0.1	0.04	1.2	0.1	<0.05	7	<0.5	<0.2
1371365	Soil Pulp	12	0.43	227	0.005	3	1.07	0.007	0.17	<0.1	0.04	0.9	<0.1	<0.05	4	<0.5	<0.2
1371366	Soil Pulp	5	0.02	42	0.007	<1	0.22	0.006	0.02	<0.1	0.02	0.2	<0.1	<0.05	3	<0.5	<0.2
1371367	Soil Pulp	17	0.16	300	0.006	2	0.66	0.003	0.09	<0.1	0.09	1.7	0.1	<0.05	2	1.1	<0.2
1371368	Soil Pulp	19	0.23	248	0.005	3	0.92	0.003	0.06	0.2	0.05	0.4	0.1	<0.05	4	0.7	<0.2
1371369	Soil Pulp	23	0.24	197	0.013	3	0.95	0.003	0.11	<0.1	0.06	1.4	0.2	0.06	5	1.2	<0.2
1371370	Soil Pulp	22	0.06	168	0.004	2	0.67	0.003	0.07	<0.1	0.03	0.8	<0.1	<0.05	4	0.9	<0.2
1371371	Soil Pulp	16	0.03	132	0.007	<1	0.61	0.005	0.05	<0.1	0.02	1.7	<0.1	<0.05	4	0.6	<0.2
1371372	Soil Pulp	36	0.04	331	0.002	2	0.47	0.003	0.10	0.1	0.59	1.3	0.1	0.41	3	3.4	0.3
1371373	Soil Pulp	16	0.14	205	0.005	3	0.79	0.004	0.10	<0.1	0.10	1.0	0.2	0.06	4	1.5	<0.2
1371374	Soil Pulp	29	0.08	291	0.006	4	0.72	0.004	0.07	<0.1	0.52	0.3	0.2	0.08	5	2.3	<0.2
1371375	Soil Pulp	16	0.15	641	0.004	5	0.75	0.002	0.12	0.1	0.14	2.0	0.2	<0.05	3	1.7	<0.2
1371416	Soil Pulp	21	0.53	370	0.010	4	1.13	0.003	0.12	0.4	0.08	1.7	0.2	<0.05	3	0.9	<0.2
1371417	Soil Pulp	24	0.33	305	0.006	2	1.21	0.003	0.09	0.2	0.06	0.9	0.2	<0.05	5	1.2	<0.2
1371418	Soil Pulp	19	0.29	666	0.003	2	1.31	0.003	0.10	<0.1	0.21	3.0	0.3	0.06	3	1.2	<0.2
1371419	Soil Pulp	40	0.06	190	0.010	1	0.70	0.006	0.08	0.1	0.07	1.4	0.1	0.09	7	2.8	<0.2
1371420	Soil Pulp	12	0.12	524	0.004	2	0.72	0.003	0.11	<0.1	0.03	0.7	0.1	<0.05	4	<0.5	<0.2
1371421	Soil Pulp	18	0.23	168	0.005	2	0.97	0.002	0.07	0.1	0.04	1.9	0.1	<0.05	4	1.3	<0.2
1371422	Soil Pulp	23	0.20	463	0.005	<1	1.00	0.004	0.12	0.1	0.04	1.4	0.2	0.14	4	1.5	<0.2
1371423	Soil Pulp	23	0.16	468	0.005	2	0.67	0.005	0.10	0.1	0.11	1.1	0.3	0.17	3	2.4	<0.2
1371424	Soil Pulp	16	0.14	305	0.005	1	0.81	0.006	0.08	0.1	0.03	0.4	0.1	0.11	4	1.1	<0.2
1371425	Soil Pulp	9	0.06	356	0.002	1	0.45	0.014	0.06	<0.1	0.18	0.1	0.1	0.12	2	0.7	<0.2
1371426	Soil Pulp	12	0.06	202	0.004	2	0.65	0.008	0.06	<0.1	0.04	0.7	0.1	0.06	3	0.6	<0.2
1371427	Soil Pulp	23	0.25	791	0.003	2	0.48	0.003	0.09	<0.1	0.73	2.9	0.8	0.08	2	8.1	<0.2

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Project: CCJV
Report Date: September 21, 2011

CERTIFICATE OF ANALYSIS VAN11004063.1

	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
1371428	Soil Pulp	19.3	67.9	15.1	283	0.4	45.5	4.4	69	2.17	23.1	2.8	0.4	21	0.5	13.6	0.3	307	0.02	0.079	18
1371429	Soil Pulp	7.8	43.6	11.8	158	0.1	22.9	5.5	83	2.16	13.3	3.5	0.6	17	0.2	2.7	0.2	69	0.02	0.084	12
1371430	Soil Pulp	20.7	152.3	11.4	479	4.7	83.1	5.7	295	1.75	22.1	9.6	0.9	100	10.5	17.2	0.2	219	0.60	0.133	19
1371431	Soil Pulp	4.1	34.4	12.7	116	<0.1	21.6	5.8	136	3.59	16.2	2.2	1.7	10	0.2	2.1	0.3	72	0.02	0.161	13
1371517	Soil Pulp	1.6	113.5	9.1	86	0.2	35.5	6.1	213	3.46	6.4	1.5	0.5	14	0.1	0.9	0.3	42	0.04	0.063	6
1371518	Soil Pulp	1.3	39.8	33.1	16	0.2	5.7	1.5	58	1.54	12.9	5.8	2.4	49	<0.1	0.9	0.6	53	<0.01	0.048	5
1371519	Soil Pulp	0.7	89.8	4.5	33	<0.1	16.1	4.0	123	2.12	5.7	2.5	0.4	9	<0.1	0.5	0.1	30	0.05	0.063	3
1371520	Soil Pulp	1.5	68.5	12.8	42	0.2	10.8	2.0	87	1.91	6.9	5.5	0.2	25	0.1	0.7	0.4	55	0.02	0.081	5
1371521	Soil Pulp	1.6	61.7	11.8	35	0.1	8.1	2.0	74	2.01	11.6	1.2	0.6	13	<0.1	1.0	0.3	54	0.01	0.035	7
1371522	Soil Pulp	1.6	81.6	29.2	79	<0.1	25.7	18.6	1121	3.89	5.4	5.0	1.9	23	0.4	1.0	0.3	58	0.08	0.126	11
1371539	Soil Pulp	8.4	178.8	68.9	17	4.6	6.2	0.6	11	5.36	32.1	28.5	1.7	248	0.1	5.1	0.6	433	0.03	0.241	9
1371540	Soil Pulp	1.8	58.8	12.2	54	0.3	18.1	22.7	2040	1.95	7.2	2.1	0.6	17	0.1	0.8	0.3	51	0.04	0.091	6
1371541	Soil Pulp	6.5	114.1	34.6	83	1.7	25.6	9.5	1083	3.19	27.4	18.1	1.2	78	0.5	3.6	0.5	170	0.05	0.123	11
1371542	Soil Pulp	7.7	86.4	30.0	112	0.3	49.0	26.7	2809	4.01	12.4	6.8	2.6	49	0.6	1.7	0.3	45	0.07	0.087	13
1371543	Soil Pulp	2.3	104.0	15.5	118	0.1	36.8	10.5	415	3.41	12.1	5.4	3.1	19	0.3	1.5	0.3	53	0.08	0.065	12
1371544	Soil Pulp	3.0	119.1	25.0	125	0.2	50.3	15.7	1573	3.38	20.7	6.7	3.3	40	0.6	1.6	0.5	74	0.02	0.074	8
1371545	Soil Pulp	18.3	57.0	23.3	21	5.1	11.3	1.3	62	1.97	49.6	23.3	0.5	55	<0.1	7.9	0.5	282	0.01	0.080	5
1371546	Soil Pulp	5.8	50.7	34.5	30	0.6	10.4	2.6	203	3.75	95.8	22.4	1.7	191	<0.1	2.4	0.8	100	0.04	0.262	6
1371547	Soil Pulp	1.8	55.3	12.3	81	0.2	20.2	9.6	1212	2.37	9.3	6.0	0.9	10	0.3	1.2	0.3	47	0.03	0.060	10
1371548	Soil Pulp	6.6	100.6	20.2	44	1.4	17.1	3.9	376	1.68	15.9	10.2	0.6	43	0.3	2.2	0.3	109	0.03	0.077	5
1371549	Soil Pulp	2.0	117.9	17.2	67	0.1	17.3	4.0	201	2.82	14.0	4.5	1.6	17	<0.1	1.2	0.5	56	0.01	0.055	6
1371550	Soil Pulp	12.7	171.6	32.7	188	0.4	65.9	23.8	3349	5.56	37.4	7.2	5.3	59	1.2	4.2	0.4	98	0.08	0.159	13
1371551	Soil Pulp	10.8	123.8	24.8	200	0.7	48.7	21.7	719	3.71	19.2	8.4	6.4	96	1.5	2.8	0.2	118	0.34	0.236	21
1371552	Soil Pulp	1.6	94.5	10.7	53	0.1	10.5	2.5	142	2.02	9.0	8.9	<0.1	20	<0.1	0.8	0.3	59	0.01	0.079	6
1371553	Soil Pulp	3.2	90.2	15.4	84	0.4	39.8	17.6	2439	2.61	14.0	6.3	0.5	35	0.3	1.3	0.3	60	0.02	0.105	6
1371554	Soil Pulp	6.2	120.9	26.9	45	1.9	21.1	5.0	943	2.33	32.2	13.1	0.6	42	0.6	2.6	0.3	122	0.01	0.142	6
1371601	Soil Pulp	4.2	30.9	16.2	68	1.0	18.1	9.1	942	2.37	20.6	9.0	0.9	20	0.1	2.0	0.3	72	0.04	0.093	7
1371602	Soil Pulp	1.2	34.0	5.9	24	2.5	9.3	6.3	446	0.79	3.2	9.3	<0.1	22	0.7	0.4	0.1	26	0.16	0.121	5
1371603	Soil Pulp	4.6	43.7	15.0	95	0.3	24.6	11.7	723	1.85	9.8	7.3	2.0	29	0.6	1.4	0.2	71	0.16	0.081	14
1371604	Soil Pulp	1.9	41.8	12.3	62	0.4	17.9	9.6	745	1.50	4.9	5.1	1.8	34	0.5	0.6	0.2	45	0.29	0.087	12

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	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
1371428	Soil Pulp	33	0.09	323	0.004	2	0.81	0.003	0.09	0.2	0.03	0.5	0.4	<0.05	5	4.4	<0.2
1371429	Soil Pulp	13	0.08	166	0.003	2	0.61	0.004	0.08	0.1	0.04	0.8	0.2	<0.05	5	2.5	<0.2
1371430	Soil Pulp	31	0.23	1720	0.004	3	0.76	0.005	0.10	<0.1	1.05	2.0	0.6	0.08	3	9.5	<0.2
1371431	Soil Pulp	23	0.23	226	0.006	2	1.10	0.002	0.08	0.2	0.02	1.7	0.2	<0.05	5	1.1	<0.2
1371517	Soil Pulp	19	0.11	179	0.015	1	0.51	0.002	0.03	0.1	0.07	1.9	<0.1	<0.05	3	0.9	<0.2
1371518	Soil Pulp	19	0.04	710	0.001	3	0.49	0.001	0.12	<0.1	0.09	3.1	0.1	<0.05	5	0.8	0.5
1371519	Soil Pulp	8	0.03	53	0.016	<1	0.44	0.012	0.03	<0.1	0.03	1.5	<0.1	<0.05	2	<0.5	<0.2
1371520	Soil Pulp	23	0.02	301	0.006	1	0.37	0.001	0.06	<0.1	0.11	1.4	<0.1	<0.05	5	0.7	<0.2
1371521	Soil Pulp	17	0.05	155	0.018	<1	0.38	0.001	0.03	0.1	0.05	1.4	<0.1	<0.05	5	0.7	<0.2
1371522	Soil Pulp	25	0.88	416	0.008	3	1.60	0.003	0.22	<0.1	0.05	2.9	0.1	<0.05	5	0.7	<0.2
1371539	Soil Pulp	80	0.03	138	0.004	6	0.46	0.005	0.37	<0.1	1.20	4.0	0.7	0.63	12	20.2	0.5
1371540	Soil Pulp	18	0.15	289	0.017	4	0.80	0.010	0.15	<0.1	0.03	1.5	0.2	<0.05	4	0.9	<0.2
1371541	Soil Pulp	45	0.17	1308	0.011	3	1.10	0.005	0.13	0.1	0.53	2.6	0.2	0.06	5	4.4	<0.2
1371542	Soil Pulp	19	0.27	751	0.007	3	1.19	0.013	0.21	<0.1	0.21	4.0	0.3	0.17	4	1.6	<0.2
1371543	Soil Pulp	25	0.27	218	0.020	3	1.10	0.003	0.07	0.2	0.05	2.5	0.1	<0.05	3	1.2	<0.2
1371544	Soil Pulp	32	0.17	545	0.004	4	1.38	0.002	0.17	<0.1	0.08	4.1	0.3	<0.05	4	1.2	<0.2
1371545	Soil Pulp	69	0.06	930	0.003	5	0.53	0.003	0.19	<0.1	0.44	1.1	0.8	0.22	8	5.9	0.2
1371546	Soil Pulp	46	0.05	129	0.003	2	0.83	0.006	0.51	<0.1	0.21	4.8	1.1	0.72	6	3.1	0.3
1371547	Soil Pulp	15	0.11	165	0.018	2	0.69	0.006	0.06	0.2	0.06	1.1	0.1	<0.05	4	0.8	<0.2
1371548	Soil Pulp	40	0.13	739	0.002	3	0.68	0.002	0.17	<0.1	0.48	1.7	0.3	0.13	4	3.3	<0.2
1371549	Soil Pulp	21	0.07	341	0.004	1	0.66	0.001	0.09	<0.1	0.03	2.8	0.1	<0.05	4	1.0	0.2
1371550	Soil Pulp	33	0.61	636	0.004	5	1.91	0.004	0.30	<0.1	0.19	4.9	0.3	0.17	6	2.8	0.3
1371551	Soil Pulp	29	0.99	848	0.010	9	1.99	0.009	0.39	<0.1	0.28	4.0	0.4	0.07	7	2.6	<0.2
1371552	Soil Pulp	15	0.05	527	0.005	2	0.58	0.004	0.09	<0.1	0.04	0.3	0.1	<0.05	4	0.7	<0.2
1371553	Soil Pulp	26	0.20	495	0.004	4	0.96	0.005	0.17	<0.1	0.10	1.6	0.2	0.06	5	1.1	<0.2
1371554	Soil Pulp	53	0.06	760	0.003	2	0.66	0.003	0.17	<0.1	0.65	3.4	0.2	0.23	5	2.9	0.3
1371601	Soil Pulp	16	0.14	293	0.007	3	0.69	0.009	0.13	0.1	0.42	1.3	0.4	<0.05	4	2.4	<0.2
1371602	Soil Pulp	11	0.09	178	0.004	2	0.54	0.014	0.06	<0.1	0.52	0.5	0.2	<0.05	2	1.0	<0.2
1371603	Soil Pulp	21	0.42	454	0.006	5	1.25	0.007	0.16	<0.1	0.26	2.2	0.3	<0.05	5	0.8	<0.2
1371604	Soil Pulp	17	0.42	298	0.008	4	1.03	0.010	0.13	0.1	0.30	2.6	0.2	<0.05	4	1.3	<0.2

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Project: CCJV
Report Date: September 21, 2011

CERTIFICATE OF ANALYSIS VAN11004063.1

	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
1371605	Soil Pulp	1.8	31.5	7.7	69	0.3	15.3	3.8	120	1.31	6.5	2.6	1.9	22	0.6	0.8	0.2	49	0.12	0.074	9
1371606	Soil Pulp	4.9	43.9	11.9	135	0.2	25.7	7.3	343	2.47	13.1	3.5	1.7	23	0.4	2.3	0.3	82	0.07	0.071	9
1371607	Soil Pulp	3.5	19.9	13.7	85	0.5	12.3	3.8	143	1.90	14.1	2.1	0.5	21	0.6	1.9	0.3	71	0.08	0.118	11
1371701	Soil Pulp	19.8	54.9	15.5	140	1.2	29.7	1.4	27	1.54	9.3	1.6	0.1	58	6.0	9.4	0.3	187	0.04	0.095	7
1371702	Soil Pulp	9.9	34.1	13.1	115	1.3	19.0	3.0	107	2.63	18.4	3.2	0.6	60	0.9	4.9	0.3	215	0.18	0.387	13
1371703	Soil Pulp	13.0	29.8	6.6	29	1.6	8.7	0.6	13	1.18	16.9	2.4	<0.1	47	1.9	5.4	0.1	155	0.03	0.179	4
1371704	Soil Pulp	2.7	11.5	2.5	23	0.5	5.4	0.7	14	0.50	1.9	1.2	<0.1	14	0.8	1.8	<0.1	46	0.02	0.109	2
1371705	Soil Pulp	15.0	51.8	7.4	42	1.1	16.0	1.0	19	0.95	2.2	1.2	0.1	43	5.7	3.3	0.2	86	0.03	0.072	5
1371706	Soil Pulp	11.4	69.7	11.0	142	2.7	26.7	2.5	41	1.72	14.6	3.1	<0.1	42	3.8	6.5	0.2	207	0.05	0.155	11
1371707	Soil Pulp	26.1	68.4	15.4	51	6.1	15.5	0.8	15	1.24	5.7	<0.5	<0.1	59	4.2	7.1	0.2	228	0.02	0.111	9
1372732	Soil Pulp	4.0	82.1	15.5	165	0.4	39.6	11.3	320	3.06	13.9	2.9	3.0	28	1.0	2.7	0.3	45	0.09	0.061	6
1372733	Soil Pulp	3.3	46.6	10.9	111	0.4	20.6	4.7	89	1.88	19.9	2.9	0.9	12	0.4	2.1	0.2	51	<0.01	0.060	5
1372734	Soil Pulp	4.6	86.9	13.7	116	1.0	29.2	6.0	102	2.21	14.1	6.0	1.3	27	0.3	2.2	0.3	63	0.03	0.062	4
1372735	Soil Pulp	3.1	33.5	5.3	52	0.4	10.5	2.4	42	1.04	8.0	<0.5	0.2	8	0.2	1.2	0.1	51	<0.01	0.043	6
1372736	Soil Pulp	3.3	37.1	12.9	91	0.3	17.1	4.6	84	2.05	18.9	2.4	0.9	12	0.1	1.9	0.2	56	<0.01	0.059	6
1372737	Soil Pulp	6.7	24.4	7.6	57	0.6	11.6	3.0	40	1.06	7.5	<0.5	0.5	12	<0.1	2.1	0.2	108	<0.01	0.032	7
1372738	Soil Pulp	2.1	35.2	9.5	72	0.4	22.0	6.1	92	1.76	4.9	2.1	0.2	12	0.3	0.8	0.2	40	0.01	0.043	2
1372739	Soil Pulp	4.5	46.4	6.5	103	1.2	21.5	6.1	85	2.14	29.3	0.6	0.4	17	0.1	2.5	0.2	104	<0.01	0.041	6
1372740	Soil Pulp	2.3	40.0	6.0	45	1.0	9.6	2.0	28	0.92	5.5	<0.5	<0.1	6	0.9	0.8	0.1	46	<0.01	0.041	5
1372741	Soil Pulp	2.3	20.0	5.8	47	0.6	8.0	2.2	32	0.97	7.4	1.0	0.2	7	<0.1	1.0	0.1	53	<0.01	0.034	6
1372742	Soil Pulp	3.3	23.5	9.5	59	0.4	9.2	2.5	42	1.59	13.3	<0.5	1.1	8	0.1	1.3	0.3	100	<0.01	0.033	4
1372743	Soil Pulp	4.8	51.2	10.4	134	0.4	23.4	4.3	101	2.05	27.3	2.7	1.5	23	0.6	2.8	0.2	76	0.07	0.088	10
1372744	Soil Pulp	1.6	12.6	3.3	39	<0.1	5.6	1.8	27	0.82	6.5	0.7	0.3	5	<0.1	0.8	<0.1	37	<0.01	0.024	4
1372745	Soil Pulp	2.1	18.8	9.3	45	0.3	8.0	2.1	44	1.27	8.0	1.8	0.4	10	0.1	0.9	0.2	54	<0.01	0.038	5
1372746	Soil Pulp	3.8	25.1	10.7	74	0.1	11.6	2.8	50	1.50	18.7	<0.5	0.3	12	0.2	1.8	0.2	66	0.01	0.058	9
1372747	Soil Pulp	1.6	21.9	6.8	62	0.3	12.2	3.6	51	1.29	4.7	<0.5	1.0	7	0.3	0.8	0.2	47	<0.01	0.031	4
1372748	Soil Pulp	1.7	22.5	5.8	50	0.1	9.2	2.8	43	1.19	4.7	<0.5	0.9	3	0.1	0.6	0.2	50	<0.01	0.029	4
1372761	Soil Pulp	7.3	44.2	7.3	130	2.1	23.9	3.7	114	1.12	9.8	3.2	0.1	56	2.5	4.0	0.1	149	0.25	0.158	7
1372762	Soil Pulp	11.1	50.6	9.5	115	2.0	22.0	1.9	32	1.08	12.0	1.3	0.2	27	1.5	5.2	0.2	211	0.02	0.055	9
1372763	Soil Pulp	4.2	40.2	3.0	41	1.0	6.7	0.7	14	0.49	3.3	<0.5	<0.1	11	0.6	2.1	<0.1	92	0.03	0.039	2

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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
1371605	Soil Pulp	16	0.23	276	0.004	3	0.89	0.005	0.11	0.2	0.16	1.8	0.2	<0.05	3	1.0	<0.2
1371606	Soil Pulp	21	0.34	306	0.007	4	1.12	0.003	0.17	0.2	0.10	1.6	0.2	<0.05	5	1.0	<0.2
1371607	Soil Pulp	15	0.15	224	0.009	3	0.81	0.004	0.12	0.2	0.05	0.7	0.2	<0.05	4	0.9	<0.2
1371701	Soil Pulp	40	0.14	748	0.003	3	0.61	0.007	0.13	0.1	0.07	0.2	0.6	0.07	5	7.4	0.3
1371702	Soil Pulp	44	0.23	1211	0.006	4	1.11	0.003	0.14	0.2	0.10	0.7	0.5	0.06	6	5.9	<0.2
1371703	Soil Pulp	21	0.03	665	<0.001	2	0.42	0.009	0.05	<0.1	0.35	<0.1	0.7	0.06	3	11.5	0.3
1371704	Soil Pulp	9	0.02	369	0.001	1	0.28	0.014	0.03	<0.1	0.06	<0.1	0.1	<0.05	1	2.9	<0.2
1371705	Soil Pulp	25	0.02	831	0.003	2	0.31	0.010	0.06	0.2	0.07	0.3	0.4	0.20	2	12.9	0.4
1371706	Soil Pulp	37	0.06	884	0.003	3	0.59	0.003	0.10	0.2	0.14	0.1	0.6	0.12	3	6.3	<0.2
1371707	Soil Pulp	60	0.02	639	<0.001	4	0.42	0.008	0.08	0.1	0.09	<0.1	1.0	0.25	4	11.9	<0.2
1372732	Soil Pulp	14	0.11	460	0.003	2	0.47	0.002	0.10	0.1	0.29	2.7	0.2	<0.05	2	1.9	<0.2
1372733	Soil Pulp	13	0.08	245	0.003	3	0.61	0.005	0.09	<0.1	0.16	1.2	0.2	<0.05	3	1.1	<0.2
1372734	Soil Pulp	18	0.09	423	0.002	4	0.79	0.004	0.16	<0.1	0.99	2.3	0.2	<0.05	3	3.5	<0.2
1372735	Soil Pulp	10	0.03	91	0.003	2	0.39	0.006	0.06	<0.1	0.05	0.3	0.2	<0.05	3	0.6	<0.2
1372736	Soil Pulp	13	0.07	126	0.003	3	0.63	0.004	0.07	<0.1	0.13	1.0	0.2	<0.05	3	1.2	<0.2
1372737	Soil Pulp	14	0.03	123	0.004	4	0.44	0.005	0.08	<0.1	0.11	0.6	0.1	<0.05	5	1.3	<0.2
1372738	Soil Pulp	8	0.03	186	0.002	2	0.40	0.010	0.07	<0.1	0.21	1.5	0.3	<0.05	2	0.9	<0.2
1372739	Soil Pulp	16	0.02	118	0.003	4	0.45	0.004	0.06	0.1	0.09	0.9	<0.1	<0.05	4	1.3	<0.2
1372740	Soil Pulp	9	0.03	118	0.004	3	0.49	0.007	0.07	<0.1	0.07	0.2	0.1	<0.05	3	<0.5	<0.2
1372741	Soil Pulp	9	0.03	99	0.005	2	0.52	0.006	0.07	<0.1	0.03	0.3	0.2	<0.05	4	0.7	<0.2
1372742	Soil Pulp	15	0.06	167	0.003	3	0.81	0.003	0.11	<0.1	0.14	1.0	0.2	<0.05	5	<0.5	<0.2
1372743	Soil Pulp	16	0.10	534	0.003	4	0.68	0.002	0.14	0.1	0.27	1.7	0.2	<0.05	3	1.3	<0.2
1372744	Soil Pulp	6	0.02	81	0.005	2	0.34	0.007	0.05	<0.1	0.04	0.5	<0.1	<0.05	2	<0.5	<0.2
1372745	Soil Pulp	12	0.06	145	0.005	2	0.68	0.005	0.09	<0.1	0.03	0.6	0.2	<0.05	4	<0.5	<0.2
1372746	Soil Pulp	13	0.06	180	0.007	3	0.70	0.005	0.10	<0.1	0.05	0.3	0.2	<0.05	4	0.9	<0.2
1372747	Soil Pulp	10	0.05	183	0.002	3	0.66	0.005	0.09	<0.1	0.03	1.0	0.1	<0.05	3	<0.5	<0.2
1372748	Soil Pulp	11	0.06	135	0.002	3	0.79	0.003	0.10	<0.1	0.02	0.9	0.2	<0.05	5	<0.5	<0.2
1372761	Soil Pulp	27	0.12	468	0.007	3	0.56	0.013	0.08	0.1	0.33	0.6	0.4	<0.05	3	3.8	<0.2
1372762	Soil Pulp	39	0.04	221	0.004	2	0.41	0.007	0.07	0.1	0.25	0.5	0.4	0.07	4	3.8	<0.2
1372763	Soil Pulp	22	0.02	80	0.005	1	0.21	0.016	0.03	<0.1	0.29	0.2	0.2	0.05	1	2.3	<0.2

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	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
1372764	Soil Pulp	7.0	35.2	4.8	21	11.4	9.9	0.6	11	1.01	3.2	4.3	<0.1	41	2.0	4.2	<0.1	114	0.07	0.225	3
1372765	Soil Pulp	20.3	126.0	14.5	258	6.4	50.6	3.8	295	1.67	39.3	7.6	0.1	96	8.8	13.6	0.2	314	0.50	0.341	4
1372766	Soil Pulp	0.7	2.4	0.5	6	1.1	1.5	0.8	16	0.30	0.6	<0.5	<0.1	8	<0.1	0.3	<0.1	17	0.04	0.020	<1
1372767	Soil Pulp	16.2	65.2	19.1	80	1.4	16.9	1.6	24	2.77	45.2	5.0	0.5	186	0.5	5.8	0.4	88	0.02	0.149	2
1372768	Soil Pulp	1.0	3.6	1.6	7	1.2	1.4	0.4	11	0.18	1.1	<0.5	<0.1	7	<0.1	0.4	<0.1	16	0.02	0.023	2
1372769	Soil Pulp	10.5	16.8	11.8	43	3.1	7.1	1.0	24	0.82	17.1	5.5	0.5	87	0.2	8.1	0.2	160	0.02	0.146	6
1372770	Soil Pulp	1.8	13.3	2.2	6	4.2	3.4	0.7	14	0.34	1.4	1.3	<0.1	15	0.2	1.2	<0.1	32	0.02	0.049	2
1372771	Soil Pulp	2.7	18.3	5.6	20	2.5	6.0	0.8	15	0.39	3.8	<0.5	<0.1	33	0.2	1.6	<0.1	52	0.02	0.048	7
1372772	Soil Pulp	45.6	132.2	14.4	13	9.4	30.0	0.3	8	1.69	37.2	0.6	0.6	173	1.3	18.3	0.2	612	0.22	0.819	8
1372773	Soil Pulp	0.6	3.6	0.7	4	2.8	1.1	0.7	12	0.28	<0.5	<0.5	<0.1	9	<0.1	0.4	<0.1	18	0.02	0.028	<1
1372774	Soil Pulp	35.8	72.3	15.3	11	5.5	19.9	0.1	4	1.29	36.4	0.8	1.3	437	0.4	22.2	0.2	472	0.07	0.713	8
1372775	Soil Pulp	6.9	29.0	11.6	37	2.8	9.7	1.0	18	0.51	6.7	0.7	<0.1	74	0.6	2.8	0.2	102	0.03	0.119	7
1372776	Soil Pulp	2.1	9.0	2.1	14	6.0	4.1	0.7	12	0.28	1.4	1.5	<0.1	11	0.2	0.9	<0.1	27	0.02	0.039	1
1372777	Soil Pulp	22.5	69.5	9.7	73	5.6	17.0	1.2	29	1.86	40.9	13.6	0.9	131	1.6	12.9	0.2	318	0.13	0.423	6
1372778	Soil Pulp	18.6	54.2	12.2	39	7.3	12.3	0.9	18	1.92	24.5	19.2	1.9	126	1.0	9.6	0.2	243	0.17	0.532	6
1372779	Soil Pulp	7.5	46.0	7.0	63	1.5	12.8	1.0	20	0.68	7.3	<0.5	0.2	43	0.7	3.1	0.1	118	0.25	0.163	9
1372780	Soil Pulp	7.0	77.5	15.2	228	0.5	58.3	8.5	196	3.68	14.8	14.4	0.6	6	0.8	3.2	0.2	67	<0.01	0.052	3
1372781	Soil Pulp	23.2	89.7	12.2	293	2.1	41.9	2.9	51	1.99	27.1	4.6	0.4	49	2.3	14.0	0.2	206	0.14	0.119	6
1372782	Soil Pulp	10.8	55.9	12.0	199	2.3	34.1	5.9	256	2.03	17.3	6.5	0.3	49	1.4	4.5	0.2	182	0.17	0.162	9
1372783	Soil Pulp	8.4	45.5	14.0	100	1.2	20.0	2.9	91	1.65	17.2	6.2	0.4	80	0.7	4.4	0.2	119	0.05	0.093	10
1372784	Soil Pulp	8.6	46.9	12.8	117	0.8	21.0	3.5	110	1.84	16.8	5.6	0.4	49	0.8	4.1	0.2	97	0.04	0.105	10
1372785	Soil Pulp	52.3	106.8	9.2	339	1.4	63.4	4.3	87	1.62	28.6	3.0	0.7	18	2.3	17.6	0.1	250	0.04	0.081	6
1372786	Soil Pulp	2.5	13.9	2.5	34	0.4	5.8	1.5	30	0.53	3.6	1.6	<0.1	4	<0.1	0.8	<0.1	32	<0.01	0.035	8
1372787	Soil Pulp	3.4	17.4	9.9	67	0.2	12.4	2.4	70	1.12	8.0	2.4	0.2	19	0.5	1.4	0.2	49	0.05	0.069	9
1372788	Soil Pulp	35.9	40.1	76.2	157	1.2	28.6	6.3	112	4.79	43.7	14.0	1.3	129	0.2	8.5	0.5	100	0.01	0.120	11
1372789	Soil Pulp	3.4	16.5	6.6	27	0.5	5.8	2.2	322	1.02	8.9	1.0	<0.1	8	<0.1	0.9	0.1	62	<0.01	0.037	6
1372790	Soil Pulp	2.9	16.8	5.0	35	0.5	5.1	1.4	63	0.71	5.3	1.5	<0.1	7	0.1	1.0	<0.1	35	<0.01	0.081	7
1372791	Soil Pulp	0.9	4.5	1.0	12	0.1	2.0	0.5	17	0.21	1.7	<0.5	<0.1	5	<0.1	0.3	<0.1	16	0.01	0.024	4
1372792	Soil Pulp	1.0	17.9	3.0	13	0.2	5.5	0.6	16	0.44	2.2	3.6	<0.1	26	0.1	0.4	<0.1	13	0.40	0.057	3
1372793	Soil Pulp	0.2	2.1	0.4	6	<0.1	1.3	0.6	11	0.18	<0.5	<0.5	<0.1	5	<0.1	<0.1	<0.1	8	0.03	0.015	<1

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

Project: CCJV
Report Date: September 21, 2011

CERTIFICATE OF ANALYSIS VAN11004063.1

	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
1372764	Soil Pulp	34	0.02	363	0.002	1	0.43	0.012	0.05	<0.1	2.07	0.4	0.5	0.11	2	13.9	<0.2
1372765	Soil Pulp	61	0.11	725	0.002	4	0.68	0.009	0.11	0.2	3.58	0.5	1.9	0.26	4	9.3	<0.2
1372766	Soil Pulp	4	0.02	33	0.007	<1	0.10	0.020	0.02	<0.1	0.15	<0.1	<0.1	<0.05	<1	0.6	<0.2
1372767	Soil Pulp	26	0.04	131	0.002	4	0.61	0.007	0.38	0.1	0.92	2.3	0.4	0.80	3	3.5	0.2
1372768	Soil Pulp	4	0.01	106	0.006	1	0.15	0.017	0.03	<0.1	1.29	0.1	<0.1	<0.05	1	<0.5	<0.2
1372769	Soil Pulp	28	0.04	982	0.005	5	0.50	0.002	0.08	0.4	5.34	0.8	0.7	0.07	5	4.6	<0.2
1372770	Soil Pulp	9	0.01	165	0.005	1	0.21	0.016	0.02	<0.1	0.47	<0.1	0.1	0.05	1	1.9	<0.2
1372771	Soil Pulp	24	0.01	488	0.007	2	0.28	0.008	0.03	0.2	1.05	0.2	0.1	<0.05	2	0.8	<0.2
1372772	Soil Pulp	102	0.04	1376	0.005	11	0.66	0.002	0.10	1.2	4.36	3.2	0.4	0.17	5	37.5	0.6
1372773	Soil Pulp	4	0.01	62	0.003	<1	0.13	0.016	0.01	<0.1	0.19	<0.1	<0.1	<0.05	<1	0.9	<0.2
1372774	Soil Pulp	70	0.03	3588	0.006	10	0.83	0.002	0.13	3.4	3.01	5.0	0.6	<0.05	7	28.1	0.4
1372775	Soil Pulp	30	0.02	1191	0.003	4	0.44	0.004	0.06	0.4	0.23	0.2	0.3	<0.05	3	1.7	<0.2
1372776	Soil Pulp	5	<0.01	145	0.003	2	0.16	0.010	0.02	<0.1	0.21	0.1	<0.1	<0.05	<1	0.9	<0.2
1372777	Soil Pulp	44	0.05	1118	0.005	6	0.60	0.002	0.12	0.4	2.51	2.1	1.1	0.21	3	8.3	0.2
1372778	Soil Pulp	54	0.06	1177	0.006	6	0.82	0.004	0.13	0.5	3.22	2.7	0.8	0.17	4	7.5	0.2
1372779	Soil Pulp	36	0.02	298	0.006	2	0.30	0.007	0.05	0.1	0.31	0.6	0.2	0.07	3	4.5	<0.2
1372780	Soil Pulp	9	0.04	245	0.003	3	0.50	0.004	0.05	<0.1	0.28	1.8	0.2	<0.05	3	2.6	<0.2
1372781	Soil Pulp	16	0.07	742	0.003	2	0.49	0.003	0.08	0.1	1.05	1.1	0.3	0.11	2	6.4	<0.2
1372782	Soil Pulp	27	0.23	476	0.004	4	0.86	0.006	0.12	0.2	0.56	0.9	0.3	0.05	3	3.7	<0.2
1372783	Soil Pulp	22	0.09	459	0.003	3	0.51	0.003	0.11	<0.1	0.31	0.7	0.3	0.08	3	2.6	<0.2
1372784	Soil Pulp	18	0.11	419	0.003	3	0.66	0.004	0.10	<0.1	0.14	0.7	0.2	0.08	3	2.1	<0.2
1372785	Soil Pulp	10	0.06	593	0.002	2	0.52	0.002	0.06	0.1	0.86	1.3	0.6	<0.05	1	6.8	<0.2
1372786	Soil Pulp	7	0.02	76	0.002	3	0.26	0.004	0.04	<0.1	0.04	0.1	<0.1	<0.05	3	<0.5	<0.2
1372787	Soil Pulp	13	0.16	256	0.004	2	0.59	0.008	0.08	0.1	0.08	0.3	0.1	<0.05	3	0.8	<0.2
1372788	Soil Pulp	15	0.05	327	0.003	2	0.57	0.011	0.23	0.1	1.45	1.1	0.6	0.62	3	6.3	0.5
1372789	Soil Pulp	8	0.03	79	0.004	2	0.33	0.005	0.04	0.2	0.03	0.3	<0.1	<0.05	3	0.5	<0.2
1372790	Soil Pulp	7	0.03	100	0.001	2	0.40	0.005	0.04	<0.1	0.05	0.1	<0.1	<0.05	2	0.8	<0.2
1372791	Soil Pulp	4	0.01	41	0.003	2	0.14	0.009	0.03	<0.1	0.02	0.1	<0.1	<0.05	1	<0.5	<0.2
1372792	Soil Pulp	4	0.05	171	0.010	1	0.37	0.017	0.02	<0.1	0.06	0.4	<0.1	0.06	1	<0.5	<0.2
1372793	Soil Pulp	2	<0.01	30	0.008	<1	0.08	0.012	0.01	<0.1	0.02	0.1	<0.1	<0.05	<1	<0.5	<0.2

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Project: CCJV
Report Date: September 21, 2011

CERTIFICATE OF ANALYSIS VAN11004063.1

	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
1372794	Soil Pulp	7.1	31.7	9.7	79	0.3	14.8	5.9	83	1.84	15.0	1.3	0.2	19	0.1	3.2	0.2	87	<0.01	0.065	12
1372795	Soil Pulp	5.6	34.4	10.6	75	1.3	19.1	1.5	44	1.40	13.8	8.0	0.6	49	1.4	2.8	0.2	47	0.07	0.074	12
1372796	Soil Pulp	2.8	24.8	5.1	65	0.5	14.2	3.6	155	0.95	5.5	3.1	0.2	18	0.7	1.2	<0.1	36	0.05	0.068	6
1372797	Soil Pulp	6.2	40.9	16.1	90	1.3	20.7	4.2	86	1.86	12.2	4.4	0.4	44	0.4	3.3	0.2	68	0.02	0.103	10
1372798	Soil Pulp	2.4	15.1	8.2	23	1.2	4.8	1.0	19	0.83	4.0	5.2	<0.1	25	0.1	0.9	<0.1	25	0.01	0.114	4
1372953	Soil Pulp	3.3	19.9	6.0	37	1.1	7.1	1.5	26	0.68	8.3	2.4	0.4	10	0.1	1.9	0.1	40	0.02	0.072	3
1372954	Soil Pulp	2.2	18.6	6.2	49	0.1	9.0	3.4	35	0.87	6.2	1.1	0.4	5	0.1	1.0	0.1	36	<0.01	0.037	4
1372966	Soil Pulp	3.7	25.0	10.6	64	1.2	11.9	2.4	50	1.43	12.4	4.7	0.6	18	0.2	3.0	0.2	46	0.02	0.056	7
1372967	Soil Pulp	2.7	26.8	15.0	74	0.3	8.3	2.1	36	2.08	9.4	0.6	1.1	20	0.1	1.9	0.2	56	0.01	0.047	3
1372968	Soil Pulp	4.3	42.1	13.8	67	0.4	8.3	2.0	31	3.04	14.1	0.8	2.1	8	<0.1	2.5	0.3	80	0.01	0.061	3
1372969	Soil Pulp	3.6	33.0	9.0	76	1.1	9.4	2.4	36	2.05	11.9	1.9	0.3	8	0.1	2.3	0.2	72	0.01	0.040	5
1372970	Soil Pulp	4.5	40.7	11.0	65	2.3	9.2	1.7	25	2.32	17.0	2.0	0.3	6	0.1	3.9	0.3	101	<0.01	0.063	3
1372971	Soil Pulp	2.7	28.1	11.4	74	1.7	10.0	2.7	41	1.72	38.5	0.8	0.8	8	<0.1	4.0	0.2	51	<0.01	0.039	6
1372972	Soil Pulp	1.3	39.6	7.7	63	0.6	19.0	4.6	131	1.04	17.4	4.7	0.8	15	0.3	1.6	0.1	22	0.12	0.041	4
1372973	Soil Pulp	2.1	46.3	16.9	181	0.2	53.0	22.1	1541	2.50	50.9	6.6	4.1	11	0.7	4.1	0.2	25	0.05	0.064	6
1372974	Soil Pulp	1.9	31.0	12.0	94	<0.1	19.2	8.5	275	1.97	23.3	2.8	2.7	10	0.2	2.4	0.2	23	0.06	0.046	5
1373007	Soil Pulp	20.3	103.2	11.3	50	4.1	15.9	1.1	25	1.43	16.0	10.1	0.5	124	2.0	7.0	0.2	223	0.44	0.763	6
1373008	Soil Pulp	73.4	101.0	10.9	119	6.5	31.7	1.3	34	3.78	51.8	13.1	0.9	111	3.6	11.2	0.2	398	0.23	1.711	5
1373010	Soil Pulp	13.7	30.7	15.4	20	3.3	13.5	0.6	14	1.23	17.6	8.0	0.4	45	0.7	5.4	0.2	74	0.04	0.120	4

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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
1372794	Soil Pulp	11	0.03	127	0.003	2	0.40	0.003	0.06	0.1	0.05	0.4	0.2	<0.05	4	1.2	<0.2
1372795	Soil Pulp	13	0.06	568	0.002	3	0.44	0.004	0.08	<0.1	0.67	0.9	0.2	0.09	1	2.2	<0.2
1372796	Soil Pulp	9	0.06	595	0.003	2	0.49	0.008	0.06	<0.1	0.08	0.5	0.1	<0.05	2	0.8	<0.2
1372797	Soil Pulp	16	0.10	353	0.003	2	0.57	0.005	0.08	<0.1	0.26	0.6	0.2	0.08	2	1.9	<0.2
1372798	Soil Pulp	8	0.03	146	<0.001	<1	0.42	0.007	0.04	<0.1	0.38	0.1	0.1	0.08	1	1.2	<0.2
1372953	Soil Pulp	10	0.03	847	0.002	<1	0.54	0.006	0.05	<0.1	0.36	0.9	0.2	0.06	2	0.7	<0.2
1372954	Soil Pulp	6	0.02	148	0.001	4	0.53	0.003	0.06	<0.1	0.05	0.5	<0.1	<0.05	4	<0.5	<0.2
1372966	Soil Pulp	13	0.09	738	0.003	2	0.70	0.005	0.06	0.1	0.27	1.2	0.2	<0.05	3	1.6	<0.2
1372967	Soil Pulp	8	0.02	170	0.002	2	0.37	0.003	0.10	<0.1	0.03	0.6	0.2	0.07	4	<0.5	<0.2
1372968	Soil Pulp	10	0.03	131	0.004	2	0.58	0.002	0.08	<0.1	0.04	0.9	0.2	<0.05	6	1.0	<0.2
1372969	Soil Pulp	12	0.01	122	0.004	2	0.40	0.002	0.06	0.1	0.05	0.4	<0.1	<0.05	3	0.6	<0.2
1372970	Soil Pulp	14	0.02	109	0.004	3	0.43	0.003	0.09	<0.1	0.04	0.5	0.1	<0.05	5	0.6	<0.2
1372971	Soil Pulp	7	0.02	88	0.003	3	0.36	0.002	0.05	<0.1	0.03	0.6	0.1	<0.05	3	0.6	<0.2
1372972	Soil Pulp	8	0.09	277	0.002	2	0.62	0.010	0.06	<0.1	0.12	1.0	0.2	<0.05	2	0.7	<0.2
1372973	Soil Pulp	12	0.16	233	0.002	3	0.68	0.002	0.08	<0.1	0.13	2.2	0.2	<0.05	2	1.2	<0.2
1372974	Soil Pulp	11	0.16	229	0.002	2	0.63	0.002	0.07	<0.1	0.07	1.3	0.1	<0.05	2	1.3	<0.2
1373007	Soil Pulp	41	0.09	963	0.005	6	0.88	0.003	0.12	0.9	1.24	1.4	0.9	0.15	4	15.3	0.3
1373008	Soil Pulp	27	0.07	1601	0.009	4	0.91	0.003	0.13	0.5	1.65	1.9	1.0	0.15	3	18.2	0.3
1373010	Soil Pulp	28	0.02	748	0.002	5	0.40	0.005	0.16	0.4	1.16	1.1	0.8	0.27	3	7.3	<0.2

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

Project: CCJV
Report Date: September 21, 2011

QUALITY CONTROL REPORT VAN11004063.1

	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																					
1180542	Soil Pulp	7.6	138.6	18.2	1566	0.7	508.5	18.2	3929	3.46	18.1	12.0	3.3	112	17.8	2.8	0.3	77	0.57	0.185	20
REP 1180542	QC	7.8	142.3	18.6	1597	0.8	514.8	18.5	3852	3.49	18.8	11.7	3.5	113	17.0	2.8	0.3	80	0.59	0.189	20
1182511	Soil Pulp	12.7	194.5	18.9	3185	4.9	351.4	5.3	286	2.20	71.2	10.8	0.8	186	23.0	9.3	0.2	156	0.58	0.292	6
REP 1182511	QC	12.7	193.2	18.3	3149	5.0	347.6	5.3	280	2.18	71.0	11.5	0.7	185	23.2	9.2	0.2	151	0.58	0.291	6
1370556	Soil Pulp	7.9	37.0	11.8	10	2.5	3.2	0.4	9	0.65	10.1	17.4	0.2	31	0.1	4.1	0.2	77	0.01	0.162	3
REP 1370556	QC	7.6	34.7	11.8	10	2.5	2.8	0.4	9	0.64	9.9	17.0	0.2	30	0.2	4.0	0.2	74	0.01	0.158	3
1370566	Soil Pulp	4.7	14.5	7.2	10	0.9	3.2	0.6	10	0.46	15.4	1.0	<0.1	39	0.2	3.1	0.2	40	0.02	0.063	3
REP 1370566	QC	4.4	14.5	7.3	11	0.9	3.2	0.5	11	0.47	15.2	0.8	<0.1	45	0.2	2.9	0.2	43	0.02	0.072	3
1370903	Soil Pulp	2.5	22.7	6.9	52	0.6	7.2	2.0	27	0.97	4.8	1.7	0.1	7	0.1	0.8	0.1	59	0.01	0.037	4
REP 1370903	QC	2.5	21.6	6.9	50	0.6	7.2	1.8	25	0.91	4.6	2.8	0.1	7	<0.1	0.9	0.1	55	0.01	0.036	4
1370922	Soil Pulp	1.7	15.2	4.4	36	0.5	6.9	1.8	34	0.76	5.1	0.8	<0.1	7	<0.1	0.7	<0.1	28	0.02	0.054	5
REP 1370922	QC	1.8	16.1	4.6	36	0.5	7.3	1.8	36	0.80	5.7	2.0	0.1	7	<0.1	0.7	<0.1	28	0.02	0.052	5
1371207	Soil Pulp	7.1	46.9	16.4	151	1.1	27.3	7.9	345	2.77	32.4	6.1	0.8	22	0.9	2.6	0.3	133	0.04	0.106	7
REP 1371207	QC	6.6	45.2	15.5	149	1.1	26.0	7.2	331	2.61	31.9	4.7	0.8	22	1.0	2.5	0.3	119	0.04	0.101	7
1371256	Soil Pulp	2.4	20.5	6.6	44	0.3	6.5	1.4	30	1.09	14.9	3.3	<0.1	14	0.1	1.3	0.1	36	0.01	0.049	5
REP 1371256	QC	2.3	22.2	6.8	47	0.3	7.1	1.5	30	1.20	15.6	1.9	<0.1	13	0.1	1.4	0.1	36	0.02	0.050	5
1371354	Soil Pulp	1.4	17.9	3.1	29	<0.1	5.0	1.3	50	0.64	3.9	1.8	<0.1	6	<0.1	0.6	0.1	36	<0.01	0.028	7
REP 1371354	QC	1.5	17.6	3.1	30	<0.1	5.1	1.3	50	0.62	3.4	2.8	<0.1	6	<0.1	0.6	0.1	36	<0.01	0.027	7
1371373	Soil Pulp	5.0	38.8	10.5	147	0.8	22.3	4.3	165	2.29	18.9	4.6	0.7	16	0.4	2.5	0.2	95	0.03	0.063	7
REP 1371373	QC	5.4	40.2	10.9	151	0.9	22.2	4.6	170	2.38	20.0	3.4	0.7	18	0.6	2.7	0.2	101	0.03	0.065	7
1371375	Soil Pulp	5.4	60.6	11.9	191	0.4	25.2	4.8	216	2.43	58.1	8.0	2.0	37	0.8	4.0	0.3	79	0.13	0.153	10
REP 1371375	QC	5.3	60.1	11.5	191	0.4	24.2	4.7	217	2.38	58.1	7.1	1.9	37	0.6	3.8	0.2	79	0.13	0.145	10
1371544	Soil Pulp	3.0	119.1	25.0	125	0.2	50.3	15.7	1573	3.38	20.7	6.7	3.3	40	0.6	1.6	0.5	74	0.02	0.074	8
REP 1371544	QC	3.0	120.2	25.3	124	0.2	49.1	15.5	1566	3.35	19.9	7.3	3.4	38	0.5	1.6	0.4	73	0.02	0.069	8
1371548	Soil Pulp	6.6	100.6	20.2	44	1.4	17.1	3.9	376	1.68	15.9	10.2	0.6	43	0.3	2.2	0.3	109	0.03	0.077	5
REP 1371548	QC	6.6	98.2	20.2	43	1.4	16.3	3.6	344	1.56	15.3	11.4	0.7	42	0.3	2.2	0.3	104	0.02	0.080	5
1372734	Soil Pulp	4.6	86.9	13.7	116	1.0	29.2	6.0	102	2.21	14.1	6.0	1.3	27	0.3	2.2	0.3	63	0.03	0.062	4
REP 1372734	QC	4.7	86.1	13.9	117	1.0	28.5	5.9	85	2.19	14.3	5.2	1.3	27	0.3	2.2	0.3	62	0.03	0.064	4

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Vancouver BC V6C 2V6 Canada

Project: CCJV
Report Date: September 21, 2011

QUALITY CONTROL REPORT VAN11004063.1

	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																	
1180542	Soil Pulp	23	0.72	924	0.007	4	1.59	0.005	0.22	<0.1	0.53	3.2	0.4	0.28	4	3.7	<0.2
REP 1180542	QC	24	0.74	939	0.006	7	1.66	0.005	0.24	<0.1	0.52	3.4	0.4	0.29	4	3.7	<0.2
1182511	Soil Pulp	26	0.16	942	0.006	6	0.82	0.003	0.16	0.2	2.01	2.5	0.9	0.30	2	11.5	<0.2
REP 1182511	QC	25	0.16	895	0.005	5	0.80	0.003	0.15	0.1	1.94	2.4	0.8	0.28	2	11.8	<0.2
1370556	Soil Pulp	18	0.02	288	0.002	2	0.39	0.001	0.05	0.5	1.36	0.6	0.5	0.06	3	3.6	<0.2
REP 1370556	QC	17	0.02	275	0.003	1	0.37	0.001	0.04	0.5	1.36	0.5	0.4	0.06	3	3.9	<0.2
1370566	Soil Pulp	15	<0.01	732	0.003	1	0.28	0.008	0.03	0.3	0.38	0.3	0.1	<0.05	2	1.5	<0.2
REP 1370566	QC	16	0.01	836	0.004	1	0.30	0.010	0.04	0.3	0.36	0.3	0.1	0.06	2	1.2	<0.2
1370903	Soil Pulp	9	0.03	110	0.003	2	0.51	0.003	0.08	<0.1	0.02	0.4	0.1	<0.05	5	0.6	<0.2
REP 1370903	QC	9	0.03	110	0.003	2	0.52	0.003	0.08	<0.1	0.03	0.3	0.1	<0.05	5	0.8	<0.2
1370922	Soil Pulp	7	0.06	111	0.004	1	0.41	0.009	0.05	<0.1	0.06	0.3	0.1	<0.05	2	<0.5	<0.2
REP 1370922	QC	7	0.06	118	0.003	2	0.43	0.009	0.05	<0.1	0.07	0.4	<0.1	<0.05	2	0.9	<0.2
1371207	Soil Pulp	26	0.14	842	0.003	4	1.19	0.007	0.17	0.1	0.12	1.6	0.4	<0.05	4	1.4	<0.2
REP 1371207	QC	23	0.14	787	0.003	3	1.11	0.007	0.15	0.1	0.11	1.5	0.4	<0.05	4	1.4	<0.2
1371256	Soil Pulp	8	0.05	954	0.004	2	0.48	0.006	0.06	<0.1	0.09	0.2	0.1	<0.05	2	0.6	<0.2
REP 1371256	QC	7	0.04	926	0.004	1	0.49	0.005	0.06	<0.1	0.09	0.2	0.2	<0.05	2	0.9	<0.2
1371354	Soil Pulp	6	0.04	85	0.005	2	0.42	0.007	0.05	0.5	0.03	0.2	<0.1	<0.05	4	<0.5	<0.2
REP 1371354	QC	6	0.04	82	0.005	3	0.41	0.007	0.05	0.5	0.03	0.2	<0.1	<0.05	4	<0.5	<0.2
1371373	Soil Pulp	16	0.14	205	0.005	3	0.79	0.004	0.10	<0.1	0.10	1.0	0.2	0.06	4	1.5	<0.2
REP 1371373	QC	17	0.15	211	0.009	3	0.84	0.005	0.11	0.1	0.11	1.1	0.2	0.05	4	0.7	<0.2
1371375	Soil Pulp	16	0.15	641	0.004	5	0.75	0.002	0.12	0.1	0.14	2.0	0.2	<0.05	3	1.7	<0.2
REP 1371375	QC	15	0.14	638	0.004	5	0.74	0.002	0.12	0.1	0.11	2.2	0.2	<0.05	3	0.9	<0.2
1371544	Soil Pulp	32	0.17	545	0.004	4	1.38	0.002	0.17	<0.1	0.08	4.1	0.3	<0.05	4	1.2	<0.2
REP 1371544	QC	30	0.16	544	0.004	3	1.33	0.002	0.16	<0.1	0.08	3.8	0.3	<0.05	4	1.1	<0.2
1371548	Soil Pulp	40	0.13	739	0.002	3	0.68	0.002	0.17	<0.1	0.48	1.7	0.3	0.13	4	3.3	<0.2
REP 1371548	QC	39	0.13	723	0.003	4	0.67	0.002	0.16	<0.1	0.50	1.6	0.3	0.10	4	3.0	0.2
1372734	Soil Pulp	18	0.09	423	0.002	4	0.79	0.004	0.16	<0.1	0.99	2.3	0.2	<0.05	3	3.5	<0.2
REP 1372734	QC	18	0.09	422	0.002	4	0.78	0.004	0.15	<0.1	1.05	2.3	0.3	<0.05	3	3.6	<0.2

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QUALITY CONTROL REPORT VAN11004063.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001	1DX15 La ppm 1
1372748	Soil Pulp	1.7	22.5	5.8	50	0.1	9.2	2.8	43	1.19	4.7	<0.5	0.9	3	0.1	0.6	0.2	50	<0.01	0.029	4
REP 1372748	QC	1.7	23.6	6.4	51	0.2	9.7	2.9	46	1.23	4.8	<0.5	0.9	4	0.1	0.6	0.2	51	<0.01	0.031	4
1372779	Soil Pulp	7.5	46.0	7.0	63	1.5	12.8	1.0	20	0.68	7.3	<0.5	0.2	43	0.7	3.1	0.1	118	0.25	0.163	9
REP 1372779	QC	6.9	47.2	7.2	64	1.6	13.2	0.9	20	0.68	7.5	1.0	0.2	45	0.8	3.1	0.1	118	0.24	0.158	9
1372789	Soil Pulp	3.4	16.5	6.6	27	0.5	5.8	2.2	322	1.02	8.9	1.0	<0.1	8	<0.1	0.9	0.1	62	<0.01	0.037	6
REP 1372789	QC	3.1	17.1	6.7	27	0.5	6.0	2.2	326	0.99	8.4	<0.5	<0.1	8	<0.1	0.9	0.1	61	<0.01	0.036	6
1372972	Soil Pulp	1.3	39.6	7.7	63	0.6	19.0	4.6	131	1.04	17.4	4.7	0.8	15	0.3	1.6	0.1	22	0.12	0.041	4
REP 1372972	QC	1.3	39.9	7.7	64	0.7	19.4	4.8	135	1.02	18.0	4.2	0.9	15	0.4	1.5	0.1	22	0.11	0.041	4
Reference Materials																					
STD DS8	Standard	12.5	114.4	125.7	315	1.7	39.3	7.7	613	2.54	26.2	106.2	6.9	65	2.5	5.5	6.6	44	0.66	0.078	15
STD DS8	Standard	11.9	98.8	123.6	281	1.6	33.9	6.8	525	2.17	21.9	109.4	7.1	57	2.2	5.3	6.9	38	0.61	0.072	15
STD DS8	Standard	12.1	103.6	113.2	292	1.8	35.3	7.3	563	2.35	24.0	113.8	5.9	58	2.2	4.8	5.9	39	0.64	0.072	13
STD DS8	Standard	11.0	93.6	112.2	288	1.6	34.2	7.0	546	2.26	23.1	95.0	5.7	53	2.2	4.9	6.3	39	0.60	0.073	11
STD DS8	Standard	12.8	105.1	117.6	300	1.7	35.7	6.9	576	2.31	23.7	120.0	6.3	65	2.3	4.9	6.0	39	0.63	0.079	13
STD DS8	Standard	13.9	111.2	130.6	327	2.0	38.6	7.5	620	2.72	24.7	114.5	6.8	60	2.2	5.4	6.6	40	0.67	0.085	14
STD DS8	Standard	13.3	103.8	113.2	283	1.7	37.7	7.8	590	2.33	23.3	107.0	6.8	61	2.2	5.4	6.6	43	0.68	0.078	16
STD DS8	Standard	10.9	107.6	115.5	302	1.8	37.0	7.1	577	2.33	24.5	104.0	5.3	61	2.2	4.8	6.1	39	0.61	0.077	12
STD DS8	Standard	14.3	116.2	124.1	309	1.9	41.6	7.9	617	2.46	24.7	122.0	6.8	64	2.6	5.9	6.9	46	0.66	0.078	16
STD DS8	Standard	11.8	110.0	122.3	317	1.8	37.7	7.4	612	2.47	25.6	109.6	6.3	65	2.2	5.5	6.6	42	0.65	0.079	13
STD DS8	Standard	15.5	123.8	130.6	322	1.8	42.7	8.7	642	2.61	28.8	105.0	7.9	69	2.2	5.4	5.5	50	0.76	0.087	17
STD DS8	Standard	11.8	107.1	122.1	301	1.9	37.8	7.6	605	2.39	24.5	118.8	6.3	56	2.2	5.4	5.8	40	0.63	0.079	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
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<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 21, 2011

QUALITY CONTROL REPORT VAN11004063.1

		1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1372748	Soil Pulp	11	0.06	135	0.002	3	0.79	0.003	0.10	<0.1	0.02	0.9	0.2	<0.05	5	<0.5	<0.2
REP 1372748	QC	11	0.06	137	0.002	3	0.78	0.003	0.10	<0.1	0.03	0.9	0.2	<0.05	5	<0.5	<0.2
1372779	Soil Pulp	36	0.02	298	0.006	2	0.30	0.007	0.05	0.1	0.31	0.6	0.2	0.07	3	4.5	<0.2
REP 1372779	QC	37	0.02	296	0.005	2	0.30	0.007	0.05	<0.1	0.29	0.5	0.2	0.07	3	4.3	<0.2
1372789	Soil Pulp	8	0.03	79	0.004	2	0.33	0.005	0.04	0.2	0.03	0.3	<0.1	<0.05	3	0.5	<0.2
REP 1372789	QC	8	0.03	73	0.003	3	0.31	0.005	0.04	0.2	0.04	0.3	<0.1	<0.05	3	<0.5	<0.2
1372972	Soil Pulp	8	0.09	277	0.002	2	0.62	0.010	0.06	<0.1	0.12	1.0	0.2	<0.05	2	0.7	<0.2
REP 1372972	QC	9	0.09	285	0.002	2	0.61	0.010	0.06	<0.1	0.12	1.0	0.2	<0.05	2	0.7	<0.2
Reference Materials																	
STD DS8	Standard	118	0.61	270	0.114	3	0.88	0.080	0.40	3.0	0.20	2.1	5.5	0.12	5	5.3	4.8
STD DS8	Standard	101	0.55	260	0.105	2	0.81	0.076	0.37	2.9	0.19	1.9	5.4	0.11	4	4.5	4.4
STD DS8	Standard	108	0.57	252	0.100	2	0.84	0.083	0.40	2.8	0.18	2.0	5.2	0.18	4	5.0	4.5
STD DS8	Standard	105	0.55	252	0.089	2	0.76	0.073	0.36	2.8	0.20	1.5	5.0	0.14	4	4.7	3.9
STD DS8	Standard	110	0.58	253	0.107	3	0.84	0.090	0.40	2.6	0.21	2.0	5.1	0.17	4	4.7	5.0
STD DS8	Standard	120	0.61	273	0.112	2	0.91	0.084	0.40	3.1	0.21	2.0	5.7	0.09	5	6.0	5.1
STD DS8	Standard	118	0.61	264	0.123	2	0.93	0.079	0.40	2.8	0.17	2.2	5.1	0.20	4	4.4	4.8
STD DS8	Standard	112	0.58	250	0.098	2	0.85	0.096	0.40	2.8	0.13	2.8	5.2	0.14	5	4.6	4.5
STD DS8	Standard	120	0.60	273	0.119	2	0.87	0.081	0.39	2.9	0.20	2.0	5.4	0.13	5	4.8	5.0
STD DS8	Standard	116	0.60	271	0.109	2	0.90	0.096	0.42	3.1	0.23	2.9	5.3	0.14	5	5.2	4.9
STD DS8	Standard	131	0.65	278	0.138	3	0.98	0.110	0.43	3.0	0.19	2.7	5.4	0.23	5	5.3	4.9
STD DS8	Standard	114	0.55	261	0.110	3	0.86	0.081	0.41	3.0	0.20	1.9	5.3	0.15	5	5.0	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
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
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Client: **Carlin Gold Corporation**
320 - 800 West Pender Street
Vancouver BC V6C 2V6 Canada

Project: CCJV
Report Date: September 21, 2011

QUALITY CONTROL REPORT VAN11004063.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001	1DX15 La ppm 1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<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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QUALITY CONTROL REPORT VAN11004063.1

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

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Client: **Carlin Gold Corporation**
320 - 800 West Pender Street
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Submitted By: Confirmation Email List
Receiving Lab: Canada-Vancouver
Received: August 19, 2011
Report Date: September 18, 2011
Page: 1 of 5

CERTIFICATE OF ANALYSIS VAN11004066.1

CLIENT JOB INFORMATION

Project: CCJV
Shipment ID:
P.O. Number STAN-01
Number of Samples: 114

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
No Prep	114	Sorting of samples on arrival and labeling			VAN
1DX2	114	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
Vancouver BC V6C 2V6 Canada

Project: CCJV
Report Date: September 18, 2011

CERTIFICATE OF ANALYSIS VAN11004066.1

	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
1370638	Soil Pulp	3.0	44.8	18.2	84	0.2	21.1	11.6	717	2.68	10.7	1.4	1.9	15	0.1	0.9	0.4	43	0.02	0.081	8
1370639	Soil Pulp	1.1	15.8	14.1	26	0.3	8.4	3.5	213	0.86	3.4	1.0	0.3	10	<0.1	0.3	0.1	18	0.03	0.062	5
1370640	Soil Pulp	3.6	44.3	14.1	86	0.3	18.9	6.5	238	2.33	10.7	2.2	0.8	21	0.2	1.2	0.3	45	0.04	0.078	7
1370641	Soil Pulp	1.4	11.9	11.1	34	<0.1	7.3	2.8	132	0.95	3.1	1.2	0.7	8	<0.1	0.3	0.2	19	0.03	0.056	6
1370642	Soil Pulp	1.4	24.8	13.2	74	0.2	19.2	8.8	518	2.24	5.9	1.4	2.1	11	0.1	0.6	0.3	27	0.06	0.054	10
1370643	Soil Pulp	1.0	28.6	16.8	189	0.1	94.4	12.0	3305	2.31	5.5	1.5	3.5	34	0.9	0.5	0.4	28	0.22	0.058	10
1370644	Soil Pulp	1.0	17.5	10.1	56	0.1	18.6	6.8	1397	1.74	4.4	1.7	1.3	14	<0.1	0.4	0.2	23	0.11	0.057	5
1370645	Soil Pulp	3.7	42.5	13.8	26	1.0	14.3	2.5	384	0.93	15.2	7.0	0.3	39	0.3	1.3	0.3	62	0.10	0.064	5
1370646	Soil Pulp	2.5	42.2	12.9	81	0.4	23.8	12.6	1956	1.98	5.7	4.8	2.4	33	0.7	0.7	0.2	36	0.35	0.114	22
1370647	Soil Pulp	2.8	103.3	20.0	151	0.6	47.6	17.5	948	3.81	11.2	10.8	4.7	56	0.4	1.6	0.3	56	0.61	0.149	21
1370648	Soil Pulp	4.2	50.2	17.5	78	0.6	24.7	12.1	3007	2.62	18.6	3.7	0.4	35	0.3	1.5	0.2	59	0.02	0.088	5
1370649	Soil Pulp	5.8	63.3	13.7	111	0.6	31.4	9.5	547	3.13	22.0	8.1	0.8	35	0.2	1.9	0.2	63	0.01	0.088	5
1370650	Soil Pulp	2.3	34.5	8.9	71	0.3	17.2	7.3	523	1.80	6.0	4.9	0.6	15	0.1	0.9	0.2	35	0.07	0.056	7
1371073	Soil Pulp	1.5	15.8	3.7	21	0.2	3.9	0.9	24	0.77	2.8	<0.5	0.1	8	0.1	0.6	0.1	34	0.02	0.031	9
1371074	Soil Pulp	1.3	19.8	6.1	22	0.8	3.6	1.0	23	0.87	4.3	<0.5	0.1	9	<0.1	0.8	0.1	35	0.02	0.036	7
1371075	Soil Pulp	3.8	23.0	12.3	50	0.6	8.0	2.2	49	2.02	12.1	0.8	1.3	10	<0.1	2.3	0.2	66	<0.01	0.039	8
1371076	Soil Pulp	2.1	22.7	4.7	26	1.3	2.5	0.8	18	1.31	6.6	0.7	0.6	7	<0.1	1.6	0.1	51	<0.01	0.027	5
1371077	Soil Pulp	0.1	3.7	1.1	4	0.5	0.6	0.6	15	0.34	<0.5	<0.5	0.1	6	<0.1	<0.1	<0.1	9	0.03	0.010	<1
1371078	Soil Pulp	0.8	17.2	5.0	11	2.4	3.0	1.0	20	0.62	1.9	0.6	<0.1	7	<0.1	0.4	<0.1	16	0.03	0.034	4
1371079	Soil Pulp	2.1	13.1	3.8	22	2.7	3.6	0.9	16	0.97	4.7	<0.5	0.2	6	<0.1	0.8	0.1	49	<0.01	0.030	6
1371080	Soil Pulp	1.9	27.2	7.1	39	2.1	5.8	1.6	45	0.98	4.7	0.5	0.1	9	0.2	0.9	0.2	36	0.03	0.058	8
1371081	Soil Pulp	2.7	20.9	6.7	78	0.7	16.9	3.1	77	1.57	8.1	1.7	0.5	12	0.2	1.5	0.1	39	0.05	0.049	8
1371082	Soil Pulp	2.6	31.5	9.0	84	1.9	22.5	5.5	163	2.47	7.9	3.7	0.4	15	0.3	1.4	0.1	37	0.10	0.104	8
1371083	Soil Pulp	1.0	12.2	4.1	18	0.7	5.0	1.3	25	0.52	1.7	<0.5	<0.1	11	0.4	0.4	<0.1	16	0.08	0.038	3
1371084	Soil Pulp	2.0	29.0	9.6	67	3.6	27.6	4.1	53	1.03	3.7	5.1	0.5	31	0.2	0.6	0.2	35	0.28	0.108	5
1371085	Soil Pulp	1.0	15.3	4.0	21	1.7	3.7	1.2	19	0.58	2.4	<0.5	<0.1	6	0.2	0.4	<0.1	21	0.02	0.033	4
1371086	Soil Pulp	3.2	24.9	11.6	52	1.5	14.9	2.2	43	1.33	3.4	3.0	0.6	27	0.5	0.7	0.2	33	0.16	0.126	4
1371087	Soil Pulp	0.2	9.6	3.6	14	0.4	8.1	13.0	351	0.60	<0.5	<0.5	0.3	13	0.7	<0.1	<0.1	9	0.10	0.052	2
1371088	Soil Pulp	4.5	46.5	11.9	172	0.7	50.0	6.9	202	2.10	7.5	3.6	1.5	72	0.8	1.5	0.2	43	0.49	0.079	5
1371089	Soil Pulp	1.6	11.5	3.6	32	0.4	5.5	1.1	20	0.57	2.3	<0.5	<0.1	10	0.3	0.4	<0.1	26	0.03	0.026	2

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

Project: CCJV
Report Date: September 18, 2011

CERTIFICATE OF ANALYSIS VAN11004066.1

	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
1370638	Soil Pulp	19	0.26	362	0.003	2	1.07	0.003	0.13	<0.1	0.92	2.0	0.1	<0.05	4	<0.5	<0.2
1370639	Soil Pulp	7	0.07	259	0.003	1	0.67	0.013	0.05	<0.1	0.14	0.7	<0.1	<0.05	2	<0.5	<0.2
1370640	Soil Pulp	17	0.19	189	0.004	3	0.84	0.005	0.12	<0.1	0.21	1.2	0.1	<0.05	4	1.1	<0.2
1370641	Soil Pulp	12	0.11	95	0.002	2	0.65	0.008	0.07	<0.1	0.10	0.9	0.1	<0.05	3	<0.5	<0.2
1370642	Soil Pulp	17	0.25	342	0.005	2	1.03	0.008	0.11	<0.1	0.12	2.2	0.1	<0.05	4	<0.5	<0.2
1370643	Soil Pulp	19	0.35	327	0.003	3	1.14	0.003	0.13	<0.1	0.21	3.6	0.1	<0.05	4	0.8	<0.2
1370644	Soil Pulp	14	0.19	221	0.004	2	0.77	0.010	0.09	<0.1	0.09	1.6	<0.1	<0.05	3	<0.5	<0.2
1370645	Soil Pulp	23	0.05	409	0.003	2	0.42	0.007	0.09	<0.1	1.30	1.1	0.2	0.08	4	1.4	<0.2
1370646	Soil Pulp	15	0.34	399	0.003	2	1.36	0.013	0.11	<0.1	0.18	3.7	0.2	<0.05	4	0.9	<0.2
1370647	Soil Pulp	24	0.76	441	0.003	3	1.40	0.004	0.16	<0.1	0.59	6.2	0.1	<0.05	4	1.5	<0.2
1370648	Soil Pulp	17	0.05	321	0.004	2	0.42	0.006	0.11	<0.1	0.65	1.4	0.3	0.09	3	0.9	<0.2
1370649	Soil Pulp	23	0.08	197	0.004	3	0.64	0.008	0.10	<0.1	0.31	2.0	0.2	0.07	3	1.1	<0.2
1370650	Soil Pulp	14	0.22	322	0.006	2	0.81	0.010	0.08	<0.1	0.23	1.1	0.1	<0.05	3	0.9	<0.2
1371073	Soil Pulp	9	0.02	182	0.006	2	0.51	0.006	0.05	<0.1	0.07	0.2	<0.1	<0.05	4	<0.5	<0.2
1371074	Soil Pulp	10	0.02	271	0.006	2	0.66	0.006	0.05	<0.1	0.11	0.4	<0.1	<0.05	4	0.8	<0.2
1371075	Soil Pulp	10	0.04	256	0.014	1	0.64	0.003	0.07	0.1	0.06	1.1	0.1	<0.05	6	1.1	<0.2
1371076	Soil Pulp	9	0.02	204	0.004	3	0.37	0.004	0.05	<0.1	0.06	0.6	<0.1	<0.05	3	1.4	<0.2
1371077	Soil Pulp	1	0.01	24	0.023	<1	0.48	0.019	0.02	<0.1	0.04	0.4	<0.1	<0.05	2	<0.5	<0.2
1371078	Soil Pulp	6	0.01	97	0.009	<1	0.64	0.020	0.02	<0.1	0.08	0.3	<0.1	<0.05	3	<0.5	<0.2
1371079	Soil Pulp	11	0.02	246	0.004	3	0.55	0.003	0.06	<0.1	0.05	0.3	<0.1	<0.05	4	<0.5	<0.2
1371080	Soil Pulp	13	0.02	328	0.005	1	0.56	0.006	0.05	<0.1	0.05	0.5	0.1	<0.05	4	0.8	<0.2
1371081	Soil Pulp	15	0.21	246	0.012	2	0.77	0.008	0.06	0.1	0.11	1.2	<0.1	<0.05	3	0.5	<0.2
1371082	Soil Pulp	14	0.17	314	0.005	2	0.88	0.004	0.07	0.1	0.31	1.1	0.2	<0.05	3	1.9	<0.2
1371083	Soil Pulp	5	0.02	426	0.005	2	0.31	0.013	0.04	<0.1	0.06	0.3	<0.1	<0.05	1	<0.5	<0.2
1371084	Soil Pulp	18	0.14	666	0.002	5	1.05	0.013	0.10	<0.1	0.72	1.2	0.3	<0.05	3	2.2	<0.2
1371085	Soil Pulp	6	0.02	213	0.006	2	0.38	0.010	0.05	<0.1	0.07	0.2	<0.1	<0.05	3	<0.5	<0.2
1371086	Soil Pulp	12	0.08	655	0.003	3	1.08	0.006	0.10	<0.1	0.29	1.9	0.2	0.05	3	1.9	<0.2
1371087	Soil Pulp	4	0.03	320	0.005	2	0.42	0.018	0.04	<0.1	0.05	0.8	<0.1	<0.05	1	0.9	<0.2
1371088	Soil Pulp	15	0.21	2177	0.003	4	1.13	0.010	0.11	<0.1	0.25	3.2	0.2	0.06	3	3.9	<0.2
1371089	Soil Pulp	5	0.03	290	0.004	2	0.37	0.014	0.04	<0.1	0.02	0.4	<0.1	<0.05	2	0.5	<0.2

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Project: CCJV
Report Date: September 18, 2011

CERTIFICATE OF ANALYSIS VAN11004066.1

	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
1371090	Soil Pulp	4.6	13.7	3.4	36	<0.1	4.6	1.1	32	1.71	10.5	<0.5	0.5	13	<0.1	1.8	0.1	88	<0.01	0.033	6
1371091	Soil Pulp	1.8	14.0	3.7	22	0.5	4.1	1.2	21	0.76	4.1	<0.5	0.4	7	<0.1	0.6	<0.1	22	0.01	0.023	3
1371092	Soil Pulp	2.7	51.8	11.3	68	5.3	14.1	2.2	44	1.91	8.2	1.4	1.3	26	0.1	1.8	0.2	52	0.02	0.079	6
1371093	Soil Pulp	4.1	34.0	12.7	74	1.6	11.7	2.5	59	1.97	10.9	2.7	1.8	14	0.2	2.9	0.2	51	<0.01	0.052	6
1371094	Soil Pulp	3.3	100.0	13.0	111	1.1	22.2	3.7	94	2.28	14.3	2.8	1.6	11	0.1	2.5	0.2	53	0.02	0.104	8
1371095	Soil Pulp	3.4	21.0	9.7	61	0.5	8.6	1.9	52	1.15	9.8	3.6	0.5	13	0.2	1.6	0.2	50	0.02	0.046	7
1371096	Soil Pulp	1.3	9.9	4.1	33	0.6	3.3	0.9	19	0.70	2.7	1.1	1.1	7	<0.1	0.8	0.2	28	<0.01	0.019	7
1371097	Soil Pulp	1.1	26.6	4.3	29	3.9	4.4	1.1	21	0.77	2.4	1.7	0.2	10	0.2	0.8	0.3	27	0.02	0.035	6
1371168	Soil Pulp	13.1	32.3	13.7	67	3.7	13.5	1.0	20	1.02	8.8	2.8	0.1	69	0.4	3.6	0.3	115	0.05	0.085	6
1371169	Soil Pulp	10.0	23.1	12.1	23	4.4	7.8	0.5	11	0.82	3.7	2.0	<0.1	47	0.2	2.5	0.4	70	0.02	0.099	3
1371170	Soil Pulp	15.1	88.4	11.2	87	9.1	22.4	1.8	45	1.55	15.7	12.9	0.3	72	1.6	6.4	0.2	140	0.10	0.243	7
1371171	Soil Pulp	23.3	93.2	14.3	107	5.7	29.4	2.7	93	2.39	32.0	13.5	0.6	136	1.4	9.5	0.3	297	0.20	0.407	10
1371172	Soil Pulp	14.5	24.3	37.7	97	1.9	12.9	1.5	25	4.27	73.5	6.4	0.7	169	0.1	7.0	0.4	72	0.01	0.104	4
1371173	Soil Pulp	9.7	56.9	18.7	194	1.6	30.6	3.5	370	3.92	53.3	13.8	0.7	163	0.5	9.1	0.3	85	0.05	0.195	5
1371174	Soil Pulp	6.9	32.4	21.6	144	0.7	17.3	2.9	67	2.58	86.5	2.1	0.7	72	0.3	4.8	0.3	92	0.01	0.077	9
1371175	Soil Pulp	11.0	51.1	30.6	432	0.8	81.7	10.2	292	4.16	179.2	6.6	0.7	48	0.8	12.7	0.3	102	<0.01	0.112	6
1371176	Soil Pulp	5.3	26.0	17.3	125	0.7	20.0	4.1	96	2.21	28.3	1.0	0.5	24	0.3	3.0	0.3	88	0.01	0.078	12
1371177	Soil Pulp	3.4	15.7	7.2	52	0.2	8.2	2.0	44	0.92	11.3	0.5	0.2	12	<0.1	1.3	0.2	55	<0.01	0.047	13
1371178	Soil Pulp	16.7	101.0	17.0	87	10.9	18.7	1.0	84	3.29	64.6	40.7	1.3	248	1.1	16.7	0.3	122	0.15	0.621	6
1371179	Soil Pulp	4.5	19.9	4.1	20	2.0	8.2	0.7	15	0.59	3.6	2.8	<0.1	55	0.6	1.8	<0.1	40	0.04	0.065	2
1371180	Soil Pulp	18.7	39.4	20.4	122	6.8	19.3	2.0	39	1.77	28.0	3.4	0.8	113	0.4	7.5	0.3	160	0.02	0.084	11
1371181	Soil Pulp	9.2	19.7	16.8	47	2.5	8.2	0.8	18	0.84	6.1	3.0	0.2	70	0.2	2.7	0.3	106	0.02	0.078	5
1371182	Soil Pulp	8.2	38.1	19.1	50	4.9	13.9	1.5	33	1.37	9.4	2.1	0.1	38	0.7	3.1	0.3	64	0.05	0.056	8
1371183	Soil Pulp	7.6	20.0	22.0	69	3.1	12.4	1.8	52	1.47	15.8	6.5	0.1	58	0.1	3.4	0.3	94	0.02	0.081	10
1371184	Soil Pulp	2.6	26.1	19.3	5	3.3	2.8	0.2	19	0.60	5.4	54.3	0.5	16	<0.1	5.8	0.1	31	<0.01	0.063	3
1371185	Soil Pulp	11.2	41.6	21.1	228	1.1	33.3	7.5	178	3.09	62.1	8.8	2.2	84	0.7	10.6	0.2	56	0.04	0.114	6
1371186	Soil Pulp	6.0	43.8	25.9	244	0.5	39.7	11.7	334	3.32	83.3	3.8	1.3	34	0.6	9.7	0.3	52	0.02	0.078	5
1371187	Soil Pulp	3.0	28.7	12.2	107	0.3	23.8	7.3	121	1.92	9.8	1.1	1.4	9	0.3	3.2	0.2	32	0.01	0.052	8
1371188	Soil Pulp	2.6	24.3	14.6	82	0.2	18.1	5.6	91	1.76	12.5	0.9	0.6	20	0.4	2.8	0.2	32	0.03	0.047	7
1371189	Soil Pulp	4.3	26.6	15.1	87	0.3	18.3	4.8	80	1.99	11.1	<0.5	1.3	47	0.3	4.2	0.2	33	0.02	0.043	4

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CERTIFICATE OF ANALYSIS VAN11004066.1

	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
1371090	Soil Pulp	10	0.03	516	0.010	3	0.44	0.002	0.06	0.1	0.03	0.7	<0.1	<0.05	5	<0.5	<0.2
1371091	Soil Pulp	4	0.02	227	0.010	1	0.54	0.011	0.04	<0.1	0.10	0.8	<0.1	<0.05	3	0.6	<0.2
1371092	Soil Pulp	10	0.04	324	0.006	2	0.96	0.007	0.06	0.2	0.19	1.3	0.1	<0.05	4	1.3	<0.2
1371093	Soil Pulp	10	0.07	231	0.004	2	0.79	0.005	0.08	<0.1	0.20	1.4	0.2	<0.05	3	1.9	<0.2
1371094	Soil Pulp	17	0.20	192	0.004	3	1.28	0.003	0.09	0.1	0.20	2.0	0.3	<0.05	3	3.2	<0.2
1371095	Soil Pulp	10	0.03	226	0.003	4	0.49	0.002	0.07	<0.1	0.05	0.5	0.2	<0.05	3	0.6	<0.2
1371096	Soil Pulp	4	0.02	88	0.003	2	0.44	0.002	0.05	<0.1	0.05	0.3	0.1	<0.05	4	<0.5	<0.2
1371097	Soil Pulp	8	0.02	175	0.007	3	0.61	0.007	0.04	<0.1	0.08	0.4	<0.1	<0.05	3	<0.5	<0.2
1371168	Soil Pulp	32	0.02	406	0.004	4	0.39	0.004	0.08	0.2	0.20	0.4	0.4	0.16	4	10.2	0.2
1371169	Soil Pulp	20	0.02	297	0.003	3	0.37	0.011	0.09	0.2	0.63	0.2	0.5	0.16	3	18.0	0.7
1371170	Soil Pulp	28	0.11	683	0.003	3	0.77	0.010	0.10	0.2	3.12	0.4	1.2	0.17	3	15.1	<0.2
1371171	Soil Pulp	53	0.15	983	0.006	5	0.82	0.006	0.13	0.4	1.27	0.8	1.2	0.21	4	19.5	0.3
1371172	Soil Pulp	22	0.02	90	0.004	4	0.27	0.008	0.56	0.2	0.28	1.9	2.7	1.24	5	27.8	0.4
1371173	Soil Pulp	19	0.09	359	0.005	4	0.59	0.007	0.28	0.3	0.52	1.1	1.2	0.67	3	8.5	0.3
1371174	Soil Pulp	13	0.04	294	0.005	3	0.50	0.003	0.14	0.1	0.07	1.0	0.6	0.21	4	2.7	<0.2
1371175	Soil Pulp	14	0.04	224	0.003	4	0.54	0.003	0.10	0.2	0.19	1.8	0.8	0.11	3	3.8	<0.2
1371176	Soil Pulp	14	0.08	195	0.005	2	0.75	0.003	0.09	0.2	0.04	0.7	0.3	0.05	5	1.8	<0.2
1371177	Soil Pulp	11	0.04	168	0.004	3	0.58	0.004	0.08	0.1	0.03	0.3	0.2	<0.05	4	0.6	<0.2
1371178	Soil Pulp	44	0.02	359	0.002	4	0.65	0.007	0.20	0.4	2.51	4.2	2.0	0.54	3	29.1	0.7
1371179	Soil Pulp	9	0.02	728	0.005	1	0.22	0.019	0.04	<0.1	0.39	0.1	0.5	0.09	1	5.9	<0.2
1371180	Soil Pulp	25	0.04	458	0.007	3	0.51	0.003	0.11	0.2	0.24	0.8	1.5	0.22	5	12.8	<0.2
1371181	Soil Pulp	25	0.04	675	0.003	5	0.61	0.003	0.09	0.1	0.15	0.7	0.8	0.13	5	12.2	0.5
1371182	Soil Pulp	21	0.02	1336	0.006	3	0.62	0.004	0.11	0.1	0.30	0.5	0.3	0.19	3	15.7	1.0
1371183	Soil Pulp	17	0.05	777	0.007	3	0.45	0.007	0.11	0.2	0.13	0.4	0.5	0.16	4	6.3	0.3
1371184	Soil Pulp	9	<0.01	719	<0.001	2	0.27	<0.001	0.08	<0.1	1.17	0.4	0.5	0.15	<1	1.3	<0.2
1371185	Soil Pulp	15	0.08	288	0.002	5	0.97	0.003	0.10	<0.1	0.22	2.0	0.7	0.10	2	3.3	<0.2
1371186	Soil Pulp	13	0.06	211	0.002	3	0.75	0.003	0.10	0.1	0.14	2.0	0.6	0.07	2	2.3	<0.2
1371187	Soil Pulp	11	0.04	762	0.003	2	0.57	0.004	0.09	<0.1	0.02	1.1	0.2	<0.05	3	<0.5	<0.2
1371188	Soil Pulp	7	0.05	239	0.002	2	0.48	0.002	0.10	<0.1	0.03	0.6	0.1	<0.05	2	<0.5	<0.2
1371189	Soil Pulp	7	0.04	350	0.002	3	0.52	0.008	0.16	<0.1	0.03	1.1	0.4	0.11	2	<0.5	<0.2

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	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
1371190	Soil Pulp	8.4	58.4	32.6	197	1.7	16.2	3.2	68	3.83	50.3	2.4	1.7	63	0.8	8.8	0.4	84	0.02	0.122	7
1371191	Soil Pulp	4.3	46.4	23.4	158	1.4	18.4	4.8	622	3.02	19.0	0.8	0.9	30	0.9	3.1	0.4	73	0.03	0.090	5
1371192	Soil Pulp	13.8	82.6	57.7	165	11.0	21.0	2.3	240	7.65	66.3	46.6	2.1	248	0.7	8.3	0.5	191	0.04	0.375	7
1371193	Soil Pulp	8.3	25.8	11.8	144	2.8	23.9	3.5	98	2.71	28.7	11.1	3.2	51	0.5	4.3	0.2	155	0.14	0.247	12
1371251	Soil Pulp	3.5	41.5	13.1	73	0.3	17.5	6.1	214	2.09	10.0	5.2	1.0	19	<0.1	1.2	0.2	46	0.02	0.058	10
1372865	Soil Pulp	8.1	41.6	20.3	135	1.4	31.2	3.9	569	2.03	45.0	15.7	0.6	106	1.1	3.5	0.2	84	0.11	0.216	8
1372866	Soil Pulp	5.3	19.9	16.8	22	2.8	3.1	0.3	18	2.46	20.5	25.2	0.3	30	<0.1	8.0	0.1	82	0.01	0.057	1
1372867	Soil Pulp	2.3	45.4	17.0	107	1.1	20.5	9.9	215	2.12	12.4	2.8	2.4	12	0.3	1.7	0.2	30	0.03	0.059	2
1372868	Soil Pulp	9.2	59.8	27.3	242	1.1	17.5	3.8	79	3.72	53.8	2.2	1.7	101	0.5	7.7	0.3	68	0.02	0.093	3
1372869	Soil Pulp	9.1	25.5	10.7	285	0.6	26.7	5.3	99	2.17	42.3	<0.5	0.7	13	1.5	8.2	0.2	71	<0.01	0.055	9
1372870	Soil Pulp	8.3	20.0	17.2	116	0.7	12.1	2.3	47	1.97	37.0	1.6	1.7	38	0.3	4.7	0.2	116	0.01	0.065	11
1372871	Soil Pulp	9.3	21.3	23.5	106	1.7	14.0	2.3	76	3.39	79.1	7.1	0.7	75	0.3	4.8	0.3	220	0.04	0.333	9
1372872	Soil Pulp	5.0	15.7	20.6	67	1.0	8.2	1.4	28	1.29	17.3	1.2	0.4	52	0.2	2.9	0.3	67	0.01	0.036	5
1372873	Soil Pulp	7.6	17.5	17.8	108	1.4	14.3	2.0	50	2.02	23.5	2.5	0.6	52	0.5	3.6	0.4	134	0.03	0.119	10
1372874	Soil Pulp	5.4	21.6	10.6	103	0.7	16.8	3.4	104	2.27	21.9	6.9	1.9	27	0.3	2.8	0.2	111	0.03	0.069	10
1372875	Soil Pulp	8.2	34.5	11.5	114	1.3	18.3	2.2	62	1.80	21.8	8.0	0.2	58	0.7	5.4	0.3	168	0.12	0.141	10
1372876	Soil Pulp	10.2	32.3	11.0	179	5.3	31.1	3.7	66	2.80	31.9	4.5	0.5	61	1.1	6.1	0.6	156	0.10	0.298	8
1372877	Soil Pulp	12.4	71.5	13.5	181	2.9	32.0	4.0	130	2.37	33.3	6.5	0.3	106	2.1	6.9	0.2	199	0.20	0.293	9
1372878	Soil Pulp	8.8	46.3	10.9	139	2.3	23.3	2.9	54	1.75	22.7	8.1	0.1	53	1.3	5.5	0.2	103	0.06	0.128	8
1372879	Soil Pulp	4.7	29.5	9.6	77	3.3	15.5	2.3	43	1.19	14.6	4.5	<0.1	42	0.9	2.7	0.1	65	0.10	0.102	5
1372880	Soil Pulp	4.8	32.0	12.1	84	3.6	16.7	2.3	50	1.18	12.0	11.8	<0.1	44	1.0	2.5	0.2	66	0.07	0.153	5
1372881	Soil Pulp	8.9	43.5	11.7	189	0.8	30.3	5.7	154	2.82	41.0	8.1	1.7	38	0.6	5.5	0.2	183	0.05	0.136	11
1372882	Soil Pulp	10.2	44.7	12.0	137	1.2	22.5	4.5	132	2.11	40.2	6.8	0.6	52	1.4	5.7	0.2	183	0.15	0.161	11
1372883	Soil Pulp	5.6	59.4	10.8	250	0.9	40.3	7.9	319	2.30	28.8	9.2	3.2	55	2.2	4.6	0.2	98	0.27	0.161	15
1372884	Soil Pulp	8.2	20.7	11.4	93	4.1	11.2	1.4	24	1.09	9.3	0.9	<0.1	35	0.7	3.2	0.2	96	0.02	0.059	7
1372885	Soil Pulp	6.9	27.4	13.0	209	2.3	26.8	4.4	101	2.98	49.7	11.4	0.8	45	1.7	5.3	0.3	139	0.15	0.301	13
1372886	Soil Pulp	43.0	29.0	15.2	88	3.4	9.5	1.2	18	1.34	28.1	<0.5	<0.1	60	2.4	7.4	0.2	233	0.05	0.057	6
1372887	Soil Pulp	5.9	14.4	7.4	76	1.7	7.1	1.0	17	0.77	6.8	<0.5	<0.1	23	1.4	2.1	0.1	50	0.02	0.036	5
1372888	Soil Pulp	9.7	21.1	12.3	138	2.3	15.6	2.1	40	1.82	21.1	2.4	0.1	55	1.1	5.2	0.2	140	0.13	0.204	7
1372889	Soil Pulp	11.1	17.7	9.8	88	4.0	9.1	1.0	19	0.93	9.3	<0.5	0.1	34	0.8	3.9	0.1	118	0.02	0.036	6

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Project: CCJV
Report Date: September 18, 2011

CERTIFICATE OF ANALYSIS VAN11004066.1

	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
1371190	Soil Pulp	15	0.05	449	0.003	4	0.74	0.003	0.19	<0.1	0.03	1.4	0.7	0.20	3	2.5	<0.2
1371191	Soil Pulp	16	0.04	595	0.002	6	0.74	0.004	0.16	<0.1	0.02	1.1	0.3	0.08	3	1.3	<0.2
1371192	Soil Pulp	47	0.09	84	0.003	5	1.21	0.008	0.46	0.1	0.89	3.8	1.8	1.41	6	25.1	1.0
1371193	Soil Pulp	31	0.25	603	0.012	3	1.54	0.006	0.11	0.3	0.42	1.8	0.6	0.10	5	3.9	<0.2
1371251	Soil Pulp	14	0.13	203	0.004	3	0.75	0.005	0.11	0.1	0.18	1.2	0.2	<0.05	4	0.6	<0.2
1372865	Soil Pulp	23	0.16	504	0.004	3	0.88	0.004	0.13	0.1	0.70	0.8	0.7	0.22	3	6.7	0.2
1372866	Soil Pulp	11	0.02	305	0.005	4	0.20	0.003	0.20	0.2	1.36	0.3	0.6	0.43	2	7.8	<0.2
1372867	Soil Pulp	8	0.05	436	0.006	4	0.70	0.014	0.10	<0.1	0.11	1.9	0.2	<0.05	2	1.2	<0.2
1372868	Soil Pulp	13	0.05	625	0.004	5	0.74	0.010	0.18	<0.1	0.12	2.0	0.7	0.26	3	3.9	<0.2
1372869	Soil Pulp	7	0.03	121	0.003	4	0.38	0.004	0.07	<0.1	0.03	0.8	0.2	0.05	2	1.1	<0.2
1372870	Soil Pulp	13	0.05	404	0.005	2	0.59	0.002	0.08	0.1	0.07	1.0	0.4	0.08	4	2.1	<0.2
1372871	Soil Pulp	33	0.12	645	0.006	5	1.18	0.005	0.13	0.2	0.17	1.2	0.6	0.07	6	3.3	0.2
1372872	Soil Pulp	8	0.01	323	0.005	3	0.25	0.003	0.08	0.1	0.04	0.4	0.4	0.19	2	2.5	<0.2
1372873	Soil Pulp	19	0.07	421	0.008	3	0.67	0.003	0.10	0.2	0.10	0.8	0.5	0.14	5	4.2	<0.2
1372874	Soil Pulp	23	0.18	322	0.007	2	1.19	0.005	0.06	0.2	0.10	1.1	0.3	<0.05	4	2.2	<0.2
1372875	Soil Pulp	24	0.21	852	0.005	4	0.78	0.004	0.09	0.2	0.31	0.3	0.4	0.11	4	4.0	<0.2
1372876	Soil Pulp	30	0.12	927	0.007	3	0.93	0.002	0.08	0.4	0.48	0.9	0.4	0.11	4	4.5	<0.2
1372877	Soil Pulp	31	0.15	885	0.005	4	0.85	0.004	0.11	0.3	0.69	0.7	0.7	0.20	3	7.8	<0.2
1372878	Soil Pulp	18	0.13	773	0.002	3	0.63	0.003	0.08	0.2	0.44	0.2	0.4	0.09	3	3.3	<0.2
1372879	Soil Pulp	13	0.09	1121	0.002	4	0.45	0.007	0.06	0.1	0.32	0.2	0.3	0.07	2	2.1	<0.2
1372880	Soil Pulp	18	0.06	754	<0.001	3	0.78	0.009	0.08	0.1	0.87	<0.1	0.4	0.11	3	2.4	<0.2
1372881	Soil Pulp	27	0.23	353	0.008	3	0.99	0.002	0.08	0.2	0.32	1.5	0.3	0.06	4	3.2	<0.2
1372882	Soil Pulp	20	0.18	849	0.006	3	0.68	0.002	0.08	0.2	0.30	0.9	0.3	<0.05	3	3.2	<0.2
1372883	Soil Pulp	21	0.32	1084	0.014	3	0.89	0.003	0.09	0.2	0.40	2.0	0.3	<0.05	3	1.9	<0.2
1372884	Soil Pulp	15	0.02	403	0.005	2	0.47	0.005	0.06	0.1	0.14	0.2	0.4	0.07	4	3.7	<0.2
1372885	Soil Pulp	26	0.30	533	0.007	3	1.05	0.004	0.13	0.3	0.14	1.0	0.3	<0.05	4	2.1	<0.2
1372886	Soil Pulp	20	0.02	456	0.004	3	0.36	0.007	0.11	0.2	0.16	0.2	2.5	0.24	3	9.9	0.2
1372887	Soil Pulp	8	0.01	278	0.003	1	0.25	0.006	0.05	<0.1	0.08	0.1	0.3	0.07	2	2.0	<0.2
1372888	Soil Pulp	22	0.07	722	0.006	3	0.55	0.003	0.08	0.2	0.11	0.4	0.6	0.08	4	4.1	<0.2
1372889	Soil Pulp	18	0.02	305	0.005	2	0.26	0.003	0.06	0.1	0.12	0.2	0.6	0.09	3	4.8	<0.2

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Project: CCJV
Report Date: September 18, 2011

CERTIFICATE OF ANALYSIS VAN11004066.1

	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
1372890	Soil Pulp	2.4	44.4	17.7	109	0.2	32.0	14.0	1138	3.03	10.7	2.0	3.1	16	0.4	1.1	0.3	35	0.08	0.059	9
1372891	Soil Pulp	7.1	73.6	14.0	173	0.6	53.1	15.1	850	3.12	12.3	10.5	2.2	16	0.6	2.2	0.3	43	0.13	0.039	7
1372892	Soil Pulp	3.2	34.2	7.6	104	<0.1	13.3	4.4	116	2.36	9.1	1.8	1.9	6	0.2	1.4	0.3	71	<0.01	0.031	9
1372893	Soil Pulp	5.7	26.2	7.0	108	0.4	17.1	5.0	178	1.59	5.9	5.7	1.1	9	0.5	1.7	0.2	50	0.02	0.046	5
1372894	Soil Pulp	5.3	59.7	13.5	163	0.4	38.8	15.0	621	3.07	8.0	13.9	2.2	17	1.3	1.8	0.3	49	0.05	0.053	8
1372895	Soil Pulp	7.1	63.4	14.7	172	0.1	26.3	9.7	644	3.56	14.0	9.3	1.7	9	0.2	2.6	0.3	74	<0.01	0.044	5
1372896	Soil Pulp	14.4	98.6	12.4	378	1.4	46.8	5.9	235	2.52	23.2	4.0	2.3	17	1.7	7.9	0.2	270	0.02	0.059	9
1372897	Soil Pulp	6.2	65.0	15.0	168	0.4	36.6	12.0	509	3.39	11.3	10.5	2.7	12	0.5	2.2	0.3	58	0.02	0.038	8
1372898	Soil Pulp	11.1	37.3	11.1	126	1.0	20.7	3.5	182	1.47	13.0	10.7	0.9	21	0.9	2.1	0.2	117	0.08	0.078	6
1372899	Soil Pulp	2.7	32.5	9.1	67	0.1	15.9	4.5	168	1.65	10.1	3.4	0.6	13	0.2	1.0	0.2	52	0.02	0.068	6
1372900	Soil Pulp	4.0	35.4	11.0	75	0.2	22.1	9.3	629	1.95	7.5	5.6	3.6	35	0.3	0.7	0.1	34	0.24	0.084	12
1372951	Soil Pulp	4.7	19.7	9.0	59	2.4	11.2	2.5	75	1.38	13.5	1.6	0.2	11	0.2	3.1	0.2	51	0.02	0.070	7
1372952	Soil Pulp	4.4	45.1	12.7	160	2.9	55.9	4.1	237	1.54	15.3	5.9	0.6	41	3.2	2.8	0.2	51	0.24	0.080	6
1372955	Soil Pulp	2.9	26.0	8.9	67	0.9	18.2	4.0	109	1.39	8.3	3.8	0.9	16	0.4	1.4	0.2	32	0.08	0.079	4
1372956	Soil Pulp	2.6	19.8	5.8	44	0.5	10.9	2.5	48	0.98	11.4	1.7	0.4	9	0.2	2.1	0.1	25	0.02	0.054	2
1372957	Soil Pulp	4.6	35.6	10.8	92	0.4	19.4	5.1	86	1.95	22.2	3.1	0.9	18	0.3	3.9	0.2	31	0.01	0.055	3
1372958	Soil Pulp	3.4	41.0	17.7	117	0.5	22.8	7.2	155	2.77	17.7	1.7	2.1	19	0.4	2.0	0.3	22	0.04	0.071	2
1372959	Soil Pulp	5.1	38.5	17.4	142	0.4	26.5	9.2	301	2.78	18.0	1.4	2.1	21	0.6	3.0	0.3	25	0.05	0.072	3
1372960	Soil Pulp	6.6	30.5	13.7	81	0.6	15.6	5.9	64	1.55	12.4	1.4	0.9	20	<0.1	2.3	0.2	35	0.01	0.048	3
1372961	Soil Pulp	9.2	37.5	7.6	49	0.4	10.3	2.9	38	1.07	13.5	1.1	0.3	20	<0.1	3.1	0.1	38	0.01	0.044	3
1372962	Soil Pulp	13.8	24.2	19.9	19	0.5	4.5	1.3	35	1.33	24.2	1.7	0.7	27	<0.1	9.7	0.3	29	<0.01	0.035	2
1372963	Soil Pulp	3.5	87.3	15.5	90	0.2	29.5	8.1	107	2.93	43.0	5.3	0.9	9	<0.1	4.6	0.4	59	<0.01	0.051	4
1372964	Soil Pulp	4.6	69.8	8.1	89	<0.1	15.6	4.1	55	2.48	33.7	2.1	0.9	11	<0.1	7.8	0.2	59	<0.01	0.036	6
1372965	Soil Pulp	4.5	30.3	11.6	76	0.5	14.9	3.4	66	2.01	16.2	3.8	0.7	20	<0.1	3.2	0.2	54	0.01	0.072	7

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	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
1372890	Soil Pulp	20	0.32	464	0.005	3	1.05	0.004	0.11	<0.1	0.23	2.4	0.1	<0.05	3	0.9	<0.2
1372891	Soil Pulp	18	0.42	458	0.005	3	1.03	0.004	0.13	<0.1	0.45	2.2	0.3	<0.05	4	1.4	<0.2
1372892	Soil Pulp	11	0.06	99	0.004	3	0.76	0.002	0.07	<0.1	0.07	1.0	0.1	<0.05	7	0.9	<0.2
1372893	Soil Pulp	11	0.13	187	0.004	2	0.60	0.006	0.08	<0.1	0.28	1.1	0.2	<0.05	3	0.8	<0.2
1372894	Soil Pulp	17	0.28	419	0.004	3	0.93	0.002	0.13	<0.1	0.41	2.3	0.2	<0.05	3	1.7	<0.2
1372895	Soil Pulp	16	0.13	180	0.002	3	1.02	0.003	0.08	<0.1	0.20	1.6	0.2	<0.05	3	1.6	<0.2
1372896	Soil Pulp	18	0.16	354	0.004	4	0.67	0.002	0.08	<0.1	0.60	1.9	0.3	<0.05	3	2.5	<0.2
1372897	Soil Pulp	17	0.23	297	0.003	3	0.96	0.002	0.09	<0.1	0.25	2.2	0.2	<0.05	3	1.3	<0.2
1372898	Soil Pulp	15	0.15	354	0.002	3	0.87	0.006	0.10	<0.1	0.92	1.3	0.6	0.05	4	1.2	<0.2
1372899	Soil Pulp	16	0.19	225	0.003	4	0.91	0.005	0.07	0.1	0.09	0.7	0.1	<0.05	4	0.6	<0.2
1372900	Soil Pulp	17	0.85	231	0.004	3	1.40	0.007	0.10	<0.1	0.22	2.1	0.1	<0.05	4	0.7	<0.2
1372951	Soil Pulp	11	0.08	640	0.004	3	0.61	0.005	0.06	0.1	0.17	0.3	0.2	0.06	3	1.1	<0.2
1372952	Soil Pulp	16	0.19	973	0.003	3	0.96	0.009	0.08	<0.1	1.24	1.7	0.4	0.07	3	1.9	<0.2
1372955	Soil Pulp	13	0.07	831	0.001	4	0.92	0.006	0.07	<0.1	0.30	1.6	0.2	0.06	3	1.0	<0.2
1372956	Soil Pulp	10	0.04	1194	0.003	3	0.52	0.009	0.06	<0.1	0.28	0.8	0.1	0.06	2	0.6	<0.2
1372957	Soil Pulp	12	0.07	2400	0.001	4	0.57	0.003	0.09	<0.1	0.30	1.8	0.2	0.08	2	1.8	<0.2
1372958	Soil Pulp	10	0.09	1809	<0.001	5	0.72	0.004	0.11	<0.1	0.19	2.8	0.1	0.07	2	2.3	<0.2
1372959	Soil Pulp	12	0.12	1266	0.001	4	0.72	0.005	0.10	<0.1	0.15	2.4	0.2	0.08	2	2.6	<0.2
1372960	Soil Pulp	8	0.03	344	0.001	4	0.50	0.003	0.09	<0.1	0.08	1.2	0.3	0.08	3	1.5	<0.2
1372961	Soil Pulp	9	0.02	280	0.002	2	0.32	0.005	0.06	<0.1	0.05	0.7	0.2	0.06	3	1.2	<0.2
1372962	Soil Pulp	9	0.03	393	<0.001	3	0.47	0.003	0.10	<0.1	0.23	1.1	0.9	0.15	3	2.0	<0.2
1372963	Soil Pulp	14	0.04	1808	0.002	2	0.67	0.003	0.04	0.1	0.09	1.9	0.2	<0.05	4	1.6	<0.2
1372964	Soil Pulp	13	0.02	237	0.003	3	0.40	0.003	0.05	<0.1	0.03	1.5	<0.1	<0.05	4	1.1	<0.2
1372965	Soil Pulp	15	0.12	939	0.003	3	0.70	0.004	0.07	<0.1	0.10	1.0	0.2	0.07	3	1.9	<0.2

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Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Carlin Gold Corporation**
320 - 800 West Pender Street
Vancouver BC V6C 2V6 Canada

Project: CCJV
Report Date: September 18, 2011

QUALITY CONTROL REPORT VAN11004066.1

	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																					
1370645	Soil Pulp	3.7	42.5	13.8	26	1.0	14.3	2.5	384	0.93	15.2	7.0	0.3	39	0.3	1.3	0.3	62	0.10	0.064	5
REP 1370645	QC	3.8	42.3	13.8	25	1.0	14.0	2.6	390	0.93	14.6	8.0	0.3	37	0.4	1.4	0.3	60	0.10	0.063	4
1371090	Soil Pulp	4.6	13.7	3.4	36	<0.1	4.6	1.1	32	1.71	10.5	<0.5	0.5	13	<0.1	1.8	0.1	88	<0.01	0.033	6
REP 1371090	QC	5.0	13.3	3.4	36	0.1	4.8	1.2	32	1.71	10.4	1.8	0.4	13	<0.1	1.8	0.1	89	<0.01	0.033	6
1371176	Soil Pulp	5.3	26.0	17.3	125	0.7	20.0	4.1	96	2.21	28.3	1.0	0.5	24	0.3	3.0	0.3	88	0.01	0.078	12
REP 1371176	QC	5.2	24.9	17.1	127	0.7	20.2	4.0	95	2.24	28.2	1.4	0.5	25	0.3	3.1	0.3	89	0.02	0.076	13
1372867	Soil Pulp	2.3	45.4	17.0	107	1.1	20.5	9.9	215	2.12	12.4	2.8	2.4	12	0.3	1.7	0.2	30	0.03	0.059	2
REP 1372867	QC	2.2	43.8	16.8	108	1.1	21.0	9.8	210	2.08	12.3	2.9	2.7	12	0.3	1.6	0.2	29	0.03	0.061	2
1372883	Soil Pulp	5.6	59.4	10.8	250	0.9	40.3	7.9	319	2.30	28.8	9.2	3.2	55	2.2	4.6	0.2	98	0.27	0.161	15
REP 1372883	QC	6.0	61.3	11.0	265	0.9	42.2	8.3	327	2.37	30.1	7.6	3.1	55	2.0	4.7	0.2	101	0.26	0.156	15
1372894	Soil Pulp	5.3	59.7	13.5	163	0.4	38.8	15.0	621	3.07	8.0	13.9	2.2	17	1.3	1.8	0.3	49	0.05	0.053	8
REP 1372894	QC	5.1	59.2	12.8	156	0.4	38.8	15.1	599	2.99	8.0	12.5	2.2	17	1.2	1.9	0.2	49	0.05	0.056	8
1372960	Soil Pulp	6.6	30.5	13.7	81	0.6	15.6	5.9	64	1.55	12.4	1.4	0.9	20	<0.1	2.3	0.2	35	0.01	0.048	3
REP 1372960	QC	6.3	29.5	13.2	78	0.5	15.2	5.9	60	1.50	11.4	1.6	0.8	19	<0.1	2.5	0.2	34	0.01	0.046	3
Reference Materials																					
STD DS8	Standard	14.1	113.3	134.1	308	1.8	40.3	8.0	612	2.43	23.9	110.0	7.4	60	2.3	5.2	6.6	46	0.70	0.080	15
STD DS8	Standard	14.2	108.6	129.5	318	1.9	38.4	7.7	624	2.49	25.5	122.0	7.5	71	2.4	5.9	6.7	43	0.72	0.081	16
STD DS8	Standard	13.1	104.2	121.0	307	1.8	37.0	7.2	620	2.53	23.4	125.1	6.1	65	2.2	5.4	6.1	39	0.68	0.080	16
STD DS8	Standard	12.1	96.2	118.4	294	1.7	35.9	7.1	577	2.41	24.0	114.0	6.2	59	2.4	5.3	6.5	40	0.66	0.073	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
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
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Project: CCJV
Report Date: September 18, 2011

QUALITY CONTROL REPORT VAN11004066.1

	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																	
1370645	Soil Pulp	23	0.05	409	0.003	2	0.42	0.007	0.09	<0.1	1.30	1.1	0.2	0.08	4	1.4	<0.2
REP 1370645	QC	23	0.05	399	0.002	3	0.41	0.005	0.08	<0.1	1.27	1.1	0.2	0.07	4	1.7	<0.2
1371090	Soil Pulp	10	0.03	516	0.010	3	0.44	0.002	0.06	0.1	0.03	0.7	<0.1	<0.05	5	<0.5	<0.2
REP 1371090	QC	10	0.02	478	0.008	3	0.42	0.002	0.06	0.1	0.03	0.5	<0.1	<0.05	5	<0.5	<0.2
1371176	Soil Pulp	14	0.08	195	0.005	2	0.75	0.003	0.09	0.2	0.04	0.7	0.3	0.05	5	1.8	<0.2
REP 1371176	QC	15	0.08	205	0.005	3	0.74	0.003	0.09	0.2	0.05	0.8	0.3	0.05	5	1.7	<0.2
1372867	Soil Pulp	8	0.05	436	0.006	4	0.70	0.014	0.10	<0.1	0.11	1.9	0.2	<0.05	2	1.2	<0.2
REP 1372867	QC	7	0.05	421	0.005	4	0.67	0.014	0.09	<0.1	0.11	1.9	0.2	<0.05	2	1.0	<0.2
1372883	Soil Pulp	21	0.32	1084	0.014	3	0.89	0.003	0.09	0.2	0.40	2.0	0.3	<0.05	3	1.9	<0.2
REP 1372883	QC	23	0.31	1063	0.015	3	0.88	0.003	0.10	0.3	0.42	2.1	0.3	<0.05	3	2.0	<0.2
1372894	Soil Pulp	17	0.28	419	0.004	3	0.93	0.002	0.13	<0.1	0.41	2.3	0.2	<0.05	3	1.7	<0.2
REP 1372894	QC	16	0.30	412	0.004	4	0.94	0.002	0.13	<0.1	0.41	2.3	0.2	<0.05	3	1.4	<0.2
1372960	Soil Pulp	8	0.03	344	0.001	4	0.50	0.003	0.09	<0.1	0.08	1.2	0.3	0.08	3	1.5	<0.2
REP 1372960	QC	8	0.03	350	0.001	5	0.50	0.003	0.09	<0.1	0.09	1.2	0.3	0.07	3	1.5	<0.2
Reference Materials																	
STD DS8	Standard	126	0.63	275	0.114	3	0.89	0.080	0.39	3.0	0.20	1.9	5.4	0.17	5	5.6	5.3
STD DS8	Standard	118	0.62	283	0.124	3	0.94	0.096	0.43	2.9	0.18	2.4	5.4	0.10	5	6.5	5.3
STD DS8	Standard	111	0.60	264	0.107	3	0.91	0.088	0.41	3.0	0.19	2.0	5.5	0.14	5	5.5	4.9
STD DS8	Standard	110	0.59	276	0.094	3	0.86	0.084	0.40	2.9	0.19	1.5	5.2	0.17	4	4.7	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
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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Client: **Carlin Gold Corporation**
320 - 800 West Pender Street
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Submitted By: Confirmation Email List
Receiving Lab: Canada-Vancouver
Received: August 20, 2011
Report Date: September 20, 2011
Page: 1 of 7

CERTIFICATE OF ANALYSIS VAN11004100.1

CLIENT JOB INFORMATION

Project: CCJV
Shipment ID:
P.O. Number STAN-05
Number of Samples: 176

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
No Prep	176	Sorting of samples on arrival and labeling			VAN
1DX2	176	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

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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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Vancouver BC V6C 2V6 Canada

Project: CCJV
Report Date: September 20, 2011

CERTIFICATE OF ANALYSIS VAN11004100.1

	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
1180825	Soil Pulp	82.6	86.8	10.7	191	1.9	33.2	2.5	112	8.05	253.9	9.4	1.8	107	4.8	16.3	<0.1	750	0.29	1.912	6
1180826	Soil Pulp	210.7	55.9	6.7	75	1.8	12.6	1.0	39	12.08	425.1	8.2	1.0	64	1.5	30.1	<0.1	1212	0.16	3.206	4
1180827	Soil Pulp	31.4	57.5	11.5	528	1.7	80.6	15.3	795	2.98	64.8	7.7	1.9	73	5.0	8.8	<0.1	294	0.30	0.847	11
1180828	Soil Pulp	14.0	53.5	12.2	281	1.3	53.4	6.5	307	2.01	18.9	5.2	0.5	77	3.0	7.0	<0.1	131	0.33	0.327	12
1180903	Soil Pulp	8.6	111.0	8.3	2418	0.6	218.5	4.8	169	1.89	15.2	2.2	<0.1	98	16.8	5.1	<0.1	67	0.87	0.186	11
1180904	Soil Pulp	8.6	150.8	8.6	2538	1.9	320.9	7.7	281	2.07	11.9	4.9	0.3	95	33.4	4.9	<0.1	59	1.06	0.183	9
1180905	Soil Pulp	9.0	102.7	19.2	178	0.5	56.0	20.5	874	4.39	28.3	5.7	2.4	104	2.3	4.1	<0.1	29	0.56	0.165	20
1180906	Soil Pulp	6.7	75.4	26.0	132	0.5	38.9	11.4	2536	3.39	36.9	7.8	0.5	124	0.9	4.6	<0.1	37	0.40	0.243	17
1180907	Soil Pulp	5.2	66.3	15.3	188	0.4	53.1	16.0	894	3.69	17.4	4.1	0.7	69	1.6	2.9	<0.1	32	0.50	0.162	18
1180908	Soil Pulp	4.7	78.5	17.3	193	0.4	50.4	20.4	729	4.31	17.6	3.9	3.3	84	1.5	2.9	<0.1	31	0.52	0.174	21
1180909	Soil Pulp	14.2	107.9	19.2	502	1.0	144.1	13.2	1101	3.50	18.9	11.6	1.0	112	7.8	5.4	<0.1	75	0.71	0.167	14
1180910	Soil Pulp	8.2	74.6	20.1	223	1.5	71.7	6.0	463	2.45	14.9	14.5	0.7	107	2.1	3.8	<0.1	75	0.49	0.236	12
1180911	Soil Pulp	14.9	99.3	13.3	1382	2.0	227.3	16.8	2837	2.32	35.4	10.9	0.3	89	22.3	5.5	<0.1	131	0.50	0.234	15
1181357	Soil Pulp	64.3	30.3	8.8	100	0.4	12.9	2.4	77	15.43	34.9	1.1	0.7	31	0.4	9.4	<0.1	217	0.05	0.133	<1
1181358	Soil Pulp	52.7	226.7	18.1	218	9.1	48.4	2.6	69	4.11	100.9	7.6	0.6	118	4.0	32.7	<0.1	602	0.25	0.634	5
1181359	Soil Pulp	36.7	122.1	15.2	38	10.5	22.8	0.5	19	2.43	23.6	5.4	<0.1	195	3.6	11.3	<0.1	374	0.22	0.749	7
1181360	Soil Pulp	64.6	152.8	18.1	41	11.6	29.9	0.8	31	3.68	55.5	4.8	1.1	273	2.1	22.4	<0.1	803	0.39	1.127	10
1181361	Soil Pulp	10.7	77.7	12.0	1206	1.2	155.1	8.9	538	2.25	19.4	5.1	0.6	74	10.4	5.1	<0.1	165	0.52	0.218	14
1181362	Soil Pulp	27.9	158.5	13.0	309	2.4	43.2	2.9	100	1.71	27.8	4.0	0.5	73	6.4	14.6	<0.1	206	0.07	0.142	8
1181363	Soil Pulp	55.0	121.8	13.0	2480	1.7	323.3	10.2	>10000	2.85	25.1	8.0	1.6	100	36.6	11.1	<0.1	194	0.67	0.175	12
1181364	Soil Pulp	8.7	68.9	12.5	63	2.8	24.5	1.2	158	1.26	10.1	5.9	0.4	81	1.3	6.2	<0.1	198	0.18	0.113	15
1181365	Soil Pulp	6.3	85.8	13.7	314	1.0	59.6	8.9	453	2.76	16.2	8.8	1.5	96	3.5	3.1	<0.1	76	0.70	0.175	14
1181366	Soil Pulp	10.7	71.9	12.2	588	1.2	89.2	12.9	931	2.07	7.9	12.0	0.4	83	9.2	4.1	<0.1	91	0.82	0.170	8
1181367	Soil Pulp	24.2	125.6	13.2	1174	1.6	178.3	12.7	1808	2.45	21.9	4.9	1.3	93	15.0	12.3	<0.1	353	0.58	0.154	17
1181368	Soil Pulp	11.7	80.0	10.3	630	1.0	90.0	9.5	829	2.13	11.0	8.0	1.2	72	8.0	5.4	<0.1	108	0.48	0.120	13
1181369	Soil Pulp	10.3	88.2	12.3	694	0.9	90.8	12.2	551	2.60	12.7	7.9	2.1	61	5.8	4.6	<0.1	98	0.51	0.109	14
1182913	Soil Pulp	157.9	24.4	0.6	68	2.1	16.9	1.0	28	20.65	574.6	2.5	0.1	25	3.1	40.2	<0.1	1710	0.09	4.684	<1
1182914	Soil Pulp	119.0	33.8	4.2	22	4.5	4.7	0.8	16	15.23	200.7	6.7	1.0	30	0.1	45.0	<0.1	3621	0.06	2.090	2
1182915	Soil Pulp	255.4	39.9	2.0	15	18.8	5.1	0.5	18	14.18	250.8	3.6	0.7	14	0.2	32.5	<0.1	2578	0.02	4.240	1
1182916	Soil Pulp	9.5	79.7	12.8	977	2.5	180.2	8.4	267	2.15	19.8	4.7	1.5	78	5.7	4.3	<0.1	230	0.68	0.273	16

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Client: **Carlin Gold Corporation**
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Vancouver BC V6C 2V6 Canada

Project: CCJV
Report Date: September 20, 2011

CERTIFICATE OF ANALYSIS VAN11004100.1

	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
1180825	Soil Pulp	31	0.14	848	0.014	5	1.10	0.003	0.14	0.6	1.01	2.5	1.2	0.12	3	14.0	0.3
1180826	Soil Pulp	24	0.06	673	0.018	5	0.58	0.002	0.08	0.5	0.93	1.7	1.1	0.09	2	15.0	<0.2
1180827	Soil Pulp	24	0.27	1479	0.008	3	1.59	0.003	0.11	0.3	0.71	2.5	0.7	<0.05	3	4.3	<0.2
1180828	Soil Pulp	21	0.28	2091	0.007	3	1.00	0.004	0.11	0.2	0.49	1.2	0.5	<0.05	3	4.8	<0.2
1180903	Soil Pulp	16	0.32	577	0.004	5	0.82	0.009	0.07	<0.1	0.71	0.9	0.5	0.08	2	3.8	<0.2
1180904	Soil Pulp	17	0.37	340	0.003	4	0.82	0.006	0.06	<0.1	1.00	1.3	0.6	0.12	2	4.3	<0.2
1180905	Soil Pulp	14	0.41	474	0.002	4	0.86	0.003	0.11	<0.1	0.31	3.8	0.3	0.07	2	2.1	<0.2
1180906	Soil Pulp	16	0.28	635	0.003	3	1.00	0.005	0.15	<0.1	0.38	1.8	0.5	0.13	3	2.4	<0.2
1180907	Soil Pulp	21	0.32	609	0.004	2	0.98	0.005	0.12	<0.1	0.18	2.4	0.3	0.06	3	1.4	<0.2
1180908	Soil Pulp	17	0.44	417	0.004	4	1.10	0.005	0.18	0.1	0.26	4.3	0.2	0.10	3	1.5	<0.2
1180909	Soil Pulp	19	0.36	450	0.003	5	0.87	0.005	0.15	<0.1	0.44	2.3	0.4	0.17	2	5.3	<0.2
1180910	Soil Pulp	18	0.20	764	0.002	4	0.79	0.005	0.13	<0.1	0.71	1.5	0.2	0.20	2	6.4	0.3
1180911	Soil Pulp	23	0.36	1246	0.005	4	1.11	0.005	0.14	0.2	0.53	1.4	0.4	<0.05	3	6.0	<0.2
1181357	Soil Pulp	27	0.03	74	<0.001	6	0.31	0.001	0.14	<0.1	0.31	1.1	0.3	1.45	2	5.6	<0.2
1181358	Soil Pulp	86	0.05	599	0.003	4	0.57	0.004	0.12	0.3	8.26	4.2	1.8	0.30	4	27.6	0.4
1181359	Soil Pulp	90	0.03	775	0.002	7	0.80	0.004	0.13	0.9	2.85	0.3	1.4	0.35	6	29.5	0.5
1181360	Soil Pulp	109	0.04	340	0.010	13	0.79	0.005	0.19	1.5	2.58	4.8	1.2	0.39	8	53.5	0.7
1181361	Soil Pulp	24	0.38	665	0.006	4	0.92	0.005	0.11	0.2	0.52	1.6	0.5	<0.05	3	4.4	<0.2
1181362	Soil Pulp	18	0.07	672	0.002	2	0.56	0.003	0.08	<0.1	0.82	1.2	0.4	<0.05	2	8.1	<0.2
1181363	Soil Pulp	23	0.34	1001	0.005	3	1.00	0.004	0.16	0.1	0.91	3.1	0.8	<0.05	3	4.0	0.2
1181364	Soil Pulp	32	0.07	540	0.002	4	0.38	0.003	0.12	<0.1	1.25	0.7	0.4	0.17	2	3.2	<0.2
1181365	Soil Pulp	22	0.41	522	0.004	5	1.04	0.005	0.15	0.1	0.47	2.5	0.2	0.07	3	2.4	<0.2
1181366	Soil Pulp	19	0.43	515	0.004	4	0.80	0.005	0.13	<0.1	0.38	1.2	0.5	0.16	2	4.1	<0.2
1181367	Soil Pulp	32	0.40	827	0.006	6	0.89	0.004	0.15	<0.1	0.67	2.5	0.6	0.06	3	5.1	<0.2
1181368	Soil Pulp	17	0.36	469	0.004	5	0.84	0.004	0.15	<0.1	0.25	1.7	0.4	0.07	3	3.9	<0.2
1181369	Soil Pulp	19	0.42	439	0.005	6	0.98	0.003	0.17	<0.1	0.34	2.8	0.3	<0.05	3	2.7	<0.2
1182913	Soil Pulp	8	<0.01	197	0.020	<1	0.29	0.002	0.02	0.2	0.74	0.6	0.9	0.28	<1	45.9	<0.2
1182914	Soil Pulp	60	0.03	143	0.012	2	0.27	0.002	0.04	0.3	1.26	1.4	<0.1	0.71	2	43.6	<0.2
1182915	Soil Pulp	28	0.02	273	0.024	1	0.71	0.004	0.04	0.3	0.88	2.4	0.1	0.18	2	23.1	<0.2
1182916	Soil Pulp	51	0.49	546	0.008	4	1.06	0.005	0.13	0.3	0.50	2.5	1.2	<0.05	3	11.4	<0.2

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320 - 800 West Pender Street
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Project: CCJV
Report Date: September 20, 2011

CERTIFICATE OF ANALYSIS VAN11004100.1

	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
1182917	Soil Pulp	36.9	175.8	13.1	44	7.6	23.6	0.4	18	2.36	38.0	4.9	1.2	277	1.3	14.4	<0.1	391	0.32	0.900	8
1182918	Soil Pulp	8.8	63.7	12.5	1440	0.9	164.1	9.3	507	2.41	20.1	4.1	1.5	69	6.2	4.6	<0.1	173	0.49	0.238	15
1182919	Soil Pulp	14.3	77.8	15.4	306	4.3	52.8	30.4	2393	3.24	29.0	7.0	0.6	62	3.2	5.0	<0.1	200	0.27	0.231	11
1182920	Soil Pulp	4.5	69.4	10.1	394	1.3	81.6	11.1	578	2.46	13.3	8.1	2.4	75	4.3	2.2	<0.1	122	0.59	0.169	15
1182921	Soil Pulp	5.5	61.3	7.3	435	0.6	93.8	9.5	1987	2.13	6.7	5.8	1.8	77	4.6	2.0	<0.1	61	0.84	0.118	11
1182922	Soil Pulp	4.8	63.7	10.3	395	0.8	65.8	11.5	1521	3.10	12.1	8.8	3.2	88	2.8	2.7	<0.1	81	0.84	0.173	14
1182923	Soil Pulp	7.1	71.4	13.9	736	2.0	124.6	8.8	816	2.18	181.4	22.6	0.7	87	5.8	4.6	0.3	97	0.54	0.214	10
1182924	Soil Pulp	13.6	94.5	14.0	725	1.1	124.8	10.7	632	2.71	18.4	10.9	1.2	78	6.6	7.2	0.2	112	0.44	0.137	10
1182925	Soil Pulp	9.4	95.6	14.3	1302	1.6	166.7	9.9	625	2.32	15.1	11.4	0.4	90	17.4	5.1	0.3	124	0.63	0.145	10
1182926	Soil Pulp	7.3	151.6	14.8	781	0.7	197.4	10.2	1494	1.86	17.5	7.3	0.3	101	8.9	4.2	0.2	103	1.04	0.165	12
1183559	Soil Pulp	15.7	99.2	14.1	1207	2.1	149.2	20.3	2065	3.32	37.8	7.4	1.5	108	14.3	8.4	0.3	281	0.57	0.318	9
1183929	Soil Pulp	6.4	105.1	19.2	81	1.1	28.0	12.2	1295	3.47	23.9	7.3	0.6	46	0.4	2.5	0.3	96	0.02	0.114	6
1183930	Soil Pulp	4.9	71.9	22.5	111	0.2	22.0	6.2	751	2.91	22.8	4.1	0.3	30	0.2	2.1	0.5	84	0.02	0.155	8
1183931	Soil Pulp	2.2	40.9	10.5	99	0.3	21.2	7.2	433	2.06	8.0	11.3	0.5	29	0.5	0.9	0.2	54	0.07	0.108	9
1183932	Soil Pulp	2.1	29.5	11.1	74	0.1	16.9	6.0	198	1.95	7.6	1.7	1.0	17	0.1	0.8	0.3	36	0.05	0.060	7
1183933	Soil Pulp	2.0	19.7	12.3	70	<0.1	14.2	5.2	158	1.97	8.4	1.5	1.3	12	0.1	0.8	0.3	41	0.04	0.049	9
1183934	Soil Pulp	1.6	27.5	23.0	72	<0.1	20.4	15.6	1173	3.04	10.8	<0.5	2.2	8	<0.1	0.9	0.4	27	0.02	0.063	8
1183935	Soil Pulp	1.5	31.3	27.9	70	<0.1	17.9	12.9	716	2.89	6.6	1.2	2.9	7	<0.1	0.5	0.4	29	0.01	0.052	10
1183936	Soil Pulp	1.3	36.9	39.8	63	0.1	19.4	13.6	696	3.25	7.0	0.6	4.0	16	0.2	0.5	0.5	29	0.09	0.060	11
1183937	Soil Pulp	1.7	34.8	28.4	114	0.7	22.5	9.8	249	2.87	8.1	1.1	4.5	81	<0.1	0.3	0.4	28	0.02	0.110	5
1183938	Soil Pulp	2.2	40.0	16.6	104	0.7	17.6	7.2	168	3.50	8.5	1.5	4.5	55	<0.1	0.6	0.3	25	0.01	0.090	3
1183939	Soil Pulp	1.5	37.3	34.5	142	0.3	38.1	29.2	1073	3.12	9.3	<0.5	3.2	37	0.3	0.4	0.4	18	0.03	0.087	2
1183940	Soil Pulp	13.0	33.5	37.0	139	2.1	36.8	9.1	453	2.78	19.9	8.8	2.2	111	1.8	3.5	0.7	87	0.13	0.150	9
1183941	Soil Pulp	7.8	51.3	19.4	145	0.5	39.2	14.9	436	3.01	15.9	3.0	3.1	44	0.5	2.1	0.4	24	0.07	0.051	6
1183942	Soil Pulp	3.3	49.8	22.5	198	1.1	47.6	17.1	317	3.28	10.1	2.2	3.6	44	1.2	0.8	0.4	23	0.07	0.108	3
1183943	Soil Pulp	6.2	45.9	19.9	102	0.4	19.5	7.3	309	3.11	16.9	3.5	1.2	22	0.3	2.1	0.3	50	0.05	0.151	5
1183944	Soil Pulp	3.3	33.8	5.2	103	0.3	15.6	4.4	49	2.72	13.2	0.7	1.1	20	<0.1	1.4	0.2	60	<0.01	0.031	2
1183945	Soil Pulp	2.9	40.9	13.4	117	0.2	57.7	17.5	797	3.89	75.5	2.9	2.1	65	0.3	4.0	0.3	55	0.58	0.071	13
1183946	Soil Pulp	5.3	31.7	13.7	94	0.1	15.9	5.2	216	2.28	18.5	0.9	1.0	10	0.2	1.5	0.3	65	<0.01	0.074	4
1183947	Soil Pulp	4.8	52.4	12.6	126	0.3	26.4	7.4	255	2.90	11.5	5.9	2.2	36	0.4	1.8	0.2	72	0.10	0.140	11

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Project: CCJV
Report Date: September 20, 2011

CERTIFICATE OF ANALYSIS VAN11004100.1

	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
1182917	Soil Pulp	75	0.04	554	0.007	9	0.67	0.004	0.14	1.3	2.68	4.3	0.9	0.27	6	37.1	0.4
1182918	Soil Pulp	23	0.48	650	0.008	4	1.08	0.005	0.11	0.3	0.27	2.1	0.4	<0.05	3	3.6	<0.2
1182919	Soil Pulp	27	0.26	1150	0.006	2	1.03	0.006	0.11	0.2	0.38	1.5	0.3	0.05	4	4.6	<0.2
1182920	Soil Pulp	25	0.54	1006	0.006	4	1.43	0.007	0.21	0.2	0.44	3.0	0.6	<0.05	4	1.8	<0.2
1182921	Soil Pulp	19	0.52	619	0.007	4	1.20	0.009	0.15	<0.1	0.37	2.5	0.2	<0.05	3	5.0	<0.2
1182922	Soil Pulp	22	0.54	854	0.008	5	1.32	0.007	0.17	0.2	0.35	3.0	0.2	0.05	4	5.8	<0.2
1182923	Soil Pulp	22	0.37	1077	0.006	5	1.46	0.012	0.12	0.1	1.10	1.4	0.4	0.09	4	3.2	<0.2
1182924	Soil Pulp	19	0.39	641	0.006	6	0.98	0.005	0.16	0.2	0.46	2.1	0.4	0.12	3	3.7	<0.2
1182925	Soil Pulp	21	0.40	753	0.005	7	1.04	0.007	0.14	<0.1	0.63	1.4	0.5	0.17	3	2.7	<0.2
1182926	Soil Pulp	20	0.43	273	0.005	9	0.79	0.009	0.16	0.2	0.38	1.1	0.4	0.32	2	3.4	<0.2
1183559	Soil Pulp	34	0.29	1012	0.007	5	1.11	0.006	0.14	0.3	2.21	2.9	0.6	0.11	3	4.9	0.2
1183929	Soil Pulp	28	0.18	590	0.003	3	0.76	0.005	0.15	<0.1	0.31	1.3	0.2	0.18	4	2.6	0.2
1183930	Soil Pulp	20	0.11	349	0.006	3	0.89	0.004	0.15	<0.1	0.09	0.5	0.2	0.08	6	1.2	<0.2
1183931	Soil Pulp	17	0.22	347	0.008	3	1.20	0.010	0.11	<0.1	0.28	1.3	0.1	0.05	4	0.6	<0.2
1183932	Soil Pulp	18	0.23	292	0.003	4	1.08	0.006	0.14	0.1	0.73	1.2	0.1	<0.05	4	<0.5	<0.2
1183933	Soil Pulp	17	0.23	361	0.004	3	1.25	0.004	0.11	0.2	0.03	1.2	0.2	<0.05	5	<0.5	<0.2
1183934	Soil Pulp	20	0.29	246	0.008	2	1.13	0.005	0.11	0.1	0.05	1.6	0.1	<0.05	4	<0.5	<0.2
1183935	Soil Pulp	20	0.23	410	0.003	3	1.38	0.007	0.13	<0.1	0.05	2.0	0.2	<0.05	5	<0.5	<0.2
1183936	Soil Pulp	20	0.23	464	0.002	3	1.61	0.006	0.16	<0.1	0.04	2.5	0.2	<0.05	6	<0.5	<0.2
1183937	Soil Pulp	20	0.17	821	0.002	9	1.52	0.018	0.20	<0.1	0.07	2.8	0.2	0.19	4	<0.5	<0.2
1183938	Soil Pulp	16	0.18	550	<0.001	5	1.21	0.028	0.16	<0.1	0.14	3.0	0.2	0.28	2	1.2	<0.2
1183939	Soil Pulp	12	0.16	2066	0.001	8	1.06	0.009	0.14	<0.1	0.06	2.5	<0.1	0.08	2	0.6	<0.2
1183940	Soil Pulp	20	0.05	547	0.001	8	0.99	0.022	0.19	<0.1	0.83	2.3	0.9	0.19	2	7.4	0.6
1183941	Soil Pulp	19	0.26	2663	0.002	4	0.99	0.006	0.16	<0.1	0.75	3.1	0.4	<0.05	3	1.1	<0.2
1183942	Soil Pulp	16	0.21	1644	<0.001	4	1.28	0.010	0.13	<0.1	0.23	3.0	0.2	0.09	2	1.6	<0.2
1183943	Soil Pulp	15	0.12	694	0.002	5	0.98	0.008	0.13	<0.1	0.20	1.8	0.2	0.07	4	1.5	<0.2
1183944	Soil Pulp	12	0.05	412	<0.001	6	0.72	0.003	0.12	<0.1	0.11	1.5	0.2	<0.05	4	1.5	<0.2
1183945	Soil Pulp	56	0.50	1406	0.003	3	1.50	0.010	0.10	0.1	0.33	3.6	0.2	<0.05	6	0.8	<0.2
1183946	Soil Pulp	11	0.07	288	0.002	4	0.89	0.004	0.08	<0.1	0.16	1.4	0.2	<0.05	6	0.9	<0.2
1183947	Soil Pulp	28	0.65	399	0.008	4	1.57	0.005	0.19	<0.1	0.17	1.9	0.3	0.06	5	0.8	<0.2

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	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
1183948	Soil Pulp	3.4	27.7	10.3	70	<0.1	15.3	4.8	153	1.79	9.4	1.5	1.0	18	0.1	1.1	0.3	52	0.07	0.056	11
1183949	Soil Pulp	3.8	34.3	11.0	87	<0.1	17.9	5.7	111	2.43	24.9	1.7	1.4	16	<0.1	4.1	0.2	35	0.01	0.046	6
1370628	Soil Pulp	6.4	100.2	19.0	57	0.5	18.7	6.3	314	2.84	24.5	16.9	0.8	66	0.1	2.2	0.3	116	0.05	0.130	9
1370629	Soil Pulp	6.8	62.5	16.4	111	0.4	17.2	10.6	952	3.11	18.1	5.4	0.8	119	0.7	2.2	0.3	109	0.62	0.120	9
1370630	Soil Pulp	2.7	46.0	17.5	87	0.2	16.1	9.3	558	3.06	10.6	2.2	0.9	12	<0.1	0.9	0.5	55	0.01	0.076	5
1370631	Soil Pulp	1.8	43.8	17.1	95	<0.1	31.7	13.9	950	3.08	7.6	1.2	3.6	24	0.1	0.7	0.4	36	0.21	0.046	9
1370632	Soil Pulp	1.3	28.6	26.7	86	<0.1	23.6	15.0	1145	3.02	6.1	1.2	5.5	9	<0.1	0.5	0.3	26	0.06	0.048	13
1370633	Soil Pulp	0.6	25.5	13.4	60	<0.1	15.3	7.5	269	2.01	5.0	<0.5	2.3	25	<0.1	0.2	0.3	14	0.42	0.032	7
1370634	Soil Pulp	0.7	8.2	4.6	12	0.1	3.4	1.0	32	0.55	1.0	1.5	0.2	8	<0.1	0.2	<0.1	14	0.05	0.040	3
1370635	Soil Pulp	0.3	12.1	8.6	27	<0.1	6.1	3.2	346	1.03	1.8	1.6	0.8	24	<0.1	0.2	0.1	14	0.56	0.044	8
1370636	Soil Pulp	1.2	31.1	14.0	36	0.4	11.0	4.0	455	1.79	7.0	2.3	1.6	39	<0.1	0.2	0.3	15	0.27	0.052	5
1370637	Soil Pulp	1.5	50.9	48.3	73	<0.1	22.9	22.7	1422	3.83	17.6	0.6	3.8	15	<0.1	0.6	0.6	16	0.02	0.032	4
1370930	Soil Pulp	3.4	17.4	7.6	45	0.5	7.4	1.5	42	0.90	8.8	1.7	<0.1	13	0.4	1.7	0.3	74	0.02	0.069	13
1370931	Soil Pulp	6.2	62.9	9.6	235	0.9	38.1	4.6	145	2.08	17.8	6.2	2.3	53	1.6	5.3	0.3	192	0.32	0.217	15
1370932	Soil Pulp	4.2	23.5	10.9	24	0.9	4.8	0.8	20	0.50	3.8	3.0	<0.1	41	0.4	1.4	0.3	52	0.02	0.030	12
1370933	Soil Pulp	4.7	6.6	10.9	15	2.7	2.3	0.4	9	0.49	4.2	2.0	<0.1	20	<0.1	2.4	0.2	46	<0.01	0.038	3
1370934	Soil Pulp	6.4	13.4	11.5	25	0.5	3.5	0.8	18	0.57	8.6	3.2	<0.1	37	0.2	2.7	0.3	60	0.01	0.037	11
1370935	Soil Pulp	5.3	13.5	6.7	59	0.9	8.6	1.3	33	0.86	13.6	1.6	0.1	24	1.2	3.0	0.1	81	0.03	0.084	5
1370936	Soil Pulp	2.4	12.5	3.9	27	0.4	4.4	1.1	25	0.50	2.6	1.8	<0.1	9	0.2	1.1	<0.1	39	0.01	0.019	6
1370937	Soil Pulp	6.3	53.0	10.0	216	0.5	31.0	5.4	238	2.19	22.8	7.5	1.4	42	1.3	4.6	0.3	137	0.18	0.199	12
1370938	Soil Pulp	1.7	10.2	3.2	15	0.8	2.9	0.6	13	0.38	2.1	0.7	<0.1	10	0.7	0.6	<0.1	27	0.01	0.068	3
1370939	Soil Pulp	8.0	25.1	11.5	61	0.8	9.7	1.5	36	1.12	12.3	1.7	<0.1	28	0.8	3.9	0.3	87	0.03	0.044	8
1370940	Soil Pulp	8.0	30.7	11.6	45	2.1	7.2	1.4	25	1.20	11.8	3.3	0.3	33	0.3	3.6	0.2	85	0.02	0.089	6
1370941	Soil Pulp	8.1	24.3	8.6	42	2.9	8.0	1.3	26	0.93	9.5	1.1	<0.1	21	0.8	2.8	0.2	69	<0.01	0.060	7
1370942	Soil Pulp	8.6	24.3	16.3	23	1.2	4.6	0.7	15	0.91	5.2	1.5	0.3	100	0.3	2.3	0.3	58	0.03	0.079	3
1370943	Soil Pulp	6.6	30.0	10.5	68	0.8	9.4	2.1	49	1.38	46.7	1.8	0.2	26	1.0	2.7	0.2	54	0.02	0.087	10
1370944	Soil Pulp	9.2	33.4	12.7	104	1.1	17.9	3.2	86	2.23	176.4	5.2	2.2	49	0.7	6.7	0.3	138	0.13	0.146	12
1370945	Soil Pulp	6.3	40.9	8.3	57	1.5	12.3	1.9	45	1.50	12.1	3.1	0.3	15	0.7	2.7	0.2	113	0.02	0.162	13
1370946	Soil Pulp	10.7	47.6	7.7	64	3.6	18.0	2.2	70	1.40	18.3	8.0	0.4	82	1.5	6.7	0.2	216	0.25	0.277	9
1370947	Soil Pulp	5.3	31.8	6.9	57	1.9	12.0	1.8	48	1.29	10.9	5.5	0.2	32	0.5	3.3	0.2	95	0.07	0.183	7

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

Project: CCJV
Report Date: September 20, 2011

CERTIFICATE OF ANALYSIS VAN11004100.1

	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
1183948	Soil Pulp	17	0.28	422	0.006	2	1.02	0.005	0.13	0.1	0.11	1.2	0.1	<0.05	4	0.6	<0.2
1183949	Soil Pulp	13	0.10	296	0.001	2	0.78	0.004	0.10	0.1	0.16	2.0	0.1	<0.05	3	0.8	<0.2
1370628	Soil Pulp	35	0.20	875	0.003	5	0.92	0.005	0.15	<0.1	0.54	1.8	0.2	0.09	5	3.4	0.2
1370629	Soil Pulp	21	0.50	1028	0.005	5	1.29	0.006	0.18	<0.1	0.20	1.0	0.3	0.06	6	1.7	<0.2
1370630	Soil Pulp	16	0.23	171	0.003	3	1.18	0.006	0.15	<0.1	0.09	1.4	0.2	<0.05	5	0.5	<0.2
1370631	Soil Pulp	27	0.49	533	0.008	3	1.37	0.006	0.17	<0.1	0.07	2.9	0.1	<0.05	5	<0.5	<0.2
1370632	Soil Pulp	21	0.36	164	0.004	3	1.21	0.003	0.14	<0.1	0.08	2.2	0.1	<0.05	4	<0.5	<0.2
1370633	Soil Pulp	9	0.10	499	0.001	2	0.64	0.008	0.11	<0.1	0.21	2.2	<0.1	<0.05	3	<0.5	<0.2
1370634	Soil Pulp	4	0.03	319	0.006	1	0.41	0.017	0.04	<0.1	0.05	0.2	<0.1	<0.05	2	<0.5	<0.2
1370635	Soil Pulp	6	0.08	244	0.007	1	0.85	0.023	0.06	<0.1	0.06	1.2	<0.1	<0.05	3	<0.5	<0.2
1370636	Soil Pulp	11	0.22	367	0.002	3	1.02	0.015	0.11	<0.1	0.16	2.7	0.2	0.07	3	<0.5	<0.2
1370637	Soil Pulp	19	0.27	296	0.002	3	1.26	0.005	0.16	<0.1	0.06	3.6	0.2	0.09	4	<0.5	<0.2
1370930	Soil Pulp	16	0.04	233	0.004	2	0.43	0.004	0.06	0.2	0.07	0.2	0.2	<0.05	4	0.8	<0.2
1370931	Soil Pulp	29	0.29	912	0.011	5	0.97	0.003	0.17	0.7	0.19	2.4	0.4	<0.05	3	1.9	<0.2
1370932	Soil Pulp	13	0.01	153	0.003	3	0.27	0.002	0.03	0.2	0.05	0.1	0.1	<0.05	3	2.9	<0.2
1370933	Soil Pulp	8	0.02	180	0.002	3	0.30	0.002	0.06	0.2	0.09	0.2	0.4	0.10	3	4.0	<0.2
1370934	Soil Pulp	9	0.02	236	0.005	3	0.30	0.003	0.05	1.1	0.04	0.1	0.3	0.06	4	1.7	<0.2
1370935	Soil Pulp	12	0.04	249	0.004	3	0.41	0.006	0.05	0.2	0.05	0.3	0.3	0.08	3	3.4	<0.2
1370936	Soil Pulp	8	0.06	107	0.010	3	0.31	0.007	0.05	<0.1	0.01	0.2	0.1	<0.05	3	1.6	<0.2
1370937	Soil Pulp	29	0.30	1587	0.004	6	1.20	0.003	0.18	0.3	0.25	1.7	0.3	0.06	4	2.0	<0.2
1370938	Soil Pulp	5	0.01	198	0.003	1	0.29	0.010	0.03	<0.1	0.02	<0.1	0.1	<0.05	2	1.1	<0.2
1370939	Soil Pulp	16	0.09	340	0.009	2	0.42	0.004	0.10	0.2	0.05	0.3	0.4	0.12	4	3.3	<0.2
1370940	Soil Pulp	14	0.02	606	0.003	3	0.44	0.004	0.09	0.1	0.21	0.5	0.3	0.15	3	4.3	<0.2
1370941	Soil Pulp	12	0.02	249	0.003	4	0.36	0.006	0.06	0.1	0.10	0.2	0.2	0.08	3	2.7	<0.2
1370942	Soil Pulp	14	0.02	708	0.004	3	0.53	0.005	0.11	0.1	0.14	0.5	0.5	0.18	4	6.2	<0.2
1370943	Soil Pulp	9	0.03	314	0.003	3	0.38	0.005	0.10	0.2	0.03	0.2	0.2	0.10	3	2.2	<0.2
1370944	Soil Pulp	22	0.22	706	0.008	5	0.74	0.003	0.13	0.4	0.18	1.9	0.4	0.11	4	3.6	<0.2
1370945	Soil Pulp	20	0.04	458	0.007	2	0.78	0.004	0.04	0.2	0.09	0.5	0.2	<0.05	4	2.2	<0.2
1370946	Soil Pulp	40	0.13	535	0.005	4	0.66	0.005	0.08	0.3	0.82	0.8	0.5	0.09	4	7.6	0.3
1370947	Soil Pulp	22	0.14	466	0.005	3	0.60	0.008	0.07	0.2	0.42	0.5	0.3	0.07	3	3.6	<0.2

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Vancouver BC V6C 2V6 Canada

Project: CCJV
Report Date: September 20, 2011

CERTIFICATE OF ANALYSIS VAN11004100.1

	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
1370948	Soil Pulp	5.2	13.3	6.7	38	1.0	6.6	1.2	27	0.67	5.0	2.6	<0.1	20	0.2	2.0	0.1	59	0.02	0.031	10
1370949	Soil Pulp	7.2	24.0	7.9	43	0.9	7.3	1.0	23	0.75	5.9	2.7	<0.1	26	0.5	2.3	0.1	88	0.02	0.069	11
1370950	Soil Pulp	8.0	29.8	9.7	113	1.2	16.7	2.5	69	1.76	12.3	4.7	0.5	38	1.2	5.1	0.2	97	0.11	0.169	13
1371098	Soil Pulp	7.6	11.6	10.3	21	3.9	3.2	0.7	19	0.71	7.1	2.8	<0.1	35	0.1	2.8	0.2	82	0.02	0.058	5
1371099	Soil Pulp	3.5	29.1	6.9	17	2.0	5.2	0.9	17	0.47	5.5	2.9	<0.1	28	1.4	1.5	0.1	57	0.02	0.097	9
1371100	Soil Pulp	8.1	32.6	13.4	26	2.1	6.5	0.8	16	0.63	6.1	3.1	<0.1	57	0.9	2.4	0.2	86	0.03	0.159	8
1371252	Soil Pulp	2.8	17.6	9.9	62	0.4	7.1	1.7	75	1.19	16.8	1.6	0.9	12	0.3	1.9	0.2	55	0.03	0.050	7
1371376	Soil Pulp	9.6	63.1	10.2	107	3.3	12.7	1.9	41	0.88	11.9	5.9	0.2	20	2.1	4.7	0.1	148	0.03	0.066	3
1371377	Soil Pulp	9.2	55.2	14.0	94	0.8	16.4	5.5	252	2.49	28.0	6.5	1.0	68	0.4	5.0	0.2	151	0.08	0.149	8
1371378	Soil Pulp	1.2	16.3	4.8	12	1.2	5.1	0.7	12	0.88	4.2	5.0	<0.1	27	0.2	0.8	<0.1	38	0.10	0.090	3
1371379	Soil Pulp	4.9	10.7	11.1	27	0.7	4.2	0.7	20	0.57	8.8	3.3	0.1	36	<0.1	2.6	0.2	109	0.03	0.059	9
1371380	Soil Pulp	4.0	48.7	8.9	110	0.3	19.5	5.3	161	2.04	10.6	6.9	1.0	29	0.4	1.8	0.2	80	0.12	0.136	7
1371381	Soil Pulp	4.1	38.9	8.1	133	0.5	23.3	5.0	287	1.75	12.4	5.9	0.6	35	1.1	2.3	0.2	84	0.08	0.083	9
1371382	Soil Pulp	4.6	61.2	13.6	162	2.8	34.5	5.9	371	2.12	14.1	24.2	0.7	73	2.6	2.6	0.2	169	0.31	0.160	6
1371383	Soil Pulp	7.5	56.6	10.9	216	0.7	29.5	7.0	322	2.30	20.9	6.6	0.8	49	1.2	4.3	0.3	138	0.19	0.149	10
1371384	Soil Pulp	5.8	38.1	9.8	143	1.5	22.6	7.7	257	1.91	16.0	4.7	0.4	53	1.4	3.5	0.2	112	0.31	0.148	11
1371385	Soil Pulp	8.3	41.3	11.6	117	1.5	25.6	8.3	209	1.96	18.1	5.9	0.3	52	1.2	3.7	0.2	119	0.17	0.128	9
1371386	Soil Pulp	8.8	40.3	17.4	93	0.5	12.2	2.8	118	1.83	16.4	1.8	0.5	29	1.7	2.1	0.2	71	0.03	0.083	7
1371387	Soil Pulp	7.7	59.2	14.5	154	0.6	20.6	3.8	72	3.97	44.1	1.7	0.3	34	0.8	2.7	0.4	217	0.02	0.172	8
1371388	Soil Pulp	5.1	25.7	7.0	49	0.2	6.1	1.7	35	1.59	41.2	10.2	<0.1	46	0.2	2.0	0.2	96	0.02	0.092	3
1371389	Soil Pulp	19.4	93.0	12.7	109	2.8	22.8	2.5	61	3.69	156.2	17.3	2.4	65	0.2	6.9	0.3	460	0.09	0.532	9
1371390	Soil Pulp	7.8	33.0	18.5	112	0.3	13.8	2.9	72	3.51	31.0	2.4	1.8	25	0.2	3.4	0.3	165	0.02	0.155	8
1371391	Soil Pulp	4.4	22.1	10.1	67	0.2	8.3	2.3	109	1.19	6.4	2.0	0.4	12	0.1	1.4	0.2	88	0.02	0.036	9
1371392	Soil Pulp	0.3	34.7	2.8	17	2.0	7.6	2.8	84	0.64	1.1	8.0	<0.1	13	0.5	0.4	0.1	12	0.07	0.099	2
1371393	Soil Pulp	7.7	23.3	12.5	102	2.0	15.8	2.7	109	1.63	16.6	1.6	0.2	25	0.3	3.3	0.3	127	0.02	0.076	6
1371394	Soil Pulp	5.2	27.8	10.7	92	1.2	11.2	2.1	73	2.18	13.9	3.0	1.5	25	0.6	2.4	0.2	146	0.03	0.241	6
1371395	Soil Pulp	14.4	51.9	18.3	65	2.8	14.4	1.7	37	2.25	26.4	14.0	0.6	55	0.4	5.1	0.3	99	0.05	0.150	8
1371401	Soil Pulp	4.1	20.7	9.7	4	2.5	4.2	0.2	3	0.29	1.8	6.8	<0.1	13	0.2	1.9	0.2	34	<0.01	0.040	2
1371402	Soil Pulp	10.1	17.9	14.2	13	1.2	4.5	0.5	10	0.53	4.1	1.9	<0.1	63	0.2	3.9	0.2	85	0.02	0.081	10
1371403	Soil Pulp	25.5	44.2	17.5	22	5.0	7.1	0.6	15	2.97	18.4	24.1	1.8	107	0.5	6.7	0.3	274	0.28	1.166	8

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	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
1370948	Soil Pulp	12	0.06	193	0.006	3	0.27	0.005	0.06	0.1	0.04	0.1	0.2	0.06	3	2.4	<0.2
1370949	Soil Pulp	16	0.04	381	<0.001	2	0.52	0.003	0.06	0.1	0.04	0.1	0.4	0.08	4	3.7	<0.2
1370950	Soil Pulp	22	0.22	1104	0.005	4	0.78	0.004	0.11	0.2	0.12	0.7	0.4	0.08	3	4.4	<0.2
1371098	Soil Pulp	13	0.03	236	0.008	2	0.49	0.008	0.07	0.2	0.26	0.2	0.5	0.07	4	2.5	<0.2
1371099	Soil Pulp	21	0.02	412	0.004	3	0.62	0.005	0.03	0.2	0.29	0.2	0.1	<0.05	3	1.7	<0.2
1371100	Soil Pulp	29	0.02	524	0.004	4	0.62	0.004	0.06	0.2	0.19	0.2	0.4	<0.05	5	3.5	<0.2
1371252	Soil Pulp	7	0.03	172	0.008	3	0.37	0.005	0.07	0.1	0.03	0.6	0.1	<0.05	3	1.1	<0.2
1371376	Soil Pulp	18	0.05	181	0.002	4	0.37	0.008	0.07	<0.1	0.52	0.7	0.4	<0.05	2	2.6	<0.2
1371377	Soil Pulp	23	0.14	473	0.004	3	0.68	0.004	0.11	0.2	0.41	1.2	0.4	0.13	3	2.7	0.2
1371378	Soil Pulp	10	0.04	328	0.004	3	0.47	0.012	0.04	<0.1	0.49	0.5	0.1	0.06	2	1.2	<0.2
1371379	Soil Pulp	16	0.05	443	0.005	4	0.43	0.004	0.07	0.2	0.12	0.3	0.3	<0.05	4	0.9	<0.2
1371380	Soil Pulp	19	0.21	269	0.005	6	0.88	0.004	0.12	0.1	0.10	1.5	0.2	<0.05	4	1.5	<0.2
1371381	Soil Pulp	17	0.19	481	0.006	4	0.74	0.005	0.09	0.2	0.21	1.3	0.2	<0.05	3	1.1	<0.2
1371382	Soil Pulp	29	0.25	1430	0.003	7	1.46	0.010	0.17	0.1	1.53	2.6	0.4	0.07	4	3.2	<0.2
1371383	Soil Pulp	23	0.27	797	0.005	4	0.98	0.003	0.12	0.8	0.32	1.5	0.3	0.05	3	2.2	<0.2
1371384	Soil Pulp	23	0.26	739	0.004	3	1.00	0.005	0.10	0.2	0.29	0.6	0.3	0.05	3	1.4	<0.2
1371385	Soil Pulp	20	0.20	987	0.004	3	0.83	0.005	0.10	0.2	0.44	0.8	0.3	0.07	3	2.5	<0.2
1371386	Soil Pulp	13	0.05	353	0.005	4	0.68	0.006	0.09	0.2	0.05	0.9	0.2	0.06	3	0.9	0.2
1371387	Soil Pulp	26	0.04	217	0.005	2	0.59	0.005	0.07	0.2	0.03	0.9	0.2	0.10	5	1.3	<0.2
1371388	Soil Pulp	12	0.03	378	0.004	1	0.48	0.013	0.08	0.2	0.14	0.4	0.3	0.12	3	1.0	<0.2
1371389	Soil Pulp	37	0.14	583	0.004	3	2.58	0.006	0.13	0.3	0.92	3.0	0.7	0.09	4	3.4	<0.2
1371390	Soil Pulp	23	0.22	242	0.006	3	1.32	0.006	0.19	0.1	0.03	1.6	0.3	<0.05	8	1.9	<0.2
1371391	Soil Pulp	13	0.17	209	0.008	4	0.64	0.006	0.20	0.1	0.01	0.5	0.3	<0.05	6	0.6	<0.2
1371392	Soil Pulp	6	0.04	272	0.002	<1	0.40	0.017	0.03	<0.1	0.67	0.2	0.2	<0.05	<1	1.2	<0.2
1371393	Soil Pulp	13	0.04	206	0.006	2	0.56	0.006	0.08	0.2	0.06	0.5	0.4	0.06	4	2.2	<0.2
1371394	Soil Pulp	24	0.10	260	0.006	2	0.79	0.009	0.09	<0.1	0.12	1.0	0.3	0.05	4	1.9	<0.2
1371395	Soil Pulp	20	0.11	1092	0.002	2	1.03	0.007	0.10	0.3	1.84	1.9	1.0	0.10	3	7.9	<0.2
1371401	Soil Pulp	10	0.01	177	0.002	3	0.27	0.003	0.04	0.1	0.31	0.1	0.3	<0.05	2	1.7	<0.2
1371402	Soil Pulp	25	0.02	315	0.003	2	0.45	0.003	0.04	0.3	0.45	<0.1	0.4	<0.05	5	3.1	<0.2
1371403	Soil Pulp	78	0.06	700	0.008	6	1.37	0.005	0.13	1.7	7.99	3.7	1.4	0.14	9	14.6	0.4

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Project: CCJV
Report Date: September 20, 2011

CERTIFICATE OF ANALYSIS VAN11004100.1

	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
1371404	Soil Pulp	12.8	21.9	11.7	14	3.2	8.8	0.5	10	0.78	6.5	2.6	<0.1	43	0.3	4.6	0.2	89	0.02	0.064	6
1371405	Soil Pulp	29.8	11.0	33.5	22	3.6	4.5	0.5	11	1.90	18.6	19.4	0.2	59	0.2	14.5	0.3	110	0.01	0.102	6
1371406	Soil Pulp	10.1	27.7	14.9	22	4.2	16.9	0.6	13	0.65	7.7	19.1	<0.1	42	1.6	6.6	0.2	70	0.04	0.097	6
1371407	Soil Pulp	9.1	14.9	11.3	15	1.3	4.1	0.6	12	0.66	7.9	2.2	<0.1	33	0.1	3.2	0.2	60	0.01	0.057	7
1371408	Soil Pulp	11.1	10.9	12.6	19	2.9	3.9	0.6	12	1.41	12.4	10.8	0.4	48	0.3	4.8	0.2	116	0.04	0.240	6
1371409	Soil Pulp	18.6	25.6	23.3	23	3.0	7.4	0.7	15	2.08	28.0	13.2	0.5	76	0.1	10.2	0.4	107	0.02	0.149	6
1371410	Soil Pulp	9.5	10.9	10.5	10	0.9	2.8	0.5	9	0.81	10.6	2.6	<0.1	31	<0.1	3.5	0.2	37	0.01	0.044	6
1371411	Soil Pulp	18.1	8.4	17.4	15	1.3	2.6	0.5	8	1.22	19.0	6.9	0.5	56	<0.1	6.2	0.3	70	<0.01	0.062	6
1371412	Soil Pulp	14.1	40.0	30.9	5	1.9	3.7	0.2	6	1.37	32.1	15.3	0.4	52	<0.1	9.4	0.2	76	<0.01	0.089	3
1371413	Soil Pulp	6.7	16.7	9.6	23	1.9	4.3	1.2	21	0.64	6.3	1.8	0.3	13	0.1	1.5	0.2	47	0.01	0.043	5
1371414	Soil Pulp	13.0	7.8	12.4	17	0.8	3.5	0.5	12	0.95	20.7	1.9	0.3	33	<0.1	4.1	0.2	60	<0.01	0.049	5
1371415	Soil Pulp	11.4	22.2	12.8	62	0.9	9.3	1.9	28	1.40	22.3	2.6	0.6	32	0.1	3.5	0.2	87	<0.01	0.068	8
1371523	Soil Pulp	12.0	84.8	19.9	182	0.3	53.9	26.4	1377	4.33	21.6	6.5	2.7	64	0.8	4.0	0.2	74	0.19	0.238	16
1371524	Soil Pulp	0.5	69.4	7.3	15	<0.1	3.7	0.4	15	1.13	72.7	1.1	0.5	13	<0.1	1.9	0.2	37	<0.01	0.015	1
1371525	Soil Pulp	15.4	137.6	27.1	199	1.0	45.6	15.6	753	5.50	21.1	16.7	4.9	192	0.8	3.5	0.2	98	0.07	0.382	21
1371526	Soil Pulp	4.5	33.4	12.0	104	0.2	16.2	10.3	1967	2.30	9.9	1.6	0.4	26	0.7	1.3	0.2	49	0.04	0.179	7
1371527	Soil Pulp	4.5	124.2	12.6	165	<0.1	55.3	12.5	268	4.29	56.1	1.9	0.4	19	<0.1	4.9	0.4	108	<0.01	0.050	6
1371528	Soil Pulp	7.6	89.9	19.1	249	0.5	55.7	22.1	1115	6.23	11.4	16.0	1.8	38	0.3	2.1	0.3	45	0.01	0.115	7
1371529	Soil Pulp	4.5	44.9	12.0	102	0.3	20.3	5.2	178	2.70	10.4	2.3	0.2	19	0.5	1.7	0.2	71	0.03	0.081	12
1371530	Soil Pulp	4.6	33.7	11.5	71	0.1	15.0	4.7	361	2.03	6.5	1.4	0.3	19	0.5	1.0	0.2	55	0.04	0.157	9
1371531	Soil Pulp	3.0	29.7	9.1	29	0.1	7.7	1.4	38	1.00	6.2	3.2	0.2	12	0.1	0.6	0.1	46	0.01	0.082	11
1371532	Soil Pulp	10.9	39.7	19.1	52	2.5	12.4	2.8	107	2.29	22.9	6.3	0.2	28	0.2	3.3	0.3	161	0.01	0.058	8
1371533	Soil Pulp	5.0	57.0	14.3	133	0.3	32.2	12.8	585	3.30	15.5	10.8	3.4	23	0.4	2.0	0.2	81	0.04	0.055	13
1371535	Soil Pulp	4.8	38.7	13.0	101	0.2	23.8	8.8	847	2.87	13.6	2.8	0.3	21	0.2	1.8	0.2	79	0.04	0.106	10
1371536	Soil Pulp	2.6	23.3	9.6	70	0.2	16.6	4.7	180	2.05	12.1	2.3	0.2	11	0.2	1.2	0.2	65	0.06	0.068	12
1371537	Soil Pulp	4.4	61.6	16.3	74	0.2	20.3	6.6	476	2.74	18.9	4.5	0.6	23	0.1	1.7	0.3	88	0.04	0.103	10
1371538	Soil Pulp	3.8	52.5	13.5	16	1.3	18.6	1.2	38	0.70	8.9	8.5	1.1	26	0.1	3.1	0.2	129	0.05	0.035	6
1371555	Soil Pulp	14.8	73.4	11.7	60	5.6	15.2	2.3	87	3.07	53.5	21.0	0.3	65	0.6	7.7	0.2	207	0.11	0.507	8
1371556	Soil Pulp	18.3	82.2	20.9	89	7.9	17.1	1.7	37	2.24	19.8	6.2	0.2	88	1.4	4.2	0.2	118	0.09	0.273	8
1371557	Soil Pulp	23.1	95.5	33.0	151	13.3	27.5	1.3	62	2.79	31.0	8.5	<0.1	183	2.6	10.4	0.3	176	0.13	0.388	6

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Project: CCJV
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CERTIFICATE OF ANALYSIS VAN11004100.1

	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
1371404	Soil Pulp	24	0.01	575	0.002	2	0.26	0.004	0.09	0.3	0.82	0.1	0.7	0.18	3	7.9	0.3
1371405	Soil Pulp	18	0.02	305	0.004	3	0.26	0.004	0.28	0.5	0.83	0.4	1.8	0.64	5	18.5	0.7
1371406	Soil Pulp	22	0.02	1605	0.003	4	0.38	0.008	0.08	0.2	1.76	0.4	0.7	0.13	2	4.5	<0.2
1371407	Soil Pulp	16	0.02	419	0.002	2	0.32	0.005	0.08	0.2	0.26	0.1	0.5	0.08	3	2.8	<0.2
1371408	Soil Pulp	26	0.04	593	0.003	3	0.58	0.003	0.11	0.5	1.43	0.8	0.8	0.14	5	4.6	<0.2
1371409	Soil Pulp	29	0.03	674	0.004	6	0.60	0.006	0.27	0.5	1.91	2.1	1.2	0.49	6	4.7	0.2
1371410	Soil Pulp	11	0.02	460	0.004	2	0.31	0.009	0.09	0.3	0.52	0.4	0.4	0.12	3	1.3	<0.2
1371411	Soil Pulp	14	0.02	518	0.004	3	0.33	0.004	0.18	0.6	1.15	0.6	1.2	0.30	4	3.9	<0.2
1371412	Soil Pulp	25	0.02	524	0.002	4	0.23	0.003	0.21	0.3	2.38	2.8	1.1	0.38	3	6.4	<0.2
1371413	Soil Pulp	15	0.03	248	0.002	2	0.59	0.005	0.05	0.2	0.15	0.3	0.2	<0.05	4	1.0	<0.2
1371414	Soil Pulp	12	0.02	650	0.003	3	0.30	0.003	0.13	0.6	0.34	0.5	0.8	0.18	3	2.3	<0.2
1371415	Soil Pulp	16	0.05	512	0.003	2	0.66	0.006	0.12	0.3	0.26	1.0	0.5	0.10	4	2.1	<0.2
1371523	Soil Pulp	26	0.68	244	0.010	3	1.76	0.006	0.22	0.1	0.19	2.2	0.4	0.09	5	2.3	<0.2
1371524	Soil Pulp	12	<0.01	89	0.001	<1	0.17	<0.001	0.03	0.1	0.45	1.5	<0.1	<0.05	3	0.6	<0.2
1371525	Soil Pulp	27	0.31	500	0.006	2	1.69	0.015	0.32	<0.1	0.41	2.1	0.9	0.49	5	5.0	<0.2
1371526	Soil Pulp	16	0.18	189	0.003	1	0.88	0.010	0.11	<0.1	0.13	0.2	0.2	0.10	4	0.8	<0.2
1371527	Soil Pulp	24	0.04	169	0.005	1	0.73	0.003	0.06	0.1	0.08	1.6	0.2	<0.05	6	1.1	0.2
1371528	Soil Pulp	18	0.18	274	0.003	2	1.36	0.009	0.14	<0.1	0.43	2.2	0.4	0.13	4	1.4	<0.2
1371529	Soil Pulp	21	0.13	163	0.005	1	0.94	0.004	0.12	<0.1	0.05	0.3	0.2	0.05	5	1.0	<0.2
1371530	Soil Pulp	20	0.13	264	0.003	1	1.02	0.006	0.11	<0.1	0.05	0.5	0.2	0.05	4	0.6	<0.2
1371531	Soil Pulp	16	0.06	189	0.002	3	0.75	0.007	0.09	<0.1	0.10	0.3	0.2	<0.05	4	0.6	<0.2
1371532	Soil Pulp	35	0.07	376	0.005	2	0.55	0.008	0.21	<0.1	0.18	0.5	0.7	0.37	6	3.1	<0.2
1371533	Soil Pulp	28	0.31	262	0.012	2	1.50	0.004	0.13	0.1	0.15	2.3	0.2	<0.05	5	1.1	<0.2
1371535	Soil Pulp	24	0.24	224	0.006	3	1.01	0.006	0.13	0.1	0.04	0.6	0.2	0.05	5	1.0	<0.2
1371536	Soil Pulp	24	0.25	214	0.006	1	1.19	0.003	0.07	0.2	0.05	0.6	0.1	<0.05	5	0.6	<0.2
1371537	Soil Pulp	28	0.17	335	0.011	3	0.99	0.007	0.12	0.1	0.08	1.5	0.2	0.06	5	1.5	<0.2
1371538	Soil Pulp	35	0.06	517	0.006	3	0.41	0.002	0.07	<0.1	0.55	1.4	<0.1	<0.05	3	1.6	<0.2
1371555	Soil Pulp	43	0.10	654	0.005	2	1.23	0.005	0.10	0.2	1.97	0.4	0.8	0.20	4	12.2	0.4
1371556	Soil Pulp	33	0.03	703	0.003	2	0.73	0.005	0.13	0.1	0.71	0.3	1.2	0.29	4	9.6	0.4
1371557	Soil Pulp	52	0.03	600	0.002	3	0.93	0.007	0.12	0.1	1.45	0.2	1.3	0.26	4	11.2	0.6

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	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
1371558	Soil Pulp	25.9	74.4	14.6	112	12.4	24.7	1.4	38	4.16	46.3	7.0	0.2	117	2.0	14.9	0.2	291	0.20	0.770	7
1371559	Soil Pulp	46.1	167.3	20.6	245	16.7	44.1	1.8	75	3.48	17.9	4.2	<0.1	253	2.9	10.2	0.3	306	0.17	0.351	7
1371560	Soil Pulp	13.1	63.1	7.6	101	4.8	18.2	1.4	129	1.01	9.5	2.8	<0.1	93	9.4	2.8	0.1	123	0.17	0.145	5
1371561	Soil Pulp	32.7	98.9	27.1	319	10.8	44.4	1.4	17	2.90	32.1	3.1	0.4	305	2.6	9.4	0.4	240	0.05	0.250	8
1371562	Soil Pulp	33.8	61.9	21.2	32	5.7	14.3	0.3	9	6.63	106.8	27.6	2.2	89	0.6	9.9	0.4	194	0.03	2.264	5
1372749	Soil Pulp	3.8	26.3	8.8	90	0.2	14.3	3.0	63	1.57	21.0	2.7	0.3	7	0.2	2.2	0.2	75	<0.01	0.065	9
1372750	Soil Pulp	3.1	31.5	12.6	76	0.3	9.8	2.2	58	1.74	10.3	1.5	1.4	27	0.3	1.1	0.2	61	0.01	0.043	5
1372751	Soil Pulp	2.9	28.5	11.6	107	0.2	17.4	3.6	65	1.97	8.0	0.9	0.9	10	1.4	1.2	0.2	62	<0.01	0.047	4
1372752	Soil Pulp	4.0	42.1	12.1	141	0.5	24.8	6.6	303	2.42	17.9	3.3	1.0	17	0.4	2.1	0.2	60	0.03	0.075	7
1372753	Soil Pulp	6.0	56.4	42.2	89	0.3	20.6	20.9	2081	4.05	27.0	2.3	2.3	160	0.6	3.1	0.4	63	0.03	0.134	16
1372754	Soil Pulp	1.9	19.9	3.6	37	0.4	7.5	1.6	31	0.71	4.1	0.7	0.1	4	0.3	0.6	<0.1	31	0.01	0.061	3
1372755	Soil Pulp	0.7	18.6	2.6	18	0.7	5.1	1.0	20	0.43	1.2	0.9	<0.1	5	0.3	0.2	<0.1	17	0.02	0.024	2
1372756	Soil Pulp	1.5	22.8	2.8	23	0.5	7.2	1.1	20	0.41	2.0	1.6	<0.1	8	0.5	0.2	<0.1	28	0.04	0.033	3
1372757	Soil Pulp	0.5	18.7	2.3	14	0.1	5.1	0.9	17	0.31	1.1	<0.5	<0.1	7	0.5	0.2	<0.1	27	0.02	0.040	3
1372758	Soil Pulp	4.7	42.6	12.0	99	0.9	20.0	2.5	72	1.78	30.0	7.3	0.6	44	0.5	2.5	0.2	96	0.17	0.130	11
1372759	Soil Pulp	1.0	29.9	3.2	15	0.4	6.0	1.0	13	0.46	1.6	1.3	<0.1	7	0.7	0.2	<0.1	21	0.01	0.044	4
1372760	Soil Pulp	3.0	29.8	5.9	66	0.5	12.6	2.0	56	1.08	18.2	3.8	0.2	10	0.2	1.6	0.1	53	0.03	0.088	8
1373009	Soil Pulp	7.6	21.2	9.9	36	4.6	8.2	1.5	29	0.91	12.1	10.2	<0.1	24	0.2	2.9	0.1	81	0.06	0.147	5
1373011	Soil Pulp	17.7	40.1	31.2	12	2.5	5.2	0.4	27	1.70	35.5	10.5	<0.1	60	0.3	9.4	0.2	89	0.06	0.131	4
1373012	Soil Pulp	3.0	61.8	10.7	187	1.3	131.1	5.7	641	1.47	11.8	8.7	0.1	88	7.0	2.4	0.2	71	0.58	0.292	11
1373013	Soil Pulp	16.5	78.3	13.0	628	1.0	94.2	11.2	1114	2.51	21.2	7.9	0.7	84	7.4	5.5	0.2	171	0.64	0.168	17
1373014	Soil Pulp	42.2	108.9	8.4	1063	1.4	155.4	7.9	371	2.07	27.6	4.1	2.0	80	11.3	14.1	0.1	517	0.60	0.123	18
1373015	Soil Pulp	50.4	65.4	10.3	3181	0.9	428.4	91.5	>10000	3.91	46.4	5.2	2.9	74	49.4	12.1	0.2	86	0.71	0.191	17
1373016	Soil Pulp	8.2	74.0	10.0	474	0.7	75.1	15.5	1472	4.12	14.9	6.5	2.4	69	3.8	3.3	0.2	102	0.73	0.167	15
1373017	Soil Pulp	4.9	38.7	9.6	128	2.3	20.6	3.9	132	1.85	17.6	4.4	0.3	20	0.5	2.6	0.2	85	0.04	0.117	13
1373018	Soil Pulp	10.8	98.3	12.5	1595	2.1	195.1	8.5	519	2.36	46.3	9.2	0.6	100	15.8	6.3	0.2	211	0.48	0.270	13

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320 - 800 West Pender Street
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Project: CCJV
Report Date: September 20, 2011

CERTIFICATE OF ANALYSIS VAN11004100.1

	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
1371558	Soil Pulp	60	0.03	752	0.006	3	0.88	0.005	0.10	0.3	1.70	0.4	1.4	0.20	4	12.5	0.4
1371559	Soil Pulp	68	0.02	351	0.002	3	0.95	0.008	0.14	0.2	1.26	0.2	1.7	0.42	4	17.7	0.6
1371560	Soil Pulp	29	0.03	669	0.003	2	0.65	0.015	0.08	<0.1	0.36	0.2	0.7	0.21	3	8.8	<0.2
1371561	Soil Pulp	46	0.03	177	0.003	3	0.68	0.005	0.23	0.2	0.40	0.7	2.0	0.57	4	18.1	0.5
1371562	Soil Pulp	72	0.03	256	0.014	3	1.35	0.003	0.27	0.7	5.73	7.9	2.0	0.41	4	75.8	1.5
1372749	Soil Pulp	13	0.08	216	0.003	2	0.79	0.004	0.09	<0.1	0.06	0.6	0.2	<0.05	4	1.1	<0.2
1372750	Soil Pulp	13	0.10	256	0.003	2	0.79	0.006	0.14	<0.1	0.03	1.2	0.3	0.12	3	1.0	<0.2
1372751	Soil Pulp	12	0.06	286	0.002	3	0.82	0.003	0.11	<0.1	0.02	1.0	0.2	<0.05	4	0.7	<0.2
1372752	Soil Pulp	17	0.17	421	0.002	3	0.87	0.002	0.12	<0.1	0.13	1.4	0.2	<0.05	3	1.4	<0.2
1372753	Soil Pulp	19	0.18	102	0.002	4	0.92	0.010	0.36	<0.1	0.13	1.8	0.3	0.61	4	1.8	0.3
1372754	Soil Pulp	6	0.03	97	0.003	2	0.37	0.013	0.05	<0.1	0.06	0.1	<0.1	<0.05	2	<0.5	<0.2
1372755	Soil Pulp	4	0.03	82	0.007	2	0.27	0.018	0.05	<0.1	0.05	0.3	<0.1	<0.05	1	<0.5	<0.2
1372756	Soil Pulp	8	0.05	110	0.003	1	0.41	0.012	0.05	<0.1	0.10	0.3	0.1	0.06	2	0.5	<0.2
1372757	Soil Pulp	7	0.03	112	0.003	2	0.32	0.015	0.05	<0.1	0.06	0.3	<0.1	0.07	2	<0.5	<0.2
1372758	Soil Pulp	18	0.17	732	0.003	5	0.77	0.005	0.18	0.1	0.50	1.3	0.2	0.10	3	1.6	<0.2
1372759	Soil Pulp	6	0.04	152	0.003	2	0.40	0.015	0.06	<0.1	0.06	0.3	<0.1	<0.05	2	<0.5	<0.2
1372760	Soil Pulp	12	0.08	170	0.002	3	0.62	0.007	0.09	<0.1	0.17	0.3	0.2	<0.05	3	0.7	<0.2
1373009	Soil Pulp	15	0.06	612	0.004	2	0.65	0.011	0.05	0.1	1.53	0.2	0.6	0.06	3	2.4	<0.2
1373011	Soil Pulp	30	0.02	386	0.002	5	0.29	0.004	0.24	0.4	2.11	1.8	1.1	0.39	3	10.4	0.2
1373012	Soil Pulp	26	0.24	904	0.003	4	1.01	0.008	0.15	<0.1	0.56	0.4	0.2	0.14	3	3.8	<0.2
1373013	Soil Pulp	30	0.38	844	0.006	5	1.06	0.010	0.16	0.2	0.42	1.9	0.5	0.06	3	4.1	<0.2
1373014	Soil Pulp	34	0.23	827	0.004	6	0.64	0.003	0.13	0.1	0.75	3.2	1.0	0.07	2	7.6	<0.2
1373015	Soil Pulp	24	0.48	757	0.007	5	1.23	0.005	0.22	0.2	0.52	3.1	2.0	<0.05	4	3.0	<0.2
1373016	Soil Pulp	26	0.52	934	0.007	5	1.38	0.005	0.20	0.2	0.34	3.1	0.2	<0.05	4	6.7	<0.2
1373017	Soil Pulp	19	0.18	296	0.004	2	0.86	0.004	0.10	0.2	0.17	0.3	0.2	<0.05	4	1.1	<0.2
1373018	Soil Pulp	28	0.29	925	0.006	5	1.09	0.004	0.14	0.2	0.55	1.5	0.5	0.08	3	5.3	<0.2

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

Project: CCJV
Report Date: September 20, 2011

QUALITY CONTROL REPORT VAN11004100.1

	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																					
1180908	Soil Pulp	4.7	78.5	17.3	193	0.4	50.4	20.4	729	4.31	17.6	3.9	3.3	84	1.5	2.9	<0.1	31	0.52	0.174	21
REP 1180908	QC	5.0	78.3	17.4	193	0.4	52.3	20.6	726	4.36	17.9	3.7	3.1	81	1.3	2.9	<0.1	31	0.52	0.175	21
1182914	Soil Pulp	119.0	33.8	4.2	22	4.5	4.7	0.8	16	15.23	200.7	6.7	1.0	30	0.1	45.0	<0.1	3621	0.06	2.090	2
REP 1182914	QC	129.2	38.7	5.0	25	5.0	6.0	0.8	16	16.80	207.1	6.1	1.2	34	0.4	49.5	<0.1	4031	0.08	2.187	2
1183937	Soil Pulp	1.7	34.8	28.4	114	0.7	22.5	9.8	249	2.87	8.1	1.1	4.5	81	<0.1	0.3	0.4	28	0.02	0.110	5
REP 1183937	QC	1.7	35.0	29.0	113	0.7	22.3	9.8	250	2.86	7.7	0.8	4.7	78	0.1	0.4	0.3	27	0.02	0.102	5
1183945	Soil Pulp	2.9	40.9	13.4	117	0.2	57.7	17.5	797	3.89	75.5	2.9	2.1	65	0.3	4.0	0.3	55	0.58	0.071	13
REP 1183945	QC	3.1	41.3	13.3	119	0.2	58.9	17.5	843	3.97	75.2	2.1	2.1	64	0.4	4.8	0.3	59	0.60	0.072	13
1370945	Soil Pulp	6.3	40.9	8.3	57	1.5	12.3	1.9	45	1.50	12.1	3.1	0.3	15	0.7	2.7	0.2	113	0.02	0.162	13
REP 1370945	QC	6.7	42.7	8.1	61	1.5	12.6	2.0	47	1.55	11.8	15.1	0.2	15	0.8	2.8	0.2	121	0.01	0.169	13
1371098	Soil Pulp	7.6	11.6	10.3	21	3.9	3.2	0.7	19	0.71	7.1	2.8	<0.1	35	0.1	2.8	0.2	82	0.02	0.058	5
REP 1371098	QC	7.4	11.1	10.2	23	3.8	3.3	0.7	19	0.71	6.9	2.7	<0.1	34	0.2	2.7	0.2	80	0.02	0.057	5
1371408	Soil Pulp	11.1	10.9	12.6	19	2.9	3.9	0.6	12	1.41	12.4	10.8	0.4	48	0.3	4.8	0.2	116	0.04	0.240	6
REP 1371408	QC	10.9	10.5	12.2	19	2.9	3.8	0.6	13	1.45	12.3	14.4	0.6	47	0.3	4.7	0.2	116	0.04	0.236	6
1371529	Soil Pulp	4.5	44.9	12.0	102	0.3	20.3	5.2	178	2.70	10.4	2.3	0.2	19	0.5	1.7	0.2	71	0.03	0.081	12
REP 1371529	QC	4.4	43.1	11.7	99	0.3	20.4	5.2	177	2.68	10.1	4.2	0.2	18	0.5	1.7	0.3	68	0.03	0.085	12
1371559	Soil Pulp	46.1	167.3	20.6	245	16.7	44.1	1.8	75	3.48	17.9	4.2	<0.1	253	2.9	10.2	0.3	306	0.17	0.351	7
REP 1371559	QC	47.3	178.5	21.2	258	17.2	46.8	1.8	76	3.67	18.6	8.9	<0.1	244	2.7	11.0	0.3	337	0.18	0.410	7
1373018	Soil Pulp	10.8	98.3	12.5	1595	2.1	195.1	8.5	519	2.36	46.3	9.2	0.6	100	15.8	6.3	0.2	211	0.48	0.270	13
REP 1373018	QC	11.0	96.7	12.2	1542	2.0	192.7	8.4	504	2.30	45.4	8.5	0.5	96	15.5	6.6	0.2	205	0.47	0.255	13
Reference Materials																					
STD DS8	Standard	13.6	108.6	126.2	317	1.7	38.6	7.6	621	2.49	24.8	102.1	7.1	65	2.2	5.5	6.6	43	0.73	0.080	17
STD DS8	Standard	11.9	98.9	105.6	280	1.5	33.2	6.8	551	2.23	23.1	108.3	6.0	62	2.1	5.2	5.9	37	0.61	0.072	14
STD DS8	Standard	13.4	110.1	132.2	311	1.7	37.5	7.5	611	2.48	25.6	122.4	7.3	72	2.6	5.7	7.4	42	0.71	0.079	16
STD DS8	Standard	13.6	110.3	125.4	303	1.8	37.6	7.3	606	2.38	23.6	125.8	6.3	62	2.2	5.3	6.1	43	0.68	0.082	16
STD DS8	Standard	12.7	109.9	124.9	306	1.7	36.9	7.5	599	2.46	22.9	121.0	6.4	62	2.3	5.0	6.2	34	0.66	0.082	14
STD DS8	Standard	13.2	117.8	119.7	315	1.8	42.3	8.7	620	2.55	24.1	111.2	6.0	61	2.5	5.5	6.9	48	0.69	0.081	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

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Project: CCJV
Report Date: September 20, 2011

QUALITY CONTROL REPORT VAN11004100.1

	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																	
1180908	Soil Pulp	17	0.44	417	0.004	4	1.10	0.005	0.18	0.1	0.26	4.3	0.2	0.10	3	1.5	<0.2
REP 1180908	QC	16	0.44	418	0.004	3	1.10	0.005	0.18	<0.1	0.24	4.4	0.2	0.11	3	1.9	<0.2
1182914	Soil Pulp	60	0.03	143	0.012	2	0.27	0.002	0.04	0.3	1.26	1.4	<0.1	0.71	2	43.6	<0.2
REP 1182914	QC	66	0.04	155	0.013	2	0.30	0.002	0.05	0.3	1.46	1.6	<0.1	0.79	2	45.7	0.3
1183937	Soil Pulp	20	0.17	821	0.002	9	1.52	0.018	0.20	<0.1	0.07	2.8	0.2	0.19	4	<0.5	<0.2
REP 1183937	QC	18	0.17	772	<0.001	7	1.45	0.018	0.18	<0.1	0.06	2.9	0.2	0.18	3	0.9	<0.2
1183945	Soil Pulp	56	0.50	1406	0.003	3	1.50	0.010	0.10	0.1	0.33	3.6	0.2	<0.05	6	0.8	<0.2
REP 1183945	QC	59	0.51	1405	0.003	3	1.43	0.009	0.09	0.1	0.36	3.9	0.2	<0.05	6	<0.5	<0.2
1370945	Soil Pulp	20	0.04	458	0.007	2	0.78	0.004	0.04	0.2	0.09	0.5	0.2	<0.05	4	2.2	<0.2
REP 1370945	QC	22	0.05	474	0.008	3	0.84	0.004	0.05	0.2	0.08	0.5	0.2	<0.05	4	2.0	<0.2
1371098	Soil Pulp	13	0.03	236	0.008	2	0.49	0.008	0.07	0.2	0.26	0.2	0.5	0.07	4	2.5	<0.2
REP 1371098	QC	12	0.03	234	0.008	2	0.48	0.008	0.06	0.2	0.25	0.2	0.5	0.07	4	3.0	0.2
1371408	Soil Pulp	26	0.04	593	0.003	3	0.58	0.003	0.11	0.5	1.43	0.8	0.8	0.14	5	4.6	<0.2
REP 1371408	QC	26	0.04	588	0.003	4	0.59	0.003	0.12	0.5	1.36	0.8	0.7	0.13	5	4.8	<0.2
1371529	Soil Pulp	21	0.13	163	0.005	1	0.94	0.004	0.12	<0.1	0.05	0.3	0.2	0.05	5	1.0	<0.2
REP 1371529	QC	20	0.13	168	0.004	1	0.92	0.004	0.11	<0.1	0.03	0.3	0.2	<0.05	5	0.9	<0.2
1371559	Soil Pulp	68	0.02	351	0.002	3	0.95	0.008	0.14	0.2	1.26	0.2	1.7	0.42	4	17.7	0.6
REP 1371559	QC	74	0.02	1514	0.003	5	1.01	0.009	0.15	0.2	1.28	0.3	2.0	0.49	4	18.1	0.4
1373018	Soil Pulp	28	0.29	925	0.006	5	1.09	0.004	0.14	0.2	0.55	1.5	0.5	0.08	3	5.3	<0.2
REP 1373018	QC	28	0.28	935	0.006	4	1.06	0.004	0.14	0.3	0.50	1.2	0.5	0.08	3	4.2	0.2
Reference Materials																	
STD DS8	Standard	122	0.63	281	0.108	3	0.96	0.105	0.44	3.0	0.22	2.7	5.5	0.14	5	5.1	5.9
STD DS8	Standard	102	0.55	259	0.107	5	0.83	0.082	0.38	2.6	0.16	2.0	4.8	0.15	4	4.9	4.5
STD DS8	Standard	115	0.63	286	0.125	3	0.93	0.095	0.44	2.9	0.21	2.1	5.4	0.18	5	4.9	5.0
STD DS8	Standard	120	0.59	276	0.115	2	0.88	0.100	0.40	3.0	0.17	1.8	5.4	0.16	5	5.0	4.9
STD DS8	Standard	112	0.58	263	0.114	2	0.82	0.074	0.39	2.8	0.22	2.0	5.5	0.13	4	5.6	5.0
STD DS8	Standard	127	0.63	264	0.124	3	0.91	0.083	0.40	3.0	0.20	2.1	5.4	0.20	5	4.9	5.1
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

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Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Carlin Gold Corporation**
320 - 800 West Pender Street
Vancouver BC V6C 2V6 Canada

Project: CCJV
Report Date: September 20, 2011

QUALITY CONTROL REPORT VAN11004100.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001	1DX15 La ppm 1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<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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Client: **Carlin Gold Corporation**
320 - 800 West Pender Street
Vancouver BC V6C 2V6 Canada

Project: CCJV
Report Date: September 20, 2011

QUALITY CONTROL REPORT VAN11004100.1

		1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
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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Client: **Carlin Gold Corporation**
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Submitted By: Confirmation Email List
Receiving Lab: Canada-Vancouver
Received: September 03, 2011
Report Date: September 28, 2011
Page: 1 of 8

CERTIFICATE OF ANALYSIS VAN11004467.1

CLIENT JOB INFORMATION

Project: CCJV
Shipment ID:
P.O. Number STAN-07
Number of Samples: 184

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
No Prep	184	Sorting of samples on arrival and labeling			VAN
1DX2	184	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

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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: September 28, 2011

CERTIFICATE OF ANALYSIS VAN11004467.1

	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
1382201	Soil Pulp	14.8	79.8	15.0	78	3.6	16.6	1.7	50	2.94	24.3	9.4	1.0	94	0.9	6.1	0.3	168	0.14	0.675	7
1382202	Soil Pulp	3.8	19.6	14.3	16	2.2	5.1	0.4	11	1.62	17.3	6.5	0.5	48	0.4	3.2	0.3	38	0.03	0.478	3
1382203	Soil Pulp	9.9	59.0	16.3	14	9.3	10.8	0.2	41	10.28	136.4	22.6	2.3	181	0.3	4.9	0.3	227	0.04	1.779	4
1382204	Soil Pulp	2.9	9.8	14.1	38	0.9	5.8	1.1	48	0.89	13.0	1.7	0.8	27	0.1	1.5	0.2	62	0.03	0.036	10
1382205	Soil Pulp	5.9	20.3	16.7	120	0.7	13.4	2.5	74	1.67	25.2	1.8	0.9	31	0.1	5.0	0.2	77	<0.01	0.049	6
1382206	Soil Pulp	7.4	26.6	15.2	145	0.6	19.9	3.2	64	2.01	60.3	5.1	0.7	39	0.3	9.3	0.2	69	0.01	0.062	7
1382207	Soil Pulp	2.6	27.5	6.9	91	<0.1	16.3	5.2	79	1.55	25.3	2.1	0.7	8	0.2	4.5	0.1	46	<0.01	0.035	7
1382401	Soil Pulp	5.5	50.7	23.5	63	5.5	11.4	0.9	17	1.18	11.9	7.4	0.2	211	0.7	2.2	0.3	88	0.09	0.237	5
1382402	Soil Pulp	10.1	62.7	16.8	41	4.4	20.3	0.8	21	0.63	8.8	2.7	<0.1	41	1.0	3.8	0.2	179	0.05	0.070	5
1382403	Soil Pulp	48.5	151.7	22.3	308	3.7	44.8	3.5	128	3.52	54.0	11.2	1.7	224	2.8	20.8	0.3	341	0.08	0.371	8
1382404	Soil Pulp	3.6	45.8	24.1	54	7.8	8.3	0.3	6	0.86	6.8	5.0	0.5	82	0.8	3.0	0.3	49	0.01	0.078	3
1382405	Soil Pulp	16.4	47.0	14.8	410	0.4	33.8	2.5	41	2.97	87.3	2.6	0.6	31	0.4	15.4	0.3	164	<0.01	0.055	6
1382406	Soil Pulp	7.4	104.0	11.9	426	3.2	44.6	4.2	66	2.71	58.9	3.6	<0.1	64	0.6	9.2	0.3	182	0.03	0.132	5
1382407	Soil Pulp	8.4	34.0	22.0	81	6.7	13.4	2.2	63	2.40	24.6	8.3	0.1	65	0.3	5.5	0.3	140	0.02	0.072	8
1382408	Soil Pulp	11.1	80.7	17.7	195	2.9	35.2	2.3	40	1.99	20.4	2.2	0.2	80	0.7	5.2	0.3	147	0.05	0.205	8
1382409	Soil Pulp	27.0	143.3	30.7	190	14.2	41.1	2.5	75	4.46	69.5	14.0	1.6	226	3.8	18.7	0.3	390	0.43	0.702	11
1382410	Soil Pulp	8.9	43.4	10.1	45	6.1	12.6	1.1	26	1.00	10.7	4.8	<0.1	120	0.5	2.6	0.2	91	0.04	0.159	6
1382411	Soil Pulp	38.9	106.5	37.1	47	9.9	41.9	0.3	13	1.42	27.5	2.1	0.6	171	2.4	13.6	0.3	414	0.18	0.453	7
1382412	Soil Pulp	20.2	85.5	21.5	142	9.1	25.2	0.9	26	3.32	47.3	16.3	0.6	207	1.2	6.6	0.3	243	0.06	0.279	4
1382413	Soil Pulp	14.9	230.6	25.2	421	6.1	52.9	6.8	422	5.84	133.0	7.6	2.3	211	3.0	5.6	0.4	157	0.16	0.534	6
1382414	Soil Pulp	9.0	24.0	14.1	37	11.7	11.5	0.7	19	1.07	9.1	5.7	<0.1	91	0.8	2.7	0.3	75	0.04	0.130	2
1382415	Soil Pulp	23.8	73.1	9.8	59	4.2	16.4	1.1	40	1.86	19.3	6.4	0.3	63	0.9	3.9	0.2	191	0.03	0.288	4
1382416	Soil Pulp	8.5	202.6	20.3	455	7.1	94.5	6.3	453	5.25	45.1	12.3	1.1	290	11.6	4.9	0.4	205	0.37	0.227	5
1382417	Soil Pulp	17.1	257.8	15.9	108	11.0	28.8	1.1	53	2.16	27.1	6.8	0.4	241	1.8	7.8	0.2	175	0.13	0.322	5
1382418	Soil Pulp	30.7	213.1	17.7	563	3.9	80.1	4.6	116	3.81	81.3	7.4	0.4	153	2.4	26.1	0.3	311	0.04	0.242	4
1382419	Soil Pulp	15.6	87.3	11.8	126	3.5	17.3	2.1	68	3.46	63.5	10.0	0.2	148	0.5	9.5	0.2	105	0.05	0.240	5
1382420	Soil Pulp	10.8	36.2	18.2	53	2.4	8.3	1.1	54	0.84	18.4	2.5	<0.1	161	0.3	5.9	0.3	75	0.06	0.123	7
1382421	Soil Pulp	9.6	34.0	11.2	63	1.7	10.1	1.5	25	0.99	12.6	0.8	0.1	49	0.3	4.2	0.2	102	0.02	0.074	7
1382422	Soil Pulp	13.0	42.7	12.2	140	1.4	20.8	1.9	37	1.51	14.8	2.1	0.2	36	0.3	6.3	0.3	181	0.02	0.119	7
1382423	Soil Pulp	6.1	23.3	10.4	79	0.5	12.3	2.3	116	1.62	12.5	1.3	0.1	18	0.1	2.3	0.3	87	0.02	0.110	10

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

Project: CCJV
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS VAN11004467.1

	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
1382201	Soil Pulp	50	0.08	859	0.012	4	1.41	0.003	0.09	0.3	0.67	1.9	0.8	0.22	5	11.3	0.3
1382202	Soil Pulp	32	0.01	406	0.007	2	0.60	0.004	0.06	0.1	0.49	1.9	0.6	0.10	4	5.0	0.7
1382203	Soil Pulp	108	0.02	119	0.013	5	1.32	0.005	0.34	0.3	1.11	8.7	2.4	1.22	13	22.0	0.6
1382204	Soil Pulp	7	0.03	288	0.009	<1	0.54	0.002	0.06	0.1	0.03	0.5	0.3	<0.05	4	2.4	<0.2
1382205	Soil Pulp	8	0.03	248	0.006	2	0.38	<0.001	0.08	0.4	0.03	0.8	0.3	0.10	3	2.7	<0.2
1382206	Soil Pulp	9	0.03	261	0.003	2	0.38	<0.001	0.08	<0.1	0.10	1.2	0.3	0.08	2	4.1	<0.2
1382207	Soil Pulp	7	0.02	121	0.002	2	0.40	<0.001	0.07	<0.1	0.01	0.7	0.1	<0.05	3	0.8	<0.2
1382401	Soil Pulp	27	0.02	655	0.006	4	0.54	0.002	0.08	0.1	0.27	0.9	0.3	0.26	3	12.3	0.3
1382402	Soil Pulp	35	0.02	245	0.005	3	0.30	0.001	0.05	0.1	0.81	0.4	0.4	0.12	2	8.1	<0.2
1382403	Soil Pulp	18	0.08	265	0.006	6	0.74	0.005	0.30	0.1	0.31	4.7	1.3	0.59	2	26.9	0.2
1382404	Soil Pulp	33	0.02	458	0.003	6	0.31	0.001	0.14	<0.1	0.22	1.0	0.3	0.23	3	12.9	<0.2
1382405	Soil Pulp	13	0.02	135	0.008	4	0.28	<0.001	0.06	0.2	0.06	1.2	0.2	0.08	3	3.1	0.3
1382406	Soil Pulp	21	0.03	266	0.005	2	0.40	0.002	0.09	0.2	0.27	0.7	0.3	0.21	3	13.0	0.2
1382407	Soil Pulp	31	0.06	361	0.009	2	0.54	0.002	0.14	0.1	0.42	0.5	0.6	0.36	6	24.0	0.3
1382408	Soil Pulp	38	0.03	369	0.003	2	0.51	0.002	0.10	0.1	0.18	0.3	0.7	0.26	5	16.5	<0.2
1382409	Soil Pulp	71	0.14	294	0.011	5	1.28	0.006	0.28	0.3	3.10	2.4	1.6	0.87	5	66.3	0.4
1382410	Soil Pulp	25	0.03	453	0.002	4	0.49	0.009	0.07	<0.1	0.50	0.2	0.4	0.15	2	8.1	<0.2
1382411	Soil Pulp	54	0.04	1111	0.004	8	0.55	0.002	0.15	0.3	3.54	2.3	1.0	0.20	4	36.5	0.3
1382412	Soil Pulp	47	0.05	335	0.002	15	0.70	0.004	0.25	0.1	0.67	2.4	1.0	0.80	4	20.4	0.4
1382413	Soil Pulp	27	0.13	448	0.004	7	1.35	0.005	0.28	<0.1	0.64	7.0	0.8	0.68	3	12.4	0.3
1382414	Soil Pulp	25	0.03	600	0.001	5	0.36	0.008	0.11	0.1	0.92	0.4	0.8	0.23	2	6.6	<0.2
1382415	Soil Pulp	28	0.02	457	0.004	2	0.68	0.010	0.12	0.3	3.10	0.7	1.2	0.33	4	8.0	<0.2
1382416	Soil Pulp	78	0.06	209	0.003	5	0.84	0.005	0.28	0.2	0.91	12.3	0.7	0.73	3	9.3	0.4
1382417	Soil Pulp	59	0.03	778	0.005	5	0.70	0.004	0.21	0.2	4.64	4.2	0.5	0.33	3	21.2	0.3
1382418	Soil Pulp	33	0.19	748	0.003	4	0.92	0.003	0.21	0.2	1.95	2.5	0.8	0.39	3	13.5	<0.2
1382419	Soil Pulp	25	0.05	419	0.005	2	0.79	0.009	0.25	0.1	0.51	0.8	0.6	0.47	3	9.1	<0.2
1382420	Soil Pulp	44	0.04	258	0.002	3	0.58	0.003	0.07	0.1	0.30	0.3	0.5	<0.05	5	2.6	<0.2
1382421	Soil Pulp	19	0.03	291	0.003	2	0.45	0.005	0.11	0.2	0.18	0.3	0.5	0.05	3	5.9	<0.2
1382422	Soil Pulp	23	0.04	239	0.002	2	0.54	0.003	0.11	0.1	0.11	0.2	0.5	0.08	4	5.8	0.2
1382423	Soil Pulp	15	0.07	183	0.005	1	0.66	0.006	0.06	0.2	0.08	0.2	0.2	<0.05	4	1.5	<0.2

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

Project: CCJV
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS VAN11004467.1

	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
1382424	Soil Pulp	8.2	39.0	16.2	96	1.5	13.7	1.5	70	0.99	12.8	3.0	<0.1	43	0.7	3.6	0.2	96	0.02	0.090	6
1382425	Soil Pulp	1.8	9.5	3.0	52	0.3	6.8	1.4	28	0.61	2.6	0.9	<0.1	7	<0.1	0.6	<0.1	30	0.02	0.047	3
1382426	Soil Pulp	11.2	115.3	23.6	49	6.2	19.7	1.1	31	1.15	6.5	11.5	0.5	137	1.6	8.5	0.2	289	0.10	0.251	8
1382427	Soil Pulp	32.8	205.7	23.2	266	7.5	41.9	2.6	84	2.80	30.4	3.9	0.6	326	3.8	20.6	0.2	353	0.33	0.385	10
1382428	Soil Pulp	8.8	45.4	26.4	60	6.4	10.5	1.6	39	1.75	8.8	7.7	<0.1	65	1.3	4.3	0.2	99	0.03	0.175	6
1382429	Soil Pulp	16.6	35.5	13.7	110	1.5	14.1	1.4	204	0.96	9.0	1.6	<0.1	61	0.5	4.3	0.2	172	0.03	0.105	6
1382430	Soil Pulp	8.7	75.3	8.7	52	5.1	17.5	0.8	39	0.82	10.3	8.0	0.1	74	2.4	4.3	0.1	177	0.05	0.152	6
1382431	Soil Pulp	9.0	43.9	12.8	88	3.3	16.2	1.9	54	2.10	28.5	2.4	0.2	83	0.5	3.9	0.3	147	0.02	0.145	8
1382432	Soil Pulp	6.9	40.3	8.0	90	1.8	13.2	1.4	22	1.57	15.4	4.1	0.1	68	0.5	2.9	0.2	87	0.02	0.093	5
1382684	Soil Pulp	2.8	33.6	4.9	73	3.4	16.5	1.1	34	0.74	5.0	4.7	<0.1	18	1.6	2.4	<0.1	51	0.06	0.133	2
1382685	Soil Pulp	6.1	67.7	6.0	159	3.5	25.3	1.9	26	1.07	15.5	1.7	<0.1	28	0.9	4.7	<0.1	90	0.07	0.087	3
1382686	Soil Pulp	24.5	129.4	22.5	112	17.2	27.6	0.9	16	2.43	7.2	3.1	0.3	358	1.3	7.3	0.4	213	0.06	0.221	6
1382687	Soil Pulp	20.0	96.6	20.1	60	12.6	21.5	0.9	14	1.17	10.7	1.2	0.3	214	1.0	6.5	0.4	192	0.07	0.198	7
1382688	Soil Pulp	17.5	423.0	21.2	1601	7.8	285.6	9.2	218	5.30	178.9	16.8	1.9	616	50.9	35.9	0.3	341	0.55	0.575	4
1382689	Soil Pulp	5.0	44.5	11.5	83	0.3	12.0	2.2	49	1.75	17.5	4.3	0.3	18	0.3	2.6	0.2	85	0.02	0.153	12
1382690	Soil Pulp	6.2	24.7	16.7	120	0.6	17.1	2.9	91	2.78	27.4	2.6	0.9	40	0.2	3.7	0.3	132	0.06	0.242	12
1382691	Soil Pulp	5.7	108.7	33.6	539	1.2	91.6	10.5	132	8.61	1038	15.4	1.9	234	0.3	11.4	0.3	91	0.02	0.307	2
1382692	Soil Pulp	4.4	21.9	6.3	96	0.7	10.6	2.1	53	1.14	16.2	0.9	0.2	12	0.5	1.7	0.1	71	0.01	0.048	17
1382693	Soil Pulp	8.7	32.7	21.5	149	1.2	21.6	3.5	100	3.74	64.6	5.1	1.0	45	0.3	5.2	0.4	178	0.03	0.298	10
1382694	Soil Pulp	10.3	43.8	21.4	161	1.1	24.0	3.5	68	2.31	78.4	2.8	0.2	65	0.6	5.8	0.3	111	0.03	0.088	11
1382695	Soil Pulp	2.7	10.3	4.8	42	<0.1	6.1	1.2	23	0.56	7.4	0.5	0.2	9	<0.1	1.1	0.1	47	<0.01	0.029	15
1382696	Soil Pulp	6.9	34.5	34.0	140	0.8	22.7	4.5	92	2.26	36.4	1.4	1.0	46	0.2	4.5	0.3	121	0.02	0.078	9
1382697	Soil Pulp	9.6	44.0	24.3	190	1.1	29.0	3.5	36	2.25	261.3	40.2	0.5	91	0.3	12.7	0.3	118	0.01	0.069	2
1382698	Soil Pulp	13.5	62.2	36.9	379	1.4	93.7	14.3	106	5.92	1593	12.3	0.6	48	1.4	20.0	0.4	147	<0.01	0.108	3
1382699	Soil Pulp	10.1	38.5	21.4	180	1.7	30.6	3.7	69	2.94	334.2	8.6	1.2	85	0.5	7.7	0.3	179	0.03	0.178	9
1382700	Soil Pulp	14.8	37.1	20.2	147	3.3	21.2	2.5	49	2.20	30.9	4.3	0.5	218	0.4	7.4	0.3	194	0.08	0.292	10
1383190	Soil Pulp	11.0	81.8	17.4	173	4.1	32.6	4.8	135	3.42	60.4	13.3	0.7	295	1.2	7.6	0.3	182	0.24	0.251	12
1383191	Soil Pulp	4.6	19.1	12.2	68	0.2	13.5	3.0	101	1.69	19.0	2.3	0.3	15	0.2	2.2	0.3	110	0.03	0.051	15
1383192	Soil Pulp	12.5	71.1	15.7	63	8.1	20.3	1.0	15	1.18	14.7	5.9	<0.1	88	1.4	4.9	0.4	170	0.08	0.170	7
1383193	Soil Pulp	14.7	51.2	23.5	84	4.4	16.2	2.4	55	1.95	19.4	2.9	<0.1	77	0.6	3.9	0.3	144	0.08	0.213	7

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Project: CCJV
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS VAN11004467.1

	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
1382424	Soil Pulp	18	0.02	192	0.003	1	0.40	0.007	0.07	0.1	0.24	0.2	0.4	<0.05	3	3.7	<0.2
1382425	Soil Pulp	6	0.02	38	0.002	1	0.21	0.013	0.04	0.3	0.03	0.1	<0.1	<0.05	1	<0.5	<0.2
1382426	Soil Pulp	45	0.08	660	0.005	4	0.77	0.004	0.11	0.2	1.17	1.0	0.5	0.07	4	23.4	0.3
1382427	Soil Pulp	61	0.07	547	0.007	6	0.75	0.004	0.23	0.3	0.33	1.6	1.1	0.36	4	23.6	0.3
1382428	Soil Pulp	24	0.06	426	0.002	2	0.75	0.008	0.15	0.1	0.29	0.2	0.5	0.31	4	9.9	<0.2
1382429	Soil Pulp	29	0.03	257	0.001	2	0.47	0.007	0.10	<0.1	0.05	<0.1	0.7	0.05	3	5.7	<0.2
1382430	Soil Pulp	48	0.03	610	0.002	5	0.54	0.007	0.10	0.1	0.72	0.4	0.6	0.10	3	12.1	<0.2
1382431	Soil Pulp	29	0.05	318	0.006	2	0.53	0.005	0.13	0.1	0.12	0.3	0.5	0.20	4	9.3	<0.2
1382432	Soil Pulp	16	0.04	296	0.004	2	0.71	0.011	0.11	0.1	0.14	0.4	0.4	0.16	3	4.2	<0.2
1382684	Soil Pulp	13	0.02	118	0.001	2	0.37	0.012	0.05	<0.1	0.66	0.2	0.4	<0.05	1	1.8	<0.2
1382685	Soil Pulp	17	0.02	274	0.003	2	0.33	0.013	0.04	<0.1	0.44	0.4	0.3	<0.05	1	3.9	<0.2
1382686	Soil Pulp	81	0.02	283	0.005	5	0.71	0.008	0.24	0.4	0.43	1.0	0.9	0.61	7	33.6	0.4
1382687	Soil Pulp	65	0.03	684	0.004	3	0.68	0.006	0.12	0.2	1.07	0.7	1.1	0.23	5	19.0	0.3
1382688	Soil Pulp	47	0.11	804	0.004	2	1.60	0.004	0.12	0.2	6.00	10.1	1.1	0.23	2	27.3	0.9
1382689	Soil Pulp	19	0.07	323	0.005	2	0.85	0.002	0.08	0.2	0.08	0.4	0.3	<0.05	4	1.6	<0.2
1382690	Soil Pulp	26	0.13	293	0.007	2	1.00	0.002	0.11	0.3	0.11	1.3	0.4	<0.05	5	2.8	0.3
1382691	Soil Pulp	33	0.08	301	0.004	5	0.79	0.007	0.29	0.1	0.57	4.4	0.9	0.68	3	6.5	0.3
1382692	Soil Pulp	14	0.05	329	0.006	4	0.67	0.004	0.09	0.1	0.05	0.3	0.2	<0.05	4	0.8	<0.2
1382693	Soil Pulp	30	0.12	401	0.008	4	1.13	0.003	0.16	0.2	0.11	1.7	0.6	<0.05	7	2.8	<0.2
1382694	Soil Pulp	17	0.05	427	0.005	3	0.56	0.003	0.14	0.1	0.17	0.6	0.8	0.14	4	3.5	<0.2
1382695	Soil Pulp	9	0.03	128	0.004	3	0.42	0.003	0.08	<0.1	0.02	0.3	0.2	<0.05	4	0.9	<0.2
1382696	Soil Pulp	20	0.06	255	0.004	5	0.66	0.002	0.15	0.1	0.07	1.6	0.6	0.06	4	3.5	<0.2
1382697	Soil Pulp	12	0.03	298	0.002	6	0.62	0.005	0.15	0.1	0.29	1.7	0.8	0.16	4	3.8	<0.2
1382698	Soil Pulp	16	0.03	303	0.004	3	0.70	0.002	0.12	0.6	0.20	2.1	0.7	0.07	3	4.0	<0.2
1382699	Soil Pulp	30	0.09	352	0.005	5	1.03	0.003	0.13	0.2	0.19	1.9	0.8	0.09	6	6.5	0.2
1382700	Soil Pulp	40	0.06	1062	0.010	5	0.92	0.004	0.16	0.3	0.29	1.5	1.7	0.16	7	12.5	0.6
1383190	Soil Pulp	43	0.25	363	0.012	5	1.16	0.007	0.25	0.3	0.40	2.1	0.9	0.46	4	15.2	0.3
1383191	Soil Pulp	18	0.06	128	0.025	2	0.53	0.003	0.07	0.2	0.04	0.8	0.2	0.05	6	1.0	<0.2
1383192	Soil Pulp	36	0.03	606	<0.001	3	0.47	0.004	0.09	0.2	0.42	0.1	0.8	0.35	3	20.2	0.3
1383193	Soil Pulp	32	0.08	429	<0.001	1	1.05	0.005	0.08	0.1	0.29	<0.1	0.7	0.27	5	12.0	<0.2

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Project: CCJV
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS VAN11004467.1

	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
1383194	Soil Pulp	25.8	90.8	21.3	93	8.0	22.4	1.5	42	2.28	37.9	9.1	0.2	111	2.0	7.2	0.2	241	0.05	0.174	7
1383195	Soil Pulp	6.4	50.0	20.6	98	2.9	16.5	1.9	38	1.30	25.7	3.4	0.1	140	0.5	3.9	0.3	180	0.04	0.093	8
1383196	Soil Pulp	3.9	51.5	14.3	393	0.3	48.1	5.6	188	4.44	16.4	11.3	1.0	28	0.9	2.4	0.3	45	0.03	0.110	8
1383197	Soil Pulp	6.2	78.2	10.1	564	0.7	75.5	10.0	114	3.99	18.4	5.0	0.3	9	0.5	3.1	0.2	66	0.01	0.099	4
1383198	Soil Pulp	6.4	143.7	7.4	836	0.2	129.8	13.6	229	4.44	26.8	4.5	1.3	7	0.4	3.0	0.3	84	0.01	0.069	5
1383199	Soil Pulp	8.3	87.0	25.9	293	4.3	33.9	2.3	72	2.83	44.4	9.0	<0.1	150	1.4	3.7	0.3	103	0.04	0.189	3
1383200	Soil Pulp	4.8	31.4	8.9	42	2.5	10.3	0.9	22	0.85	6.5	2.2	<0.1	21	0.3	1.6	0.2	68	0.02	0.108	4
1383247	Soil Pulp	7.2	31.0	6.4	10	3.0	10.4	0.6	16	0.72	1.7	2.7	0.2	36	0.9	1.6	0.1	71	0.06	0.212	3
1383248	Soil Pulp	15.8	48.0	7.6	11	4.5	11.4	0.8	16	0.65	2.1	2.9	0.2	51	0.6	2.5	0.1	136	0.02	0.189	5
1383249	Soil Pulp	10.7	71.0	5.0	10	10.0	6.4	0.5	12	1.09	2.7	4.0	<0.1	52	0.9	1.4	0.1	84	0.03	0.303	4
1383250	Soil Pulp	0.8	6.5	1.5	5	1.5	2.1	0.8	16	0.39	0.5	<0.5	<0.1	12	0.1	0.2	<0.1	20	0.04	0.025	1
1383351	Soil Pulp	37.9	68.7	10.2	13	12.0	8.5	0.5	17	0.91	2.1	7.8	<0.1	54	0.5	4.5	0.2	438	0.03	0.201	5
1383352	Soil Pulp	11.5	78.3	6.6	10	11.4	9.3	0.7	14	1.05	5.9	31.3	<0.1	63	0.3	8.7	0.1	171	0.03	0.287	5
1383353	Soil Pulp	4.6	22.3	2.5	12	2.0	16.6	0.6	14	0.33	<0.5	1.0	<0.1	12	0.7	2.2	<0.1	54	0.06	0.104	2
1383354	Soil Pulp	27.3	23.9	9.9	18	8.9	8.0	0.9	25	2.66	67.2	3.5	0.1	42	0.7	6.9	0.2	316	0.08	0.543	4
1383355	Soil Pulp	13.6	39.1	14.5	15	2.8	11.5	0.6	11	0.60	6.6	1.0	<0.1	53	0.9	4.7	0.2	113	0.02	0.152	6
1383356	Soil Pulp	14.0	51.7	17.4	13	5.6	12.6	0.8	16	0.67	5.4	2.5	0.1	56	0.5	5.1	0.3	99	0.03	0.093	6
1383357	Soil Pulp	15.0	18.9	22.4	22	5.0	5.8	1.2	59	2.30	59.6	22.1	0.2	38	0.4	7.7	0.2	158	0.04	0.343	7
1383358	Soil Pulp	3.0	17.7	6.9	11	1.8	4.5	0.5	10	0.30	2.8	<0.5	<0.1	27	0.2	1.3	0.1	48	0.02	0.048	6
1383359	Soil Pulp	7.1	26.6	12.4	17	2.8	6.4	0.8	15	0.61	4.4	31.2	<0.1	28	0.4	2.7	0.2	82	0.02	0.138	4
1383360	Soil Pulp	7.1	31.0	5.1	9	6.1	6.0	0.5	8	0.92	2.6	24.8	<0.1	17	0.5	4.1	<0.1	72	0.03	0.209	2
1383361	Soil Pulp	4.7	22.3	5.8	16	1.9	6.7	1.0	18	0.47	2.8	<0.5	<0.1	16	0.6	0.9	<0.1	36	0.02	0.044	4
1383362	Soil Pulp	13.0	18.7	10.7	13	2.2	5.8	0.9	25	0.95	4.9	<0.5	0.1	32	0.4	3.5	0.1	67	0.04	0.068	3
1383363	Soil Pulp	9.4	33.8	9.1	32	5.2	8.8	0.9	16	0.63	4.6	<0.5	<0.1	35	1.3	2.1	0.2	78	0.03	0.073	5
1383364	Soil Pulp	5.3	15.4	7.0	28	1.3	4.5	0.9	17	0.49	3.9	1.1	<0.1	19	0.8	1.0	0.1	48	0.02	0.053	4
1383365	Soil Pulp	4.5	16.4	7.0	28	1.5	5.5	1.4	21	0.55	3.8	<0.5	0.2	19	0.2	0.9	0.1	51	0.01	0.052	4
1383366	Soil Pulp	6.2	18.1	17.4	31	0.8	6.3	1.7	32	1.26	9.0	<0.5	0.1	57	0.3	1.7	0.2	53	0.02	0.068	3
1383367	Soil Pulp	2.4	24.0	7.0	49	0.3	10.0	3.6	61	1.07	3.4	<0.5	<0.1	11	1.1	0.5	0.1	35	0.02	0.071	3
1383368	Soil Pulp	14.9	30.1	17.4	18	4.6	9.6	1.1	20	1.05	10.0	1.3	<0.1	40	0.2	3.8	0.2	91	0.02	0.104	4
1383369	Soil Pulp	12.6	30.1	13.0	51	4.8	10.7	1.7	44	1.64	19.0	11.5	0.2	53	0.4	6.6	0.3	183	0.05	0.203	9

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	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
1383194	Soil Pulp	41	0.08	448	0.002	2	0.61	0.003	0.14	0.2	1.48	0.3	1.3	0.46	4	19.8	0.2
1383195	Soil Pulp	29	0.05	358	0.004	2	0.62	0.002	0.07	0.2	0.12	0.3	0.4	0.12	5	7.7	<0.2
1383196	Soil Pulp	20	0.21	201	0.008	3	1.22	0.004	0.12	<0.1	0.06	1.8	0.2	0.11	4	13.1	<0.2
1383197	Soil Pulp	12	0.05	156	0.003	4	0.73	0.002	0.11	<0.1	0.09	1.3	0.3	0.06	3	1.6	<0.2
1383198	Soil Pulp	11	0.04	145	0.003	4	0.76	0.002	0.11	<0.1	0.04	1.9	0.2	<0.05	3	1.3	<0.2
1383199	Soil Pulp	17	0.04	471	<0.001	4	0.49	0.004	0.15	<0.1	0.32	0.2	0.4	0.42	2	14.5	0.2
1383200	Soil Pulp	26	0.03	218	0.002	1	0.46	0.004	0.06	<0.1	0.15	0.3	0.3	0.07	3	4.9	<0.2
1383247	Soil Pulp	22	0.02	322	0.003	2	0.35	0.010	0.04	0.2	0.31	0.3	0.4	<0.05	2	5.9	0.3
1383248	Soil Pulp	23	0.02	486	0.002	2	0.60	0.013	0.04	0.4	0.47	0.2	1.2	<0.05	3	5.0	0.2
1383249	Soil Pulp	39	0.02	440	0.001	2	0.46	0.012	0.03	0.3	0.63	0.2	0.8	<0.05	3	4.2	<0.2
1383250	Soil Pulp	4	0.03	104	0.015	<1	0.26	0.020	0.02	<0.1	0.14	0.1	0.1	<0.05	1	1.2	<0.2
1383351	Soil Pulp	55	0.04	374	0.004	4	0.65	0.006	0.08	0.5	2.92	0.2	2.8	0.08	7	8.2	0.2
1383352	Soil Pulp	33	0.03	486	<0.001	2	1.04	0.011	0.05	0.4	2.37	<0.1	0.8	0.12	4	19.9	<0.2
1383353	Soil Pulp	7	0.02	122	0.001	<1	0.29	0.015	0.03	<0.1	0.32	<0.1	0.2	<0.05	<1	4.5	<0.2
1383354	Soil Pulp	32	0.04	515	0.003	2	0.66	0.008	0.07	0.4	1.11	0.5	0.5	<0.05	5	10.5	0.3
1383355	Soil Pulp	26	0.01	629	0.002	2	0.46	0.008	0.06	0.3	0.30	<0.1	1.0	<0.05	4	5.7	<0.2
1383356	Soil Pulp	52	0.02	617	0.002	2	0.55	0.004	0.05	0.5	0.50	0.3	0.7	0.05	5	4.2	0.2
1383357	Soil Pulp	41	0.06	418	0.005	1	0.93	0.007	0.07	0.5	0.87	0.5	1.2	0.08	7	11.7	0.4
1383358	Soil Pulp	19	0.01	305	0.004	2	0.29	0.006	0.03	0.1	0.15	0.1	0.1	<0.05	2	1.2	<0.2
1383359	Soil Pulp	19	0.03	308	<0.001	3	0.61	0.013	0.07	0.2	2.66	<0.1	0.8	<0.05	4	6.9	<0.2
1383360	Soil Pulp	19	0.03	343	<0.001	2	0.70	0.013	0.05	<0.1	4.73	<0.1	0.6	<0.05	3	12.2	<0.2
1383361	Soil Pulp	10	0.02	313	0.003	<1	0.46	0.009	0.04	<0.1	0.11	0.1	0.1	<0.05	3	0.9	<0.2
1383362	Soil Pulp	18	0.02	448	0.004	<1	0.29	0.011	0.08	0.1	0.17	0.1	0.4	0.11	2	8.4	<0.2
1383363	Soil Pulp	20	0.02	398	0.002	2	0.42	0.008	0.06	<0.1	0.14	0.1	0.4	0.06	2	4.9	<0.2
1383364	Soil Pulp	12	0.03	274	0.002	4	0.40	0.007	0.07	<0.1	0.04	0.2	0.5	<0.05	3	0.8	<0.2
1383365	Soil Pulp	10	0.03	265	0.002	3	0.57	0.006	0.07	<0.1	0.05	0.2	0.1	<0.05	3	0.6	<0.2
1383366	Soil Pulp	10	0.02	411	0.002	2	0.34	0.010	0.14	0.1	0.08	0.3	0.3	0.19	2	2.2	<0.2
1383367	Soil Pulp	8	0.03	253	0.001	4	0.56	0.010	0.08	<0.1	0.03	0.2	<0.1	<0.05	2	0.7	<0.2
1383368	Soil Pulp	29	0.03	485	<0.001	3	0.59	0.009	0.12	0.2	0.39	0.1	0.5	0.21	3	4.7	<0.2
1383369	Soil Pulp	40	0.13	733	0.005	3	0.83	0.004	0.11	0.3	1.08	0.4	0.6	0.08	5	5.2	<0.2

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

Project: CCJV
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS VAN11004467.1

	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
1383370	Soil Pulp	6.9	43.0	6.2	11	2.7	8.6	0.8	15	0.45	3.4	<0.5	<0.1	32	0.5	2.4	0.1	58	0.03	0.091	4
1383371	Soil Pulp	9.7	37.6	7.1	82	1.4	15.5	1.7	15	0.78	7.1	<0.5	<0.1	20	0.4	3.0	0.1	100	0.02	0.073	3
1383372	Soil Pulp	0.5	6.3	1.3	4	1.3	1.7	0.4	10	0.22	<0.5	<0.5	<0.1	8	0.1	<0.1	<0.1	7	0.03	0.029	1
1383373	Soil Pulp	4.3	18.8	6.3	17	2.2	6.6	0.7	24	0.42	1.2	<0.5	<0.1	38	0.3	1.6	<0.1	100	0.05	0.122	4
1383374	Soil Pulp	1.4	4.3	2.1	7	1.1	1.8	0.8	19	0.40	1.2	1.7	<0.1	9	0.1	0.2	<0.1	28	0.02	0.038	1
1383375	Soil Pulp	7.0	12.6	9.7	35	1.1	5.0	1.0	16	0.64	4.8	1.0	0.1	17	0.3	1.3	0.2	58	0.01	0.087	3
1383376	Soil Pulp	2.6	15.5	4.3	12	2.6	5.0	0.7	13	0.39	2.5	0.5	<0.1	11	0.4	0.7	<0.1	38	0.01	0.048	3
1383377	Soil Pulp	15.0	42.7	12.7	30	5.2	10.5	1.1	24	1.19	17.4	3.9	0.2	106	0.5	6.7	0.2	179	0.02	0.123	8
1384522	Soil Pulp	37.6	144.2	21.9	169	12.7	31.3	1.0	57	2.02	42.5	3.3	<0.1	123	3.9	8.1	0.3	416	0.06	0.140	5
1384523	Soil Pulp	32.1	150.1	18.6	196	16.0	26.9	0.6	17	1.67	41.1	3.6	0.2	2429	7.1	20.3	0.3	533	0.27	0.546	7
1384524	Soil Pulp	24.9	81.7	16.4	149	6.4	24.7	1.0	20	1.53	15.9	2.5	0.3	61	5.1	7.7	0.2	267	0.05	0.117	4
1384526	Soil Pulp	5.5	32.1	8.6	49	1.4	7.8	0.7	14	0.65	9.4	2.4	0.1	21	0.3	2.2	0.2	123	0.02	0.039	9
1384527	Soil Pulp	20.3	39.8	15.8	157	5.9	17.0	1.6	32	1.76	13.0	2.7	0.5	101	1.0	6.8	0.2	162	0.04	0.125	7
1384528	Soil Pulp	8.6	71.7	14.6	71	10.0	19.2	1.4	28	1.30	7.4	1.8	0.1	85	3.2	2.4	0.2	100	0.11	0.183	9
1384529	Soil Pulp	11.5	34.6	18.4	197	1.0	25.8	4.7	143	3.82	65.5	5.4	1.9	34	0.7	6.4	0.2	157	0.07	0.214	12
1384530	Soil Pulp	2.1	13.7	5.4	24	1.9	12.1	1.8	235	0.56	3.3	1.0	<0.1	36	1.2	0.7	<0.1	30	0.10	0.136	2
1384531	Soil Pulp	5.8	14.5	16.7	37	6.9	5.3	0.5	19	0.84	4.6	<0.5	0.3	85	0.2	3.3	0.3	80	0.05	0.127	14
1384532	Soil Pulp	8.2	48.7	23.9	316	8.9	39.1	4.1	369	4.62	28.1	2.8	0.3	199	7.9	4.9	0.3	159	0.20	0.371	7
1384533	Soil Pulp	12.9	43.1	16.2	124	3.4	19.5	2.6	85	2.81	37.3	19.9	1.2	103	1.0	6.6	0.2	210	0.18	0.386	10
1384534	Soil Pulp	5.0	26.5	11.3	69	1.5	14.3	3.2	114	2.12	15.5	5.0	0.4	30	0.3	2.1	0.2	82	0.07	0.148	11
1384535	Soil Pulp	6.0	24.9	16.4	116	1.4	9.4	1.9	57	2.07	15.3	1.4	0.4	32	0.7	3.1	0.2	82	0.01	0.086	7
1384536	Soil Pulp	29.7	98.4	39.3	492	2.1	30.9	4.7	92	9.16	75.3	3.6	5.3	50	0.8	9.6	0.3	104	0.02	0.346	5
1384537	Soil Pulp	4.9	21.3	15.2	114	1.0	11.4	2.3	54	1.82	35.0	2.0	0.8	25	1.4	3.4	0.2	68	0.01	0.051	10
1384538	Soil Pulp	10.8	42.9	20.5	205	0.6	20.3	3.5	56	3.55	65.2	1.1	1.4	39	0.7	12.4	0.2	87	0.01	0.069	6
1384539	Soil Pulp	2.0	20.0	8.6	124	0.1	23.6	6.0	172	2.26	37.4	2.2	1.7	8	0.5	4.1	0.1	35	0.01	0.037	15
1384540	Soil Pulp	1.1	14.2	7.6	79	0.1	10.7	4.2	107	1.37	5.0	0.7	1.4	9	0.5	2.0	0.1	26	0.05	0.045	16
1384541	Soil Pulp	1.3	17.7	7.4	85	0.1	13.2	5.2	168	1.50	6.8	1.4	1.3	16	0.7	1.2	0.1	21	0.13	0.059	7
1384542	Soil Pulp	2.0	22.6	12.6	168	0.4	17.3	5.3	147	2.50	10.2	1.5	0.9	10	1.8	2.7	0.2	40	0.05	0.068	4
1384543	Soil Pulp	1.7	25.8	12.0	97	0.2	13.1	5.0	450	2.28	10.2	2.6	1.5	7	1.4	1.7	0.2	38	0.02	0.065	5
1384544	Soil Pulp	2.1	18.9	11.0	71	0.2	13.0	4.2	66	1.43	52.5	2.8	1.2	21	0.1	6.0	0.1	30	0.01	0.034	9

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CERTIFICATE OF ANALYSIS VAN11004467.1

	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
1383370	Soil Pulp	29	0.02	370	0.002	1	0.42	0.014	0.03	<0.1	0.39	<0.1	0.3	<0.05	2	1.9	<0.2
1383371	Soil Pulp	24	0.02	185	0.001	1	0.41	0.004	0.04	<0.1	0.06	<0.1	0.2	<0.05	2	3.8	<0.2
1383372	Soil Pulp	3	0.01	42	0.004	<1	0.26	0.024	0.02	<0.1	0.04	<0.1	<0.1	<0.05	<1	<0.5	<0.2
1383373	Soil Pulp	19	0.02	670	0.002	1	0.35	0.011	0.04	<0.1	0.55	0.1	0.3	<0.05	3	1.8	<0.2
1383374	Soil Pulp	4	0.02	122	0.005	1	0.22	0.013	0.03	<0.1	0.08	0.1	0.1	<0.05	2	<0.5	<0.2
1383375	Soil Pulp	10	0.03	313	0.003	4	0.55	0.005	0.10	<0.1	0.06	0.4	0.3	<0.05	4	<0.5	<0.2
1383376	Soil Pulp	15	0.01	136	0.004	3	0.29	0.014	0.03	<0.1	0.22	<0.1	<0.1	<0.05	2	0.9	<0.2
1383377	Soil Pulp	73	0.03	493	0.004	1	0.85	0.006	0.06	0.3	0.74	0.4	0.7	0.08	5	9.5	0.2
1384522	Soil Pulp	78	0.03	631	0.001	3	0.66	0.004	0.13	0.2	1.78	0.2	1.2	0.18	5	15.0	0.5
1384523	Soil Pulp	95	0.07	2374	0.003	3	1.75	0.004	0.14	0.6	2.00	0.7	3.2	0.20	8	25.1	0.5
1384524	Soil Pulp	77	0.03	367	0.004	5	0.63	0.006	0.12	0.2	0.12	0.5	0.8	0.15	5	14.7	0.3
1384526	Soil Pulp	35	0.02	159	0.004	3	0.53	0.004	0.05	<0.1	0.14	0.2	0.3	<0.05	4	1.8	<0.2
1384527	Soil Pulp	24	0.02	683	0.008	3	0.55	0.004	0.09	0.2	0.16	0.7	1.3	0.23	4	11.2	0.2
1384528	Soil Pulp	36	0.02	1673	0.008	2	1.18	0.010	0.07	0.1	0.28	0.1	0.4	0.07	5	5.9	0.2
1384529	Soil Pulp	24	0.24	505	0.006	4	1.23	0.002	0.14	0.2	0.18	2.4	0.3	<0.05	4	3.3	<0.2
1384530	Soil Pulp	7	0.03	468	0.004	1	0.44	0.020	0.05	<0.1	0.04	0.3	0.2	<0.05	2	3.3	<0.2
1384531	Soil Pulp	19	0.03	922	0.006	2	0.62	0.004	0.12	0.1	0.07	0.3	0.9	0.07	4	3.9	0.3
1384532	Soil Pulp	31	0.07	520	0.004	6	0.87	0.010	0.27	0.1	0.16	0.6	0.8	0.30	4	17.4	1.0
1384533	Soil Pulp	38	0.18	1379	0.007	5	1.31	0.007	0.15	0.2	0.43	2.4	1.0	0.11	5	9.4	0.4
1384534	Soil Pulp	23	0.26	622	0.009	5	1.02	0.007	0.10	0.2	0.19	0.5	0.3	0.06	4	3.4	<0.2
1384535	Soil Pulp	11	0.04	484	0.003	3	0.64	0.003	0.11	0.1	0.05	0.6	0.3	<0.05	4	1.6	<0.2
1384536	Soil Pulp	26	0.15	475	0.002	6	1.57	0.002	0.20	<0.1	0.07	5.5	0.5	0.05	5	5.5	0.3
1384537	Soil Pulp	10	0.04	358	0.005	5	0.55	0.002	0.10	<0.1	0.03	0.8	0.3	<0.05	3	2.0	<0.2
1384538	Soil Pulp	9	0.03	227	0.003	3	0.55	0.002	0.12	<0.1	0.02	1.4	0.3	<0.05	3	2.9	<0.2
1384539	Soil Pulp	8	0.04	1705	0.003	2	0.59	0.005	0.06	<0.1	0.01	1.1	<0.1	<0.05	3	0.9	<0.2
1384540	Soil Pulp	8	0.06	332	0.003	2	0.60	0.004	0.11	<0.1	0.03	0.8	<0.1	<0.05	3	<0.5	<0.2
1384541	Soil Pulp	9	0.13	390	0.003	2	0.53	0.005	0.14	<0.1	0.02	1.3	<0.1	<0.05	2	0.7	<0.2
1384542	Soil Pulp	11	0.12	323	0.006	2	0.75	0.002	0.14	<0.1	0.03	1.7	0.2	<0.05	3	1.1	<0.2
1384543	Soil Pulp	11	0.10	323	0.003	3	0.92	0.002	0.13	<0.1	0.02	1.8	0.1	<0.05	4	0.6	<0.2
1384544	Soil Pulp	6	0.03	153	0.003	2	0.45	0.004	0.08	<0.1	0.03	0.8	0.1	<0.05	3	0.9	<0.2

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	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
1384545	Soil Pulp	2.8	41.1	12.4	120	0.7	18.4	3.7	179	2.09	15.4	6.0	2.2	19	0.4	2.3	0.2	36	0.10	0.082	7
1384546	Soil Pulp	2.2	29.3	11.0	85	1.0	18.2	2.8	124	1.66	10.3	4.2	0.9	12	0.5	1.4	0.2	36	0.05	0.056	6
1384547	Soil Pulp	3.3	68.3	23.3	153	0.5	29.4	4.5	164	3.01	17.2	5.4	2.6	17	0.5	2.7	0.2	51	0.05	0.089	8
1384548	Soil Pulp	4.5	44.3	24.6	129	0.4	14.5	3.1	138	3.88	20.9	2.7	2.2	22	0.2	3.3	0.3	75	0.02	0.122	9
1384549	Soil Pulp	2.5	31.4	16.2	70	0.2	9.8	1.6	68	1.62	10.8	0.9	0.3	15	0.3	1.8	0.2	53	0.01	0.073	8
1384550	Soil Pulp	3.4	32.7	16.9	81	0.3	8.0	2.0	52	2.47	16.5	2.3	0.6	11	0.5	2.7	0.3	69	0.02	0.079	8
1384551	Soil Pulp	2.8	171.3	11.2	70	2.6	13.8	2.7	54	2.10	10.4	5.1	1.3	13	0.1	2.2	0.2	40	0.02	0.092	6
1384552	Soil Pulp	4.1	56.8	23.0	74	1.1	8.2	1.9	54	3.17	20.2	2.4	1.5	34	0.1	3.2	0.3	74	0.02	0.120	8
1384553	Soil Pulp	2.9	30.1	19.7	70	0.5	8.0	1.9	53	2.59	16.6	2.6	1.3	9	0.2	2.7	0.3	70	<0.01	0.098	7
1384554	Soil Pulp	4.2	37.3	17.6	97	0.8	11.5	2.6	72	3.59	19.1	2.7	2.3	14	0.4	3.1	0.3	79	0.02	0.096	8
1384555	Soil Pulp	5.6	27.3	15.6	70	1.1	10.3	1.8	60	2.73	20.0	2.2	2.0	17	<0.1	3.0	0.3	76	0.01	0.072	8
1384556	Soil Pulp	9.5	79.8	20.1	114	4.8	20.6	3.3	91	4.38	29.2	12.1	3.6	29	0.2	5.7	0.3	52	0.02	0.124	7
1384705	Soil Pulp	8.6	20.3	16.8	8	2.4	2.6	0.4	10	1.20	14.4	4.9	0.1	38	0.1	3.9	0.3	44	0.01	0.108	3
1384706	Soil Pulp	18.9	43.6	22.8	11	4.7	5.6	0.5	15	1.13	13.0	6.6	<0.1	63	0.5	16.5	0.2	64	0.03	0.140	4
1384707	Soil Pulp	19.4	63.6	18.2	31	2.9	11.6	1.3	32	1.91	19.7	5.3	<0.1	95	0.4	7.1	0.3	135	0.04	0.327	8
1384708	Soil Pulp	41.4	63.1	19.1	27	2.7	12.0	0.8	46	1.16	7.8	1.6	0.1	91	0.5	7.8	0.3	204	0.05	0.195	6
1384709	Soil Pulp	28.1	66.7	14.0	33	4.4	12.0	1.4	49	2.65	30.6	10.5	1.9	94	0.4	10.8	0.2	238	0.19	0.762	7
1384710	Soil Pulp	16.5	127.2	13.0	18	4.0	14.8	0.7	19	1.10	7.7	8.3	0.2	62	0.8	7.8	0.2	150	0.04	0.257	7
1384711	Soil Pulp	12.9	89.3	13.4	16	6.7	7.9	0.6	15	1.18	9.7	4.1	0.2	178	0.5	7.1	0.2	152	0.05	0.244	7
1384712	Soil Pulp	13.1	60.8	10.0	14	3.6	9.7	0.9	23	1.25	9.9	6.5	<0.1	72	0.5	4.2	0.2	120	0.05	0.333	5
1384713	Soil Pulp	16.3	92.5	22.0	23	9.4	19.0	0.6	34	1.56	24.5	14.1	0.4	111	0.5	10.3	0.3	159	0.06	0.354	6
1384714	Soil Pulp	16.5	35.7	21.1	17	6.8	10.5	0.8	90	1.69	35.0	17.7	0.3	140	0.2	10.1	0.3	162	0.07	0.412	5
1384715	Soil Pulp	26.2	50.8	32.7	31	3.2	8.7	1.1	27	1.70	37.7	4.7	0.4	166	0.3	16.0	0.4	192	0.04	0.283	9
1384716	Soil Pulp	22.9	37.4	25.3	66	2.1	15.1	3.2	123	3.11	52.7	21.1	1.3	114	0.2	13.7	0.4	284	0.15	0.436	13
1384717	Soil Pulp	22.6	38.5	52.3	17	3.0	4.7	1.0	38	1.55	39.3	21.6	0.1	173	0.2	16.1	0.3	147	0.04	0.174	6
1384718	Soil Pulp	43.8	36.0	98.8	30	6.4	6.3	1.4	62	2.71	58.9	4.5	0.2	163	0.3	27.0	0.5	170	0.03	0.225	9
1384719	Soil Pulp	24.8	57.5	20.4	54	3.9	11.7	2.3	127	2.77	41.2	20.8	0.7	173	0.2	15.6	0.4	311	0.10	0.447	16
1384720	Soil Pulp	10.1	70.2	11.2	21	2.3	10.2	1.0	19	0.98	8.2	2.5	<0.1	71	0.4	5.3	0.3	186	0.08	0.345	8
1384721	Soil Pulp	12.2	46.3	13.4	61	1.6	16.2	4.1	194	1.94	24.4	8.6	0.4	87	0.4	7.4	0.2	190	0.15	0.294	12
1384722	Soil Pulp	24.7	34.2	16.8	29	1.5	9.9	1.4	29	1.05	12.4	1.8	0.7	79	0.3	6.7	0.3	115	0.02	0.126	9

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Project: CCJV
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS VAN11004467.1

	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
1384545	Soil Pulp	14	0.18	1348	0.004	4	0.72	0.003	0.11	<0.1	0.25	1.8	0.3	<0.05	3	2.2	<0.2
1384546	Soil Pulp	12	0.15	275	0.005	2	0.72	0.007	0.09	<0.1	0.13	1.2	0.3	<0.05	3	1.9	<0.2
1384547	Soil Pulp	18	0.24	476	0.005	6	1.06	0.006	0.11	0.1	0.24	2.3	0.3	<0.05	3	2.9	<0.2
1384548	Soil Pulp	18	0.12	320	0.011	1	0.91	0.003	0.12	0.1	0.04	1.6	0.4	<0.05	5	3.1	<0.2
1384549	Soil Pulp	11	0.06	294	0.006	<1	0.75	0.004	0.07	<0.1	0.06	0.5	0.3	<0.05	4	1.3	<0.2
1384550	Soil Pulp	11	0.05	199	0.011	2	0.58	0.002	0.09	0.2	0.04	0.7	0.2	<0.05	4	1.1	<0.2
1384551	Soil Pulp	12	0.11	394	0.008	2	1.18	0.008	0.08	0.1	0.60	3.0	0.4	<0.05	3	4.2	<0.2
1384552	Soil Pulp	12	0.06	404	0.006	3	0.76	0.007	0.12	0.1	0.08	1.6	0.4	0.07	5	2.4	<0.2
1384553	Soil Pulp	10	0.04	191	0.008	2	0.67	0.003	0.09	0.2	0.05	1.0	0.2	<0.05	6	1.3	<0.2
1384554	Soil Pulp	18	0.11	322	0.004	3	1.11	0.003	0.12	<0.1	0.08	1.6	0.3	<0.05	5	2.2	<0.2
1384555	Soil Pulp	12	0.05	706	0.004	2	0.73	0.004	0.07	0.1	0.06	1.1	0.2	0.09	4	1.8	<0.2
1384556	Soil Pulp	17	0.11	629	0.004	3	0.85	0.009	0.14	0.2	1.06	2.6	0.7	0.26	2	12.0	<0.2
1384705	Soil Pulp	25	0.02	666	0.003	3	0.41	0.004	0.15	0.3	0.34	0.3	0.5	0.30	3	5.3	0.2
1384706	Soil Pulp	21	<0.01	536	0.002	1	0.27	0.004	0.11	0.4	7.16	0.2	0.9	0.27	3	12.2	0.3
1384707	Soil Pulp	36	0.03	638	0.002	<1	0.83	0.004	0.08	0.3	0.62	0.1	1.0	0.23	6	11.2	0.3
1384708	Soil Pulp	32	0.02	603	0.002	3	0.54	0.006	0.10	0.5	0.48	0.1	1.9	0.25	6	13.6	0.4
1384709	Soil Pulp	52	0.10	499	0.010	3	1.09	0.003	0.09	0.9	1.55	3.2	1.4	0.22	6	32.9	0.7
1384710	Soil Pulp	34	0.02	538	0.003	1	0.52	0.004	0.04	0.4	1.41	0.4	0.6	0.11	6	12.8	0.4
1384711	Soil Pulp	44	0.02	1892	0.005	1	0.79	0.006	0.07	1.0	0.87	0.5	0.6	0.15	6	13.6	0.3
1384712	Soil Pulp	33	0.02	646	0.002	1	0.58	0.007	0.05	0.4	0.79	0.2	0.8	0.12	5	7.8	0.2
1384713	Soil Pulp	40	0.03	842	0.008	5	0.62	0.005	0.12	1.0	2.03	3.0	1.5	0.24	5	23.0	0.5
1384714	Soil Pulp	31	0.04	1126	0.012	4	0.64	0.008	0.14	0.9	0.61	2.8	0.8	0.29	5	19.6	0.5
1384715	Soil Pulp	39	0.02	1196	0.007	2	0.58	0.004	0.13	0.8	0.73	0.5	1.5	0.26	9	21.1	0.5
1384716	Soil Pulp	50	0.24	668	0.007	4	1.33	0.003	0.15	0.6	1.67	1.6	1.5	0.16	8	12.8	0.3
1384717	Soil Pulp	27	0.03	799	0.007	1	0.61	0.011	0.11	0.8	1.15	0.6	2.1	0.21	7	11.3	0.2
1384718	Soil Pulp	39	0.03	254	0.007	1	0.66	0.008	0.30	0.8	0.82	0.6	3.2	0.57	7	24.8	0.7
1384719	Soil Pulp	51	0.17	684	0.009	3	1.08	0.003	0.11	0.6	1.32	1.0	1.6	0.14	11	14.1	0.2
1384720	Soil Pulp	55	0.02	445	0.002	2	0.76	0.006	0.05	0.2	0.32	0.1	0.6	0.11	6	6.3	0.2
1384721	Soil Pulp	35	0.19	634	0.004	3	1.08	0.002	0.10	0.3	0.83	0.5	0.5	0.07	5	6.7	0.2
1384722	Soil Pulp	30	0.02	587	0.003	3	0.55	0.005	0.07	0.3	0.26	0.3	0.6	0.10	5	7.2	0.3

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Project: CCJV
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS VAN11004467.1

		Method	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
1384723	Soil Pulp		15.1	45.0	13.1	36	2.0	10.7	1.5	34	1.27	15.6	5.4	<0.1	85	0.4	6.5	0.2	162	0.04	0.250	10
1384724	Soil Pulp		17.6	54.2	12.2	56	1.9	16.9	2.7	84	2.28	27.1	6.3	0.8	94	0.5	8.8	0.3	253	0.18	0.507	11
1384725	Soil Pulp		7.3	51.6	13.2	181	0.7	35.7	15.0	710	2.22	16.8	14.5	2.2	53	1.3	4.9	0.3	106	0.26	0.190	21
1384726	Soil Pulp		12.0	27.9	13.7	28	1.7	6.4	1.0	21	0.71	11.1	4.7	0.1	104	0.2	7.3	0.3	150	0.02	0.138	11
1384727	Soil Pulp		8.2	21.2	8.1	16	2.8	5.0	0.7	16	0.64	4.6	1.8	<0.1	31	0.2	2.3	0.2	49	0.02	0.108	6
1384728	Soil Pulp		36.6	67.7	19.2	26	3.3	14.7	1.2	25	1.46	19.8	1.4	0.1	83	0.3	13.6	0.4	266	0.03	0.281	7
1384729	Soil Pulp		5.3	18.3	16.1	10	0.9	2.7	0.4	7	0.94	6.3	2.2	0.9	65	<0.1	2.0	0.3	42	0.01	0.087	3
1384730	Soil Pulp		19.0	46.1	12.4	22	3.8	9.3	1.1	21	0.98	11.0	2.3	<0.1	68	0.6	5.5	0.2	131	0.03	0.174	6
1384731	Soil Pulp		22.0	88.9	14.6	23	6.2	10.5	0.7	17	1.64	64.1	19.9	<0.1	162	0.3	18.1	0.3	212	0.05	0.527	7
1384732	Soil Pulp		42.3	96.2	20.0	29	8.2	14.3	1.0	28	2.63	96.0	64.2	0.1	154	0.3	42.1	0.3	274	0.05	0.640	7
1384733	Soil Pulp		37.0	75.3	15.9	22	9.7	17.2	0.5	17	2.92	46.2	14.9	0.4	162	0.5	13.0	0.3	261	0.09	0.807	7
1384734	Soil Pulp		15.4	57.9	14.2	27	4.0	14.1	1.1	18	1.03	7.0	1.7	0.1	72	0.6	3.8	0.3	137	0.02	0.140	7
1384735	Soil Pulp		8.1	62.9	9.0	14	2.0	12.9	0.6	12	0.61	2.5	1.0	<0.1	55	0.9	1.7	0.2	116	0.04	0.148	5
1384736	Soil Pulp		32.4	101.2	14.6	28	8.8	19.2	0.7	18	1.63	10.6	7.1	<0.1	117	1.1	6.8	0.3	282	0.06	0.367	8
1384737	Soil Pulp		23.5	69.2	12.7	21	4.7	14.2	0.9	17	1.01	7.0	1.8	<0.1	113	0.7	5.2	0.2	284	0.02	0.193	7
1384738	Soil Pulp		16.5	35.4	11.6	26	3.4	8.0	1.2	34	1.23	31.9	9.4	0.2	123	0.2	7.6	0.2	140	0.03	0.196	8
1384739	Soil Pulp		26.6	45.9	18.4	36	4.0	10.6	1.5	30	1.28	25.4	2.8	0.1	149	0.4	6.2	0.3	103	0.03	0.203	9
1384740	Soil Pulp		11.9	28.6	9.7	48	1.5	10.3	2.4	107	1.87	23.3	4.3	0.1	47	0.2	4.8	0.3	126	0.04	0.262	8
1384867	Soil Pulp		6.1	29.4	7.9	135	0.8	31.2	13.5	1207	1.74	8.4	18.9	1.1	24	1.4	1.3	0.1	25	0.25	0.056	4
1384868	Soil Pulp		4.3	19.3	9.9	85	0.7	16.4	5.4	212	1.73	8.0	3.9	1.5	15	0.3	0.9	0.2	28	0.09	0.078	4
1384869	Soil Pulp		2.5	35.8	15.5	129	0.8	29.6	11.9	525	2.54	11.5	4.5	2.2	26	1.2	1.2	0.2	26	0.18	0.083	5
1384870	Soil Pulp		3.0	39.4	12.0	136	0.9	32.6	8.1	274	2.16	11.0	6.3	2.8	29	0.9	1.5	0.2	39	0.21	0.089	8
1384871	Soil Pulp		2.9	48.2	17.0	174	0.7	34.1	10.5	303	3.19	17.1	3.7	2.9	21	0.9	1.6	0.2	36	0.12	0.103	5
1384872	Soil Pulp		2.7	39.5	11.9	145	0.5	28.9	8.9	320	2.31	12.6	4.2	2.3	21	0.6	1.6	0.2	36	0.15	0.091	6
1384873	Soil Pulp		3.5	26.7	12.3	121	0.6	15.6	3.9	179	2.86	15.4	1.3	1.0	8	0.3	1.3	0.3	44	0.02	0.116	4
1384874	Soil Pulp		3.8	34.8	17.5	128	0.3	17.5	4.6	209	3.88	21.4	2.0	1.5	14	0.3	2.1	0.3	54	0.02	0.077	4
1384875	Soil Pulp		6.2	31.5	9.1	48	1.1	9.4	2.6	110	2.62	10.2	1.2	1.3	10	<0.1	1.5	0.2	55	<0.01	0.043	4
1384876	Soil Pulp		4.5	40.8	20.8	68	0.8	10.3	2.5	88	4.82	17.4	5.0	1.5	14	<0.1	2.0	0.3	62	0.01	0.161	4
1384877	Soil Pulp		4.0	35.9	17.4	76	0.4	9.4	2.3	79	3.07	20.0	1.3	1.5	13	<0.1	2.0	0.3	69	0.01	0.148	5
1384878	Soil Pulp		9.8	40.2	17.7	87	0.9	12.4	2.0	54	3.71	21.2	0.9	1.3	19	<0.1	2.5	0.3	52	0.01	0.113	4

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	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
1384723	Soil Pulp	27	0.04	642	0.002	2	0.72	0.003	0.07	0.2	0.68	0.1	0.6	0.09	5	9.9	0.4
1384724	Soil Pulp	38	0.20	609	0.009	4	1.04	0.003	0.09	0.4	1.40	0.7	0.7	0.09	6	10.7	0.4
1384725	Soil Pulp	24	0.40	547	0.013	3	1.05	0.004	0.12	0.3	0.23	2.0	0.3	<0.05	4	0.8	<0.2
1384726	Soil Pulp	32	0.03	834	0.007	4	0.48	0.003	0.07	0.2	0.51	0.2	0.7	0.08	5	4.6	0.3
1384727	Soil Pulp	19	0.02	162	0.003	1	0.38	0.012	0.04	0.2	0.35	0.1	0.5	0.06	3	3.5	0.2
1384728	Soil Pulp	61	0.03	533	0.003	<1	1.06	0.006	0.12	0.4	1.19	0.2	1.5	0.23	10	15.1	0.3
1384729	Soil Pulp	17	0.03	607	0.002	5	0.64	0.004	0.18	0.3	0.27	1.2	0.7	0.21	5	4.2	<0.2
1384730	Soil Pulp	36	0.02	497	0.002	2	0.58	0.007	0.07	0.2	0.60	0.1	1.0	0.12	4	7.9	0.4
1384731	Soil Pulp	68	0.02	1376	0.002	3	0.72	0.002	0.08	0.6	2.61	0.1	1.0	0.15	6	23.2	0.6
1384732	Soil Pulp	64	0.04	1022	0.003	3	0.78	0.003	0.12	0.5	8.87	0.3	1.5	0.24	6	28.3	0.7
1384733	Soil Pulp	84	0.03	850	0.004	3	0.86	0.004	0.13	0.5	3.46	1.0	1.2	0.33	6	44.7	1.2
1384734	Soil Pulp	50	0.02	641	0.001	2	0.72	0.003	0.08	0.1	0.39	0.1	0.6	0.16	4	12.1	0.7
1384735	Soil Pulp	52	0.02	488	0.001	2	0.65	0.008	0.04	<0.1	0.21	0.2	0.3	0.09	4	6.0	0.3
1384736	Soil Pulp	81	0.02	862	0.002	3	0.73	0.003	0.11	0.3	1.30	0.1	1.9	0.30	7	20.6	0.6
1384737	Soil Pulp	61	0.02	685	0.001	3	0.81	0.006	0.06	0.2	1.04	0.1	1.9	0.15	7	10.7	0.3
1384738	Soil Pulp	27	0.03	492	0.005	1	0.57	0.009	0.06	0.2	1.19	0.2	0.7	0.12	4	10.3	0.3
1384739	Soil Pulp	36	0.01	729	0.003	3	0.50	0.005	0.08	0.3	1.10	0.2	0.9	0.21	5	10.8	0.6
1384740	Soil Pulp	25	0.10	402	0.003	<1	0.95	0.003	0.05	0.3	0.57	0.2	0.4	0.09	5	5.8	0.2
1384867	Soil Pulp	8	0.13	689	0.004	2	0.50	0.011	0.05	<0.1	0.14	1.5	0.2	<0.05	2	2.0	<0.2
1384868	Soil Pulp	10	0.17	750	0.004	2	0.66	0.006	0.06	0.1	0.20	1.8	0.3	0.05	2	2.3	<0.2
1384869	Soil Pulp	13	0.22	1047	0.002	4	0.79	0.007	0.07	0.1	0.19	2.5	0.2	<0.05	2	2.2	<0.2
1384870	Soil Pulp	15	0.24	1044	0.003	3	0.82	0.004	0.08	<0.1	0.27	2.7	0.2	<0.05	2	2.1	<0.2
1384871	Soil Pulp	15	0.22	1041	0.002	2	0.88	0.004	0.08	<0.1	0.22	3.1	0.2	<0.05	2	2.1	<0.2
1384872	Soil Pulp	14	0.21	766	0.004	2	0.75	0.006	0.08	<0.1	0.16	2.3	0.2	<0.05	2	1.6	<0.2
1384873	Soil Pulp	10	0.09	465	0.003	2	0.76	0.003	0.06	0.1	0.05	1.4	0.2	<0.05	4	1.7	<0.2
1384874	Soil Pulp	15	0.10	689	0.003	<1	1.02	0.003	0.06	0.1	0.05	1.5	0.2	<0.05	4	1.7	<0.2
1384875	Soil Pulp	12	0.05	864	0.007	<1	0.78	0.006	0.05	0.1	0.13	1.1	0.1	<0.05	5	1.4	<0.2
1384876	Soil Pulp	15	0.04	1107	0.004	1	0.72	0.003	0.08	0.1	0.06	1.3	0.2	0.08	4	2.5	<0.2
1384877	Soil Pulp	11	0.06	684	0.005	1	0.72	0.003	0.07	0.1	0.04	1.3	0.1	0.07	4	1.7	<0.2
1384878	Soil Pulp	12	0.03	1348	0.006	<1	0.53	0.003	0.07	0.1	0.05	1.1	0.2	0.08	4	3.7	<0.2

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

Project: CCJV
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS VAN11004467.1

	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
1384879	Soil Pulp	17.3	42.7	8.8	132	1.2	21.4	1.8	57	4.13	24.9	3.2	1.0	25	0.2	2.7	0.2	38	<0.01	0.054	2
1384880	Soil Pulp	12.5	35.6	16.6	98	2.4	14.7	2.4	66	3.21	20.2	2.1	0.9	34	0.4	2.5	0.2	47	<0.01	0.107	3
1384881	Soil Pulp	8.0	94.1	14.9	75	5.7	14.9	1.8	42	4.40	16.3	6.7	2.8	21	0.2	2.4	0.3	45	0.01	0.064	6
1383950	Soil Pulp	2.3	31.2	13.0	80	0.2	28.8	13.7	491	2.54	13.1	0.6	1.9	36	0.1	2.1	0.3	31	0.23	0.064	8

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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
1384879	Soil Pulp	17	0.03	1992	0.003	<1	0.39	0.001	0.04	0.1	0.11	0.9	0.1	0.06	2	7.4	<0.2
1384880	Soil Pulp	12	0.05	698	0.005	<1	0.64	0.006	0.07	0.2	0.12	1.3	0.3	0.14	4	5.8	<0.2
1384881	Soil Pulp	11	0.05	2202	0.004	<1	0.95	0.003	0.05	0.1	0.67	1.7	0.3	0.09	3	8.8	<0.2
1383950	Soil Pulp	25	0.47	1148	0.002	2	1.14	0.008	0.08	<0.1	0.17	2.6	0.1	<0.05	4	0.6	<0.2

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Report Date: September 28, 2011

QUALITY CONTROL REPORT VAN11004467.1

	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																					
1382201	Soil Pulp	14.8	79.8	15.0	78	3.6	16.6	1.7	50	2.94	24.3	9.4	1.0	94	0.9	6.1	0.3	168	0.14	0.675	7
REP 1382201	QC	14.8	78.9	14.6	78	3.7	16.6	1.7	51	2.89	23.8	11.0	0.8	94	0.9	6.0	0.3	165	0.13	0.686	7
1382207	Soil Pulp	2.6	27.5	6.9	91	<0.1	16.3	5.2	79	1.55	25.3	2.1	0.7	8	0.2	4.5	0.1	46	<0.01	0.035	7
REP 1382207	QC	3.1	27.7	7.2	96	<0.1	15.5	5.1	80	1.56	26.0	1.9	0.8	8	0.1	4.6	0.2	48	0.01	0.036	7
1382424	Soil Pulp	8.2	39.0	16.2	96	1.5	13.7	1.5	70	0.99	12.8	3.0	<0.1	43	0.7	3.6	0.2	96	0.02	0.090	6
REP 1382424	QC	8.2	38.1	16.3	94	1.4	13.8	1.5	68	0.98	13.1	2.4	0.1	43	0.5	3.7	0.2	99	0.02	0.094	6
1382697	Soil Pulp	9.6	44.0	24.3	190	1.1	29.0	3.5	36	2.25	261.3	40.2	0.5	91	0.3	12.7	0.3	118	0.01	0.069	2
REP 1382697	QC	9.5	43.3	24.0	188	1.0	28.2	3.5	35	2.27	262.0	39.3	0.5	91	0.4	13.0	0.3	118	0.01	0.068	2
1383192	Soil Pulp	12.5	71.1	15.7	63	8.1	20.3	1.0	15	1.18	14.7	5.9	<0.1	88	1.4	4.9	0.4	170	0.08	0.170	7
REP 1383192	QC	12.7	73.9	16.0	64	8.4	21.2	1.0	16	1.20	15.0	5.8	<0.1	89	1.4	5.0	0.3	180	0.08	0.157	8
1383362	Soil Pulp	13.0	18.7	10.7	13	2.2	5.8	0.9	25	0.95	4.9	<0.5	0.1	32	0.4	3.5	0.1	67	0.04	0.068	3
REP 1383362	QC	13.2	20.0	10.1	13	2.3	6.0	1.0	25	0.99	5.0	<0.5	<0.1	33	0.3	3.5	0.3	72	0.05	0.072	3
1383376	Soil Pulp	2.6	15.5	4.3	12	2.6	5.0	0.7	13	0.39	2.5	0.5	<0.1	11	0.4	0.7	<0.1	38	0.01	0.048	3
REP 1383376	QC	2.7	16.1	4.1	13	2.5	4.7	0.8	13	0.40	2.6	3.0	<0.1	12	0.4	0.7	<0.1	40	0.02	0.049	3
1384542	Soil Pulp	2.0	22.6	12.6	168	0.4	17.3	5.3	147	2.50	10.2	1.5	0.9	10	1.8	2.7	0.2	40	0.05	0.068	4
REP 1384542	QC	2.2	24.5	12.3	175	0.4	17.7	5.4	149	2.60	9.4	1.5	0.9	10	1.6	2.9	0.2	40	0.05	0.070	4
1384707	Soil Pulp	19.4	63.6	18.2	31	2.9	11.6	1.3	32	1.91	19.7	5.3	<0.1	95	0.4	7.1	0.3	135	0.04	0.327	8
REP 1384707	QC	18.4	61.0	17.4	31	2.8	10.6	1.2	30	1.81	18.6	4.6	<0.1	95	0.4	6.6	0.3	135	0.03	0.314	8
1384730	Soil Pulp	19.0	46.1	12.4	22	3.8	9.3	1.1	21	0.98	11.0	2.3	<0.1	68	0.6	5.5	0.2	131	0.03	0.174	6
REP 1384730	QC	18.6	46.7	12.4	23	3.8	10.0	1.1	21	1.00	11.1	2.1	<0.1	69	0.5	5.6	0.2	134	0.03	0.185	6
1384867	Soil Pulp	6.1	29.4	7.9	135	0.8	31.2	13.5	1207	1.74	8.4	18.9	1.1	24	1.4	1.3	0.1	25	0.25	0.056	4
REP 1384867	QC	6.1	29.5	7.9	134	0.7	31.4	13.4	1203	1.75	8.7	5.2	1.2	25	1.2	1.4	0.2	26	0.25	0.058	4
Reference Materials																					
STD DS8	Standard	13.1	106.6	127.4	299	1.7	37.9	7.5	598	2.38	24.5	107.0	7.2	69	2.5	5.9	7.1	42	0.66	0.076	15
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	11.8	110.0	122.3	317	1.8	37.7	7.4	612	2.47	25.6	109.6	6.3	65	2.2	5.5	6.6	42	0.65	0.079	13
STD DS8	Standard	13.0	105.2	126.6	321	1.8	36.0	7.3	658	2.70	25.9	111.4	7.0	71	2.4	5.7	6.1	45	0.73	0.085	16
STD DS8	Standard	11.4	94.1	117.7	280	1.7	32.2	6.4	538	2.14	22.6	98.6	6.7	66	2.0	5.2	6.8	36	0.60	0.069	15

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Project: CCJV
Report Date: September 28, 2011

QUALITY CONTROL REPORT VAN11004467.1

	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																	
1382201	Soil Pulp	50	0.08	859	0.012	4	1.41	0.003	0.09	0.3	0.67	1.9	0.8	0.22	5	11.3	0.3
REP 1382201	QC	49	0.08	877	0.012	2	1.39	0.003	0.08	0.3	0.67	1.8	0.8	0.20	5	11.9	0.4
1382207	Soil Pulp	7	0.02	121	0.002	2	0.40	<0.001	0.07	<0.1	0.01	0.7	0.1	<0.05	3	0.8	<0.2
REP 1382207	QC	8	0.03	129	0.004	2	0.42	0.001	0.08	0.1	0.01	0.7	0.1	<0.05	3	0.8	<0.2
1382424	Soil Pulp	18	0.02	192	0.003	1	0.40	0.007	0.07	0.1	0.24	0.2	0.4	<0.05	3	3.7	<0.2
REP 1382424	QC	19	0.03	189	0.003	2	0.41	0.007	0.08	0.1	0.21	0.2	0.4	<0.05	3	4.1	<0.2
1382697	Soil Pulp	12	0.03	298	0.002	6	0.62	0.005	0.15	0.1	0.29	1.7	0.8	0.16	4	3.8	<0.2
REP 1382697	QC	12	0.03	298	0.002	6	0.62	0.006	0.14	0.1	0.28	1.7	0.8	0.18	4	3.1	<0.2
1383192	Soil Pulp	36	0.03	606	<0.001	3	0.47	0.004	0.09	0.2	0.42	0.1	0.8	0.35	3	20.2	0.3
REP 1383192	QC	38	0.03	630	<0.001	4	0.50	0.005	0.10	0.2	0.43	0.2	0.8	0.31	3	20.2	0.3
1383362	Soil Pulp	18	0.02	448	0.004	<1	0.29	0.011	0.08	0.1	0.17	0.1	0.4	0.11	2	8.4	<0.2
REP 1383362	QC	16	0.03	436	0.004	1	0.31	0.011	0.09	0.1	0.16	0.1	0.4	0.17	3	8.8	<0.2
1383376	Soil Pulp	15	0.01	136	0.004	3	0.29	0.014	0.03	<0.1	0.22	<0.1	<0.1	<0.05	2	0.9	<0.2
REP 1383376	QC	15	0.01	132	0.004	<1	0.30	0.012	0.04	<0.1	0.25	0.1	0.1	<0.05	2	<0.5	<0.2
1384542	Soil Pulp	11	0.12	323	0.006	2	0.75	0.002	0.14	<0.1	0.03	1.7	0.2	<0.05	3	1.1	<0.2
REP 1384542	QC	11	0.12	335	0.004	<1	0.74	0.003	0.14	<0.1	0.03	1.5	0.2	<0.05	3	0.9	<0.2
1384707	Soil Pulp	36	0.03	638	0.002	<1	0.83	0.004	0.08	0.3	0.62	0.1	1.0	0.23	6	11.2	0.3
REP 1384707	QC	35	0.03	658	0.001	1	0.79	0.005	0.08	0.3	0.58	<0.1	1.0	0.21	6	12.5	0.3
1384730	Soil Pulp	36	0.02	497	0.002	2	0.58	0.007	0.07	0.2	0.60	0.1	1.0	0.12	4	7.9	0.4
REP 1384730	QC	36	0.02	506	0.003	2	0.60	0.007	0.08	0.2	0.61	0.1	1.0	0.13	4	7.3	0.3
1384867	Soil Pulp	8	0.13	689	0.004	2	0.50	0.011	0.05	<0.1	0.14	1.5	0.2	<0.05	2	2.0	<0.2
REP 1384867	QC	8	0.13	688	0.004	1	0.51	0.011	0.05	<0.1	0.16	1.6	0.2	<0.05	2	2.1	<0.2
Reference Materials																	
STD DS8	Standard	111	0.59	266	0.123	2	0.89	0.085	0.40	2.9	0.20	2.0	5.4	0.15	4	5.3	4.4
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	116	0.60	271	0.109	2	0.90	0.096	0.42	3.1	0.23	2.9	5.3	0.14	5	5.2	4.9
STD DS8	Standard	115	0.66	292	0.119	4	1.02	0.105	0.44	3.2	0.21	2.2	5.4	0.09	5	5.5	5.6
STD DS8	Standard	99	0.53	261	0.108	3	0.80	0.079	0.37	2.6	0.19	1.9	4.9	0.13	4	4.8	4.6

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Report Date: September 28, 2011

QUALITY CONTROL REPORT VAN11004467.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001	1DX15 La ppm 1
STD DS8	Standard	14.2	114.2	130.9	323	1.9	40.3	7.9	617	2.49	23.6	117.6	6.7	67	2.4	5.8	6.3	45	0.71	0.080	16
STD DS8	Standard	13.9	112.8	121.4	312	1.8	39.1	7.8	612	2.46	25.3	110.2	6.0	65	2.3	5.5	5.9	45	0.71	0.084	17
STD DS8	Standard	12.3	109.9	127.7	314	1.8	37.4	7.2	603	2.37	25.5	121.4	6.7	66	2.5	6.0	7.1	38	0.69	0.081	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
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<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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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 28, 2011

QUALITY CONTROL REPORT VAN11004467.1

		1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8	Standard	124	0.61	277	0.121	3	0.91	0.088	0.42	2.8	0.21	2.5	5.6	0.12	5	5.5	4.9
STD DS8	Standard	116	0.62	267	0.125	2	0.92	0.087	0.42	2.9	0.22	2.2	5.4	0.19	5	5.4	4.8
STD DS8	Standard	113	0.63	277	0.111	3	0.93	0.093	0.43	3.1	0.18	2.0	5.4	0.16	5	4.0	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
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
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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Client: **Carlin Gold Corporation**
320 - 800 West Pender Street
Vancouver BC V6C 2V6 Canada

Submitted By: Confirmation Email List
Receiving Lab: Canada-Vancouver
Received: September 07, 2011
Report Date: October 01, 2011
Page: 1 of 6

CERTIFICATE OF ANALYSIS VAN11004550.1

CLIENT JOB INFORMATION

Project: CCJV
Shipment ID:
P.O. Number RG-05
Number of Samples: 134

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
No Prep	134	Sorting of samples on arrival and labeling			VAN
1DX2	134	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

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

Project: CCJV
Report Date: October 01, 2011

CERTIFICATE OF ANALYSIS VAN11004550.1

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]	Silt																			

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Vancouver BC V6C 2V6 Canada

Project: CCJV
Report Date: October 01, 2011

CERTIFICATE OF ANALYSIS VAN11004550.1

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]	Silt																
[redacted]	Silt																
[redacted]	Silt															

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Report Date: October 01, 2011

CERTIFICATE OF ANALYSIS VAN11004550.1

	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]	Soil Pulp																			

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CERTIFICATE OF ANALYSIS VAN11004550.1

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]																

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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
[redacted]	Soil Pulp																			

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Project: CCJV
Report Date: October 01, 2011

CERTIFICATE OF ANALYSIS VAN11004550.1

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]																

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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
[redacted]	Soil Pulp																			

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CERTIFICATE OF ANALYSIS VAN11004550.1

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]																	
1384741	Soil Pulp	31	0.05	1244	0.004	3	0.55	0.006	0.14	0.1	0.11	0.4	0.5	0.13	4	8.0	<0.2
1384742	Soil Pulp	21	0.06	485	0.004	3	0.58	0.007	0.12	<0.1	0.06	0.5	0.3	<0.05	3	4.0	<0.2
1384743	Soil Pulp	25	0.21	392	0.003	4	1.03	0.004	0.13	<0.1	0.07	1.3	0.4	<0.05	4	4.4	<0.2

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CERTIFICATE OF ANALYSIS VAN11004550.1

	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
1384744	Soil Pulp	39.1	62.1	10.9	458	2.0	47.4	3.1	42	1.75	30.6	2.9	0.3	36	2.7	17.5	0.2	295	0.02	0.063	5
1384745	Soil Pulp	9.1	31.1	15.8	201	1.3	20.4	2.8	64	2.06	13.1	1.3	0.6	31	1.6	3.6	0.3	123	0.02	0.056	9
1384746	Soil Pulp	12.4	45.1	16.6	249	1.5	31.2	4.0	113	2.65	21.9	2.1	1.6	54	0.7	6.1	0.4	196	0.02	0.108	10
1384747	Soil Pulp	7.7	44.6	11.9	212	0.8	29.0	6.1	133	3.02	14.2	2.7	0.3	12	1.4	2.8	0.3	92	<0.01	0.100	5
1384748	Soil Pulp	16.3	59.1	23.0	281	3.3	38.2	5.1	116	2.94	21.1	3.0	1.2	62	0.6	6.5	0.4	140	0.01	0.113	7
1384749	Soil Pulp	14.6	67.3	28.8	228	1.0	38.5	7.8	320	3.29	20.4	3.6	0.4	50	0.8	5.3	0.4	155	0.01	0.104	10
1384750	Soil Pulp	13.0	71.8	29.9	125	0.9	23.0	4.4	223	3.14	29.2	1.9	0.7	53	0.2	3.8	0.4	102	0.02	0.097	9
1384751	Soil Pulp	7.8	33.0	16.4	138	0.2	24.8	4.7	260	3.37	19.1	1.7	1.1	20	0.2	3.4	0.3	134	0.02	0.114	8
1384752	Soil Pulp	4.7	30.5	7.6	66	0.6	13.1	1.8	77	0.84	7.1	4.9	0.3	14	0.4	1.2	0.2	56	0.03	0.072	9
1384753	Soil Pulp	10.0	47.5	13.9	175	1.0	33.8	11.8	832	2.23	15.7	6.6	0.5	34	1.1	3.1	0.3	82	0.11	0.088	9
1384754	Soil Pulp	3.2	41.1	8.6	128	1.1	34.9	6.4	678	1.07	4.6	5.8	0.7	39	2.5	1.1	0.2	44	0.21	0.109	9
1384755	Soil Pulp	8.2	34.4	11.4	154	0.4	30.8	10.2	394	1.82	10.5	5.0	1.6	30	0.5	1.6	0.2	48	0.15	0.071	10
1384756	Soil Pulp	5.0	60.5	10.9	170	0.4	39.6	10.8	590	2.20	12.4	5.4	1.3	39	0.6	1.9	0.3	51	0.20	0.073	11
1384757	Soil Pulp	4.1	31.9	7.7	107	0.4	23.6	5.6	195	1.65	7.6	4.0	0.8	18	0.4	1.3	0.2	43	0.05	0.045	9

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

Project: CCJV
Report Date: October 01, 2011

CERTIFICATE OF ANALYSIS VAN11004550.1

	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
1384744	Soil Pulp	15	0.08	351	0.003	4	0.60	0.007	0.12	<0.1	0.22	0.7	0.9	0.08	3	5.3	<0.2
1384745	Soil Pulp	18	0.09	236	0.004	3	0.82	0.003	0.12	0.1	0.06	1.0	0.3	<0.05	5	1.8	<0.2
1384746	Soil Pulp	25	0.12	389	0.007	3	0.83	0.003	0.16	0.1	0.04	1.6	0.5	0.11	5	4.8	<0.2
1384747	Soil Pulp	13	0.07	224	0.004	3	0.89	0.004	0.11	<0.1	0.02	0.8	0.2	<0.05	4	1.1	<0.2
1384748	Soil Pulp	19	0.05	282	0.007	2	0.55	0.004	0.10	0.2	0.08	1.6	0.4	0.17	4	6.6	<0.2
1384749	Soil Pulp	20	0.08	237	0.005	3	0.74	0.003	0.10	0.1	0.04	0.8	0.3	0.10	6	3.2	<0.2
1384750	Soil Pulp	20	0.09	229	0.007	2	0.66	0.004	0.08	0.2	0.05	1.0	0.3	0.07	5	2.6	<0.2
1384751	Soil Pulp	21	0.14	123	0.010	1	0.89	0.003	0.05	0.2	0.03	1.3	0.1	<0.05	5	1.4	<0.2
1384752	Soil Pulp	13	0.08	225	0.005	2	0.65	0.003	0.04	0.2	0.16	0.3	0.1	<0.05	3	0.7	<0.2
1384753	Soil Pulp	17	0.18	587	0.006	2	0.82	0.004	0.06	0.2	0.19	1.0	0.2	<0.05	4	1.6	<0.2
1384754	Soil Pulp	15	0.19	835	0.006	1	0.97	0.008	0.05	0.1	0.34	1.3	0.2	<0.05	3	2.3	<0.2
1384755	Soil Pulp	19	0.35	291	0.010	2	0.84	0.004	0.08	0.2	0.09	1.4	0.2	<0.05	4	0.9	<0.2
1384756	Soil Pulp	19	0.34	483	0.008	1	0.88	0.005	0.07	0.2	0.16	1.7	0.2	<0.05	3	0.7	<0.2
1384757	Soil Pulp	14	0.22	280	0.007	2	0.83	0.003	0.06	0.4	0.05	1.1	0.1	<0.05	4	0.7	<0.2

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

Project: CCJV
Report Date: October 01, 2011

QUALITY CONTROL REPORT VAN11004550.1

	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																					
1181376	Silt	1.0	23.7	9.7	409	1.0	62.0	11.6	932	2.40	9.9	4.4	2.3	61	6.3	0.5	0.2	25	0.70	0.092	7
REP 1181376	QC	1.0	24.7	9.8	427	1.0	63.5	12.0	977	2.50	10.4	3.8	2.2	65	6.7	0.4	0.2	28	0.74	0.096	7
1182577	Soil Pulp	4.9	19.2	13.0	66	0.3	11.1	3.1	124	3.71	21.6	0.8	0.6	6	0.2	1.7	0.3	57	<0.01	0.109	4
REP 1182577	QC	4.9	19.5	12.8	69	0.3	10.9	3.0	124	3.69	21.7	0.6	0.6	7	0.2	1.6	0.2	56	<0.01	0.109	4
1373291	Soil Pulp	3.2	61.9	8.5	53	0.3	7.4	3.6	350	5.68	17.2	8.3	0.7	5	<0.1	1.1	0.4	64	0.01	0.081	3
REP 1373291	QC	3.0	62.9	8.6	52	0.3	6.8	3.6	350	5.75	17.3	8.1	0.7	5	<0.1	1.1	0.4	64	0.01	0.078	3
1382032	Soil Pulp	1.2	13.3	6.1	28	0.2	6.1	1.2	21	0.68	6.6	0.9	0.2	9	0.2	0.4	0.1	21	0.02	0.051	6
REP 1382032	QC	1.2	13.9	6.2	30	0.2	6.1	1.3	22	0.70	6.7	0.7	0.2	9	0.2	0.4	0.1	22	0.02	0.050	6
1382435	Soil Pulp	1.7	11.3	16.1	75	0.2	15.4	6.8	204	3.19	10.3	<0.5	1.4	4	0.2	0.5	0.3	25	0.02	0.061	2
REP 1382435	QC	1.6	10.9	15.6	73	0.1	14.9	6.8	196	3.14	9.6	<0.5	1.4	4	<0.1	0.4	0.3	25	0.02	0.058	2
1384565	Soil Pulp	2.8	41.2	19.7	65	0.2	9.5	2.5	47	3.16	44.8	1.1	0.9	15	<0.1	2.2	0.3	37	0.01	0.082	3
REP 1384565	QC	2.6	39.6	19.5	65	0.2	9.5	2.5	48	3.12	43.6	<0.5	0.9	15	<0.1	2.2	0.3	38	0.01	0.081	3
1384742	Soil Pulp	9.9	35.5	11.7	237	1.7	29.5	3.4	78	1.86	10.0	1.8	0.3	43	5.3	4.6	0.2	129	0.04	0.101	7
REP 1384742	QC	10.1	36.5	12.3	242	1.7	29.6	3.6	80	1.92	10.4	1.6	0.4	46	5.6	4.7	0.2	136	0.04	0.108	7
1384751	Soil Pulp	7.8	33.0	16.4	138	0.2	24.8	4.7	260	3.37	19.1	1.7	1.1	20	0.2	3.4	0.3	134	0.02	0.114	8
REP 1384751	QC	8.0	34.7	16.8	139	0.2	25.6	4.7	269	3.47	20.2	2.1	1.1	21	<0.1	3.4	0.3	137	0.02	0.117	8
Reference Materials																					
STD DS8	Standard	11.9	94.7	117.0	279	1.7	32.5	6.5	546	2.22	22.5	115.2	5.9	57	2.1	4.9	5.7	37	0.61	0.074	14
STD DS8	Standard	11.3	118.0	128.7	317	1.8	40.7	7.7	599	2.46	24.5	113.1	5.8	57	2.4	4.9	6.5	40	0.63	0.077	11
STD DS8	Standard	13.1	105.3	122.1	303	1.8	38.1	7.4	592	2.35	23.0	111.6	6.0	61	2.1	5.1	6.0	42	0.66	0.081	15
STD DS8	Standard	13.6	107.8	119.8	301	1.8	36.4	7.5	596	2.38	24.8	117.7	6.3	61	2.3	5.4	6.3	41	0.66	0.080	15
STD DS8	Standard	12.5	112.4	124.2	315	1.8	39.3	7.6	599	2.41	24.3	107.3	6.3	70	2.3	5.2	6.7	37	0.66	0.079	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	0.04	2.4	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.02	<0.5	<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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Client: **Carlin Gold Corporation**
320 - 800 West Pender Street
Vancouver BC V6C 2V6 Canada

Project: CCJV
Report Date: October 01, 2011

QUALITY CONTROL REPORT VAN11004550.1

	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																	
1181376	Silt	18	0.32	729	0.003	3	1.33	0.010	0.07	0.1	0.23	3.7	0.2	0.13	3	4.0	<0.2
REP 1181376	QC	20	0.33	771	0.004	4	1.43	0.011	0.08	0.2	0.23	3.9	0.2	0.13	3	4.2	<0.2
1182577	Soil Pulp	16	0.08	137	0.006	1	0.80	0.005	0.04	0.2	0.04	1.3	0.2	<0.05	5	1.1	<0.2
REP 1182577	QC	16	0.08	136	0.007	<1	0.82	0.005	0.04	0.2	0.05	1.4	0.2	<0.05	5	1.1	<0.2
1373291	Soil Pulp	39	0.06	163	0.004	1	0.83	0.006	0.04	<0.1	0.03	1.0	0.1	<0.05	10	<0.5	<0.2
REP 1373291	QC	40	0.06	170	0.004	<1	0.83	0.006	0.04	<0.1	0.03	0.9	0.1	<0.05	10	<0.5	<0.2
1382032	Soil Pulp	7	0.03	307	0.002	2	0.55	0.007	0.04	0.1	0.03	0.3	<0.1	<0.05	2	<0.5	<0.2
REP 1382032	QC	7	0.03	297	0.002	2	0.54	0.007	0.04	0.1	0.02	0.4	<0.1	<0.05	2	<0.5	<0.2
1382435	Soil Pulp	16	0.25	65	0.002	2	1.32	0.004	0.07	<0.1	0.03	1.9	0.1	<0.05	4	0.7	<0.2
REP 1382435	QC	15	0.24	66	0.002	1	1.28	0.004	0.07	<0.1	0.03	1.8	0.1	<0.05	4	0.8	<0.2
1384565	Soil Pulp	10	0.02	160	0.002	<1	0.45	0.004	0.04	<0.1	0.03	1.6	0.1	<0.05	4	2.6	<0.2
REP 1384565	QC	10	0.02	163	0.004	1	0.45	0.004	0.05	<0.1	0.02	1.5	<0.1	<0.05	4	2.3	<0.2
1384742	Soil Pulp	21	0.06	485	0.004	3	0.58	0.007	0.12	<0.1	0.06	0.5	0.3	<0.05	3	4.0	<0.2
REP 1384742	QC	22	0.06	518	0.004	3	0.60	0.007	0.12	0.1	0.04	0.5	0.3	0.06	3	4.2	<0.2
1384751	Soil Pulp	21	0.14	123	0.010	1	0.89	0.003	0.05	0.2	0.03	1.3	0.1	<0.05	5	1.4	<0.2
REP 1384751	QC	22	0.14	125	0.008	2	0.90	0.003	0.05	0.2	0.02	1.3	0.1	<0.05	5	1.5	<0.2
Reference Materials																	
STD DS8	Standard	104	0.57	258	0.100	2	0.84	0.097	0.38	2.8	0.17	2.0	5.2	0.09	4	4.6	4.5
STD DS8	Standard	119	0.60	230	0.102	2	0.85	0.074	0.39	2.8	0.20	2.4	5.4	0.12	4	4.9	4.7
STD DS8	Standard	114	0.60	267	0.114	2	0.92	0.094	0.40	2.8	0.19	2.1	5.2	0.16	5	5.0	4.8
STD DS8	Standard	118	0.61	285	0.118	2	0.91	0.091	0.41	3.0	0.19	2.0	5.3	0.18	5	5.2	5.0
STD DS8	Standard	112	0.61	275	0.108	3	0.96	0.100	0.43	2.7	0.21	2.7	5.3	0.13	5	5.3	5.1
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
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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1020 Cordova St. East Vancouver BC V6A 4A3 Canada

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Client: **Carlin Gold Corporation**
320 - 800 West Pender Street
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Submitted By: Confirmation Email List
Receiving Lab: Canada-Vancouver
Received: September 07, 2011
Report Date: September 28, 2011
Page: 1 of 3

CERTIFICATE OF ANALYSIS VAN11004556.1

CLIENT JOB INFORMATION

Project: CCJV
Shipment ID:
P.O. Number STAN-09
Number of Samples: 38

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
No Prep	38	Sorting of samples on arrival and labeling			VAN
1DX2	38	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**
320 - 800 West Pender Street
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Project: CCJV
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS VAN11004556.1

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
1182834	Silt	6.0	74.7	11.4	334	1.3	52.7	7.3	341	1.92	45.9	8.5	1.4	85	5.1	5.2	0.2	104	0.35	0.178	9
1182835	Silt	8.0	84.3	10.5	4778	1.1	373.2	19.5	3880	1.82	20.0	9.4	2.2	96	16.5	4.0	0.2	128	0.53	0.207	15
1182836	Silt	6.9	37.1	13.2	178	2.6	32.0	35.4	2706	2.61	38.7	16.0	1.5	58	2.8	3.0	0.2	117	0.24	0.129	6
1182837	Silt	13.7	79.8	13.4	1577	1.6	270.8	43.2	6197	5.32	58.1	11.1	1.8	75	19.0	6.9	0.2	92	0.54	0.300	9
1182838	Silt	3.6	87.1	26.6	505	0.7	142.1	37.5	4028	4.35	38.5	11.5	2.6	37	5.7	5.3	0.3	42	0.21	0.078	6
1182839	Silt	3.7	46.0	12.5	223	0.9	50.3	13.8	2237	2.68	12.9	3.4	2.9	188	2.3	1.6	0.2	49	0.53	0.113	8
1384512	Soil Pulp	13.5	90.6	19.5	53	13.7	23.7	1.2	19	1.31	11.5	2.8	0.1	75	1.5	4.1	0.3	199	0.09	0.189	8
1384513	Soil Pulp	7.1	47.5	41.1	141	5.9	18.6	2.3	46	1.68	28.5	5.8	0.1	89	0.3	10.4	0.4	116	0.02	0.121	10
1384514	Soil Pulp	40.3	1846	43.5	190	15.1	27.1	0.6	30	3.56	51.4	4.1	0.5	64	123.0	11.7	0.2	439	0.15	1.363	9
1384515	Soil Pulp	10.0	50.5	16.7	46	4.3	9.9	0.7	16	0.66	6.0	0.8	<0.1	58	0.5	1.7	0.3	89	0.02	0.116	4
1384516	Soil Pulp	10.2	60.0	13.8	54	6.6	13.1	1.7	36	1.19	10.0	3.3	0.2	84	0.6	3.2	0.3	252	0.07	0.203	11
1384517	Soil Pulp	15.6	73.1	21.7	79	8.1	27.1	1.4	22	1.59	16.7	2.7	<0.1	141	4.8	3.0	0.3	116	0.14	0.343	7
1384518	Soil Pulp	21.3	57.3	12.3	85	6.2	20.7	3.0	116	3.20	31.2	8.1	1.0	124	1.0	7.2	0.2	278	0.27	0.691	11
1384519	Soil Pulp	26.6	92.3	21.8	114	6.5	19.3	1.3	24	1.54	21.5	1.4	0.2	87	0.9	11.0	0.3	269	0.04	0.138	8
1384520	Soil Pulp	23.9	103.4	20.8	218	8.3	28.8	1.6	22	1.83	30.6	2.0	<0.1	79	1.1	8.6	0.3	217	0.05	0.165	8
1384521	Soil Pulp	29.7	70.7	32.5	74	19.6	17.7	1.2	20	2.05	24.0	1.4	0.2	280	1.2	5.4	0.5	128	0.08	0.166	8
1384882	Soil Pulp	63.5	122.9	12.7	600	3.6	96.9	14.5	3294	4.38	46.7	9.5	3.0	145	4.2	10.2	0.2	414	0.42	1.076	9
1384883	Soil Pulp	27.5	57.6	31.8	73	5.8	15.1	1.6	40	2.42	21.2	1.3	0.2	183	0.9	7.2	0.4	155	0.05	0.132	9
1384884	Soil Pulp	5.6	23.4	9.4	39	1.1	6.4	1.1	25	0.63	7.3	1.1	0.1	27	0.5	1.7	0.2	60	0.02	0.042	16
1384885	Soil Pulp	6.3	16.1	15.0	77	1.4	10.3	1.9	66	1.67	15.5	1.5	0.3	31	0.2	2.9	0.4	162	0.03	0.131	13
1384886	Soil Pulp	4.1	4.0	28.4	6	2.5	1.1	0.1	4	0.43	2.2	1.7	0.1	12	<0.1	1.3	0.2	34	<0.01	0.018	1
1384888	Soil Pulp	15.0	73.5	15.9	208	1.0	38.0	7.0	224	2.97	36.8	8.5	2.4	89	1.1	9.1	0.3	243	0.32	0.284	19
1384889	Soil Pulp	9.0	18.5	10.1	42	1.4	5.9	0.7	18	0.70	8.0	0.9	0.1	33	0.9	3.0	0.2	74	0.01	0.087	5
1384890	Soil Pulp	13.1	21.6	11.3	46	1.2	8.9	1.1	31	1.64	29.4	3.4	0.9	52	0.6	7.3	0.2	167	0.10	0.255	6
1384891	Soil Pulp	10.1	30.2	17.3	104	1.0	16.8	3.1	87	2.07	20.8	2.9	0.4	48	0.5	4.5	0.3	151	0.08	0.159	14
1384892	Soil Pulp	9.7	22.0	11.5	78	1.8	10.9	1.8	35	1.15	7.7	1.5	0.4	26	0.6	4.1	0.2	115	0.01	0.051	10
1384893	Soil Pulp	8.6	62.9	11.7	232	1.0	32.9	5.3	206	2.38	29.0	6.9	1.4	52	2.0	6.1	0.3	207	0.26	0.242	14
1384894	Soil Pulp	6.9	32.6	9.7	101	1.0	15.0	1.9	61	1.49	17.1	2.5	0.4	39	0.8	4.5	0.2	127	0.13	0.168	8
1384895	Soil Pulp	6.3	47.5	7.7	42	1.5	8.6	1.3	21	0.98	9.4	0.9	<0.1	18	1.0	2.5	0.1	64	0.01	0.060	9
1384896	Soil Pulp	7.6	16.9	15.5	39	0.7	5.6	1.0	19	1.13	23.6	0.5	0.2	25	0.6	2.2	0.3	74	<0.01	0.062	7

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Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Carlin Gold Corporation**
320 - 800 West Pender Street
Vancouver BC V6C 2V6 Canada

Project: CCJV
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS VAN11004556.1

	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
1182834	Silt	19	0.18	951	0.005	5	0.79	0.004	0.13	0.2	0.49	2.3	0.4	0.13	2	4.8	<0.2
1182835	Silt	24	0.32	901	0.006	6	1.06	0.004	0.15	0.2	0.57	2.4	0.3	0.14	3	5.9	<0.2
1182836	Silt	25	0.19	1562	0.002	6	1.57	0.006	0.14	<0.1	1.30	3.2	0.5	0.07	4	6.5	<0.2
1182837	Silt	20	0.21	1066	0.005	6	1.41	0.006	0.16	0.1	0.57	3.2	0.8	0.10	3	16.5	<0.2
1182838	Silt	17	0.17	1169	0.003	6	1.03	0.004	0.14	0.1	0.30	3.7	0.8	0.08	3	4.2	<0.2
1182839	Silt	19	0.33	1457	0.002	7	1.30	0.016	0.12	0.2	0.31	4.2	0.2	0.07	3	3.3	<0.2
1384512	Soil Pulp	81	0.02	898	0.002	4	0.58	0.003	0.10	0.1	2.36	0.2	0.9	0.19	4	9.2	0.3
1384513	Soil Pulp	35	0.03	287	0.003	2	0.72	0.005	0.08	0.1	0.28	0.3	1.2	0.17	6	8.8	0.3
1384514	Soil Pulp	175	0.07	817	0.006	6	1.79	0.008	0.12	0.4	5.76	1.9	0.7	0.39	7	30.4	0.3
1384515	Soil Pulp	40	0.03	287	<0.001	3	0.72	0.004	0.07	0.1	0.40	<0.1	0.7	0.10	4	4.4	<0.2
1384516	Soil Pulp	54	0.05	541	0.003	3	0.86	0.003	0.07	0.1	0.23	0.3	0.7	0.06	5	6.8	<0.2
1384517	Soil Pulp	59	0.02	991	0.002	<1	1.06	0.004	0.11	0.1	0.48	0.1	0.7	0.26	4	14.8	0.3
1384518	Soil Pulp	61	0.18	742	0.011	3	1.23	0.006	0.10	0.4	0.49	1.4	0.7	0.17	6	12.4	0.3
1384519	Soil Pulp	56	0.03	520	0.003	3	0.58	0.003	0.11	0.2	0.27	0.3	1.2	0.21	6	18.0	0.3
1384520	Soil Pulp	51	0.04	370	0.001	2	0.76	0.004	0.11	0.2	0.66	0.1	1.3	0.24	5	12.7	0.3
1384521	Soil Pulp	43	0.02	383	0.003	2	0.53	0.006	0.17	0.2	1.38	0.3	1.8	0.54	3	26.2	0.4
1384882	Soil Pulp	50	0.07	2045	0.009	5	1.92	0.003	0.11	1.0	1.33	6.6	0.9	0.09	4	7.1	0.2
1384883	Soil Pulp	30	0.03	244	0.005	2	0.57	0.006	0.25	0.2	0.29	0.5	1.3	0.49	6	11.9	0.5
1384884	Soil Pulp	15	0.02	327	0.007	2	0.33	0.003	0.05	0.2	0.07	0.2	0.2	<0.05	3	1.2	<0.2
1384885	Soil Pulp	27	0.12	454	0.007	4	1.01	0.004	0.17	0.8	0.10	0.7	0.5	<0.05	6	1.8	<0.2
1384886	Soil Pulp	7	0.02	158	0.002	5	0.24	0.001	0.10	0.2	0.10	0.3	0.6	0.14	2	3.1	<0.2
1384888	Soil Pulp	37	0.32	1163	0.010	4	1.29	0.004	0.16	0.3	0.32	2.4	0.5	0.11	4	7.0	<0.2
1384889	Soil Pulp	14	0.02	459	0.002	2	0.34	0.003	0.08	0.1	0.10	0.2	0.5	0.12	3	3.8	<0.2
1384890	Soil Pulp	20	0.06	911	0.006	4	0.56	0.002	0.11	0.3	0.34	1.1	0.6	0.15	3	7.2	<0.2
1384891	Soil Pulp	24	0.12	391	0.005	1	0.83	0.003	0.10	0.2	0.04	0.8	0.5	0.11	5	4.6	<0.2
1384892	Soil Pulp	16	0.05	378	0.007	2	0.53	0.003	0.07	0.2	0.04	0.6	0.5	0.09	5	5.7	<0.2
1384893	Soil Pulp	39	0.29	1927	0.007	7	1.32	0.003	0.25	0.6	0.33	2.1	0.4	0.09	5	3.1	<0.2
1384894	Soil Pulp	22	0.14	1197	0.004	4	0.73	0.005	0.12	0.2	0.15	0.6	0.3	0.13	3	3.1	<0.2
1384895	Soil Pulp	12	0.02	337	0.004	2	0.67	0.010	0.06	0.1	0.07	0.2	0.2	0.08	3	2.9	<0.2
1384896	Soil Pulp	12	0.03	376	0.003	3	0.52	0.003	0.14	0.3	0.03	0.3	0.4	0.19	4	2.3	<0.2

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Client: **Carlin Gold Corporation**
320 - 800 West Pender Street
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Project: CCJV
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS VAN11004556.1

	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
1384897	Soil Pulp	10.1	24.2	11.1	87	3.2	16.6	1.7	29	1.02	10.1	1.3	<0.1	29	0.5	4.5	0.2	110	0.01	0.051	9
1384898	Soil Pulp	6.1	21.8	8.2	31	1.6	7.0	1.2	22	0.67	4.8	1.3	<0.1	20	0.6	2.7	0.1	73	0.02	0.052	7
1384899	Soil Pulp	10.8	22.6	12.1	80	1.9	12.7	2.0	37	1.23	20.4	0.9	0.1	30	0.3	3.7	0.2	117	0.02	0.067	10
1384900	Soil Pulp	7.0	25.1	16.2	79	0.6	10.8	2.1	42	1.65	17.9	<0.5	0.3	27	0.4	3.2	0.3	110	0.02	0.082	12
1384901	Soil Pulp	4.9	25.6	6.7	28	3.2	5.5	1.0	19	0.70	12.3	<0.5	<0.1	17	0.8	1.8	0.1	66	0.01	0.065	6
1384902	Soil Pulp	9.9	44.9	12.7	134	1.5	26.2	3.3	99	2.11	59.3	10.6	1.1	57	1.1	7.9	0.3	192	0.20	0.248	11
1384903	Soil Pulp	3.0	16.2	5.2	33	1.5	6.1	1.1	28	0.65	3.4	1.7	0.1	10	0.9	1.2	0.1	56	0.01	0.081	6
1384887	Soil Pulp	11.0	15.9	19.9	51	1.5	8.1	1.3	31	1.04	12.4	4.0	0.5	54	0.2	8.4	0.2	127	<0.01	0.046	6

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Client: **Carlin Gold Corporation**
320 - 800 West Pender Street
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Project: CCJV
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS VAN11004556.1

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
1384897	Soil Pulp	17	0.03	1140	0.004	2	0.35	0.004	0.09	0.2	0.04	0.2	0.4	0.10	3	5.0	<0.2
1384898	Soil Pulp	14	0.04	288	0.006	1	0.56	0.007	0.06	<0.1	0.09	0.2	0.4	0.07	4	3.0	<0.2
1384899	Soil Pulp	19	0.07	433	0.004	2	0.46	0.003	0.11	0.2	0.07	0.3	0.5	0.11	4	5.0	0.2
1384900	Soil Pulp	14	0.04	326	0.006	2	0.54	0.003	0.12	0.2	0.02	0.5	0.3	0.13	3	2.4	<0.2
1384901	Soil Pulp	13	0.02	236	0.003	1	0.53	0.009	0.05	<0.1	0.13	0.2	0.2	<0.05	3	2.0	<0.2
1384902	Soil Pulp	35	0.22	836	0.008	3	0.94	0.002	0.11	0.3	0.29	1.7	0.5	0.13	4	5.4	<0.2
1384903	Soil Pulp	11	0.03	316	0.003	1	0.43	0.010	0.04	<0.1	0.05	0.1	0.2	<0.05	3	1.5	<0.2
1384887	Soil Pulp	15	0.02	307	0.006	2	0.38	0.003	0.09	0.3	0.17	0.4	0.8	0.11	5	4.4	<0.2

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

Project: CCJV
Report Date: September 28, 2011

QUALITY CONTROL REPORT VAN11004556.1

	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																					
1384883	Soil Pulp	27.5	57.6	31.8	73	5.8	15.1	1.6	40	2.42	21.2	1.3	0.2	183	0.9	7.2	0.4	155	0.05	0.132	9
REP 1384883	QC	27.1	55.2	32.1	73	5.7	14.9	1.7	38	2.42	21.1	1.2	0.2	185	1.1	7.4	0.4	168	0.05	0.139	10
1384888	Soil Pulp	15.0	73.5	15.9	208	1.0	38.0	7.0	224	2.97	36.8	8.5	2.4	89	1.1	9.1	0.3	243	0.32	0.284	19
REP 1384888	QC	15.1	74.4	15.8	209	1.0	37.8	7.1	229	3.01	36.5	7.7	2.5	91	1.1	9.0	0.3	235	0.33	0.292	18
Reference Materials																					
STD DS8	Standard	12.8	104.9	119.5	282	1.8	36.2	7.3	565	2.24	24.4	102.2	6.5	57	2.3	5.5	6.4	38	0.63	0.072	15
STD DS8	Standard	12.9	106.6	118.0	305	1.6	37.0	7.2	586	2.27	24.7	122.5	6.1	56	2.3	5.4	6.3	40	0.62	0.076	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

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Project: CCJV
Report Date: September 28, 2011

QUALITY CONTROL REPORT VAN11004556.1

	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																	
1384883	Soil Pulp	30	0.03	244	0.005	2	0.57	0.006	0.25	0.2	0.29	0.5	1.3	0.49	6	11.9	0.5
REP 1384883	QC	31	0.03	436	0.005	3	0.58	0.006	0.25	0.3	0.29	0.4	1.5	0.49	6	12.0	0.5
1384888	Soil Pulp	37	0.32	1163	0.010	4	1.29	0.004	0.16	0.3	0.32	2.4	0.5	0.11	4	7.0	<0.2
REP 1384888	QC	37	0.31	1065	0.010	3	1.28	0.004	0.15	0.4	0.30	2.5	0.5	0.13	4	7.6	0.2
Reference Materials																	
STD DS8	Standard	106	0.55	261	0.102	3	0.82	0.077	0.36	2.9	0.19	1.9	5.4	0.16	4	4.6	5.0
STD DS8	Standard	114	0.60	270	0.105	3	0.86	0.085	0.38	2.9	0.17	1.9	5.4	0.20	4	4.6	4.6
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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Client: **Carlin Gold Corporation**
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Submitted By: Confirmation Email List
Receiving Lab: Canada-Vancouver
Received: September 14, 2011
Report Date: October 07, 2011
Page: 1 of 6

CERTIFICATE OF ANALYSIS VAN11004725.1

CLIENT JOB INFORMATION

Project: CCJV
Shipment ID:
P.O. Number RECY-STAN-01
Number of Samples: 150

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
No Prep	150	Sorting of samples on arrival and labeling			VAN
1DX2	149	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

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

Project: CCJV
Report Date: October 07, 2011

CERTIFICATE OF ANALYSIS VAN11004725.1

	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
1180698	Soil Pulp	16.1	125.7	37.6	447	3.2	76.3	8.2	623	2.40	43.8	12.9	0.9	109	4.8	12.3	0.5	110	0.38	0.163	18
1180766	Soil Pulp	4.1	73.6	15.1	435	0.9	80.7	10.6	579	2.34	18.8	9.0	1.1	58	5.2	3.4	0.2	45	0.60	0.128	9
1182619	Soil Pulp	8.8	84.1	19.0	469	1.0	68.5	9.0	694	2.30	26.6	2.7	1.4	141	4.1	4.2	0.2	118	1.02	0.350	9
1182620	Soil Pulp	6.8	115.4	25.0	403	1.8	61.3	9.8	175	2.36	59.3	10.8	1.7	102	4.7	7.2	0.2	77	0.92	0.338	16
1182629	Soil Pulp	4.7	69.3	18.9	620	1.4	61.6	9.5	344	2.04	16.0	4.9	1.5	88	7.4	2.9	0.2	132	0.85	0.284	10
1182630	Soil Pulp	5.3	21.6	8.0	90	1.1	20.3	8.6	1500	1.43	5.1	4.5	0.6	58	1.2	1.1	0.1	55	0.53	0.109	6
1182631	Soil Pulp	8.7	71.1	14.8	368	2.0	68.9	13.3	1644	2.15	15.6	6.7	1.1	86	7.2	3.3	0.2	83	0.60	0.159	7
1382082	Soil Pulp	1.9	16.2	2.5	7	0.8	3.3	0.4	17	0.32	1.2	0.9	<0.1	8	0.9	0.4	<0.1	17	0.02	0.055	2
1382083	Soil Pulp	3.9	20.3	5.9	31	2.8	4.9	1.1	20	0.53	3.3	0.9	<0.1	12	0.7	1.0	0.1	41	0.01	0.038	6
1382084	Soil Pulp	5.5	16.6	8.5	37	1.4	6.0	1.5	29	0.70	4.4	<0.5	<0.1	14	0.5	1.6	0.2	77	<0.01	0.039	6
1382085	Soil Pulp	4.8	16.0	7.8	43	0.8	5.8	1.3	36	0.68	4.4	0.7	<0.1	14	0.5	1.1	0.2	59	0.02	0.045	4
1382086	Soil Pulp	6.7	17.1	7.3	43	0.4	6.5	1.3	28	0.67	5.2	<0.5	<0.1	15	0.3	1.3	0.1	64	0.02	0.051	5
1382087	Soil Pulp	5.5	21.7	7.3	38	1.4	5.8	1.2	28	0.67	4.9	0.9	<0.1	15	0.6	1.5	0.1	54	0.01	0.053	5
1382088	Soil Pulp	5.1	22.6	6.7	35	2.0	5.7	1.4	27	0.67	4.1	0.9	<0.1	12	0.2	1.0	0.1	49	0.01	0.050	4
1382089	Soil Pulp	5.7	14.7	7.7	36	1.1	6.1	1.2	26	0.66	4.4	0.6	0.1	14	0.4	1.5	0.1	67	0.02	0.034	6
1382090	Soil Pulp	7.4	17.9	10.7	52	1.7	8.5	1.9	33	0.86	7.4	1.3	0.4	18	0.3	2.2	0.2	93	<0.01	0.043	4
1382091	Soil Pulp	4.1	22.6	5.5	29	1.5	5.6	1.2	23	0.59	3.2	<0.5	<0.1	11	1.4	0.8	0.1	45	0.02	0.060	6
1382092	Soil Pulp	6.5	19.2	8.5	49	1.3	7.4	1.7	30	0.74	6.0	0.8	0.1	17	0.2	1.4	0.2	74	<0.01	0.061	5
1382093	Soil Pulp	6.6	22.5	8.1	45	1.2	7.3	1.5	28	0.71	6.0	0.9	<0.1	15	0.5	1.6	0.1	68	0.02	0.051	5
1382094	Soil Pulp	4.0	15.5	6.3	29	1.5	4.4	1.0	20	0.51	3.4	0.8	<0.1	12	0.3	1.0	0.1	53	0.01	0.045	5
1382095	Soil Pulp	7.9	19.1	8.9	48	1.2	8.0	1.9	33	0.80	7.0	0.7	0.3	15	0.2	1.8	0.2	81	<0.01	0.039	5
1382096	Soil Pulp	14.1	125.8	9.4	26	4.6	26.1	1.2	21	2.10	12.4	9.7	0.1	19	1.3	6.8	0.2	208	0.01	0.379	5
1382097	Soil Pulp	2.6	61.3	8.6	19	11.9	9.0	0.7	21	0.47	2.4	<0.5	0.1	19	1.8	0.6	0.2	20	0.04	0.076	8
1382098	Soil Pulp	2.9	19.5	2.5	7	1.6	3.2	0.6	16	0.47	1.9	2.1	<0.1	10	0.2	1.0	<0.1	40	0.05	0.080	2
1382099	Soil Pulp	13.3	66.4	9.0	80	2.9	15.6	1.1	25	1.20	11.5	5.0	0.3	91	2.6	4.7	0.1	187	0.27	0.338	6
1382100	Soil Pulp	12.1	20.9	12.2	36	1.4	7.7	0.8	18	0.88	10.2	3.6	0.1	44	0.2	4.0	0.2	122	0.02	0.160	5
1382101	Soil Pulp	1.9	21.2	2.8	9	2.6	3.0	0.6	15	0.35	2.1	<0.5	<0.1	11	0.1	0.5	<0.1	18	0.02	0.026	5
1382102	Soil Pulp	7.4	21.1	10.4	66	1.4	12.8	2.1	61	1.85	17.1	6.1	1.4	40	0.6	3.2	0.3	148	0.11	0.260	8
1382103	Soil Pulp	10.1	16.3	15.3	32	2.4	6.4	0.9	24	0.67	7.8	1.0	<0.1	35	0.2	3.1	0.2	86	0.02	0.053	5
1382104	Soil Pulp	11.2	21.6	12.5	36	2.3	8.9	1.1	23	0.69	8.1	1.1	<0.1	42	0.2	3.4	0.3	91	0.02	0.085	7

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	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
1180698	Soil Pulp	16	0.12	780	0.004	2	0.45	0.004	0.10	0.4	0.89	1.9	0.5	0.14	1	7.3	<0.2
1180766	Soil Pulp	13	0.19	708	0.004	2	0.69	0.004	0.07	<0.1	0.45	2.4	0.2	0.08	2	2.4	<0.2
1182619	Soil Pulp	17	0.30	815	0.004	4	0.66	0.003	0.11	0.4	0.39	2.2	0.2	0.06	2	3.0	<0.2
1182620	Soil Pulp	15	0.32	753	0.003	4	0.84	0.003	0.13	<0.1	0.30	2.5	0.3	0.07	2	3.2	<0.2
1182629	Soil Pulp	18	0.27	1369	0.002	4	0.96	0.003	0.10	<0.1	0.59	2.5	0.3	0.07	2	2.2	<0.2
1182630	Soil Pulp	10	0.16	347	0.004	1	0.52	0.007	0.05	<0.1	0.43	1.4	0.2	0.08	2	4.3	<0.2
1182631	Soil Pulp	14	0.15	783	0.002	2	0.58	0.003	0.07	<0.1	0.72	2.3	0.4	0.06	2	5.1	<0.2
1382082	Soil Pulp	5	0.01	163	0.005	<1	0.38	0.012	0.02	<0.1	0.04	0.2	<0.1	<0.05	2	0.9	<0.2
1382083	Soil Pulp	11	0.02	288	0.005	2	0.36	0.003	0.04	<0.1	0.04	0.1	0.1	<0.05	3	1.0	<0.2
1382084	Soil Pulp	12	0.04	206	0.006	2	0.46	0.003	0.05	0.1	0.04	0.2	0.2	<0.05	3	0.9	<0.2
1382085	Soil Pulp	9	0.02	211	0.004	3	0.37	0.003	0.05	0.1	0.04	0.1	0.1	<0.05	3	<0.5	<0.2
1382086	Soil Pulp	11	0.02	240	0.002	2	0.39	0.002	0.05	0.1	0.03	0.2	0.1	<0.05	3	0.9	<0.2
1382087	Soil Pulp	11	0.02	213	0.003	2	0.41	0.005	0.05	0.1	0.06	0.1	0.2	<0.05	3	1.2	<0.2
1382088	Soil Pulp	12	0.02	266	0.004	2	0.47	0.004	0.05	0.1	0.06	0.2	0.1	<0.05	3	0.9	<0.2
1382089	Soil Pulp	12	0.02	194	0.005	3	0.36	0.004	0.05	0.1	0.03	0.2	0.2	<0.05	3	0.8	<0.2
1382090	Soil Pulp	11	0.03	313	0.003	3	0.52	0.003	0.07	0.1	0.07	0.6	0.2	0.07	4	1.4	<0.2
1382091	Soil Pulp	20	0.02	313	0.003	2	0.45	0.004	0.04	<0.1	0.03	0.1	<0.1	<0.05	3	1.1	<0.2
1382092	Soil Pulp	14	0.02	221	0.003	2	0.56	0.003	0.05	0.2	0.04	0.3	0.2	<0.05	4	1.1	<0.2
1382093	Soil Pulp	14	0.02	213	0.003	2	0.43	0.004	0.05	0.1	0.05	0.2	0.1	<0.05	3	1.1	<0.2
1382094	Soil Pulp	12	0.02	175	0.003	2	0.39	0.005	0.05	<0.1	0.04	0.1	0.1	<0.05	3	<0.5	<0.2
1382095	Soil Pulp	11	0.03	214	0.003	2	0.57	0.002	0.06	0.1	0.07	0.4	0.2	<0.05	4	1.2	<0.2
1382096	Soil Pulp	20	0.02	389	0.004	<1	1.04	0.007	0.05	0.1	1.44	0.3	0.6	0.06	4	6.9	0.2
1382097	Soil Pulp	15	<0.01	422	0.006	1	0.66	0.006	0.02	<0.1	0.12	0.2	<0.1	<0.05	2	1.3	<0.2
1382098	Soil Pulp	5	0.02	95	0.005	<1	0.52	0.014	0.02	<0.1	0.27	0.1	0.2	<0.05	3	1.8	<0.2
1382099	Soil Pulp	36	0.06	1439	0.004	4	0.71	0.004	0.11	0.2	0.99	0.9	0.6	0.12	3	8.9	0.3
1382100	Soil Pulp	25	0.03	426	0.003	4	0.43	0.004	0.07	0.3	0.59	0.2	0.8	0.12	5	6.8	0.2
1382101	Soil Pulp	7	<0.01	104	0.009	<1	0.45	0.011	0.02	0.1	0.12	0.2	<0.1	<0.05	2	0.6	<0.2
1382102	Soil Pulp	29	0.19	310	0.012	2	1.04	0.004	0.07	0.7	0.30	1.6	0.4	0.08	5	4.0	<0.2
1382103	Soil Pulp	16	0.01	282	0.005	<1	0.25	0.003	0.05	0.3	0.11	<0.1	0.3	0.06	3	2.6	<0.2
1382104	Soil Pulp	24	0.02	291	0.003	<1	0.34	0.003	0.05	0.3	0.19	<0.1	0.4	0.06	4	2.8	<0.2

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	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
1382105	Soil Pulp	5.1	11.1	7.5	17	0.5	3.4	0.5	13	0.39	4.5	1.1	<0.1	22	0.1	1.9	0.2	52	<0.01	0.039	9
1382106	Soil Pulp	3.2	21.1	4.8	10	3.1	8.6	0.8	24	0.36	1.5	<0.5	<0.1	18	1.6	0.3	0.1	21	0.06	0.044	3
1382107	Soil Pulp	7.8	34.0	12.3	20	1.5	12.5	0.7	17	0.49	2.5	2.3	<0.1	56	1.0	1.9	0.2	45	0.04	0.161	5
1382108	Soil Pulp	6.3	34.3	3.2	11	0.8	10.2	0.7	17	0.50	3.0	3.7	0.1	14	0.5	2.4	<0.1	63	0.03	0.120	4
1382109	Soil Pulp	3.3	12.7	3.4	12	0.2	3.5	1.0	22	0.46	3.0	2.3	<0.1	10	<0.1	0.8	<0.1	28	0.02	0.033	5
1382110	Soil Pulp	13.3	13.0	19.2	11	2.6	3.6	0.8	16	0.58	6.4	2.6	<0.1	39	<0.1	6.4	0.2	51	0.02	0.049	5
1382111	Soil Pulp	0.9	19.7	3.1	8	3.7	5.3	0.6	12	0.30	<0.5	1.2	<0.1	12	0.3	0.2	0.1	9	0.04	0.029	3
1382112	Soil Pulp	4.2	21.4	7.9	17	2.5	7.0	0.5	13	0.32	2.8	<0.5	<0.1	24	0.3	1.2	0.2	37	0.02	0.044	4
1382113	Soil Pulp	0.7	12.0	1.9	5	0.5	1.8	0.5	11	0.28	0.5	<0.5	<0.1	7	0.1	0.2	<0.1	9	0.02	0.028	2
1382114	Soil Pulp	18.1	33.9	10.6	17	3.2	7.7	0.7	13	0.61	13.0	<0.5	<0.1	59	0.3	3.0	0.2	48	0.03	0.165	7
1382115	Soil Pulp	10.1	14.3	11.8	24	3.3	5.1	1.1	21	0.70	6.5	2.0	<0.1	25	0.1	2.4	0.2	67	<0.01	0.039	7
1382116	Soil Pulp	9.8	26.1	9.7	29	0.6	10.3	1.2	26	0.81	6.9	1.0	<0.1	24	0.3	2.9	0.2	103	0.01	0.098	4
1382117	Soil Pulp	5.6	68.2	10.2	24	1.4	19.7	1.1	18	0.51	7.8	4.0	<0.1	34	0.5	1.3	0.2	82	0.03	0.053	6
1382487	Soil Pulp	3.9	20.2	4.2	96	1.7	15.3	1.1	26	0.69	8.9	1.2	<0.1	20	0.3	2.6	<0.1	64	0.05	0.074	3
1382488	Soil Pulp	3.1	40.3	4.3	64	3.8	13.9	1.1	16	0.58	5.8	<0.5	<0.1	16	0.7	1.6	<0.1	41	0.05	0.031	4
1382489	Soil Pulp	0.8	23.8	1.5	17	3.1	7.8	1.0	18	0.51	1.4	3.0	<0.1	14	0.4	0.9	<0.1	21	0.07	0.101	1
1382490	Soil Pulp	5.0	62.5	5.2	24	5.9	9.1	0.4	8	0.43	4.5	2.6	<0.1	59	0.8	2.8	0.1	101	0.04	0.105	2
1382491	Soil Pulp	3.7	28.3	6.0	29	1.6	5.3	0.4	8	0.45	4.1	0.8	<0.1	42	0.2	1.9	0.1	96	0.03	0.067	4
1382492	Soil Pulp	9.2	33.0	12.9	126	3.4	18.3	1.7	30	1.19	14.3	1.2	0.2	59	0.3	6.2	0.2	144	0.02	0.050	7
1382493	Soil Pulp	11.2	84.5	10.2	65	6.8	12.3	1.1	22	1.23	12.5	5.1	0.4	201	1.9	5.5	0.2	177	0.16	0.242	6
1382494	Soil Pulp	9.1	45.6	10.6	79	2.6	15.8	1.8	45	1.56	17.2	2.1	0.2	67	0.6	4.2	0.2	121	0.06	0.162	7
1382495	Soil Pulp	21.7	61.7	13.3	70	8.0	12.1	0.6	14	2.11	15.0	7.2	0.4	172	0.6	9.5	0.2	172	0.05	0.182	3
1382496	Soil Pulp	2.2	18.1	4.9	33	0.8	6.2	1.2	29	0.57	5.6	2.3	<0.1	17	0.3	1.2	<0.1	42	0.03	0.077	5
1382497	Soil Pulp	4.0	36.6	6.7	46	2.3	9.4	1.2	26	0.93	11.4	5.4	<0.1	43	0.5	2.4	0.1	51	0.03	0.159	4
1382498	Soil Pulp	2.8	46.2	10.6	32	2.8	8.6	1.0	45	0.81	9.3	6.4	0.1	30	0.6	1.7	0.2	43	0.03	0.115	7
1382499	Soil Pulp	8.4	48.6	15.7	68	2.2	14.2	1.5	25	1.39	21.1	3.9	0.1	35	0.7	3.0	0.2	90	0.01	0.125	6
1382500	Soil Pulp	5.0	34.4	9.5	121	1.0	23.9	8.9	380	2.75	30.5	4.0	1.0	46	0.4	3.8	0.1	83	0.16	0.384	9
1382854	Soil Pulp	2.4	38.9	6.6	42	0.4	14.1	4.5	260	1.69	13.4	2.2	0.1	13	0.2	0.5	0.1	46	0.02	0.075	4
1382855	Soil Pulp	4.9	81.2	17.5	148	0.1	58.6	28.1	2837	5.09	7.8	0.7	3.2	18	0.5	0.9	0.3	34	0.02	0.084	9
1382856	Soil Pulp	6.4	73.0	17.4	114	0.3	23.4	7.5	602	4.57	10.3	4.2	0.8	43	0.2	1.7	0.3	66	0.03	0.150	10

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

Project: CCJV
Report Date: October 07, 2011

CERTIFICATE OF ANALYSIS VAN11004725.1

	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
1382105	Soil Pulp	11	<0.01	235	0.004	<1	0.25	0.002	0.03	0.2	0.10	<0.1	0.2	<0.05	2	1.0	<0.2
1382106	Soil Pulp	12	<0.01	195	0.006	1	0.29	0.017	0.03	<0.1	0.08	0.3	<0.1	0.05	<1	1.2	<0.2
1382107	Soil Pulp	35	0.01	412	0.004	2	0.48	0.011	0.04	0.2	0.30	0.2	0.6	0.08	2	7.0	<0.2
1382108	Soil Pulp	12	0.01	147	0.003	<1	0.39	0.012	0.02	<0.1	0.93	0.3	0.3	<0.05	2	2.8	<0.2
1382109	Soil Pulp	8	0.01	55	0.005	<1	0.27	0.011	0.02	<0.1	0.08	<0.1	<0.1	<0.05	2	<0.5	<0.2
1382110	Soil Pulp	13	0.01	161	0.004	2	0.32	0.006	0.05	0.3	1.10	<0.1	0.5	0.07	4	3.4	0.2
1382111	Soil Pulp	9	<0.01	90	0.008	2	0.51	0.012	0.02	<0.1	0.11	0.3	<0.1	0.05	1	1.3	<0.2
1382112	Soil Pulp	15	<0.01	129	0.003	3	0.30	0.009	0.03	0.1	0.16	0.1	0.1	0.05	2	1.4	<0.2
1382113	Soil Pulp	4	<0.01	42	0.008	1	0.35	0.015	0.02	<0.1	0.06	0.3	<0.1	<0.05	1	<0.5	<0.2
1382114	Soil Pulp	46	<0.01	446	0.004	3	0.52	0.008	0.04	0.2	0.18	0.3	0.3	0.12	4	4.3	<0.2
1382115	Soil Pulp	11	0.01	424	0.004	<1	0.24	0.003	0.04	0.3	0.13	0.1	0.2	0.06	3	2.9	<0.2
1382116	Soil Pulp	13	0.01	218	0.001	<1	0.44	0.005	0.05	<0.1	0.19	0.3	0.3	0.07	3	2.5	<0.2
1382117	Soil Pulp	44	<0.01	224	0.004	2	0.48	0.007	0.02	<0.1	0.90	0.2	0.1	0.06	3	1.0	<0.2
1382487	Soil Pulp	13	0.02	118	0.001	2	0.29	0.010	0.04	<0.1	0.21	0.2	0.2	<0.05	2	1.7	<0.2
1382488	Soil Pulp	17	<0.01	160	0.009	2	0.31	0.011	0.03	<0.1	0.17	0.3	<0.1	<0.05	1	2.9	<0.2
1382489	Soil Pulp	5	0.01	62	0.003	<1	0.35	0.014	0.02	<0.1	0.37	0.3	<0.1	<0.05	1	1.6	<0.2
1382490	Soil Pulp	23	0.01	418	0.001	2	0.34	0.006	0.04	<0.1	0.36	0.4	0.4	0.11	2	5.1	<0.2
1382491	Soil Pulp	24	0.02	254	0.003	2	0.29	0.003	0.04	<0.1	0.10	0.2	0.3	<0.05	3	1.6	<0.2
1382492	Soil Pulp	25	0.02	202	0.007	2	0.36	0.003	0.06	0.1	0.06	0.6	0.4	0.09	4	4.2	<0.2
1382493	Soil Pulp	35	0.03	609	0.004	3	0.66	0.003	0.08	0.2	0.41	0.9	0.7	0.19	3	11.7	<0.2
1382494	Soil Pulp	23	0.07	462	0.007	2	0.53	0.004	0.08	0.2	0.50	0.6	0.4	0.13	3	5.4	<0.2
1382495	Soil Pulp	47	0.02	276	0.003	5	0.44	0.006	0.20	0.4	0.96	1.8	0.9	0.62	4	31.3	0.7
1382496	Soil Pulp	10	0.03	286	0.001	1	0.44	0.008	0.04	<0.1	0.17	0.2	0.1	<0.05	2	0.6	<0.2
1382497	Soil Pulp	12	0.03	533	0.001	2	0.51	0.006	0.05	<0.1	0.65	0.3	0.3	0.10	2	4.4	<0.2
1382498	Soil Pulp	14	0.03	500	0.002	2	0.55	0.004	0.05	<0.1	0.94	0.3	0.3	0.05	3	4.6	<0.2
1382499	Soil Pulp	16	0.02	446	0.002	3	0.71	0.005	0.06	0.1	0.30	0.3	0.2	0.09	4	4.3	0.3
1382500	Soil Pulp	22	0.15	425	0.007	3	0.94	0.003	0.08	0.5	0.18	1.3	0.2	0.09	3	2.3	<0.2
1382854	Soil Pulp	15	0.02	114	0.004	<1	0.92	0.010	0.04	<0.1	0.04	0.5	<0.1	0.08	5	<0.5	<0.2
1382855	Soil Pulp	19	0.21	410	0.005	1	1.52	0.004	0.15	<0.1	0.07	2.6	0.2	0.08	6	<0.5	<0.2
1382856	Soil Pulp	25	0.17	442	0.005	4	1.35	0.007	0.16	<0.1	0.09	0.9	0.2	0.13	6	1.1	<0.2

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	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
1382857	Soil Pulp	3.6	45.8	10.6	85	0.4	17.6	5.4	397	3.08	5.4	3.5	0.4	25	0.4	1.2	0.2	51	0.02	0.114	7
1383344	Soil Pulp	5.4	65.2	24.2	37	2.2	29.6	2.1	294	2.17	16.3	4.6	0.6	63	0.4	2.5	0.3	139	0.08	0.057	6
1383345	Soil Pulp	5.4	72.1	14.9	124	0.4	27.7	13.4	1114	2.76	10.9	4.9	0.6	48	1.0	1.7	0.2	60	0.14	0.180	12
1383346	Soil Pulp	2.0	136.8	20.7	170	0.2	39.7	25.1	4755	3.75	17.5	4.1	0.3	14	1.5	1.2	0.4	58	0.03	0.109	6
1383347	Soil Pulp	2.7	256.9	22.4	203	0.4	49.3	18.0	3284	5.75	12.5	41.1	2.2	42	1.3	1.4	0.4	66	0.04	0.155	7
1383348	Soil Pulp	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1383349	Soil Pulp	4.3	63.4	15.2	158	0.7	18.1	13.6	1668	2.30	7.2	3.7	0.3	20	6.3	2.0	0.2	103	0.11	0.182	6
1383350	Soil Pulp	3.9	89.6	13.0	236	0.5	39.5	17.8	848	3.24	6.6	2.8	0.6	12	1.2	2.0	0.2	99	0.12	0.159	5
1383541	Soil Pulp	3.6	22.1	3.2	9	3.4	3.2	0.5	10	0.39	1.8	<0.5	<0.1	12	0.2	0.4	<0.1	22	0.02	0.072	2
1383542	Soil Pulp	10.0	21.4	11.4	27	5.3	5.8	1.1	21	0.80	8.5	0.9	0.1	13	0.2	2.5	0.2	52	<0.01	0.047	6
1383543	Soil Pulp	6.6	25.2	8.0	31	1.7	5.0	0.8	13	0.82	5.7	2.0	<0.1	64	0.5	2.2	0.1	50	0.02	0.075	4
1383544	Soil Pulp	7.2	75.9	7.3	43	3.2	10.8	1.3	21	0.74	4.4	0.8	<0.1	28	1.4	1.5	0.2	76	0.03	0.078	7
1383545	Soil Pulp	13.6	175.2	17.6	63	2.3	15.8	1.6	35	1.73	20.9	6.7	<0.1	100	4.4	7.3	0.3	145	0.04	0.248	9
1383546	Soil Pulp	15.4	209.6	17.8	69	2.7	18.3	1.8	40	1.88	24.7	3.9	0.1	111	5.7	7.6	0.3	156	0.04	0.254	10
1383547	Soil Pulp	2.9	26.2	4.2	8	4.4	2.9	0.7	14	1.18	2.3	9.0	<0.1	15	0.8	1.6	<0.1	19	0.03	0.158	3
1383548	Soil Pulp	3.6	31.1	5.9	30	0.9	6.1	0.6	12	0.53	5.8	2.1	0.2	100	0.9	1.1	0.1	62	0.05	0.185	3
1383549	Soil Pulp	4.2	21.1	7.3	370	1.9	37.4	3.3	671	1.63	14.9	18.3	0.1	71	3.6	4.1	<0.1	88	0.19	0.104	2
1383550	Soil Pulp	9.3	88.2	16.0	30	1.7	32.4	1.3	21	0.79	5.1	<0.5	0.3	29	0.6	1.3	0.3	134	0.03	0.094	10
1383551	Soil Pulp	9.6	21.9	17.3	34	3.4	6.3	0.9	18	1.10	10.2	1.2	0.2	41	0.4	2.8	0.2	57	0.01	0.132	6
1383552	Soil Pulp	12.1	31.5	33.1	34	1.1	10.3	0.6	14	1.09	11.1	3.6	0.3	156	1.2	3.3	0.4	180	0.03	0.272	9
1383553	Soil Pulp	17.8	32.9	26.5	76	1.8	10.0	0.9	22	1.49	18.4	9.5	0.2	115	1.0	6.5	0.2	163	0.02	0.147	5
1383554	Soil Pulp	18.3	23.5	28.8	85	2.5	11.0	1.2	34	2.46	21.8	10.9	0.2	128	0.5	5.3	0.3	244	0.04	0.259	8
1383555	Soil Pulp	15.9	39.9	19.0	80	3.0	12.0	0.9	29	1.75	19.3	19.3	0.4	111	0.5	6.0	0.2	174	0.04	0.244	6
1383651	Soil Pulp	5.8	98.2	18.7	159	0.5	36.8	16.3	840	3.40	14.6	12.7	2.4	60	0.9	2.1	0.3	90	0.21	0.212	20
1383652	Soil Pulp	2.9	75.3	12.8	101	0.3	21.5	4.2	274	2.53	9.4	6.5	0.5	37	0.3	1.1	0.2	72	0.03	0.125	9
1383653	Soil Pulp	2.4	183.7	24.1	157	<0.1	72.8	9.0	497	4.40	22.6	3.4	1.0	74	0.2	1.3	0.5	99	0.05	0.162	5
1383654	Soil Pulp	13.8	195.8	40.2	178	0.8	109.0	26.0	6679	5.63	62.4	20.3	2.1	105	2.8	5.8	0.5	256	0.09	0.222	10
1383655	Soil Pulp	3.6	72.7	13.7	42	1.0	13.3	2.3	211	1.05	14.3	11.3	0.2	32	0.1	1.4	0.2	79	0.05	0.069	4
1383656	Soil Pulp	3.5	80.4	22.6	58	0.4	20.6	6.2	463	2.19	21.6	6.6	0.5	58	0.2	1.6	0.3	68	0.02	0.085	7
1383657	Soil Pulp	3.9	87.3	16.4	45	0.8	17.3	4.2	504	1.63	19.7	10.2	0.5	30	0.3	1.8	0.3	91	0.02	0.063	5

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	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
1382857	Soil Pulp	20	0.17	317	0.005	2	1.10	0.007	0.15	<0.1	0.08	0.7	0.2	0.10	5	<0.5	<0.2
1383344	Soil Pulp	41	0.05	141	0.005	3	0.38	0.005	0.32	<0.1	2.61	2.2	<0.1	0.62	4	3.3	0.3
1383345	Soil Pulp	18	0.44	772	0.003	2	1.25	0.005	0.19	<0.1	0.19	0.7	0.3	0.20	4	1.7	<0.2
1383346	Soil Pulp	22	0.10	888	0.005	1	0.97	0.003	0.10	<0.1	0.14	2.0	0.2	0.11	5	0.7	0.2
1383347	Soil Pulp	32	0.22	1426	0.004	2	1.53	0.003	0.14	<0.1	0.15	5.3	0.2	0.11	5	1.3	<0.2
1383348	Soil Pulp	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1383349	Soil Pulp	22	0.47	431	0.002	3	1.27	0.003	0.17	<0.1	0.12	0.4	0.3	0.14	5	1.2	<0.2
1383350	Soil Pulp	27	0.93	359	0.002	<1	1.75	0.001	0.13	<0.1	0.09	0.6	0.2	0.13	6	1.2	<0.2
1383541	Soil Pulp	4	<0.01	89	0.002	<1	0.34	0.010	0.02	<0.1	0.05	0.2	<0.1	<0.05	2	0.7	<0.2
1383542	Soil Pulp	14	0.01	189	0.003	2	0.39	0.005	0.07	0.2	0.13	0.2	0.2	0.11	4	4.8	<0.2
1383543	Soil Pulp	9	0.01	432	0.002	1	0.41	0.009	0.07	<0.1	0.24	0.3	0.4	0.17	2	9.1	0.2
1383544	Soil Pulp	17	0.01	324	0.002	2	0.62	0.007	0.04	0.1	0.23	0.3	0.2	0.06	3	3.2	<0.2
1383545	Soil Pulp	23	0.02	660	0.003	2	0.99	0.006	0.10	0.5	0.76	0.4	1.1	0.24	4	10.9	0.3
1383546	Soil Pulp	26	0.02	775	0.004	2	1.04	0.005	0.10	0.4	0.85	0.5	1.0	0.26	4	11.7	0.2
1383547	Soil Pulp	6	0.01	130	0.003	<1	0.98	0.016	0.04	<0.1	1.11	0.4	0.3	0.16	2	5.0	<0.2
1383548	Soil Pulp	20	0.02	523	0.003	2	0.48	0.012	0.04	<0.1	0.24	0.3	0.3	0.08	3	2.8	<0.2
1383549	Soil Pulp	13	0.03	482	0.009	1	0.81	0.023	0.07	<0.1	0.70	1.1	0.4	0.14	2	6.4	<0.2
1383550	Soil Pulp	47	0.01	474	0.007	4	0.97	0.006	0.03	0.2	1.45	0.4	0.1	0.08	5	3.2	0.3
1383551	Soil Pulp	17	0.01	271	0.005	2	0.45	0.016	0.11	0.2	0.19	0.3	1.0	0.18	3	3.7	0.3
1383552	Soil Pulp	46	0.04	807	0.005	4	0.87	0.002	0.11	0.2	0.61	0.3	1.9	0.09	10	4.8	0.3
1383553	Soil Pulp	28	0.03	666	0.004	5	0.57	0.005	0.15	0.3	0.63	0.5	1.3	0.23	5	8.6	<0.2
1383554	Soil Pulp	41	0.07	850	0.004	5	1.09	0.003	0.16	0.5	0.45	0.4	1.6	0.20	7	9.7	<0.2
1383555	Soil Pulp	27	0.04	625	0.007	5	0.79	0.006	0.14	0.3	1.27	0.6	1.2	0.19	5	11.7	0.2
1383651	Soil Pulp	28	0.63	405	0.011	6	1.76	0.006	0.31	<0.1	0.14	2.3	0.3	0.07	5	1.9	<0.2
1383652	Soil Pulp	23	0.19	483	0.006	2	1.11	0.003	0.14	<0.1	0.09	0.9	0.2	<0.05	5	1.8	<0.2
1383653	Soil Pulp	31	0.09	1312	0.009	2	1.42	0.002	0.10	<0.1	0.10	4.4	<0.1	<0.05	7	0.9	0.3
1383654	Soil Pulp	55	0.14	1455	0.004	4	1.47	0.003	0.22	0.1	0.55	6.7	0.7	0.23	5	3.2	0.4
1383655	Soil Pulp	34	0.05	482	0.007	2	0.55	0.012	0.10	<0.1	0.71	1.3	0.2	0.07	4	1.7	<0.2
1383656	Soil Pulp	29	0.08	442	0.007	4	0.79	0.007	0.16	<0.1	0.21	2.2	0.2	0.12	5	1.1	0.2
1383657	Soil Pulp	39	0.08	448	0.006	4	0.62	0.003	0.17	<0.1	0.40	1.7	0.3	0.14	4	1.6	<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
1383658	Soil Pulp	3.6	119.4	13.4	93	0.2	34.1	7.8	555	3.29	44.1	4.2	0.3	33	0.2	1.2	0.3	127	0.03	0.126	4
1383659	Soil Pulp	10.7	99.4	28.0	133	0.5	52.0	36.3	3187	4.83	12.7	9.5	7.3	51	0.8	1.5	0.2	53	0.37	0.119	35
1383660	Soil Pulp	2.3	38.0	12.6	104	0.2	14.8	11.9	1511	2.18	5.0	2.6	0.5	25	1.0	0.8	0.2	44	0.19	0.161	11
1383661	Soil Pulp	8.5	74.4	19.2	323	0.2	113.3	36.1	>10000	7.51	10.9	10.0	2.5	78	4.3	1.1	0.2	45	0.03	0.137	12
1383662	Soil Pulp	3.6	81.4	12.9	2	1.5	16.9	0.2	10	0.32	5.3	9.8	0.6	44	0.2	1.8	0.2	74	0.02	0.037	4
1383663	Soil Pulp	4.5	40.1	9.1	51	0.3	9.6	2.4	90	1.02	11.1	1.2	0.2	38	0.6	0.7	0.2	83	0.04	0.068	5
1383664	Soil Pulp	3.6	198.5	20.1	156	0.2	51.0	9.1	293	5.32	26.1	7.7	1.4	40	0.2	2.0	0.4	149	0.02	0.157	6
1383665	Soil Pulp	5.1	59.2	15.3	43	1.1	15.8	4.2	416	1.68	21.6	11.3	0.9	45	0.3	2.3	0.2	98	0.02	0.063	6
1383666	Soil Pulp	2.4	128.5	11.9	166	<0.1	58.0	18.6	1406	3.72	8.7	1.9	1.4	15	0.3	0.8	0.3	52	0.01	0.065	6
1383667	Soil Pulp	2.4	258.7	28.1	339	0.4	146.0	27.7	4727	5.17	7.0	63.2	4.8	59	8.0	1.1	0.3	69	0.08	0.173	14
1383668	Soil Pulp	2.5	50.8	11.9	75	0.1	17.8	10.1	1979	2.77	12.7	1.6	0.4	21	0.2	1.0	0.2	63	0.03	0.125	9
1383669	Soil Pulp	3.2	41.1	9.8	77	0.2	13.1	4.1	236	1.72	10.0	1.3	0.4	15	<0.1	1.1	0.2	70	0.02	0.081	10
1383670	Soil Pulp	3.2	73.5	12.4	116	0.2	34.4	10.3	792	2.92	10.4	8.7	1.7	23	0.3	1.4	0.2	66	0.08	0.080	17
1383671	Soil Pulp	1.8	28.8	7.7	42	<0.1	9.5	3.9	321	1.58	5.7	0.7	0.1	13	0.1	0.6	0.2	47	0.04	0.096	7
1383672	Soil Pulp	7.4	72.6	17.1	86	0.8	26.1	6.4	440	2.71	16.1	8.1	1.5	52	0.5	2.6	0.2	104	0.05	0.085	9
1383673	Soil Pulp	7.3	71.1	19.2	88	1.0	24.2	8.3	859	3.29	24.3	8.7	0.9	56	0.3	2.4	0.3	112	0.03	0.125	8
1383674	Soil Pulp	1.7	26.7	4.7	18	0.6	9.2	1.2	44	0.66	3.4	3.7	<0.1	18	0.2	0.7	<0.1	41	0.04	0.056	3
1383675	Soil Pulp	6.2	116.4	20.4	153	0.5	42.6	19.2	959	3.78	12.4	7.5	6.5	64	1.0	1.9	0.2	78	0.19	0.138	18
1383676	Soil Pulp	5.7	54.6	11.5	92	0.2	16.5	6.4	799	2.89	8.8	7.5	1.1	24	0.6	1.5	0.2	57	0.03	0.143	11
1383677	Soil Pulp	3.9	142.7	16.6	26	1.4	11.5	1.7	55	1.47	9.0	13.0	1.1	58	0.2	1.8	0.2	76	0.02	0.067	8
1383678	Soil Pulp	2.5	97.1	15.5	80	0.2	23.9	5.3	500	2.82	12.9	1.9	1.0	27	0.2	1.1	0.5	79	0.04	0.084	7
1383679	Soil Pulp	5.3	86.6	18.8	89	0.4	31.0	10.1	853	3.36	29.3	3.5	0.4	34	0.3	1.7	0.4	127	0.02	0.122	8
1383680	Soil Pulp	6.8	146.3	13.7	18	2.6	11.1	1.1	66	1.08	12.7	21.2	0.5	29	0.3	2.6	0.3	94	<0.01	0.065	4
1383681	Soil Pulp	2.0	160.8	20.7	268	0.3	93.5	29.6	3626	4.52	29.3	13.1	2.4	86	0.8	1.0	0.4	59	0.03	0.115	7
1383682	Soil Pulp	6.2	72.6	15.6	133	0.3	26.0	9.7	878	3.19	10.7	8.2	1.0	56	0.3	1.3	0.2	72	0.07	0.184	10
1385401	Soil Pulp	4.3	13.6	9.5	55	0.8	9.1	2.0	47	0.97	12.5	1.1	0.3	20	0.1	2.0	0.2	57	<0.01	0.037	11
1385402	Soil Pulp	3.7	20.7	8.7	51	0.8	8.1	3.2	102	0.96	12.7	4.6	0.4	20	0.3	1.8	0.1	62	0.02	0.072	8
1385403	Soil Pulp	5.8	21.2	16.0	105	0.8	14.2	2.9	74	1.90	21.4	0.6	0.4	29	0.6	3.2	0.3	113	0.02	0.069	12
1385404	Soil Pulp	5.8	29.1	11.1	116	1.3	11.7	3.4	208	1.25	11.7	1.4	0.3	51	0.3	2.5	0.2	78	0.02	0.037	9
1385405	Soil Pulp	12.2	37.0	15.6	22	7.4	5.7	0.6	9	0.96	1.9	2.2	0.5	80	0.3	2.7	0.3	83	0.02	0.108	3

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

Project: CCJV
Report Date: October 07, 2011

CERTIFICATE OF ANALYSIS VAN11004725.1

	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
1383658	Soil Pulp	36	0.09	259	0.005	3	0.95	0.005	0.12	<0.1	0.14	1.9	0.2	0.07	5	1.9	<0.2
1383659	Soil Pulp	26	1.32	1036	0.004	5	2.45	0.004	0.31	<0.1	0.20	6.7	0.4	0.06	6	1.4	<0.2
1383660	Soil Pulp	20	0.42	581	0.003	5	1.31	0.006	0.22	<0.1	0.07	0.7	0.2	0.10	5	0.9	<0.2
1383661	Soil Pulp	21	0.17	1082	0.007	4	1.61	0.004	0.18	<0.1	0.21	3.5	0.4	0.07	5	0.8	<0.2
1383662	Soil Pulp	35	0.02	507	0.004	5	0.23	0.002	0.09	<0.1	1.30	1.6	0.1	0.06	3	2.7	0.2
1383663	Soil Pulp	23	0.04	316	0.002	4	0.39	0.002	0.12	<0.1	0.34	0.8	0.2	0.06	3	<0.5	<0.2
1383664	Soil Pulp	57	0.07	832	0.004	4	1.27	0.002	0.14	<0.1	0.11	3.9	0.3	0.09	5	1.7	0.2
1383665	Soil Pulp	30	0.08	481	0.004	3	0.53	0.004	0.15	<0.1	0.40	1.6	0.3	0.17	3	2.6	<0.2
1383666	Soil Pulp	23	0.10	382	0.007	2	1.01	0.002	0.09	<0.1	0.03	2.6	0.1	<0.05	4	<0.5	0.2
1383667	Soil Pulp	39	0.35	2488	0.005	4	2.27	0.003	0.27	<0.1	0.16	7.8	0.3	<0.05	7	1.5	<0.2
1383668	Soil Pulp	22	0.20	211	0.012	4	1.08	0.011	0.17	<0.1	0.05	1.2	0.2	0.06	5	0.8	<0.2
1383669	Soil Pulp	16	0.09	176	0.008	3	0.68	0.002	0.17	<0.1	0.05	0.8	0.1	0.07	5	0.7	<0.2
1383670	Soil Pulp	25	0.48	306	0.023	4	1.66	0.005	0.16	<0.1	0.08	2.9	0.2	<0.05	5	1.4	<0.2
1383671	Soil Pulp	12	0.07	239	0.006	3	0.84	0.010	0.11	<0.1	0.05	0.2	0.1	0.07	4	0.7	<0.2
1383672	Soil Pulp	29	0.26	591	0.005	4	1.03	0.006	0.22	<0.1	0.44	1.9	0.3	0.24	4	1.5	<0.2
1383673	Soil Pulp	33	0.23	547	0.006	4	1.04	0.007	0.27	<0.1	0.37	1.8	0.4	0.32	5	3.3	<0.2
1383674	Soil Pulp	12	0.03	300	0.006	1	0.29	0.015	0.07	<0.1	0.20	0.4	0.1	0.09	1	1.4	<0.2
1383675	Soil Pulp	29	0.79	890	0.011	6	1.83	0.006	0.37	<0.1	0.24	4.9	0.3	0.11	6	1.4	<0.2
1383676	Soil Pulp	17	0.24	244	0.006	2	1.13	0.007	0.18	<0.1	0.16	0.9	0.2	0.17	5	0.9	<0.2
1383677	Soil Pulp	24	0.07	722	0.003	4	0.55	0.002	0.14	<0.1	1.43	2.4	0.3	0.29	2	1.6	<0.2
1383678	Soil Pulp	29	0.08	492	0.008	4	0.87	0.002	0.09	<0.1	0.09	1.8	0.1	0.06	6	1.2	0.3
1383679	Soil Pulp	30	0.12	345	0.006	2	0.90	0.003	0.12	<0.1	0.11	1.1	0.2	0.24	5	1.6	0.3
1383680	Soil Pulp	40	0.04	361	0.003	3	0.38	0.002	0.11	<0.1	1.75	1.1	0.2	0.23	3	2.7	<0.2
1383681	Soil Pulp	21	0.17	888	0.003	2	1.21	0.004	0.20	<0.1	0.08	5.5	0.1	<0.05	5	2.7	0.3
1383682	Soil Pulp	21	0.35	480	0.006	5	1.28	0.004	0.27	<0.1	0.21	0.8	0.3	0.22	5	0.8	<0.2
1385401	Soil Pulp	11	0.04	188	0.008	2	0.46	0.004	0.06	0.2	0.04	0.6	0.3	0.05	5	0.6	<0.2
1385402	Soil Pulp	11	0.04	260	0.006	4	0.61	0.007	0.05	0.2	0.14	0.4	0.2	<0.05	4	1.4	<0.2
1385403	Soil Pulp	15	0.06	192	0.007	6	0.64	0.004	0.07	0.2	0.06	0.8	0.3	0.09	6	3.3	<0.2
1385404	Soil Pulp	17	0.05	226	0.029	4	0.40	0.003	0.07	<0.1	0.07	1.1	0.3	0.07	5	7.8	0.2
1385405	Soil Pulp	30	0.03	289	0.005	5	0.49	0.006	0.12	0.2	0.49	1.0	1.0	0.26	5	20.8	0.4

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Project: CCJV
Report Date: October 07, 2011

CERTIFICATE OF ANALYSIS VAN11004725.1

	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
1385406	Soil Pulp	5.6	18.6	16.2	22	0.9	1.9	0.6	14	1.48	18.4	5.6	0.3	303	0.3	3.3	0.2	46	0.03	0.109	1
1385407	Soil Pulp	5.9	43.3	9.2	18	4.5	8.4	0.5	11	0.70	4.4	3.1	0.2	51	0.3	2.1	0.2	56	0.02	0.102	3
1385408	Soil Pulp	5.0	16.4	13.2	67	1.5	9.8	1.8	45	1.43	19.6	2.2	0.5	38	0.2	2.7	0.2	91	0.01	0.110	8
1385409	Soil Pulp	5.7	22.4	15.5	89	0.8	13.4	1.8	35	1.16	25.5	1.1	0.3	41	0.1	2.7	0.2	67	<0.01	0.040	8
1385410	Soil Pulp	1.4	129.4	8.6	33	1.3	11.5	1.0	48	0.72	32.5	19.8	0.5	29	1.2	1.1	0.1	29	0.04	0.068	7
1385411	Soil Pulp	6.2	41.9	18.6	126	0.6	17.1	2.9	31	1.57	112.3	4.1	0.9	56	0.2	3.5	0.3	77	0.02	0.052	6
1385412	Soil Pulp	1.5	26.3	8.8	28	1.0	7.6	1.1	18	0.78	13.5	13.6	0.4	28	0.5	1.2	0.1	35	0.03	0.048	4
1385413	Soil Pulp	2.9	55.0	19.3	75	1.4	19.2	2.2	41	1.97	42.4	19.3	1.4	69	0.8	3.2	0.3	73	0.06	0.097	5
1385414	Soil Pulp	5.9	44.7	20.3	147	0.8	26.3	4.2	61	2.20	46.5	6.4	0.2	108	0.3	4.0	0.2	73	0.03	0.114	4
1385415	Soil Pulp	7.8	34.6	16.5	129	1.2	20.1	3.3	84	2.15	37.1	5.0	0.3	51	0.4	5.4	0.2	118	0.03	0.137	8
1385416	Soil Pulp	1.3	13.8	3.7	22	0.7	5.6	1.3	23	0.70	4.1	2.3	0.1	15	0.1	0.7	<0.1	28	0.02	0.082	3
1385417	Soil Pulp	6.2	43.9	11.6	192	0.5	30.2	5.1	203	2.34	40.1	6.1	0.9	46	0.5	3.8	0.2	99	0.17	0.171	14
1385418	Soil Pulp	4.1	29.4	8.6	73	1.5	14.5	1.9	44	1.19	24.1	9.7	0.2	37	0.4	2.7	0.1	75	0.06	0.092	6
1385419	Soil Pulp	11.0	40.0	14.1	111	2.3	19.4	2.0	48	1.72	45.4	9.2	0.4	71	0.6	7.8	0.2	159	0.04	0.170	6
1385420	Soil Pulp	6.3	44.9	10.3	170	0.9	30.8	4.2	115	1.94	23.4	3.5	0.5	30	1.1	3.1	0.2	85	0.13	0.114	14
1385421	Soil Pulp	6.1	51.2	14.9	169	1.5	30.0	5.5	216	2.72	43.3	5.7	2.2	58	1.1	5.0	0.3	107	0.13	0.204	11
1385422	Soil Pulp	4.9	22.2	9.2	67	2.1	11.2	1.3	25	0.80	10.2	<0.5	0.2	35	0.1	4.0	0.1	57	0.02	0.032	5
1385423	Soil Pulp	4.9	16.8	13.0	108	1.0	14.4	2.8	45	1.20	34.5	<0.5	0.5	22	0.3	2.9	0.2	74	0.01	0.043	12
1385424	Soil Pulp	5.5	24.2	7.9	77	2.4	10.3	2.1	37	0.93	11.5	<0.5	<0.1	25	0.2	2.2	0.2	61	<0.01	0.043	14
1385425	Soil Pulp	7.5	23.9	11.1	82	1.6	14.0	2.1	47	1.29	16.6	<0.5	0.2	31	0.3	2.8	0.2	93	0.02	0.042	11
1385426	Soil Pulp	1.6	13.5	3.7	24	1.5	4.3	1.0	26	0.52	2.6	2.0	<0.1	14	0.2	0.4	<0.1	28	0.03	0.027	10
1385427	Soil Pulp	2.1	8.9	6.4	31	1.0	5.4	0.7	19	0.41	3.4	<0.5	0.5	10	0.1	1.2	0.1	47	0.01	0.018	7
1385428	Soil Pulp	5.4	19.4	18.5	69	1.3	9.6	1.7	62	1.23	15.8	0.9	0.2	33	0.1	2.4	0.2	84	0.01	0.051	8
1385429	Soil Pulp	2.7	14.6	4.7	34	1.7	6.8	1.6	33	0.73	4.5	<0.5	0.1	15	0.3	1.0	0.2	35	0.03	0.027	10
1385430	Soil Pulp	2.6	11.6	6.1	46	0.7	5.7	1.0	39	0.56	4.0	1.6	0.2	11	<0.1	1.0	0.1	41	<0.01	0.026	7
1385431	Soil Pulp	2.0	15.8	3.8	39	1.3	5.2	1.0	32	0.54	3.4	<0.5	<0.1	9	0.6	0.7	0.1	39	<0.01	0.040	7
1385432	Soil Pulp	5.4	22.4	9.8	85	0.7	11.7	2.4	47	1.38	17.5	0.6	1.0	12	0.3	2.5	0.2	88	<0.01	0.041	10
1385433	Soil Pulp	3.1	12.2	6.9	56	1.6	7.0	1.5	41	0.82	10.4	1.3	0.2	12	0.1	1.6	0.1	49	<0.01	0.035	8
1385434	Soil Pulp	3.4	15.1	10.2	65	0.7	12.1	2.5	67	1.39	13.1	2.5	1.4	18	0.2	1.8	0.2	67	0.06	0.059	13
1382858	Soil Pulp	8.8	85.8	27.6	133	0.2	42.6	15.9	1352	5.31	23.8	2.6	4.4	33	0.3	2.7	0.4	50	0.01	0.086	11

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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
1385406	Soil Pulp	10	0.03	664	0.005	6	0.47	0.006	0.21	<0.1	0.81	0.6	0.8	0.40	3	3.1	<0.2
1385407	Soil Pulp	18	0.02	400	0.003	5	0.36	0.003	0.10	0.2	0.82	0.5	0.3	0.12	3	7.0	0.4
1385408	Soil Pulp	13	0.05	218	0.007	2	0.51	0.004	0.09	0.1	0.08	0.8	0.3	0.07	5	5.0	<0.2
1385409	Soil Pulp	11	0.02	221	0.004	2	0.32	0.002	0.08	0.1	0.03	0.5	0.3	0.07	3	2.2	<0.2
1385410	Soil Pulp	13	0.03	1929	0.006	4	0.65	0.008	0.06	<0.1	0.36	2.4	0.2	0.05	3	2.9	<0.2
1385411	Soil Pulp	14	0.03	343	0.004	7	0.44	0.004	0.11	0.1	0.07	1.2	0.4	0.11	4	5.4	<0.2
1385412	Soil Pulp	11	0.03	620	0.008	2	0.39	0.012	0.06	<0.1	0.30	1.2	0.2	0.06	2	2.8	<0.2
1385413	Soil Pulp	19	0.09	2544	0.003	7	1.01	0.004	0.13	<0.1	0.77	3.0	0.7	0.11	3	3.5	<0.2
1385414	Soil Pulp	14	0.05	610	0.003	3	0.56	0.007	0.13	0.1	0.22	0.8	0.6	0.15	3	4.6	0.3
1385415	Soil Pulp	21	0.09	344	0.004	2	0.66	0.002	0.10	0.2	0.21	0.6	0.5	0.09	4	4.5	<0.2
1385416	Soil Pulp	8	0.05	186	0.004	2	0.41	0.014	0.04	<0.1	0.24	0.2	0.1	0.05	2	1.8	<0.2
1385417	Soil Pulp	24	0.26	501	0.007	5	0.93	0.003	0.12	0.2	0.17	1.4	0.3	<0.05	3	3.9	<0.2
1385418	Soil Pulp	15	0.09	395	0.003	3	0.55	0.011	0.08	<0.1	0.35	0.5	0.3	<0.05	2	2.7	<0.2
1385419	Soil Pulp	27	0.05	386	0.006	4	0.56	0.007	0.09	0.2	0.34	0.9	0.8	0.13	5	8.7	0.3
1385420	Soil Pulp	20	0.25	550	0.006	3	0.93	0.006	0.09	0.3	0.15	1.0	0.2	<0.05	3	1.7	<0.2
1385421	Soil Pulp	24	0.19	635	0.008	4	1.04	0.004	0.11	0.2	0.33	2.2	0.4	0.08	4	4.8	0.3
1385422	Soil Pulp	13	0.02	210	0.007	5	0.35	0.012	0.06	<0.1	0.07	0.6	0.3	0.09	3	3.5	0.4
1385423	Soil Pulp	11	0.03	131	0.005	2	0.47	0.003	0.07	0.2	0.01	0.6	0.2	<0.05	5	2.0	<0.2
1385424	Soil Pulp	19	0.02	461	0.007	4	0.51	0.004	0.05	<0.1	0.08	0.3	<0.1	<0.05	4	2.4	<0.2
1385425	Soil Pulp	19	0.03	352	0.008	5	0.39	0.006	0.08	0.2	0.06	0.5	0.3	0.08	4	3.4	<0.2
1385426	Soil Pulp	12	0.03	225	0.010	2	0.33	0.012	0.04	<0.1	0.06	0.2	<0.1	<0.05	2	0.9	<0.2
1385427	Soil Pulp	12	0.02	113	0.007	4	0.37	0.003	0.04	0.1	0.03	0.4	0.2	<0.05	3	1.2	<0.2
1385428	Soil Pulp	14	0.02	379	0.006	4	0.44	0.003	0.07	0.1	0.08	0.4	0.3	0.08	5	4.6	0.3
1385429	Soil Pulp	12	0.01	310	0.008	1	0.30	0.010	0.03	<0.1	0.04	0.2	<0.1	<0.05	3	2.1	<0.2
1385430	Soil Pulp	9	0.02	182	0.004	4	0.25	0.004	0.05	0.1	0.04	0.2	0.1	<0.05	2	1.8	<0.2
1385431	Soil Pulp	18	0.01	239	0.003	2	0.23	0.009	0.04	<0.1	0.04	0.2	<0.1	<0.05	2	0.8	<0.2
1385432	Soil Pulp	13	0.04	193	0.004	3	0.72	0.002	0.08	<0.1	0.06	1.0	0.2	<0.05	5	0.9	<0.2
1385433	Soil Pulp	9	0.02	166	0.007	3	0.35	0.003	0.07	<0.1	0.07	0.4	0.1	<0.05	3	1.3	<0.2
1385434	Soil Pulp	16	0.12	220	0.011	1	0.79	0.004	0.07	0.2	0.06	1.1	0.2	<0.05	4	1.0	<0.2
1382858	Soil Pulp	25	0.22	382	0.003	3	1.34	0.003	0.24	<0.1	0.09	2.8	0.2	0.14	5	1.7	0.3

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

Project: CCJV
Report Date: October 07, 2011

QUALITY CONTROL REPORT VAN11004725.1

	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																					
1382082	Soil Pulp	1.9	16.2	2.5	7	0.8	3.3	0.4	17	0.32	1.2	0.9	<0.1	8	0.9	0.4	<0.1	17	0.02	0.055	2
REP 1382082	QC	1.9	16.9	2.4	9	0.9	2.9	0.5	20	0.33	1.2	<0.5	<0.1	8	0.8	0.4	<0.1	18	0.02	0.056	2
1382105	Soil Pulp	5.1	11.1	7.5	17	0.5	3.4	0.5	13	0.39	4.5	1.1	<0.1	22	0.1	1.9	0.2	52	<0.01	0.039	9
REP 1382105	QC	5.1	11.4	7.5	17	0.6	3.5	0.5	13	0.38	4.5	1.2	<0.1	22	0.1	1.9	0.1	52	<0.01	0.040	8
1382492	Soil Pulp	9.2	33.0	12.9	126	3.4	18.3	1.7	30	1.19	14.3	1.2	0.2	59	0.3	6.2	0.2	144	0.02	0.050	7
REP 1382492	QC	9.4	32.2	12.4	124	3.2	18.2	1.7	31	1.17	13.8	2.4	0.3	59	0.2	5.7	0.2	146	0.02	0.044	7
1382500	Soil Pulp	5.0	34.4	9.5	121	1.0	23.9	8.9	380	2.75	30.5	4.0	1.0	46	0.4	3.8	0.1	83	0.16	0.384	9
REP 1382500	QC	5.6	37.4	10.0	127	1.1	25.5	9.2	408	2.88	32.3	9.2	1.2	48	0.5	3.9	0.2	92	0.18	0.384	10
1383551	Soil Pulp	9.6	21.9	17.3	34	3.4	6.3	0.9	18	1.10	10.2	1.2	0.2	41	0.4	2.8	0.2	57	0.01	0.132	6
REP 1383551	QC	9.8	22.3	17.0	36	3.4	5.8	0.9	18	1.08	10.2	0.7	0.2	43	0.2	2.5	0.2	56	0.01	0.133	6
1383663	Soil Pulp	4.5	40.1	9.1	51	0.3	9.6	2.4	90	1.02	11.1	1.2	0.2	38	0.6	0.7	0.2	83	0.04	0.068	5
REP 1383663	QC	4.1	40.6	9.2	52	0.4	10.0	2.4	92	1.02	11.4	1.4	0.2	37	0.5	0.7	0.1	83	0.04	0.070	5
1385403	Soil Pulp	5.8	21.2	16.0	105	0.8	14.2	2.9	74	1.90	21.4	0.6	0.4	29	0.6	3.2	0.3	113	0.02	0.069	12
REP 1385403	QC	5.3	20.8	15.3	103	1.0	14.1	2.9	74	1.86	20.1	0.9	0.3	28	0.6	2.9	0.3	117	0.02	0.068	12
1385429	Soil Pulp	2.7	14.6	4.7	34	1.7	6.8	1.6	33	0.73	4.5	<0.5	0.1	15	0.3	1.0	0.2	35	0.03	0.027	10
REP 1385429	QC	2.6	16.3	5.4	38	1.7	6.4	1.6	39	0.82	5.0	<0.5	0.1	16	0.4	1.1	0.2	40	0.03	0.027	12
Reference Materials																					
STD DS8	Standard	12.6	112.2	122.2	308	1.7	39.2	7.6	615	2.41	24.3	118.8	6.6	70	2.4	5.6	6.7	41	0.70	0.077	15
STD DS8	Standard	11.7	99.0	112.3	282	1.6	34.4	6.7	567	2.23	23.4	104.2	5.9	59	2.1	5.0	6.0	37	0.63	0.072	14
STD DS8	Standard	12.5	105.5	124.3	306	1.7	36.5	7.3	591	2.37	23.8	102.9	6.6	70	2.2	5.4	6.7	39	0.71	0.075	15
STD DS8	Standard	12.3	97.9	111.6	287	1.7	34.2	6.7	555	2.22	22.2	97.8	6.4	64	2.1	5.1	5.8	37	0.63	0.072	15
STD DS8	Standard	13.2	115.8	125.2	307	1.8	38.7	7.8	609	2.45	24.3	113.1	6.2	58	2.2	4.8	6.1	43	0.66	0.079	13
STD DS8	Standard	12.8	110.7	125.2	302	1.8	37.8	7.7	594	2.47	24.0	115.6	6.6	67	2.3	5.6	6.4	42	0.65	0.074	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	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.03	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1

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

Project: CCJV
Report Date: October 07, 2011

QUALITY CONTROL REPORT VAN11004725.1

	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																	
1382082	Soil Pulp	5	0.01	163	0.005	<1	0.38	0.012	0.02	<0.1	0.04	0.2	<0.1	<0.05	2	0.9	<0.2
REP 1382082	QC	5	0.01	169	0.003	<1	0.39	0.012	0.02	<0.1	0.05	0.3	<0.1	<0.05	2	1.0	<0.2
1382105	Soil Pulp	11	<0.01	235	0.004	<1	0.25	0.002	0.03	0.2	0.10	<0.1	0.2	<0.05	2	1.0	<0.2
REP 1382105	QC	11	0.01	229	0.004	1	0.25	0.006	0.02	0.2	0.10	<0.1	0.1	<0.05	2	1.0	<0.2
1382492	Soil Pulp	25	0.02	202	0.007	2	0.36	0.003	0.06	0.1	0.06	0.6	0.4	0.09	4	4.2	<0.2
REP 1382492	QC	25	0.02	202	0.007	2	0.35	0.003	0.06	0.2	0.06	0.6	0.4	0.09	4	4.5	<0.2
1382500	Soil Pulp	22	0.15	425	0.007	3	0.94	0.003	0.08	0.5	0.18	1.3	0.2	0.09	3	2.3	<0.2
REP 1382500	QC	23	0.16	441	0.007	4	0.96	0.003	0.09	0.3	0.17	1.6	0.3	0.07	3	1.9	<0.2
1383551	Soil Pulp	17	0.01	271	0.005	2	0.45	0.016	0.11	0.2	0.19	0.3	1.0	0.18	3	3.7	0.3
REP 1383551	QC	17	0.01	265	0.006	3	0.45	0.013	0.11	0.2	0.17	0.3	0.9	0.17	3	3.2	0.3
1383663	Soil Pulp	23	0.04	316	0.002	4	0.39	0.002	0.12	<0.1	0.34	0.8	0.2	0.06	3	<0.5	<0.2
REP 1383663	QC	24	0.05	314	0.002	3	0.42	0.002	0.12	<0.1	0.33	0.7	0.2	0.06	3	1.3	<0.2
1385403	Soil Pulp	15	0.06	192	0.007	6	0.64	0.004	0.07	0.2	0.06	0.8	0.3	0.09	6	3.3	<0.2
REP 1385403	QC	17	0.08	196	0.008	1	0.67	0.004	0.08	0.2	0.05	0.9	0.3	0.08	6	2.4	<0.2
1385429	Soil Pulp	12	0.01	310	0.008	1	0.30	0.010	0.03	<0.1	0.04	0.2	<0.1	<0.05	3	2.1	<0.2
REP 1385429	QC	13	0.01	336	0.010	1	0.33	0.011	0.04	<0.1	0.06	0.2	<0.1	<0.05	3	0.8	<0.2
Reference Materials																	
STD DS8	Standard	114	0.61	276	0.114	2	0.89	0.084	0.40	3.2	0.18	2.2	5.4	0.18	5	5.3	4.3
STD DS8	Standard	105	0.56	258	0.101	<1	0.86	0.085	0.37	2.5	0.18	2.1	5.0	0.16	4	3.4	4.6
STD DS8	Standard	112	0.59	286	0.111	2	0.95	0.117	0.42	3.0	0.20	2.7	5.6	0.12	4	5.6	5.0
STD DS8	Standard	105	0.56	252	0.107	3	0.83	0.081	0.36	2.7	0.21	2.2	4.8	0.10	4	5.5	4.4
STD DS8	Standard	121	0.60	254	0.111	2	0.90	0.086	0.39	2.8	0.18	2.2	5.3	0.16	4	4.9	5.0
STD DS8	Standard	113	0.59	260	0.112	2	0.90	0.100	0.42	3.0	0.18	2.3	5.4	0.10	5	5.3	4.9
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
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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320 - 800 West Pender Street
Vancouver BC V6C 2V6 Canada

Project: CCJV
Report Date: October 07, 2011

QUALITY CONTROL REPORT VAN11004725.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001	1DX15 La ppm 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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		1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 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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Client: **Carlin Gold Corporation**
320 - 800 West Pender Street
Vancouver BC V6C 2V6 Canada

Submitted By: Confirmation Email List
Receiving Lab: Canada-Vancouver
Received: September 14, 2011
Report Date: October 02, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS VAN11004730.1

CLIENT JOB INFORMATION

Project: CCJV
Shipment ID:
P.O. Number STAN-11
Number of Samples: 24

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
No Prep	24	Sorting of samples on arrival and labeling			VAN
1DX2	24	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
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Client: **Carlin Gold Corporation**
320 - 800 West Pender Street
Vancouver BC V6C 2V6 Canada

Project: CCJV
Report Date: October 02, 2011

CERTIFICATE OF ANALYSIS VAN11004730.1

	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
1180685	Soil Pulp	2.0	7.2	0.8	10	2.3	8.0	0.1	<1	0.09	<0.5	1.0	<0.1	7	1.3	1.0	<0.1	15	0.04	0.050	<1
1180686	Soil Pulp	38.7	125.0	13.1	38	8.6	15.0	0.9	24	1.82	38.6	15.3	0.6	79	1.2	13.0	0.2	348	0.16	0.696	6
1180687	Soil Pulp	178.7	30.9	4.8	25	2.4	5.5	0.4	13	16.17	723.2	6.6	0.8	25	0.9	55.1	0.1	2120	0.05	4.455	2
1180688	Soil Pulp	16.8	53.4	16.1	113	1.4	26.4	2.5	65	1.65	30.9	9.2	0.5	64	1.4	5.1	0.3	61	0.15	0.128	6
1180690	Soil Pulp	15.4	61.5	14.0	65	2.8	15.1	1.5	38	1.71	28.5	9.9	0.7	79	1.1	8.0	0.2	157	0.21	0.359	7
1180691	Soil Pulp	13.9	66.5	17.4	47	2.4	10.4	1.4	39	1.62	26.6	19.9	0.6	53	0.4	6.9	0.3	91	0.08	0.195	5
1180692	Soil Pulp	16.4	42.3	25.0	31	2.8	12.2	0.8	24	1.68	36.9	12.2	0.4	63	1.4	9.1	0.3	94	0.07	0.174	4
1181397	Soil Pulp	7.8	41.2	12.3	90	1.4	22.8	5.1	284	1.25	19.2	10.3	0.3	57	2.0	4.7	0.3	132	0.15	0.172	5
1181398	Soil Pulp	349.6	14.3	1.1	11	0.7	2.9	0.2	3	22.01	808.6	4.1	0.4	14	0.6	45.3	<0.1	2186	0.04	>5	<1
1181399	Soil Pulp	144.6	28.4	2.7	10	5.8	3.6	0.3	8	20.80	222.1	5.4	0.9	17	0.5	62.7	<0.1	5158	0.03	2.551	1
1182939	Soil Pulp	8.7	82.6	11.5	348	2.5	66.3	5.0	208	2.37	41.0	8.9	0.9	97	2.8	6.2	0.1	144	0.32	0.310	9
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Client: **Carlin Gold Corporation**
320 - 800 West Pender Street
Vancouver BC V6C 2V6 Canada

Project: CCJV
Report Date: October 02, 2011

CERTIFICATE OF ANALYSIS VAN11004730.1

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
1180685	Soil Pulp	1	<0.01	62	0.002	<1	0.18	0.018	0.02	<0.1	0.40	0.2	0.2	<0.05	<1	5.6	<0.2
1180686	Soil Pulp	47	0.06	880	0.006	5	0.80	0.002	0.11	0.6	4.38	1.7	1.0	0.18	4	15.0	0.4
1180687	Soil Pulp	19	0.03	386	0.022	2	0.32	0.002	0.05	0.4	1.19	1.6	0.6	0.25	2	32.5	<0.2
1180688	Soil Pulp	16	0.12	852	0.003	3	0.68	0.004	0.13	0.4	1.29	1.5	1.1	0.21	3	4.9	<0.2
1180690	Soil Pulp	27	0.13	885	0.005	4	0.64	0.003	0.12	1.0	1.80	1.7	0.8	0.15	3	7.8	0.3
1180691	Soil Pulp	21	0.10	479	0.003	4	0.74	0.004	0.15	0.5	1.97	1.9	1.0	0.23	4	5.7	<0.2
1180692	Soil Pulp	25	0.03	516	0.004	4	0.39	0.003	0.20	0.4	2.29	2.5	1.1	0.37	3	8.9	0.3
1181397	Soil Pulp	17	0.10	1326	0.003	4	0.68	0.005	0.12	0.2	0.69	0.9	0.5	0.12	3	3.8	<0.2
1181398	Soil Pulp	13	<0.01	340	0.037	2	0.21	<0.001	0.03	0.2	0.45	0.7	0.4	0.12	<1	14.9	<0.2
1181399	Soil Pulp	80	0.02	124	0.017	2	0.22	0.001	0.03	0.2	1.12	1.3	<0.1	0.95	2	58.1	<0.2
1182939	Soil Pulp	25	0.20	733	0.008	5	1.03	0.004	0.13	0.3	1.15	2.1	0.5	0.06	3	7.6	<0.2
[redacted]																	

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

Project: CCJV
Report Date: October 02, 2011

QUALITY CONTROL REPORT VAN11004730.1

	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																					
1373035	Soil Pulp	22.6	171.7	16.4	1028	2.8	147.8	10.2	846	2.31	24.4	14.3	1.2	93	7.9	10.8	0.2	258	0.62	0.105	9
REP 1373035	QC	20.8	160.0	16.0	979	2.6	138.1	9.9	806	2.13	23.0	16.0	1.0	90	6.8	10.8	0.2	261	0.58	0.100	8
Reference Materials																					
STD DS8	Standard	12.2	106.0	119.8	297	1.7	35.7	7.1	591	2.33	24.6	106.3	5.8	61	2.3	5.2	6.3	38	0.63	0.083	12
STD DS8	Standard	12.3	97.9	111.6	287	1.7	34.2	6.7	555	2.22	22.2	97.8	6.4	64	2.1	5.1	5.8	37	0.63	0.072	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	<0.01	<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	0.03	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1

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

Project: CCJV
Report Date: October 02, 2011

QUALITY CONTROL REPORT VAN11004730.1

	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																	
1373035	Soil Pulp	27	0.29	538	0.002	4	1.00	0.003	0.12	<0.1	1.91	3.0	0.5	0.10	3	7.4	<0.2
REP 1373035	QC	28	0.29	526	0.002	5	1.00	0.003	0.12	<0.1	1.78	2.5	0.6	0.09	3	6.2	0.2
Reference Materials																	
STD DS8	Standard	108	0.59	269	0.100	2	0.92	0.099	0.43	2.8	0.18	2.1	5.4	0.18	5	4.9	5.1
STD DS8	Standard	105	0.56	252	0.107	3	0.83	0.081	0.36	2.7	0.21	2.2	4.8	0.10	4	5.5	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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1020 Cordova St. East Vancouver BC V6A 4A3 Canada

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

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

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

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
[redacted]	Rock	[redacted]																			
[redacted]	Rock	[redacted]																			
[redacted]	Rock	[redacted]																			
55215	Rock	1.27	<2	0.1	122.1	2.4	118	<0.1	29.3	4.4	117	4.57	1.4	1.1	0.3	<1	<0.1	<0.1	<0.1	7	<0.01
55216	Rock	0.61	7	2.6	59.4	21.5	16	0.2	3.3	0.3	27	3.09	34.3	6.7	1.0	44	<0.1	1.1	0.1	65	<0.01
55217	Rock	1.17	<2	0.1	39.2	7.9	85	<0.1	42.3	18.8	1916	2.74	1.7	4.0	5.6	27	0.2	0.1	0.2	16	0.25
55218	Rock	0.88	4	15.4	5.2	2.2	3	0.8	4.9	0.2	29	0.63	13.0	0.8	0.2	21	<0.1	9.5	<0.1	103	0.02
[redacted]	Rock	[redacted]																			
[redacted]	Rock	[redacted]																			
[redacted]	Rock	[redacted]																			
[redacted]	Rock	[redacted]																			

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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

CERTIFICATE OF ANALYSIS WHI11000924.1

		Method	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
[redacted]																				
[redacted]																				
[redacted]																				
55215	Rock		0.009	<1	12	<0.01	249	<0.001	<20	0.14	<0.001	0.03	<0.1	0.02	<0.1	<0.05	1.6	<0.5	<1	<0.2
55216	Rock		0.067	2	37	0.02	780	0.001	<20	0.39	<0.001	0.07	<0.1	0.63	<0.1	<0.05	1.8	1.7	3	<0.2
55217	Rock		0.018	12	20	0.70	691	0.007	<20	1.39	0.006	0.36	<0.1	0.03	<0.1	<0.05	3.2	<0.5	5	<0.2
55218	Rock		0.216	<1	23	<0.01	202	0.001	<20	0.13	<0.001	0.03	<0.1	1.12	<0.1	<0.05	0.9	7.5	<1	<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 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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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: 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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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-Whitehorse
Received: August 24, 2011
Report Date: October 05, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI11001273.1

CLIENT JOB INFORMATION

Project: CCJV
Shipment ID:
P.O. Number X-04
Number of Samples: 5

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	5	Crush, split and pulverize 250 g rock to 200 mesh			WHI
3B	5	Fire assay fusion Au by ICP-ES	30	Completed	VAN
1DX	5	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

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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: October 05, 2011

CERTIFICATE OF ANALYSIS WHI11001273.1

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
[redacted]																				
[redacted]																				
[redacted]																				
[redacted]																				
54633	Rock	1.43	6	1.5	54.0	7.6	91	0.2	43.0	8.4	284	2.63	5.7	2.5	0.7	27	<0.1	0.6	0.2	22	0.13

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

Project: CCJV
Report Date: October 05, 2011

CERTIFICATE OF ANALYSIS WHI11001273.1

	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
[redacted]																			
[redacted]																			
[redacted]																			
[redacted]																			
54633	Rock	0.020	<1	16	0.26	29	<0.001	<20	0.87	0.006	0.19	<0.1	0.12	<0.1	2.08	2.5	0.6	2	<0.2

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www.acmelab.com

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

Project: CCJV
Report Date: October 05, 2011

QUALITY CONTROL REPORT WHI11001273.1

		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
Reference Materials																						
STD DS8	Standard				14.7	113.7	134.2	322	2.0	40.5	7.7	634	2.58	26.3	95.6	7.1	79	2.3	4.6	7.0	43	0.72
STD OREAS45CA	Standard				0.7	533.0	20.7	62	0.2	247.4	89.3	911	15.50	3.5	55.9	7.6	15	<0.1	<0.1	0.2	201	0.41
STD OXC88	Standard			210																		
STD OXH82	Standard			1364																		
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	1.2	11.2	3.5	174	0.3	8.9	4.4	611	2.15	2.4	1.6	6.6	103	1.5	2.4	<0.1	59	0.79

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Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Carlin Gold Corporation**
320 - 800 West Pender Street
Vancouver BC V6C 2V6 Canada

Project: CCJV
Report Date: October 05, 2011

QUALITY CONTROL REPORT WHI11001273.1

		Method	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
Reference Materials																				
STD DS8	Standard		0.081	16	120	0.65	303	0.116	<20	1.00	0.105	0.44	2.3	0.16	5.6	0.16	2.1	4.5	5	5.0
STD OREAS45CA	Standard		0.037	16	639	0.17	157	0.128	<20	3.97	0.013	0.08	<0.1	0.03	0.1	<0.05	37.4	<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
Prep Wash																				
G1	Prep Blank		0.085	15	7	0.58	206	0.132	<20	1.05	0.104	0.50	<0.1	0.03	0.3	<0.05	2.1	<0.5	5	<0.2

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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-Whitehorse
Received: September 14, 2011
Report Date: November 09, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI11001689.1

CLIENT JOB INFORMATION

Project: CCJV
Shipment ID: SPEC-02
P.O. Number SPEC-02
Number of Samples: 20

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	16	Crush, split and pulverize 250 g rock to 200 mesh			VAN
3B	16	Fire assay fusion Au by ICP-ES	30	Completed	VAN
1DX	16	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN
G6Gr	1	Lead collection fire assay 30G fusion - Grav finish	30	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

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

Project: CCJV
Report Date: November 09, 2011

CERTIFICATE OF ANALYSIS WHI11001689.1

		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
55351	Rock		1.28	4	1.1	19.0	4.6	25	2.2	8.4	0.5	37	0.73	9.4	0.9	0.2	38	0.3	2.2	<0.1	22	0.02
55352	Rock		0.72	2	16.7	15.0	2.8	12	2.4	29.5	0.5	26	0.48	9.9	<0.5	0.4	24	0.4	3.2	<0.1	227	0.01
[redacted]																						
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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: November 09, 2011

CERTIFICATE OF ANALYSIS WHI11001689.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	G6Gr
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga	Te	Ag
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/t
	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	50
55351	Rock	0.026	<1	15	<0.01	656	<0.001	<20	0.09	0.003	0.05	<0.1	0.51	<0.1	0.22	1.3	3.2	<1	<0.2	
55352	Rock	0.041	<1	29	0.02	1492	0.002	<20	0.15	0.002	0.07	<0.1	0.23	<0.1	0.19	1.1	10.4	1	<0.2	
[redacted]																				

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

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

Project: CCJV
Report Date: November 09, 2011

QUALITY CONTROL REPORT WHI11001689.1

	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																					
55531	Rock	2.65	27	0.1	2.1	59.8	36	2.1	1.0	0.3	140	0.69	4620	29.0	4.2	25	0.2	13.9	18.9	<2	0.54
REP 55531	QC		28																		
55533	Rock	2.51	133	0.2	5.9	156.3	85	11.8	1.1	0.6	112	1.50	>10000	160.4	3.5	21	0.6	46.8	74.8	<2	0.28
REP 55533	QC			0.2	5.7	154.6	87	12.0	0.9	0.6	114	1.55	>10000	131.6	3.5	22	0.6	46.4	73.1	<2	0.29
Reference Materials																					
STD AGPROOF	Standard																				
STD DS8	Standard			14.5	111.2	118.7	318	2.1	38.2	7.8	611	2.48	26.3	97.9	6.4	68	2.4	5.1	6.4	41	0.73
STD OREAS45CA	Standard			0.7	480.3	18.6	55	0.3	225.2	83.0	857	14.01	6.6	40.0	6.0	15	<0.1	<0.1	0.2	187	0.38
STD OXC88	Standard		201																		
STD OXC88	Standard		185																		
STD OXH82	Standard		1269																		
STD OXH82	Standard		1302																		
STD SP49	Standard																				
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
STD SP49 Expected																					
STD AGPROOF Expected																					
STD OXC88 Expected			203																		
STD OXH82 Expected			1278																		
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		<2																		
BLK	Blank		<2																		
BLK	Blank																				
BLK	Blank																				
BLK	Blank		<2																		
BLK	Blank		<2																		
Prep Wash																					
G1	Prep Blank	<0.01	<2	0.1	2.7	3.0	48	<0.1	2.1	3.7	558	1.92	1.4	<0.5	5.0	63	<0.1	<0.1	<0.1	36	0.47

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Acme Analytical Laboratories (Vancouver) Ltd.
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Phone (604) 253-3158 Fax (604) 253-1716
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Client: **Carlin Gold Corporation**
320 - 800 West Pender Street
Vancouver BC V6C 2V6 Canada

Project: CCJV
Report Date: November 09, 2011

QUALITY CONTROL REPORT WHI11001689.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	G6Gr
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga	Te	Ag
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/t
	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	50
Pulp Duplicates																				
55531	Rock	0.011	4	3	<0.01	21	<0.001	<20	0.19	0.041	0.15	<0.1	0.02	<0.1	0.26	0.4	0.8	<1	2.8	
REP 55531	QC																			
55533	Rock	0.010	3	3	<0.01	14	<0.001	<20	0.17	0.028	0.14	<0.1	0.04	<0.1	0.76	0.4	2.8	<1	6.9	
REP 55533	QC	0.011	3	4	<0.01	14	<0.001	<20	0.17	0.029	0.15	<0.1	0.03	<0.1	0.79	0.4	2.9	<1	6.9	
Reference Materials																				
STD AGPROOF	Standard																			93
STD DS8	Standard	0.082	15	119	0.62	291	0.118	<20	0.95	0.095	0.42	2.2	0.18	5.1	0.17	2.3	5.4	5	4.9	
STD OREAS45CA	Standard	0.035	15	605	0.15	154	0.098	<20	3.47	0.014	0.07	<0.1	0.02	<0.1	<0.05	37.3	<0.5	17	<0.2	
STD OXC88	Standard																			
STD OXC88	Standard																			
STD OXH82	Standard																			
STD OXH82	Standard																			
STD SP49	Standard																			62
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		
STD SP49 Expected																				60.2
STD AGPROOF Expected																				94
STD OXC88 Expected																				
STD OXH82 Expected																				
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																			
BLK	Blank																			
BLK	Blank																			<50
BLK	Blank																			<50
BLK	Blank																			
BLK	Blank																			
Prep Wash																				
G1	Prep Blank	0.080	13	6	0.48	152	0.128	<20	0.86	0.084	0.45	<0.1	<0.01	0.2	<0.05	2.1	<0.5	5	<0.2	

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		WGHT Wgt kg 0.01	3B Au ppb 2	1DX Mo ppm 0.1	1DX Cu ppm 0.1	1DX Pb ppm 0.1	1DX Zn ppm 1	1DX Ag ppm 0.1	1DX Ni ppm 0.1	1DX Co ppm 0.1	1DX Mn ppm 1	1DX Fe % 0.01	1DX As ppm 0.5	1DX Au ppb 0.5	1DX Th ppm 0.1	1DX Sr ppm 1	1DX Cd ppm 0.1	1DX Sb ppm 0.1	1DX Bi ppm 0.1	1DX V ppm 2	1DX Ca % 0.01
G1	Prep Blank	<0.01	<2	<0.1	2.8	3.2	47	<0.1	2.4	3.9	571	1.99	1.2	0.8	5.6	64	<0.1	<0.1	<0.1	36	0.47

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		1DX P % 0.001	1DX La ppm 1	1DX Cr ppm 1	1DX Mg % 0.01	1DX Ba ppm 1	1DX Ti % 0.001	1DX B ppm 20	1DX Al % 0.01	1DX Na % 0.001	1DX K % 0.01	1DX W ppm 0.1	1DX Hg ppm 0.01	1DX Tl ppm 0.1	1DX S % 0.05	1DX Sc ppm 0.1	1DX Se ppm 0.5	1DX Ga ppm 1	1DX Te ppm 0.2	G6Gr Ag gm/t 50
G1	Prep Blank	0.081	14	6	0.50	153	0.125	<20	0.89	0.084	0.46	<0.1	<0.01	0.2	<0.05	2.1	<0.5	5	<0.2	

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