GEOLOGICAL, GEOCHEMICAL AND GEOPHYSICAL REPORT ON THE BEN PROPERTY

QUARTZ CLAIMS: BEN 1 TO BEN 80 (YE39001 – YD39080)

WATSON LAKE MINING DIVISION, YUKON
MAPSHEETS: 105O/01 & 105P/04
UTM: 6997000N, 448500E, NAD83, ZONE 9

for

COLORADO RESOURCES LTD.
110 - 2300 CARRINGTON ROAD
WEST KELOWNA, BC
V4T 2N6

by

LINDA DANDY, P.Geo.
Consulting Geologist

DATES OF WORK: Airborne Geophysical Survey – July 15 to 30, 2011
Field Work – September 10 and 13, 2011

DATE OF REPORT: February 18, 2012

Linda Dandy, P.Geo., Box 95, Atlin, BC, V0W 1A0 Phone:250-651-7531 Email: lindadandy@telus.net

SUMMARY

The Ben Property, owned by Colorado Resources Ltd. ("Colorado"), comprises base and precious metal targets located southeast of the MacMillan Pass airstrip in northeastern Yukon. The Ben Property is largely underlain by the middle Devonian MacMillan Pass Member Shale Facies unit. This unit appears to form a broad syncline with its axis roughly paralleling westerly flowing Ben Creek near the centre of the property. Above the Shale Facies is a narrow band of chert and shale of the Niddery Lake Member, which is in turn overlain by Silurian-Devonian black shales and silty limestones of the Sapper Formation. South of Ben Creek is a prominent Cretaceous granitic intrusion, with a mapped diameter of approximately 800 metres. There is a 200 metre wide southerly trending apophysis off this intrusion that runs for about one kilometre from the main body.

An examination of the geology shows that the structural setting of HudBay's Tom deposit and that of the Ben claims is similar. Firstly, both occur north of a major granitic stock and northeast of minor bodies of quartz feldspar porphyry. Secondly, major structures trend northwesterly and are crossed by minor, northerly trending structures. Thirdly, the apparent host rocks are of similar age and character.

The only previously recorded work on the Ben Property was by Spartan Explorations Ltd. ("Spartan") in 1968. This work consisted of a small soil and rock sampling program which returned elevated lead-zinc-copper-molybdenum values north of Ben Creek.

Until 2011, no work had been done on the property since Spartan held the claims. In 2011, Colorado contracted Fugro to do an airborne magnetic and electromagnetic survey on the Ben Property. Along with the geophysical surveys, a crew spent two days prospecting and rock and soil sampling. This report presents the results of the 2011 exploration program.

The airborne geophysics plots of apparent resistivity identify the Cretaceous intrusive unit in the southwest portion of the claim block. There are also zones of higher apparent resistivity in the southeast and northern portions of the claims. These additional features may be related to un-mapped or buried intrusives similar to that seen in the southwest. These intrusive bodies are known to be associated with gold mineralization on the Ben Property, so are important features for follow-up exploration work.

Soil and rock geochemistry has identified gold-arsenic-bismuth mineralization associated with the Cretaceous intrusive unit. Spotty silver-molybdenum-copper-lead and zinc are also found within the intrusive unit and associated with the Niddery Lake member black shales.

In conclusion, as well as Sedex lead-zinc targets, two potential styles of gold mineralization may be present on the Ben Property. North of Ben Creek, the silty limestones of the Sapper Formation are favourable host units for Carlin type gold mineralization where suitable structures exist. To the south of Ben Creek, the coincident

gold-arsenic values suggest the possible presence of intrusive-related “Tombstone” type gold mineralization. Further surface exploration is necessary to determine whether gold mineralization occurs as replacement zones in reactive sediments (Carlin-style), or within stockwork or veins within brittle sediments and associated intrusions (Tombstone-style).

For 2012, a Phase I exploration program consisting of detailed geological mapping, prospecting, rock and soil sampling is proposed for the Ben Property. A total of 1280 soil samples should be collected from a grid on the north side of Ben Creek at 50 metre intervals on initial lines spaced 200 metres apart. In addition, soil samples should also be taken at 50 metre intervals along contour soil lines on the south side of Ben Creek. Geological mapping and prospecting/rock sampling will be done to define contact areas, structures and mineralized zones.

If results warrant, a Phase II exploration program consisting of infill and expanded soil geochemical surveys, followed by a small excavator trenching and six hole diamond drilling program is recommended. Trenching and drilling will be designed to test the best coincident geochemical, geological and geophysical targets. The excavator trenches will be located where ground conditions allow and will be dug using a helicopter portable mini-excavator. Where ground conditions are not amenable to trenching, diamond drilling will be utilized to test the target areas.

The Phase I exploration program is budgeted at $150,000. Phase II is dependent upon the results of the Phase I program and is budgeted at $550,000.

TABLE OF CONTENTS

	Page
SUMMARY	1
1) INTRODUCTION	6
2) LOCATION AND ACCESS	6
3) PHYSIOGRAPHY	6
4) CLAIM INFORMATION	8
5) HISTORY	6
6) WORK DONE BY COLORADO RESOURCES LTD. IN 2011	7
7) GEOLOGY	8
8) GEOCHEMISTRY	10
9) GEOPHYSICS	14
10) CONCLUSIONS	17
11) RECOMMENDATIONS	18
12) REFERENCES	19
13) COST STATEMENT	20
14) QUALIFICATIONS	21
APPENDICES	22

APPENDIX I – FIGURES 1 TO 18
APPENDIX II - ROCK SAMPLE RESULTS – CERTIFICATES OF ANALYSES
APPENDIX III - SOIL SAMPLE RESULTS – CERTIFICATES OF ANALYSES
APPENDIX IV – FUGRO AIRBORNE SURVEYS INC. GEOPHYSICAL REPORT

TABLES

Page

TABLE I – CLAIM INFORMATION 8

TABLE II – ROCK SAMPLE LOCATIONS AND DESCRIPTIONS 11

TABLE III – ROCK SAMPLE SIGNIFICANT RESULTS 12

TABLE IV - AIRBORNE SURVEY CORNER COORDINATES 15

TABLE V - EM ANOMALY STATISTICS 15

FIGURES
APPENDIX I

FIGURE 1 – LOCATION MAP ..... pocket

FIGURE 2 – CLAIM MAP ..... pocket

FIGURE 3 – REGIONAL GEOLOGY MAP ..... pocket

FIGURE 4 – SAMPLE LOCATION MAP ..... pocket

FIGURE 5 – GOLD GEOCHEMISTRY MAP ..... pocket

FIGURE 6 – SILVER GEOCHEMISTRY MAP ..... pocket

FIGURE 7 – ARSENIC GEOCHEMISTRY MAP ..... pocket

FIGURE 8 – ANTIMONY GEOCHEMISTRY MAP ..... pocket

FIGURE 9 – BISMUTH GEOCHEMISTRY MAP ..... pocket

FIGURE 10 – MOLYBDENUM GEOCHEMISTRY MAP ..... pocket

FIGURE 11 – COPPER GEOCHEMISTRY MAP ..... pocket

FIGURE 12 – LEAD GEOCHEMISTRY MAP ..... pocket

FIGURE 13 – ZINC GEOCHEMISTRY MAP ..... pocket

FIGURE 14 – AIRBORNE GEOPHYSICAL SURVEY FLIGHT LINES ..... pocket

FIGURE 15 – AIRBORNE GEOPHYSICS – TOTAL MAGNETIC INTENSITY pocket

FIGURE 16 – AIRBORNE GEOPHYSICS – CALCULATED VERTICAL GRADIENT …… pocket

FIGURE 17 – AIRBORNE GEOPHYSICS – RESISTIVITY 56K …… pocket

FIGURE 18 – AIRBORNE GEOPHYSICS – RESISTIVITY 7200…… pocket

FIGURE 19 – AIRBORNE GEOPHYSICAL SURVEY INTERPRETATION pocket

1) INTRODUCTION

The Ben Property, comprising both lead-zinc and gold targets, is located along a tributary to the South MacMillan River, 8.5 kilometres SE of MacMillan Pass Airstrip in northeastern Yukon. The property is owned 100% by Colorado Resources Ltd. ("Colorado").

Colorado acquired this property after examination of an historic assessment report documenting a previous exploration program, and noting that along with sedex type geochemical anomalies, the host rock lithologies are amenable for either Carlin type or intrusive related gold mineralization.

In 2011, Colorado conducted an airborne geophysical survey followed by a small soil sampling and prospecting program on the property. The sample results confirm the presence of gold and associated indicator elements.

2) LOCATION AND ACCESS

The Ben Property is located along a tributary of the South MacMillan River, 200 kilometres northeast of Ross River, in the Watson Lake Mining District, Yukon (Figure 1). The claims cover an area of approximately 1672 hectares and are centred at UTM 6997000N, 448500E (Zone 9) on mapsheets 105O/01 and 105P/04.

Access to the Ben Property is via helicopter from the MacMillan Pass Airstrip (8.5 kilometres to the northeast) or the North Canol Highway (7 kilometres to the west).

3) PHYSIOGRAPHY

The topography of the MacMillan Pass region is characterized by rugged mountainous areas separated by broad valleys. The Ben Property has a broad marshy river valley on its west border with an elevation of 1145 metres. The claim block is bisected by Ben Creek which trends roughly east-west and flows into the western river. Ben Creek has a steep sided canyon, making access in this area difficult. To the north of Ben Creek terrain has relatively moderate relief, while on the south side the granitic rocks form imposing ridges with maximum elevations of 2050 metres.

The entire property is covered by typical northern boreal spruce and fir forest at lower elevations. The western portion of the property, near the river is boggy and covered by deep moss. The higher elevations have typical alpine grasses and vegetation.

4) CLAIM INFORMATION

The Ben Property is located within the Watson Lake Mining District and consists of 80 quartz claims totaling 1672 hectares (Figure 2). The claims all have a common expiry date of April 15, 2014. Claim information is listed in Table I.

TABLE I
CLAIM INFORMATION

Claim Names	Tenure #s	Ownership	Expiry Dates
BEN 1 – BEN 80	YE39001 – YD39080	COLORADO RESOURCES LTD.	APRIL 15, 2014

5) HISTORY

The mineral potential of this region was first identified in 1943 during the construction of the Canol Road. At this time a large gossan was noted in Macmillan Pass, and it has been reported that the lead-zinc mineralization currently being developed by HudBay Minerals Inc. ("HudBay") on the Tom claims was recognized at that time. HudBay conducted preliminary prospecting programs throughout a broad part of the eastern Yukon in 1953, when they staked the Tom claims.

The Ben Property area was targeted by Spartan Explorations Ltd. ("Spartan") in 1968, while conducting extensive sampling programs over the favourable lithologies and structures in the MacMillan Pass area. They were targeting both lead-zinc targets, such as HudBay's Tom deposit and tungsten mineralization as found at Mac Tung.

Spartan's program was designed for 'saturation coverage' of their project area, with sampling density designed so that no locales of significant mineralization would be missed by geochemistry. In addition, all major tributaries were carefully prospected and all exposed areas were carefully geologically mapped.

As a result of the 1968 program, the BEN 1-6 claim group was staked. The Ben claims cover a geochemical anomaly in a structural geologic setting similar to that found on the Tom claims, located about 8 kilometres to the northwest.

Spartan's geochemical soil sampling on the Ben property returned a concentration of high zinc values, up to 2,625 ppm, just north of a the westerly flowing Ben Creek in the centre of the claim group. Associated with the high zinc values were lead values up to 100 ppm, copper up to 352 ppm, and molybdenum up to 48 ppm. The high values occur in an area of overburden cover, and Spartan was not able to explain the cause of the anomalies. It is notable, however, that favourable formations underlie the anomalous area, and that a major quartz feldspar porphyry dyke cuts these formations near the heart of the anomaly (Smith, 1968).

6) WORK DONE BY COLORADO RESOURCES LTD. IN 2011

In 2011, work by Colorado on the Ben Property consisted of a DIGHEM electromagnetic/magnetic survey flown by Fugro Airborne Surveys ("Fugro"). Survey coverage consisted of approximately 84.6 line kilometres including 11.4 line kilometres of tie lines. Flight lines were flown with a line separation of 200 metres.

Also in 2011, a small soil sampling and prospecting program was completed. Two contour soil lines were put in along the north and south sides of Ben Creek. A total of 77 samples were collected at 50 metre spacings. During the course of the prospecting program, 51 rock grab samples were collected.

Work was conducted by a 4 person crew working out of a camp on the North Canol Highway. The Fugro crew utilized this same camp facility. Access to the property was via helicopter.

7) GEOLOGY

Regional Geology

The Ben Property is located within the Selwyn Basin which consists of a broad package of Paleozoic sediments extending ESE from north-west of Dawson City to the Yukon-NWT border north of the major NW-SE trending Tintina Fault Zone. This stratigraphy consists of shallow shelf to off-shelf marine clastic and chemical sediments, as well as basinal clastic sediments derived from the Ancient North American Platform to the north-east. Age of deposition ranges from Late Precambrian to Permian. At least two major episodes of rifting have occurred: the first during deposition of the Late Precambrian Hyland Group sediments, and the second during deposition of the Devono-Mississippian Earn Group sediments. These major rift zones often host poorly sorted coarse clastic sediments, such as debris flows or turbidite horizons.

Several episodes of continental uplift have led to periods of increased erosion and resulting continental margin or miogeosynclinal deposition, resulting in the creation of sequences of comparatively high energy, shallow water sediments, often coarsely grained and variably calcareous. These are separated by strata formed under deeper, quieter water conditions, resulting in formation of fine clastic sediments and chert. The Mid-Cretaceous Tombstone-Tungsten Suite (95-89 Ma) has been emplaced within the Selwyn Basin. Intrusives of this suite occur along an ESE trending belt extending for over 500 kilometres from north-west of Dawson City, Yukon to the Yukon-NWT border. Intrusives are believed to control much of the economic gold mineralization within the Selwyn Basin.

Extensive thrust faulting along the entire extent of the Selwyn Basin began during Late Jurassic time, resulting in creation of a compressional regime. Most thrust faults are oriented roughly ESE, dipping to the south-west, sub-parallel to the overall ESE trend of stratigraphy. Several major regional thrust faults were formed including the Dawson

Thrust, Tombstone Thrust, and Robert Service Thrust. This regional lineation has been overprinted by a slightly less pronounced NE-SW lineation, marked by high angle orthogonal faults suggesting the compressional regime was followed by an extensional tectonic regime.

Several Tombstone Suite monzonite stocks occur within this belt, including one small stock within the southern half of the Ben claim block.

The Ben Property occurs in a very similar regional setting to the nearby Tom deposit, as described in the Mineralization section below.

Property Geology

The Ben Property is largely underlain by the middle Devonian MacMillan Pass Member Shale Facies unit. This unit appear to form a broad syncline with axis roughly paralleling westerly flowing Ben Creek near the centre of the property. Above the Shale Facies is a narrow band of chert and shale of the Niddery Lake Member, which is in turn overlain by Silurian-Devonian black shales and silty limestones of the Sapper Formation (see Figure 3).

South of Ben Creek is a prominent Cretaceous granitic intrusion, with a mapped diameter of approximately 800 metres (Abbott, in publ.). There is a 200 metre wide southerly trending apophysis off this intrusion that runs for about one kilometre from the main body. Colorado's airborne geophysical survey picked up this intrusion very well with magnetics and resistivity, indicating that the intrusive is more extensive than previously mapped. Ground follow up by geological mapping in 2012 will better define the extent of the intrusive unit.

Along with the east-west trending syncline, additional fault structures trending north-south and northwest-southeast have been identified in the northern portion of the claim block (Abbott, in publ.). The importance of these structures to mineralization is not known at this time.

Mineralization

Historically, the Ben Property was staked for its Sedex lead-zinc potential due to its geological similarity to HudBay's Tom Deposit setting. More recently, limey units such as the Sapper Formation, have also been recognized for their Carlin-style gold potential. No gold analyses were conducted by Spartan during their exploration program to the north of Ben Creek, and Colorado's 2011 program targeted intrusive-related Au-As mineralization south of Ben Creek.

Yukon Minfile (105O 001) has a good description of the Tom Deposit. Tom contains stratabound lead-zinc deposits consisting of galena, sphalerite and barite in fine-grained black clastic rocks of the Devono-Mississippian Earn Group. Mineralization occurs in three zones: Tom East, Tom West and Tom Southeast. Published mineable reserves for the Tom East and West zones are 9,283,700 tonnes grading 69.4 g/t Ag, 7.5% Zn and 6.2% Pb using a 7% Zn + Pb cutoff, a 15% dilution factor and 90% recovery (McClay

and Bidwell, 1986). Total geological reserves were calculated as 15,722,500 tonnes grading 49.1 g/t Ag, 7.0% Zn and 4.61% Pb. A feasibility study of the Tom and adjacent Jason deposit, prepared by Hudson Bay and Aberford Resources Ltd, in December 1985 recalculated the mineable reserves of this deposit as 8,969,695 tonnes grading 7.09% Pb, 8.53% Zn and 79.79 g/t Ag.

All mineralization at the Tom property occurs at or near the contact between conglomeratic submarine fan deposits (Macmillan Pass Member) and overlying blue-grey weathering carbonaceous cherty mudstone and radiolarian chert (Tom Sequence). The host rocks are believed to have been deposited in narrow grabens during Devonian rifting of the Cordilleran passive margin. The Tom deposits are confined to a small basin outlined by the outcrop pattern of chert-pebble conglomerates of the Macmillan Pass member and a thickened isopach of the Tom Sequence rocks.

Detailed mapping shows that the West zone and Southeast zone deposits occupy two separate troughs flanking a narrow horst block formed of chert pebble conglomerate. Flanking sediments wedge out against the horst block and substantial differences in stratigraphy exist between the two troughs.

The horst block separating the Tom West and Southeast zones coincides with a tightly folded north-south doubly-plunging anticline ('Tom anticline'). Detailed structural analysis has revealed three phases of folding and faulting, related to folding and thrust faulting during the Late Jurassic and Early Cretaceous.

Along with Tom type sedex lead-zinc mineralization, two potential styles of gold mineralization could also be found on the Ben Property. North of Ben Creek, the silty limestones of the Sapper Formation are favourable host units for Carlin type gold mineralization, where suitable structures exist. To the south of Ben Creek, the coincident gold-arsenic-bismuth values suggest intrusive-related “Tombstone” type gold mineralization. Further surface exploration is necessary to determine whether gold mineralization occurs as replacement zones in reactive sediments (Carlin-style), or within stockwork or veins within brittle sediments and associated intrusions (Tombstone-style).

8) GEOCHEMISTRY

Rock Sampling Techniques

51 rock grab samples were collected during the soil sampling and prospecting program. Grab samples consist of 2 or 3 fist size pieces of rock representing a certain rock or mineralization type. All sample sites were marked with fluorescent flagging marked with the sample number.

Samples were placed in poly bags labelled with the corresponding sample number and a bar coded assay tag inserted into the bag. Samples were shipped to ACME Laboratory Ltd.’s preparation lab in Whitehorse for sample preparation then shipped on by the laboratory to ACME’s Vancouver facility for analyses. In the laboratory, samples were

crushed to minus 200 mesh and fire assayed for gold, plus geochemically analyzed for 36 additional elements by the ICP-MS method.

Rock Sample Results

Rock sample Certificates of Analysis can be found in Appendix II. Table II gives the location and description of the rock samples. Figure 4 shows the rock sample locations.

TABLE II
ROCK SAMPLE LOCATIONS AND DESCRIPTIONS

SAMPLE #	NORTH	EAST	DESCRIPTION
1104324	6997176	447306	Argillite w 2% py, tr cpy, limonite, wk brxx
1104325	6997178	447307	Dyke w 3% py, siliceous
1104326	6996010	449067	Shale w hydrozincite, orange rusty
1104327	6996017	449048	Felsic intrusive w 2% py and 1% aspy
1104328	6996014	449042	Shale w limonite
1104329	6996015	449044	Shale w scorodite
1104330	6996024	449030	Shale w yellow stain and qtz veinlets
1104331	6996022	449050	Calcareous shale w 1% pyrite
1104332	6996065	448944	Altered felsic dyke, quartz veinlets
1104333	6996237	448716	Argillite w 2% pyrite, siliceous, orange stain
1104334	6996242	448706	Calcareous shale, 2% py, 1% po, siliceous
1104336	6996671	447994	Qtz vein float, red stain, weak MnO
1104337	6996676	447986	Qtz float with limonite
1104480	6996926	447063	Talus - 10cm qtz vein w 5% aspy
1104481	6996871	446964	Talus - Granite w dissem aspy
1104482	6996874	446960	Talus - Granite, no sus
1104483	6996844	446905	Talus - Granite, rusty, minor py
1104484	6996835	446892	Talus - Granite w 1% aspy
1104485	6996835	446833	Talus - Argillite w 3cm qtz vein with aspy
1104486	6996753	446836	Talus – Argillite w up to 1% aspy
1104487	6996668	446772	Talus – argillite and qtz, both with aspy
1104488	6996500	446708	Talus – argillite and qtz, both with aspy
1104489	6996217	446840	Talus – granite with <1% py+aspy, limonite
1104490	6996203	446843	Talus – granite with 3-4% aspy
1104491	6996105	446905	Granitic dyke with aspy
1104492	6996090	446904	Talus – gossan, minor qtz and py
1104493	6996011	446880	Talus – granite w 5% aspy
1104494	6995816	446800	Talus – granite w minor diss aspy
1285283	6996836	447264	Granite w qtz vein and diss py and aspy
1285284	6996824	447269	Black shale w qtz vein and diss py and aspy
1285285	6996762	447230	Black shale w diss py
1285286	6996761	447232	Black shale w qtz and diss py
1285287	6996769	447236	Qtz vein with diss py
1285288	6996834	447345	Granite with diss py and aspy
1285289	6996765	447372	Float – qtz with diss py and aspy
1285290	6996740	447405	Float – qtz with diss py and aspy
1285362	6996404	447050	Qtz monzonite w aspy
1285363	6996425	447074	Qtz monzonite w aspy and green alt
1285364	6996424	447069	Qtz monzonite w aspy/py and green alt
1285365	6996426	447077	Qtz monzonite w aspy/py and green alt
1285366	6996411	447054	Qtz monzonite w green alt

SAMPLE #	NORTH	EAST	DESCRIPTION
1285367	6996448	447095	Qtz monzonite w diss py/aspy
1285369	6996561	447284	Black shale w qtz veinlets and minor aspy
1285370	6996592	447463	Granite w qtz veinlets and minor aspy
1285371	6996556	447450	Granite w minor aspy
1285372	6996668	447428	Granite w minor aspy
1285373	6996482	447119	Granite w minor aspy
1285374	6996448	447087	Qtz monzonite w aspy veinlets
1285375	6996404	447039	Granite w aspy veinlets
1285376	6996388	447033	Granite w aspy veinlets
1285377	6996351	447046	Granite w aspy veinlets

Table III shows the significant rock sample results for a number of elements. A discussion of results can be found after the soil sampling section below.

TABLE III
ROCK SAMPLE SIGNIFICANT RESULTS

SAMPLE #	Au ppb	Ag ppm	As ppm	Sb ppm	Bi ppm	Mo Ppm	Cu ppm	Pb Ppm	Zn ppm
1104324	22	0.4	**610.6**	0.8	0.4	1.0	22.3	20.2	87
1104325	<2	0.2	43.3	0.3	0.3	0.4	92.7	16.5	41
1104326	3	1.9	4.6	2.9	0.1	12.0	163.0	9.2	**955**
1104327	<2	0.6	165.3	1.1	0.6	0.4	12.1	48.7	367
1104328	3	1.6	38.2	4.0	0.3	31.9	11.0	161.1	5
1104329	5	2.2	98.0	**60.5**	0.3	**277.6**	40.8	**863.1**	28
1104330	<2	0.5	8.7	3.7	0.3	23.4	13.5	56.1	12
1104331	3	0.8	30.3	9.9	0.1	**73.3**	31.4	13.4	**549**
1104332	3	1.2	444.8	0.7	0.7	2.4	5.2	74.6	10
1104333	19	0.5	2.1	1.0	0.2	2.4	99.1	14.5	76
1104334	5	0.2	1.7	0.4	<0.1	0.5	20.0	5.3	18
1104336	<2	0.1	177.7	0.6	<0.1	0.2	8.6	3.8	33
1104337	<2	<0.1	17.7	0.2	<0.1	0.5	17.6	1.9	13
1104480	**2850**	**5.8**	**>10000**	17.8	**203.0**	1.2	2.9	78.5	2
1104481	<2	0.5	**9959.2**	2.5	1.7	0.3	12.6	31.4	41
1104482	2	<0.1	53.8	0.2	0.8	0.3	23.2	9.4	38
1104483	<2	0.1	313.6	0.4	0.6	0.2	13.1	8.7	43
1104484	<2	<0.1	20.0	0.2	0.4	0.4	9.2	7.2	41
1104485	6	0.2	**3665.7**	1.8	2.0	3.1	132.6	9.1	26
1104486	12	0.7	**6657.7**	2.5	2.8	2.5	98.9	26.5	31
1104487	**229**	1.2	**>10000**	22.4	**11.0**	1.2	36.9	7.5	11
1104488	<2	<0.1	**1014.2**	0.4	0.6	0.3	8.4	8.8	16
1104489	3	1.7	171.3	0.7	2.6	0.1	64.8	68.7	87
1104490	**138**	0.2	**>10000**	9.1	5.7	0.3	7.0	10.4	18
1104491	15	0.3	**1922.6**	1.4	0.8	0.2	8.4	14.5	24
1104492	11	0.8	358.5	1.9	0.5	4.3	63.3	24.4	255
1104493	3	0.4	158.2	0.6	1.0	0.3	7.7	11.0	91
1104494	39	0.4	**>10000**	8.7	3.5	0.3	4.6	21.3	30
1285283	<2	0.2	35.1	0.3	0.4	1.1	78.7	5.4	17
1285284	**734**	0.6	**>10000**	35.4	**18.2**	2.0	23.3	22.0	7
1285285	17	0.1	**2872.7**	1.3	0.8	0.7	21.0	16.2	43
1285286	6	0.3	78.7	0.4	0.3	2.3	68.3	18.1	78

SAMPLE #	Au ppb	Ag ppm	As ppm	Sb ppm	Bi ppm	Mo Ppm	Cu ppm	Pb Ppm	Zn ppm
1285287	58	3.2	**3752.4**	2.1	9.4	0.2	4.6	202.4	22
1285288	2	0.2	328.5	0.5	0.3	0.3	18.7	16.0	105
1285289	<2	0.2	147.6	0.3	0.2	0.2	21.5	14.2	47
1285290	25	0.1	**1597.9**	0.8	0.2	0.2	15.5	11.7	64
1285362	24	0.1	**>10000**	5.7	1.4	0.3	4.3	14.0	47
1285363	**607**	**9.0**	**>10000**	**145.6**	**149.5**	1.1	4.8	256.4	8
1285364	11	**12.2**	**520.9**	3.7	6.1	0.2	52.1	**4321.8**	**1505**
1285365	5	**25.7**	**2091.4**	12.9	**13.8**	0.1	26.2	**4831.5**	306
1285366	10	**7.0**	**6176.9**	3.2	6.2	0.2	12.4	**716.2**	151
1285367	24	0.8	**>10000**	8.8	**25.1**	0.7	7.9	36.6	36
1285369	6	0.6	11.3	0.8	0.2	3.0	75.5	17.0	226
1285370	<2	0.4	47.6	0.3	0.4	0.3	21.6	29.6	13
1285371	<2	0.3	78.5	2.7	0.4	0.4	17.6	17.4	95
1285372	18	0.2	442.9	0.6	0.2	0.2	26.2	10.2	81
1285373	**196**	0.1	**>10000**	5.8	1.2	0.2	9.4	6.5	47
1285374	**239**	1.6	**>10000**	13.1	**89.3**	0.4	9.4	44.9	26
1285375	13	0.2	**6043.9**	3.8	1.6	1.7	25.9	10.7	27
1285376	**144**	1.0	**>10000**	16.5	**32.4**	0.5	18.2	15.9	13
1285377	72	**5.2**	**>10000**	23.2	**21.5**	0.4	34.0	202.9	26

Soil Sampling Techniques

During the 2011 exploration program, a total of 77 soil samples were collected. The samples were taken at 50 metre spacings along two contour lines put in along the north and south sides of Ben Creek. Figure 4 shows the soil sample locations.

Soil samplers tried to collected from the 'B' horizon soil whenever possible, however intermittent talus on the south facing slope and occasional deep moss and permafrost on the north facing slope did not allow for consistent 'B' horizon sampling. Samples were collected using a mattock or shovel and were taken from the "best" looking soil material available at each station. Sample sites were labeled with fluorescent flagging with the station number recorded on it, and soil was placed in correspondingly labeled Kraft soil bags.

All soil samples were shipped to ACME Laboratory Ltd.'s preparation facility in Whitehorse where they were dried and sieved to -230 mesh. The prepared samples were then shipped by ACME to their Vancouver laboratory for analyses. The samples were analysed for 36 elements (including gold) by the ICP-MS method. ACME Labs Ltd. Certificates of Analyses for soil samples can be found in Appendix III.

Discussion Of Results

Figures 5 through 13 are geochemistry maps for gold, silver, arsenic, antimony, bismuth, molybdenum, copper, lead and zinc, respectively.

Rock sampling was limited to the south side of Ben Creek, largely within or marginal to the intrusive unit. Quartz veinlets and stockworks were sampled and often contained trace to abundant arsenopyrite as is reflected by the high arsenic values obtained in these samples.

Gold and silver values in the soil samples are generally low, with the highest values being 27 ppb Au and 5.3 ppm Ag. Arsenic is notably high in many rock samples, and also had elevated sections in both soil lines for distances of approximately 450 and 700 metres, with values as high as 479 ppm As. High bismuth values are found in rock samples confined to the intrusive unit, however, bismuth values in soil samples are low.

Several rock samples within the intrusive unit returned gold values of >100 ppb, with the highest being 2850 ppb from a 10 centimetre wide quartz veinlet with 5% arsenopyrite. The higher gold values in rock samples are all associated with high arsenic values (generally >1%). There is also a strong gold association in rock samples with highly elevated bismuth, with values up to 203 ppm Bi correlating to the highest gold assay.

For base metals, molybdenum, copper and lead show spotty anomalous soil values on both lines, with single station readings up to 59.7 ppm Mo, 446.4 ppm Cu and 76 ppm Pb. Zinc gives higher values on the eastern ends of both grid lines, where they are in closer association with the Niddery Lake member black shales. The highest zinc value in soils is 1710 ppm.

Rock samples contained spotty higher values of molybdenum, copper, lead and zinc. The highest molybdenum in a rock sample is 277.6 ppm located in the narrow band of Niddery Lake Member black shale. Copper, lead and zinc are also elevated within the black shale unit, with values up to 163 ppm Cu, 863.1 Pb and 955 Zn. The highest lead and zinc values, however, are from within the intrusive unit in an area with pyrite and arsenopyrite (plus elevated gold, silver and bismuth). The best lead assay is 4831.5 ppm and zinc is 1505 ppm.

9) GEOPHYSICS

In July 2011, a DIGHEM electromagnetic/resistivity/magnetic survey was flown over the Ben Claims for Colorado by Fugro Airborne Surveys ("Fugro"). Survey coverage consisted of approximately 84.6 line kilometres including 11.4 line kilometres of tie lines. Flight lines were flown with a line separation of 200 metres. Tie lines were flown perpendicular to the flight direction, with a line spacing of 2000 metres. Flight lines were oriented at 27°/207° and tie lines at 117°/297° (Figure 14).

The survey employed the DIGHEM electromagnetic ("EM") system. Ancillary equipment consisted of a high sensitivity cesium magnetometer, radar and laser altimeters, video camera, digital data recorder, and an electronic navigation system. The instrumentation was installed in an AS-350-B2 turbine helicopter (Registration C-GJIX) that was provided by Questral Helicopters Ltd. The helicopter flew with a nominal EM sensor height of approximately 35 metres.

Table IV lists the corner coordinates of the survey area in NAD83, UTM Zone 9N, central meridian 129°W.

TABLE IV
AIRBORNE SURVEY CORNER COORDINATES

BLOCK	CORNERS	X – UTM E	Y – UTM Z
Job 11046 – 2	1	447936	7000006
Ben Claims	2	451144	6998372
	3	449101	6994362
	4	445893	6995996

Figures 15 and 16 are coloured contour plots of the airborne magnetics. Overlain on the Total Magnetic Intensity ("TMI") and Calculated Vertical Gradient ("CVG") magnetic plots are the arsenic geochemistry values for special reference. These plots are also overlain on the regional geology map (Abbott, in publ.).

The TMI plot shows a prominent magnetic high feature located just north of Ben Creek. Although no geological features appear to be related to this magnetic high, more detailed mapping is required in order to determine the cause of this feature. Weak east-west magnetic low trends roughly parallel Ben Creek and are probably related to structural features such as faults. The CVG plot is quite noisy and additional interpretation is required to gain much use from this attribute. Tilt derivative, in this lithological package, is probably a more useful plot for magnetic interpretations.

Figure 17 and 18 are coloured contour plots of apparent resistivities using 7200 Hz and 56,000 Hz frequencies. Both figures identify the Cretaceous intrusive unit in the southwest portion of the claim block. There are also zones of higher apparent resistivity in the southeast and northern portions of the claims. The additional features may be related to un-mapped or buried intrusives similar to that seen in the southwest. These intrusive bodies have been seen to be associated with gold mineralization on the Ben Property, so are important feature for follow-up exploration work.

Table V summarizes the discrete EM anomaly responses interpreted from the survey data with respect to conductance grade and interpretation for the survey areas. An interpretation map, which includes magnetic and EM anomalies, is shown on Figure 19. Prominent magnetic and conductive zones have been outlined in red or blue, respectively. Linear features that have been interpreted from either the magnetic or resistivity data, and which may reflect possible structural breaks within the survey area, are shown with a dashed green line.

TABLE V
EM ANOMALY STATISTICS

CONDUCTOR GRADE	CONDUCTANCE RANGE SIEMENS (MOHS)	NUMBER OF RESPONSES
7	>100	10
6	50-100	16
5	20-50	35
4	10-20	42
3	5-10	55

CONDUCTOR GRADE	CONDUCTANCE RANGE SIEMENS (MOHS)	NUMBER OF RESPONSES
2	1-5	166
1	<1	129
*	Indeterminate	12
TOTAL		465
CONDUCTOR MODEL	**MOST LIKELY SOURCE**	**NUMBER OF RESPONSES**
D	Discrete bedrock conductor (thin dyke model)	41
B	Bedrock conductor	390
S	Conductive cover	34
TOTAL		465

Three conductive zones, R1 through R3, are evident within this claim block. R1 is the most extensive zone, and reflects multiple closely spaced conductive sources. The 900 Hz parameter displays the lowest resistivities, suggesting the source of the conductivity is at depth.

Several moderately magnetic features, M1 through M4, are associated with the central region of R1, although the strongest conductivities within R1 are located around the edge of the zone and are generally non-magnetic. Magnetic zones M1 through M4 appear to be intersected by or separated from each other by several possible structural features.

Conductive zone R3 reflects multiple possible bedrock sources situated in the southern corner of the survey area. This east/west trending feature is situated along an inferred structural feature that intersects magnetic zone M6.

Fugro's conclusions and recommendations state:

> *This report provides a very brief description of the survey results and describes the equipment, data processing procedures and logistics of the survey.*
>
> *The survey has been successful in mapping the magnetic and conductive properties of the survey areas. The survey was also successful in locating anomalous zones that may warrant additional work. The various maps included with this report display the magnetic and conductive properties of the survey areas. It is recommended that a complete assessment and detailed evaluation of the survey results be carried out, in conjunction with all available geophysical, geological and geochemical information.*
>
> *The interpreted bedrock conductors and anomalous targets defined by the survey should be subjected to further investigation, using appropriate surface exploration techniques. Anomalies that are currently considered to be of moderately low priority may require upgrading if follow-up results are favourable.*

> *It is also recommended that image processing of existing geophysical data be considered, in order to extract the maximum amount of information from the survey results. Current software and imaging techniques often provide valuable information on structure and lithology, which may not be clearly evident on the contour and colour maps. These techniques can yield images that define subtle, but significant, structural details.*

The entire Fugro report can be seen in Appendix IV.

10) CONCLUSIONS

The Ben Property, owned by Colorado Resources Ltd. ("Colorado"), comprises base and precious metal targets located southeast of the MacMillan Pass airstrip in northeastern Yukon. The Ben Property is largely underlain by the middle Devonian MacMillan Pass Member Shale Facies unit. This unit appears to form a broad syncline with axis roughly paralleling westerly flowing Ben Creek near the centre of the property. Above the Shale Facies is a narrow band of chert and shale of the Niddery Lake Member, which is in turn overlain by Silurian-Devonian black shales and silty limestones of the Sapper Formation. South of Ben Creek is a prominent Cretaceous granitic intrusion, with a mapped diameter of approximately 800 metres. There is a 200 metre wide southerly trending apophysis off this intrusion that runs for about one kilometre from the main body.

The geology and structural setting at HudBay's Tom deposit, located 8 kilometres to the north, is very similar to that found on the Ben claims. The Tom contains stratabound lead-zinc deposits consisting of galena, sphalerite and barite in fine-grained black clastic rocks. Yukon Minfile states the mineable reserves of this deposit as 8,969,695 tonnes grading 7.09% Pb, 8.53% Zn and 79.79 g/t Ag.

The only previously recorded work on the Ben Property was by Spartan Explorations Ltd. ("Spartan") in 1968. This work consisted of a small soil and rock sampling program which returned elevated lead-zinc-copper-molybdenum values north of Ben Creek.

Work done by Colorado in 2011 has determined that soil and rock geochemistry identified gold-arsenic-bismuth mineralization associated with a Cretaceous intrusive unit. Spotty silver-molybdenum-copper-lead and zinc are also found within the intrusive unit and associated with the Niddery Lake member black shales.

The airborne geophysical survey plots of apparent resistivity identify the Cretaceous intrusive unit in the southwest portion of the claim block. There are also zones of higher apparent resistivity in the southeast and northern portions of the claims. These additional features may be related to un-mapped or buried intrusives similar to that seen in the southwest. Intrusive bodies are associated with gold mineralization on the Ben Property, so are important features for follow-up exploration work.

The airborne survey EM results show conductive zone, notably a large area in the central portion of the claim block which likely relates to the black shale units which are favourable host lithologies for Sedex style mineralization.

In conclusion, as well as Tom style sedex lead-zinc targets, two potential styles of gold mineralization may be present on the Ben Property. North of Ben Creek, the silty limestones of the Sapper Formation are favourable host units for Carlin type gold mineralization where suitable structures exist. To the south of Ben Creek, the coincident gold-arsenic values suggest the presence of intrusive-related "Tombstone" type gold mineralization. Further surface exploration is necessary to determine whether gold mineralization occurs as replacement zones in reactive sediments (Carlin-style), or within stockwork or veins within brittle sediments and associated intrusions (Tombstone-style).

11) RECOMMENDATIONS

For 2012, a Phase I exploration program consisting of detailed geological mapping, prospecting, rock and soil sampling is proposed for the Ben Property. A total of 1280 soil samples should be collected from a grid on the north side of Ben Creek at 50 metre intervals on initial lines spaced 200 metres apart. In addition, soil samples should also be taken at 50 metre intervals along contour soil lines on the south side of Ben Creek. Geological mapping and prospecting/rock sampling will be done to define contact areas, structures and mineralized zones.

If results warrant, a Phase II exploration program consisting of infill and expanded soil geochemical surveys, followed by a small excavator trenching and six hole diamond drilling program is recommended. Trenching and drilling will be designed to test the best coincident geochemical, geological and geophysical targets. The excavator trenches will be located where ground conditions allow and will dug using a helicopter portable mini-excavator. Where ground conditions are not amenable to trenching, diamond drilling will be utilized to test the target areas.

The Phase I exploration program is budgeted at $150,000. Phase II is dependent upon the results of the Phase I program and is budgeted at $550,000.

Respectfully submitted,

"Linda Dandy"

Linda Dandy, P.Geo.
February 18, 2012

12) REFERENCES

ABBOTT, J.G., In Publication; Geology of the MacMillan Pass Area: Yukon Geological Survey, Open File 2012-??.

MINING YUKON, MINING AND EXPLORATION PORTAL, 2011; Bedrock Geology of Yukon.

ROOTS, C.F. ABBOTT, J.G. CECILE, M.P. GORDEY, S.P., 1995; Bedrock Geology of Lansing Range Map Area (105N), East Half, Hess Mountains, Yukon: Exploration and Geological Services, Yukon Region, and Indian and Northern Affairs Canada.

SMITH, CLYDE L., 1968; 1968 Progress Report and Proposed Program 1969 Itsi Project, Eastern Yukon Territory: Yukon Government Assessment Report #019035.

YUKON GEOLOGICAL SURVEY; MINFILE 105O 011 Ben and MINFILE 105O 001 Tom.

13) COST STATEMENT – July - September 2011

GEOLOGIST:	1 day @ $750	$ 750.00
PROSPECTORS:	6 days @ $500	3,000.00
SAMPLERS:	2 days @ $450	900.00
ANALYSES:	51 ROCK SAMPLES @ $30.05	1,533.00
	77 SOIL SAMPLES @ $21.08	1,623.00
HELICOPTER:	4 HOURS @ $1250	5,000.00
	FUEL	740.00
FOOD AND ACCOMMODATION (Mac Pass) 11 mandays @ $400:		4,400.00
SUPPLIES, FREIGHT, TRAVEL AND MISCELLANEOUS:		500.00
REPORT PREPARATION:		3,000.00
TOTAL PROSPECTING AND SAMPLING COSTS:		$ 21,446.00

AIRBORNE GEOPHYSICAL SURVEY: 84.6 line km at $230	$ 19,527.00
FOOD AND ACCOMMODATION (Mac Pass): 12 mandays @ $400	4,800.00
TRANSPORT AND MOBILIZATION:	3,500.00
TOTAL AIRBORNE GEOPHYSICAL SURVEY COSTS:	$ 27,827.00

14) QUALIFICATIONS

I, Linda Dandy, hereby certify that:

1. I am a Consulting Geologist having an office at 4900 Warm Bay Road, Atlin, British Columbia, V0W 1A0.

2. I am a graduate of the University of British Columbia with the degree of Bachelor of Science in Geology (1981).

3. I am a member of the Association of Professional Engineers and Geoscientists of British Columbia (Registration No. 19236) and a Fellow of the Geological Association of Canada (Membership No. F5201).

4. I have practiced my profession in North America since 1981, having worked as an employee and consultant for Major Mining Corporations, Junior Resource Companies and government.

5. This report is based upon a personal examination of available company and government reports pertinent to the subject property, and direct supervision of field work undertaken on the property in July to September, 2011.

"Linda Dandy"
Linda Dandy, P.Geo.
Consulting Geologist

February 18, 2012
Atlin, BC

APPENDICES

APPENDIX I – FIGURES 1 TO 19

APPENDIX II – ROCK SAMPLE RESULTS – CERTIFICATES OF ANALYSES

APPENDIX III – SOIL SAMPLE RESULTS – CERTIFICATES OF ANALYSES

APPENDIX IV – FUGRO AIRBORNE SURVEYS LTD. – GEOPHYSICAL REPORT

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

www.acmelab.com

Client: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Submitted By: Linda Dandy
Receiving Lab: Canada-Whitehorse
Received: September 15, 2011
Report Date: November 21, 2011
Page: 1 of 5

CERTIFICATE OF ANALYSIS WHI11001691.1

CLIENT JOB INFORMATION

Project: Oro Property
Shipment ID: #25
P.O. Number
Number of Samples: 113

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	112	Crush, split and pulverize 250 g rock to 200 mesh			VAN
3B	112	Fire assay fusion Au by ICP-ES	30	Completed	VAN
1DX	112	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Colorado Resources Ltd.
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6
Canada

CC: Dugald Dunlop
Adam Travis

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: November 21, 2011

CERTIFICATE OF ANALYSIS WHI11001691.1

	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
1285158	Rock	8.49	4	7.0	5.9	8.9	2	0.2	1.9	<0.1	17	0.50	5.6	<0.5	0.9	9	<0.1	1.4	0.1	41	<0.01
1285156	Rock	7.71	<2	11.7	7.6	11.3	2	<0.1	1.7	<0.1	7	0.49	10.9	1.3	1.0	8	<0.1	2.2	0.2	37	<0.01
1282451	Rock	0.61	908	0.9	113.6	30.6	73	38.8	1.9	1.0	31	0.80	1251	612.6	<0.1	8	3.9	>2000	4.9	<2	<0.01
1093987	Rock	1.12	<2	0.8	2.9	0.7	68	<0.1	6.6	0.8	77	0.79	1.7	<0.5	<0.1	31	0.5	16.3	<0.1	<2	0.07
1093988	Rock	1.48	<2	3.1	23.2	2.1	26	0.4	5.6	0.3	57	0.78	29.6	1.3	0.2	97	0.2	35.6	<0.1	23	0.05
1093989	Rock	1.71	<2	22.1	21.7	7.3	147	0.1	27.1	0.4	50	0.96	36.2	<0.5	0.5	140	1.1	9.2	<0.1	321	0.02
1093990	Rock	2.88	4	0.4	1.6	0.5	5	<0.1	1.1	<0.1	4	0.02	0.5	2.2	<0.1	276	0.1	1.5	<0.1	50	0.01
1093991	Rock	1.60	<2	0.9	11.2	0.8	4	0.1	1.0	0.1	64	0.61	13.9	0.7	<0.1	20	<0.1	4.8	<0.1	4	<0.01
1285201	Rock	5.20	292	312.4	51.1	11.8	428	3.4	78.5	2.5	36	4.56	1427	144.8	2.2	186	5.7	596.8	0.3	258	<0.01
1285202	Rock	7.66	226	16.8	55.1	8.8	18	1.9	3.5	0.4	24	0.90	72.8	96.6	1.2	21	1.0	105.2	0.2	204	0.02
1285203	Rock	8.89	211	27.8	57.8	9.8	53	2.1	8.4	0.8	40	1.30	136.5	31.9	0.9	97	1.0	185.1	0.4	197	0.01
1285204	Rock	7.00	279	5.9	30.5	14.7	17	1.5	2.2	0.2	21	0.45	39.3	148.0	1.3	31	0.6	51.3	0.4	115	<0.01
1285205	Rock	6.68	209	29.7	44.3	15.4	21	1.9	4.1	0.5	37	1.20	79.5	41.9	1.6	97	0.6	85.9	0.3	200	0.02
1285206	Rock	6.93	236	20.7	35.7	14.7	15	1.9	3.8	0.3	32	1.02	60.2	53.5	1.9	80	0.8	60.8	0.3	182	0.03
1285220	Rock	6.93	28	73.5	69.9	11.6	37	1.1	4.7	0.4	32	1.84	199.3	7.4	1.1	7	0.7	45.2	<0.1	351	<0.01
1285221	Rock	5.95	21	45.3	64.8	8.3	34	0.7	5.3	0.6	37	2.25	134.8	2.1	1.0	17	0.4	33.4	0.1	342	<0.01
1285222	Rock	6.45	12	32.4	59.0	10.8	44	0.9	5.4	0.4	22	2.04	72.8	5.4	1.4	60	0.3	43.2	<0.1	284	<0.01
1285151	Rock	6.08	4	16.2	50.2	16.2	760	2.0	62.0	9.3	44	3.98	97.0	0.8	2.3	31	0.4	13.5	0.2	196	<0.01
1285152	Rock	8.03	3	11.3	10.6	12.1	4	0.3	3.2	0.1	5	0.46	3.7	<0.5	1.4	7	<0.1	1.6	0.1	40	<0.01
1285153	Rock	7.53	<2	7.1	4.2	11.8	2	0.1	2.6	<0.1	5	0.28	3.4	<0.5	1.1	7	<0.1	1.4	0.1	28	<0.01
1285213	Rock	7.11	43	25.1	55.0	9.9	100	0.7	21.2	2.1	53	1.23	91.6	5.1	1.8	54	1.4	30.1	0.2	153	0.08
1285214	Rock	6.97	31	46.7	71.5	9.7	89	0.7	18.9	1.3	40	1.70	153.9	5.1	1.2	47	1.4	50.8	<0.1	193	0.06
1285215	Rock	7.06	28	52.9	50.9	11.0	131	1.1	27.6	1.5	46	1.54	174.0	11.2	1.6	88	1.2	50.4	0.1	177	0.09
1285223	Rock	8.13	<2	7.1	33.0	12.8	10	1.0	2.7	0.1	15	0.75	42.4	1.2	1.2	99	0.3	21.2	<0.1	200	0.02
1285224	Rock	6.39	7	19.1	52.1	17.2	17	1.3	5.3	0.2	30	1.44	62.8	<0.5	1.4	81	0.3	45.1	<0.1	285	<0.01
1285225	Rock	6.37	64	45.0	66.3	14.5	226	1.0	48.1	3.3	65	1.70	150.3	27.3	2.1	46	3.0	46.2	0.1	257	0.06
1285210	Rock	6.14	68	37.1	116.2	19.5	79	1.4	13.9	1.1	27	1.72	104.0	23.8	2.4	135	1.3	54.0	0.2	211	0.08
1285211	Rock	6.25	33	32.9	71.7	16.8	263	0.8	54.0	5.0	99	1.92	100.1	9.8	2.7	52	2.1	9.6	0.4	218	0.13
1285212	Rock	7.40	34	21.6	50.6	12.8	100	0.8	22.9	2.4	64	1.14	82.6	11.4	1.6	39	1.4	11.4	0.1	182	0.07
1285207	Rock	6.17	110	11.6	23.7	33.7	11	1.6	2.5	0.2	18	0.67	56.4	36.0	8.2	85	0.6	6.1	0.5	96	<0.01

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: November 21, 2011

CERTIFICATE OF ANALYSIS WHI11001691.1

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
1285158	Rock	0.003	1	3	<0.01	162	<0.001	<20	0.33	0.006	0.15	<0.1	0.27	0.4	0.11	0.8	1.1	1	<0.2
1285156	Rock	0.007	<1	4	0.02	185	<0.001	<20	0.38	0.005	0.13	<0.1	0.13	0.4	<0.05	0.8	1.0	2	<0.2
1282451	Rock	0.008	1	5	0.01	73	<0.001	56	0.28	<0.001	0.17	<0.1	65.51	1.9	1.39	<0.1	52.8	<1	<0.2
1093987	Rock	0.028	<1	5	<0.01	108	<0.001	<20	0.10	0.003	0.05	<0.1	0.06	<0.1	<0.05	0.3	<0.5	<1	<0.2
1093988	Rock	0.087	<1	5	<0.01	56	<0.001	<20	0.16	<0.001	0.02	<0.1	2.06	0.2	<0.05	0.2	0.7	<1	<0.2
1093989	Rock	0.029	1	16	<0.01	2001	0.002	32	0.18	<0.001	0.03	0.1	0.13	0.6	0.10	1.2	2.5	<1	<0.2
1093990	Rock	<0.001	<1	<1	<0.01	1187	0.003	<20	0.01	<0.001	<0.01	<0.1	0.14	0.1	0.08	<0.1	<0.5	<1	<0.2
1093991	Rock	0.016	<1	5	<0.01	1062	<0.001	<20	0.04	0.002	<0.01	<0.1	0.78	<0.1	<0.05	<0.1	0.9	<1	<0.2
1285201	Rock	0.076	9	16	0.02	744	0.001	47	0.43	<0.001	0.17	2.0	96.00	3.5	0.20	1.8	36.6	1	0.5
1285202	Rock	0.010	11	14	0.02	482	0.002	36	0.40	<0.001	0.11	0.6	98.96	0.9	<0.05	0.2	6.9	<1	1.0
1285203	Rock	0.040	5	18	0.02	510	0.002	<20	0.35	<0.001	0.13	1.0	>100	1.3	0.11	3.2	7.2	1	0.3
1285204	Rock	0.013	11	17	0.02	725	0.002	62	0.43	<0.001	0.11	0.3	98.20	1.0	<0.05	1.8	8.3	1	<0.2
1285205	Rock	0.040	9	18	0.02	1007	0.001	33	0.43	<0.001	0.14	3.3	38.53	0.8	0.11	1.2	7.4	2	<0.2
1285206	Rock	0.024	9	15	0.02	545	0.001	38	0.43	<0.001	0.12	2.1	49.75	1.3	0.08	1.0	11.6	2	0.2
1285220	Rock	0.027	6	17	0.02	179	0.001	<20	0.35	<0.001	0.10	0.4	3.61	1.1	<0.05	0.8	20.4	1	<0.2
1285221	Rock	0.039	6	14	0.02	242	0.001	<20	0.30	<0.001	0.11	0.4	2.47	1.4	<0.05	0.8	35.0	1	0.3
1285222	Rock	0.058	7	20	0.02	179	0.001	<20	0.28	<0.001	0.11	0.5	1.60	2.7	<0.05	1.0	13.3	1	0.3
1285151	Rock	0.185	4	29	0.02	522	<0.001	<20	0.62	0.008	0.21	<0.1	0.22	0.9	0.21	6.5	20.2	2	<0.2
1285152	Rock	0.008	1	8	0.01	227	<0.001	<20	0.35	0.006	0.15	<0.1	0.10	0.3	0.09	0.8	4.7	1	<0.2
1285153	Rock	0.004	1	4	<0.01	193	<0.001	<20	0.32	0.005	0.11	<0.1	0.14	0.3	0.08	0.6	0.8	1	<0.2
1285213	Rock	0.050	9	10	0.04	926	0.001	<20	0.35	0.001	0.09	0.4	6.65	1.0	<0.05	1.2	5.4	1	<0.2
1285214	Rock	0.044	5	9	0.02	786	0.001	<20	0.27	0.001	0.08	0.4	5.87	1.7	<0.05	0.8	9.2	1	0.2
1285215	Rock	0.043	8	9	0.03	555	0.001	<20	0.32	0.001	0.10	0.8	4.70	2.6	0.09	1.3	10.1	1	<0.2
1285223	Rock	0.061	7	13	0.01	477	<0.001	<20	0.26	<0.001	0.09	0.4	2.19	2.2	<0.05	0.8	4.6	1	0.2
1285224	Rock	0.060	7	19	0.02	163	0.001	<20	0.27	<0.001	0.10	0.6	2.58	2.9	0.05	0.9	6.8	1	0.2
1285225	Rock	0.049	11	21	0.05	1205	0.003	<20	0.53	<0.001	0.10	0.6	6.46	1.1	<0.05	1.9	14.3	2	0.3
1285210	Rock	0.076	10	19	0.03	591	0.001	<20	0.40	0.003	0.16	1.2	3.20	2.2	0.16	1.9	9.6	2	0.3
1285211	Rock	0.082	13	19	0.07	934	0.002	<20	0.57	<0.001	0.13	0.2	5.16	1.1	0.06	2.0	5.8	1	<0.2
1285212	Rock	0.051	10	15	0.04	974	0.001	<20	0.38	<0.001	0.10	0.4	4.16	1.0	0.05	1.3	5.5	1	<0.2
1285207	Rock	0.033	25	10	0.01	366	<0.001	<20	0.38	0.002	0.16	0.4	11.34	1.1	0.12	0.8	5.3	2	0.2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: November 21, 2011

CERTIFICATE OF ANALYSIS WHI11001691.1

	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
1285208	Rock	6.92	35	13.4	78.8	10.2	15	1.4	4.4	0.2	23	0.56	44.2	17.4	2.0	235	0.8	14.4	0.1	271	0.11
1285209	Rock	5.61	57	17.2	63.9	8.2	11	0.9	2.5	0.2	15	0.71	50.5	20.9	1.3	71	0.7	9.8	<0.1	164	0.01
1285154	Rock	8.26	3	7.6	4.8	10.4	2	0.1	2.6	<0.1	5	0.31	3.5	<0.5	1.0	7	<0.1	0.9	0.1	32	<0.01
1285155	Rock	7.52	2	11.3	6.3	13.1	3	0.1	3.4	0.1	5	0.58	21.4	<0.5	1.2	10	<0.1	2.5	0.1	46	<0.01
1285157	Rock	7.84	4	10.8	6.3	8.3	2	<0.1	2.6	<0.1	7	0.50	12.8	<0.5	1.1	13	<0.1	2.7	<0.1	40	<0.01
1283548	Rock	1.17	<2	0.3	37.0	2.0	18	<0.1	54.5	12.5	961	3.17	<0.5	<0.5	1.3	399	<0.1	<0.1	<0.1	47	28.68
1285251	Rock	1.39	<2	0.8	21.7	2.4	18	<0.1	40.1	13.3	988	3.29	10.4	<0.5	1.4	411	<0.1	0.1	<0.1	92	25.00
1285252	Rock	1.10	<2	1.0	28.6	5.7	13	<0.1	99.8	32.4	608	2.87	9.8	<0.5	3.6	181	<0.1	0.2	0.1	59	16.95
1285253	Rock	1.18	3	0.6	17.2	2.4	37	<0.1	58.5	23.0	1126	4.38	51.5	<0.5	1.4	487	0.1	0.2	<0.1	101	17.75
1285254	Rock	1.72	<2	0.1	322.0	0.5	6	<0.1	16.1	3.8	613	1.21	0.6	<0.5	0.2	271	<0.1	<0.1	<0.1	29	33.61
1285255	Rock	1.38	2	1.5	47.6	5.4	36	0.1	129.5	34.2	1081	5.18	8.5	<0.5	5.2	198	<0.1	0.2	<0.1	84	13.75
1285256	Rock	1.23	<2	0.9	102.2	2.5	44	<0.1	101.1	26.8	1216	5.27	2.2	<0.5	1.6	140	0.1	0.3	<0.1	90	10.00
1285257	Rock	1.72	<2	0.7	8.5	0.6	47	<0.1	55.2	10.1	672	3.59	3.4	<0.5	0.5	145	<0.1	0.2	<0.1	38	8.67
1285258	Rock	1.12	<2	0.4	14.2	1.4	84	<0.1	103.7	19.2	1580	7.84	0.8	<0.5	1.1	227	<0.1	0.3	<0.1	88	16.53
1285216	Rock	7.37	51	113.9	54.0	11.8	85	1.4	26.7	1.0	36	2.26	232.1	4.7	2.1	170	1.4	88.1	<0.1	278	0.15
1285218	Rock	5.13	59	39.6	65.1	21.4	53	1.6	15.1	1.0	28	1.52	106.8	15.6	1.8	70	0.8	34.8	<0.1	250	0.09
1285219	Rock	7.34	46	76.1	63.1	13.1	28	1.5	9.2	0.5	21	1.58	168.2	12.3	1.2	25	0.6	40.8	<0.1	292	0.02
1093810	Rock	1.58	4	2.5	16.6	72.9	42	3.0	2.4	0.8	15	1.61	130.0	5.5	8.4	10	<0.1	2.2	9.0	5	<0.01
1093982	Rock	2.20	141	0.3	76.5	1.2	48	0.4	64.2	39.5	929	4.54	5185	117.8	0.2	504	0.2	9.0	<0.1	14	6.79
1093983	Rock	2.14	143	0.2	62.5	1.3	52	0.2	49.4	29.0	897	4.26	3452	119.7	0.2	504	0.3	9.4	<0.1	16	6.71
1093984	Rock	1.54	<2	0.2	80.9	0.4	86	<0.1	70.9	39.1	1060	5.54	11.8	4.0	0.2	66	0.3	0.2	<0.1	119	2.85
1093985	Rock	1.73	222	0.2	75.4	0.8	51	0.5	43.4	27.9	987	4.76	1448	191.3	0.2	497	0.2	22.7	<0.1	25	7.66
1093986	Rock	1.90	430	0.3	53.4	0.7	57	0.9	48.6	29.6	957	5.06	1571	374.3	0.1	415	0.3	34.4	<0.1	17	8.08
1104435	Rock	0.89	<2	0.2	2.7	0.5	3	<0.1	2.3	0.6	63	0.65	4.7	1.2	0.1	1	<0.1	0.3	<0.1	<2	0.03
1285281	Rock	1.18	29	0.3	5.3	1.2	24	<0.1	11.4	2.6	106	0.89	24.5	30.7	0.6	641	<0.1	0.7	<0.1	4	4.80
1285282	Rock	1.21	3	0.9	89.8	1.6	61	0.2	21.0	1.9	17	1.38	2.4	3.3	1.6	24	0.2	0.1	0.2	33	0.12
1285280	Rock	1.09	11	13.3	30.7	10.6	24	2.1	19.7	0.6	25	1.78	37.5	0.6	2.8	13	0.2	11.7	0.1	427	0.05
1285279	Rock	1.02	<2	1.1	6.0	1.1	59	<0.1	31.6	5.5	118	2.09	9.1	0.8	0.3	3	<0.1	1.9	<0.1	17	<0.01
1285259	Rock	1.80	39	0.4	12.5	1.4	17	0.1	7.2	1.1	57	0.87	25.6	22.7	0.5	42	<0.1	0.7	<0.1	5	0.02
1285260	Rock	1.74	6	0.5	19.5	3.6	48	0.4	14.9	3.2	99	1.29	3.1	<0.5	1.4	292	0.5	0.2	<0.1	19	10.28

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: November 21, 2011

CERTIFICATE OF ANALYSIS WHI11001691.1

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
1285208	Rock	0.190	11	26	0.02	2079	0.002	<20	0.62	<0.001	0.12	1.1	6.32	1.0	0.07	1.9	4.5	2	0.2
1285209	Rock	0.032	5	15	0.02	310	<0.001	<20	0.27	<0.001	0.13	0.7	2.96	1.3	0.11	1.0	6.4	1	<0.2
1285154	Rock	0.003	1	7	0.02	187	<0.001	<20	0.32	0.004	0.11	<0.1	0.22	0.5	0.06	0.7	1.0	<1	<0.2
1285155	Rock	0.015	1	12	0.01	183	<0.001	<20	0.33	0.005	0.13	<0.1	0.17	0.8	0.08	0.7	1.5	1	<0.2
1285157	Rock	0.008	1	8	0.02	123	<0.001	<20	0.32	0.004	0.11	<0.1	0.15	0.8	<0.05	0.7	1.1	1	<0.2
1283548	Rock	0.077	5	37	0.97	256	<0.001	<20	0.28	0.011	0.05	<0.1	0.04	<0.1	<0.05	6.6	3.4	1	<0.2
1285251	Rock	0.112	3	65	1.13	199	0.002	<20	0.24	0.011	0.07	<0.1	0.03	<0.1	<0.05	11.2	2.2	<1	<0.2
1285252	Rock	0.198	3	69	0.20	319	<0.001	<20	0.48	0.008	0.19	<0.1	0.02	<0.1	<0.05	11.9	1.3	1	<0.2
1285253	Rock	0.109	6	81	1.91	208	<0.001	<20	0.26	0.011	0.08	<0.1	0.02	<0.1	<0.05	11.0	1.4	<1	<0.2
1285254	Rock	0.024	<1	18	0.23	46	<0.001	<20	0.06	0.005	0.01	<0.1	<0.01	<0.1	0.06	4.1	2.0	<1	<0.2
1285255	Rock	0.158	9	132	2.59	470	0.001	<20	0.43	0.017	0.17	<0.1	0.03	<0.1	0.06	10.7	0.8	1	<0.2
1285256	Rock	0.105	2	180	1.51	240	0.001	<20	0.75	0.008	0.08	<0.1	0.01	<0.1	<0.05	13.3	1.7	2	<0.2
1285257	Rock	0.030	1	72	1.39	106	0.001	<20	0.15	0.005	0.02	<0.1	<0.01	<0.1	<0.05	4.6	0.7	<1	<0.2
1285258	Rock	0.044	2	162	5.35	172	0.001	<20	0.28	0.024	0.04	<0.1	0.02	<0.1	0.21	7.8	0.9	<1	<0.2
1285216	Rock	0.076	9	12	0.03	619	0.001	<20	0.34	<0.001	0.16	1.6	5.61	3.3	0.16	0.9	30.5	2	0.2
1285218	Rock	0.049	9	18	0.04	517	0.001	<20	0.37	<0.001	0.11	0.5	5.12	2.3	<0.05	0.9	>100	2	0.3
1285219	Rock	0.038	6	19	0.02	187	0.001	<20	0.31	<0.001	0.10	0.4	4.62	1.9	<0.05	0.8	41.6	1	0.2
1093810	Rock	0.014	18	<1	0.02	174	<0.001	<20	0.30	0.004	0.21	1.3	1.66	0.3	0.61	0.2	3.6	<1	0.7
1093982	Rock	0.047	3	27	2.39	119	<0.001	<20	0.49	0.003	0.33	<0.1	0.11	0.1	1.53	15.8	0.9	<1	<0.2
1093983	Rock	0.044	3	29	2.30	417	<0.001	<20	0.49	0.002	0.33	<0.1	0.11	0.1	0.79	15.7	1.0	<1	<0.2
1093984	Rock	0.050	4	159	3.95	369	0.142	<20	3.64	<0.001	0.13	<0.1	0.01	<0.1	<0.05	16.3	0.8	9	<0.2
1093985	Rock	0.037	3	44	2.79	517	<0.001	<20	0.93	0.002	0.38	<0.1	0.14	0.1	0.73	20.1	0.6	2	<0.2
1093986	Rock	0.038	3	24	2.26	452	<0.001	<20	0.43	0.002	0.29	0.2	0.18	0.1	0.82	22.1	0.7	<1	<0.2
1104435	Rock	0.003	<1	11	<0.01	1765	<0.001	<20	0.05	0.001	0.02	<0.1	0.01	<0.1	<0.05	0.2	<0.5	<1	<0.2
1285281	Rock	0.019	2	9	0.04	186	<0.001	<20	0.09	0.002	0.02	<0.1	0.18	<0.1	<0.05	0.6	<0.5	<1	<0.2
1285282	Rock	0.021	2	32	0.30	772	<0.001	<20	1.26	0.019	0.15	<0.1	0.07	<0.1	<0.05	2.7	0.9	3	<0.2
1285280	Rock	0.114	4	50	0.02	4045	0.002	<20	1.51	<0.001	0.09	<0.1	0.62	0.7	0.06	3.2	18.3	5	<0.2
1285279	Rock	0.021	<1	11	0.01	360	<0.001	<20	0.08	0.002	<0.01	<0.1	0.05	<0.1	<0.05	0.6	1.2	<1	<0.2
1285259	Rock	0.023	2	9	<0.01	477	<0.001	<20	0.12	0.002	0.02	<0.1	0.07	<0.1	<0.05	1.2	0.5	<1	<0.2
1285260	Rock	0.036	5	19	0.20	1032	<0.001	<20	0.46	0.011	0.10	<0.1	0.08	<0.1	0.21	2.1	1.1	1	<0.2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: November 21, 2011

CERTIFICATE OF ANALYSIS WHI11001691.1

	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
1285261	Rock	1.36	10	0.9	61.4	3.9	53	0.5	15.2	1.6	23	1.36	3.1	<0.5	1.6	27	0.2	0.2	0.2	29	0.10
1285262	Rock	1.00	<2	0.5	4.9	3.7	33	0.2	9.5	2.2	145	1.07	2.6	<0.5	1.1	339	0.2	0.2	<0.1	8	12.80
1285263	Rock	1.71	26	0.7	7.5	1.0	61	<0.1	23.6	4.0	128	1.49	26.3	14.3	0.5	19	0.2	0.5	<0.1	5	0.90
1285264	Rock	1.24	18	0.7	61.4	6.7	35	0.8	12.4	1.6	28	1.46	3.5	3.7	1.2	43	<0.1	0.3	0.2	27	0.07
1285265	Rock	1.74	<2	5.6	32.8	12.5	18	0.4	5.1	0.5	57	1.55	65.3	<0.5	0.9	81	0.1	4.9	<0.1	96	0.03
1285266	Rock	1.68	2	16.7	61.3	12.9	56	0.3	7.5	0.8	65	2.40	58.6	<0.5	0.8	93	0.6	6.6	<0.1	114	0.03
1285267	Rock	1.59	11	3.5	17.8	9.1	18	0.3	4.2	0.4	53	1.15	37.6	2.1	1.0	114	<0.1	2.9	<0.1	40	0.02
1285268	Rock	1.67	10	1.9	11.9	5.2	11	0.1	2.9	0.2	20	0.59	28.8	0.9	1.0	97	<0.1	2.2	<0.1	32	0.02
1285269	Rock	1.18	3	26.9	38.8	7.3	51	0.9	65.5	1.0	24	1.81	39.8	<0.5	2.7	17	0.3	9.9	<0.1	374	0.03
1285270	Rock	1.65	<2	6.5	8.1	14.3	8	0.2	2.0	0.2	58	1.25	21.0	<0.5	0.7	67	<0.1	3.6	<0.1	31	<0.01
1285271	Rock	1.11	5	17.2	21.5	16.5	24	0.5	3.0	0.3	60	2.36	99.4	<0.5	1.3	194	0.3	9.5	<0.1	128	0.03
1285027	Rock	0.99	<2	0.2	3.8	51.6	42	<0.1	6.7	2.4	194	2.16	7.8	<0.5	0.3	<1	<0.1	0.2	<0.1	4	0.01
1285028	Rock	0.79	<2	0.3	2.6	17.2	39	<0.1	11.2	5.8	917	3.50	1.0	<0.5	0.2	3	<0.1	<0.1	<0.1	10	0.09
1285029	Rock	0.89	2	0.8	41.4	1.4	38	<0.1	10.6	0.9	380	1.35	1.4	<0.5	0.5	29	0.2	0.2	<0.1	25	2.19
1285030	Rock	0.83	<2	1.9	24.7	0.8	8	<0.1	4.0	0.5	53	0.56	3.3	<0.5	0.5	4	<0.1	1.2	<0.1	20	0.19
1285031	Rock	0.82	<2	0.6	11.0	3.2	28	<0.1	9.9	3.4	1439	2.37	9.0	<0.5	0.4	81	1.0	2.3	<0.1	6	23.78
1285032	Rock	0.91	<2	2.4	34.2	1.1	44	<0.1	17.0	1.7	367	1.44	1.6	<0.5	0.9	43	0.8	0.2	<0.1	58	2.58
1285033	Rock	0.77	<2	17.2	10.3	1.7	88	<0.1	23.0	1.5	64	0.77	8.6	<0.5	0.7	<1	0.2	2.5	<0.1	76	0.03
1285034	Rock	0.78	12	3.9	11.8	45.4	3	0.3	0.9	<0.1	15	0.37	36.7	10.7	10.7	95	0.2	6.2	0.1	28	0.01
1285035	Rock	0.74	113	75.5	294.1	13.1	2149	1.2	346.3	23.2	446	7.17	344.0	5.3	1.4	120	3.2	63.7	<0.1	1312	0.02
1285036	Rock	1.20	26	1.8	37.4	65.7	151	0.7	8.1	5.4	141	1.55	167.5	24.4	15.0	55	1.6	2.5	0.9	5	0.91
1285037	Rock	1.07	5	1.3	8.1	1.8	10	0.4	8.8	0.7	64	0.80	13.2	2.9	0.4	18	<0.1	2.7	<0.1	10	<0.01
1285038	Rock	1.35	<2	3.8	7.7	3.7	28	<0.1	13.0	1.6	66	0.89	6.2	<0.5	0.3	152	0.1	0.4	<0.1	11	0.02
1285039	Rock	0.95	<2	0.5	2.0	3.1	5	1.8	2.6	0.3	56	0.61	1.1	<0.5	0.1	7	<0.1	4.6	<0.1	7	<0.01
1285040	Rock	1.37	4	6.3	11.5	3.7	27	0.8	2.9	0.3	24	0.58	12.3	<0.5	0.8	198	0.4	5.0	<0.1	69	0.57
1285041	Rock	0.95	<2	2.1	2.7	6.2	2	0.2	1.9	0.2	50	0.72	2.7	<0.5	0.3	3	<0.1	0.6	<0.1	16	<0.01
1285272	Rock	1.79	45	1.0	3.6	32.7	6	<0.1	0.5	0.1	25	0.43	33.9	45.1	1.7	13	<0.1	0.8	0.6	9	<0.01
1285273	Rock	1.81	17	1.2	11.2	41.1	7	0.2	0.5	0.1	21	0.62	34.5	20.5	1.8	5	<0.1	1.3	0.6	8	<0.01
1285274	Rock	1.44	44	3.6	6.7	43.4	2	0.2	1.6	0.1	21	0.70	52.5	47.8	1.6	11	<0.1	1.2	0.7	24	<0.01
1285275	Rock	2.10	19	2.2	3.6	40.4	3	0.5	0.5	<0.1	22	0.49	36.7	18.8	1.9	10	<0.1	0.9	2.7	11	<0.01

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: November 21, 2011

CERTIFICATE OF ANALYSIS WHI11001691.1

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
1285261	Rock	0.018	2	29	0.20	884	<0.001	<20	1.04	0.016	0.15	<0.1	0.16	<0.1	0.07	2.6	1.9	3	<0.2
1285262	Rock	0.039	5	11	0.16	881	<0.001	<20	0.28	0.013	0.04	<0.1	0.06	<0.1	0.07	1.6	0.8	<1	<0.2
1285263	Rock	0.022	1	8	0.03	87	<0.001	<20	0.16	0.003	0.01	<0.1	0.09	<0.1	<0.05	0.8	1.2	<1	<0.2
1285264	Rock	0.015	1	25	0.13	1923	<0.001	<20	0.80	0.010	0.15	<0.1	0.28	<0.1	0.05	2.6	3.4	2	<0.2
1285265	Rock	0.093	1	20	<0.01	2542	<0.001	<20	0.30	0.001	0.06	<0.1	0.99	0.3	0.15	1.1	3.4	<1	<0.2
1285266	Rock	0.096	1	33	<0.01	2052	<0.001	<20	0.20	0.002	0.09	<0.1	0.97	0.4	0.25	1.5	5.9	<1	<0.2
1285267	Rock	0.058	2	18	<0.01	3037	<0.001	<20	0.20	0.002	0.05	<0.1	1.04	0.3	0.15	1.3	2.6	<1	<0.2
1285268	Rock	0.053	<1	16	<0.01	1509	<0.001	<20	0.17	<0.001	0.02	<0.1	0.37	0.1	0.08	1.7	0.9	<1	<0.2
1285269	Rock	0.091	5	24	0.02	1144	0.002	<20	1.37	<0.001	0.09	0.1	0.54	0.8	0.16	2.3	13.9	4	<0.2
1285270	Rock	0.058	<1	21	<0.01	703	<0.001	<20	0.10	0.003	0.06	<0.1	1.41	0.3	0.11	0.6	4.0	<1	<0.2
1285271	Rock	0.164	2	18	<0.01	492	<0.001	<20	0.25	0.002	0.14	<0.1	2.13	0.6	0.24	0.9	3.5	1	<0.2
1285027	Rock	0.020	<1	15	0.05	25	<0.001	<20	0.20	0.002	<0.01	<0.1	0.07	<0.1	<0.05	1.8	<0.5	<1	<0.2
1285028	Rock	0.032	<1	8	0.03	72	<0.001	<20	0.08	0.002	0.01	<0.1	0.04	<0.1	<0.05	1.8	<0.5	<1	<0.2
1285029	Rock	0.286	4	17	0.40	96	0.002	<20	0.17	0.003	0.07	<0.1	0.03	<0.1	<0.05	0.9	<0.5	<1	<0.2
1285030	Rock	0.092	2	12	<0.01	54	<0.001	<20	0.13	0.002	0.06	<0.1	0.04	<0.1	<0.05	0.3	0.6	<1	<0.2
1285031	Rock	0.008	2	4	0.75	211	<0.001	<20	0.06	0.002	0.02	<0.1	0.04	<0.1	<0.05	1.0	<0.5	<1	<0.2
1285032	Rock	0.282	5	<1	0.63	89	0.002	<20	0.20	0.002	0.10	<0.1	<0.01	<0.1	<0.05	1.3	1.1	<1	<0.2
1285033	Rock	0.004	2	14	0.01	53	<0.001	<20	0.11	<0.001	0.04	<0.1	0.30	<0.1	<0.05	0.4	1.2	<1	<0.2
1285034	Rock	0.028	34	4	0.02	53	<0.001	<20	0.49	<0.001	0.17	<0.1	4.54	0.8	<0.05	0.4	2.9	2	<0.2
1285035	Rock	0.112	6	57	0.11	2487	0.005	<20	1.45	<0.001	0.14	0.4	22.55	1.2	0.11	3.7	27.2	2	<0.2
1285036	Rock	0.038	26	5	0.15	203	0.023	<20	0.83	0.047	0.33	0.2	0.15	0.4	0.16	1.1	1.3	3	<0.2
1285037	Rock	0.006	<1	26	<0.01	1224	<0.001	<20	0.16	0.002	0.05	<0.1	0.32	<0.1	<0.05	0.2	0.8	<1	<0.2
1285038	Rock	0.013	<1	5	<0.01	2413	<0.001	<20	0.31	<0.001	<0.01	<0.1	0.06	<0.1	0.06	0.8	0.8	<1	<0.2
1285039	Rock	0.006	<1	24	<0.01	1048	<0.001	<20	0.10	0.003	0.04	<0.1	0.43	<0.1	<0.05	0.1	1.3	<1	<0.2
1285040	Rock	0.292	<1	8	<0.01	1028	0.002	22	0.32	0.001	0.07	<0.1	1.80	<0.1	0.11	1.2	6.9	1	<0.2
1285041	Rock	0.002	<1	19	0.02	567	<0.001	<20	0.23	0.002	0.07	<0.1	0.13	0.1	0.12	0.2	1.1	<1	<0.2
1285272	Rock	0.009	2	4	<0.01	1335	<0.001	22	0.38	0.003	0.19	<0.1	1.89	0.2	0.07	0.6	0.9	1	<0.2
1285273	Rock	0.006	2	7	<0.01	336	<0.001	<20	0.36	0.002	0.20	<0.1	1.53	0.2	0.35	0.6	1.9	<1	<0.2
1285274	Rock	0.019	2	11	<0.01	1217	<0.001	<20	0.36	0.001	0.17	<0.1	2.83	0.3	0.22	0.7	1.8	1	<0.2
1285275	Rock	0.010	2	5	<0.01	740	<0.001	<20	0.32	0.002	0.20	<0.1	2.00	0.3	0.11	0.6	2.5	1	<0.2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: November 21, 2011

CERTIFICATE OF ANALYSIS WHI11001691.1

	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
1285276	Rock	1.68	29	1.0	3.6	43.4	2	0.3	0.5	<0.1	26	0.53	57.9	34.0	1.8	11	<0.1	0.7	1.1	8	<0.01
1285277	Rock	1.78	4	1.2	1.9	44.7	5	0.1	0.4	<0.1	24	0.47	11.0	5.7	1.8	12	<0.1	0.7	0.8	5	<0.01
1285278	Rock	1.51	17	3.6	2.1	32.0	2	0.2	0.6	<0.1	22	0.49	17.2	19.1	1.3	11	<0.1	1.4	0.7	9	<0.01
1104480	Rock	0.68	2850	1.2	2.9	78.5	2	5.8	3.2	12.4	52	3.65	>10000	2721	0.6	<1	<0.1	17.8	203.0	<2	0.03
1104481	Rock	1.02	<2	0.3	12.6	31.4	41	0.5	5.8	7.2	338	2.92	9959	5.0	15.6	36	<0.1	2.5	1.7	24	0.53
1104482	Rock	1.08	2	0.3	23.2	9.4	38	<0.1	5.3	7.8	324	2.74	53.8	2.6	13.9	62	<0.1	0.2	0.8	32	1.00
1104483	Rock	1.00	<2	0.2	13.1	8.7	43	0.1	5.8	7.5	389	2.90	313.6	1.7	13.7	69	<0.1	0.4	0.6	50	0.98
1104484	Rock	0.88	<2	0.4	9.2	7.2	41	<0.1	5.4	5.8	334	2.57	20.0	<0.5	14.8	43	<0.1	0.2	0.4	30	0.70
1104485	Rock	1.47	6	3.1	132.6	9.1	26	0.2	48.3	7.4	197	3.48	3666	5.5	5.8	8	<0.1	1.8	2.0	73	0.42
1104486	Rock	1.09	12	2.5	98.9	26.5	31	0.7	54.1	14.3	216	3.18	6658	12.4	7.8	10	0.2	2.5	2.8	103	0.34
1104487	Rock	1.37	229	1.2	36.9	7.5	11	1.2	24.9	17.1	111	4.47	>10000	171.4	8.2	13	<0.1	22.4	11.0	18	0.32
1104488	Rock	0.89	<2	0.3	8.4	8.8	16	<0.1	1.9	0.7	143	1.10	1014	3.0	12.8	12	<0.1	0.4	0.6	6	0.13
1104325	Rock	1.98	<2	0.4	92.7	16.5	41	0.2	8.9	6.6	205	2.43	43.3	1.9	15.8	57	0.2	0.3	0.3	12	1.19
1104326	Rock	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
1285283	Rock	2.11	<2	1.1	78.7	5.4	17	0.2	31.5	3.0	146	2.16	35.1	3.5	2.4	113	<0.1	0.3	0.4	36	0.70
1285284	Rock	1.39	734	2.0	23.3	22.0	7	0.6	38.4	17.9	120	6.78	>10000	487.6	4.8	7	<0.1	35.4	18.2	31	0.32
1285285	Rock	1.56	17	0.7	21.0	16.2	43	0.1	13.9	4.4	193	1.90	2873	28.2	12.3	20	0.4	1.3	0.8	24	0.30
1285286	Rock	1.23	6	2.3	68.3	18.1	78	0.3	42.2	9.0	294	3.34	78.7	5.1	6.4	38	0.3	0.4	0.3	118	0.71
1285287	Rock	1.61	58	0.2	4.6	202.4	22	3.2	4.7	2.7	172	1.30	3752	62.6	4.8	17	0.5	2.1	9.4	9	0.25
1285288	Rock	2.48	2	0.3	18.7	16.0	105	0.2	24.6	4.7	174	1.43	328.5	6.3	12.2	20	0.4	0.5	0.3	7	0.47
1285289	Rock	1.87	<2	0.2	21.5	14.2	47	0.2	7.8	3.7	118	1.67	147.6	1.9	9.4	12	0.2	0.3	0.2	4	0.31
1285290	Rock	2.20	25	0.2	15.5	11.7	64	0.1	14.3	5.7	143	1.26	1598	8.6	10.4	18	0.3	0.8	0.2	6	0.50
1104324	Rock	1.89	22	1.0	22.3	20.2	87	0.4	18.5	6.9	175	1.63	610.6	6.6	2.8	15	0.6	0.8	0.4	9	0.24

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: November 21, 2011

CERTIFICATE OF ANALYSIS WHI11001691.1

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
1285276	Rock	0.012	2	4	<0.01	742	<0.001	<20	0.31	0.002	0.19	<0.1	1.52	0.2	0.07	0.4	1.2	<1	<0.2
1285277	Rock	0.013	3	8	<0.01	1304	<0.001	<20	0.32	0.001	0.24	<0.1	1.34	0.3	0.10	0.3	0.7	<1	<0.2
1285278	Rock	0.022	3	<1	<0.01	523	<0.001	<20	0.27	0.001	0.18	<0.1	1.13	0.3	0.09	0.5	2.9	2	<0.2
1104480	Rock	0.002	<1	10	<0.01	18	0.001	<20	0.04	0.004	0.02	>100	<0.01	<0.1	1.48	<0.1	1.6	<1	4.4
1104481	Rock	0.049	23	17	0.84	129	0.139	<20	1.89	0.116	0.56	0.6	<0.01	0.3	0.49	4.5	0.8	7	<0.2
1104482	Rock	0.045	20	26	0.86	205	0.233	<20	2.71	0.204	0.96	0.8	<0.01	0.5	0.47	7.3	<0.5	9	<0.2
1104483	Rock	0.053	28	28	1.01	217	0.267	<20	2.82	0.276	1.01	0.2	<0.01	0.4	0.48	7.5	<0.5	9	<0.2
1104484	Rock	0.047	20	24	0.82	139	0.199	<20	2.09	0.170	0.65	0.2	<0.01	0.3	0.36	6.1	<0.5	8	<0.2
1104485	Rock	0.036	5	40	0.52	171	0.075	<20	1.31	0.058	0.56	0.5	<0.01	0.4	1.47	2.3	1.8	4	<0.2
1104486	Rock	0.054	8	54	0.67	223	0.101	<20	1.48	0.064	0.75	2.5	<0.01	0.5	0.78	3.1	1.6	6	<0.2
1104487	Rock	0.038	9	14	0.21	45	0.025	28	0.83	0.101	0.24	8.4	<0.01	0.2	2.18	1.1	8.0	3	1.0
1104488	Rock	0.016	10	12	0.19	43	0.062	<20	0.65	0.061	0.32	12.0	<0.01	0.1	0.07	1.4	<0.5	3	<0.2
1104325	Rock	0.038	25	11	0.41	105	0.058	<20	1.61	0.211	0.41	<0.1	<0.01	0.2	0.84	3.5	1.2	6	<0.2
1104326	Rock	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
1285283	Rock	0.023	3	35	0.27	160	0.043	<20	1.25	0.010	0.20	0.4	<0.01	0.1	0.61	1.3	1.3	4	<0.2
1285284	Rock	0.035	5	19	0.24	166	0.025	20	0.68	0.016	0.34	10.3	<0.01	0.2	3.31	1.4	13.5	2	1.0
1285285	Rock	0.040	13	25	0.45	109	0.070	<20	1.31	0.086	0.52	0.2	<0.01	0.3	0.18	2.3	<0.5	5	<0.2
1285286	Rock	0.054	8	63	0.80	472	0.108	<20	2.25	0.022	0.73	0.2	<0.01	0.5	0.65	3.8	2.4	7	<0.2
1285287	Rock	0.012	7	32	0.28	57	0.048	<20	0.80	0.079	0.30	39.5	<0.01	0.2	0.14	1.8	<0.5	3	<0.2
1285288	Rock	0.038	13	8	0.30	66	0.031	<20	0.98	0.077	0.41	<0.1	<0.01	0.3	0.20	1.1	<0.5	3	<0.2
1285289	Rock	0.034	15	13	0.19	57	0.010	23	0.65	0.042	0.29	0.1	<0.01	0.1	0.22	0.7	1.3	2	<0.2
1285290	Rock	0.038	16	6	0.18	66	0.006	<20	0.66	0.027	0.27	<0.1	<0.01	<0.1	0.24	0.7	<0.5	2	<0.2
1104324	Rock	0.030	9	20	0.11	172	0.001	<20	0.27	0.003	0.14	<0.1	<0.01	<0.1	0.35	0.8	<0.5	<1	<0.2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: November 21, 2011

QUALITY CONTROL REPORT WHI11001691.1

	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																					
1285153	Rock	7.53	<2	7.1	4.2	11.8	2	0.1	2.6	<0.1	5	0.28	3.4	<0.5	1.1	7	<0.1	1.4	0.1	28	<0.01
REP 1285153	QC		<2																		
REP 1285214	QC		36																		
1285223	Rock	8.13	<2	7.1	33.0	12.8	10	1.0	2.7	0.1	15	0.75	42.4	1.2	1.2	99	0.3	21.2	<0.1	200	0.02
REP 1285223	QC			7.5	40.0	11.5	15	1.0	3.7	0.1	22	0.92	50.1	3.0	1.1	95	0.5	8.8	<0.1	254	0.04
1104435	Rock	0.89	<2	0.2	2.7	0.5	3	<0.1	2.3	0.6	63	0.65	4.7	1.2	0.1	1	<0.1	0.3	<0.1	<2	0.03
REP 1104435	QC		<2																		
1285260	Rock	1.74	6	0.5	19.5	3.6	48	0.4	14.9	3.2	99	1.29	3.1	<0.5	1.4	292	0.5	0.2	<0.1	19	10.28
REP 1285260	QC			0.4	18.9	4.1	48	0.4	15.0	3.0	95	1.30	3.4	<0.5	1.4	291	0.5	0.2	<0.1	19	10.27
1285033	Rock	0.77	<2	17.2	10.3	1.7	88	<0.1	23.0	1.5	64	0.77	8.6	<0.5	0.7	<1	0.2	2.5	<0.1	76	0.03
REP 1285033	QC		<2																		
1285274	Rock	1.44	44	3.6	6.7	43.4	2	0.2	1.6	0.1	21	0.70	52.5	47.8	1.6	11	<0.1	1.2	0.7	24	<0.01
REP 1285274	QC			3.7	6.6	44.5	3	0.2	0.6	<0.1	20	0.70	52.7	45.3	1.6	12	<0.1	1.1	0.7	24	0.01
Core Reject Duplicates																					
1285214	Rock	6.97	31	46.7	71.5	9.7	89	0.7	18.9	1.3	40	1.70	153.9	5.1	1.2	47	1.4	50.8	<0.1	193	0.06
DUP 1285214	QC		30	49.0	74.4	10.8	92	0.8	19.8	1.4	40	1.75	158.7	4.7	1.2	49	1.6	51.7	<0.1	217	0.06
1285280	Rock	1.09	11	13.3	30.7	10.6	24	2.1	19.7	0.6	25	1.78	37.5	0.6	2.8	13	0.2	11.7	0.1	427	0.05
DUP 1285280	QC		12	13.0	30.1	10.5	23	2.2	19.2	0.6	23	1.68	35.3	<0.5	2.7	11	<0.1	11.2	0.2	448	0.04
1285277	Rock	1.78	4	1.2	1.9	44.7	5	0.1	0.4	<0.1	24	0.47	11.0	5.7	1.8	12	<0.1	0.7	0.8	5	<0.01
DUP 1285277	QC		4	1.2	1.9	45.1	3	0.2	0.5	<0.1	26	0.49	11.9	6.8	1.9	12	<0.1	0.6	0.8	5	<0.01
Reference Materials																					
STD DS8	Standard			13.4	107.9	119.5	308	1.9	37.1	7.4	583	2.45	24.8	96.9	6.5	65	2.1	5.4	6.3	41	0.70
STD DS8	Standard			12.4	107.6	119.2	286	1.7	37.8	7.4	550	2.36	23.4	106.2	6.2	65	2.1	3.0	5.7	39	0.68
STD DS8	Standard			12.2	108.5	121.2	309	1.7	37.2	7.5	598	2.47	25.6	112.0	6.4	68	2.0	4.6	6.4	42	0.70
STD DS8	Standard			12.8	108.2	117.2	297	1.6	36.9	7.6	601	2.49	24.7	92.0	6.3	71	2.3	2.5	6.5	41	0.71
STD DS8	Standard			13.5	106.3	128.9	319	1.8	38.3	7.7	621	2.46	25.4	117.2	7.1	74	2.2	5.3	7.5	41	0.73
STD DS8	Standard			12.4	100.1	119.2	283	1.6	32.9	6.6	546	2.28	23.3	105.7	6.5	65	2.3	4.9	6.2	33	0.64
STD OREAS45CA	Standard			1.1	486.8	20.1	59	0.3	238.4	88.4	838	15.06	4.0	35.6	7.0	15	<0.1	0.2	0.2	209	0.41

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: November 21, 2011

QUALITY CONTROL REPORT WHI11001691.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga	Te
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	0.1	0.5	1	0.2
Pulp Duplicates																			
1285153	Rock	0.004	1	4	<0.01	193	<0.001	<20	0.32	0.005	0.11	<0.1	0.14	0.3	0.08	0.6	0.8	1	<0.2
REP 1285153	QC																		
REP 1285214	QC																		
1285223	Rock	0.061	7	13	0.01	477	<0.001	<20	0.26	<0.001	0.09	0.4	2.19	2.2	<0.05	0.8	4.6	1	0.2
REP 1285223	QC	0.083	7	15	0.02	385	<0.001	<20	0.32	<0.001	0.11	0.3	1.95	2.6	<0.05	1.0	7.0	1	0.2
1104435	Rock	0.003	<1	11	<0.01	1765	<0.001	<20	0.05	0.001	0.02	<0.1	0.01	<0.1	<0.05	0.2	<0.5	<1	<0.2
REP 1104435	QC																		
1285260	Rock	0.036	5	19	0.20	1032	<0.001	<20	0.46	0.011	0.10	<0.1	0.08	<0.1	0.21	2.1	1.1	1	<0.2
REP 1285260	QC	0.039	5	18	0.18	1005	<0.001	<20	0.49	0.012	0.10	<0.1	0.07	<0.1	0.21	2.0	0.7	1	<0.2
1285033	Rock	0.004	2	14	0.01	53	<0.001	<20	0.11	<0.001	0.04	<0.1	0.30	<0.1	<0.05	0.4	1.2	<1	<0.2
REP 1285033	QC																		
1285274	Rock	0.019	2	11	<0.01	1217	<0.001	<20	0.36	0.001	0.17	<0.1	2.83	0.3	0.22	0.7	1.8	1	<0.2
REP 1285274	QC	0.019	2	8	<0.01	1003	<0.001	<20	0.36	0.002	0.16	<0.1	2.89	0.2	0.21	0.7	1.4	1	<0.2
Core Reject Duplicates																			
1285214	Rock	0.044	5	9	0.02	786	0.001	<20	0.27	0.001	0.08	0.4	5.87	1.7	<0.05	0.8	9.2	1	0.2
DUP 1285214	QC	0.045	6	10	0.02	859	0.001	<20	0.30	0.001	0.08	0.5	6.49	1.9	0.05	0.9	9.1	1	0.2
1285280	Rock	0.114	4	50	0.02	4045	0.002	<20	1.51	<0.001	0.09	<0.1	0.62	0.7	0.06	3.2	18.3	5	<0.2
DUP 1285280	QC	0.110	4	47	0.01	4680	0.002	21	1.48	<0.001	0.10	<0.1	0.58	0.9	0.07	3.0	17.7	5	<0.2
1285277	Rock	0.013	3	8	<0.01	1304	<0.001	<20	0.32	0.001	0.24	<0.1	1.34	0.3	0.10	0.3	0.7	<1	<0.2
DUP 1285277	QC	0.013	3	7	<0.01	1312	<0.001	24	0.32	0.003	0.24	<0.1	1.30	0.3	0.10	0.3	0.9	<1	<0.2
Reference Materials																			
STD DS8	Standard	0.068	14	115	0.61	311	0.121	<20	0.92	0.086	0.41	2.2	0.18	4.9	0.16	2.1	4.8	5	4.1
STD DS8	Standard	0.071	14	113	0.58	269	0.110	<20	0.92	0.090	0.40	1.8	0.22	4.9	0.15	1.8	5.0	4	4.0
STD DS8	Standard	0.081	13	116	0.61	294	0.123	<20	0.90	0.084	0.41	2.6	0.21	5.1	0.17	2.1	4.5	4	4.1
STD DS8	Standard	0.071	15	116	0.62	267	0.117	<20	0.99	0.104	0.43	2.1	0.16	5.0	0.15	2.1	4.6	5	4.8
STD DS8	Standard	0.084	16	108	0.62	291	0.142	<20	1.03	0.119	0.45	2.8	0.18	5.7	0.16	2.0	3.7	5	5.2
STD DS8	Standard	0.068	13	105	0.56	267	0.118	<20	0.86	0.087	0.39	2.2	0.20	5.1	0.14	2.0	4.5	4	4.2
STD OREAS45CA	Standard	0.033	16	632	0.15	155	0.136	<20	3.77	0.006	0.07	<0.1	0.03	<0.1	<0.05	35.9	0.9	16	<0.2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: November 21, 2011

QUALITY CONTROL REPORT WHI11001691.1

		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
STD OREAS45CA	Standard			0.6	522.1	20.3	60	0.2	246.2	92.9	900	15.62	4.1	40.5	7.1	17	<0.1	<0.1	0.2	214	0.41
STD OREAS45CA	Standard			0.9	502.4	19.2	64	0.3	249.3	91.2	938	16.01	3.9	41.8	6.8	16	<0.1	<0.1	0.2	212	0.44
STD OREAS45CA	Standard			1.0	532.5	20.2	62	0.3	262.2	94.8	967	16.80	3.7	38.7	7.2	18	<0.1	0.1	0.2	225	0.44
STD OREAS45CA	Standard			0.8	549.8	21.2	61	0.3	273.8	89.1	898	15.37	3.1	46.0	7.2	18	<0.1	<0.1	0.2	212	0.43
STD OREAS45CA	Standard			0.8	465.2	22.0	57	0.3	230.1	84.7	884	15.32	4.0	63.3	7.3	16	0.1	<0.1	0.2	166	0.40
STD OXC88	Standard		197																		
STD OXC88	Standard		198																		
STD OXC88	Standard		196																		
STD OXC88	Standard		215																		
STD OXC88	Standard		195																		
STD OXC88	Standard		189																		
STD OXH82	Standard		1311																		
STD OXH82	Standard		1287																		
STD OXH82	Standard		1270																		
STD OXH82	Standard		1226																		
STD OXH82	Standard		1261																		
STD OXH82	Standard		1288																		
STD OXH82	Standard		1247																		
STD OXH82	Standard		1299																		
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
BLK	Blank		<2																		
BLK	Blank		<2																		

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: November 21, 2011

QUALITY CONTROL REPORT WHI11001691.1

		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
STD OREAS45CA	Standard	0.036	15	688	0.16	155	0.113	<20	3.79	0.007	0.08	<0.1	0.03	<0.1	<0.05	34.3	1.0	17	<0.2
STD OREAS45CA	Standard	0.038	16	642	0.17	160	0.148	<20	3.63	0.008	0.07	<0.1	0.03	<0.1	<0.05	36.6	<0.5	18	<0.2
STD OREAS45CA	Standard	0.039	16	679	0.18	155	0.149	<20	4.11	0.006	0.08	<0.1	0.05	<0.1	<0.05	41.5	0.8	19	<0.2
STD OREAS45CA	Standard	0.038	17	569	0.19	167	0.154	<20	3.94	0.011	0.08	<0.1	0.03	0.1	<0.05	38.4	1.1	19	<0.2
STD OREAS45CA	Standard	0.033	17	566	0.15	159	0.118	<20	3.49	0.007	0.06	<0.1	0.03	0.1	<0.05	36.9	0.7	18	<0.2
STD OXC88	Standard																		
STD OXC88	Standard																		
STD OXC88	Standard																		
STD OXC88	Standard																		
STD OXC88	Standard																		
STD OXC88	Standard																		
STD OXH82	Standard																		
STD OXH82	Standard																		
STD OXH82	Standard																		
STD OXH82	Standard																		
STD OXH82	Standard																		
STD OXH82	Standard																		
STD OXH82	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
BLK	Blank																		
BLK	Blank																		

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: November 21, 2011

QUALITY CONTROL REPORT WHI11001691.1

		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
BLK	Blank		<2																		
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		<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		<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		<2																		
BLK	Blank		<2																		
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	<0.01	<2	<0.1	2.5	2.9	46	<0.1	2.2	3.8	595	2.07	<0.5	<0.5	5.9	72	<0.1	<0.1	<0.1	37	0.49
G1	Prep Blank	<0.01	<2	0.1	2.2	3.3	44	<0.1	2.3	3.7	580	2.09	<0.5	2.6	6.2	69	<0.1	<0.1	<0.1	37	0.56

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: November 21, 2011

QUALITY CONTROL REPORT WHI11001691.1

		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
BLK	Blank																		
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																		
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																		
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																		
BLK	Blank																		
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	0.076	15	<1	0.52	164	0.154	<20	1.04	0.123	0.52	<0.1	<0.01	0.3	<0.05	1.8	<0.5	5	<0.2
G1	Prep Blank	0.071	15	5	0.52	157	0.152	<20	1.03	0.128	0.51	<0.1	<0.01	0.3	<0.05	1.7	<0.5	5	<0.2

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

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

www.acmelab.com

Client: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Submitted By: Email Distribution List
Receiving Lab: Canada-Whitehorse
Received: September 19, 2011
Report Date: November 17, 2011
Page: 1 of 6

CERTIFICATE OF ANALYSIS WHI11001732.1

CLIENT JOB INFORMATION

Project: Oro Property
Shipment ID: #28
P.O. Number
Number of Samples: 143

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
R200-500	143	Crush, split and pulverize 500 g rock to 200 mesh			VAN
3B	143	Fire assay fusion Au by ICP-ES	30	Completed	VAN
1DX	143	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Colorado Resources Ltd.
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6
Canada

CC: Dugald Dunlop

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: November 17, 2011

CERTIFICATE OF ANALYSIS WHI11001732.1

	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
1279315	Rock	1.49	<2	0.5	4.4	5.2	3	0.3	3.4	0.7	51	0.75	5.4	<0.5	0.2	17	<0.1	0.7	<0.1	8	<0.01
1285443	Rock	0.95	<2	0.3	3.7	7.3	64	<0.1	14.0	22.5	590	1.77	1.4	<0.5	0.5	6	<0.1	0.2	<0.1	9	0.02
1285444	Rock	1.05	<2	<0.1	0.5	67.1	117	<0.1	75.6	11.0	1241	0.40	1.6	2.4	2.2	11	0.5	<0.1	2.6	<2	0.03
1285445	Rock	1.02	<2	0.8	21.4	5.8	90	<0.1	27.6	5.3	117	3.61	7.3	<0.5	2.5	8	<0.1	0.4	0.1	20	<0.01
1285446	Rock	0.94	<2	<0.1	0.3	62.1	55	<0.1	6.7	1.8	235	0.41	<0.5	<0.5	2.5	127	0.2	<0.1	3.8	<2	0.48
1285447	Rock	0.81	<2	0.2	5.4	3.8	53	<0.1	16.7	4.7	187	2.01	3.0	<0.5	1.1	27	<0.1	<0.1	<0.1	15	0.07
1285451	Rock	1.55	<2	0.9	18.4	3.1	149	<0.1	49.0	15.1	714	4.69	5.2	<0.5	1.0	6	0.5	0.2	<0.1	21	0.02
1285452	Rock	1.36	16	2.5	11.6	46.6	42	0.2	4.3	0.8	49	0.68	35.9	<0.5	1.1	25	0.3	0.3	6.2	10	0.09
1285453	Rock	1.15	11	0.2	12.6	81.4	22	0.1	2.4	0.4	30	0.70	68.4	10.3	1.0	25	<0.1	0.8	1.7	<2	0.03
1285454	Rock	1.83	<2	0.1	4.5	48.4	86	0.1	15.5	2.6	161	0.66	83.8	<0.5	1.3	21	0.5	0.2	2.6	<2	0.15
1285455	Rock	1.90	40	0.4	3.9	78.1	46	0.3	8.6	1.7	754	0.56	124.3	39.2	1.2	10	0.6	2.1	0.7	<2	0.02
1285456	Rock	1.22	12	0.8	18.7	3.4	361	<0.1	40.1	7.9	524	4.67	9.3	2.5	0.4	5	0.5	0.5	<0.1	20	0.02
1285457	Rock	1.17	<2	10.5	30.9	47.5	438	0.5	54.0	4.8	233	4.25	12.9	0.6	2.0	42	1.6	1.6	0.7	26	0.08
1285458	Rock	1.26	4	0.1	1.2	55.3	29	<0.1	2.7	0.4	81	0.34	174.5	6.8	2.2	25	0.3	0.2	0.8	<2	0.15
1285459	Rock	2.32	<2	1.3	18.6	1.8	108	<0.1	49.7	10.6	1574	7.42	4.2	0.5	0.9	46	0.5	0.3	<0.1	16	0.96
1285460	Rock	1.26	<2	1.0	20.4	3.4	156	<0.1	76.7	17.0	1496	9.87	12.8	<0.5	1.7	45	1.1	0.2	<0.1	25	0.48
1285461	Rock	1.46	<2	2.0	55.4	13.4	111	0.5	57.4	8.3	238	2.91	13.0	<0.5	0.4	11	0.5	1.7	<0.1	45	0.01
1285431	Rock	5.41	<2	9.4	94.7	17.1	150	0.2	519.5	78.4	1136	4.87	37.4	<0.5	18.8	765	1.1	0.6	<0.1	179	15.78
1285433	Rock	5.35	3	8.6	72.1	18.6	255	0.4	461.6	66.0	1298	6.71	61.8	<0.5	16.3	714	2.1	3.3	<0.1	120	16.67
1285425	Rock	5.21	3	4.7	60.3	5.4	53	<0.1	445.5	58.1	1359	6.60	103.4	<0.5	12.3	532	0.2	1.1	<0.1	114	13.03
1279306	Rock	1.57	<2	0.4	5.8	1.2	25	<0.1	16.9	2.5	81	1.19	151.1	<0.5	0.7	10	0.1	0.4	<0.1	6	0.25
1279307	Rock	1.32	36	0.3	10.1	1.8	62	<0.1	14.9	2.6	97	1.43	349.0	31.4	0.6	7	0.2	1.2	<0.1	5	0.03
1279308	Rock	1.58	35	0.3	7.7	1.4	14	<0.1	5.4	0.8	50	0.93	139.6	28.5	0.5	8	0.1	0.9	<0.1	3	0.06
1279309	Rock	1.71	2	0.2	1.3	1.0	3	<0.1	1.7	0.3	52	0.52	16.8	1.1	0.4	6	<0.1	<0.1	<0.1	<2	0.01
1279311	Rock	1.69	4	0.4	6.9	1.6	45	<0.1	17.6	3.7	102	1.54	178.7	1.5	1.0	3	0.3	0.7	<0.1	5	0.03
1279312	Rock	2.07	2	0.4	1.1	1.6	4	<0.1	3.2	0.6	51	0.61	6.4	<0.5	<0.1	3	<0.1	<0.1	<0.1	<2	<0.01
1279314	Rock	1.70	5	0.2	175.2	30.2	83	0.3	9.8	7.0	259	3.64	5.5	3.2	15.6	12	0.7	0.3	0.3	<2	1.31
1104436	Rock	1.08	2	0.7	28.9	2.2	23	<0.1	188.3	26.9	667	4.12	258.4	<0.5	4.7	481	<0.1	0.9	<0.1	57	5.10
1104437	Rock	0.62	<2	13.1	30.5	2.7	111	0.3	37.2	1.2	235	0.43	11.3	<0.5	0.4	594	1.1	7.4	<0.1	250	19.70
1285436	Rock	1.17	35	65.1	8.7	85.8	4	1.0	1.9	0.3	62	4.05	182.6	2.0	7.0	48	<0.1	6.4	0.2	31	0.02

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: November 17, 2011

CERTIFICATE OF ANALYSIS WHI11001732.1

	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
1279315	Rock	0.008	<1	7	<0.01	89	<0.001	<20	0.07	0.002	0.06	<0.1	0.02	<0.1	<0.05	0.2	<0.5	<1	<0.2
1285443	Rock	0.017	<1	19	0.19	15	<0.001	<20	0.42	<0.001	0.02	<0.1	0.02	0.1	<0.05	1.0	<0.5	1	<0.2
1285444	Rock	0.009	2	<1	0.10	294	<0.001	<20	0.66	0.035	0.22	<0.1	0.18	0.1	<0.05	0.2	<0.5	1	<0.2
1285445	Rock	0.049	1	26	0.45	68	0.001	<20	1.35	<0.001	0.11	<0.1	0.04	<0.1	<0.05	3.3	<0.5	3	<0.2
1285446	Rock	0.008	2	<1	0.04	171	<0.001	<20	0.40	0.035	0.24	<0.1	0.05	0.1	<0.05	0.1	<0.5	<1	<0.2
1285447	Rock	0.035	<1	16	0.36	30	0.001	<20	0.81	0.001	0.05	<0.1	<0.01	<0.1	<0.05	0.8	<0.5	2	<0.2
1285451	Rock	0.030	1	17	0.08	135	<0.001	<20	0.35	0.002	0.04	<0.1	0.02	0.1	<0.05	3.6	0.7	<1	<0.2
1285452	Rock	0.008	3	2	0.02	1349	<0.001	<20	0.42	0.002	0.20	<0.1	0.27	0.1	0.10	0.5	0.8	<1	<0.2
1285453	Rock	0.010	1	2	0.01	1893	<0.001	<20	0.41	0.002	0.20	<0.1	0.49	<0.1	0.07	0.2	1.3	<1	<0.2
1285454	Rock	0.010	1	<1	0.02	385	<0.001	<20	0.42	0.002	0.24	<0.1	0.17	0.2	<0.05	0.3	<0.5	<1	<0.2
1285455	Rock	0.007	1	1	<0.01	577	<0.001	<20	0.40	0.003	0.25	0.1	0.95	0.2	<0.05	0.2	<0.5	<1	<0.2
1285456	Rock	0.020	<1	8	0.03	3934	<0.001	<20	0.20	0.002	0.03	<0.1	0.12	<0.1	0.11	2.4	<0.5	<1	<0.2
1285457	Rock	0.033	3	3	0.03	4109	<0.001	<20	0.46	0.007	0.18	0.4	0.58	0.3	0.12	1.8	2.8	<1	<0.2
1285458	Rock	0.009	2	1	0.04	140	<0.001	<20	0.47	0.007	0.22	<0.1	0.06	0.1	<0.05	0.2	<0.5	<1	<0.2
1285459	Rock	0.032	1	17	0.38	151	<0.001	<20	0.44	0.003	0.05	<0.1	0.02	0.2	<0.05	3.0	<0.5	1	<0.2
1285460	Rock	0.049	2	16	0.49	180	<0.001	<20	0.68	0.003	0.08	<0.1	0.03	<0.1	<0.05	4.5	<0.5	2	<0.2
1285461	Rock	0.039	<1	19	0.01	141	<0.001	<20	0.36	0.002	0.05	<0.1	0.04	<0.1	<0.05	2.5	1.6	<1	<0.2
1285431	Rock	0.594	84	194	1.36	3059	0.007	<20	0.97	0.005	0.30	<0.1	5.93	0.3	0.06	18.3	1.1	3	<0.2
1285433	Rock	0.506	69	160	0.96	2255	0.008	<20	0.92	0.004	0.28	<0.1	9.12	0.6	0.11	18.2	3.0	3	<0.2
1285425	Rock	0.416	77	148	4.16	2073	0.006	<20	0.70	0.006	0.22	<0.1	0.47	0.1	0.05	15.1	<0.5	2	<0.2
1279306	Rock	0.022	3	31	0.11	72	<0.001	<20	0.26	<0.001	0.01	<0.1	0.42	<0.1	<0.05	0.6	<0.5	<1	<0.2
1279307	Rock	0.048	1	10	0.02	56	<0.001	<20	0.17	0.001	0.03	<0.1	0.12	<0.1	<0.05	1.0	<0.5	<1	<0.2
1279308	Rock	0.013	<1	18	<0.01	44	<0.001	<20	0.09	0.002	0.03	<0.1	0.09	<0.1	<0.05	0.5	<0.5	<1	<0.2
1279309	Rock	0.004	1	7	<0.01	48	<0.001	<20	0.07	0.001	0.03	<0.1	0.05	<0.1	<0.05	0.1	<0.5	<1	<0.2
1279311	Rock	0.013	2	29	0.09	28	<0.001	<20	0.32	<0.001	0.01	<0.1	0.11	<0.1	<0.05	0.7	0.6	<1	<0.2
1279312	Rock	0.002	<1	6	<0.01	23	<0.001	<20	0.03	<0.001	<0.01	<0.1	0.02	<0.1	<0.05	<0.1	<0.5	<1	<0.2
1279314	Rock	0.067	26	2	0.33	78	0.063	<20	2.22	0.015	0.29	2.6	0.08	0.2	0.39	0.7	4.9	4	<0.2
1104436	Rock	0.236	19	110	3.52	335	0.002	<20	0.54	0.002	0.08	<0.1	0.28	<0.1	0.57	7.5	<0.5	2	<0.2
1104437	Rock	0.020	3	12	0.50	219	0.001	<20	0.08	<0.001	0.03	<0.1	0.15	0.3	<0.05	0.9	1.0	<1	<0.2
1285436	Rock	0.087	3	15	0.01	204	0.001	<20	0.18	0.001	0.51	<0.1	2.24	1.2	0.82	0.8	38.1	1	0.3

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: November 17, 2011

CERTIFICATE OF ANALYSIS WHI11001732.1

	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
1285437	Rock	0.96	76	112.4	19.6	27.0	15	1.4	2.0	0.1	25	3.17	482.3	11.7	13.7	102	0.5	9.6	0.6	373	0.03
1285438	Rock	0.95	4	2.9	82.6	13.1	1522	0.1	649.0	259.8	7217	11.26	24.7	<0.5	3.7	12	6.2	0.2	0.4	30	0.04
1285439	Rock	1.03	<2	0.5	8.7	1.8	64	<0.1	17.5	2.7	1771	7.15	3.0	<0.5	0.2	207	1.5	0.2	<0.1	17	8.26
1285440	Rock	1.13	<2	0.5	16.0	8.1	67	<0.1	19.3	2.6	226	4.01	49.4	2.7	4.5	10	0.5	2.9	0.2	55	0.06
1285441	Rock	0.96	20	0.5	29.2	38.1	92	0.4	5.6	3.7	137	2.12	493.9	25.0	13.0	112	1.3	2.5	0.2	<2	0.96
1285442	Rock	0.79	188	0.4	24.6	32.3	26	0.4	2.1	0.7	27	1.57	570.0	212.0	11.3	44	<0.1	4.7	0.2	<2	0.16
1285422	Rock	4.41	<2	4.9	80.2	9.5	37	0.2	498.8	61.6	1126	4.72	248.4	<0.5	20.4	497	0.2	2.0	<0.1	110	9.39
1285423	Rock	5.35	<2	5.3	73.9	8.8	35	0.1	538.1	70.2	1078	4.91	164.5	2.0	18.3	455	<0.1	1.6	<0.1	109	9.06
1285424	Rock	5.22	<2	3.8	59.1	6.3	36	<0.1	435.0	54.2	1247	5.44	85.8	1.9	14.0	515	0.1	1.3	<0.1	98	10.02
1285175	Rock	8.28	669	<0.1	5.8	53.3	18	9.8	<0.1	<0.1	<1	0.93	218.4	285.3	10.0	<1	0.1	13.6	0.4	3	0.10
1285176	Rock	6.32	301	1.4	17.4	35.8	91	9.0	15.4	5.4	65	2.15	195.1	12.6	6.8	13	0.3	9.1	0.5	15	0.02
1285428	Rock	6.30	<2	13.3	91.7	12.0	200	0.2	560.3	69.5	1380	6.22	13.2	2.1	20.7	387	1.5	0.8	<0.1	177	9.06
1285429	Rock	6.15	<2	18.6	79.1	12.4	241	0.2	467.1	57.2	1215	5.15	6.8	1.3	16.8	494	2.2	0.7	<0.1	195	9.85
1285430	Rock	4.73	<2	5.0	66.4	8.6	33	0.1	384.4	57.3	1252	5.46	5.0	1.6	17.5	472	0.2	0.4	<0.1	135	10.63
1285185	Rock	6.80	<2	1.7	42.7	17.6	236	<0.1	55.5	16.4	275	4.59	49.4	1.4	8.2	13	2.9	0.9	0.3	22	0.05
1285186	Rock	6.63	6	1.8	29.0	27.1	184	0.1	38.4	10.5	229	3.72	129.1	1.4	9.7	30	1.9	1.5	0.3	17	0.34
1285353	Rock	1.26	8	0.4	82.9	550.8	388	0.7	74.9	16.9	645	7.56	287.8	8.2	0.7	55	1.5	6.3	<0.1	12	0.08
1285354	Rock	1.23	4	0.4	102.8	11.9	161	0.2	17.8	5.1	56	15.23	180.0	2.8	2.1	55	<0.1	4.5	<0.1	229	0.01
1285355	Rock	1.02	7	0.5	20.2	3.6	196	0.1	41.8	6.2	82	1.84	34.4	11.6	0.4	3	0.2	0.7	<0.1	3	0.01
1285356	Rock	1.26	2	0.5	16.5	1.2	123	<0.1	24.2	2.4	53	0.99	17.3	5.7	0.5	10	0.2	0.7	<0.1	3	0.03
1285357	Rock	1.42	4	0.4	18.1	5.3	89	0.2	38.3	5.6	92	1.75	41.9	4.4	0.5	5	0.4	1.5	<0.1	3	0.03
1285358	Rock	1.57	4	0.7	55.9	4.3	250	0.4	49.5	5.6	83	2.91	13.6	4.0	0.6	6	0.2	0.7	<0.1	18	0.01
1285359	Rock	1.43	<2	0.5	13.2	1.2	68	<0.1	26.4	4.8	196	1.78	13.1	3.1	0.3	6	0.5	0.7	<0.1	5	0.34
1285360	Rock	2.12	4	7.6	791.3	17.9	1645	1.6	384.4	39.6	457	23.32	154.4	4.0	3.5	23	2.6	5.4	<0.1	68	0.04
1285361	Rock	2.55	2	0.7	34.8	2.6	56	0.3	19.2	1.9	84	1.29	31.4	2.3	0.5	30	0.9	1.6	<0.1	8	0.13
1285362	Rock	2.19	24	0.3	4.3	14.0	47	0.1	17.4	10.2	192	2.38	>10000	26.9	15.7	29	0.2	5.7	1.4	23	0.46
1285363	Rock	1.57	607	1.1	4.8	256.4	8	9.0	12.7	30.8	45	20.49	>10000	787.0	2.4	1	0.2	145.6	149.5	<2	<0.01
1285364	Rock	2.13	11	0.2	52.1	4322	1505	12.2	23.7	5.0	289	4.22	520.9	6.1	10.6	25	11.6	3.7	6.1	7	0.56
1285365	Rock	1.51	5	0.1	26.2	4832	306	25.7	4.4	1.2	56	4.25	2091	10.8	10.3	18	0.6	12.9	13.8	9	0.04
1285366	Rock	1.67	10	0.2	12.4	716.2	151	7.0	8.1	2.8	70	2.72	6177	15.7	13.2	17	1.0	3.2	6.2	9	0.10

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: November 17, 2011

CERTIFICATE OF ANALYSIS WHI11001732.1

	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
1285437	Rock	0.158	29	29	0.01	278	0.001	<20	0.51	<0.001	0.28	0.2	6.07	5.5	0.36	2.8	55.6	6	0.2
1285438	Rock	0.076	6	13	0.10	260	<0.001	<20	0.96	0.004	0.14	<0.1	0.16	0.7	<0.05	13.3	1.5	2	<0.2
1285439	Rock	0.006	<1	4	2.12	87	<0.001	<20	0.13	0.003	<0.01	<0.1	0.05	<0.1	<0.05	3.1	<0.5	<1	<0.2
1285440	Rock	0.043	12	33	1.02	98	0.017	<20	1.86	<0.001	0.24	<0.1	0.12	0.4	0.13	4.2	0.9	5	<0.2
1285441	Rock	0.046	19	2	0.15	119	0.001	<20	0.62	0.018	0.27	0.1	2.26	0.3	1.02	0.8	3.7	2	<0.2
1285442	Rock	0.023	23	3	0.02	146	<0.001	<20	0.47	0.004	0.29	0.2	10.87	0.3	0.41	0.3	8.5	<1	0.2
1285422	Rock	0.575	81	170	2.76	2776	0.005	<20	0.89	0.006	0.30	<0.1	2.36	0.2	0.13	19.8	0.5	2	<0.2
1285423	Rock	0.535	74	162	2.85	2306	0.005	<20	0.85	0.006	0.29	<0.1	1.45	0.2	0.15	19.1	1.2	2	<0.2
1285424	Rock	0.416	76	137	3.63	2371	0.007	<20	0.73	0.006	0.24	<0.1	0.62	0.2	0.10	15.0	0.6	2	<0.2
1285175	Rock	0.024	28	<1	<0.01	54	<0.001	<20	0.44	0.039	0.28	<0.1	64.80	0.9	0.12	0.5	20.5	<1	<0.2
1285176	Rock	0.025	28	6	0.02	94	<0.001	<20	0.45	0.001	0.21	<0.1	8.02	0.4	0.07	1.6	4.0	1	<0.2
1285428	Rock	0.561	82	175	1.69	2624	0.006	<20	1.04	0.005	0.34	<0.1	3.87	0.3	0.14	19.2	1.7	3	<0.2
1285429	Rock	0.499	71	137	1.74	3177	0.005	<20	0.89	0.006	0.29	<0.1	4.24	0.3	0.10	16.4	2.2	2	<0.2
1285430	Rock	0.455	75	164	3.09	3410	0.005	<20	0.81	0.007	0.26	<0.1	0.81	0.2	0.10	17.0	1.1	2	<0.2
1285185	Rock	0.049	31	11	0.08	136	<0.001	<20	0.74	0.004	0.21	<0.1	1.94	0.3	0.06	6.3	0.8	2	<0.2
1285186	Rock	0.050	29	8	0.15	142	<0.001	<20	0.66	0.004	0.24	<0.1	2.41	0.2	0.09	4.6	1.9	1	<0.2
1285353	Rock	0.161	2	10	0.04	1863	<0.001	<20	0.47	0.001	0.02	<0.1	0.60	<0.1	0.11	2.2	4.8	<1	<0.2
1285354	Rock	0.277	3	38	<0.01	382	0.001	<20	0.19	0.005	0.34	<0.1	0.33	<0.1	0.71	2.0	16.6	2	<0.2
1285355	Rock	0.015	2	11	0.03	2377	<0.001	<20	0.19	<0.001	<0.01	<0.1	0.81	<0.1	0.07	0.4	1.8	<1	<0.2
1285356	Rock	0.016	2	32	<0.01	68	<0.001	<20	0.15	0.001	0.01	<0.1	0.19	<0.1	<0.05	0.3	<0.5	<1	<0.2
1285357	Rock	0.018	2	10	0.02	122	<0.001	<20	0.16	<0.001	0.01	<0.1	1.22	<0.1	<0.05	0.4	1.1	<1	<0.2
1285358	Rock	0.021	3	23	0.06	84	<0.001	<20	0.45	<0.001	0.01	<0.1	0.40	<0.1	<0.05	2.7	2.1	<1	<0.2
1285359	Rock	0.016	<1	8	0.05	287	<0.001	<20	0.16	0.001	<0.01	<0.1	0.03	<0.1	<0.05	0.6	0.7	<1	<0.2
1285360	Rock	0.111	4	34	0.09	3336	<0.001	<20	3.78	<0.001	0.08	<0.1	0.56	<0.1	0.14	22.3	47.9	2	<0.2
1285361	Rock	0.017	1	11	0.02	211	<0.001	<20	0.20	0.002	0.03	<0.1	0.33	<0.1	<0.05	1.3	1.1	<1	<0.2
1285362	Rock	0.036	27	35	0.71	133	0.060	<20	1.65	0.155	0.69	0.2	<0.01	0.4	0.61	4.0	1.4	7	<0.2
1285363	Rock	0.001	2	3	0.01	17	0.003	<20	0.10	0.006	0.06	2.4	<0.01	<0.1	7.25	0.3	23.0	<1	1.0
1285364	Rock	0.037	11	10	0.22	36	0.005	<20	0.34	0.072	0.15	0.3	<0.01	0.1	2.00	4.1	1.4	1	<0.2
1285365	Rock	0.032	14	14	0.15	44	0.015	<20	0.40	0.078	0.21	0.6	0.10	0.2	0.48	2.7	2.0	2	<0.2
1285366	Rock	0.036	20	11	0.20	59	0.025	<20	0.62	0.081	0.24	<0.1	<0.01	0.1	0.28	2.7	1.3	2	<0.2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: November 17, 2011

CERTIFICATE OF ANALYSIS WHI11001732.1

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
1285367	Rock	2.35	24	0.7	7.9	36.6	36	0.8	20.8	10.4	137	2.86	>10000	10.7	13.0	22	0.2	8.8	25.1	20	0.28
1285183	Rock	6.88	22	2.1	28.7	34.8	128	0.3	31.2	8.7	101	3.24	181.9	0.7	7.4	23	0.3	1.7	0.3	16	<0.01
1285184	Rock	6.78	10	1.4	33.7	24.8	181	0.1	45.2	10.2	180	4.19	102.2	1.1	8.6	19	0.8	1.4	0.3	22	<0.01
1285179	Rock	7.65	11	1.9	33.1	33.5	153	1.1	33.6	10.0	120	3.51	53.0	0.8	7.3	13	0.5	0.7	0.3	21	<0.01
1285180	Rock	7.12	6	2.1	23.5	15.9	120	0.2	23.1	7.9	111	3.14	141.7	0.7	5.3	21	0.2	1.3	0.3	21	<0.01
1285408	Rock	4.21	3	4.9	72.2	7.5	83	0.3	606.1	56.0	1366	4.36	192.6	2.0	16.6	445	1.3	3.1	<0.1	93	12.32
1285409	Rock	3.99	<2	4.6	84.2	9.2	97	0.2	502.2	58.5	1200	3.86	194.2	1.9	16.0	533	1.1	2.2	<0.1	93	10.81
1285410	Rock	4.03	3	4.8	98.9	13.5	289	0.4	427.9	64.8	1074	4.05	257.0	1.4	21.5	456	2.2	3.7	<0.1	108	10.21
1285411	Rock	4.12	<2	3.8	58.9	3.9	1269	0.2	201.4	46.7	979	3.71	167.4	<0.5	9.0	518	11.5	2.5	<0.1	88	12.45
1285369	Rock	1.36	6	3.0	75.5	17.0	226	0.6	51.7	9.3	232	3.26	11.3	0.7	7.4	43	1.0	0.8	0.2	175	0.61
1285370	Rock	1.62	<2	0.3	21.6	29.6	13	0.4	2.5	1.1	48	1.93	47.6	1.2	7.9	8	<0.1	0.3	0.4	2	0.06
1285371	Rock	1.28	<2	0.4	17.6	17.4	95	0.3	9.9	4.0	137	1.50	78.5	<0.5	10.2	18	0.3	2.7	0.4	5	0.33
1285372	Rock	1.84	18	0.2	26.2	10.2	81	0.2	24.4	7.9	252	1.51	442.9	16.8	10.0	34	0.6	0.6	0.2	2	0.97
1285373	Rock	1.06	196	0.2	9.4	6.5	47	0.1	12.5	5.2	185	2.09	>10000	178.6	9.5	27	0.4	5.8	1.2	12	0.27
1285374	Rock	1.58	239	0.4	9.4	44.9	26	1.6	8.3	6.8	142	2.97	>10000	219.0	11.4	26	0.2	13.1	89.3	12	0.35
1285375	Rock	1.23	13	1.7	25.9	10.7	27	0.2	34.6	11.6	146	1.88	6044	14.5	9.0	28	<0.1	3.8	1.6	35	0.42
1285376	Rock	1.14	144	0.5	18.2	15.9	13	1.0	11.5	13.2	98	3.04	>10000	155.3	11.2	14	0.2	16.5	32.4	7	0.24
1285377	Rock	3.47	72	0.4	34.0	202.9	26	5.2	22.9	16.0	141	5.25	>10000	74.3	10.6	20	0.2	23.2	21.5	19	0.22
1285378	Rock	1.37	4	3.5	13.5	4.2	66	0.9	8.3	1.2	87	2.16	61.0	<0.5	0.4	34	<0.1	6.4	0.1	34	<0.01
1285379	Rock	1.74	11	1.7	27.1	4.2	126	0.4	32.1	4.9	118	2.31	98.4	1.1	0.8	32	0.3	2.1	0.1	51	0.05
1285380	Rock	2.89	25	1.8	32.7	3.0	140	0.3	44.0	5.2	66	3.26	99.4	6.3	0.7	92	0.2	3.6	<0.1	94	0.10
1285381	Rock	1.58	<2	1.2	14.4	2.9	105	0.5	16.5	3.7	253	1.72	9.7	<0.5	0.4	31	0.3	0.9	<0.1	28	0.02
1285382	Rock	2.77	6	1.5	31.0	2.6	43	0.4	22.5	2.3	99	3.68	80.2	<0.5	1.0	169	0.1	4.2	<0.1	136	0.09
1285383	Rock	2.61	<2	2.1	6.9	2.9	8	0.4	6.6	0.2	42	1.42	23.9	<0.5	0.8	116	<0.1	1.9	<0.1	66	0.06
1285384	Rock	2.23	5	1.5	8.0	3.1	39	0.4	10.6	1.5	54	1.02	10.2	<0.5	0.5	48	<0.1	1.4	<0.1	37	0.04
1285385	Rock	1.55	6	2.0	2.4	4.7	1	3.4	0.9	<0.1	35	0.51	11.1	2.0	0.8	16	<0.1	7.0	0.1	34	<0.01
1285386	Rock	1.59	8	2.6	64.8	6.8	55	2.0	48.0	3.9	24	1.25	10.6	1.3	0.8	50	0.6	4.4	0.2	97	0.02
1104489	Rock	0.96	3	0.1	64.8	68.7	87	1.7	7.1	5.9	1075	3.08	171.3	2.7	11.6	54	0.3	0.7	2.6	5	1.68
1104490	Rock	1.07	138	0.3	7.0	10.4	18	0.2	10.2	13.6	214	2.69	>10000	134.7	13.2	28	<0.1	9.1	5.7	17	0.46
1104491	Rock	1.11	15	0.2	8.4	14.5	24	0.3	13.1	5.9	108	1.79	1923	12.9	15.7	15	0.1	1.4	0.8	18	0.33

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: November 17, 2011

CERTIFICATE OF ANALYSIS WHI11001732.1

	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
1285367	Rock	0.036	21	17	0.38	120	0.047	<20	1.19	0.093	0.43	0.4	0.21	0.3	0.85	2.7	3.1	4	<0.2
1285183	Rock	0.035	24	7	0.02	220	<0.001	<20	0.56	0.004	0.20	<0.1	29.82	0.3	0.09	2.4	6.9	1	<0.2
1285184	Rock	0.048	30	12	0.13	174	<0.001	<20	0.78	0.004	0.20	<0.1	4.82	0.2	0.06	4.9	1.7	2	<0.2
1285179	Rock	0.042	30	8	0.02	160	<0.001	<20	0.57	0.004	0.20	<0.1	2.04	0.2	0.07	3.2	2.2	1	<0.2
1285180	Rock	0.029	21	8	0.02	149	<0.001	<20	0.54	0.003	0.18	<0.1	4.24	0.3	0.06	2.4	2.6	1	<0.2
1285408	Rock	0.486	79	156	3.04	2741	0.005	<20	0.85	0.007	0.26	<0.1	5.10	0.3	0.12	18.1	1.3	2	<0.2
1285409	Rock	0.490	72	152	2.98	2155	0.004	<20	0.83	0.007	0.26	<0.1	7.02	0.2	0.13	19.4	1.3	2	<0.2
1285410	Rock	0.582	83	192	2.20	3082	0.006	<20	1.08	0.005	0.32	<0.1	9.23	0.3	0.13	20.9	1.3	3	<0.2
1285411	Rock	0.395	62	104	3.99	2619	0.005	<20	0.47	0.007	0.19	<0.1	13.05	0.1	0.08	15.6	2.2	2	0.2
1285369	Rock	0.048	6	81	0.92	324	0.129	<20	2.86	0.040	0.90	<0.1	0.04	0.6	0.49	4.7	3.0	8	<0.2
1285370	Rock	0.036	14	2	0.10	60	0.003	<20	0.39	0.021	0.19	<0.1	0.05	<0.1	0.10	0.5	2.3	1	<0.2
1285371	Rock	0.038	13	8	0.23	56	0.025	<20	0.85	0.070	0.35	<0.1	0.02	0.2	0.36	0.8	0.8	3	<0.2
1285372	Rock	0.035	14	3	0.19	67	0.004	<20	0.64	0.033	0.21	<0.1	<0.01	0.1	0.43	0.7	1.9	2	<0.2
1285373	Rock	0.031	12	19	0.49	60	0.067	<20	1.39	0.083	0.54	3.3	0.01	0.4	0.59	1.8	1.9	4	0.3
1285374	Rock	0.033	18	13	0.39	101	0.070	<20	1.28	0.113	0.44	0.5	0.03	0.3	1.00	2.7	3.6	4	0.4
1285375	Rock	0.052	15	30	0.56	149	0.091	<20	1.45	0.116	0.62	0.2	<0.01	0.4	0.39	2.7	0.7	5	<0.2
1285376	Rock	0.036	18	31	0.19	57	0.033	<20	0.72	0.071	0.23	1.8	<0.01	0.1	1.24	1.2	4.0	3	0.5
1285377	Rock	0.032	14	31	0.65	81	0.079	<20	1.24	0.079	0.57	0.1	<0.01	0.3	2.15	3.0	7.8	5	0.3
1285378	Rock	0.033	<1	25	<0.01	410	<0.001	<20	0.14	0.005	0.06	<0.1	0.12	<0.1	0.11	1.5	5.1	1	<0.2
1285379	Rock	0.087	<1	18	0.19	1190	<0.001	<20	0.84	<0.001	0.05	<0.1	0.05	<0.1	0.08	2.1	1.5	2	<0.2
1285380	Rock	0.159	<1	30	0.23	141	<0.001	<20	1.14	<0.001	0.03	<0.1	0.07	<0.1	0.07	3.3	1.5	2	<0.2
1285381	Rock	0.028	<1	10	0.06	626	<0.001	<20	0.29	0.005	0.12	<0.1	0.10	0.1	0.21	1.1	1.1	<1	<0.2
1285382	Rock	0.244	1	42	0.51	1378	0.002	<20	1.44	<0.001	0.07	<0.1	0.06	<0.1	0.15	7.0	4.5	4	<0.2
1285383	Rock	0.154	<1	24	0.19	221	0.001	<20	0.59	0.003	0.10	<0.1	0.06	0.1	0.11	3.7	1.8	4	<0.2
1285384	Rock	0.058	<1	23	0.11	318	<0.001	<20	0.42	0.002	0.07	<0.1	0.08	<0.1	0.05	1.4	1.3	2	<0.2
1285385	Rock	0.013	6	11	<0.01	1084	<0.001	<20	0.14	<0.001	0.06	<0.1	0.34	0.1	0.06	0.6	23.1	<1	<0.2
1285386	Rock	0.040	2	21	0.02	276	0.001	<20	0.48	0.004	0.18	<0.1	1.20	0.3	0.96	1.5	6.7	2	0.3
1104489	Rock	0.056	9	2	0.26	46	0.001	<20	0.32	0.076	0.04	<0.1	<0.01	<0.1	0.44	6.1	<0.5	<1	<0.2
1104490	Rock	0.040	19	24	0.61	51	0.060	<20	1.44	0.164	0.56	9.1	<0.01	0.4	1.04	2.8	4.5	6	0.8
1104491	Rock	0.044	30	22	0.70	19	0.073	<20	1.18	0.106	0.48	0.2	<0.01	0.4	0.57	3.6	0.8	7	<0.2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: November 17, 2011

CERTIFICATE OF ANALYSIS WHI11001732.1

	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
1104492	Rock	1.03	11	4.3	63.3	24.4	255	0.8	19.8	5.2	153	2.21	358.5	1.4	5.9	35	3.3	1.9	0.5	89	0.26
1104493	Rock	0.77	3	0.3	7.7	11.0	91	0.4	8.0	8.2	354	3.35	158.2	3.3	12.2	91	0.3	0.6	1.0	45	1.48
1104494	Rock	0.97	39	0.3	4.6	21.3	30	0.4	5.8	6.3	242	2.58	>10000	40.1	13.4	44	0.2	8.7	3.5	23	0.61
1104495	Rock	1.07	23	0.3	12.8	49.9	34	0.8	6.8	13.2	174	2.45	>10000	21.0	11.8	24	0.3	7.9	2.5	12	0.40
1285159	Rock	7.83	5	7.2	9.4	8.0	6	0.3	3.2	<0.1	9	0.49	19.1	<0.5	1.0	10	<0.1	3.6	0.1	49	<0.01
1285160	Rock	7.68	4	6.0	9.0	8.1	5	0.3	2.6	<0.1	5	0.46	12.3	<0.5	1.1	10	<0.1	3.8	0.1	39	<0.01
1285161	Rock	9.61	4	7.3	10.0	11.7	1	0.3	3.1	<0.1	4	0.46	8.9	<0.5	1.2	10	<0.1	2.8	0.2	34	<0.01
1285181	Rock	7.10	11	2.7	18.6	21.4	87	0.2	14.4	5.5	74	2.52	129.8	<0.5	4.3	29	<0.1	2.6	0.4	16	<0.01
1285182	Rock	6.89	65	1.6	34.1	27.0	166	0.5	28.9	10.1	137	3.45	139.9	1.2	6.7	28	0.4	3.1	0.3	16	<0.01
1285404	Rock	3.97	2	6.6	52.6	8.6	72	<0.1	349.0	50.6	716	4.72	36.9	<0.5	10.2	459	0.5	1.3	<0.1	60	17.78
1285405	Rock	4.30	2	12.4	45.5	10.5	25	0.1	314.7	39.2	756	4.98	34.8	<0.5	5.5	458	0.2	2.4	<0.1	39	21.40
1285406	Rock	3.77	<2	6.8	41.6	8.6	25	<0.1	326.6	40.6	756	4.54	45.4	<0.5	5.4	386	0.2	1.7	<0.1	38	19.40
1285407	Rock	4.23	3	5.4	73.5	9.8	80	0.5	381.1	49.7	1172	4.58	125.3	<0.5	11.8	658	1.4	8.2	<0.1	76	20.64
1285187	Rock	7.34	7	2.1	25.5	37.9	105	0.2	17.1	5.0	44	2.46	191.2	<0.5	9.7	24	0.3	4.4	0.4	9	0.02
1285188	Rock	8.06	11	0.7	14.0	49.3	158	0.3	20.7	7.5	92	2.75	293.9	8.9	14.7	24	0.4	6.5	0.5	2	0.02
1285177	Rock	6.22	15	2.1	33.9	29.3	216	1.7	41.5	13.0	237	3.46	60.3	<0.5	6.7	11	1.7	2.7	0.4	20	0.02
1285178	Rock	7.83	9	1.5	45.2	25.9	219	4.6	35.1	12.8	176	3.92	144.3	<0.5	6.4	12	0.7	4.4	0.5	20	0.01
1104334	Rock	1.69	5	0.5	20.0	5.3	18	0.2	11.9	5.0	555	1.47	1.7	<0.5	1.8	349	<0.1	0.4	<0.1	22	26.68
1104336	Rock	1.60	<2	0.2	8.6	3.8	33	0.1	3.2	1.4	56	0.55	177.7	1.2	0.3	1	0.3	0.6	<0.1	3	0.08
1104337	Rock	1.94	<2	0.5	17.6	1.9	13	<0.1	3.6	1.3	96	1.01	17.7	<0.5	0.3	5	<0.1	0.2	<0.1	4	0.12
1093998	Rock	1.43	35	0.7	16.6	4.5	18	2.1	19.4	1.8	43	1.50	36.7	5.6	1.1	8	<0.1	5.4	<0.1	7	0.05
1093999	Rock	1.54	4	0.5	8.2	2.6	6	0.3	1.0	0.1	23	0.55	26.1	3.5	0.1	40	<0.1	5.4	<0.1	8	<0.01
1285387	Rock	2.06	56	0.5	2.7	2.9	<1	1.3	1.4	0.1	32	0.60	37.6	15.6	0.7	21	<0.1	4.5	<0.1	7	<0.01
1285388	Rock	1.36	3	3.1	6.0	1.8	3	1.8	1.5	0.1	34	0.69	62.9	1.2	0.6	38	<0.1	8.3	<0.1	16	0.01
1283549	Rock	1.65	<2	0.4	19.1	3.0	10	<0.1	52.8	20.5	891	2.79	4.0	<0.5	2.0	280	<0.1	0.3	<0.1	84	21.10
1282452	Rock	1.21	25	20.1	7.3	50.1	111	0.8	8.8	2.6	53	2.86	913.9	3.8	0.9	17	0.6	31.9	0.3	10	0.02
1285389	Rock	1.55	<2	0.1	1.8	1.1	31	0.2	7.8	1.1	86	0.55	2.9	<0.5	0.4	385	1.4	0.3	<0.1	11	29.62
1285390	Rock	1.57	<2	0.3	3.1	1.4	34	0.3	10.8	1.3	73	0.50	3.3	<0.5	0.6	483	0.7	0.2	<0.1	14	21.12
1285391	Rock	1.76	<2	<0.1	0.5	0.5	30	<0.1	5.6	0.7	93	0.30	1.5	<0.5	0.2	425	0.8	0.1	<0.1	5	37.39
1285392	Rock	1.39	<2	0.6	4.6	2.3	36	0.2	10.5	1.8	509	1.00	3.3	<0.5	0.5	1325	0.7	0.2	<0.1	8	20.66

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: November 17, 2011

CERTIFICATE OF ANALYSIS WHI11001732.1

	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
1104492	Rock	0.056	7	47	0.67	240	0.056	<20	1.55	0.029	0.53	<0.1	0.03	0.3	0.58	2.6	7.8	6	<0.2
1104493	Rock	0.046	25	25	1.18	225	0.265	<20	3.68	0.328	1.17	<0.1	<0.01	0.5	0.79	10.1	1.0	11	<0.2
1104494	Rock	0.042	22	27	0.75	111	0.083	<20	1.78	0.172	0.63	0.2	<0.01	0.3	0.85	4.9	5.9	6	3.1
1104495	Rock	0.049	27	9	0.45	40	0.075	<20	0.96	0.096	0.30	0.2	<0.01	0.2	0.80	2.1	5.4	4	1.5
1285159	Rock	0.006	2	5	<0.01	173	<0.001	<20	0.30	0.003	0.11	<0.1	0.49	0.2	0.06	0.7	3.3	1	<0.2
1285160	Rock	0.005	1	<1	0.01	145	<0.001	<20	0.26	0.004	0.11	<0.1	0.25	0.2	0.07	0.6	3.7	1	<0.2
1285161	Rock	0.005	1	4	<0.01	269	<0.001	<20	0.31	0.006	0.15	<0.1	0.26	0.4	0.14	0.8	2.6	1	<0.2
1285181	Rock	0.026	17	6	0.01	175	<0.001	<20	0.44	0.004	0.17	<0.1	7.89	0.3	0.06	1.6	2.5	1	<0.2
1285182	Rock	0.036	22	7	0.02	270	<0.001	<20	0.47	0.003	0.18	<0.1	11.54	0.3	0.09	2.9	4.0	1	<0.2
1285404	Rock	0.314	39	113	2.27	34	0.005	<20	0.64	0.009	0.21	<0.1	0.20	0.2	3.37	12.1	1.2	2	<0.2
1285405	Rock	0.278	29	58	0.85	23	0.004	<20	0.70	0.012	0.20	<0.1	0.99	0.3	4.66	11.0	1.7	2	<0.2
1285406	Rock	0.252	24	44	0.84	26	0.004	<20	0.79	0.012	0.21	<0.1	2.94	0.2	3.84	9.5	1.5	2	<0.2
1285407	Rock	0.421	54	122	1.22	697	0.005	<20	0.69	0.005	0.21	<0.1	8.97	0.2	0.39	15.0	2.7	2	<0.2
1285187	Rock	0.053	28	5	0.02	171	<0.001	<20	0.49	0.003	0.20	<0.1	3.85	0.2	0.13	2.5	1.3	<1	<0.2
1285188	Rock	0.061	29	2	0.05	226	<0.001	<20	0.67	0.026	0.28	<0.1	2.21	0.2	0.21	1.6	1.2	1	<0.2
1285177	Rock	0.043	33	7	0.02	160	<0.001	<20	0.53	0.002	0.16	<0.1	2.73	0.2	<0.05	3.9	3.0	<1	<0.2
1285178	Rock	0.049	26	9	0.02	166	<0.001	<20	0.49	0.002	0.16	<0.1	1.97	0.2	0.06	3.5	1.9	1	<0.2
1104334	Rock	0.018	7	10	1.51	255	0.079	<20	1.54	0.018	0.72	0.1	0.04	0.1	0.55	3.2	0.5	4	<0.2
1104336	Rock	0.013	1	15	0.05	18	0.002	<20	0.08	0.002	0.02	<0.1	0.05	<0.1	<0.05	0.3	<0.5	<1	<0.2
1104337	Rock	0.011	<1	7	0.06	11	0.003	<20	0.10	<0.001	0.01	<0.1	0.02	<0.1	<0.05	0.3	1.4	<1	<0.2
1093998	Rock	0.043	4	8	<0.01	276	<0.001	<20	0.16	<0.001	0.05	<0.1	0.35	0.1	0.68	1.0	6.3	<1	<0.2
1093999	Rock	0.014	<1	6	<0.01	2216	<0.001	<20	0.05	<0.001	0.01	<0.1	0.06	<0.1	0.07	0.6	2.1	<1	<0.2
1285387	Rock	0.017	4	4	<0.01	385	<0.001	<20	0.12	<0.001	0.05	<0.1	0.21	0.2	0.06	0.5	5.0	<1	<0.2
1285388	Rock	0.032	3	8	<0.01	878	<0.001	<20	0.13	<0.001	0.05	<0.1	0.20	0.3	0.10	0.7	15.6	1	<0.2
1283549	Rock	0.143	5	63	0.21	236	0.002	<20	0.28	0.006	0.06	<0.1	0.03	<0.1	<0.05	11.2	<0.5	1	<0.2
1282452	Rock	0.736	1	18	<0.01	1893	0.006	<20	0.15	<0.001	0.04	1.4	1.07	0.6	0.14	4.1	88.9	1	0.3
1285389	Rock	0.083	6	7	0.11	200	0.002	<20	0.06	0.003	0.01	<0.1	0.04	<0.1	<0.05	0.9	<0.5	<1	<0.2
1285390	Rock	0.084	7	10	0.13	302	0.001	<20	0.14	0.005	0.03	<0.1	0.03	<0.1	<0.05	1.0	0.6	<1	<0.2
1285391	Rock	0.072	6	4	0.11	113	<0.001	<20	0.03	0.003	<0.01	<0.1	0.02	<0.1	<0.05	0.5	<0.5	<1	<0.2
1285392	Rock	0.062	7	8	0.26	345	<0.001	<20	0.10	0.005	0.03	<0.1	0.03	<0.1	0.05	1.2	0.7	<1	<0.2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: November 17, 2011

CERTIFICATE OF ANALYSIS WHI11001732.1

	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
1285393	Rock	1.37	<2	0.4	9.2	1.7	67	<0.1	15.5	3.4	94	1.52	3.8	<0.5	0.5	<1	0.2	<0.1	<0.1	9	0.19
1285394	Rock	1.64	<2	0.3	12.0	1.7	82	<0.1	31.9	6.1	174	1.66	1.9	<0.5	0.8	32	0.7	<0.1	<0.1	9	0.38
1285395	Rock	1.57	<2	0.3	1.9	0.9	30	0.2	6.4	0.7	72	0.31	1.1	<0.5	0.5	524	2.3	0.2	<0.1	17	31.91
1285396	Rock	1.56	<2	<0.1	1.6	0.7	43	<0.1	9.6	0.9	81	0.17	1.4	<0.5	0.2	132	1.0	0.3	<0.1	3	38.37
1094000	Rock	1.69	<2	0.3	7.7	0.9	16	<0.1	7.0	1.5	64	0.60	0.7	<0.5	0.4	<1	<0.1	<0.1	<0.1	<2	0.04
1285194	Rock	1.15	2	1.6	50.7	9.9	121	1.1	20.7	4.8	29	4.69	0.9	<0.5	3.2	11	<0.1	0.7	0.2	26	0.06
1279302	Rock	1.95	<2	0.2	5.4	1.7	47	<0.1	15.6	7.3	742	1.44	1.2	<0.5	0.5	7	<0.1	<0.1	<0.1	7	0.06
1279303	Rock	1.51	<2	1.6	16.0	22.8	46	<0.1	16.5	3.7	112	3.90	15.2	<0.5	3.0	18	<0.1	<0.1	0.3	23	0.06
1279304	Rock	1.22	<2	0.2	2.4	0.6	33	<0.1	9.1	1.2	113	0.38	3.4	<0.5	0.1	120	0.5	0.1	<0.1	3	35.90
1285169	Rock	9.05	4	3.0	11.7	57.9	155	0.8	16.2	3.2	29	1.88	135.1	<0.5	11.0	55	0.1	3.5	1.0	28	0.02
1285173	Rock	6.38	91	3.7	14.6	49.5	64	3.3	4.8	1.3	29	1.52	142.6	9.0	3.7	22	0.4	13.7	0.6	33	0.03
1285174	Rock	7.08	190	1.5	10.0	69.2	53	1.8	5.2	2.0	40	1.62	256.0	37.3	4.5	28	0.5	12.7	0.5	16	0.01
1104326	Rock	1.37	3	12.0	163.0	9.2	955	1.9	151.6	18.8	183	1.79	4.6	<0.5	4.2	40	11.1	2.9	0.1	318	2.16
1104327	Rock	2.03	<2	0.4	12.1	48.7	367	0.6	36.2	17.5	282	2.43	165.3	<0.5	15.1	45	1.3	1.1	0.6	29	0.69
1104328	Rock	1.78	3	31.9	11.0	161.1	5	1.6	0.9	0.1	31	1.85	38.2	<0.5	3.2	6	<0.1	4.0	0.3	66	<0.01
1104329	Rock	1.36	5	277.6	40.8	863.1	28	2.2	1.7	0.1	33	3.00	98.0	<0.5	7.3	193	3.1	60.5	0.3	276	0.03
1104330	Rock	1.88	<2	23.4	13.5	56.1	12	0.5	1.5	0.2	44	0.49	8.7	<0.5	0.8	9	0.3	3.7	0.3	74	0.02
1104331	Rock	1.35	3	73.3	31.4	13.4	549	0.8	91.2	2.9	155	1.07	30.3	<0.5	2.0	369	10.8	9.9	0.1	659	18.78
1104332	Rock	1.38	3	2.4	5.2	74.6	10	1.2	0.9	0.2	19	1.15	444.8	2.8	7.6	25	0.2	0.7	0.7	12	0.05
1104333	Rock	2.09	19	2.4	99.1	14.5	76	0.5	30.6	12.3	131	3.59	2.1	3.3	1.8	70	0.4	1.0	0.2	46	3.99
1285195	Rock	2.13	<2	1.2	5.1	1.3	168	0.1	11.4	3.3	740	2.21	1.2	<0.5	1.5	1196	0.8	0.2	0.1	13	17.57
1285426	Rock	6.73	<2	10.1	94.1	8.4	55	0.1	515.9	73.6	1146	4.61	37.2	0.9	17.3	433	0.3	0.9	0.1	170	10.57
1285427	Rock	5.22	<2	7.0	93.0	8.7	64	0.1	513.0	73.3	1337	5.06	26.5	1.3	17.6	411	0.5	0.6	<0.1	152	11.42

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: November 17, 2011

CERTIFICATE OF ANALYSIS WHI11001732.1

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
1285393	Rock	0.022	<1	6	0.06	852	<0.001	<20	0.28	<0.001	0.02	<0.1	0.03	<0.1	<0.05	0.9	1.0	<1	<0.2
1285394	Rock	0.020	2	6	0.12	77	<0.001	<20	0.39	<0.001	<0.01	<0.1	0.03	<0.1	<0.05	1.1	0.5	<1	<0.2
1285395	Rock	0.093	8	8	0.38	299	0.001	<20	0.06	0.006	0.01	<0.1	0.04	<0.1	<0.05	0.8	<0.5	<1	<0.2
1285396	Rock	0.081	4	4	0.06	97	0.001	<20	0.05	0.002	0.01	<0.1	0.08	<0.1	0.07	0.4	<0.5	<1	<0.2
1094000	Rock	0.009	<1	4	<0.01	48	<0.001	<20	0.10	0.012	<0.01	<0.1	<0.01	<0.1	<0.05	0.6	<0.5	<1	<0.2
1285194	Rock	0.022	8	13	0.03	472	0.001	<20	0.71	0.005	0.46	<0.1	0.13	<0.1	0.25	2.3	11.3	2	<0.2
1279302	Rock	0.034	<1	8	0.27	48	<0.001	<20	0.55	0.006	0.03	<0.1	<0.01	<0.1	<0.05	1.2	<0.5	2	<0.2
1279303	Rock	0.134	2	25	0.51	164	0.002	<20	1.39	0.018	0.17	<0.1	0.05	<0.1	0.13	3.3	<0.5	5	<0.2
1279304	Rock	0.025	3	3	0.06	36	<0.001	<20	0.05	<0.001	<0.01	<0.1	<0.01	<0.1	0.06	0.3	<0.5	<1	<0.2
1285169	Rock	0.061	28	3	0.03	142	<0.001	<20	0.45	0.012	0.25	<0.1	3.02	0.3	0.18	2.0	3.7	<1	<0.2
1285173	Rock	0.037	18	<1	0.02	120	<0.001	<20	0.34	0.002	0.17	<0.1	53.42	0.5	0.14	1.0	13.8	<1	<0.2
1285174	Rock	0.039	27	2	0.03	173	<0.001	<20	0.47	0.003	0.20	<0.1	>100	0.8	0.16	0.9	56.9	1	1.2
1104326	Rock	0.702	11	53	0.49	112	0.035	<20	1.81	<0.001	0.51	0.7	0.24	0.2	<0.05	2.4	5.3	5	<0.2
1104327	Rock	0.049	25	29	0.92	154	0.162	<20	2.20	0.169	0.63	<0.1	0.26	0.4	0.77	6.7	1.5	8	<0.2
1104328	Rock	0.028	4	6	0.01	161	0.008	<20	0.12	<0.001	0.37	0.2	0.07	0.6	0.56	0.4	7.2	<1	<0.2
1104329	Rock	0.321	24	64	0.01	435	0.030	<20	0.21	0.001	0.53	0.9	0.14	1.7	0.84	3.2	39.3	8	0.9
1104330	Rock	0.013	5	7	<0.01	69	0.002	<20	0.11	<0.001	0.07	0.1	0.10	0.2	<0.05	0.4	2.3	<1	<0.2
1104331	Rock	0.074	9	43	1.47	96	0.047	<20	0.96	<0.001	0.41	0.2	0.13	0.3	0.70	2.2	7.3	3	<0.2
1104332	Rock	0.045	24	6	0.01	146	<0.001	<20	0.30	0.002	0.27	0.1	<0.01	0.4	0.31	1.0	1.4	2	<0.2
1104333	Rock	0.309	9	30	1.45	241	0.068	<20	2.72	0.114	0.90	<0.1	0.01	0.3	1.17	5.0	2.4	9	<0.2
1285195	Rock	0.017	7	4	8.86	975	0.002	<20	0.16	0.011	0.09	<0.1	0.06	0.1	0.07	1.7	0.8	<1	<0.2
1285426	Rock	0.617	83	181	2.35	2772	0.006	<20	1.18	0.005	0.38	<0.1	1.02	0.2	0.09	18.7	0.9	4	<0.2
1285427	Rock	0.590	81	177	2.26	2583	0.005	<20	1.13	0.005	0.37	<0.1	1.28	0.2	0.09	19.1	0.7	3	<0.2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: November 17, 2011

QUALITY CONTROL REPORT WHI11001732.1

	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
Pulp Duplicates																					
1285459	Rock	2.32	<2	1.3	18.6	1.8	108	<0.1	49.7	10.6	1574	7.42	4.2	0.5	0.9	46	0.5	0.3	<0.1	16	0.96
REP 1285459	QC		<2																		
1279314	Rock	1.70	5	0.2	175.2	30.2	83	0.3	9.8	7.0	259	3.64	5.5	3.2	15.6	12	0.7	0.3	0.3	<2	1.31
REP 1279314	QC			0.2	177.7	30.9	85	0.3	10.1	7.4	270	3.80	5.1	2.2	15.4	13	0.9	0.2	0.3	3	1.33
1285186	Rock	6.63	6	1.8	29.0	27.1	184	0.1	38.4	10.5	229	3.72	129.1	1.4	9.7	30	1.9	1.5	0.3	17	0.34
REP 1285186	QC			1.8	29.5	26.5	180	0.1	38.0	10.5	232	3.75	125.2	0.8	9.6	30	1.9	1.7	0.3	17	0.33
1285381	Rock	1.58	<2	1.2	14.4	2.9	105	0.5	16.5	3.7	253	1.72	9.7	<0.5	0.4	31	0.3	0.9	<0.1	28	0.02
REP 1285381	QC			1.5	14.7	3.0	107	0.4	16.2	3.9	260	1.76	9.5	<0.5	0.5	32	0.4	0.9	<0.1	28	0.01
1285383	Rock	2.61	<2	2.1	6.9	2.9	8	0.4	6.6	0.2	42	1.42	23.9	<0.5	0.8	116	<0.1	1.9	<0.1	66	0.06
REP 1285383	QC		23																		
1104492	Rock	1.03	11	4.3	63.3	24.4	255	0.8	19.8	5.2	153	2.21	358.5	1.4	5.9	35	3.3	1.9	0.5	89	0.26
REP 1104492	QC		9																		
1285407	Rock	4.23	3	5.4	73.5	9.8	80	0.5	381.1	49.7	1172	4.58	125.3	<0.5	11.8	658	1.4	8.2	<0.1	76	20.64
REP 1285407	QC		2																		
1104327	Rock	2.03	<2	0.4	12.1	48.7	367	0.6	36.2	17.5	282	2.43	165.3	<0.5	15.1	45	1.3	1.1	0.6	29	0.69
REP 1104327	QC			0.4	12.6	46.4	361	0.5	36.0	17.6	278	2.40	170.9	<0.5	15.2	44	1.3	1.1	0.6	28	0.70
Core Reject Duplicates																					
1285443	Rock	0.95	<2	0.3	3.7	7.3	64	<0.1	14.0	22.5	590	1.77	1.4	<0.5	0.5	6	<0.1	0.2	<0.1	9	0.02
DUP 1285443	QC		<2	0.3	3.9	1.9	66	<0.1	14.0	22.5	633	1.96	1.4	0.7	0.5	7	<0.1	<0.1	<0.1	10	0.02
1285422	Rock	4.41	<2	4.9	80.2	9.5	37	0.2	498.8	61.6	1126	4.72	248.4	<0.5	20.4	497	0.2	2.0	<0.1	110	9.39
DUP 1285422	QC		<2	5.1	78.6	9.3	36	0.2	495.6	61.6	1140	4.76	236.7	<0.5	19.6	495	<0.1	1.8	<0.1	108	9.49
1285371	Rock	1.28	<2	0.4	17.6	17.4	95	0.3	9.9	4.0	137	1.50	78.5	<0.5	10.2	18	0.3	2.7	0.4	5	0.33
DUP 1285371	QC		<2	0.2	17.6	17.2	56	0.3	8.8	3.8	130	1.46	89.3	0.8	10.2	16	0.2	1.0	0.4	5	0.32
1285178	Rock	7.83	9	1.5	45.2	25.9	219	4.6	35.1	12.8	176	3.92	144.3	<0.5	6.4	12	0.7	4.4	0.5	20	0.01
DUP 1285178	QC		9	1.6	46.1	24.6	218	3.7	36.1	13.3	178	3.97	147.6	<0.5	6.3	12	0.7	4.1	0.5	19	<0.01
1285426	Rock	6.73	<2	10.1	94.1	8.4	55	0.1	515.9	73.6	1146	4.61	37.2	0.9	17.3	433	0.3	0.9	0.1	170	10.57
DUP 1285426	QC		<2	9.6	94.0	8.1	52	0.1	502.2	70.4	1136	4.52	35.5	1.3	17.4	438	0.3	0.7	<0.1	169	10.49
Reference Materials																					

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: November 17, 2011

QUALITY CONTROL REPORT WHI11001732.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga	Te
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	0.1	0.5	1	0.2
Pulp Duplicates																			
1285459	Rock	0.032	1	17	0.38	151	<0.001	<20	0.44	0.003	0.05	<0.1	0.02	0.2	<0.05	3.0	<0.5	1	<0.2
REP 1285459	QC																		
1279314	Rock	0.067	26	2	0.33	78	0.063	<20	2.22	0.015	0.29	2.6	0.08	0.2	0.39	0.7	4.9	4	<0.2
REP 1279314	QC	0.068	27	3	0.33	82	0.066	<20	2.21	0.015	0.29	2.5	0.05	0.2	0.40	0.8	5.0	5	<0.2
1285186	Rock	0.050	29	8	0.15	142	<0.001	<20	0.66	0.004	0.24	<0.1	2.41	0.2	0.09	4.6	1.9	1	<0.2
REP 1285186	QC	0.052	29	8	0.14	142	<0.001	<20	0.66	0.004	0.24	<0.1	2.38	0.2	0.09	4.4	1.9	1	<0.2
1285381	Rock	0.028	<1	10	0.06	626	<0.001	<20	0.29	0.005	0.12	<0.1	0.10	0.1	0.21	1.1	1.1	<1	<0.2
REP 1285381	QC	0.028	<1	10	0.06	630	<0.001	<20	0.29	0.004	0.12	<0.1	0.08	0.1	0.22	1.0	1.6	1	<0.2
1285383	Rock	0.154	<1	24	0.19	221	0.001	<20	0.59	0.003	0.10	<0.1	0.06	0.1	0.11	3.7	1.8	4	<0.2
REP 1285383	QC																		
1104492	Rock	0.056	7	47	0.67	240	0.056	<20	1.55	0.029	0.53	<0.1	0.03	0.3	0.58	2.6	7.8	6	<0.2
REP 1104492	QC																		
1285407	Rock	0.421	54	122	1.22	697	0.005	<20	0.69	0.005	0.21	<0.1	8.97	0.2	0.39	15.0	2.7	2	<0.2
REP 1285407	QC																		
1104327	Rock	0.049	25	29	0.92	154	0.162	<20	2.20	0.169	0.63	<0.1	0.26	0.4	0.77	6.7	1.5	8	<0.2
REP 1104327	QC	0.049	24	29	0.91	151	0.160	<20	2.21	0.169	0.63	<0.1	0.26	0.4	0.77	6.5	1.4	8	<0.2
Core Reject Duplicates																			
1285443	Rock	0.017	<1	19	0.19	15	<0.001	<20	0.42	<0.001	0.02	<0.1	0.02	0.1	<0.05	1.0	<0.5	1	<0.2
DUP 1285443	QC	0.019	<1	20	0.20	13	<0.001	<20	0.43	<0.001	0.02	<0.1	0.02	<0.1	<0.05	1.0	<0.5	1	<0.2
1285422	Rock	0.575	81	170	2.76	2776	0.005	<20	0.89	0.006	0.30	<0.1	2.36	0.2	0.13	19.8	0.5	2	<0.2
DUP 1285422	QC	0.566	78	163	2.80	2780	0.006	<20	0.87	0.006	0.29	<0.1	2.33	0.2	0.13	19.6	0.9	2	<0.2
1285371	Rock	0.038	13	8	0.23	56	0.025	<20	0.85	0.070	0.35	<0.1	0.02	0.2	0.36	0.8	0.8	3	<0.2
DUP 1285371	QC	0.037	12	6	0.24	52	0.024	<20	0.87	0.070	0.35	0.1	<0.01	0.3	0.36	0.9	<0.5	3	<0.2
1285178	Rock	0.049	26	9	0.02	166	<0.001	<20	0.49	0.002	0.16	<0.1	1.97	0.2	0.06	3.5	1.9	1	<0.2
DUP 1285178	QC	0.046	26	8	0.02	161	<0.001	<20	0.46	0.002	0.15	<0.1	2.14	0.2	0.06	3.5	2.0	1	<0.2
1285426	Rock	0.617	83	181	2.35	2772	0.006	<20	1.18	0.005	0.38	<0.1	1.02	0.2	0.09	18.7	0.9	4	<0.2
DUP 1285426	QC	0.611	82	177	2.33	2774	0.005	<20	1.17	0.002	0.38	<0.1	1.03	0.2	0.09	18.6	0.7	3	<0.2
Reference Materials																			

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: November 17, 2011

QUALITY CONTROL REPORT WHI11001732.1

		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
STD DS8	Standard			13.6	116.8	131.4	328	1.8	40.1	7.7	646	2.63	27.5	99.6	7.6	78	2.5	5.3	7.4	46	0.75
STD DS8	Standard			14.0	106.1	128.9	297	1.8	35.8	7.2	611	2.48	24.1	102.7	7.0	60	2.3	4.5	5.9	42	0.69
STD DS8	Standard			13.6	110.0	122.6	319	1.8	39.7	7.4	605	2.51	25.1	100.4	6.1	69	2.1	5.1	6.8	41	0.70
STD DS8	Standard			14.7	111.9	127.1	302	1.7	38.5	7.5	611	2.52	26.2	97.6	7.1	67	2.3	4.7	6.0	42	0.75
STD DS8	Standard			12.8	109.9	120.5	322	1.8	37.2	7.4	630	2.53	27.2	100.2	6.6	70	2.7	5.0	6.8	41	0.74
STD OREAS45CA	Standard			0.8	556.9	23.6	79	0.3	280.4	101.4	991	18.40	4.6	45.0	8.0	19	0.1	<0.1	0.2	234	0.46
STD OREAS45CA	Standard			1.1	539.5	24.7	68	0.3	273.1	96.1	979	17.04	5.7	48.6	8.6	17	<0.1	0.1	0.2	216	0.42
STD OREAS45CA	Standard			1.1	523.8	20.4	62	0.3	257.6	92.1	949	16.27	4.9	41.6	7.1	17	<0.1	<0.1	0.2	226	0.42
STD OREAS45CA	Standard			0.9	546.4	22.6	69	0.3	270.0	99.1	955	17.30	3.9	46.6	8.6	16	<0.1	<0.1	0.2	233	0.49
STD OREAS45CA	Standard			0.9	539.2	23.4	66	0.3	255.6	89.0	985	16.36	4.3	42.1	7.4	17	0.1	0.1	0.2	228	0.43
STD OXC88	Standard		202																		
STD OXC88	Standard		193																		
STD OXC88	Standard		199																		
STD OXC88	Standard		193																		
STD OXC88	Standard		197																		
STD OXC88	Standard		193																		
STD OXC88	Standard		187																		
STD OXH82	Standard		1296																		
STD OXH82	Standard		1260																		
STD OXH82	Standard		1359																		
STD OXH82	Standard		1263																		
STD OXH82	Standard		1337																		
STD OXH82	Standard		1277																		
STD OXH82	Standard		1264																		
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 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

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: November 17, 2011

QUALITY CONTROL REPORT WHI11001732.1

		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
STD DS8	Standard	0.081	15	126	0.64	300	0.133	<20	0.96	0.092	0.44	2.6	0.22	5.4	0.18	2.0	4.8	5	5.3
STD DS8	Standard	0.079	14	115	0.60	289	0.115	<20	0.91	0.090	0.42	2.6	0.18	5.2	0.17	2.1	5.1	4	5.4
STD DS8	Standard	0.080	14	116	0.62	289	0.124	<20	0.93	0.087	0.42	3.2	0.18	5.2	0.16	2.1	6.5	5	4.9
STD DS8	Standard	0.080	17	116	0.63	290	0.119	<20	0.96	0.091	0.43	3.1	0.19	5.3	0.16	2.2	5.0	5	4.6
STD DS8	Standard	0.086	16	114	0.63	321	0.123	<20	0.98	0.093	0.43	2.5	0.23	5.4	0.16	2.3	4.6	5	5.2
STD OREAS45CA	Standard	0.039	19	717	0.17	169	0.160	<20	4.27	0.005	0.08	<0.1	0.04	<0.1	<0.05	40.7	0.7	20	<0.2
STD OREAS45CA	Standard	0.036	19	776	0.17	188	0.147	<20	4.03	0.007	0.08	<0.1	<0.01	<0.1	<0.05	40.3	0.8	20	<0.2
STD OREAS45CA	Standard	0.039	17	676	0.18	164	0.166	<20	4.02	0.007	0.08	<0.1	0.02	<0.1	<0.05	39.9	1.0	20	<0.2
STD OREAS45CA	Standard	0.043	19	828	0.17	175	0.155	<20	4.33	0.005	0.09	<0.1	0.03	0.1	<0.05	41.1	0.6	19	<0.2
STD OREAS45CA	Standard	0.040	18	717	0.15	187	0.157	<20	4.08	0.005	0.08	<0.1	0.04	0.1	<0.05	41.4	0.6	20	<0.2
STD OXC88	Standard																		
STD OXC88	Standard																		
STD OXC88	Standard																		
STD OXC88	Standard																		
STD OXC88	Standard																		
STD OXC88	Standard																		
STD OXC88	Standard																		
STD OXC88	Standard																		
STD OXH82	Standard																		
STD OXH82	Standard																		
STD OXH82	Standard																		
STD OXH82	Standard																		
STD OXH82	Standard																		
STD OXH82	Standard																		
STD OXH82	Standard																		
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 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

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: November 17, 2011

QUALITY CONTROL REPORT WHI11001732.1

		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
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
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
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
Prep Wash																					
G1	Prep Blank		<2	0.2	2.6	3.4	44	<0.1	2.7	3.9	580	2.20	<0.5	1.4	6.0	74	<0.1	0.1	<0.1	42	0.54
G1	Prep Blank		<2	0.2	2.4	3.0	43	<0.1	2.6	3.9	571	2.10	<0.5	<0.5	6.1	65	<0.1	0.3	0.1	41	0.47

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: November 17, 2011

QUALITY CONTROL REPORT WHI11001732.1

		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
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	0.007	<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
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
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
Prep Wash																			
G1	Prep Blank	0.072	13	6	0.53	153	0.143	<20	0.97	0.090	0.48	<0.1	0.03	0.3	<0.05	1.7	<0.5	5	<0.2
G1	Prep Blank	0.074	14	10	0.52	176	0.143	<20	0.94	0.085	0.48	<0.1	0.03	0.3	<0.05	1.8	<0.5	5	<0.2

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

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

www.acmelab.com

Client: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Submitted By: Linda Dandy
Receiving Lab: Canada-Whitehorse
Received: September 22, 2011
Report Date: December 01, 2011
Page: 1 of 9

CERTIFICATE OF ANALYSIS WHI11001946.1

CLIENT JOB INFORMATION

Project: Oro Property
Shipment ID: #30
P.O. Number
Number of Samples:

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT-SOIL Store Soil Reject - RJSV Charges Apply

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
S230	220	Sieve soil to 230 mesh			VAN
RJSV	220	Saving all or part of Soil Reject			VAN
1DX2	220	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Colorado Resources Ltd.
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6
Canada

CC: Dugald Dunlop
Adam Travis

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 01, 2011

CERTIFICATE OF ANALYSIS WHI11001946.1

		Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.01	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
1284481	Soil			11.7	57.5	15.5	204	0.7	45.9	5.6	103	1.90	33.0	4.9	1.6	70	1.9	6.9	0.2	90	0.19	0.113
1284482	Soil			17.5	39.9	11.7	370	0.5	98.0	10.5	139	3.09	57.2	2.9	1.0	11	0.6	5.9	0.3	99	0.04	0.111
1284483	Soil			50.2	54.7	11.3	548	0.5	174.5	12.9	238	2.87	56.7	2.4	1.5	27	4.4	5.8	0.2	158	0.32	0.074
1284484	Soil			111.6	130.2	11.4	1194	0.4	361.9	19.5	388	2.79	74.1	2.1	1.8	35	31.8	9.4	0.2	172	0.29	0.118
1284485	Soil			61.5	33.7	32.1	76	7.4	13.4	1.3	23	1.62	38.3	5.5	0.6	134	3.6	37.4	0.6	310	0.03	0.104
1284486	Soil			32.2	21.9	16.1	40	2.3	7.5	1.0	27	0.94	51.6	5.9	0.3	64	0.4	40.1	0.3	229	0.03	0.064
1284487	Soil			55.3	29.5	11.8	24	3.3	8.5	0.5	10	0.97	183.1	24.2	0.8	35	0.4	27.3	0.2	161	0.01	0.052
1284488	Soil			54.1	52.1	34.2	99	4.1	17.2	1.1	15	1.52	424.7	116.6	3.2	150	1.8	217.1	0.2	260	0.03	0.066
1284489	Soil			88.5	82.3	48.8	43	6.6	9.8	1.1	24	2.34	212.2	13.0	2.5	443	1.0	182.2	0.4	361	0.07	0.171
1284490	Soil			18.8	55.7	27.2	15	3.6	4.4	0.4	7	0.69	42.6	17.0	0.6	45	0.2	43.9	0.3	158	0.03	0.059
1286901	Soil			20.9	48.3	27.8	267	1.2	74.7	8.9	173	1.84	57.9	17.5	1.6	60	2.1	17.3	0.2	132	0.16	0.117
1286902	Soil			13.5	50.6	19.3	144	1.8	54.4	5.2	201	1.79	82.9	22.0	1.0	65	3.5	12.2	0.3	168	0.29	0.137
1286903	Soil			5.8	42.8	9.3	112	1.2	46.2	4.2	70	1.20	26.6	12.4	0.7	36	3.1	5.2	0.1	57	0.23	0.098
1286904	Soil			15.1	120.3	18.4	458	1.2	109.4	70.2	1517	1.99	52.9	15.2	1.6	48	4.6	11.0	0.2	132	0.17	0.127
1286905	Soil			8.6	93.8	17.9	303	0.9	67.0	16.3	288	2.34	72.5	9.0	2.4	43	2.8	7.6	0.3	75	0.16	0.101
1286906	Soil			9.2	46.7	16.7	267	0.8	55.2	17.8	341	2.32	82.2	10.5	2.1	38	2.2	8.5	0.3	82	0.17	0.089
1286907	Soil			6.7	55.8	23.7	428	0.8	92.9	23.5	2988	2.67	178.6	12.8	3.5	30	8.3	14.0	0.3	65	0.12	0.070
1286908	Soil			8.0	60.2	16.0	341	1.0	70.8	9.9	217	2.29	62.6	10.3	2.6	56	4.2	7.4	0.3	85	0.23	0.085
1286909	Soil			11.2	55.3	18.7	416	1.3	77.9	16.8	609	2.35	87.3	13.4	2.2	58	6.3	9.3	0.3	112	0.29	0.101
1286910	Soil			9.3	91.5	17.7	489	1.3	109.0	15.7	579	2.89	156.9	15.6	1.9	62	5.5	8.4	0.3	79	0.27	0.101
1286931	Soil			4.9	12.9	10.6	54	0.4	11.4	3.1	45	1.58	46.5	6.2	0.2	21	0.4	4.1	0.2	50	0.04	0.066
1286932	Soil			9.9	23.3	41.1	110	0.5	21.5	4.9	138	2.59	66.9	10.4	1.9	57	0.8	6.5	0.3	83	0.06	0.071
1286933	Soil			7.9	16.4	34.4	80	0.7	12.5	3.7	60	1.86	71.0	13.6	0.7	43	0.2	7.9	0.3	55	0.01	0.081
1286934	Soil			3.4	27.4	14.9	48	0.8	10.8	2.4	39	1.61	89.4	14.8	0.5	19	0.4	4.4	0.3	27	0.03	0.099
1286935	Soil			3.9	41.8	24.2	84	1.5	14.1	3.1	162	4.94	302.8	8.5	1.0	15	0.8	9.4	0.8	61	0.07	0.130
1286936	Soil			7.9	49.0	43.4	72	1.9	10.7	3.2	35	5.63	620.0	95.9	8.5	14	0.3	19.0	5.7	46	0.01	0.081
1286937	Soil			4.7	25.0	43.9	59	2.1	9.5	2.1	79	4.31	479.4	5.4	2.2	19	0.4	8.0	3.8	70	0.02	0.104
1286938	Soil			2.9	23.2	19.4	40	0.6	6.2	1.5	80	2.71	186.2	3.8	1.8	13	0.3	4.9	2.6	51	0.03	0.077
1286939	Soil			8.2	31.0	35.9	85	1.5	15.4	3.6	105	6.76	443.4	10.5	3.9	32	0.2	10.4	2.5	93	0.03	0.129
1286940	Soil			3.9	23.1	13.0	40	0.5	11.5	2.4	41	1.34	85.7	7.0	0.4	12	0.3	3.4	0.6	36	0.06	0.074

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 01, 2011

CERTIFICATE OF ANALYSIS WHI11001946.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	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	ppm
	MDL	1	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
1284481	Soil	8	18	0.07	1077	0.004	2	0.44	0.003	0.06	0.1	0.74	2.5	0.4	0.09	1	2.2	<0.2
1284482	Soil	19	14	0.03	291	0.005	3	0.44	0.004	0.06	0.1	0.25	1.4	0.4	<0.05	2	2.5	<0.2
1284483	Soil	16	29	0.12	556	0.007	3	0.97	0.004	0.06	0.4	0.21	2.1	1.4	<0.05	3	2.6	<0.2
1284484	Soil	15	22	0.05	477	0.003	4	1.13	0.005	0.06	0.6	0.48	3.2	2.1	<0.05	1	3.8	<0.2
1284485	Soil	17	25	0.02	701	0.005	4	0.47	0.006	0.21	1.9	4.07	0.8	12.2	0.41	4	17.6	0.3
1284486	Soil	10	16	0.02	313	0.005	4	0.39	0.016	0.11	1.8	3.99	0.4	4.9	0.15	3	11.2	0.4
1284487	Soil	8	10	0.02	247	0.001	3	0.48	0.003	0.08	1.1	12.00	0.9	3.0	0.06	1	8.2	<0.2
1284488	Soil	12	15	0.01	614	0.002	4	0.36	0.003	0.17	2.5	>50	1.2	8.8	0.24	2	14.6	1.5
1284489	Soil	22	37	0.02	486	0.004	5	0.46	0.006	0.20	5.2	13.51	1.7	5.5	0.44	4	30.7	1.0
1284490	Soil	15	16	<0.01	304	0.002	4	0.31	0.002	0.07	1.2	9.65	0.6	2.3	0.07	2	9.3	0.4
1286901	Soil	15	16	0.04	872	0.005	3	0.49	0.004	0.09	0.4	3.00	2.2	1.2	<0.05	2	5.8	<0.2
1286902	Soil	9	20	0.06	1218	0.003	3	0.60	0.007	0.06	0.3	3.07	2.3	1.0	0.11	2	4.6	<0.2
1286903	Soil	5	13	0.05	749	0.002	2	0.57	0.012	0.06	0.1	1.74	2.5	0.6	0.05	2	2.5	<0.2
1286904	Soil	13	22	0.13	798	0.003	5	1.05	0.007	0.10	0.2	1.90	3.9	1.0	<0.05	2	3.4	<0.2
1286905	Soil	15	20	0.15	768	0.002	3	0.91	0.004	0.08	0.2	1.22	3.5	0.6	<0.05	2	2.6	<0.2
1286906	Soil	11	19	0.15	1068	0.002	2	0.85	0.006	0.07	0.1	1.20	2.5	0.4	<0.05	2	1.9	<0.2
1286907	Soil	15	17	0.15	545	0.002	4	0.87	0.005	0.09	0.1	1.27	2.7	0.4	<0.05	2	1.8	<0.2
1286908	Soil	11	24	0.18	1695	0.002	4	0.90	0.004	0.09	0.1	1.37	3.6	0.4	<0.05	2	2.7	<0.2
1286909	Soil	12	24	0.16	1147	0.002	4	0.98	0.007	0.10	0.2	1.77	3.2	0.6	<0.05	3	3.5	<0.2
1286910	Soil	8	23	0.13	1098	0.001	4	1.34	0.008	0.10	0.1	1.66	4.3	0.6	<0.05	3	3.0	<0.2
1286931	Soil	11	6	0.01	476	0.003	4	0.26	0.014	0.05	0.1	0.58	0.6	0.3	<0.05	1	1.3	<0.2
1286932	Soil	10	15	0.06	482	0.004	3	0.81	0.003	0.09	0.2	1.05	2.3	0.6	0.05	2	3.0	<0.2
1286933	Soil	13	9	0.02	313	0.002	2	0.34	0.006	0.08	0.1	1.68	1.0	0.5	0.09	2	2.2	<0.2
1286934	Soil	8	7	0.03	202	0.004	2	0.72	0.013	0.05	0.1	1.15	0.8	0.4	<0.05	2	1.2	<0.2
1286935	Soil	14	23	0.08	209	0.007	3	0.91	0.005	0.07	0.2	1.08	1.2	0.2	0.07	4	2.4	<0.2
1286936	Soil	19	11	0.03	112	0.001	4	0.61	0.002	0.08	0.9	2.82	1.9	0.3	<0.05	2	3.7	<0.2
1286937	Soil	24	17	0.09	160	0.004	1	0.85	0.005	0.07	1.5	0.56	1.2	0.2	0.07	5	1.9	<0.2
1286938	Soil	13	14	0.13	111	0.007	1	0.76	0.014	0.05	1.6	0.39	1.0	0.2	0.06	3	1.1	<0.2
1286939	Soil	19	27	0.14	214	0.006	1	1.04	0.003	0.07	0.9	0.94	1.6	0.5	0.07	6	3.5	0.2
1286940	Soil	10	8	0.03	195	0.005	1	0.45	0.015	0.04	0.4	0.59	0.4	0.2	<0.05	2	1.0	<0.2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 01, 2011

CERTIFICATE OF ANALYSIS WHI11001946.1

	Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	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
1286941	Soil		12.9	63.7	34.0	112	0.9	24.6	4.9	108	3.86	267.6	29.6	2.4	44	0.4	13.3	2.5	91	0.03	0.108
1286942	Soil		12.9	60.6	48.3	88	1.1	18.7	3.9	95	3.20	241.7	26.9	2.4	54	0.5	15.9	1.2	85	0.04	0.096
1286943	Soil		8.9	58.0	22.0	103	0.7	21.7	3.9	82	2.62	300.3	18.9	1.4	29	0.5	10.1	1.0	80	0.04	0.092
1286944	Soil		4.7	38.5	13.1	81	0.5	17.9	4.5	100	2.40	162.7	15.3	1.0	26	0.2	5.6	1.3	50	0.07	0.074
1286945	Soil		8.7	54.1	28.6	130	0.9	25.4	4.7	110	3.35	290.7	18.8	1.6	46	0.5	9.5	4.3	78	0.04	0.092
1286946	Soil		8.4	37.6	38.7	121	0.8	22.4	4.1	85	2.65	305.9	22.1	1.6	41	0.4	11.2	3.0	67	0.03	0.102
1286947	Soil		11.4	28.0	35.0	126	0.9	24.1	4.6	81	2.42	280.9	26.6	1.0	35	0.2	13.3	3.5	92	0.02	0.078
1286948	Soil		6.4	21.4	23.7	73	0.7	14.7	2.7	51	1.72	180.0	17.0	0.4	29	0.2	7.2	2.1	51	0.02	0.075
1286949	Soil		4.3	21.4	16.5	54	0.8	10.9	2.4	31	1.28	141.1	9.5	0.4	19	0.1	7.8	2.9	46	0.03	0.052
1286950	Soil		19.6	70.2	86.2	247	1.7	62.3	9.4	178	2.91	203.7	34.4	3.8	87	1.6	16.6	1.2	98	0.11	0.123
1288351	Soil		7.8	30.3	20.2	77	0.5	25.2	5.4	77	1.70	64.8	2.8	0.2	29	0.2	2.8	0.3	49	0.12	0.062
1288352	Soil		7.8	34.3	25.3	45	1.1	16.6	2.5	79	1.67	33.5	2.3	0.3	37	0.1	4.1	0.3	67	0.04	0.098
1288353	Soil		4.9	46.9	19.6	165	0.2	33.2	7.9	130	2.60	92.6	1.7	0.3	18	0.2	2.8	0.4	48	0.02	0.062
1288354	Soil		4.0	20.5	19.5	60	0.2	15.2	3.7	77	1.65	32.9	0.5	0.6	20	0.1	1.6	0.3	52	0.03	0.053
1288355	Soil		5.4	86.6	32.6	95	1.1	57.2	24.5	991	5.00	106.9	3.1	1.3	29	0.2	3.4	0.5	71	0.06	0.085
1288356	Soil		5.3	51.8	17.8	70	0.5	28.6	10.2	713	2.24	41.9	1.0	0.2	25	0.1	2.1	0.3	48	0.14	0.096
1288357	Soil		7.1	208.6	40.4	453	1.7	137.1	45.8	1251	10.01	78.4	7.4	2.0	58	5.4	6.2	0.6	135	0.31	0.170
1288358	Soil		51.4	191.4	56.1	467	5.4	116.8	3.1	81	2.09	130.6	<0.5	2.5	588	6.6	34.5	0.4	450	0.32	0.200
1288359	Soil		20.7	83.2	118.3	108	2.9	45.7	4.2	104	2.01	118.1	0.6	1.0	133	2.0	20.2	0.5	222	0.14	0.058
1288360	Soil		160.6	148.1	29.5	2577	3.2	390.5	15.2	344	2.96	133.7	0.6	1.3	374	21.1	36.6	0.2	436	7.55	0.139
1284291	Soil		2.4	11.0	12.3	39	0.8	7.9	2.1	38	0.83	3.1	<0.5	0.1	10	0.7	0.9	0.2	36	0.03	0.037
1284292	Soil		7.3	22.4	29.4	64	2.2	17.3	4.0	94	1.73	18.6	1.3	0.2	48	0.5	2.2	0.3	66	0.04	0.076
1284293	Soil		2.9	11.7	11.2	22	2.5	7.7	1.3	21	0.51	4.9	<0.5	0.1	17	0.6	0.8	<0.1	28	0.02	0.050
1284294	Soil		7.6	19.9	34.1	54	1.9	14.3	3.0	54	1.25	17.6	1.2	0.1	52	0.3	2.1	0.2	74	0.05	0.065
1284295	Soil		8.3	27.0	44.2	79	1.6	22.3	4.8	121	1.63	21.1	3.5	0.4	83	1.5	2.7	0.2	63	0.09	0.089
1284296	Soil		7.9	27.5	41.3	92	1.2	22.7	4.7	107	1.64	21.0	3.9	0.4	74	1.6	2.8	0.2	64	0.10	0.074
1284297	Soil		6.1	39.4	18.3	137	0.5	36.8	6.9	130	2.14	16.6	2.4	1.2	46	0.6	2.1	0.2	51	0.42	0.067
1284298	Soil		8.0	44.6	16.1	161	0.6	40.8	10.0	254	2.26	17.3	2.2	1.3	51	0.8	2.4	0.2	62	0.31	0.099
1284299	Soil		8.5	46.9	16.8	184	0.6	41.2	10.2	315	2.39	17.5	2.8	1.3	41	2.6	2.3	0.2	69	0.18	0.108
1284300	Soil		6.8	40.7	19.1	183	0.8	42.5	9.1	279	2.09	16.3	2.8	1.2	68	2.0	2.0	0.2	60	0.64	0.106

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 01, 2011

CERTIFICATE OF ANALYSIS WHI11001946.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	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	ppm
	MDL	1	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
1286941	Soil	15	19	0.12	305	0.004	3	0.90	0.005	0.10	1.0	3.35	1.7	0.7	0.13	3	4.2	<0.2
1286942	Soil	16	16	0.11	393	0.004	4	0.84	0.006	0.11	0.6	4.84	1.7	0.9	0.13	3	4.2	<0.2
1286943	Soil	15	15	0.10	235	0.005	2	0.98	0.010	0.08	0.4	1.52	1.5	0.6	<0.05	3	3.0	<0.2
1286944	Soil	10	12	0.15	153	0.011	2	0.76	0.019	0.11	0.6	0.69	1.4	0.4	0.09	3	1.6	<0.2
1286945	Soil	18	16	0.13	246	0.005	2	0.97	0.009	0.11	1.2	2.57	1.5	0.7	0.17	3	3.0	0.2
1286946	Soil	17	12	0.05	201	0.004	2	0.86	0.010	0.07	0.4	3.21	0.8	0.5	0.09	2	3.1	0.2
1286947	Soil	18	10	0.03	164	0.004	2	0.64	0.006	0.06	0.6	2.64	0.7	0.5	0.05	3	3.1	<0.2
1286948	Soil	11	7	0.03	110	0.004	1	0.46	0.011	0.04	0.5	2.30	0.4	0.4	<0.05	2	2.6	<0.2
1286949	Soil	13	6	0.02	87	0.004	2	0.34	0.011	0.04	0.6	2.66	0.4	0.2	<0.05	2	1.4	<0.2
1286950	Soil	16	19	0.07	581	0.002	3	0.65	0.003	0.09	0.6	4.34	2.7	1.4	0.08	2	5.5	<0.2
1288351	Soil	5	9	0.06	691	0.003	2	0.45	0.005	0.05	<0.1	0.15	0.7	0.3	<0.05	2	1.4	<0.2
1288352	Soil	5	12	0.06	2094	0.005	1	0.84	0.005	0.05	<0.1	0.19	0.8	0.3	<0.05	3	3.5	<0.2
1288353	Soil	7	11	0.02	484	0.004	2	0.37	0.003	0.05	<0.1	0.04	1.1	0.2	<0.05	2	1.2	<0.2
1288354	Soil	7	11	0.03	254	0.002	1	0.56	0.003	0.05	0.1	0.04	1.0	0.2	<0.05	3	0.9	<0.2
1288355	Soil	5	18	0.08	260	0.005	2	0.51	0.007	0.08	<0.1	0.10	7.6	0.3	<0.05	2	3.2	<0.2
1288356	Soil	4	11	0.04	270	0.003	2	0.57	0.015	0.05	<0.1	0.10	1.9	0.3	0.05	2	1.5	<0.2
1288357	Soil	5	37	0.16	616	0.003	3	0.83	0.006	0.07	<0.1	0.31	14.3	0.5	0.12	2	5.4	<0.2
1288358	Soil	6	26	0.03	462	0.003	5	0.53	0.003	0.15	0.3	5.61	4.8	1.7	0.20	2	31.9	0.8
1288359	Soil	4	16	0.02	550	0.001	4	0.27	0.004	0.15	0.1	2.19	3.0	1.1	0.30	2	14.9	0.3
1288360	Soil	7	24	2.34	321	0.003	6	0.37	0.006	0.09	0.3	2.24	3.8	1.9	0.08	<1	10.9	0.2
1284291	Soil	8	8	0.02	136	0.006	2	0.37	0.006	0.03	<0.1	0.04	0.2	0.1	<0.05	3	<0.5	<0.2
1284292	Soil	6	14	0.06	303	0.003	3	0.54	0.004	0.05	0.1	0.12	0.4	0.4	<0.05	3	2.2	<0.2
1284293	Soil	4	7	0.02	328	0.003	1	0.27	0.009	0.03	<0.1	0.07	0.1	0.1	<0.05	2	1.0	<0.2
1284294	Soil	5	15	0.04	411	0.002	4	0.49	0.004	0.04	0.1	0.07	0.6	0.4	<0.05	3	2.6	<0.2
1284295	Soil	7	17	0.10	665	0.005	2	0.56	0.005	0.06	0.1	0.24	1.2	0.4	<0.05	2	3.0	<0.2
1284296	Soil	7	17	0.10	615	0.005	2	0.56	0.004	0.06	0.1	0.19	1.2	0.4	<0.05	3	3.3	<0.2
1284297	Soil	7	14	0.12	905	0.002	2	0.71	0.006	0.06	<0.1	0.13	2.6	0.2	<0.05	2	2.6	<0.2
1284298	Soil	6	15	0.11	1733	0.002	4	0.64	0.004	0.09	<0.1	0.12	2.7	0.3	<0.05	2	3.0	<0.2
1284299	Soil	6	18	0.11	1216	0.002	4	0.87	0.006	0.11	<0.1	0.14	3.0	0.3	<0.05	3	2.5	<0.2
1284300	Soil	6	16	0.14	1015	0.002	3	0.78	0.006	0.09	<0.1	0.21	2.8	0.3	<0.05	2	1.9	<0.2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 01, 2011

CERTIFICATE OF ANALYSIS WHI11001946.1

	Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	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
1288551	Soil		0.9	24.6	10.9	72	0.8	21.4	6.3	400	1.16	4.2	1.7	0.7	77	1.8	0.3	0.2	24	0.83	0.089
1288552	Soil		1.0	17.2	4.8	41	0.2	15.5	4.8	138	0.88	3.3	0.8	0.4	148	0.8	0.7	0.1	10	2.01	0.073
1288553	Soil		2.4	16.9	9.6	73	<0.1	15.2	5.7	141	2.70	14.1	<0.5	0.9	12	0.1	0.8	0.2	33	0.02	0.040
1288554	Soil		4.6	17.1	13.0	96	<0.1	17.8	7.7	192	2.54	18.1	0.6	1.4	19	0.2	1.9	0.2	59	0.02	0.031
1288555	Soil		4.7	16.1	10.3	65	0.2	15.6	3.8	63	1.55	12.5	0.9	1.0	18	0.1	1.2	0.2	54	0.04	0.032
1288556	Soil		3.5	23.0	10.2	85	1.0	20.8	3.0	47	1.58	8.2	1.8	0.7	29	0.4	1.0	0.1	42	0.05	0.048
1288557	Soil		2.0	18.0	6.3	69	0.8	27.8	5.0	249	0.95	4.2	2.0	0.4	694	1.2	1.1	0.1	23	2.06	0.102
1288558	Soil		3.1	28.3	11.1	92	1.0	37.4	8.5	233	1.79	7.6	2.7	0.6	439	1.6	1.2	0.2	30	1.35	0.124
1288559	Soil		6.5	26.9	9.7	87	0.8	16.2	5.0	70	1.81	18.9	0.7	0.2	15	0.4	2.0	0.2	78	0.03	0.067
1288560	Soil		4.6	34.6	15.8	114	4.5	56.7	24.2	1380	4.46	15.1	8.2	0.8	152	1.9	1.3	0.2	44	0.52	0.232
1286951	Soil		19.5	41.3	65.6	111	1.6	13.2	2.9	47	2.93	396.6	77.5	0.9	47	0.4	24.9	2.6	47	0.04	0.140
1286952	Soil		2.8	28.7	30.4	115	0.3	28.5	7.9	77	1.29	37.3	3.0	1.5	25	0.3	1.8	0.4	28	0.04	0.041
1286953	Soil		7.2	32.3	40.6	101	0.8	23.6	4.1	119	2.21	76.8	16.3	1.7	50	0.4	6.5	0.5	68	0.16	0.076
1286954	Soil		3.4	25.8	24.6	68	2.0	17.0	2.6	63	1.31	44.1	19.7	1.1	33	0.2	3.4	0.6	31	0.16	0.059
1286955	Soil		1.8	26.5	12.1	50	1.4	13.1	1.8	101	0.71	42.2	51.7	0.6	44	0.5	7.8	0.5	17	0.86	0.081
1286956	Soil		7.0	38.5	36.6	97	3.0	23.0	3.2	81	1.82	130.3	69.4	1.4	51	0.7	21.9	0.9	42	0.23	0.078
1286957	Soil		4.8	26.1	9.4	113	0.6	28.4	2.8	32	1.14	17.0	5.2	0.9	38	0.5	2.6	0.2	35	0.69	0.040
1286958	Soil		4.0	19.3	8.3	144	0.4	16.9	2.2	93	0.96	8.6	1.4	0.2	7	0.6	1.8	0.2	91	0.06	0.148
1286959	Soil		7.9	25.8	11.6	405	0.3	44.0	4.9	172	1.78	15.3	1.3	0.2	12	1.4	3.0	0.3	249	0.26	0.120
1286960	Soil		7.0	69.7	14.2	1710	1.4	94.6	6.6	109	1.99	18.6	2.3	2.7	14	4.6	5.2	0.1	155	0.42	0.150
1286961	Soil		9.6	76.7	17.6	943	1.0	69.6	13.2	237	2.51	11.3	2.1	1.6	9	2.0	6.3	0.2	149	0.31	0.121
1286962	Soil		9.3	54.8	13.4	355	1.4	44.3	7.9	165	2.27	9.6	1.9	1.4	9	1.8	6.1	0.2	140	0.23	0.133
1286963	Soil		9.1	35.1	14.5	698	0.4	54.0	6.6	197	1.89	10.7	1.4	0.4	18	6.7	4.5	0.2	118	0.42	0.155
1286964	Soil		6.4	65.0	12.9	1269	1.2	132.1	8.6	149	2.01	17.0	2.5	1.3	20	6.0	3.2	0.2	246	0.75	0.172
1286965	Soil		8.5	29.0	13.2	248	0.3	38.8	3.9	120	1.79	23.0	1.0	0.3	9	1.6	4.0	0.2	215	0.24	0.143
1286966	Soil		4.6	44.3	11.7	429	0.8	46.3	6.8	130	2.23	11.0	2.4	3.4	13	0.9	3.1	0.1	149	0.40	0.138
1286967	Soil		4.6	43.8	13.7	536	0.6	40.6	7.8	204	2.19	18.4	1.3	1.6	18	3.9	2.6	0.2	239	0.49	0.151
1286968	Soil		6.7	53.0	14.7	329	0.5	48.3	7.4	178	2.48	36.4	3.3	4.2	20	3.3	3.7	0.2	184	0.55	0.167
1286969	Soil		3.2	23.8	11.6	276	0.7	24.2	4.5	131	1.17	20.7	<0.5	0.9	18	2.0	1.4	0.4	109	0.47	0.106
1286970	Soil		5.4	61.4	23.3	1417	0.7	96.1	8.2	197	2.13	56.7	1.4	1.9	15	4.3	2.9	0.9	197	0.51	0.164

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 01, 2011

CERTIFICATE OF ANALYSIS WHI11001946.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	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	ppm
	MDL	1	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
1288551	Soil	4	10	0.11	1412	0.003	1	0.80	0.018	0.04	<0.1	0.21	3.1	0.1	0.10	2	3.1	<0.2
1288552	Soil	1	4	0.17	550	0.002	4	0.32	0.014	0.03	<0.1	0.09	1.7	<0.1	0.16	<1	1.6	<0.2
1288553	Soil	3	10	0.07	170	0.002	2	0.59	0.005	0.08	<0.1	0.02	1.8	0.1	<0.05	3	0.8	<0.2
1288554	Soil	7	11	0.06	1019	0.004	2	0.66	0.003	0.05	<0.1	0.02	1.3	0.2	<0.05	4	0.9	<0.2
1288555	Soil	7	9	0.06	740	0.003	2	0.66	0.005	0.05	0.1	0.03	1.2	0.2	<0.05	3	<0.5	<0.2
1288556	Soil	5	11	0.06	1252	0.002	2	0.86	0.013	0.06	<0.1	0.09	1.7	0.2	<0.05	3	0.9	<0.2
1288557	Soil	2	7	0.14	787	0.002	5	0.63	0.015	0.05	<0.1	0.13	1.2	0.2	0.19	2	1.6	<0.2
1288558	Soil	4	10	0.16	686	0.002	3	0.77	0.013	0.05	<0.1	0.13	1.8	0.1	0.15	2	2.1	<0.2
1288559	Soil	6	9	0.02	335	0.003	3	0.36	0.006	0.05	<0.1	0.02	0.7	0.1	<0.05	3	1.2	<0.2
1288560	Soil	7	15	0.10	1401	0.003	3	1.23	0.013	0.07	<0.1	0.96	3.5	0.3	0.12	3	11.6	<0.2
1286951	Soil	18	9	0.04	308	0.003	4	0.61	0.012	0.11	0.8	8.29	0.6	1.2	0.16	3	4.9	0.2
1286952	Soil	4	9	0.03	183	<0.001	2	0.54	0.005	0.09	<0.1	0.23	1.4	0.2	<0.05	2	1.7	<0.2
1286953	Soil	13	16	0.14	600	0.003	2	0.90	0.004	0.07	0.3	1.33	1.9	0.5	0.08	3	3.0	<0.2
1286954	Soil	7	12	0.05	662	0.001	3	0.56	0.007	0.07	0.2	1.70	1.3	0.2	0.10	2	1.6	<0.2
1286955	Soil	5	8	0.05	493	0.004	3	0.53	0.019	0.04	0.2	4.63	1.0	0.2	0.13	2	3.0	<0.2
1286956	Soil	13	14	0.08	609	0.003	2	0.68	0.007	0.07	0.3	12.00	1.9	0.5	0.11	2	4.7	<0.2
1286957	Soil	3	9	0.06	263	0.001	3	0.34	0.008	0.05	<0.1	0.68	1.3	0.2	0.09	1	1.7	<0.2
1286958	Soil	7	21	0.49	71	0.006	<1	1.18	0.013	0.07	0.1	0.06	0.3	0.3	0.05	5	0.6	<0.2
1286959	Soil	9	44	1.59	154	0.017	2	1.92	0.006	0.13	0.3	0.04	0.6	0.4	0.05	6	0.9	<0.2
1286960	Soil	16	27	1.35	165	0.031	2	1.63	0.007	0.21	1.4	0.08	1.9	0.5	<0.05	4	1.1	<0.2
1286961	Soil	14	33	2.00	216	0.030	2	2.12	0.003	0.30	<0.1	0.05	1.4	0.6	<0.05	5	1.4	<0.2
1286962	Soil	12	31	1.75	234	0.030	3	1.87	0.004	0.29	<0.1	0.05	1.2	0.5	<0.05	5	1.3	<0.2
1286963	Soil	11	20	0.80	132	0.008	2	1.24	0.012	0.13	0.1	0.02	0.4	0.3	0.05	4	1.4	<0.2
1286964	Soil	13	51	1.87	152	0.035	2	2.21	0.008	0.16	0.2	0.06	1.9	0.4	<0.05	6	1.0	<0.2
1286965	Soil	8	35	1.19	118	0.021	<1	1.57	0.008	0.10	0.1	0.03	0.7	0.5	<0.05	5	1.4	<0.2
1286966	Soil	9	35	2.11	238	0.048	2	2.28	0.004	0.21	<0.1	0.03	1.3	0.4	<0.05	5	1.1	<0.2
1286967	Soil	11	43	1.85	178	0.048	1	2.29	0.007	0.18	<0.1	0.03	1.4	0.3	<0.05	6	1.1	<0.2
1286968	Soil	19	41	1.40	164	0.043	1	1.85	0.005	0.17	0.2	0.06	2.3	0.4	<0.05	5	0.9	<0.2
1286969	Soil	5	22	1.06	122	0.031	1	1.33	0.018	0.11	<0.1	0.03	0.9	0.2	<0.05	4	1.4	<0.2
1286970	Soil	9	42	2.08	153	0.053	2	2.36	0.004	0.20	0.1	0.03	1.9	0.4	<0.05	6	0.6	<0.2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 01, 2011

CERTIFICATE OF ANALYSIS WHI11001946.1

	Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	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
1286981	Soil		5.0	42.5	6.9	75	1.6	18.5	3.0	79	1.18	9.1	4.1	0.3	6	1.0	2.4	0.1	39	0.07	0.117
1286982	Soil		8.7	48.2	10.2	219	0.7	34.0	6.5	174	2.13	27.5	2.2	0.4	16	2.9	3.8	0.2	82	0.23	0.190
1286983	Soil		59.7	199.3	37.2	1079	2.0	124.0	8.7	266	3.72	127.2	4.8	0.6	31	3.7	20.3	0.3	258	0.82	0.530
1286984	Soil		2.7	19.9	3.7	35	0.3	7.2	1.6	112	0.38	2.8	<0.5	<0.1	11	2.8	0.9	<0.1	10	0.20	0.087
1286985	Soil		12.5	50.7	17.4	325	1.4	47.3	5.6	101	1.81	24.3	2.3	0.4	17	1.1	6.1	0.2	110	0.38	0.257
1286986	Soil		11.1	44.0	10.2	171	0.6	22.0	2.7	75	1.16	20.6	1.4	0.1	6	1.1	4.6	0.2	51	0.05	0.138
1286987	Soil		10.1	46.7	15.1	238	0.4	31.8	5.4	199	2.03	31.2	2.0	0.3	11	1.0	5.3	0.2	78	0.13	0.154
1286988	Soil		1.1	8.8	3.5	23	0.3	4.7	0.8	23	0.38	3.8	<0.5	0.1	11	0.3	0.5	<0.1	17	0.23	0.100
1286989	Soil		3.2	15.5	6.4	79	0.3	10.7	1.7	36	0.82	20.2	0.9	0.2	7	0.7	1.7	0.1	34	0.09	0.077
1286990	Soil		4.3	130.6	13.9	642	1.1	51.6	11.2	270	2.58	17.5	2.3	2.3	25	6.6	2.1	0.2	170	0.59	0.089
1287431	Soil		8.8	41.4	33.3	146	0.9	28.6	8.0	155	3.19	161.5	17.6	2.3	47	0.8	9.6	1.1	74	0.04	0.084
1287432	Soil		15.7	84.2	274.3	185	6.9	42.8	6.2	104	4.43	370.4	26.6	5.9	67	0.8	20.3	1.1	137	0.04	0.238
1287433	Soil		6.1	51.5	35.0	115	0.9	24.3	5.2	83	3.77	167.9	8.1	2.1	30	0.6	10.0	0.7	65	0.03	0.107
1287434	Soil		12.6	25.1	29.0	117	0.8	23.0	3.5	58	1.84	61.5	5.6	0.4	36	0.4	5.7	0.4	121	0.03	0.075
1287435	Soil		9.3	74.8	31.6	161	1.2	33.9	7.6	101	3.35	231.3	9.3	3.1	47	0.7	9.2	1.0	58	0.04	0.096
1287436	Soil		7.5	48.0	22.7	77	1.2	15.5	3.4	93	2.65	126.0	8.8	1.4	28	0.6	5.6	1.2	70	0.02	0.057
1287437	Soil		8.3	100.0	20.5	94	1.0	18.6	3.9	95	6.43	209.0	7.1	4.6	27	0.4	7.6	2.2	64	0.02	0.118
1287438	Soil		4.5	51.1	41.9	87	1.6	14.1	3.0	49	3.24	518.2	5.7	3.9	57	0.4	12.0	5.6	54	0.02	0.087
1287439	Soil		7.4	58.3	34.3	90	1.0	17.1	4.0	96	3.49	201.6	17.3	1.9	37	0.4	9.3	1.4	57	0.03	0.074
1287440	Soil		5.9	40.1	34.3	76	2.6	14.8	3.2	55	2.43	269.5	57.4	0.8	41	0.5	13.8	4.0	35	0.02	0.084
1287441	Soil		4.3	28.2	24.1	132	1.8	27.1	8.3	70	2.69	575.1	9.1	1.9	45	0.4	11.6	3.1	33	0.03	0.076
1287442	Soil		6.4	30.8	44.1	127	0.6	23.8	6.2	81	3.55	299.7	8.1	3.8	41	0.3	9.7	1.1	47	0.02	0.073
1287443	Soil		14.6	67.3	65.7	243	2.3	38.9	5.6	90	3.62	604.9	31.2	5.7	97	1.6	20.9	5.5	78	0.03	0.106
1287444	Soil		15.6	60.0	54.0	170	1.6	30.9	4.8	100	2.97	209.5	20.7	3.7	93	1.2	14.1	1.5	76	0.06	0.108
1287445	Soil		11.8	45.7	35.9	163	1.1	29.9	5.9	159	2.86	165.1	15.6	3.3	50	1.0	12.0	1.3	81	0.08	0.104
1287446	Soil		13.1	25.0	36.1	96	1.3	19.1	3.3	86	2.91	218.3	15.4	2.7	64	0.6	16.8	0.8	88	0.06	0.114
1287447	Soil		13.8	45.2	76.1	125	2.1	21.7	5.3	134	3.10	306.0	102.5	9.5	193	1.1	25.4	1.0	86	0.05	0.143
1287448	Soil		11.1	55.3	40.7	219	1.3	36.2	8.5	266	2.41	226.5	26.9	2.8	55	2.1	15.2	1.0	55	0.08	0.098
1287449	Soil		16.0	34.3	27.3	161	0.8	31.4	3.4	80	1.76	127.7	9.5	1.7	48	1.0	14.6	0.7	90	0.02	0.072
1287450	Soil		10.9	46.2	60.6	114	2.5	12.9	3.4	86	3.52	659.5	103.9	1.9	61	0.5	26.0	3.4	59	0.02	0.145

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 01, 2011

CERTIFICATE OF ANALYSIS WHI11001946.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	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	ppm
	MDL	1	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
1286981	Soil	3	11	0.45	65	0.006	2	0.70	0.018	0.12	<0.1	0.04	0.4	0.2	<0.05	2	1.3	<0.2
1286982	Soil	8	20	0.92	164	0.010	2	1.22	0.011	0.27	0.2	0.02	0.5	0.4	0.05	4	2.1	<0.2
1286983	Soil	14	35	0.38	208	0.011	4	0.97	0.008	0.29	0.7	0.10	0.6	0.6	0.09	3	12.0	<0.2
1286984	Soil	2	3	0.05	55	0.006	<1	0.24	0.022	0.04	<0.1	0.02	0.3	<0.1	0.07	<1	<0.5	<0.2
1286985	Soil	14	25	0.66	109	0.007	2	1.19	0.009	0.17	<0.1	0.06	0.4	0.4	0.06	3	2.5	<0.2
1286986	Soil	6	9	0.08	82	0.003	1	0.42	0.010	0.08	<0.1	0.03	0.2	0.2	<0.05	2	2.1	<0.2
1286987	Soil	8	17	0.43	111	0.009	2	0.94	0.016	0.14	0.3	0.03	0.3	0.3	<0.05	4	2.1	<0.2
1286988	Soil	2	5	0.17	66	0.003	<1	0.39	0.024	0.03	<0.1	0.01	0.2	0.1	<0.05	1	0.7	<0.2
1286989	Soil	5	10	0.40	80	0.006	1	0.56	0.015	0.08	0.1	0.01	0.2	0.1	<0.05	2	<0.5	<0.2
1286990	Soil	8	46	3.13	204	0.093	1	3.76	0.011	0.21	0.2	0.04	3.7	0.3	<0.05	10	2.3	<0.2
1287431	Soil	18	15	0.09	317	0.003	2	0.79	0.006	0.09	0.4	1.99	2.0	0.5	0.10	2	3.4	<0.2
1287432	Soil	21	25	0.13	300	0.005	3	1.30	0.004	0.10	0.4	5.00	3.2	0.8	0.15	3	5.9	<0.2
1287433	Soil	15	17	0.13	208	0.005	2	0.84	0.007	0.08	0.2	0.82	1.6	0.3	0.08	3	2.2	<0.2
1287434	Soil	16	14	0.06	263	0.009	3	0.64	0.004	0.06	0.2	0.45	0.4	0.4	0.06	3	1.8	<0.2
1287435	Soil	19	17	0.13	203	0.004	3	0.77	0.005	0.10	0.3	2.13	2.9	0.4	0.13	2	3.2	<0.2
1287436	Soil	19	17	0.17	154	0.010	2	0.84	0.004	0.07	0.2	1.43	1.2	0.4	0.07	4	1.9	<0.2
1287437	Soil	20	21	0.21	164	0.007	2	0.83	0.004	0.10	0.4	1.12	2.5	0.3	0.23	3	2.8	<0.2
1287438	Soil	30	12	0.09	169	0.003	2	0.69	0.005	0.10	1.1	0.88	1.8	0.3	0.22	3	3.3	0.2
1287439	Soil	17	17	0.16	167	0.007	2	0.76	0.004	0.07	0.5	2.73	1.6	0.5	0.10	3	2.2	<0.2
1287440	Soil	15	10	0.09	173	0.005	3	0.63	0.010	0.07	1.4	7.06	0.7	0.5	0.08	2	3.3	<0.2
1287441	Soil	25	9	0.04	143	0.002	3	0.37	0.007	0.08	9.1	1.27	1.0	0.4	0.09	2	1.4	<0.2
1287442	Soil	28	11	0.05	141	0.002	3	0.50	0.006	0.09	0.3	0.99	1.2	0.4	0.08	3	2.1	<0.2
1287443	Soil	25	15	0.13	348	0.002	3	0.69	0.004	0.09	1.0	5.92	2.3	0.8	0.09	2	4.6	0.2
1287444	Soil	18	15	0.18	445	0.004	3	0.69	0.005	0.11	0.5	3.61	2.6	1.0	0.16	2	4.5	<0.2
1287445	Soil	16	22	0.26	335	0.007	4	1.25	0.005	0.08	0.4	3.51	2.3	0.6	<0.05	3	3.8	<0.2
1287446	Soil	18	16	0.15	334	0.005	3	0.73	0.005	0.10	0.3	3.99	1.4	0.9	0.10	3	6.5	<0.2
1287447	Soil	32	11	0.04	525	0.002	4	0.58	0.005	0.12	0.4	4.49	1.6	2.2	0.18	2	6.6	<0.2
1287448	Soil	18	11	0.10	313	0.002	2	0.64	0.007	0.08	0.3	1.87	1.6	0.8	0.07	2	3.9	<0.2
1287449	Soil	18	11	0.06	271	0.002	3	0.40	0.004	0.07	0.3	1.06	1.1	0.7	<0.05	2	4.4	<0.2
1287450	Soil	18	13	0.08	237	0.003	4	0.64	0.011	0.13	1.3	12.12	0.8	1.9	0.23	2	7.4	0.3

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 01, 2011

CERTIFICATE OF ANALYSIS WHI11001946.1

	Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	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
1286481	Soil		10.6	176.2	108.4	1087	1.9	323.5	34.9	700	6.93	79.9	8.4	6.6	261	1.8	7.8	0.6	114	2.29	0.828
1286482	Soil		18.0	155.2	177.7	473	4.1	106.3	12.4	148	5.29	79.0	8.1	6.2	315	1.4	9.2	0.8	232	1.48	1.048
1286483	Soil		80.3	217.8	117.1	136	14.7	88.3	1.8	29	4.39	67.3	2.1	4.7	217	3.8	24.8	0.6	818	0.69	0.669
1286484	Soil		72.0	136.4	165.7	174	9.4	65.6	2.9	52	4.29	70.0	1.6	3.4	311	4.4	22.3	0.5	603	0.48	0.872
1286485	Soil		21.4	123.2	25.4	191	3.7	57.7	4.4	145	2.40	32.7	3.0	0.2	363	3.2	9.9	0.3	337	0.56	0.622
1286486	Soil		6.0	936.2	34.3	434	2.6	333.7	15.4	1881	6.14	53.2	4.5	2.7	303	3.1	8.4	0.2	201	3.92	0.752
1286487	Soil		18.5	114.5	34.4	150	2.9	43.7	4.3	126	3.89	34.5	3.7	0.5	112	1.0	5.3	0.3	176	0.22	0.452
1286488	Soil		15.0	42.8	19.1	121	1.0	34.0	3.0	57	1.67	20.8	1.1	<0.1	41	0.9	3.2	0.2	93	0.12	0.142
1286489	Soil		53.4	79.4	57.3	116	4.3	32.3	2.4	86	3.16	44.8	3.8	0.8	218	3.0	11.3	0.4	361	0.31	0.635
1286490	Soil		31.0	47.8	78.6	123	2.0	26.6	3.0	214	2.06	20.9	1.8	<0.1	105	1.1	4.9	0.5	223	0.09	0.224
1286391	Soil		7.2	151.7	20.9	296	0.5	604.9	98.4	1084	7.82	232.9	4.6	19.9	160	2.6	6.4	<0.1	157	1.85	0.651
1286392	Soil		7.7	106.7	13.8	300	0.5	415.3	63.6	1040	7.88	201.2	3.6	12.5	162	2.9	4.8	<0.1	168	1.16	0.500
1286393	Soil		5.9	306.6	27.7	156	0.5	952.1	192.4	2111	16.91	50.1	3.0	22.3	649	1.5	3.2	0.1	209	1.39	0.736
1286394	Soil		10.6	110.3	15.1	200	0.3	406.4	60.6	768	6.64	128.7	2.2	9.9	165	1.3	4.1	<0.1	210	1.24	0.532
1286395	Soil		7.8	135.6	17.8	172	0.3	521.3	75.4	814	7.54	127.9	3.9	16.5	203	1.1	4.6	<0.1	193	1.53	0.678
1286396	Soil		11.5	123.1	16.7	263	0.5	462.2	63.5	710	6.89	69.2	2.3	11.5	146	1.3	5.5	0.1	168	1.14	0.566
1286397	Soil		13.7	127.1	15.9	347	0.5	430.1	62.6	1121	7.71	468.6	3.2	14.9	155	3.1	9.8	0.1	186	1.20	0.575
1286398	Soil		13.0	50.8	11.3	309	0.4	127.9	19.1	312	3.49	95.8	1.8	1.6	25	1.9	5.7	0.2	114	0.31	0.181
1286399	Soil		11.3	76.9	14.6	339	0.7	178.4	27.4	471	3.93	79.5	2.1	5.1	75	2.0	5.7	0.2	108	0.64	0.253
1286400	Soil		19.4	59.2	15.2	265	0.4	110.1	15.6	131	3.25	69.6	1.8	0.8	10	0.4	5.4	0.3	124	0.05	0.098
1286381	Soil		122.7	157.4	23.2	3475	4.0	374.5	11.1	320	2.47	195.3	10.0	4.1	189	40.9	52.8	0.2	1069	5.88	0.180
1286382	Soil		27.4	124.3	19.4	600	0.8	408.7	58.7	788	6.65	77.9	2.6	5.5	232	7.3	11.2	0.1	256	5.98	0.397
1286383	Soil		6.5	171.1	15.5	65	0.4	786.1	127.4	1289	11.99	12.0	<0.5	13.1	242	0.6	3.3	<0.1	157	5.49	0.422
1286384	Soil		20.6	117.5	26.0	733	0.9	432.8	78.2	988	7.70	111.1	4.0	9.7	275	6.5	12.6	<0.1	266	6.67	0.407
1286385	Soil		24.9	119.7	21.3	565	0.9	573.1	76.4	1030	8.65	123.2	4.8	8.4	143	5.6	12.8	0.2	234	2.55	0.459
1286386	Soil		21.9	89.4	17.7	388	0.6	371.8	55.4	855	6.98	108.6	1.1	5.5	102	4.2	7.1	0.2	247	1.51	0.417
1286387	Soil		15.5	99.8	21.2	309	0.6	466.7	67.4	977	7.68	145.7	1.8	7.9	134	3.1	8.5	0.1	177	1.95	0.462
1286388	Soil		11.0	118.6	19.3	373	0.5	637.5	80.5	1085	7.84	390.7	5.1	17.3	163	3.7	10.1	0.1	166	2.13	0.651
1286389	Soil		10.8	115.8	18.9	844	0.6	586.5	78.3	763	7.11	284.4	5.7	14.2	151	7.9	7.5	0.1	159	2.03	0.615
1286390	Soil		15.0	135.5	23.2	836	0.7	586.0	84.3	1142	8.77	269.0	5.6	13.7	183	9.4	8.0	0.1	187	2.42	0.611

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 01, 2011

CERTIFICATE OF ANALYSIS WHI11001946.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	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	ppm
		MDL	1	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
1286481	Soil		30	58	0.36	596	0.008	19	0.73	0.004	0.29	<0.1	1.37	8.3	0.5	0.20	2	8.0	0.3
1286482	Soil		31	42	0.08	199	0.011	17	0.85	0.007	0.47	0.2	1.54	5.4	0.9	0.71	3	7.1	0.4
1286483	Soil		31	57	0.06	74	0.013	9	0.69	0.008	0.43	1.2	2.28	5.2	0.8	1.09	4	38.1	0.9
1286484	Soil		30	41	0.09	145	0.015	6	0.67	0.012	0.34	1.1	0.97	4.2	2.0	0.63	3	21.6	1.0
1286485	Soil		16	27	0.10	857	0.004	6	0.91	0.005	0.17	0.3	0.50	0.5	0.7	0.21	2	8.6	0.3
1286486	Soil		28	59	1.75	1079	0.012	5	1.65	0.010	0.17	0.1	1.46	8.2	0.7	0.27	2	5.8	0.2
1286487	Soil		18	34	0.09	233	0.005	3	0.71	0.005	0.37	0.2	0.52	1.0	1.2	0.87	3	6.5	0.2
1286488	Soil		9	15	0.05	373	0.001	3	0.39	0.004	0.14	0.1	0.13	0.1	0.6	0.25	2	2.5	<0.2
1286489	Soil		23	27	0.11	583	0.006	3	0.61	0.005	0.22	0.5	0.34	0.9	1.5	0.38	3	6.6	0.7
1286490	Soil		13	23	0.05	510	0.001	3	0.59	0.006	0.18	0.1	0.14	0.1	1.0	0.30	3	3.7	0.3
1286391	Soil		93	232	0.35	6645	0.007	26	1.49	0.008	0.26	0.1	2.45	28.1	0.5	<0.05	4	0.9	<0.2
1286392	Soil		87	245	0.60	5154	0.005	10	1.65	0.006	0.13	0.1	0.97	26.2	0.4	<0.05	4	0.9	<0.2
1286393	Soil		62	372	0.87	2652	0.009	12	1.62	0.003	0.16	0.1	0.29	56.5	0.3	<0.05	5	1.3	<0.2
1286394	Soil		69	208	0.45	3748	0.007	17	1.59	0.009	0.19	0.2	0.40	18.7	0.5	<0.05	5	1.5	<0.2
1286395	Soil		91	241	0.39	3532	0.009	26	1.71	0.008	0.27	0.2	0.50	26.9	0.5	<0.05	5	1.3	<0.2
1286396	Soil		70	161	0.22	2517	0.008	15	1.25	0.005	0.21	0.2	1.36	19.6	0.4	<0.05	3	1.5	<0.2
1286397	Soil		89	182	0.42	2961	0.005	14	1.35	0.005	0.17	0.1	1.95	18.7	0.5	<0.05	4	2.0	<0.2
1286398	Soil		27	59	0.20	1430	0.003	5	0.88	0.008	0.08	0.1	0.89	3.2	0.4	<0.05	2	2.4	<0.2
1286399	Soil		36	68	0.19	1871	0.003	9	0.77	0.003	0.12	<0.1	3.47	8.3	0.3	<0.05	2	5.1	<0.2
1286400	Soil		22	28	0.07	256	0.004	3	0.69	0.004	0.07	<0.1	0.59	1.3	0.4	<0.05	3	2.5	<0.2
1286381	Soil		17	62	2.94	871	0.012	14	0.60	0.007	0.18	0.4	1.93	4.6	4.3	0.06	2	20.4	<0.2
1286382	Soil		39	150	2.93	899	0.006	13	0.68	0.008	0.14	0.2	0.62	13.8	0.9	0.10	2	3.5	<0.2
1286383	Soil		57	178	2.36	1014	0.010	15	0.54	0.005	0.17	0.1	0.15	21.7	0.4	0.07	2	1.9	<0.2
1286384	Soil		35	148	3.50	992	0.006	13	0.76	0.006	0.14	<0.1	0.96	14.7	0.7	0.11	2	3.4	<0.2
1286385	Soil		62	136	0.70	1428	0.008	9	0.71	0.008	0.12	0.2	0.99	16.3	0.7	<0.05	2	4.5	<0.2
1286386	Soil		64	131	0.17	2211	0.007	8	0.88	0.006	0.09	0.1	0.74	15.2	0.5	<0.05	2	4.4	<0.2
1286387	Soil		67	127	0.26	1695	0.006	10	0.80	0.007	0.10	0.1	1.00	15.1	0.5	<0.05	2	3.1	<0.2
1286388	Soil		110	161	0.28	2288	0.014	14	1.13	0.009	0.14	0.3	2.44	22.0	0.4	<0.05	3	1.9	<0.2
1286389	Soil		89	171	0.26	1897	0.007	15	1.05	0.008	0.15	0.2	2.47	19.1	0.4	<0.05	3	1.5	<0.2
1286390	Soil		84	168	0.55	2658	0.007	12	0.98	0.008	0.13	0.2	4.50	22.2	0.5	<0.05	3	2.7	<0.2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 01, 2011

CERTIFICATE OF ANALYSIS WHI11001946.1

	Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	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
1286921	Soil		7.0	58.4	29.8	165	1.9	42.6	8.2	143	3.14	238.8	42.7	2.2	62	1.5	10.8	0.9	61	0.63	0.129
1286922	Soil		11.2	46.7	17.5	207	1.0	39.5	5.7	124	2.24	36.0	8.7	1.5	85	1.7	7.5	0.2	116	0.23	0.117
1286923	Soil		8.6	77.8	17.0	270	1.3	65.7	8.9	316	3.06	44.7	11.1	1.8	68	2.8	6.9	0.3	66	0.48	0.118
1286924	Soil		6.6	44.1	27.6	156	2.6	36.9	4.2	96	2.14	97.3	44.1	1.3	68	1.6	17.9	0.8	42	0.56	0.082
1286925	Soil		43.1	42.4	44.2	58	8.7	13.0	1.7	31	1.61	57.2	32.3	0.5	82	0.4	17.5	0.4	497	0.06	0.109
1286926	Soil		57.9	54.9	66.6	77	9.3	13.2	1.7	40	4.06	207.1	60.0	1.3	71	0.6	31.2	0.6	418	0.02	0.145
1286927	Soil		16.3	59.4	40.9	235	0.9	34.5	6.4	203	3.99	192.0	10.6	1.3	44	1.9	12.9	0.4	148	0.02	0.107
1286928	Soil		13.1	155.0	83.0	407	2.0	59.0	13.4	226	10.34	325.9	11.1	7.0	262	0.7	24.4	0.8	294	0.03	0.258
1286929	Soil		168.4	68.5	4934	33	31.3	12.5	1.1	31	3.59	342.8	21.8	1.3	191	0.3	105.8	0.6	979	0.06	0.263
1286930	Soil		7.6	20.9	20.2	89	0.8	15.8	3.8	93	1.89	89.9	9.7	<0.1	50	0.4	5.3	0.2	49	0.03	0.097
1287181	Soil		18.4	172.9	51.3	63	2.8	70.8	18.4	494	6.89	42.5	12.6	4.5	81	0.9	5.7	0.3	95	1.04	0.351
1287182	Soil		15.2	98.7	20.2	169	1.0	65.1	18.9	215	3.79	36.5	17.6	4.2	30	0.6	4.2	0.3	89	0.34	0.130
1287183	Soil		14.5	127.1	32.9	928	1.5	54.3	11.6	356	4.56	42.6	6.8	2.0	25	4.9	3.9	0.2	82	0.67	0.156
1287184	Soil		32.3	31.8	24.9	219	0.6	54.3	5.2	91	1.99	31.6	2.1	0.1	20	0.3	5.0	0.3	224	0.05	0.065
1287185	Soil		11.5	32.7	15.2	149	0.3	40.7	8.4	175	2.74	19.3	1.1	0.2	12	0.2	2.2	0.3	70	0.05	0.053
1287186	Soil		58.7	86.7	29.3	752	0.7	160.7	13.7	272	3.40	59.2	3.3	2.1	66	1.9	12.0	0.3	454	0.60	0.101
1287187	Soil		134.8	202.4	28.6	2597	3.3	334.9	6.4	138	1.98	119.4	3.0	2.4	327	29.6	53.4	0.2	1660	10.48	0.141
1287188	Soil		103.8	122.6	35.4	963	2.2	256.1	10.2	161	2.91	64.6	3.2	2.4	186	9.2	20.7	0.2	485	4.35	0.193
1287189	Soil		7.1	60.0	22.5	286	1.0	72.9	11.9	114	2.59	24.1	7.3	3.1	70	3.2	4.0	0.3	91	0.46	0.085
1287190	Soil		4.6	31.4	11.7	153	0.9	28.8	7.4	146	1.87	20.8	6.2	0.7	85	0.9	3.5	0.2	39	1.18	0.077
1288621	Soil		6.1	72.2	42.3	152	0.5	28.0	11.0	279	5.35	20.9	5.2	2.1	80	0.5	3.0	0.4	37	0.06	0.097
1288622	Soil		5.3	41.0	29.0	106	0.7	18.1	6.0	124	3.21	13.7	2.8	0.7	53	0.2	2.6	0.4	42	0.03	0.086
1288623	Soil		36.6	82.5	22.8	138	6.2	29.6	2.8	103	3.16	40.3	8.5	0.7	105	0.9	17.0	0.3	181	0.18	0.430
1288624	Soil		94.6	274.4	43.5	367	9.1	78.9	2.7	107	3.86	110.8	3.0	1.0	198	21.6	64.3	0.4	664	0.49	0.659
1288625	Soil		30.6	126.8	23.3	233	6.2	54.2	8.0	238	3.33	35.9	4.6	0.7	99	2.5	13.2	0.3	234	0.14	0.228
1288626	Soil		14.9	58.6	11.0	93	2.7	19.8	2.7	57	1.43	14.6	1.6	<0.1	49	1.5	8.8	0.2	139	0.08	0.145
1288627	Soil		30.9	94.6	26.1	201	3.6	43.1	6.8	157	3.34	35.4	4.0	0.9	89	1.8	14.1	0.3	294	0.17	0.291
1288628	Soil		14.3	38.1	18.0	148	1.2	41.8	8.1	304	1.68	38.5	5.7	0.7	75	1.9	4.0	0.2	65	0.73	0.121
1288629	Soil		10.9	65.7	16.9	401	1.5	77.7	10.3	388	2.54	48.0	7.5	1.5	90	4.1	6.4	0.2	95	0.46	0.156
1288630	Soil		5.5	28.0	12.9	78	1.0	17.3	4.5	246	1.17	16.7	4.7	0.4	69	2.2	2.2	0.2	66	0.44	0.074

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 01, 2011

CERTIFICATE OF ANALYSIS WHI11001946.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	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	ppm
		MDL	1	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
1286921	Soil		10	19	0.11	981	0.002	3	0.86	0.005	0.06	0.3	4.69	3.1	0.5	<0.05	2	4.1	<0.2
1286922	Soil		7	21	0.07	1697	0.004	3	0.63	0.003	0.07	0.2	0.70	2.4	0.5	<0.05	2	2.9	<0.2
1286923	Soil		7	21	0.20	1791	0.003	3	0.70	0.006	0.06	0.1	1.32	3.1	0.4	<0.05	2	3.4	<0.2
1286924	Soil		10	17	0.12	596	0.002	5	0.51	0.004	0.08	0.2	13.18	2.2	0.5	0.08	1	7.2	0.3
1286925	Soil		9	39	0.03	518	0.005	5	0.50	0.004	0.18	0.4	3.20	1.3	2.5	0.28	4	6.8	0.2
1286926	Soil		7	38	0.03	193	0.004	4	0.57	0.005	0.39	0.4	6.35	1.7	3.2	0.89	4	13.9	0.2
1286927	Soil		5	18	0.03	298	0.002	7	0.51	0.003	0.16	0.2	0.36	2.2	0.8	0.25	2	3.7	<0.2
1286928	Soil		9	51	0.03	481	0.003	3	0.88	0.004	0.17	0.1	0.50	11.2	1.1	0.43	3	5.4	<0.2
1286929	Soil		14	54	0.02	154	0.006	9	0.76	0.007	0.31	4.3	6.03	1.1	17.6	1.00	5	51.4	0.9
1286930	Soil		3	8	0.02	384	0.003	4	0.37	0.013	0.06	0.2	1.38	0.9	0.5	0.08	1	2.5	<0.2
1287181	Soil		15	17	0.17	1232	0.006	12	0.62	0.004	0.18	<0.1	0.84	10.0	0.4	0.21	2	3.6	<0.2
1287182	Soil		19	17	0.14	1488	0.004	8	0.69	0.003	0.12	<0.1	0.24	6.8	0.4	<0.05	2	2.5	<0.2
1287183	Soil		15	14	0.25	1521	0.005	7	0.53	0.003	0.10	<0.1	1.02	5.5	0.3	0.05	2	2.5	<0.2
1287184	Soil		14	19	0.07	159	0.006	2	0.66	0.003	0.07	0.2	0.08	0.7	0.8	<0.05	4	2.0	<0.2
1287185	Soil		10	12	0.08	220	0.007	3	0.78	0.009	0.07	0.1	0.05	1.0	0.3	<0.05	3	1.2	<0.2
1287186	Soil		21	41	0.33	938	0.004	5	1.37	0.004	0.11	0.2	0.49	3.1	1.9	<0.05	3	5.0	0.2
1287187	Soil		18	84	1.48	533	0.022	15	0.64	0.008	0.18	0.7	2.61	3.9	8.1	<0.05	3	9.1	0.2
1287188	Soil		15	42	1.46	443	0.009	10	0.57	0.006	0.14	0.4	1.28	4.5	2.7	<0.05	2	4.7	0.3
1287189	Soil		10	22	0.18	2408	0.002	3	1.09	0.006	0.07	0.1	0.66	4.0	0.4	<0.05	3	4.6	<0.2
1287190	Soil		5	13	0.13	760	0.003	4	0.60	0.009	0.05	0.1	0.29	2.0	0.1	0.05	2	2.7	<0.2
1288621	Soil		2	15	0.05	412	0.003	4	0.68	0.004	0.18	<0.1	0.20	5.0	0.6	0.24	2	3.4	<0.2
1288622	Soil		3	13	0.03	655	0.003	4	0.55	0.006	0.13	<0.1	0.19	1.6	0.5	0.14	2	1.5	<0.2
1288623	Soil		17	45	0.04	270	0.010	6	0.84	0.015	0.22	0.4	0.64	2.7	2.4	0.48	4	20.3	0.4
1288624	Soil		21	91	0.07	312	0.007	10	0.90	0.008	0.19	0.8	24.61	3.7	5.5	0.44	6	90.8	1.4
1288625	Soil		16	71	0.07	849	0.004	3	0.60	0.004	0.11	0.2	0.75	2.2	1.2	0.17	3	19.5	0.3
1288626	Soil		8	29	0.02	710	0.003	2	0.33	0.015	0.06	0.1	0.37	0.5	0.9	0.06	2	10.0	<0.2
1288627	Soil		14	49	0.06	787	0.010	3	0.76	0.005	0.13	0.2	0.84	1.9	1.5	0.17	4	17.9	0.4
1288628	Soil		7	16	0.11	1085	0.002	5	0.70	0.009	0.06	0.1	0.83	1.8	0.5	<0.05	2	3.3	<0.2
1288629	Soil		9	24	0.12	1894	0.002	5	0.67	0.004	0.08	0.2	1.92	3.1	0.5	<0.05	2	4.3	<0.2
1288630	Soil		5	15	0.05	1105	0.003	2	0.55	0.007	0.05	0.1	0.56	1.4	0.3	<0.05	2	2.0	<0.2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 01, 2011

CERTIFICATE OF ANALYSIS WHI11001946.1

	Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	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
1288491	Soil		2.1	56.8	8.5	71	0.6	20.7	3.6	162	1.55	7.5	4.2	0.7	42	0.5	1.2	0.2	46	0.90	0.211
1288492	Soil		2.6	27.2	7.9	75	0.2	11.6	2.9	111	1.03	5.0	2.6	0.1	20	0.4	1.1	0.2	37	0.20	0.107
1288493	Soil		3.7	36.9	13.4	94	0.2	15.7	3.7	91	1.67	9.7	1.2	0.1	17	0.2	1.7	0.2	58	0.06	0.087
1288494	Soil		4.6	42.9	13.2	86	0.4	18.9	4.8	289	1.65	8.8	6.0	0.2	28	0.6	1.5	0.3	68	0.26	0.102
1288495	Soil		3.2	37.1	15.1	132	0.2	22.2	5.7	274	2.42	11.2	4.4	0.9	37	1.1	1.7	0.3	82	0.39	0.117
1288496	Soil		6.5	126.5	22.6	286	1.5	57.2	12.8	858	3.80	18.4	16.1	1.1	95	2.7	3.6	0.3	84	0.80	0.255
1288497	Soil		9.1	38.0	19.2	148	1.2	35.2	5.0	146	3.07	21.7	2.5	0.3	36	1.8	3.3	0.3	77	0.07	0.202
1288498	Soil		4.5	26.2	19.9	159	0.3	28.8	7.7	287	3.55	45.7	2.7	0.8	20	0.9	2.2	0.5	58	0.06	0.171
1288499	Soil		5.6	70.2	19.2	252	1.6	51.1	8.4	281	3.18	21.0	6.6	1.3	43	3.8	3.0	0.3	78	0.16	0.231
1288500	Soil		8.0	28.2	15.5	208	0.2	38.6	8.4	232	2.69	19.8	2.3	1.6	42	1.2	2.3	0.3	51	0.27	0.091
1289201	Soil		33.9	42.0	71.3	92	3.9	15.8	2.5	49	2.76	195.3	22.7	3.3	241	0.6	33.0	0.5	262	0.13	0.423
1289202	Soil		51.0	63.9	62.5	211	3.9	44.5	3.5	61	3.00	279.2	23.2	2.4	233	1.0	36.1	0.4	432	0.13	0.420
1289203	Soil		30.5	41.4	66.3	77	3.7	15.2	2.3	60	2.91	207.9	11.8	4.5	262	0.7	34.4	0.5	253	0.18	0.478
1289204	Soil		6.4	45.0	36.7	143	1.0	27.2	7.8	174	3.87	327.4	22.3	4.0	57	0.9	15.7	0.7	48	0.04	0.122
1289205	Soil		3.8	50.5	27.1	140	0.5	30.9	6.1	124	3.68	86.1	1.6	4.3	26	1.1	4.7	0.4	86	0.03	0.089
1289206	Soil		3.0	116.1	24.4	280	0.2	63.7	21.1	221	3.46	56.8	1.1	6.9	34	1.2	3.0	0.4	93	0.05	0.075
1289207	Soil		6.8	174.6	41.2	193	1.6	42.1	11.2	125	6.00	582.3	8.1	10.4	104	1.2	13.1	0.5	139	0.06	0.146
1289208	Soil		127.7	112.0	9.9	1364	1.5	328.6	14.2	344	2.43	89.6	2.3	2.8	163	38.2	24.3	0.1	184	4.68	0.084
1289209	Soil		132.6	123.6	14.3	1486	2.5	295.2	6.5	120	1.89	88.8	3.0	1.4	120	16.1	31.7	0.2	1094	3.23	0.114
1289210	Soil		112.8	79.7	11.6	849	2.2	373.2	16.5	284	2.98	71.6	3.1	2.5	122	8.0	12.0	0.2	145	2.45	0.095
1286201	Soil		4.1	46.1	11.1	489	0.7	70.5	12.5	112	3.39	16.6	2.6	1.8	73	5.6	2.2	0.2	59	0.89	0.137
1286202	Soil		11.0	32.0	17.4	210	1.1	57.6	11.2	304	3.41	26.6	2.4	2.4	58	1.5	2.8	0.2	82	0.48	0.113
1286203	Soil		3.8	54.0	13.8	191	1.1	46.9	7.9	234	1.91	11.2	4.6	1.2	96	4.0	2.3	0.2	52	1.41	0.105
1286204	Soil		4.0	54.3	16.7	180	0.9	63.9	13.4	351	3.07	11.7	4.9	2.2	67	1.0	1.7	0.3	17	1.09	0.044
1286205	Soil		10.6	56.6	13.6	270	0.8	53.1	8.2	151	2.31	29.0	6.6	3.6	74	2.3	6.0	0.2	89	0.47	0.136
1286206	Soil		4.7	67.8	15.6	200	0.9	43.0	10.0	443	2.28	18.8	7.4	1.6	118	1.6	2.8	0.3	69	1.24	0.089
1286207	Soil		4.5	71.0	19.1	305	1.2	54.2	7.3	181	2.40	20.6	5.9	1.9	118	4.2	2.8	0.3	97	1.05	0.110
1286208	Soil		8.8	75.3	16.4	285	1.0	68.6	8.6	211	2.26	22.1	7.5	2.3	102	2.1	3.9	0.3	86	0.84	0.080
1286209	Soil		3.7	59.0	12.4	319	1.0	59.8	9.0	647	2.47	15.7	5.5	1.2	92	3.7	2.2	0.2	54	1.60	0.123
1286210	Soil		3.9	45.2	15.3	208	0.7	63.7	12.8	846	3.41	15.0	7.0	2.9	71	1.8	1.5	0.3	50	0.61	0.099

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 01, 2011

CERTIFICATE OF ANALYSIS WHI11001946.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	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	ppm
	MDL	1	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
1288491	Soil	11	15	0.20	1425	0.008	5	1.15	0.013	0.08	<0.1	0.29	1.4	0.2	0.11	3	1.3	<0.2
1288492	Soil	6	9	0.07	232	0.004	5	0.55	0.013	0.09	<0.1	0.05	0.3	0.1	<0.05	3	0.9	<0.2
1288493	Soil	10	14	0.09	153	0.004	4	0.76	0.006	0.10	<0.1	0.04	0.3	0.2	<0.05	5	0.9	<0.2
1288494	Soil	14	19	0.15	499	0.008	4	1.00	0.007	0.11	0.1	0.11	0.8	0.3	<0.05	4	1.1	<0.2
1288495	Soil	15	25	0.25	467	0.012	4	1.37	0.005	0.12	0.2	0.14	1.7	0.3	<0.05	5	1.3	<0.2
1288496	Soil	15	22	0.30	597	0.007	7	1.33	0.009	0.18	<0.1	0.37	2.5	0.3	0.12	4	2.5	<0.2
1288497	Soil	7	29	0.12	885	0.004	5	1.08	0.009	0.09	0.1	0.35	0.7	0.3	0.07	4	3.4	<0.2
1288498	Soil	8	24	0.15	639	0.004	2	1.27	0.006	0.06	0.2	0.09	1.3	0.3	<0.05	4	1.7	<0.2
1288499	Soil	12	32	0.18	2817	0.004	9	1.68	0.009	0.12	0.1	0.53	3.6	0.4	0.05	4	3.4	<0.2
1288500	Soil	7	21	0.21	1760	0.002	3	0.98	0.005	0.05	<0.1	0.09	2.0	0.1	<0.05	3	1.5	<0.2
1289201	Soil	18	36	0.02	913	0.003	9	0.65	0.004	0.19	1.1	9.80	4.3	1.6	0.30	3	15.7	<0.2
1289202	Soil	15	47	0.03	886	0.003	9	0.82	0.005	0.17	1.1	9.95	4.1	1.6	0.26	3	16.9	0.2
1289203	Soil	20	37	0.02	875	0.003	9	0.68	0.005	0.18	1.2	10.66	4.9	1.6	0.29	3	15.8	0.2
1289204	Soil	24	16	0.10	530	0.004	5	0.63	0.005	0.12	0.6	3.68	3.2	0.6	0.13	2	3.1	<0.2
1289205	Soil	27	24	0.16	226	0.002	2	1.07	0.006	0.08	0.3	0.33	2.7	0.2	<0.05	3	1.0	<0.2
1289206	Soil	36	20	0.18	389	0.002	2	1.06	0.004	0.11	0.2	0.15	3.9	0.2	<0.05	2	1.3	<0.2
1289207	Soil	27	34	0.18	358	0.002	2	1.10	0.004	0.11	0.3	0.57	7.1	0.4	0.13	3	2.8	<0.2
1289208	Soil	12	21	1.55	552	0.003	8	0.68	0.005	0.09	0.7	0.66	4.0	2.9	<0.05	<1	4.2	<0.2
1289209	Soil	22	61	1.15	430	0.006	12	0.86	0.006	0.19	0.5	0.96	3.8	3.0	<0.05	3	6.0	<0.2
1289210	Soil	15	30	0.66	629	0.002	6	0.58	0.004	0.10	0.6	0.80	6.3	3.8	<0.05	1	6.2	<0.2
1286201	Soil	9	22	0.19	1966	0.005	5	1.05	0.009	0.06	0.1	0.42	3.0	0.2	0.10	2	6.1	<0.2
1286202	Soil	13	31	0.23	4113	0.006	5	1.56	0.007	0.06	0.1	0.28	3.8	0.2	<0.05	3	1.1	<0.2
1286203	Soil	8	20	0.22	1900	0.004	6	0.97	0.010	0.07	<0.1	0.36	2.8	0.2	0.10	2	3.2	<0.2
1286204	Soil	13	16	0.22	2533	0.001	5	0.68	0.007	0.06	<0.1	0.18	4.2	0.1	0.06	1	1.8	<0.2
1286205	Soil	15	20	0.20	2153	0.006	5	0.76	0.005	0.10	0.2	0.48	3.2	0.3	<0.05	2	1.9	<0.2
1286206	Soil	7	26	0.26	1298	0.003	4	1.02	0.008	0.08	0.1	0.45	2.7	0.2	0.05	3	2.4	<0.2
1286207	Soil	10	26	0.25	1254	0.003	4	1.21	0.008	0.11	<0.1	0.71	3.6	0.4	0.05	3	2.4	<0.2
1286208	Soil	10	23	0.20	990	0.003	5	0.99	0.009	0.09	0.1	0.66	3.9	0.3	<0.05	3	2.1	<0.2
1286209	Soil	8	23	0.25	1535	0.003	8	0.99	0.009	0.09	<0.1	0.64	2.7	0.2	0.12	2	4.0	<0.2
1286210	Soil	9	32	0.55	1134	0.003	2	1.63	0.007	0.08	<0.1	0.43	4.1	0.2	<0.05	4	1.8	<0.2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 01, 2011

CERTIFICATE OF ANALYSIS WHI11001946.1

Method		WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	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
1289111	Soil		4.1	30.6	23.5	118	0.2	29.0	11.2	448	4.31	23.2	1.0	1.8	29	0.4	1.4	0.3	53	0.03	0.117
1289112	Soil		5.7	25.9	19.2	114	0.2	27.7	6.4	213	3.65	21.2	0.7	0.6	17	0.3	2.1	0.3	68	0.03	0.079
1289113	Soil		5.4	25.2	21.7	122	<0.1	27.1	8.1	348	3.86	24.6	1.2	0.3	15	0.4	2.0	0.3	73	0.04	0.121
1289114	Soil		5.1	105.6	13.4	193	1.2	52.3	7.3	255	2.47	14.9	10.4	1.6	75	1.8	2.3	0.3	56	1.14	0.083
1289115	Soil		4.6	29.9	11.1	104	0.5	18.1	4.1	123	1.54	10.3	7.3	0.7	24	1.1	1.7	0.2	54	0.23	0.061
1289116	Soil		8.1	57.1	13.8	222	1.5	45.9	7.5	222	2.37	19.4	6.8	2.5	95	1.9	5.8	0.2	143	0.68	0.152
1289117	Soil		6.7	41.2	12.9	203	1.7	34.3	7.3	269	1.95	15.5	6.3	1.8	110	1.9	5.0	0.2	112	0.95	0.138
1289118	Soil		8.6	59.8	15.7	316	1.4	56.7	10.9	471	2.66	24.0	7.2	3.1	93	3.2	6.7	0.2	134	0.50	0.158
1289119	Soil		3.0	42.1	12.8	172	1.8	40.3	7.1	246	2.09	17.1	12.0	1.2	69	1.1	3.9	0.2	92	1.80	0.126
1289120	Soil		1.7	26.6	8.8	122	0.8	26.5	5.0	190	1.46	10.9	5.0	0.6	81	1.1	2.0	0.1	32	2.48	0.133

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 01, 2011

CERTIFICATE OF ANALYSIS WHI11001946.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	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	ppm
	MDL	1	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
1289111	Soil	4	25	0.31	393	0.003	3	1.48	0.008	0.10	<0.1	0.07	2.5	0.2	<0.05	5	1.2	<0.2
1289112	Soil	7	23	0.18	224	0.007	3	1.14	0.006	0.07	0.1	0.06	1.2	0.2	<0.05	5	1.5	<0.2
1289113	Soil	7	24	0.21	256	0.006	2	1.13	0.006	0.07	0.1	0.07	0.7	0.2	<0.05	5	0.9	<0.2
1289114	Soil	7	28	0.27	1235	0.003	5	1.24	0.013	0.09	<0.1	0.42	3.7	0.3	0.07	3	2.0	<0.2
1289115	Soil	6	17	0.10	663	0.005	3	0.69	0.011	0.06	0.2	0.13	1.3	0.2	<0.05	3	0.6	<0.2
1289116	Soil	12	26	0.21	2464	0.004	6	1.05	0.006	0.12	0.2	0.72	3.2	0.4	0.05	3	3.3	<0.2
1289117	Soil	9	21	0.18	1473	0.003	4	0.93	0.007	0.09	0.2	0.65	2.5	0.4	0.11	3	4.4	<0.2
1289118	Soil	12	26	0.21	2038	0.003	5	1.14	0.006	0.13	0.2	0.94	3.4	0.4	0.10	3	4.6	<0.2
1289119	Soil	15	30	0.23	2014	0.004	4	0.96	0.007	0.08	0.1	5.97	2.7	0.2	0.10	3	2.6	<0.2
1289120	Soil	8	17	0.15	1034	0.004	2	0.68	0.014	0.04	<0.1	1.37	1.6	0.1	0.13	1	1.9	<0.2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 01, 2011

QUALITY CONTROL REPORT WHI11001946.1

		Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.01	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
Pulp Duplicates																						
1286907	Soil			6.7	55.8	23.7	428	0.8	92.9	23.5	2988	2.67	178.6	12.8	3.5	30	8.3	14.0	0.3	65	0.12	0.070
REP 1286907	QC			7.1	51.3	22.6	409	0.8	90.4	22.9	2882	2.60	171.1	12.3	3.4	29	8.6	13.2	0.3	59	0.12	0.066
1286944	Soil			4.7	38.5	13.1	81	0.5	17.9	4.5	100	2.40	162.7	15.3	1.0	26	0.2	5.6	1.3	50	0.07	0.074
REP 1286944	QC			4.9	40.3	13.4	83	0.6	18.9	4.3	101	2.49	166.1	12.0	1.0	26	0.2	5.9	1.4	52	0.07	0.076
1284292	Soil			7.3	22.4	29.4	64	2.2	17.3	4.0	94	1.73	18.6	1.3	0.2	48	0.5	2.2	0.3	66	0.04	0.076
REP 1284292	QC			6.7	21.6	32.0	64	2.2	18.0	4.0	95	1.74	18.1	2.1	0.2	48	0.4	2.1	0.2	69	0.03	0.074
1288556	Soil			3.5	23.0	10.2	85	1.0	20.8	3.0	47	1.58	8.2	1.8	0.7	29	0.4	1.0	0.1	42	0.05	0.048
REP 1288556	QC			4.0	22.7	10.7	84	1.1	20.8	3.1	49	1.52	7.4	2.4	0.9	30	0.5	1.1	0.2	44	0.05	0.050
1286960	Soil			7.0	69.7	14.2	1710	1.4	94.6	6.6	109	1.99	18.6	2.3	2.7	14	4.6	5.2	0.1	155	0.42	0.150
REP 1286960	QC			6.9	66.5	13.2	1656	1.4	91.6	6.3	103	1.90	17.6	1.5	2.7	13	4.5	4.9	0.1	152	0.40	0.155
1286988	Soil			1.1	8.8	3.5	23	0.3	4.7	0.8	23	0.38	3.8	<0.5	0.1	11	0.3	0.5	<0.1	17	0.23	0.100
REP 1286988	QC			1.2	9.0	3.6	23	0.4	4.5	0.8	24	0.40	3.9	<0.5	<0.1	12	0.3	0.6	<0.1	17	0.23	0.098
1287439	Soil			7.4	58.3	34.3	90	1.0	17.1	4.0	96	3.49	201.6	17.3	1.9	37	0.4	9.3	1.4	57	0.03	0.074
REP 1287439	QC			8.0	62.2	35.1	98	1.1	18.3	4.3	103	3.71	211.9	19.0	2.1	38	0.2	9.7	1.5	62	0.03	0.078
1286395	Soil			7.8	135.6	17.8	172	0.3	521.3	75.4	814	7.54	127.9	3.9	16.5	203	1.1	4.6	<0.1	193	1.53	0.678
REP 1286395	QC			7.7	135.7	17.6	165	0.4	518.0	74.0	781	7.42	129.3	2.9	16.5	192	1.1	4.7	<0.1	186	1.51	0.665
1287182	Soil			15.2	98.7	20.2	169	1.0	65.1	18.9	215	3.79	36.5	17.6	4.2	30	0.6	4.2	0.3	89	0.34	0.130
REP 1287182	QC			15.2	99.3	20.4	177	1.0	67.1	18.8	211	3.69	37.5	7.2	4.1	30	0.8	4.3	0.3	89	0.34	0.132
1287188	Soil			103.8	122.6	35.4	963	2.2	256.1	10.2	161	2.91	64.6	3.2	2.4	186	9.2	20.7	0.2	485	4.35	0.193
REP 1287188	QC			103.3	126.2	36.3	990	2.3	257.1	10.5	163	2.89	63.9	1.6	2.3	191	9.9	20.7	0.2	477	4.29	0.197
1288492	Soil			2.6	27.2	7.9	75	0.2	11.6	2.9	111	1.03	5.0	2.6	0.1	20	0.4	1.1	0.2	37	0.20	0.107
REP 1288492	QC			2.7	29.2	8.1	78	0.2	12.2	3.0	114	1.08	5.3	1.4	0.2	21	0.4	1.2	0.2	39	0.22	0.114
1289114	Soil			5.1	105.6	13.4	193	1.2	52.3	7.3	255	2.47	14.9	10.4	1.6	75	1.8	2.3	0.3	56	1.14	0.083
REP 1289114	QC			5.2	107.0	14.0	194	1.3	51.8	7.2	257	2.51	15.3	7.7	1.6	74	1.6	2.4	0.3	58	1.14	0.082
Reference Materials																						
STD DS8	Standard			13.2	110.8	127.7	302	1.8	38.4	7.6	593	2.36	26.3	108.7	7.2	71	2.4	5.8	6.8	43	0.69	0.073
STD DS8	Standard			12.9	103.3	112.8	285	1.6	34.4	7.2	554	2.27	23.2	97.1	6.9	70	2.1	5.1	5.9	42	0.69	0.076
STD DS8	Standard			14.9	115.5	125.5	320	1.9	40.9	8.0	630	2.50	24.8	114.7	7.1	74	2.4	5.6	6.5	44	0.72	0.081

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 01, 2011

QUALITY CONTROL REPORT WHI11001946.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	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	ppm
	MDL	1	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																		
1286907	Soil	15	17	0.15	545	0.002	4	0.87	0.005	0.09	0.1	1.27	2.7	0.4	<0.05	2	1.8	<0.2
REP 1286907	QC	15	16	0.14	509	0.003	4	0.80	0.005	0.08	0.2	1.18	2.6	0.4	<0.05	2	2.5	<0.2
1286944	Soil	10	12	0.15	153	0.011	2	0.76	0.019	0.11	0.6	0.69	1.4	0.4	0.09	3	1.6	<0.2
REP 1286944	QC	11	12	0.15	155	0.013	2	0.77	0.023	0.11	0.6	0.76	1.4	0.5	0.12	3	1.5	<0.2
1284292	Soil	6	14	0.06	303	0.003	3	0.54	0.004	0.05	0.1	0.12	0.4	0.4	<0.05	3	2.2	<0.2
REP 1284292	QC	6	14	0.06	320	0.005	2	0.53	0.005	0.05	0.1	0.12	0.6	0.4	<0.05	3	2.8	<0.2
1288556	Soil	5	11	0.06	1252	0.002	2	0.86	0.013	0.06	<0.1	0.09	1.7	0.2	<0.05	3	0.9	<0.2
REP 1288556	QC	5	11	0.06	1361	0.003	3	0.92	0.019	0.08	<0.1	0.09	1.8	0.2	<0.05	3	1.0	<0.2
1286960	Soil	16	27	1.35	165	0.031	2	1.63	0.007	0.21	1.4	0.08	1.9	0.5	<0.05	4	1.1	<0.2
REP 1286960	QC	16	27	1.36	171	0.029	2	1.57	0.007	0.22	<0.1	0.07	1.8	0.5	<0.05	4	1.0	<0.2
1286988	Soil	2	5	0.17	66	0.003	<1	0.39	0.024	0.03	<0.1	0.01	0.2	0.1	<0.05	1	0.7	<0.2
REP 1286988	QC	2	5	0.16	65	0.003	<1	0.39	0.022	0.03	<0.1	0.01	0.2	0.1	<0.05	1	0.5	<0.2
1287439	Soil	17	17	0.16	167	0.007	2	0.76	0.004	0.07	0.5	2.73	1.6	0.5	0.10	3	2.2	<0.2
REP 1287439	QC	18	19	0.17	184	0.008	3	0.82	0.004	0.08	0.5	2.68	1.8	0.5	0.09	4	2.6	<0.2
1286395	Soil	91	241	0.39	3532	0.009	26	1.71	0.008	0.27	0.2	0.50	26.9	0.5	<0.05	5	1.3	<0.2
REP 1286395	QC	87	227	0.38	3495	0.008	23	1.62	0.008	0.25	0.2	0.47	26.4	0.5	<0.05	5	0.9	<0.2
1287182	Soil	19	17	0.14	1488	0.004	8	0.69	0.003	0.12	<0.1	0.24	6.8	0.4	<0.05	2	2.5	<0.2
REP 1287182	QC	18	16	0.13	1374	0.005	6	0.64	0.003	0.11	<0.1	0.24	6.9	0.4	<0.05	1	3.2	<0.2
1287188	Soil	15	42	1.46	443	0.009	10	0.57	0.006	0.14	0.4	1.28	4.5	2.7	<0.05	2	4.7	0.3
REP 1287188	QC	15	39	1.51	439	0.008	9	0.58	0.006	0.15	0.4	1.34	4.4	2.8	<0.05	2	5.8	<0.2
1288492	Soil	6	9	0.07	232	0.004	5	0.55	0.013	0.09	<0.1	0.05	0.3	0.1	<0.05	3	0.9	<0.2
REP 1288492	QC	6	9	0.07	234	0.004	5	0.58	0.018	0.09	<0.1	0.05	0.3	0.1	<0.05	3	0.9	<0.2
1289114	Soil	7	28	0.27	1235	0.003	5	1.24	0.013	0.09	<0.1	0.42	3.7	0.3	0.07	3	2.0	<0.2
REP 1289114	QC	7	29	0.28	1312	0.003	4	1.22	0.009	0.09	<0.1	0.40	3.8	0.3	0.07	3	1.5	<0.2
Reference Materials																		
STD DS8	Standard	17	118	0.60	292	0.126	3	0.96	0.106	0.46	2.8	0.18	2.9	5.7	0.16	5	4.8	5.3
STD DS8	Standard	16	112	0.57	269	0.129	3	0.94	0.111	0.41	2.6	0.20	3.3	4.8	0.10	4	4.6	4.7
STD DS8	Standard	16	123	0.61	284	0.130	2	0.99	0.115	0.42	3.0	0.21	3.2	5.7	0.12	5	4.9	5.8

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 01, 2011

QUALITY CONTROL REPORT WHI11001946.1

		WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	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
STD DS8	Standard		12.8	107.0	121.6	294	1.6	36.8	7.4	570	2.27	24.2	104.7	7.1	68	2.4	5.4	6.4	40	0.68	0.072
STD DS8	Standard		12.1	101.9	123.8	284	1.8	33.3	6.9	560	2.30	23.4	103.2	7.0	69	2.3	5.4	6.8	39	0.64	0.073
STD DS8	Standard		14.4	112.3	132.0	309	1.8	39.2	7.6	616	2.46	26.7	116.0	7.7	77	2.6	5.8	7.2	44	0.73	0.076
STD DS8	Standard		13.1	111.5	124.8	312	1.8	38.8	7.7	614	2.49	25.8	104.9	6.4	72	2.3	5.5	6.3	43	0.69	0.074
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
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
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
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
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
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
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
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

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 01, 2011

QUALITY CONTROL REPORT WHI11001946.1

		1DX15 La ppm 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	16	115	0.59	276	0.129	3	0.93	0.102	0.39	3.0	0.18	2.4	5.2	0.13	4	4.1	4.8
STD DS8	Standard	15	107	0.57	274	0.118	3	0.89	0.094	0.38	2.7	0.19	2.0	5.5	0.13	4	4.2	5.1
STD DS8	Standard	18	121	0.61	294	0.133	3	0.98	0.118	0.43	3.2	0.20	2.8	5.6	0.13	5	5.3	4.9
STD DS8	Standard	15	121	0.61	274	0.115	3	0.98	0.096	0.44	3.0	0.21	2.9	5.5	0.15	5	4.8	5.3
STD DS8 Expected		14.6	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	<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	<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	<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	<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	<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	<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	<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

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.

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

www.acmelab.com

Client: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Submitted By: Linda Dandy
Receiving Lab: Canada-Whitehorse
Received: September 22, 2011
Report Date: December 05, 2011
Page: 1 of 9

CERTIFICATE OF ANALYSIS WHI11001945.1

CLIENT JOB INFORMATION

Project: Oro Property
Shipment ID: #30
P.O. Number
Number of Samples:

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT-SOIL Store Soil Reject - RJSV Charges Apply

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
S230	236	Sieve soil to 230 mesh			VAN
RJSV	236	Saving all or part of Soil Reject			VAN
1DX2	233	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Colorado Resources Ltd.
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6
Canada

CC: Dugald Dunlop
Adam Travis

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 05, 2011

CERTIFICATE OF ANALYSIS WHI11001945.1

		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
1279101	Soil		9.0	50.5	61.1	99	5.3	13.6	3.0	48	6.68	646.4	133.9	1.5	21	0.4	44.7	3.4	45	0.06	0.173	17
1279102	Soil		15.5	71.0	95.0	152	5.2	15.1	3.5	43	12.22	1375	257.3	5.9	81	0.3	94.1	4.6	58	0.02	0.205	22
1279103	Soil		13.1	46.6	112.5	126	7.1	13.2	2.7	22	11.77	1851	553.2	10.6	163	0.4	156.5	5.2	54	0.01	0.230	25
1279104	Soil		6.2	40.2	85.3	325	5.0	37.6	6.6	21	14.07	2172	757.4	12.2	164	0.5	177.6	4.5	48	0.02	0.274	26
1279105	Soil		2.8	82.4	39.0	359	3.4	48.2	6.6	18	23.18	1442	628.3	12.5	36	0.6	123.6	4.4	46	0.03	0.201	17
1279106	Soil		6.5	53.9	110.1	116	4.4	18.5	4.2	68	10.05	1760	286.6	11.8	119	0.4	98.8	3.4	40	0.02	0.204	23
1288701	Soil		42.4	57.7	12.8	485	2.3	111.8	8.9	211	1.48	96.0	5.0	1.1	87	22.7	23.9	0.2	333	0.07	0.084	13
1288702	Soil		30.7	42.4	15.6	430	2.4	62.8	3.1	75	2.02	92.5	3.7	1.9	109	21.6	25.5	0.3	267	0.13	0.086	12
1288703	Soil		23.0	40.1	15.7	348	1.4	77.9	7.9	201	3.09	60.7	5.3	1.0	32	1.4	9.6	0.3	136	0.13	0.146	16
1288704	Soil		91.0	36.1	24.2	140	4.9	19.6	2.1	60	2.41	92.7	4.0	2.7	89	1.1	75.6	0.5	185	0.03	0.137	17
1288705	Soil		63.8	38.4	31.7	45	4.4	9.0	1.0	31	1.83	65.4	3.3	3.5	63	1.0	52.1	0.5	114	0.03	0.119	16
1288706	Soil		95.1	45.3	29.5	122	4.5	23.7	1.6	36	2.44	110.3	7.1	4.0	127	1.2	97.6	0.5	194	0.05	0.167	21
1288707	Soil		191.6	66.6	13.7	181	1.7	213.5	6.0	17	2.20	140.6	2.9	2.0	48	0.9	83.4	0.2	219	0.08	0.049	7
1288708	Soil		38.6	42.7	14.2	82	2.8	23.9	1.5	17	1.20	48.3	6.7	0.5	70	0.8	26.4	0.3	176	0.03	0.113	13
1288709	Soil		57.0	43.2	17.9	135	2.8	26.7	2.0	25	1.61	74.8	7.0	0.5	96	1.2	37.4	0.3	233	0.03	0.128	15
1288710	Soil		90.5	81.2	24.6	53	4.1	16.5	0.7	20	2.09	308.0	17.4	1.3	228	9.1	50.8	0.3	320	0.04	0.255	16
1288711	Soil		71.2	79.1	19.2	45	2.9	8.5	0.6	14	1.41	164.2	19.0	1.3	216	3.1	39.9	0.2	258	0.05	0.157	17
1288712	Soil		35.1	22.9	87.4	68	2.5	5.4	0.5	19	1.67	236.8	245.1	19.7	509	2.5	112.4	0.6	125	0.06	0.192	87
1288713	Soil		37.0	24.2	92.4	71	2.7	6.0	0.6	22	1.75	263.3	295.3	18.4	483	2.6	114.1	0.6	131	0.06	0.202	91
1288714	Soil		25.8	68.6	119.8	22	4.8	4.9	0.5	9	0.77	62.6	33.0	2.7	137	0.6	61.3	0.3	186	0.03	0.078	17
1288715	Soil		19.8	70.6	245.9	11	7.1	2.8	0.2	4	0.69	30.2	9.2	2.5	99	1.2	51.5	0.6	116	0.02	0.040	10
1288716	Soil		61.9	50.7	206.1	98	3.1	21.2	1.8	38	3.34	240.2	26.2	4.7	239	1.5	81.7	0.5	207	0.06	0.146	9
1288717	Soil		51.4	41.4	120.8	91	2.8	17.5	2.2	44	2.82	261.0	29.2	2.6	151	1.4	85.0	0.4	220	0.04	0.112	11
1288718	Soil		83.9	74.3	155.9	91	6.1	21.8	1.6	49	2.91	330.5	26.8	4.1	155	2.4	73.1	0.4	424	0.05	0.282	12
1288719	Soil		87.4	81.0	179.0	79	6.6	19.3	1.4	50	2.90	353.9	27.9	4.8	158	3.4	82.0	0.4	482	0.05	0.308	15
1288720	Soil		43.2	51.7	73.5	210	3.2	53.2	5.4	170	2.50	232.3	72.1	3.1	102	1.5	62.6	0.4	277	0.11	0.207	19
1281921	Soil		40.6	68.3	15.6	314	0.6	118.3	8.1	101	1.91	25.3	2.6	0.8	57	2.2	4.9	0.2	59	0.53	0.166	12
1281922	Soil		19.1	21.4	15.0	67	0.5	18.9	2.6	35	1.05	13.2	1.1	0.2	14	<0.1	3.3	0.2	103	0.02	0.050	12
1281923	Soil		1.0	2.4	1.9	7	0.6	2.1	0.4	9	0.18	0.7	<0.5	<0.1	5	<0.1	0.2	<0.1	9	0.03	0.039	1
1281924	Soil		7.0	13.8	14.0	43	0.2	12.3	2.3	65	1.03	9.1	0.6	0.3	21	<0.1	1.4	0.2	52	0.03	0.100	6

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 05, 2011

CERTIFICATE OF ANALYSIS WHI11001945.1

	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
1279101	Soil	15	0.04	166	0.005	6	0.81	0.006	0.10	1.3	16.35	0.6	1.9	0.19	5	13.8	0.4
1279102	Soil	21	0.08	328	0.009	5	0.71	0.014	0.29	1.7	27.87	1.6	5.0	0.67	5	25.0	0.4
1279103	Soil	20	0.05	118	0.003	7	0.60	0.017	0.42	1.7	31.57	2.1	7.9	1.45	4	26.3	0.4
1279104	Soil	28	0.03	84	0.003	16	0.80	0.013	0.57	3.0	28.19	3.4	3.2	2.12	5	21.0	<0.2
1279105	Soil	19	0.03	157	0.004	15	0.94	0.005	0.18	3.5	>50	2.6	1.5	0.46	7	21.8	0.2
1279106	Soil	14	0.10	107	0.005	11	0.65	0.022	0.51	10.6	23.57	2.7	5.0	1.53	3	11.7	<0.2
1288701	Soil	26	0.03	718	0.003	7	0.55	0.004	0.14	1.1	2.17	1.7	3.1	0.23	2	7.0	<0.2
1288702	Soil	38	0.03	481	0.007	10	0.48	0.004	0.23	1.0	1.93	1.7	4.3	0.53	2	9.3	<0.2
1288703	Soil	18	0.06	616	0.007	4	0.54	0.006	0.08	0.5	0.79	1.1	0.8	0.07	2	4.6	<0.2
1288704	Soil	23	0.02	495	0.003	7	0.44	0.003	0.23	3.9	1.43	1.9	12.6	0.47	3	94.4	0.7
1288705	Soil	21	0.02	539	0.003	7	0.35	0.003	0.24	2.5	1.04	2.0	14.2	0.47	2	90.5	0.7
1288706	Soil	34	0.02	975	0.004	10	0.38	0.003	0.28	4.4	1.30	2.3	14.4	0.54	3	97.7	0.9
1288707	Soil	19	0.01	408	0.001	4	0.22	0.002	0.07	2.0	1.28	3.1	4.6	0.11	<1	15.5	0.4
1288708	Soil	20	0.02	331	0.003	4	0.51	0.011	0.09	1.3	3.35	0.7	2.8	0.12	3	14.4	0.2
1288709	Soil	31	0.03	400	0.003	6	0.50	0.009	0.12	3.9	3.61	0.8	3.8	0.17	3	21.0	0.4
1288710	Soil	39	0.02	426	0.005	6	0.64	0.006	0.16	2.8	6.55	2.3	7.5	0.27	5	>100	0.5
1288711	Soil	32	0.02	401	0.003	5	0.48	0.007	0.14	3.4	3.88	1.9	6.8	0.25	4	73.0	0.5
1288712	Soil	21	0.01	307	0.001	6	0.53	0.004	0.18	2.9	>50	1.1	6.6	0.35	3	20.7	0.6
1288713	Soil	28	0.02	362	0.001	8	0.54	0.004	0.19	3.4	>50	1.3	6.6	0.34	3	24.4	0.7
1288714	Soil	20	0.01	459	0.002	5	0.43	0.003	0.09	2.2	9.64	1.3	2.2	0.10	2	20.6	0.4
1288715	Soil	18	<0.01	439	0.002	5	0.27	0.004	0.12	2.4	6.39	1.0	3.0	0.21	1	12.9	0.3
1288716	Soil	34	0.03	256	0.005	5	0.45	0.004	0.40	3.2	9.14	1.8	4.5	0.75	3	39.1	0.4
1288717	Soil	30	0.05	514	0.008	5	0.47	0.005	0.25	3.9	8.79	1.4	3.3	0.45	4	21.8	0.4
1288718	Soil	42	0.03	724	0.004	4	0.68	0.004	0.21	2.6	8.79	5.9	5.2	0.37	4	27.4	0.5
1288719	Soil	47	0.03	863	0.007	7	0.70	0.004	0.23	3.3	7.37	7.0	5.8	0.38	4	29.2	0.3
1288720	Soil	29	0.06	485	0.006	7	0.69	0.003	0.14	2.3	26.28	2.3	2.8	0.14	3	12.2	0.4
1281921	Soil	18	0.08	567	0.003	3	0.44	0.004	0.07	0.1	0.94	2.6	0.7	<0.05	1	2.1	<0.2
1281922	Soil	14	0.02	125	0.006	4	0.32	0.007	0.06	0.1	0.33	0.2	0.3	<0.05	2	1.7	<0.2
1281923	Soil	3	0.01	24	0.003	<1	0.19	0.029	0.02	<0.1	0.24	<0.1	<0.1	<0.05	<1	<0.5	<0.2
1281924	Soil	9	0.02	89	0.008	2	0.43	0.016	0.05	0.2	0.21	0.3	0.2	<0.05	3	0.7	<0.2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 05, 2011

CERTIFICATE OF ANALYSIS WHI11001945.1

		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
1281925	Soil		11.2	25.9	38.2	57	0.4	16.9	2.2	28	0.99	11.1	1.0	0.2	24	0.2	2.6	0.2	135	0.02	0.064	9
1281926	Soil		6.2	21.9	7.2	74	0.2	22.6	5.1	181	1.47	12.0	<0.5	0.3	11	0.2	1.7	0.1	42	0.03	0.132	5
1281927	Soil		14.7	20.5	12.4	100	0.1	33.4	4.7	121	1.44	12.6	0.5	<0.1	12	0.2	2.1	0.2	49	0.02	0.115	5
1281928	Soil		7.3	30.9	10.5	111	0.3	35.5	5.7	70	1.89	35.1	3.5	0.3	8	0.2	2.3	0.2	40	0.02	0.085	5
1281929	Soil		86.4	75.9	17.2	561	0.5	175.4	7.9	196	1.90	33.9	<0.5	1.5	179	6.1	12.6	0.1	237	7.57	0.090	5
1281930	Soil		79.2	64.4	20.0	485	0.3	173.5	8.8	203	2.39	39.4	1.4	1.2	41	4.2	8.4	0.1	96	1.33	0.105	5
1287851	Soil		4.8	44.8	19.6	221	0.7	47.4	7.8	94	2.62	17.8	4.9	1.7	42	1.3	1.7	0.3	59	0.11	0.086	5
1287852	Soil		3.7	12.2	12.6	60	0.2	11.2	3.1	82	1.73	15.6	0.7	0.3	12	0.2	1.5	0.2	52	0.02	0.057	6
1287853	Soil		4.9	24.2	11.8	107	0.3	21.3	5.5	164	1.69	13.6	3.1	1.1	28	1.4	1.8	0.2	57	0.12	0.056	7
1287854	Soil		3.1	34.3	10.9	151	1.1	32.7	5.1	92	1.66	9.7	3.5	1.4	43	1.5	1.2	0.2	48	0.34	0.084	5
1287855	Soil		8.1	46.1	13.0	525	0.9	115.0	13.7	347	3.80	17.4	3.9	1.3	46	2.5	2.0	0.2	49	0.52	0.119	5
1287856	Soil		6.7	43.4	12.7	408	0.7	100.6	15.7	533	2.97	17.1	13.2	1.4	47	2.0	2.0	0.2	52	0.42	0.109	6
1287857	Soil		6.2	40.6	14.4	323	0.7	67.9	19.0	662	2.49	16.1	3.2	2.3	68	2.9	2.4	0.2	55	0.73	0.106	7
1287858	Soil		4.2	57.0	20.7	302	2.5	77.2	9.2	183	3.14	20.5	2.7	3.2	86	2.3	2.9	0.3	43	0.82	0.229	9
1287859	Soil		3.8	72.3	41.6	233	1.7	70.6	21.4	582	7.43	48.6	6.0	2.6	52	0.6	1.9	0.3	37	0.52	0.119	4
1287860	Soil		2.6	25.4	35.3	95	1.2	26.7	7.1	225	3.72	349.6	104.1	2.0	66	0.5	26.2	0.3	31	0.15	0.100	11
1288361	Soil		102.2	80.1	11.6	559	0.5	237.4	16.7	306	2.18	69.7	<0.5	2.1	181	3.3	8.6	0.2	92	6.50	0.114	9
1288362	Soil		22.5	69.6	31.5	321	0.5	68.0	9.3	158	2.83	179.4	3.4	0.9	53	2.1	6.8	0.4	94	0.10	0.085	5
1288363	Soil		17.4	22.3	9.3	115	0.1	28.8	4.4	61	1.36	23.0	<0.5	0.4	8	0.1	3.5	0.2	69	0.03	0.039	7
1288364	Soil		23.3	27.9	7.5	160	<0.1	42.4	5.5	70	1.67	34.9	0.8	0.5	4	0.1	3.6	0.2	79	0.02	0.037	7
1288365	Soil		29.1	47.9	16.8	286	0.4	84.1	10.7	267	2.51	60.6	2.6	1.5	32	1.6	5.6	0.3	88	0.17	0.095	12
1288366	Soil		3.6	8.8	3.3	38	0.2	11.2	1.4	39	0.43	4.7	<0.5	<0.1	14	0.2	0.9	<0.1	22	0.31	0.029	2
1288367	Soil		4.3	46.7	14.0	106	0.3	27.1	7.8	320	3.77	35.7	1.9	0.3	9	0.5	2.1	0.4	62	0.03	0.103	4
1288368	Soil		3.6	34.9	19.9	83	0.6	22.2	5.3	83	1.74	45.1	1.2	0.3	11	0.2	2.4	0.4	42	0.02	0.072	5
1288369	Soil		3.8	36.0	21.5	77	1.0	20.7	5.0	88	2.13	92.1	2.6	0.2	21	0.3	2.7	0.4	44	0.02	0.079	6
1288370	Soil		4.6	39.0	25.2	49	2.4	23.7	5.5	107	2.91	123.2	7.0	0.6	38	0.1	3.4	0.3	45	0.02	0.074	5
1288261	Soil		2.8	88.5	20.9	246	2.4	102.4	21.1	360	3.63	56.9	9.1	1.7	82	0.8	2.4	0.3	30	0.09	0.111	6
1288262	Soil		4.7	67.0	17.7	138	2.1	50.4	9.0	134	2.81	79.0	8.1	2.1	89	0.3	3.0	0.3	26	0.12	0.064	3
1288263	Soil		2.4	44.4	23.1	112	1.6	34.6	6.9	101	2.83	183.3	18.9	2.0	116	0.3	3.3	0.3	25	0.03	0.080	6
1288264	Soil		2.4	61.6	21.3	124	1.3	37.1	7.7	117	3.15	89.0	5.3	3.1	83	0.3	2.6	0.3	24	0.08	0.071	3

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 05, 2011

CERTIFICATE OF ANALYSIS WHI11001945.1

	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
1281925	Soil	18	0.01	161	0.004	1	0.30	0.010	0.05	0.2	0.21	0.3	0.2	0.06	2	1.3	0.2
1281926	Soil	8	0.03	210	0.007	2	0.49	0.014	0.06	<0.1	0.19	0.5	0.1	0.06	2	0.7	<0.2
1281927	Soil	10	0.03	170	0.002	4	0.40	0.012	0.06	<0.1	0.16	0.3	0.2	<0.05	2	1.4	<0.2
1281928	Soil	9	0.03	232	0.002	2	0.38	0.012	0.06	<0.1	0.15	0.6	0.1	<0.05	2	1.7	<0.2
1281929	Soil	18	2.10	199	0.002	6	0.25	0.006	0.07	0.2	0.42	3.0	1.0	0.05	<1	4.5	<0.2
1281930	Soil	18	0.34	206	0.002	6	0.25	0.004	0.07	0.2	0.40	4.1	1.3	0.07	<1	2.7	<0.2
1287851	Soil	18	0.12	1403	0.002	5	1.25	0.005	0.09	<0.1	0.37	3.1	0.5	0.08	3	4.1	<0.2
1287852	Soil	8	0.04	183	0.007	1	0.45	0.003	0.04	0.1	0.05	0.6	0.2	<0.05	3	0.6	<0.2
1287853	Soil	12	0.08	1613	0.006	4	0.64	0.006	0.07	0.2	0.15	1.7	0.3	0.06	2	0.8	<0.2
1287854	Soil	14	0.14	1620	0.003	4	0.94	0.008	0.07	<0.1	0.29	2.6	0.2	0.07	2	2.0	<0.2
1287855	Soil	15	0.13	945	0.002	4	1.49	0.006	0.06	<0.1	0.35	2.4	0.7	0.09	2	2.9	<0.2
1287856	Soil	15	0.13	1098	0.002	4	1.29	0.008	0.08	<0.1	0.44	2.3	0.5	0.10	2	2.5	<0.2
1287857	Soil	18	0.20	1486	0.002	5	1.07	0.007	0.10	<0.1	0.44	3.8	0.3	0.10	2	2.6	<0.2
1287858	Soil	23	0.05	497	0.003	8	0.78	0.012	0.16	<0.1	0.45	3.1	0.3	0.29	2	4.9	<0.2
1287859	Soil	27	0.21	388	0.002	3	1.11	0.004	0.10	<0.1	0.50	6.6	0.2	0.08	3	4.3	<0.2
1287860	Soil	23	0.06	1288	0.001	4	0.71	0.005	0.16	0.1	44.05	2.8	0.7	0.27	3	8.3	<0.2
1288361	Soil	14	2.72	237	0.002	5	0.24	0.006	0.07	0.2	0.70	3.2	1.7	0.07	<1	5.6	<0.2
1288362	Soil	12	0.05	293	0.002	4	0.39	0.003	0.07	<0.1	0.13	2.9	0.5	0.07	1	2.7	<0.2
1288363	Soil	6	0.02	183	0.002	2	0.27	0.004	0.04	<0.1	0.05	0.6	0.2	<0.05	2	0.9	<0.2
1288364	Soil	8	0.02	78	0.002	4	0.31	0.003	0.05	<0.1	0.05	0.9	0.2	<0.05	2	1.0	<0.2
1288365	Soil	14	0.10	787	0.006	4	0.58	0.003	0.07	0.1	0.22	2.0	0.5	<0.05	2	1.1	<0.2
1288366	Soil	4	0.04	159	0.004	2	0.25	0.026	0.03	<0.1	0.05	0.3	0.1	<0.05	1	<0.5	<0.2
1288367	Soil	17	0.03	152	0.003	1	0.47	0.003	0.05	<0.1	0.11	2.0	0.1	0.06	2	1.0	<0.2
1288368	Soil	10	0.02	97	0.002	2	0.36	0.003	0.06	<0.1	0.06	0.7	0.2	<0.05	2	0.6	<0.2
1288369	Soil	12	0.02	118	0.003	1	0.42	0.003	0.06	0.1	0.08	0.5	0.2	<0.05	2	1.0	<0.2
1288370	Soil	18	0.07	183	0.006	1	0.61	0.003	0.05	0.1	0.13	1.9	0.3	0.08	2	2.8	<0.2
1288261	Soil	18	0.06	481	0.002	3	0.76	0.005	0.07	<0.1	0.31	4.5	0.1	0.07	2	2.4	<0.2
1288262	Soil	17	0.03	838	<0.001	3	0.45	0.004	0.08	<0.1	0.62	4.5	0.1	0.10	1	3.9	<0.2
1288263	Soil	19	0.04	739	<0.001	3	0.74	0.007	0.12	<0.1	0.43	3.1	0.2	0.20	2	3.7	<0.2
1288264	Soil	17	0.04	846	<0.001	3	0.71	0.008	0.12	<0.1	0.24	3.5	0.1	0.19	1	4.4	<0.2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 05, 2011

CERTIFICATE OF ANALYSIS WHI11001945.1

	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
1288265	Soil	2.4	39.5	15.6	181	1.8	76.2	10.5	94	2.52	21.3	5.0	0.8	110	0.8	1.7	0.2	27	1.46	0.091	6
1288266	Soil	4.2	60.9	15.6	153	2.0	51.6	10.1	125	2.40	18.2	2.9	2.1	63	0.3	1.5	0.2	25	0.16	0.063	3
1288267	Soil	2.0	32.2	16.4	140	0.6	41.8	6.7	347	2.29	71.1	29.8	1.7	85	0.8	2.9	0.2	31	0.61	0.121	9
1288268	Soil	3.0	53.1	14.8	72	0.5	22.8	2.6	57	2.59	92.2	42.4	1.3	60	0.2	3.7	0.2	43	0.02	0.070	8
1288269	Soil	3.8	67.6	23.1	119	2.9	37.0	9.0	248	2.83	36.2	12.4	1.3	100	0.3	1.9	0.2	29	0.08	0.100	3
1288270	Soil	2.8	30.2	16.7	86	2.0	23.9	6.0	117	3.17	21.8	2.6	1.2	40	0.1	1.3	0.3	45	0.02	0.082	5
1288501	Soil	98.4	68.8	12.3	1260	0.4	345.5	17.1	437	3.49	60.9	6.7	3.2	63	14.9	9.2	0.2	171	0.33	0.173	16
1288502	Soil	46.8	53.6	19.6	602	0.6	181.5	14.6	323	3.92	112.0	11.5	3.3	29	1.6	17.1	0.3	107	0.12	0.124	19
1288503	Soil	91.8	56.6	11.1	1254	0.6	274.2	15.7	579	3.18	96.7	4.2	3.5	250	16.0	18.4	0.2	84	4.38	0.075	12
1288504	Soil	63.0	102.0	13.6	1031	1.3	189.6	9.5	197	2.42	123.0	17.0	2.5	60	15.2	22.3	0.2	132	0.54	0.113	11
1288505	Soil	48.6	81.4	11.5	812	1.1	156.8	9.1	166	2.23	83.0	8.9	2.9	53	14.2	15.2	0.2	100	0.62	0.089	9
1288506	Soil	3.6	21.4	28.3	17	1.6	4.4	0.3	8	0.68	39.8	13.9	1.6	45	0.7	16.3	0.2	59	0.06	0.031	7
1288507	Soil	1.7	4.0	26.0	5	1.5	1.0	0.1	3	0.24	8.8	13.8	0.7	21	<0.1	5.4	0.2	23	0.01	0.022	7
1288508	Soil	46.3	38.4	16.1	53	6.5	10.8	0.7	25	1.55	131.8	16.1	0.4	154	0.4	31.1	0.2	267	0.09	0.061	6
1288509	Soil	6.5	35.5	32.9	134	1.0	22.7	4.5	70	3.54	514.4	51.8	2.9	48	1.2	19.1	0.9	33	0.04	0.114	17
1288510	Soil	3.8	12.8	26.3	41	1.0	9.8	1.3	22	0.67	58.0	58.9	1.7	33	0.4	10.5	0.3	23	0.04	0.029	30
1288511	Soil	3.4	94.1	20.1	178	0.6	51.0	16.9	298	2.88	187.2	13.9	4.3	28	1.5	7.8	1.9	33	0.06	0.049	20
1288512	Soil	4.2	72.5	19.9	134	0.6	29.5	6.9	113	2.31	180.6	8.8	3.1	23	1.0	7.2	1.8	41	0.02	0.050	23
1288513	Soil	4.0	88.9	25.9	175	0.7	49.3	12.1	184	2.81	180.4	16.2	4.2	27	1.2	7.0	1.5	44	0.02	0.054	19
1288514	Soil	7.8	32.7	23.9	125	0.3	26.5	4.1	71	2.14	104.3	5.1	1.0	21	0.4	6.3	0.6	73	0.02	0.056	20
1288515	Soil	10.8	56.3	63.7	118	1.6	27.6	3.8	99	4.07	154.5	9.2	4.7	38	0.4	10.2	0.8	60	0.02	0.087	17
1288516	Soil	4.0	60.6	22.3	134	0.8	29.2	5.4	141	3.62	190.1	4.9	4.4	24	0.8	4.6	0.7	43	0.02	0.054	17
1288517	Soil	5.1	41.4	29.9	108	1.2	18.8	3.0	37	2.67	528.1	6.8	3.3	49	0.5	5.5	1.6	44	0.02	0.070	23
1288518	Soil	4.0	29.9	22.3	158	0.3	32.7	8.9	74	2.96	198.4	1.3	2.8	27	0.4	3.3	0.5	41	0.03	0.080	28
1288519	Soil	7.2	22.6	131.3	125	1.8	15.1	2.6	44	3.03	724.2	133.9	2.6	54	0.2	34.3	4.2	60	0.02	0.090	24
1288520	Soil	4.2	20.3	34.1	106	0.6	15.0	3.2	34	1.46	160.9	7.2	0.6	22	0.2	10.1	2.3	38	0.02	0.042	23
1288521	Soil	5.7	38.0	21.0	114	1.0	19.7	5.2	83	2.51	263.4	23.3	1.8	30	0.4	7.8	2.0	39	0.03	0.068	18
1288522	Soil	6.4	49.6	23.7	136	1.5	26.0	5.7	50	3.67	559.5	15.6	3.9	34	0.8	9.9	5.3	40	0.02	0.083	23
1288523	Soil	17.6	93.3	33.1	188	1.9	46.2	7.0	142	3.49	390.7	12.5	3.8	57	1.5	16.2	1.6	108	0.06	0.138	14
1288524	Soil	10.2	75.4	30.2	150	1.7	31.6	4.0	69	1.79	130.0	24.1	1.7	46	2.0	8.0	1.2	66	0.07	0.103	11

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 05, 2011

CERTIFICATE OF ANALYSIS WHI11001945.1

	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
1288265	Soil	18	0.11	709	0.002	5	0.75	0.006	0.08	<0.1	0.39	2.7	0.1	0.13	1	2.7	<0.2
1288266	Soil	18	0.06	823	0.001	3	0.56	0.004	0.08	<0.1	0.25	4.7	0.1	0.08	1	3.4	<0.2
1288267	Soil	20	0.07	530	0.002	5	0.63	0.005	0.11	0.1	1.36	2.7	0.1	0.11	2	2.3	<0.2
1288268	Soil	22	0.04	249	0.003	2	0.57	0.002	0.08	0.1	1.38	1.5	0.1	0.07	3	4.3	0.3
1288269	Soil	25	0.09	288	0.002	3	0.80	0.005	0.10	<0.1	0.47	2.5	0.1	0.11	2	2.4	<0.2
1288270	Soil	21	0.07	168	0.004	3	0.72	0.004	0.06	<0.1	0.22	1.6	0.1	0.07	4	1.2	<0.2
1288501	Soil	27	0.08	1228	0.004	8	0.99	0.003	0.11	0.6	0.98	3.7	3.0	<0.05	2	17.0	<0.2
1288502	Soil	20	0.06	356	0.003	5	0.72	0.002	0.08	0.3	2.86	2.4	1.0	0.05	1	5.7	0.2
1288503	Soil	16	2.46	1452	0.009	7	0.55	0.018	0.07	0.4	2.55	3.7	1.4	0.07	<1	4.1	<0.2
1288504	Soil	15	0.13	719	0.003	6	0.47	0.004	0.09	0.4	7.79	2.8	1.5	0.06	<1	5.1	<0.2
1288505	Soil	13	0.09	466	0.003	6	0.59	0.010	0.07	0.3	3.69	3.2	1.3	0.06	<1	4.1	<0.2
1288506	Soil	14	0.02	806	0.003	5	0.17	0.003	0.12	0.4	16.47	0.8	2.2	0.25	1	8.8	<0.2
1288507	Soil	6	<0.01	285	0.003	4	0.19	0.003	0.05	0.2	5.69	0.3	0.9	0.07	1	2.8	<0.2
1288508	Soil	17	0.04	342	0.002	3	0.30	0.005	0.14	1.2	2.49	0.5	3.5	0.25	2	8.8	0.3
1288509	Soil	9	0.07	289	0.002	3	0.46	0.004	0.08	0.3	3.49	1.7	0.6	0.15	1	3.9	<0.2
1288510	Soil	4	0.01	209	<0.001	3	0.21	0.003	0.06	0.7	3.55	0.6	1.0	0.08	<1	1.2	<0.2
1288511	Soil	15	0.14	461	0.002	2	0.97	0.004	0.06	0.7	1.78	2.5	0.2	<0.05	2	2.1	<0.2
1288512	Soil	11	0.11	278	0.002	<1	0.91	0.005	0.06	0.6	1.29	2.0	0.2	<0.05	2	1.8	<0.2
1288513	Soil	15	0.13	300	0.002	2	1.11	0.004	0.06	0.4	1.61	2.9	0.2	<0.05	2	1.8	<0.2
1288514	Soil	11	0.04	122	0.004	2	0.61	0.003	0.05	0.3	0.68	0.9	0.3	<0.05	4	1.9	<0.2
1288515	Soil	19	0.14	156	0.010	1	0.89	0.004	0.07	0.3	0.95	2.4	0.5	0.08	3	3.8	<0.2
1288516	Soil	18	0.22	162	0.002	1	1.19	0.004	0.05	0.1	0.31	2.5	0.2	<0.05	3	1.7	<0.2
1288517	Soil	8	0.04	152	0.002	<1	0.61	0.007	0.06	0.3	0.50	1.3	0.3	0.07	2	1.8	<0.2
1288518	Soil	10	0.06	106	0.002	2	0.58	0.004	0.06	0.2	0.21	1.7	0.2	<0.05	3	0.9	<0.2
1288519	Soil	7	0.03	215	0.008	3	0.42	0.006	0.08	0.9	0.95	0.8	1.1	0.11	3	2.7	<0.2
1288520	Soil	6	0.01	77	0.004	2	0.39	0.010	0.04	0.4	0.82	0.3	0.2	<0.05	2	0.9	<0.2
1288521	Soil	10	0.04	152	0.003	2	0.46	0.006	0.06	0.4	1.36	1.1	0.3	0.05	2	2.4	<0.2
1288522	Soil	10	0.04	184	0.002	2	0.46	0.008	0.06	3.3	1.45	1.5	0.3	0.07	1	2.6	<0.2
1288523	Soil	17	0.06	412	0.003	2	0.82	0.006	0.07	0.7	2.84	2.5	0.9	0.10	2	5.0	<0.2
1288524	Soil	13	0.08	487	0.002	2	0.70	0.008	0.07	0.5	3.33	2.2	0.8	0.07	2	3.2	<0.2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 05, 2011

CERTIFICATE OF ANALYSIS WHI11001945.1

		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
1288525	Soil		15.7	41.1	28.9	89	1.8	25.4	2.6	42	2.32	136.5	20.9	2.1	48	1.1	11.9	0.7	96	0.07	0.121	14
1288526	Soil		10.2	41.3	16.0	89	1.1	16.9	2.2	30	1.61	91.3	10.8	2.0	27	0.7	8.2	0.6	42	0.06	0.063	18
1288527	Soil		2.7	39.6	13.6	40	1.0	9.0	1.1	21	0.79	30.5	14.4	0.4	23	0.4	2.5	0.4	23	0.04	0.063	4
1288528	Soil		13.0	55.4	20.5	202	0.7	28.8	29.3	1028	4.97	121.2	10.9	2.8	24	0.9	10.6	0.4	53	0.04	0.065	15
1288529	Soil		15.5	34.8	22.8	144	1.6	22.7	3.7	98	2.73	120.4	12.7	1.9	26	0.9	9.0	0.4	54	0.07	0.088	14
1288530	Soil		15.6	43.2	65.3	150	2.6	20.7	3.7	60	4.28	671.3	162.3	2.0	67	0.6	28.0	3.1	64	0.07	0.146	18
1287061	Soil		17.1	39.5	12.9	343	0.8	73.6	6.6	104	1.99	34.6	1.8	1.6	48	2.8	7.6	0.2	105	0.74	0.106	12
1287062	Soil		3.1	38.8	18.6	66	0.2	25.0	6.5	138	2.42	186.2	3.4	0.3	9	0.2	2.0	0.4	40	0.03	0.058	7
1287063	Soil		3.4	65.8	22.2	47	0.3	48.3	12.2	213	3.94	62.6	2.9	0.2	11	<0.1	3.6	0.4	50	0.02	0.078	4
1287064	Soil		2.8	45.5	26.7	34	2.0	21.5	4.5	120	2.39	163.3	2.9	0.5	30	0.1	3.6	0.4	31	0.04	0.131	2
1287065	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1287066	Soil		3.8	10.8	33.8	13	1.8	5.7	1.3	28	0.73	38.0	0.7	0.2	21	<0.1	1.6	0.2	25	0.02	0.044	2
1287067	Soil		1.6	10.0	12.3	43	0.7	19.3	11.1	450	1.64	32.1	1.5	0.1	11	0.2	0.9	0.1	15	0.02	0.050	1
1287068	Soil		4.6	94.1	22.7	248	2.2	151.2	13.9	236	1.47	63.8	30.5	1.4	77	22.9	20.8	0.2	117	0.48	0.153	9
1287069	Soil		10.2	27.9	29.3	270	0.2	42.3	8.6	187	2.63	28.8	1.9	1.5	65	1.3	3.8	0.2	91	0.07	0.079	8
1287070	Soil		14.8	32.6	22.2	234	0.6	40.8	13.8	428	2.47	40.3	4.4	2.1	40	2.5	5.1	0.3	114	0.15	0.089	11
1287071	Soil		17.6	25.1	21.4	178	0.6	31.8	4.2	115	1.86	41.8	4.7	1.6	34	1.1	7.7	0.2	122	0.11	0.079	12
1287072	Soil		11.5	23.2	14.8	130	0.8	28.5	2.4	52	1.30	30.5	3.6	0.2	22	1.2	7.1	0.1	80	0.13	0.079	6
1287073	Soil		20.0	12.1	24.2	71	0.5	14.8	2.3	51	1.48	31.8	1.8	1.7	13	0.2	6.2	0.2	111	0.02	0.044	14
1287074	Soil		15.6	22.5	15.5	128	0.9	31.2	4.6	96	2.41	29.7	2.4	2.0	12	0.4	4.5	0.2	82	0.03	0.041	10
1287075	Soil		17.7	45.2	22.1	440	1.2	77.7	10.5	394	2.59	56.3	6.5	2.2	64	3.2	11.5	0.3	106	0.44	0.119	9
1287076	Soil		15.6	40.7	18.3	195	1.5	62.8	8.0	97	2.80	53.5	4.9	0.8	22	0.3	4.5	0.2	97	0.03	0.119	13
1287077	Soil		6.9	51.6	36.6	132	2.7	40.2	5.5	62	3.30	48.0	4.9	1.7	160	0.2	3.4	0.4	28	0.04	0.160	13
1287078	Soil		17.4	67.3	22.4	260	0.9	105.7	30.8	1144	5.85	143.3	5.8	3.4	48	1.3	6.7	0.4	66	0.14	0.218	16
1287079	Soil		11.3	108.5	32.0	294	2.1	79.3	14.5	254	4.78	85.2	5.3	3.6	97	1.3	5.5	0.4	33	0.13	0.190	20
1287080	Soil		15.5	69.6	22.6	296	1.3	81.6	15.7	418	4.06	94.3	6.7	1.9	59	1.4	5.9	0.3	70	0.13	0.175	17
1287901	Soil		6.5	16.9	37.2	55	1.4	12.6	0.9	42	0.50	33.0	2.9	0.4	39	0.5	2.9	0.2	52	0.17	0.036	2
1287902	Soil		8.3	32.9	34.4	59	1.6	14.9	2.3	63	0.75	37.8	2.6	0.4	18	0.6	2.7	0.2	79	0.03	0.042	2
1287903	Soil		20.6	214.7	40.7	325	2.3	63.3	20.4	595	3.25	80.7	4.0	1.2	26	7.1	6.3	0.4	241	0.07	0.178	5
1287904	Soil		16.3	36.3	16.8	112	0.8	28.8	3.8	66	1.29	15.4	1.5	0.2	14	1.4	3.7	0.2	154	0.05	0.069	5

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 05, 2011

CERTIFICATE OF ANALYSIS WHI11001945.1

	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
1288525	Soil	17	0.08	676	0.001	2	0.74	0.004	0.07	0.3	4.17	2.0	1.0	0.05	2	5.6	<0.2
1288526	Soil	9	0.07	290	0.001	3	0.49	0.005	0.06	0.2	0.81	1.4	0.5	0.06	2	3.2	<0.2
1288527	Soil	8	0.03	234	0.002	2	0.44	0.018	0.06	<0.1	1.27	0.9	0.4	0.07	1	2.0	<0.2
1288528	Soil	12	0.06	233	0.001	2	0.61	0.003	0.06	0.2	0.62	2.0	0.6	<0.05	2	4.6	<0.2
1288529	Soil	12	0.07	391	0.001	2	0.63	0.004	0.06	0.2	1.35	1.6	0.6	<0.05	2	3.6	<0.2
1288530	Soil	13	0.08	344	0.002	2	0.62	0.009	0.12	1.4	14.65	1.2	2.2	0.23	2	9.3	<0.2
1287061	Soil	16	0.14	684	0.004	4	0.53	0.005	0.07	0.2	0.56	3.0	0.6	0.05	1	2.0	<0.2
1287062	Soil	11	0.03	98	0.004	<1	0.41	0.004	0.04	0.1	0.10	0.9	0.2	<0.05	2	0.9	<0.2
1287063	Soil	14	0.03	142	0.003	<1	0.51	0.002	0.05	<0.1	0.05	1.6	0.3	<0.05	2	1.4	<0.2
1287064	Soil	12	0.02	173	0.002	4	0.41	0.004	0.08	<0.1	0.16	2.5	0.2	0.12	2	1.6	<0.2
1287065	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1287066	Soil	5	<0.01	131	0.002	2	0.24	0.008	0.05	<0.1	0.06	0.4	0.3	0.05	2	1.4	<0.2
1287067	Soil	4	0.02	147	0.005	1	0.32	0.015	0.03	<0.1	0.06	0.3	0.2	<0.05	2	0.6	<0.2
1287068	Soil	28	0.06	2782	0.006	5	0.74	0.007	0.07	0.4	5.54	3.8	1.0	0.16	2	10.9	<0.2
1287069	Soil	19	0.10	300	0.002	2	0.78	0.004	0.07	0.1	0.24	2.7	0.4	<0.05	3	1.3	<0.2
1287070	Soil	21	0.15	679	0.002	3	1.04	0.005	0.09	0.2	0.65	2.4	0.9	<0.05	3	2.3	<0.2
1287071	Soil	17	0.11	713	0.003	5	0.73	0.006	0.09	0.2	0.44	1.7	0.7	<0.05	3	1.8	<0.2
1287072	Soil	11	0.05	547	0.002	4	0.54	0.014	0.08	0.2	0.49	0.5	0.8	0.06	2	1.5	<0.2
1287073	Soil	9	0.04	219	0.004	2	0.57	0.004	0.05	0.2	0.10	0.6	0.9	<0.05	3	1.6	<0.2
1287074	Soil	15	0.10	192	0.005	2	0.86	0.003	0.05	0.2	0.20	1.3	0.4	<0.05	3	1.4	<0.2
1287075	Soil	21	0.14	1372	0.002	4	0.91	0.005	0.08	0.2	0.93	3.4	0.7	<0.05	2	2.8	<0.2
1287076	Soil	16	0.04	405	0.004	2	0.61	0.004	0.06	0.1	0.37	1.1	0.3	0.06	2	2.2	<0.2
1287077	Soil	9	0.01	775	0.002	2	0.38	0.003	0.14	<0.1	1.69	1.8	0.3	0.31	<1	3.0	<0.2
1287078	Soil	14	0.07	1094	0.003	3	1.02	0.005	0.09	0.1	0.74	3.7	0.4	0.08	1	3.2	<0.2
1287079	Soil	10	0.04	1922	0.002	2	0.71	0.003	0.11	<0.1	2.72	3.5	0.3	0.10	<1	3.6	<0.2
1287080	Soil	14	0.07	1330	0.004	3	0.77	0.005	0.09	0.1	1.21	2.3	0.4	0.07	1	3.1	<0.2
1287901	Soil	11	0.05	140	0.002	<1	0.24	0.002	0.03	<0.1	0.11	0.6	0.5	<0.05	1	2.7	<0.2
1287902	Soil	13	0.02	104	0.003	1	0.26	0.002	0.04	<0.1	0.08	0.9	0.4	0.07	2	2.5	<0.2
1287903	Soil	37	0.07	238	0.005	2	1.52	0.006	0.07	0.1	0.18	4.7	0.8	0.10	5	3.8	0.2
1287904	Soil	13	0.03	128	0.004	1	0.57	0.011	0.04	0.1	0.09	0.6	0.5	0.05	2	1.5	<0.2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 05, 2011

CERTIFICATE OF ANALYSIS WHI11001945.1

		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
1287905	Soil		11.8	31.8	22.1	133	0.5	27.8	12.7	603	1.85	13.3	2.2	0.3	29	1.6	3.0	0.2	102	0.08	0.063	4
1287906	Soil		21.5	48.5	19.6	290	0.9	61.7	8.4	288	1.94	18.1	2.1	0.7	30	2.9	4.1	0.3	103	0.14	0.062	6
1287907	Soil		63.0	101.0	17.0	838	1.3	208.6	13.5	199	2.38	45.8	3.5	1.5	76	7.8	12.8	0.2	240	1.22	0.108	13
1287908	Soil		117.5	150.4	18.9	1241	2.1	271.8	6.5	141	1.99	81.5	1.7	1.2	235	17.0	38.0	0.2	394	5.80	0.123	12
1287909	Soil		74.2	81.7	20.7	828	1.5	209.1	8.3	142	1.67	40.5	2.6	1.4	83	7.9	13.8	0.2	282	0.92	0.094	11
1287910	Soil		19.1	16.9	11.0	101	1.2	24.3	2.1	24	0.57	9.5	0.6	0.2	13	0.3	3.4	0.1	136	0.03	0.041	8
1287911	Soil		14.1	30.8	17.8	118	2.1	29.2	1.9	60	0.80	13.2	5.0	0.4	24	0.7	2.1	0.2	102	0.23	0.093	4
1287912	Soil		10.5	27.9	19.2	87	1.0	20.8	2.5	36	0.72	10.2	2.6	0.6	24	1.1	1.5	0.2	97	0.06	0.071	6
1287913	Soil		7.5	18.1	12.9	66	0.1	17.3	5.4	130	1.23	8.7	0.7	1.8	12	0.3	1.4	0.3	54	0.03	0.040	6
1287914	Soil		6.2	7.3	11.0	40	<0.1	8.1	1.7	42	0.68	12.1	0.7	1.2	18	<0.1	1.4	0.2	93	0.02	0.020	12
1287915	Soil		14.9	26.8	15.4	150	0.4	34.8	7.2	128	1.96	17.3	2.6	0.9	18	0.6	3.1	0.4	81	0.11	0.142	12
1287916	Soil		5.6	13.4	12.4	56	0.2	12.6	2.5	53	0.87	8.6	1.2	0.6	23	0.3	1.0	0.2	53	0.06	0.044	6
1287917	Soil		11.5	23.1	4.8	139	1.8	26.3	1.9	51	0.53	8.7	1.5	0.1	12	3.0	2.9	<0.1	155	0.10	0.086	4
1287918	Soil		5.8	10.0	8.4	47	0.2	10.0	1.8	33	0.67	6.7	4.5	0.3	12	0.1	1.0	0.1	58	0.03	0.035	12
1287919	Soil		4.8	17.9	13.6	88	0.3	18.9	3.3	139	1.00	7.9	2.1	0.6	50	0.9	1.4	0.2	51	0.47	0.082	5
1287920	Soil		5.9	27.2	15.7	97	0.7	23.0	5.9	239	1.30	10.7	3.4	2.1	44	0.9	1.6	0.2	59	0.37	0.091	10
1288271	Soil		2.9	47.1	16.7	90	1.6	26.2	6.3	176	3.82	20.0	6.3	0.8	32	0.2	1.5	0.3	44	0.03	0.098	4
1288272	Soil		3.7	60.0	16.3	95	1.8	26.0	6.5	202	3.06	17.5	6.6	0.9	49	0.2	1.5	0.3	51	0.02	0.104	4
1288273	Soil		2.9	48.8	20.4	97	1.3	26.2	8.7	678	3.92	14.7	5.4	0.6	22	0.3	1.6	0.3	47	0.04	0.090	5
1288274	Soil		2.5	51.3	24.4	108	0.5	30.6	15.2	962	3.02	17.5	6.3	0.7	36	0.3	1.5	0.3	35	0.09	0.128	4
1288275	Soil		2.6	55.3	22.5	116	0.4	35.5	17.4	936	3.27	17.1	6.4	1.2	30	0.2	1.5	0.4	37	0.03	0.112	4
1288276	Soil		4.6	93.0	24.0	251	1.1	150.2	64.1	1768	6.25	40.2	17.6	4.1	125	0.4	2.6	0.4	35	0.02	0.102	4
1288277	Soil		1.0	24.5	11.7	16	0.1	14.4	5.2	64	1.25	7.3	1.0	1.8	40	1.1	0.4	0.2	22	0.24	0.037	4
1288278	Soil		2.0	24.3	10.7	99	0.3	25.7	6.3	106	1.85	11.9	3.2	1.8	61	0.4	1.3	0.2	31	0.41	0.050	5
1288279	Soil		2.9	30.1	16.1	130	<0.1	27.5	6.7	124	2.59	18.9	1.0	1.8	28	0.4	1.2	0.2	36	0.10	0.037	4
1288280	Soil		1.9	16.8	9.8	69	0.4	21.5	6.1	91	1.90	11.0	1.1	1.5	51	0.6	0.6	0.2	34	0.78	0.052	5
1288281	Soil		3.8	22.5	13.6	80	0.1	15.2	4.1	73	2.06	22.5	0.9	0.2	11	0.2	1.4	0.2	47	0.03	0.059	5
1288282	Soil		2.4	20.9	9.0	119	<0.1	21.5	7.7	97	2.41	15.4	1.2	0.8	7	0.2	0.9	0.2	36	0.03	0.032	4
1288283	Soil		3.2	33.6	18.3	162	0.4	55.6	11.6	155	3.41	16.7	2.3	1.7	45	0.5	1.0	0.3	34	0.39	0.068	4
1288284	Soil		6.2	43.6	20.2	67	1.0	22.0	3.5	43	2.52	16.8	4.0	1.2	33	0.3	1.7	0.2	69	0.16	0.106	3

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 05, 2011

CERTIFICATE OF ANALYSIS WHI11001945.1

	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
1287905	Soil	12	0.03	232	0.002	2	0.36	0.008	0.08	0.1	0.07	1.2	0.4	0.13	2	1.4	<0.2
1287906	Soil	13	0.05	329	0.002	3	0.50	0.005	0.07	0.1	0.16	2.3	0.6	0.06	2	2.1	<0.2
1287907	Soil	31	0.58	564	0.004	4	0.83	0.005	0.09	0.2	0.38	4.8	1.5	<0.05	2	4.1	<0.2
1287908	Soil	26	1.05	407	0.003	6	0.40	0.006	0.08	0.4	0.91	3.0	2.1	0.06	1	5.8	<0.2
1287909	Soil	21	0.11	396	0.003	5	0.47	0.005	0.09	0.2	0.38	3.2	2.1	<0.05	2	4.5	<0.2
1287910	Soil	14	0.05	144	0.003	4	0.39	0.004	0.05	0.1	0.04	0.4	0.5	<0.05	3	0.8	<0.2
1287911	Soil	16	0.07	345	0.004	4	0.69	0.015	0.09	0.1	0.34	1.6	0.7	0.05	2	1.0	<0.2
1287912	Soil	13	0.04	360	0.002	5	0.51	0.005	0.06	<0.1	0.19	1.7	0.7	<0.05	2	0.9	<0.2
1287913	Soil	8	0.05	319	0.003	9	0.67	0.005	0.17	<0.1	0.05	1.6	0.3	<0.05	3	0.7	<0.2
1287914	Soil	7	0.02	121	0.006	2	0.36	0.002	0.03	0.1	0.02	0.6	0.3	<0.05	4	0.6	<0.2
1287915	Soil	12	0.10	501	0.005	6	0.77	0.005	0.17	0.1	0.07	1.6	0.5	<0.05	2	1.1	<0.2
1287916	Soil	9	0.04	385	0.003	3	0.44	0.007	0.09	<0.1	0.05	1.1	0.2	<0.05	2	<0.5	<0.2
1287917	Soil	13	0.04	452	0.002	2	0.39	0.018	0.07	<0.1	0.36	0.9	0.8	<0.05	1	1.4	<0.2
1287918	Soil	6	0.03	125	0.007	1	0.37	0.005	0.04	<0.1	0.02	0.4	0.2	<0.05	3	<0.5	<0.2
1287919	Soil	9	0.12	2069	0.007	2	0.71	0.017	0.07	0.1	0.09	1.2	0.3	<0.05	2	0.9	<0.2
1287920	Soil	13	0.11	1077	0.003	3	0.61	0.008	0.09	<0.1	0.27	2.5	0.3	<0.05	2	1.2	<0.2
1288271	Soil	26	0.09	144	0.006	2	0.79	0.004	0.06	0.1	0.21	1.6	0.1	0.07	4	1.7	<0.2
1288272	Soil	27	0.06	235	0.004	2	1.01	0.005	0.07	<0.1	0.24	1.8	0.2	<0.05	4	1.7	<0.2
1288273	Soil	31	0.14	161	0.008	2	1.06	0.004	0.07	0.1	0.20	1.4	0.1	0.05	5	0.9	<0.2
1288274	Soil	26	0.21	335	0.006	2	1.19	0.005	0.09	0.1	0.25	1.4	0.1	0.08	4	0.8	<0.2
1288275	Soil	27	0.18	314	0.005	3	1.20	0.005	0.08	<0.1	0.22	1.8	0.2	0.07	4	1.0	<0.2
1288276	Soil	26	0.15	714	0.003	2	1.61	0.021	0.05	<0.1	0.69	4.1	0.2	0.09	2	2.0	<0.2
1288277	Soil	11	0.04	616	0.002	<1	0.68	0.007	0.04	<0.1	0.05	2.1	0.1	0.05	2	0.9	<0.2
1288278	Soil	12	0.17	2545	0.004	2	0.76	0.008	0.06	<0.1	0.13	2.4	0.1	0.09	2	1.1	<0.2
1288279	Soil	14	0.14	1506	0.003	1	0.70	0.005	0.04	<0.1	0.05	2.2	<0.1	<0.05	2	1.2	<0.2
1288280	Soil	17	0.27	636	0.006	2	0.90	0.008	0.05	0.1	0.08	2.3	<0.1	0.05	3	1.2	<0.2
1288281	Soil	9	0.02	191	0.006	1	0.42	0.004	0.04	0.2	0.03	0.8	<0.1	<0.05	3	0.9	<0.2
1288282	Soil	9	0.07	216	0.003	1	0.48	0.003	0.05	<0.1	0.02	2.3	0.1	<0.05	2	1.2	<0.2
1288283	Soil	14	0.16	1336	0.002	1	0.72	0.005	0.05	<0.1	0.13	5.1	0.1	<0.05	2	3.0	<0.2
1288284	Soil	13	0.08	1449	0.002	1	0.61	0.004	0.06	<0.1	0.27	2.6	0.4	<0.05	1	4.4	<0.2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 05, 2011

CERTIFICATE OF ANALYSIS WHI11001945.1

	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
1288285	Soil	4.1	47.2	16.5	116	0.8	27.5	5.7	69	2.63	18.7	2.0	0.7	16	0.4	1.2	0.2	40	0.02	0.079	3
1288286	Soil	4.9	46.6	18.3	169	0.6	37.8	8.4	115	3.30	19.7	1.9	1.3	16	0.5	1.6	0.3	43	0.02	0.066	4
1288287	Soil	2.6	30.4	10.6	86	0.1	18.2	4.1	77	1.80	9.7	1.7	0.3	8	0.3	0.7	0.2	32	0.02	0.052	3
1288288	Soil	4.1	41.6	18.1	171	0.2	30.5	9.2	148	4.03	21.3	1.6	1.2	9	0.4	1.4	0.3	44	<0.01	0.055	3
1288289	Soil	3.1	35.5	17.4	156	0.1	27.3	8.2	128	3.87	19.5	2.0	1.3	9	0.3	1.2	0.3	44	0.02	0.055	4
1288290	Soil	5.0	23.1	12.8	106	0.4	17.1	4.6	51	2.53	17.4	0.5	0.8	10	0.2	1.4	0.2	67	0.01	0.054	5
1288291	Soil	4.2	40.7	17.8	175	0.3	28.8	6.3	94	3.37	18.9	1.2	0.8	14	0.5	1.4	0.2	49	0.02	0.083	3
1288292	Soil	4.8	25.4	11.7	67	0.3	13.8	3.4	48	1.76	15.6	0.7	1.1	13	0.2	1.0	0.2	64	0.03	0.050	6
1288293	Soil	3.1	60.4	14.0	164	0.4	39.6	12.3	249	2.74	11.0	2.1	1.8	37	0.7	1.0	0.2	36	0.43	0.062	3
1288294	Soil	7.1	35.5	17.8	212	0.3	40.4	21.7	632	3.23	14.9	1.1	2.2	36	1.2	1.6	0.2	45	0.25	0.098	4
1288295	Soil	7.4	37.5	14.3	292	0.4	48.1	16.5	703	2.74	12.7	2.0	1.8	34	1.9	1.2	0.2	50	0.28	0.089	5
1288296	Soil	8.1	35.4	18.7	1128	0.5	169.6	7.8	200	2.52	25.2	2.2	1.6	75	11.4	1.5	0.2	74	0.68	0.082	4
1288297	Soil	5.6	58.2	17.7	1290	0.7	128.8	12.0	459	2.20	15.2	2.7	1.3	73	5.4	1.6	0.2	53	0.67	0.090	5
1288298	Soil	13.5	35.5	14.9	155	0.4	47.0	12.1	300	2.54	14.9	1.8	2.0	53	0.9	1.4	0.2	69	0.64	0.071	9
1288299	Soil	4.6	33.8	12.8	133	0.3	28.1	7.2	199	1.84	12.0	1.3	0.5	59	3.3	1.1	0.2	78	0.93	0.073	5
1288300	Soil	5.7	25.5	14.0	118	0.2	21.7	4.6	72	2.44	17.7	0.8	1.1	15	0.6	1.2	0.2	50	0.03	0.050	4
1288301	Soil	4.5	23.1	16.2	114	<0.1	27.4	7.6	155	3.60	21.3	<0.5	1.1	15	0.3	1.4	0.2	63	0.03	0.045	5
1288302	Soil	8.5	17.7	8.7	72	0.3	18.6	3.4	50	1.28	11.7	0.8	0.2	13	0.4	0.8	0.1	53	0.08	0.052	4
1288303	Soil	7.9	24.1	15.0	108	<0.1	20.0	4.9	89	2.69	21.8	0.6	1.2	13	0.3	1.4	0.2	67	0.03	0.047	5
1288304	Soil	15.1	32.6	19.9	154	0.4	43.9	6.0	103	2.08	18.3	2.1	0.9	38	0.7	1.9	0.2	69	0.21	0.076	6
1288305	Soil	12.9	48.5	15.5	393	0.9	95.6	7.3	195	1.81	18.8	2.1	1.6	76	3.2	3.4	0.2	143	1.02	0.123	9
1288306	Soil	12.8	34.3	14.4	153	0.5	34.6	8.7	356	2.17	13.3	1.8	1.4	47	1.6	1.5	0.2	57	0.53	0.094	6
1288307	Soil	4.3	29.2	12.9	317	0.4	57.2	2.9	101	1.35	8.1	6.2	1.1	64	7.2	1.5	0.2	56	1.11	0.079	5
1288308	Soil	10.9	41.3	16.2	280	1.1	73.3	8.6	565	1.90	15.3	1.7	1.4	59	2.2	1.8	0.2	73	0.83	0.057	7
1288309	Soil	9.5	24.5	9.1	102	0.4	30.4	4.2	238	1.56	13.5	1.8	0.6	55	2.8	1.9	0.3	52	0.79	0.073	4
1288310	Soil	13.6	38.2	20.9	194	0.4	48.6	8.1	190	1.83	15.7	3.3	2.1	68	1.2	2.8	0.2	66	0.44	0.113	8
1287161	Soil	19.5	52.9	109.5	169	3.5	24.5	4.4	101	4.08	855.7	238.4	2.7	100	1.1	54.1	3.4	91	0.13	0.177	26
1287162	Soil	9.3	54.7	60.5	147	2.5	42.2	6.4	180	2.27	355.4	148.8	2.2	53	2.9	18.6	2.8	54	0.39	0.113	17
1287163	Soil	5.8	34.6	29.8	235	1.6	48.1	2.3	43	1.51	144.1	88.5	1.0	40	3.7	15.0	1.0	31	0.43	0.066	9
1287164	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 05, 2011

CERTIFICATE OF ANALYSIS WHI11001945.1

	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
1288285	Soil	11	0.06	512	0.004	1	0.66	0.007	0.04	<0.1	0.12	2.4	0.2	<0.05	2	2.2	<0.2
1288286	Soil	13	0.09	900	0.002	<1	0.59	0.003	0.05	<0.1	0.07	3.2	0.1	<0.05	2	1.8	<0.2
1288287	Soil	8	0.04	288	0.004	1	0.51	0.008	0.04	<0.1	0.03	1.3	<0.1	<0.05	2	0.9	<0.2
1288288	Soil	14	0.09	196	0.002	<1	0.66	0.003	0.04	<0.1	0.04	3.5	0.1	<0.05	2	2.0	<0.2
1288289	Soil	13	0.09	147	0.003	<1	0.59	0.003	0.04	<0.1	0.03	3.3	0.1	<0.05	2	1.7	<0.2
1288290	Soil	8	0.03	372	0.003	<1	0.61	0.003	0.03	<0.1	0.03	2.3	0.1	<0.05	3	1.4	<0.2
1288291	Soil	10	0.05	358	0.002	<1	0.51	0.003	0.04	<0.1	0.02	3.6	0.1	<0.05	2	1.3	<0.2
1288292	Soil	8	0.03	213	0.006	<1	0.66	0.004	0.03	0.1	0.02	1.7	0.2	<0.05	3	1.0	<0.2
1288293	Soil	14	0.13	1010	0.002	<1	0.65	0.005	0.04	<0.1	0.10	5.0	<0.1	<0.05	2	2.7	<0.2
1288294	Soil	15	0.14	1055	0.002	1	0.64	0.003	0.05	<0.1	0.10	4.4	0.2	<0.05	2	2.7	<0.2
1288295	Soil	15	0.14	1244	<0.001	2	0.76	0.006	0.05	<0.1	0.13	4.1	0.2	<0.05	2	2.5	<0.2
1288296	Soil	14	0.14	1176	<0.001	2	0.74	0.006	0.06	<0.1	0.21	4.6	0.6	0.09	2	2.3	<0.2
1288297	Soil	13	0.11	1123	0.001	2	0.63	0.006	0.05	<0.1	0.14	4.6	0.5	0.11	2	2.8	<0.2
1288298	Soil	19	0.18	949	0.002	3	0.79	0.006	0.06	<0.1	0.09	3.7	0.3	0.07	2	1.0	<0.2
1288299	Soil	12	0.12	934	0.002	2	0.66	0.010	0.04	<0.1	0.06	2.0	0.2	0.10	2	1.3	<0.2
1288300	Soil	11	0.08	333	<0.001	<1	0.54	0.004	0.04	<0.1	0.04	2.1	0.2	<0.05	2	1.0	<0.2
1288301	Soil	21	0.14	261	0.002	2	0.67	0.003	0.04	<0.1	0.01	2.3	0.2	<0.05	3	1.0	<0.2
1288302	Soil	10	0.04	354	0.002	2	0.51	0.009	0.04	<0.1	0.04	0.6	0.2	<0.05	2	0.5	<0.2
1288303	Soil	11	0.07	199	0.001	1	0.56	0.003	0.04	<0.1	0.02	1.9	0.2	<0.05	3	1.3	<0.2
1288304	Soil	13	0.06	929	<0.001	2	0.55	0.004	0.05	<0.1	0.10	2.4	0.3	<0.05	2	1.3	<0.2
1288305	Soil	19	0.13	1333	0.001	3	0.75	0.007	0.05	0.2	0.37	3.7	0.4	0.11	2	1.8	<0.2
1288306	Soil	14	0.12	1100	<0.001	2	0.66	0.006	0.05	<0.1	0.13	3.4	0.2	0.10	2	1.2	<0.2
1288307	Soil	14	0.18	733	0.001	2	0.65	0.007	0.04	<0.1	0.18	2.9	0.3	0.16	2	2.2	<0.2
1288308	Soil	14	0.11	833	0.001	2	0.68	0.006	0.06	<0.1	0.22	3.6	0.3	0.11	2	1.0	<0.2
1288309	Soil	10	0.09	679	0.002	2	0.49	0.012	0.04	<0.1	0.14	1.6	0.1	0.10	1	1.8	<0.2
1288310	Soil	14	0.10	1254	0.002	3	0.43	0.003	0.07	<0.1	0.18	3.1	0.2	0.08	1	1.4	<0.2
1287161	Soil	19	0.08	353	0.009	6	0.63	0.016	0.22	2.2	32.62	1.4	3.7	0.32	3	16.0	<0.2
1287162	Soil	13	0.07	364	0.002	3	0.67	0.013	0.08	1.1	14.85	1.5	2.0	0.10	2	8.4	<0.2
1287163	Soil	13	0.05	235	0.003	5	0.40	0.017	0.10	0.4	8.24	1.2	0.7	0.10	2	5.6	<0.2
1287164	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 05, 2011

CERTIFICATE OF ANALYSIS WHI11001945.1

		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
1287165	Soil		12.8	52.5	49.1	167	1.6	29.3	5.2	119	3.45	488.9	84.1	4.3	71	1.1	29.8	1.7	59	0.21	0.127	20
1287166	Soil		9.6	51.3	24.9	196	1.4	42.2	8.5	169	2.77	86.1	16.3	1.7	57	1.0	9.0	0.6	74	0.27	0.096	11
1287167	Soil		6.0	51.2	15.9	210	1.0	58.0	5.7	166	1.70	47.2	16.5	1.6	70	2.0	10.6	0.5	84	1.10	0.075	8
1287168	Soil		5.6	54.6	25.7	151	2.0	39.2	5.4	161	2.32	106.4	41.4	2.1	66	1.0	15.7	0.6	52	0.62	0.087	11
1287169	Soil		9.4	72.0	96.0	93	0.7	14.8	1.9	43	3.13	50.5	4.6	0.9	239	0.3	7.1	0.2	89	0.06	0.132	3
1287170	Soil		11.6	60.6	84.0	77	4.7	15.5	3.2	57	2.90	35.0	4.2	1.6	147	0.2	3.6	0.4	96	0.05	0.092	5
1287171	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1287172	Soil		17.0	70.6	39.2	218	1.9	50.6	9.6	215	2.42	25.0	3.3	1.5	86	1.2	4.5	0.3	76	0.40	0.079	7
1287173	Soil		44.4	99.4	29.6	500	1.4	123.5	13.1	318	2.95	38.9	3.4	1.8	94	3.4	8.6	0.4	174	0.92	0.077	9
1287174	Soil		140.4	165.5	18.9	2231	2.5	323.8	8.8	107	1.97	88.0	<0.5	1.5	281	18.7	44.0	0.2	953	8.10	0.100	9
1287175	Soil		118.6	157.9	17.4	1753	2.9	344.2	7.2	136	1.78	69.7	2.0	1.2	273	16.3	31.3	0.2	824	7.64	0.111	11
1287176	Soil		67.1	68.5	9.2	270	0.3	162.5	7.8	198	2.29	42.6	1.0	2.4	237	2.7	4.4	<0.1	63	8.91	0.065	9
1287177	Soil		103.2	167.9	28.1	2534	2.5	305.1	10.4	191	2.21	86.5	1.2	2.3	222	18.6	38.3	0.2	712	6.97	0.163	15
1287178	Soil		84.1	276.4	70.7	8281	4.2	188.4	15.8	475	4.30	57.2	6.0	3.8	69	50.8	18.0	0.3	224	1.89	0.133	10
1287179	Soil		58.5	110.8	25.8	705	0.9	142.8	12.0	214	3.32	39.3	0.9	3.4	124	4.3	9.2	0.2	108	3.70	0.141	8
1287180	Soil		18.5	200.1	67.7	235	3.4	58.7	11.6	232	5.86	51.8	10.6	2.3	105	1.6	6.9	0.3	84	0.84	0.661	18
1287821	Soil		18.4	56.0	105.3	141	4.0	19.1	3.5	72	4.62	867.0	205.0	2.6	95	0.7	47.6	4.4	72	0.08	0.180	25
1287822	Soil		14.9	49.5	78.0	129	3.4	20.4	2.9	56	3.73	664.9	143.2	1.3	78	0.5	34.7	3.5	53	0.17	0.141	21
1287823	Soil		7.7	45.9	29.0	117	2.1	27.2	4.3	89	2.24	138.3	30.8	1.6	49	0.6	21.3	0.6	40	0.11	0.081	11
1287824	Soil		9.5	81.9	31.2	223	5.8	80.9	6.1	187	3.13	107.9	41.1	1.7	76	1.1	12.5	0.6	45	0.57	0.109	9
1287825	Soil		2.0	29.3	14.0	67	1.0	24.1	2.8	61	1.07	29.5	13.5	0.8	39	1.3	3.4	0.3	31	0.61	0.055	5
1287826	Soil		4.5	53.7	14.4	157	1.2	44.8	6.2	85	2.01	43.5	12.8	2.2	49	0.9	4.1	0.3	42	0.45	0.074	7
1287827	Soil		13.4	137.7	15.8	603	0.9	68.8	7.1	101	2.48	48.5	2.1	0.7	13	2.6	7.1	0.2	256	0.41	0.236	15
1287828	Soil		54.1	87.8	73.0	1158	1.4	136.0	10.6	199	2.75	163.4	2.7	5.0	36	10.2	17.8	0.3	543	0.57	0.148	19
1287829	Soil		12.0	73.5	24.1	679	0.9	77.2	8.2	166	2.23	49.4	1.5	4.2	21	5.6	6.0	0.2	260	0.63	0.148	14
1287830	Soil		7.8	94.2	18.8	695	0.7	69.7	10.4	192	2.44	31.7	3.6	2.3	19	2.3	4.2	0.2	222	0.29	0.132	6
1287831	Soil		12.9	170.9	32.3	1180	1.9	132.9	23.4	276	3.88	45.9	4.2	4.9	30	5.8	6.6	0.3	276	0.43	0.164	8
1287832	Soil		7.4	133.1	19.3	733	1.9	75.3	14.1	187	2.91	32.2	3.7	3.2	34	5.9	4.2	0.2	200	0.69	0.139	6
1287833	Soil		8.9	118.1	25.2	898	1.5	87.7	17.1	197	2.88	38.4	3.6	3.5	40	7.8	4.8	0.2	268	0.88	0.121	6
1287834	Soil		9.5	137.7	26.7	1084	1.1	108.4	13.7	187	3.14	54.1	2.3	5.2	37	6.4	6.7	0.2	395	0.90	0.164	10

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 05, 2011

CERTIFICATE OF ANALYSIS WHI11001945.1

	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
1287165	Soil	17	0.11	446	0.002	4	0.65	0.007	0.12	1.1	11.43	1.8	1.5	0.17	2	8.8	<0.2
1287166	Soil	20	0.14	623	0.002	4	0.84	0.005	0.09	0.2	2.43	2.6	0.5	0.06	2	3.7	<0.2
1287167	Soil	20	0.14	614	0.003	5	0.71	0.010	0.08	0.1	3.05	2.4	1.5	0.09	2	3.5	<0.2
1287168	Soil	22	0.12	680	0.002	8	0.71	0.008	0.10	0.2	6.56	2.5	0.8	0.05	2	4.9	<0.2
1287169	Soil	30	0.05	992	0.005	3	0.61	0.003	0.05	<0.1	0.22	1.5	0.1	0.06	2	12.1	<0.2
1287170	Soil	28	0.03	843	0.001	4	0.38	0.008	0.23	<0.1	0.34	3.3	0.7	0.53	3	13.4	<0.2
1287171	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1287172	Soil	18	0.11	524	0.010	5	0.35	0.006	0.15	<0.1	0.29	4.4	0.6	0.23	2	5.1	<0.2
1287173	Soil	23	0.21	524	0.002	8	0.43	0.006	0.15	0.1	0.40	4.3	1.1	0.17	2	5.9	<0.2
1287174	Soil	56	1.28	519	0.003	12	0.61	0.005	0.18	0.3	0.95	2.1	2.1	0.18	3	14.5	<0.2
1287175	Soil	51	1.06	822	0.006	9	0.55	0.005	0.17	0.4	0.76	2.7	3.7	0.22	2	10.2	<0.2
1287176	Soil	12	2.78	253	0.001	5	0.20	0.005	0.07	0.1	0.66	2.3	1.3	0.13	<1	3.0	<0.2
1287177	Soil	42	1.65	342	0.005	13	0.52	0.006	0.21	0.2	1.03	3.1	2.5	0.21	2	7.9	<0.2
1287178	Soil	20	0.76	1503	0.002	7	0.58	0.004	0.13	0.2	1.22	4.4	0.8	0.21	3	5.9	0.2
1287179	Soil	17	1.59	365	0.002	9	0.38	0.005	0.14	<0.1	0.80	3.6	0.6	0.24	<1	7.7	<0.2
1287180	Soil	16	0.07	2155	0.006	9	0.89	0.005	0.18	<0.1	0.54	4.5	0.6	0.37	2	6.6	<0.2
1287821	Soil	17	0.09	312	0.003	4	0.63	0.010	0.18	1.9	23.00	1.2	3.9	0.39	3	13.9	0.2
1287822	Soil	14	0.08	510	0.002	4	0.59	0.011	0.15	1.6	17.38	0.8	2.7	0.32	3	8.8	<0.2
1287823	Soil	16	0.07	703	0.002	4	0.54	0.004	0.10	0.2	12.38	2.0	0.5	0.12	2	7.6	<0.2
1287824	Soil	26	0.12	1060	0.001	5	0.75	0.006	0.10	0.1	8.46	3.4	0.4	0.12	2	8.9	<0.2
1287825	Soil	11	0.06	442	0.002	3	0.45	0.011	0.05	<0.1	1.28	1.5	0.2	0.08	1	3.1	<0.2
1287826	Soil	23	0.18	964	0.001	4	0.79	0.007	0.08	<0.1	0.85	2.9	0.2	0.05	2	2.0	<0.2
1287827	Soil	44	1.55	105	0.026	2	1.91	0.009	0.13	0.1	0.08	1.3	0.7	<0.05	6	2.1	<0.2
1287828	Soil	65	1.89	172	0.063	2	1.87	0.008	0.39	0.3	0.15	3.1	1.2	0.11	6	10.0	<0.2
1287829	Soil	44	1.92	166	0.072	1	2.18	0.006	0.19	0.2	0.07	2.0	0.7	<0.05	6	1.9	<0.2
1287830	Soil	40	1.46	296	0.066	1	2.65	0.015	0.24	0.1	0.03	1.5	0.4	<0.05	7	2.9	<0.2
1287831	Soil	52	2.21	297	0.084	2	3.82	0.011	0.41	0.1	0.07	2.7	0.6	0.06	8	3.4	<0.2
1287832	Soil	40	1.72	305	0.075	2	2.98	0.016	0.38	0.1	0.07	2.1	0.4	0.06	8	3.7	<0.2
1287833	Soil	47	2.27	300	0.079	2	3.07	0.021	0.43	<0.1	0.06	2.6	0.4	0.06	8	3.0	<0.2
1287834	Soil	64	2.85	401	0.118	2	3.61	0.018	0.64	0.2	0.07	3.4	0.6	0.08	10	2.7	<0.2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 05, 2011

CERTIFICATE OF ANALYSIS WHI11001945.1

		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
1287835	Soil		3.0	70.6	16.9	410	0.7	64.1	13.5	327	2.74	21.2	3.2	3.2	40	2.6	1.7	0.2	200	1.12	0.113	10
1287836	Soil		1.1	21.1	12.4	156	0.3	28.6	6.3	206	1.76	13.1	3.4	3.6	69	0.9	1.5	0.2	82	1.23	0.076	7
1287837	Soil		0.9	12.5	8.7	68	0.2	15.9	5.5	274	1.36	5.7	1.0	2.9	302	0.6	0.8	0.1	36	9.86	0.076	6
1287838	Soil		0.3	6.3	6.8	31	<0.1	8.7	3.3	232	1.29	2.9	0.8	2.5	166	0.1	0.6	<0.1	38	2.04	0.034	6
1287839	Soil		1.0	37.7	10.4	135	0.2	21.1	7.0	296	1.64	8.7	3.9	2.8	59	1.1	0.8	0.1	66	1.32	0.091	8
1287840	Soil		1.0	44.9	10.8	100	0.4	29.1	12.1	385	2.63	18.8	5.3	2.5	102	0.8	0.9	0.2	64	5.39	0.075	9
1287841	Soil		1.8	52.0	12.5	94	0.3	32.8	15.5	607	3.00	50.4	13.8	2.0	188	1.0	1.6	0.2	47	11.56	0.080	9
1287842	Soil		2.2	47.4	10.8	120	0.3	37.8	13.8	503	2.53	19.6	4.1	2.8	42	1.0	1.4	0.2	154	1.34	0.072	8
1287843	Soil		22.7	44.2	18.3	457	0.5	107.9	9.4	203	1.92	53.5	0.9	6.1	19	3.5	6.0	0.3	408	1.16	0.084	12
1287844	Soil		13.0	46.9	15.8	484	0.7	99.9	9.3	207	1.96	30.8	1.0	3.4	24	3.5	4.7	0.2	329	0.95	0.184	15
1287845	Soil		30.9	45.3	34.4	670	0.5	86.5	8.8	143	2.00	57.4	1.6	1.0	11	2.9	8.6	0.3	496	0.10	0.069	13
1287846	Soil		0.7	17.0	4.0	15	0.1	3.2	1.0	26	0.50	5.0	1.3	0.1	6	<0.1	0.4	0.1	13	0.04	0.026	2
1287847	Soil		1.9	43.5	12.3	42	0.7	9.0	2.1	69	1.68	24.6	19.9	0.5	11	<0.1	2.3	0.2	27	0.08	0.067	4
1287848	Soil		1.2	20.0	4.9	18	0.5	4.7	1.4	36	0.79	10.0	1.8	0.2	9	0.1	0.7	<0.1	20	0.11	0.056	3
1287849	Soil		8.1	175.6	62.4	206	1.2	42.6	6.3	239	8.80	116.1	9.1	9.2	32	0.1	10.3	0.6	92	0.03	0.181	13
1287850	Soil		0.2	6.1	0.9	3	0.1	1.0	0.4	11	0.17	0.8	<0.5	<0.1	5	<0.1	<0.1	<0.1	3	0.02	0.011	<1
1287891	Soil		1.5	29.0	11.4	112	0.8	33.1	4.6	161	2.23	10.8	4.1	0.6	60	0.9	1.0	0.2	48	1.54	0.215	18
1287892	Soil		1.0	16.9	4.5	36	0.4	8.8	2.4	83	0.98	4.7	1.6	<0.1	9	0.1	0.4	0.2	14	0.04	0.049	2
1287893	Soil		2.6	49.7	11.6	123	0.4	40.6	7.6	168	2.57	19.5	8.6	1.2	19	0.3	1.9	0.2	37	0.06	0.070	8
1287894	Soil		3.0	30.9	11.8	82	0.7	21.9	4.3	115	2.51	24.7	15.8	0.3	12	0.2	2.3	0.2	52	0.04	0.077	7
1287895	Soil		1.6	16.3	19.7	18	0.9	4.8	1.1	36	1.63	11.1	2.7	1.2	15	<0.1	2.3	0.2	19	0.05	0.023	2
1287896	Soil		1.6	18.7	15.0	34	0.6	9.8	2.3	44	1.30	9.1	2.5	0.6	15	<0.1	1.3	0.2	24	0.02	0.047	4
1287897	Soil		2.3	20.3	16.2	51	0.8	12.2	2.1	44	1.42	11.7	3.9	0.6	18	0.1	0.9	0.3	37	0.02	0.066	4
1287898	Soil		2.5	40.8	16.4	121	1.0	38.2	8.6	211	3.02	21.1	3.0	1.4	26	0.3	2.5	0.3	31	0.08	0.121	4
1287899	Soil		2.4	40.7	17.7	92	1.1	25.9	4.3	150	2.54	20.8	4.0	1.0	33	0.2	1.7	0.3	36	0.02	0.081	5
1287900	Soil		2.7	40.4	10.3	100	0.6	32.3	6.9	152	2.22	10.8	4.4	1.7	19	0.3	1.3	0.2	31	0.06	0.057	8

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 05, 2011

CERTIFICATE OF ANALYSIS WHI11001945.1

	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
1287835	Soil	50	2.92	379	0.087	1	3.14	0.024	0.15	<0.1	0.02	4.1	0.4	<0.05	9	<0.5	<0.2
1287836	Soil	28	2.56	644	0.085	1	2.59	0.054	0.33	<0.1	0.01	3.2	0.4	<0.05	7	<0.5	<0.2
1287837	Soil	22	2.09	669	0.042	1	1.86	0.048	0.26	<0.1	0.01	2.5	0.2	0.07	5	<0.5	<0.2
1287838	Soil	27	2.87	384	0.050	<1	2.51	0.106	0.09	<0.1	0.01	2.9	0.2	<0.05	7	<0.5	<0.2
1287839	Soil	24	2.13	477	0.057	1	2.08	0.059	0.22	<0.1	<0.01	2.9	0.3	<0.05	6	<0.5	<0.2
1287840	Soil	28	2.41	421	0.080	1	2.14	0.019	0.21	<0.1	0.02	3.7	0.2	0.08	7	<0.5	<0.2
1287841	Soil	22	1.65	400	0.073	1	1.68	0.017	0.24	<0.1	0.02	3.4	0.2	0.10	5	0.6	<0.2
1287842	Soil	39	1.88	213	0.128	2	2.12	0.035	0.18	0.1	0.02	3.8	0.3	<0.05	7	<0.5	<0.2
1287843	Soil	57	2.88	135	0.071	1	2.10	0.005	0.30	0.2	0.04	3.2	1.3	<0.05	6	1.0	<0.2
1287844	Soil	55	2.23	93	0.039	2	1.78	0.010	0.23	0.2	0.03	2.7	0.7	<0.05	5	1.4	<0.2
1287845	Soil	39	1.37	69	0.041	2	1.37	0.009	0.10	0.3	0.08	1.8	0.6	<0.05	4	3.6	<0.2
1287846	Soil	4	0.04	14	0.019	<1	0.50	0.023	0.02	<0.1	0.01	0.2	<0.1	<0.05	2	<0.5	<0.2
1287847	Soil	11	0.15	41	0.022	<1	0.79	0.018	0.06	0.1	0.03	0.7	0.2	<0.05	2	1.4	<0.2
1287848	Soil	6	0.06	24	0.022	<1	0.41	0.023	0.03	<0.1	0.03	0.4	<0.1	<0.05	1	0.6	<0.2
1287849	Soil	42	0.61	167	0.056	<1	1.93	0.008	0.29	0.1	0.05	3.7	0.6	0.20	6	8.5	0.2
1287850	Soil	<1	0.01	13	0.007	<1	0.25	0.021	0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
1287891	Soil	30	0.20	596	0.005	4	0.99	0.007	0.06	<0.1	0.12	1.9	<0.1	0.25	2	1.4	<0.2
1287892	Soil	5	0.05	77	0.004	1	0.49	0.015	0.03	<0.1	0.04	0.3	<0.1	<0.05	2	0.5	<0.2
1287893	Soil	19	0.20	117	0.007	1	1.13	0.009	0.05	0.1	0.06	2.1	0.1	<0.05	3	0.9	<0.2
1287894	Soil	20	0.09	132	0.006	1	0.79	0.004	0.04	0.2	0.10	0.8	0.1	<0.05	3	1.6	<0.2
1287895	Soil	11	0.04	368	<0.001	2	0.29	0.007	0.12	<0.1	0.20	1.1	0.2	0.17	2	3.5	<0.2
1287896	Soil	15	0.08	274	0.002	2	0.66	0.008	0.06	<0.1	0.06	0.8	0.1	<0.05	3	1.5	<0.2
1287897	Soil	15	0.03	253	0.001	<1	0.50	0.005	0.07	<0.1	0.07	0.6	0.2	<0.05	2	1.8	<0.2
1287898	Soil	23	0.06	569	0.002	3	0.76	0.006	0.11	<0.1	0.15	2.6	0.2	<0.05	2	2.8	<0.2
1287899	Soil	19	0.07	257	0.002	1	0.69	0.005	0.10	<0.1	0.07	1.3	0.2	0.08	3	2.3	<0.2
1287900	Soil	16	0.16	118	0.005	<1	0.68	0.003	0.05	0.1	0.08	1.8	0.1	<0.05	2	1.1	<0.2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 05, 2011

QUALITY CONTROL REPORT WHI11001945.1

	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																					
1279103	Soil	13.1	46.6	112.5	126	7.1	13.2	2.7	22	11.77	1851	553.2	10.6	163	0.4	156.5	5.2	54	0.01	0.230	25
REP 1279103	QC	13.3	45.2	110.2	129	6.9	12.7	2.6	22	11.60	1842	557.0	10.5	161	0.4	155.2	5.1	54	0.01	0.235	25
1288714	Soil	25.8	68.6	119.8	22	4.8	4.9	0.5	9	0.77	62.6	33.0	2.7	137	0.6	61.3	0.3	186	0.03	0.078	17
REP 1288714	QC	25.4	69.1	119.5	22	4.8	4.8	0.5	9	0.77	62.3	26.9	2.6	132	0.6	60.3	0.3	189	0.03	0.077	16
1287859	Soil	3.8	72.3	41.6	233	1.7	70.6	21.4	582	7.43	48.6	6.0	2.6	52	0.6	1.9	0.3	37	0.52	0.119	4
REP 1287859	QC	3.6	74.3	41.4	239	1.6	71.0	21.5	572	7.22	48.2	7.8	2.5	53	0.7	1.9	0.3	38	0.53	0.123	4
1288268	Soil	3.0	53.1	14.8	72	0.5	22.8	2.6	57	2.59	92.2	42.4	1.3	60	0.2	3.7	0.2	43	0.02	0.070	8
REP 1288268	QC	3.0	52.2	15.1	74	0.5	22.7	2.7	57	2.61	92.8	43.5	1.3	61	0.2	3.7	0.2	42	0.02	0.067	9
1288514	Soil	7.8	32.7	23.9	125	0.3	26.5	4.1	71	2.14	104.3	5.1	1.0	21	0.4	6.3	0.6	73	0.02	0.056	20
REP 1288514	QC	8.0	30.9	23.9	119	0.3	24.8	4.0	67	2.03	102.0	7.1	1.2	21	0.4	6.1	0.6	69	0.02	0.056	21
1287062	Soil	3.1	38.8	18.6	66	0.2	25.0	6.5	138	2.42	186.2	3.4	0.3	9	0.2	2.0	0.4	40	0.03	0.058	7
REP 1287062	QC	3.3	38.8	18.9	69	0.2	25.3	6.5	144	2.50	190.6	2.8	0.2	9	0.2	2.0	0.3	41	0.03	0.059	7
1287906	Soil	21.5	48.5	19.6	290	0.9	61.7	8.4	288	1.94	18.1	2.1	0.7	30	2.9	4.1	0.3	103	0.14	0.062	6
REP 1287906	QC	20.3	44.7	19.5	271	0.9	58.8	7.9	276	1.82	17.6	3.0	0.7	29	3.1	3.9	0.3	97	0.14	0.063	6
1287910	Soil	19.1	16.9	11.0	101	1.2	24.3	2.1	24	0.57	9.5	0.6	0.2	13	0.3	3.4	0.1	136	0.03	0.041	8
REP 1287910	QC	18.8	16.8	11.2	101	1.2	22.5	2.0	24	0.56	9.7	1.0	0.2	15	0.3	3.2	0.1	147	0.03	0.041	9
1288286	Soil	4.9	46.6	18.3	169	0.6	37.8	8.4	115	3.30	19.7	1.9	1.3	16	0.5	1.6	0.3	43	0.02	0.066	4
REP 1288286	QC	4.7	46.6	18.6	170	0.6	37.0	8.2	113	3.26	19.3	2.1	1.3	17	0.5	1.6	0.3	42	0.01	0.066	4
1287172	Soil	17.0	70.6	39.2	218	1.9	50.6	9.6	215	2.42	25.0	3.3	1.5	86	1.2	4.5	0.3	76	0.40	0.079	7
REP 1287172	QC	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.
1287830	Soil	7.8	94.2	18.8	695	0.7	69.7	10.4	192	2.44	31.7	3.6	2.3	19	2.3	4.2	0.2	222	0.29	0.132	6
REP 1287830	QC	8.6	95.9	18.3	735	0.6	68.0	10.8	198	2.49	33.3	4.7	2.1	20	2.5	4.5	0.2	220	0.29	0.137	6
1287845	Soil	30.9	45.3	34.4	670	0.5	86.5	8.8	143	2.00	57.4	1.6	1.0	11	2.9	8.6	0.3	496	0.10	0.069	13
REP 1287845	QC	30.8	47.5	33.2	684	0.5	86.8	8.9	143	1.96	57.6	1.4	1.2	11	2.9	9.0	0.3	486	0.10	0.068	15
1287891	Soil	1.5	29.0	11.4	112	0.8	33.1	4.6	161	2.23	10.8	4.1	0.6	60	0.9	1.0	0.2	48	1.54	0.215	18
REP 1287891	QC	1.5	27.6	10.7	105	0.8	32.1	4.5	153	2.19	9.0	3.5	0.5	57	0.8	0.8	0.2	43	1.45	0.194	17
Reference Materials																					
STD DS8	Standard	12.7	118.0	129.1	311	1.7	40.6	7.8	600	2.44	25.5	114.0	6.9	67	2.4	5.2	6.8	45	0.69	0.074	14

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 05, 2011

QUALITY CONTROL REPORT WHI11001945.1

	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																	
1279103	Soil	20	0.05	118	0.003	7	0.60	0.017	0.42	1.7	31.57	2.1	7.9	1.45	4	26.3	0.4
REP 1279103	QC	20	0.05	132	0.014	8	0.61	0.018	0.45	1.6	30.79	2.2	7.7	1.48	4	24.4	0.3
1288714	Soil	20	0.01	459	0.002	5	0.43	0.003	0.09	2.2	9.64	1.3	2.2	0.10	2	20.6	0.4
REP 1288714	QC	20	0.01	456	0.004	5	0.44	0.003	0.09	2.2	8.60	1.3	2.1	0.12	2	20.4	0.2
1287859	Soil	27	0.21	388	0.002	3	1.11	0.004	0.10	<0.1	0.50	6.6	0.2	0.08	3	4.3	<0.2
REP 1287859	QC	27	0.20	371	0.001	3	1.06	0.005	0.09	<0.1	0.49	6.5	0.2	0.09	3	4.3	<0.2
1288268	Soil	22	0.04	249	0.003	2	0.57	0.002	0.08	0.1	1.38	1.5	0.1	0.07	3	4.3	0.3
REP 1288268	QC	22	0.04	253	0.004	2	0.57	0.002	0.08	0.2	1.42	1.5	0.1	0.06	3	3.7	<0.2
1288514	Soil	11	0.04	122	0.004	2	0.61	0.003	0.05	0.3	0.68	0.9	0.3	<0.05	4	1.9	<0.2
REP 1288514	QC	10	0.04	125	0.003	1	0.62	0.003	0.05	0.3	0.73	0.9	0.3	<0.05	3	1.8	<0.2
1287062	Soil	11	0.03	98	0.004	<1	0.41	0.004	0.04	0.1	0.10	0.9	0.2	<0.05	2	0.9	<0.2
REP 1287062	QC	11	0.03	98	0.004	1	0.41	0.002	0.04	0.1	0.08	0.8	0.2	<0.05	2	1.5	<0.2
1287906	Soil	13	0.05	329	0.002	3	0.50	0.005	0.07	0.1	0.16	2.3	0.6	0.06	2	2.1	<0.2
REP 1287906	QC	13	0.05	336	0.001	3	0.49	0.005	0.07	<0.1	0.15	2.2	0.5	0.06	1	1.6	<0.2
1287910	Soil	14	0.05	144	0.003	4	0.39	0.004	0.05	0.1	0.04	0.4	0.5	<0.05	3	0.8	<0.2
REP 1287910	QC	15	0.05	137	0.003	3	0.39	0.004	0.05	0.1	0.04	0.4	0.5	<0.05	3	0.7	<0.2
1288286	Soil	13	0.09	900	0.002	<1	0.59	0.003	0.05	<0.1	0.07	3.2	0.1	<0.05	2	1.8	<0.2
REP 1288286	QC	13	0.09	911	0.002	1	0.59	0.002	0.05	<0.1	0.07	3.2	0.1	<0.05	2	1.4	<0.2
1287172	Soil	18	0.11	524	0.010	5	0.35	0.006	0.15	<0.1	0.29	4.4	0.6	0.23	2	5.1	<0.2
REP 1287172	QC	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.
1287830	Soil	40	1.46	296	0.066	1	2.65	0.015	0.24	0.1	0.03	1.5	0.4	<0.05	7	2.9	<0.2
REP 1287830	QC	39	1.42	297	0.072	<1	2.67	0.018	0.24	0.2	0.06	1.3	0.4	0.08	7	3.0	<0.2
1287845	Soil	39	1.37	69	0.041	2	1.37	0.009	0.10	0.3	0.08	1.8	0.6	<0.05	4	3.6	<0.2
REP 1287845	QC	39	1.38	69	0.046	1	1.38	0.009	0.10	0.3	0.06	1.8	0.7	<0.05	5	3.5	<0.2
1287891	Soil	30	0.20	596	0.005	4	0.99	0.007	0.06	<0.1	0.12	1.9	<0.1	0.25	2	1.4	<0.2
REP 1287891	QC	29	0.16	564	0.003	3	0.91	0.006	0.05	<0.1	0.11	1.6	<0.1	0.13	2	1.0	<0.2
Reference Materials																	
STD DS8	Standard	124	0.61	267	0.120	3	0.98	0.111	0.44	2.9	0.20	4.7	5.5	0.16	5	5.2	5.1

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 05, 2011

QUALITY CONTROL REPORT WHI11001945.1

		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	12.6	103.3	122.4	291	1.8	36.5	6.9	573	2.23	25.5	101.3	7.1	65	2.1	5.8	6.9	40	0.66	0.078	14
STD DS8	Standard	12.9	108.0	117.6	302	1.8	37.5	7.3	589	2.40	26.1	110.2	7.0	69	2.4	5.7	6.9	42	0.68	0.079	15
STD DS8	Standard	13.6	113.3	120.5	313	1.8	37.9	7.6	620	2.45	27.3	105.4	6.8	71	2.4	6.1	6.7	43	0.71	0.076	17
STD DS8	Standard	11.7	99.5	122.3	291	1.8	35.9	7.1	565	2.33	25.4	116.0	6.6	69	2.1	5.4	6.4	38	0.66	0.075	15
STD DS8	Standard	13.3	106.5	124.4	292	1.8	36.6	7.0	587	2.39	24.7	112.1	6.7	62	2.2	5.0	6.3	40	0.68	0.079	16
STD DS8	Standard	12.4	102.5	119.3	295	1.7	35.1	7.1	584	2.39	25.7	99.0	6.5	65	2.2	5.4	5.5	39	0.66	0.074	15
STD DS8	Standard	12.6	104.3	117.1	271	1.6	36.2	7.2	547	2.23	24.0	101.6	6.6	58	2.1	4.7	5.7	40	0.63	0.069	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	<0.01	<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

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 05, 2011

QUALITY CONTROL REPORT WHI11001945.1

		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	111	0.59	278	0.105	2	0.89	0.102	0.42	2.8	0.20	2.1	5.4	0.16	4	4.3	4.9
STD DS8	Standard	115	0.60	287	0.113	2	0.93	0.105	0.43	3.1	0.20	2.6	5.2	0.15	5	5.1	4.8
STD DS8	Standard	120	0.60	290	0.130	4	0.99	0.090	0.44	3.0	0.09	2.7	5.4	0.16	5	5.3	4.5
STD DS8	Standard	107	0.58	265	0.109	2	0.88	0.091	0.40	2.9	0.21	2.2	5.2	0.16	4	4.9	4.6
STD DS8	Standard	109	0.58	274	0.109	3	0.87	0.102	0.40	3.1	0.19	2.4	5.3	0.16	5	4.7	4.7
STD DS8	Standard	113	0.58	260	0.110	3	0.90	0.096	0.44	2.7	0.23	2.0	4.8	0.12	5	4.3	4.6
STD DS8	Standard	111	0.55	251	0.108	2	0.83	0.080	0.36	2.7	0.18	2.1	5.1	0.13	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
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

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.

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

www.acmelab.com

Client: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Submitted By: Linda Dandy
Receiving Lab: Canada-Whitehorse
Received: September 25, 2011
Report Date: December 06, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS WHI11001883.1

CLIENT JOB INFORMATION

Project: Oro Property
Shipment ID: #31
P.O. Number
Number of Samples: 320

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT-SOIL Store Soil Reject - RJSV Charges Apply

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
S230	320	Sieve soil to 230 mesh			WHI
RJSV	320	Saving all or part of Soil Reject			WHI
1DX2	319	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Colorado Resources Ltd.
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6
Canada

CC: Dugald Dunlop
Adam Travis

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001883.1

		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
1286791	Soil		11.4	48.5	16.6	377	0.6	72.4	10.7	330	3.02	47.8	3.1	3.3	53	3.5	3.0	0.2	79	0.70	0.119	12
1286792	Soil		15.4	68.1	20.1	1075	0.9	148.7	10.6	113	2.26	40.9	3.3	4.4	58	8.6	4.8	0.2	120	0.83	0.188	14
1286281	Soil		3.8	30.2	22.5	146	0.7	33.8	71.9	1756	2.65	18.4	3.8	2.2	48	0.7	1.2	0.2	46	0.38	0.086	4
1286282	Soil		3.4	30.2	16.9	155	0.8	41.1	21.8	276	2.74	14.6	3.4	3.1	40	0.6	1.4	0.2	47	0.16	0.075	7
1286283	Soil		0.5	8.4	4.2	30	0.2	9.6	2.7	39	0.72	3.4	0.6	0.3	17	0.1	0.3	<0.1	16	0.14	0.057	2
1286284	Soil		3.9	22.4	16.8	132	0.5	32.4	10.2	228	2.90	18.9	4.1	2.2	28	0.8	1.3	0.2	50	0.16	0.084	5
1286285	Soil		3.5	28.0	18.4	184	0.2	46.8	15.4	1277	4.15	36.0	1.6	2.6	52	0.6	1.0	0.2	33	0.26	0.064	3
1286761	Soil		8.4	38.7	18.4	173	0.4	39.4	5.7	112	2.46	22.6	3.1	0.9	28	0.8	2.9	0.2	70	0.08	0.092	7
1286762	Soil		25.4	54.0	25.1	317	0.5	60.1	7.1	151	3.17	28.5	5.5	2.1	39	0.6	4.3	0.2	111	0.07	0.088	10
1286763	Soil		14.1	114.1	22.3	922	1.0	155.1	14.7	246	3.15	26.7	6.9	3.8	73	7.0	3.9	0.2	89	0.32	0.123	12
1286764	Soil		10.3	44.7	18.6	170	1.1	51.5	4.8	116	1.68	24.4	5.5	1.4	60	1.6	4.2	0.2	107	0.39	0.102	7
1286765	Soil		3.9	13.3	8.6	56	0.1	9.7	1.3	22	0.53	6.6	1.7	0.2	10	0.4	1.2	0.1	48	0.02	0.038	10
1286766	Soil		9.2	22.5	20.6	150	0.4	25.7	4.4	118	2.39	31.2	2.8	1.2	30	0.5	3.7	0.2	109	0.04	0.067	9
1286767	Soil		4.3	30.0	19.2	241	1.1	36.0	2.4	42	0.99	14.5	5.0	2.3	65	1.8	2.1	0.2	76	0.40	0.105	10
1286768	Soil		13.8	48.1	15.9	335	1.2	56.7	11.9	320	2.36	56.0	11.1	2.0	64	3.3	5.1	0.1	95	0.49	0.153	11
1286769	Soil		10.9	26.5	15.7	114	0.9	22.5	1.6	39	0.99	18.2	6.4	0.8	36	1.8	3.2	0.1	67	0.14	0.080	7
1286770	Soil		21.7	41.6	16.6	418	0.8	62.9	6.4	128	2.10	25.8	2.5	2.6	61	5.1	6.4	0.2	126	0.39	0.137	12
1284321	Soil		2.3	14.1	7.7	58	0.8	11.3	3.3	183	0.91	10.0	3.4	1.1	46	0.5	1.0	0.1	42	0.73	0.064	4
1284322	Soil		3.2	28.2	10.9	115	0.7	23.7	6.2	230	2.14	13.6	2.7	1.3	34	1.5	1.7	0.1	50	0.44	0.084	6
1284323	Soil		5.5	67.3	15.2	223	1.9	58.1	10.9	1306	2.03	22.4	8.5	1.9	58	3.9	3.3	0.2	78	0.97	0.094	7
1284324	Soil		2.1	27.7	8.6	160	1.7	26.1	6.6	243	0.84	9.3	4.8	0.8	38	1.4	1.4	<0.1	42	0.47	0.064	4
1287951	Soil		5.5	40.1	12.3	228	0.8	97.8	11.4	493	1.35	27.8	1.8	1.0	43	2.7	3.7	0.1	81	1.32	0.131	6
1287952	Soil		3.5	28.9	15.8	809	0.8	186.9	4.8	23	0.63	12.6	4.8	1.6	36	1.7	7.3	0.1	75	0.62	0.101	9
1287953	Soil		11.7	61.0	13.5	270	1.0	93.6	6.8	230	2.11	36.0	4.5	1.3	42	1.9	4.8	0.1	146	0.34	0.247	11
1287954	Soil		8.6	103.5	26.0	212	1.7	119.5	8.1	187	2.10	23.5	4.5	1.8	65	3.4	3.5	0.2	99	0.62	0.211	13
1287955	Soil		5.8	42.3	17.4	136	0.9	33.9	5.8	246	1.95	21.7	4.1	1.9	69	1.1	2.5	0.2	80	0.78	0.128	8
1288951	Soil		10.0	15.2	11.7	85	0.1	19.3	3.1	50	1.19	16.2	1.5	1.0	10	0.5	1.6	0.1	81	0.03	0.041	11
1288952	Soil		10.6	42.7	17.3	226	0.2	46.4	9.3	174	2.72	21.5	2.6	2.3	23	0.7	2.4	0.2	58	0.14	0.069	11
1288953	Soil		10.7	32.6	15.1	161	0.2	36.6	5.9	113	2.34	24.2	2.3	2.2	17	0.5	2.4	0.2	63	0.07	0.078	12
1288954	Soil		6.7	19.3	21.6	146	0.4	27.4	4.2	82	2.00	17.3	<0.5	1.4	26	0.4	1.4	0.2	58	0.05	0.114	16

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001883.1

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
1286791	Soil	18	0.15	1242	0.003	3	0.81	0.006	0.08	0.1	0.38	3.3	0.3	0.07	2	2.0	<0.2
1286792	Soil	20	0.16	902	0.002	5	0.61	0.005	0.09	<0.1	0.88	4.1	0.6	<0.05	2	3.0	<0.2
1286281	Soil	24	0.23	890	0.001	<1	1.15	0.010	0.07	<0.1	0.17	3.2	0.2	<0.05	3	1.5	<0.2
1286282	Soil	23	0.24	1614	0.002	2	1.20	0.007	0.07	<0.1	0.29	3.9	0.2	<0.05	3	2.6	<0.2
1286283	Soil	5	0.05	384	0.007	1	0.44	0.033	0.04	<0.1	0.05	1.0	<0.1	<0.05	1	0.7	<0.2
1286284	Soil	19	0.20	1024	0.002	2	1.15	0.010	0.08	<0.1	0.15	3.1	0.2	<0.05	3	2.3	<0.2
1286285	Soil	21	0.32	1091	<0.001	<1	1.07	0.005	0.08	<0.1	0.11	3.6	0.1	<0.05	3	0.8	<0.2
1286761	Soil	18	0.11	828	0.003	2	0.71	0.008	0.07	0.2	0.19	1.3	0.4	0.05	3	2.4	<0.2
1286762	Soil	24	0.14	506	0.005	4	1.12	0.007	0.09	0.2	0.43	2.3	0.5	<0.05	4	4.0	<0.2
1286763	Soil	28	0.21	1355	0.004	5	1.17	0.005	0.10	0.1	0.55	4.1	0.4	0.06	3	3.5	<0.2
1286764	Soil	20	0.13	1960	0.003	3	0.85	0.010	0.08	0.2	0.77	2.1	0.5	0.07	3	1.9	<0.2
1286765	Soil	10	0.03	216	0.004	2	0.47	0.007	0.05	<0.1	0.06	0.3	0.2	<0.05	3	0.5	<0.2
1286766	Soil	19	0.09	387	0.004	3	0.79	0.005	0.07	0.1	0.11	1.4	0.4	<0.05	4	2.1	<0.2
1286767	Soil	20	0.14	2547	0.002	4	0.79	0.005	0.08	0.1	1.20	2.3	0.5	0.05	2	1.9	<0.2
1286768	Soil	21	0.12	1137	0.002	3	0.61	0.005	0.08	0.1	1.21	2.7	0.4	0.06	2	4.2	<0.2
1286769	Soil	15	0.05	1120	0.002	<1	0.51	0.005	0.05	0.1	0.49	1.0	0.4	<0.05	2	3.3	<0.2
1286770	Soil	21	0.15	2368	0.004	3	0.74	0.005	0.10	0.1	0.39	2.5	0.4	<0.05	2	3.3	0.2
1284321	Soil	12	0.11	900	0.004	2	0.58	0.021	0.05	0.1	0.30	1.2	0.1	<0.05	2	3.0	<0.2
1284322	Soil	11	0.13	752	0.004	2	0.73	0.018	0.06	<0.1	0.31	1.8	0.2	0.06	2	2.3	<0.2
1284323	Soil	19	0.18	1431	0.005	5	1.08	0.017	0.12	0.2	0.55	3.5	0.4	0.06	3	2.4	0.2
1284324	Soil	10	0.09	775	0.006	2	0.56	0.027	0.05	<0.1	0.44	1.8	0.2	<0.05	2	2.7	<0.2
1287951	Soil	14	0.19	559	0.004	5	0.86	0.016	0.07	0.1	0.56	1.9	0.3	0.12	2	2.9	<0.2
1287952	Soil	16	0.14	644	0.004	3	0.74	0.013	0.08	0.2	0.68	2.1	0.4	0.11	2	4.9	<0.2
1287953	Soil	18	0.13	789	0.005	3	0.74	0.007	0.10	0.2	0.60	2.0	0.5	<0.05	2	2.0	<0.2
1287954	Soil	22	0.13	2106	0.004	3	0.94	0.007	0.11	0.2	0.69	3.3	0.5	0.05	3	2.1	<0.2
1287955	Soil	19	0.20	1089	0.003	2	0.95	0.008	0.08	0.1	0.57	2.5	0.2	0.05	3	1.8	<0.2
1288951	Soil	11	0.07	308	0.004	2	0.72	0.007	0.05	0.1	0.05	1.0	0.3	<0.05	3	0.7	<0.2
1288952	Soil	16	0.18	724	0.003	1	0.76	0.005	0.07	0.1	0.14	2.7	0.2	<0.05	2	1.6	<0.2
1288953	Soil	15	0.14	438	0.002	1	0.73	0.004	0.06	0.1	0.10	2.1	0.2	<0.05	2	1.4	<0.2
1288954	Soil	12	0.08	207	0.004	<1	0.63	0.004	0.09	<0.1	0.03	1.2	0.2	<0.05	3	1.9	<0.2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001883.1

		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
1288955	Soil		7.2	20.5	18.5	116	0.6	22.2	3.0	62	1.02	18.2	<0.5	0.6	40	0.5	1.8	0.2	76	0.11	0.076	12
1288956	Soil		13.4	34.9	17.4	228	0.4	47.8	7.2	157	2.61	32.9	1.8	1.9	36	1.4	2.9	0.2	89	0.46	0.075	11
1288957	Soil		12.3	44.7	21.3	233	0.4	60.4	11.4	191	2.76	29.9	3.3	3.4	17	0.8	3.2	0.2	62	0.06	0.069	12
1288958	Soil		9.5	32.1	15.4	180	0.8	39.4	6.0	157	1.97	24.4	1.8	1.6	33	1.2	2.2	0.2	78	0.38	0.088	12
1288959	Soil		9.6	36.3	15.8	203	0.5	46.6	8.0	190	2.05	22.4	1.7	2.7	47	1.5	2.5	0.2	73	0.49	0.097	11
1288960	Soil		16.0	52.3	15.4	278	0.6	64.6	9.2	252	2.16	33.6	4.1	3.9	55	2.6	4.9	0.2	95	0.51	0.145	16
1289011	Soil		12.2	50.1	36.3	123	0.5	33.3	8.5	426	3.50	48.2	2.4	0.4	16	0.6	5.0	0.3	44	0.12	0.150	6
1289012	Soil		7.5	45.1	33.0	172	2.1	34.8	9.9	189	2.00	24.1	2.2	0.3	23	1.0	3.9	0.2	34	0.22	0.137	3
1289013	Soil		5.0	31.0	9.5	146	0.1	20.5	5.3	51	1.86	12.8	0.8	<0.1	5	0.1	2.1	0.2	28	<0.01	0.044	2
1289014	Soil		1.0	16.4	15.3	32	<0.1	23.0	13.4	350	2.87	16.5	0.6	1.2	5	<0.1	1.7	0.4	10	0.02	0.044	3
1289015	Soil		1.5	10.3	5.2	48	<0.1	17.5	6.6	105	3.51	30.8	<0.5	0.6	5	<0.1	1.0	0.3	24	<0.01	0.056	3
1289016	Soil		7.3	59.9	30.2	493	0.6	43.0	9.6	811	4.98	25.7	6.4	2.2	22	2.9	4.5	0.2	44	0.58	0.190	12
1289017	Soil		8.5	62.2	33.2	429	0.2	42.7	10.0	1042	6.33	30.4	5.5	1.9	20	2.6	6.4	0.2	51	0.40	0.186	11
1289018	Soil		2.9	63.8	12.5	118	0.4	22.3	6.3	177	1.68	10.8	4.8	0.5	32	0.9	3.7	0.2	18	1.40	0.071	3
1289019	Soil		3.4	45.6	12.3	156	0.3	19.3	4.8	215	2.08	17.1	6.5	0.6	20	0.8	7.8	0.1	21	0.50	0.094	5
1289221	Soil		17.9	78.5	28.1	438	1.3	98.2	9.1	116	3.41	81.9	5.9	2.1	223	1.4	8.1	0.3	116	0.40	0.385	17
1289222	Soil		7.8	43.9	31.9	84	1.4	20.8	4.0	190	2.05	44.0	5.5	3.1	142	5.8	4.9	0.3	140	1.62	1.022	28
1289223	Soil		13.9	44.2	18.8	57	1.7	12.3	1.1	47	0.87	15.0	5.7	1.8	98	1.5	3.6	0.2	136	0.51	0.296	14
1289224	Soil		10.7	134.6	36.8	461	0.7	107.7	13.8	176	4.52	36.2	7.5	5.3	99	2.2	4.1	0.6	42	0.37	0.342	21
1289225	Soil		11.7	146.8	35.6	532	1.5	112.7	14.4	198	3.62	28.7	6.0	7.8	118	0.7	2.8	0.5	48	0.66	0.351	19
1289226	Soil		6.3	81.5	17.7	150	1.0	69.6	24.6	1128	5.07	92.5	3.7	3.9	12	0.3	2.7	0.3	14	0.07	0.060	24
1289227	Soil		9.8	65.0	18.5	215	1.6	81.8	16.6	450	3.19	48.4	3.1	4.8	28	0.9	4.8	0.2	31	0.21	0.124	18
1289228	Soil		33.2	77.8	13.6	924	0.8	170.5	12.6	267	2.96	55.0	2.3	5.6	30	5.2	13.2	0.2	111	0.95	0.100	15
1289371	Soil		1.3	27.1	6.7	46	0.7	23.4	4.8	287	1.28	6.0	2.6	0.3	82	0.7	0.8	0.2	28	2.17	0.098	9
1289372	Soil		1.7	21.3	8.0	66	0.7	23.1	4.5	119	1.46	5.0	4.2	0.6	74	1.6	1.2	0.2	38	2.03	0.081	10
1289373	Soil		0.8	13.7	3.6	34	0.3	12.0	2.0	76	0.75	3.1	0.9	0.2	90	0.7	0.5	0.1	18	2.58	0.071	4
1289374	Soil		2.7	33.6	11.9	145	0.7	36.4	7.6	299	2.23	10.9	3.9	0.9	51	1.3	1.5	0.2	36	1.10	0.134	6
1289375	Soil		3.2	41.2	7.4	117	1.2	31.9	6.6	589	1.97	10.3	5.0	0.5	42	0.9	1.3	0.1	44	0.65	0.117	5
1289376	Soil		3.3	53.4	12.7	174	1.4	52.5	6.7	251	2.64	16.2	6.1	1.3	59	1.1	1.7	0.2	57	1.11	0.103	5
1289377	Soil		4.3	53.9	12.4	141	0.7	34.9	7.1	202	2.52	16.4	5.9	1.7	25	1.2	1.9	0.2	63	0.17	0.097	8

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001883.1

	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
1288955	Soil	13	0.07	407	0.003	2	0.59	0.008	0.08	<0.1	0.16	0.9	0.3	<0.05	3	0.7	<0.2
1288956	Soil	17	0.17	736	0.002	<1	0.83	0.006	0.07	0.1	0.13	2.2	0.3	<0.05	3	1.5	<0.2
1288957	Soil	17	0.11	292	0.002	2	0.85	0.003	0.07	0.1	0.15	2.4	0.3	<0.05	2	1.7	<0.2
1288958	Soil	15	0.14	1071	0.003	2	0.89	0.008	0.07	0.2	0.17	2.0	0.3	<0.05	3	1.3	<0.2
1288959	Soil	16	0.17	897	0.002	1	0.83	0.007	0.07	0.1	0.28	2.7	0.3	<0.05	2	1.6	<0.2
1288960	Soil	18	0.18	1263	0.005	4	0.75	0.006	0.12	0.1	0.40	3.2	0.3	<0.05	2	2.2	<0.2
1289011	Soil	8	0.03	419	0.002	3	0.36	0.006	0.04	<0.1	0.08	1.5	0.3	<0.05	1	2.4	<0.2
1289012	Soil	6	0.03	308	0.003	2	0.24	0.016	0.04	<0.1	0.27	1.4	0.3	<0.05	1	2.2	<0.2
1289013	Soil	5	0.02	46	0.002	2	0.23	0.006	0.04	<0.1	<0.01	0.4	<0.1	<0.05	1	1.0	<0.2
1289014	Soil	5	0.04	49	0.002	1	0.47	0.006	0.05	<0.1	0.02	1.7	<0.1	<0.05	2	<0.5	<0.2
1289015	Soil	6	0.03	47	0.002	2	0.35	0.003	0.05	<0.1	<0.01	1.9	<0.1	<0.05	3	<0.5	<0.2
1289016	Soil	12	0.08	219	0.003	3	0.53	0.005	0.06	<0.1	0.28	5.2	0.2	<0.05	1	1.7	<0.2
1289017	Soil	14	0.10	261	0.003	3	0.54	0.005	0.05	<0.1	0.21	4.9	0.2	<0.05	2	1.5	<0.2
1289018	Soil	6	0.14	316	0.002	3	0.38	0.009	0.04	<0.1	0.12	1.7	<0.1	<0.05	1	1.0	<0.2
1289019	Soil	6	0.13	335	0.003	2	0.37	0.011	0.04	<0.1	0.14	2.0	<0.1	<0.05	1	1.1	<0.2
1289221	Soil	23	0.05	706	0.006	5	0.65	0.002	0.13	0.5	0.63	2.4	0.6	0.07	2	3.5	<0.2
1289222	Soil	33	0.05	911	0.006	11	0.71	0.005	0.25	0.3	0.60	3.6	0.6	0.14	2	2.5	<0.2
1289223	Soil	17	0.02	394	0.003	5	0.26	0.003	0.14	0.3	0.69	1.1	0.7	0.06	<1	1.5	<0.2
1289224	Soil	15	0.05	548	0.002	7	0.64	0.003	0.20	<0.1	0.22	4.8	0.3	0.07	2	9.2	0.3
1289225	Soil	12	0.05	1105	0.001	7	0.56	0.002	0.21	<0.1	0.48	4.4	0.2	<0.05	1	7.7	0.3
1289226	Soil	6	0.05	478	0.001	4	0.45	0.002	0.10	0.2	0.33	5.3	0.2	<0.05	<1	1.1	<0.2
1289227	Soil	13	0.07	676	0.002	4	0.52	0.003	0.08	1.2	0.65	4.8	0.3	<0.05	<1	1.8	<0.2
1289228	Soil	12	0.44	743	<0.001	4	0.24	0.002	0.08	0.2	1.63	4.3	0.9	<0.05	<1	3.5	<0.2
1289371	Soil	13	0.11	576	0.003	3	0.80	0.012	0.04	<0.1	0.13	0.8	<0.1	0.06	2	0.8	<0.2
1289372	Soil	17	0.12	595	0.005	5	0.78	0.015	0.04	<0.1	0.13	1.6	0.1	0.19	2	1.1	<0.2
1289373	Soil	8	0.06	331	0.006	3	0.56	0.016	0.02	0.1	0.06	0.5	<0.1	<0.05	1	1.1	<0.2
1289374	Soil	17	0.15	630	0.002	4	0.69	0.005	0.07	0.3	0.18	2.2	0.2	0.07	2	1.4	<0.2
1289375	Soil	14	0.13	589	0.004	3	0.97	0.018	0.05	<0.1	0.40	1.8	0.2	<0.05	3	2.9	<0.2
1289376	Soil	20	0.26	694	0.001	4	1.07	0.007	0.09	<0.1	0.62	3.3	0.2	<0.05	3	4.6	<0.2
1289377	Soil	20	0.17	882	0.003	4	0.99	0.006	0.08	0.1	0.45	2.9	0.2	<0.05	3	2.6	<0.2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001883.1

	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
1289378	Soil	4.2	45.0	10.8	138	1.0	36.6	7.2	668	2.09	12.3	6.1	1.0	57	1.6	1.9	0.2	46	1.42	0.103	6
1289379	Soil	2.9	48.9	12.0	157	0.7	38.7	7.3	276	2.13	13.0	5.9	1.6	57	1.5	2.1	0.2	50	1.16	0.108	7
1289380	Soil	4.1	36.6	13.9	137	1.0	30.4	13.9	735	1.99	12.2	4.9	1.4	53	1.3	1.7	0.2	50	0.96	0.099	6
1289211	Soil	111.7	61.2	11.2	618	0.3	282.6	22.7	468	2.33	53.9	3.0	1.5	30	3.3	5.5	0.2	84	0.33	0.077	25
1289212	Soil	88.6	68.4	10.9	894	0.4	395.5	21.6	569	3.17	71.1	1.1	1.9	127	3.0	3.8	0.1	70	4.87	0.051	9
1289213	Soil	107.0	60.0	7.9	672	0.3	275.9	12.6	324	2.08	63.8	1.2	2.5	118	3.7	3.5	<0.1	46	4.18	0.068	7
1289214	Soil	31.0	60.7	9.1	2663	0.7	202.4	21.4	681	3.25	45.4	1.9	4.6	29	17.5	11.5	0.1	142	0.59	0.123	22
1289215	Soil	47.4	78.4	12.3	853	0.9	139.4	8.8	198	2.06	57.4	1.3	3.9	49	7.6	11.3	0.2	167	1.27	0.231	14
1289216	Soil	9.6	66.1	7.8	486	0.7	119.1	10.9	251	2.09	30.8	3.0	5.2	101	1.4	4.4	0.2	45	3.32	0.142	13
1289217	Soil	7.0	50.9	12.0	2325	0.7	164.1	29.0	977	4.33	32.5	1.1	4.0	327	2.2	5.1	0.1	65	8.34	0.203	10
1289218	Soil	10.8	44.5	12.6	462	0.4	92.2	10.5	225	2.95	30.3	2.5	2.3	15	0.7	6.1	0.2	44	0.09	0.089	17
1289219	Soil	11.8	58.0	12.9	735	1.1	132.8	14.0	436	3.30	32.0	2.2	5.3	19	6.7	8.1	0.2	46	0.19	0.139	20
1289220	Soil	59.7	76.0	60.0	196	6.1	38.9	5.2	149	4.93	60.5	6.0	2.6	137	5.1	6.6	0.4	203	0.06	0.236	6
1286881	Soil	1.6	56.1	9.9	92	1.1	40.2	5.4	166	1.45	7.0	4.6	0.7	52	0.8	1.2	0.3	30	1.43	0.079	6
1286882	Soil	2.3	41.4	13.6	148	0.7	39.0	7.6	141	2.46	13.3	5.3	1.5	38	0.6	1.6	0.2	26	0.54	0.096	4
1286883	Soil	2.3	37.9	13.0	119	0.5	33.3	7.1	122	2.47	14.7	6.3	1.3	31	0.4	1.5	0.2	25	0.38	0.076	4
1286884	Soil	1.2	54.0	9.1	85	1.1	33.3	5.4	190	1.37	6.3	4.2	0.7	62	0.6	1.1	0.3	25	1.76	0.079	4
1286885	Soil	25.5	54.1	14.8	425	0.7	93.4	10.6	298	2.25	49.7	3.8	2.7	95	4.2	7.1	0.2	107	1.75	0.144	13
1286886	Soil	13.9	62.6	14.2	643	0.8	89.4	8.3	235	2.18	39.1	4.9	2.2	64	4.4	5.8	0.2	96	0.45	0.147	13
1286887	Soil	6.7	53.7	12.5	259	1.0	50.0	6.2	120	1.69	16.5	5.5	2.2	56	3.8	3.8	0.2	74	0.45	0.096	12
1286888	Soil	11.2	53.6	14.2	256	0.4	51.5	8.4	111	1.81	28.0	3.9	2.6	61	3.0	5.3	0.2	78	0.29	0.115	9
1286889	Soil	12.6	56.8	14.6	228	0.6	50.2	4.7	44	1.40	24.0	3.9	2.4	48	3.9	4.5	0.2	93	0.33	0.118	12
1286890	Soil	10.3	36.6	14.3	226	0.5	43.6	11.3	340	2.20	18.6	4.3	2.0	47	2.0	3.1	0.2	71	0.51	0.088	9
1286251	Soil	4.4	26.9	13.2	114	0.4	25.4	5.0	107	2.06	18.1	2.5	2.1	42	0.5	2.1	0.2	44	0.27	0.099	8
1286252	Soil	5.6	45.5	15.4	187	0.5	39.8	8.7	269	2.81	20.6	4.6	2.3	44	1.8	3.0	0.2	74	0.24	0.103	10
1286253	Soil	5.8	54.6	17.4	193	0.5	38.3	7.0	216	2.74	21.5	5.5	1.6	46	1.3	3.6	0.3	84	0.25	0.104	10
1286254	Soil	8.3	42.4	13.9	262	0.8	60.9	10.7	298	1.96	16.5	2.9	1.8	69	3.0	3.2	0.2	92	1.03	0.097	7
1286255	Soil	16.5	40.2	15.8	239	0.6	45.1	8.5	185	2.45	23.7	2.9	2.6	48	1.3	3.5	0.2	97	0.39	0.104	11
1286256	Soil	8.7	38.4	9.7	177	0.7	49.6	6.5	263	1.47	12.0	4.1	0.6	39	2.2	2.6	0.1	74	0.46	0.057	5
1286257	Soil	16.8	58.5	17.9	309	0.8	70.5	10.1	236	2.44	26.1	4.9	1.9	62	3.0	4.9	0.2	96	0.54	0.111	9

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001883.1

	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
1289378	Soil	17	0.16	719	0.001	4	0.96	0.007	0.07	<0.1	0.34	2.2	0.2	0.06	2	2.9	<0.2
1289379	Soil	17	0.21	947	0.003	5	0.84	0.007	0.08	0.1	0.32	2.7	0.2	<0.05	2	2.8	<0.2
1289380	Soil	17	0.17	901	0.001	3	0.90	0.009	0.07	<0.1	0.32	2.2	0.2	0.06	2	1.7	<0.2
1289211	Soil	19	0.06	478	0.003	4	0.42	0.003	0.06	0.9	0.31	2.6	2.6	<0.05	<1	3.8	<0.2
1289212	Soil	14	1.91	403	0.002	4	0.13	0.005	0.03	0.4	0.52	2.6	1.0	<0.05	<1	4.0	<0.2
1289213	Soil	10	0.67	331	0.001	3	0.13	0.002	0.04	0.5	0.54	2.8	1.6	<0.05	<1	2.8	<0.2
1289214	Soil	12	0.22	890	0.001	6	0.29	0.002	0.09	0.3	1.15	3.8	0.6	<0.05	<1	7.0	<0.2
1289215	Soil	10	0.42	418	0.002	6	0.25	0.002	0.09	0.4	1.41	3.1	0.8	<0.05	<1	3.5	<0.2
1289216	Soil	10	1.70	442	<0.001	6	0.19	0.003	0.07	<0.1	0.64	4.2	0.4	<0.05	<1	3.2	<0.2
1289217	Soil	14	4.38	400	0.002	8	0.24	0.005	0.09	<0.1	0.41	4.0	0.3	<0.05	<1	2.4	<0.2
1289218	Soil	12	0.05	325	0.002	2	0.43	0.002	0.05	0.1	0.21	2.1	0.3	<0.05	<1	3.4	<0.2
1289219	Soil	11	0.04	434	0.002	3	0.27	0.001	0.07	0.2	0.64	5.2	0.3	<0.05	<1	2.7	<0.2
1289220	Soil	26	0.03	60	0.006	4	0.38	0.006	0.46	1.5	1.76	1.6	2.6	1.21	2	9.4	0.4
1286881	Soil	13	0.13	403	0.002	3	0.71	0.008	0.05	<0.1	0.29	2.4	0.1	0.15	2	2.0	<0.2
1286882	Soil	17	0.13	379	0.002	3	0.62	0.004	0.07	<0.1	0.16	3.0	0.1	0.05	2	2.0	<0.2
1286883	Soil	17	0.11	408	0.002	4	0.62	0.007	0.06	<0.1	0.13	2.7	<0.1	0.18	2	2.0	<0.2
1286884	Soil	14	0.17	343	0.002	3	0.64	0.008	0.05	<0.1	0.32	2.0	0.1	0.17	2	2.5	<0.2
1286885	Soil	18	0.81	1132	0.013	4	0.46	0.004	0.08	0.1	1.36	2.9	0.5	0.11	1	2.4	<0.2
1286886	Soil	18	0.10	1331	0.003	4	0.64	0.005	0.07	0.1	0.92	3.0	0.5	0.08	2	2.0	<0.2
1286887	Soil	23	0.20	1445	0.005	3	0.76	0.004	0.08	0.2	0.73	3.5	0.3	0.10	2	1.9	<0.2
1286888	Soil	17	0.10	1232	0.002	3	0.51	0.003	0.06	0.1	0.62	2.6	0.3	<0.05	1	2.6	<0.2
1286889	Soil	19	0.09	1075	0.002	5	0.51	0.003	0.09	<0.1	0.79	2.7	0.3	0.09	1	3.1	<0.2
1286890	Soil	18	0.16	1192	0.002	2	0.86	0.005	0.08	0.1	0.36	3.1	0.2	0.09	2	1.9	<0.2
1286251	Soil	16	0.20	773	0.003	3	0.78	0.004	0.06	<0.1	0.15	1.9	0.2	0.06	2	1.4	<0.2
1286252	Soil	22	0.23	2397	0.005	3	1.08	0.005	0.08	0.1	0.26	2.4	0.2	0.06	3	1.6	<0.2
1286253	Soil	25	0.23	1485	0.003	3	1.06	0.006	0.09	0.2	0.83	1.9	0.2	0.08	3	1.9	<0.2
1286254	Soil	18	0.18	1516	0.001	3	0.83	0.009	0.08	<0.1	0.36	2.9	0.3	0.14	2	2.4	<0.2
1286255	Soil	22	0.20	996	0.002	2	0.88	0.005	0.08	0.1	0.48	2.8	0.2	0.07	3	1.9	<0.2
1286256	Soil	15	0.11	1068	0.003	4	0.67	0.020	0.08	<0.1	0.34	1.6	0.3	0.10	2	1.2	<0.2
1286257	Soil	21	0.16	1525	0.002	3	0.82	0.008	0.08	0.1	0.52	3.0	0.3	0.09	2	2.0	<0.2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001883.1

	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
1286258	Soil	9.7	43.1	18.3	233	0.5	56.2	14.0	564	3.18	25.5	1.7	2.7	42	1.2	2.3	0.2	54	0.39	0.111	6
1286259	Soil	4.9	36.2	15.9	152	0.5	35.4	8.0	275	2.21	13.3	2.9	1.9	38	1.3	1.4	0.2	43	0.47	0.077	5
1286260	Soil	6.4	32.6	19.2	142	0.5	35.2	9.8	289	2.64	17.7	2.2	2.4	36	1.1	1.8	0.2	47	0.22	0.084	6
1286211	Soil	2.0	40.8	9.0	89	1.3	27.9	5.3	185	1.34	8.1	4.2	0.5	50	1.2	1.1	0.2	24	0.72	0.063	5
1286212	Soil	3.1	88.9	14.8	252	1.0	60.9	11.1	511	2.68	14.4	5.7	1.2	109	3.0	1.6	0.2	45	1.66	0.116	8
1286213	Soil	3.7	42.9	15.3	140	0.6	36.1	8.6	229	2.60	14.9	4.7	1.9	23	0.9	1.8	0.2	42	0.12	0.064	7
1286214	Soil	2.7	25.0	13.4	45	2.5	11.6	3.2	64	1.44	10.3	7.7	0.8	24	0.6	0.8	0.2	35	0.34	0.089	4
1286215	Soil	3.9	29.7	10.8	92	1.4	27.4	3.9	138	1.73	11.8	5.7	0.8	32	0.6	1.3	0.2	27	0.86	0.075	3
1286216	Soil	2.8	38.8	13.8	121	1.4	25.6	5.0	176	2.01	11.2	5.8	1.3	45	0.8	1.4	0.2	40	0.99	0.091	5
1286217	Soil	3.5	43.4	16.3	142	1.0	37.8	7.8	232	2.63	17.2	6.8	1.9	36	0.7	1.9	0.2	41	0.60	0.087	7
1286218	Soil	1.9	32.1	15.2	88	0.9	30.1	7.2	223	2.19	11.9	3.4	1.7	28	0.8	0.9	0.2	41	0.31	0.072	6
1286219	Soil	2.5	37.4	15.0	116	0.6	29.7	6.1	187	2.40	13.4	5.3	1.7	23	0.5	1.4	0.2	44	0.21	0.082	8
1286220	Soil	3.2	56.9	20.9	162	0.6	50.1	12.6	308	3.18	20.0	9.0	3.0	40	0.7	2.0	0.3	52	0.32	0.077	7
1289151	Soil	2.4	47.4	12.2	136	0.9	44.0	8.4	360	1.92	10.6	10.7	0.5	88	0.6	2.3	0.2	53	2.73	0.098	9
1289152	Soil	2.4	67.4	10.0	87	1.0	44.9	9.4	292	1.60	10.4	4.8	0.9	76	0.5	1.3	0.1	42	0.88	0.071	7
1289153	Soil	1.3	27.5	10.6	43	1.0	20.8	7.1	367	1.45	7.7	1.7	0.6	77	0.7	1.1	0.2	50	2.97	0.134	6
1289154	Soil	5.6	57.2	13.7	184	0.5	44.7	8.6	199	2.55	19.2	5.2	1.8	40	1.2	2.5	0.2	75	0.43	0.079	9
1289155	Soil	5.0	55.8	11.8	175	0.6	43.5	7.0	178	2.39	16.6	5.6	1.4	44	0.7	2.3	0.2	62	0.44	0.096	7
1289156	Soil	4.6	34.6	13.7	147	0.5	35.4	6.9	202	2.52	15.1	2.7	1.3	32	0.8	2.3	0.3	60	0.20	0.074	8
1289157	Soil	2.6	68.6	8.1	199	0.6	42.4	5.5	151	1.55	9.3	4.9	0.5	79	4.0	1.7	0.3	40	1.74	0.114	5
1289159	Soil	3.2	53.9	10.6	155	0.7	45.1	6.4	201	1.89	12.1	4.3	1.2	98	1.7	3.0	0.2	51	1.75	0.106	7
1289160	Soil	2.5	58.1	11.7	330	0.9	68.4	10.2	509	2.11	14.2	8.4	1.1	118	2.4	2.2	0.2	53	3.90	0.143	10
1283198	Soil	69.3	104.8	11.5	1492	3.0	268.1	17.2	289	4.46	119.3	4.7	1.7	43	17.4	23.2	0.2	545	0.15	0.205	18
1283199	Soil	51.2	69.3	9.5	962	1.4	172.9	7.5	92	2.23	467.6	2.1	2.8	75	10.5	13.6	0.2	447	0.29	0.119	18
1283200	Soil	71.0	147.6	15.5	976	4.3	173.3	10.4	91	3.62	192.2	3.4	3.4	353	5.2	38.2	0.3	1176	0.13	0.402	18
1281226	Soil	3.4	61.5	11.9	456	0.4	70.1	16.8	232	1.93	70.9	3.4	0.7	13	1.3	1.5	0.6	112	0.20	0.102	9
1281227	Soil	17.5	446.4	42.5	753	1.2	131.2	177.7	1618	3.89	80.2	6.8	1.7	31	2.0	6.9	0.4	164	0.31	0.131	20
1281228	Soil	9.4	22.0	8.9	104	0.5	23.7	3.2	61	1.26	18.1	1.9	0.4	18	0.4	2.7	0.1	81	0.15	0.040	6
1281229	Soil	1.4	22.5	6.5	32	0.3	6.5	1.7	33	0.86	10.1	2.4	0.2	11	<0.1	1.0	0.1	19	0.05	0.031	4
1281230	Soil	5.8	262.6	73.3	323	3.0	61.9	6.2	173	9.09	157.5	19.8	4.0	96	0.3	12.5	0.7	72	0.15	0.119	12

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001883.1

	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
1286258	Soil	19	0.18	1355	0.001	1	0.90	0.006	0.07	<0.1	0.24	3.5	0.2	0.07	2	3.1	<0.2
1286259	Soil	19	0.18	1046	0.001	2	0.90	0.010	0.07	<0.1	0.24	3.1	0.2	0.16	2	2.7	<0.2
1286260	Soil	20	0.19	1357	0.001	2	0.93	0.005	0.07	<0.1	0.29	2.9	0.2	0.07	3	2.3	<0.2
1286211	Soil	14	0.13	1899	0.007	3	0.67	0.021	0.05	<0.1	0.19	2.1	0.1	0.22	2	0.9	<0.2
1286212	Soil	30	0.26	2621	0.007	5	1.03	0.009	0.08	<0.1	0.37	3.2	0.1	0.19	2	3.2	<0.2
1286213	Soil	18	0.16	2195	0.002	2	0.86	0.008	0.05	<0.1	0.15	2.1	0.1	0.06	2	1.1	<0.2
1286214	Soil	15	0.06	403	0.001	2	0.62	0.010	0.07	<0.1	0.34	1.4	0.2	0.10	2	1.9	<0.2
1286215	Soil	16	0.09	374	0.002	3	0.48	0.011	0.06	<0.1	0.26	1.7	0.1	0.13	2	1.8	<0.2
1286216	Soil	19	0.14	580	0.002	4	0.85	0.011	0.08	<0.1	0.21	2.3	0.2	0.16	2	1.3	<0.2
1286217	Soil	18	0.14	422	0.002	6	0.75	0.007	0.09	<0.1	0.24	2.8	0.2	0.07	2	1.2	<0.2
1286218	Soil	17	0.11	422	0.001	2	0.76	0.006	0.06	<0.1	0.14	2.1	0.1	0.09	2	1.3	<0.2
1286219	Soil	21	0.18	539	0.003	3	0.92	0.010	0.08	<0.1	0.14	2.5	0.1	<0.05	3	1.3	<0.2
1286220	Soil	28	0.30	1458	0.002	6	1.20	0.006	0.13	<0.1	0.41	4.7	0.2	<0.05	3	1.6	<0.2
1289151	Soil	30	0.19	2693	0.002	6	1.06	0.009	0.06	<0.1	0.87	1.5	0.2	0.14	2	2.1	<0.2
1289152	Soil	17	0.13	2309	0.006	3	0.84	0.016	0.06	0.1	0.21	2.3	0.1	0.11	2	2.1	<0.2
1289153	Soil	22	0.13	1556	0.008	5	1.02	0.011	0.05	0.1	0.35	1.6	0.1	0.25	3	1.7	<0.2
1289154	Soil	28	0.25	2501	0.002	4	1.13	0.006	0.10	<0.1	0.26	2.5	0.2	0.09	3	1.4	<0.2
1289155	Soil	24	0.23	2156	0.002	2	0.98	0.006	0.08	<0.1	0.22	2.0	0.2	<0.05	3	1.4	<0.2
1289156	Soil	21	0.25	1887	0.003	4	1.02	0.007	0.07	<0.1	0.15	1.5	0.1	0.12	3	1.4	<0.2
1289157	Soil	16	0.18	988	0.006	6	0.88	0.011	0.06	<0.1	0.49	1.7	0.2	0.20	2	3.3	<0.2
1289159	Soil	16	0.23	1367	0.003	6	0.91	0.013	0.11	0.1	0.33	1.8	0.2	0.17	2	1.7	<0.2
1289160	Soil	28	0.32	1063	0.002	8	1.00	0.007	0.11	<0.1	0.61	2.2	0.3	0.24	3	4.2	<0.2
1283198	Soil	48	0.10	553	0.004	7	1.33	0.003	0.12	0.3	0.81	2.7	3.4	0.09	3	17.2	<0.2
1283199	Soil	26	0.12	617	0.002	8	1.03	0.001	0.10	0.3	0.56	2.4	1.7	<0.05	1	6.9	<0.2
1283200	Soil	101	0.14	858	0.006	8	2.11	0.004	0.18	0.6	6.40	3.7	4.1	0.13	4	16.1	0.3
1281226	Soil	29	1.33	135	0.047	1	2.06	0.016	0.08	0.2	0.02	1.1	0.3	<0.05	6	0.9	<0.2
1281227	Soil	31	0.79	107	0.040	1	3.17	0.014	0.15	0.1	0.08	2.2	0.8	0.14	5	5.9	<0.2
1281228	Soil	16	0.59	62	0.031	<1	1.17	0.026	0.06	0.1	0.02	0.7	0.3	<0.05	3	1.1	<0.2
1281229	Soil	5	0.10	28	0.025	<1	0.71	0.029	0.03	<0.1	0.03	0.4	<0.1	<0.05	3	1.0	<0.2
1281230	Soil	26	0.56	157	0.037	1	2.46	0.021	0.14	0.1	0.05	2.4	0.4	0.18	5	12.9	<0.2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001883.1

		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
1286891	Soil		28.0	37.0	12.5	339	0.5	53.6	7.3	259	2.59	31.7	1.7	2.5	60	1.5	4.8	0.2	178	0.69	0.125	10
1286892	Soil		8.9	39.9	12.7	207	0.8	38.3	7.7	276	2.34	19.8	3.3	1.8	43	1.9	3.1	0.2	78	0.30	0.103	9
1286893	Soil		16.3	67.4	16.1	1031	1.0	168.1	14.8	679	2.49	32.2	2.0	1.9	94	10.9	5.2	0.2	138	1.13	0.111	9
1286894	Soil		21.1	52.1	12.3	810	0.7	108.1	7.2	228	1.93	28.0	2.5	1.9	62	5.3	5.4	0.1	182	0.72	0.129	10
1286895	Soil		27.8	48.9	12.6	935	0.5	130.7	8.0	291	1.67	28.7	2.1	1.4	91	7.7	6.9	0.1	229	1.95	0.120	8
1286896	Soil		10.4	56.8	13.8	395	0.8	70.4	7.3	184	2.06	30.1	4.2	1.6	73	3.8	5.1	0.2	106	0.78	0.121	9
1286897	Soil		21.2	54.2	13.9	536	0.7	85.1	9.1	299	2.24	40.2	2.9	2.0	84	4.1	5.6	0.1	113	0.92	0.149	11
1286898	Soil		30.0	27.9	15.7	175	0.8	34.3	13.7	945	3.24	50.1	3.2	1.3	44	2.3	3.9	0.2	124	0.50	0.121	8
1286899	Soil		13.6	33.4	12.6	292	0.4	50.0	9.2	479	2.09	23.5	2.4	2.0	51	2.2	4.2	0.1	99	0.54	0.128	10
1286900	Soil		8.3	37.3	11.9	215	0.6	48.8	7.8	257	1.83	16.8	2.8	2.0	55	2.1	3.9	0.1	79	0.67	0.132	9
1279121	Soil		12.6	65.6	14.4	294	0.9	50.7	5.5	119	2.29	43.7	8.2	2.0	78	2.2	8.8	0.2	128	0.32	0.166	8
1279122	Soil		11.5	59.4	14.1	281	0.9	47.1	5.3	130	2.24	41.4	8.1	1.8	73	2.6	8.5	0.1	120	0.31	0.166	7
1279123	Soil		9.6	55.9	11.9	182	0.6	33.2	4.6	101	1.72	28.2	5.9	1.6	69	2.3	6.8	0.1	111	0.19	0.131	6
1279124	Soil		10.7	53.9	14.4	166	0.6	32.3	4.3	89	1.81	31.3	5.9	1.8	64	1.8	6.7	0.2	105	0.15	0.112	7
1279125	Soil		10.7	53.3	13.0	179	0.8	36.3	5.0	99	1.79	30.8	6.9	1.6	67	1.4	7.0	0.1	117	0.24	0.130	7
1279126	Soil		11.1	67.2	16.0	274	1.1	55.6	6.6	177	2.34	49.3	9.7	2.0	71	2.3	8.6	0.2	101	0.30	0.135	7
1279127	Soil		2.3	52.1	25.4	72	4.1	23.5	2.8	58	1.63	45.4	46.5	1.4	47	1.0	5.4	0.6	45	0.34	0.110	9
1279128	Soil		11.1	58.5	12.8	253	0.8	44.0	4.3	96	2.18	36.0	7.0	1.8	75	2.6	8.3	0.1	117	0.31	0.167	7
1279129	Soil		11.6	105.1	17.1	282	1.1	57.2	6.6	200	2.50	47.9	10.6	1.9	76	2.2	8.9	0.2	113	0.38	0.155	8
1288054	Soil		1.7	17.0	8.8	47	0.1	13.1	7.8	776	1.48	3.8	2.0	0.3	13	0.3	0.8	0.2	27	0.04	0.112	4
1288055	Soil		1.7	16.0	4.0	20	<0.1	8.3	2.5	54	0.79	3.3	1.2	<0.1	5	<0.1	0.7	<0.1	23	0.02	0.035	2
1288056	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1288057	Soil		2.6	37.9	30.6	104	<0.1	28.0	11.2	296	4.00	16.1	1.4	1.9	21	0.1	1.2	0.2	29	0.03	0.092	3
1288058	Soil		2.1	12.8	9.4	48	<0.1	10.0	3.4	81	1.80	7.6	<0.5	0.2	8	<0.1	0.9	0.2	37	0.02	0.054	5
1288059	Soil		2.3	28.2	24.3	133	<0.1	28.9	17.2	823	4.22	17.3	1.4	0.7	10	0.1	1.5	0.4	35	0.03	0.110	4
1288060	Soil		1.6	30.5	30.8	181	0.2	33.7	29.1	889	3.34	17.4	1.5	1.0	13	0.1	1.3	0.3	24	0.02	0.081	3
1288631	Soil		6.9	43.8	14.1	179	0.9	37.8	6.6	206	1.87	19.7	7.0	1.5	121	2.3	3.4	0.2	74	0.79	0.087	7
1288632	Soil		7.2	62.6	16.1	810	1.4	100.7	8.2	266	2.22	20.9	6.7	1.9	164	11.8	5.5	0.3	101	0.96	0.122	10
1288633	Soil		10.6	35.6	18.9	202	0.4	38.5	6.1	150	2.69	28.7	4.4	2.7	30	0.6	4.0	0.2	108	0.06	0.087	11
1288634	Soil		12.2	49.0	25.3	231	0.5	50.9	7.6	127	3.20	36.0	6.5	2.7	38	0.7	4.6	0.3	98	0.06	0.066	11

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001883.1

	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
1286891	Soil	20	0.20	838	0.002	6	0.71	0.004	0.10	0.2	0.28	2.3	0.6	0.05	2	2.6	<0.2
1286892	Soil	18	0.19	1089	0.002	3	0.91	0.010	0.09	0.1	0.35	2.3	0.3	<0.05	3	1.8	<0.2
1286893	Soil	21	0.24	1376	0.002	7	0.96	0.007	0.11	0.1	0.44	3.0	0.9	0.12	3	3.9	<0.2
1286894	Soil	18	0.15	881	0.002	5	0.61	0.004	0.10	0.1	0.55	2.8	0.8	0.08	2	3.2	<0.2
1286895	Soil	20	0.27	698	0.002	5	0.61	0.005	0.09	0.1	0.47	2.3	1.0	0.13	2	4.2	<0.2
1286896	Soil	20	0.16	1326	0.002	7	0.71	0.005	0.11	0.1	0.88	2.5	0.4	0.09	2	4.1	<0.2
1286897	Soil	18	0.38	910	0.002	5	0.56	0.004	0.10	0.1	0.82	2.5	0.5	0.09	2	3.1	<0.2
1286898	Soil	17	0.13	804	0.003	2	0.84	0.011	0.07	0.1	0.48	2.3	0.3	0.07	3	2.9	<0.2
1286899	Soil	16	0.15	963	0.003	5	0.68	0.006	0.10	0.1	0.33	2.3	0.3	0.09	2	2.7	<0.2
1286900	Soil	16	0.19	975	0.003	4	0.71	0.007	0.09	0.1	0.37	2.8	0.2	0.08	2	2.8	<0.2
1279121	Soil	23	0.07	1305	0.002	6	0.51	0.002	0.10	0.1	1.22	2.8	0.4	0.09	2	3.3	<0.2
1279122	Soil	21	0.06	1270	0.002	5	0.50	0.003	0.09	0.1	1.06	2.6	0.4	0.07	2	3.3	<0.2
1279123	Soil	21	0.05	1775	0.001	5	0.48	0.002	0.10	<0.1	0.91	2.6	0.4	0.08	1	2.6	<0.2
1279124	Soil	20	0.07	1434	0.002	4	0.53	0.003	0.08	<0.1	0.88	2.6	0.4	0.09	2	2.6	<0.2
1279125	Soil	22	0.06	1250	0.002	6	0.49	0.002	0.10	<0.1	1.08	2.5	0.4	0.08	2	2.5	<0.2
1279126	Soil	20	0.08	954	0.001	2	0.49	0.002	0.08	0.1	1.40	2.9	0.3	0.06	1	2.5	<0.2
1279127	Soil	18	0.06	515	<0.001	3	0.81	0.007	0.08	0.1	5.69	3.6	0.5	0.09	2	4.9	<0.2
1279128	Soil	21	0.07	1083	0.001	4	0.46	0.002	0.08	0.1	0.87	2.5	0.4	0.06	1	2.9	<0.2
1279129	Soil	23	0.10	1141	0.002	4	0.61	0.003	0.09	0.1	1.47	3.0	0.4	0.06	2	3.2	<0.2
1288054	Soil	8	0.03	138	0.005	1	0.53	0.014	0.05	<0.1	0.06	0.9	<0.1	0.07	2	<0.5	<0.2
1288055	Soil	5	0.02	51	0.003	2	0.20	0.014	0.04	<0.1	0.02	0.3	<0.1	<0.05	2	<0.5	<0.2
1288056	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1288057	Soil	23	0.38	76	0.003	1	1.19	0.011	0.07	<0.1	0.04	2.5	0.2	0.06	4	0.6	<0.2
1288058	Soil	12	0.06	53	0.005	<1	0.55	0.010	0.04	<0.1	0.03	0.5	0.1	<0.05	4	<0.5	<0.2
1288059	Soil	24	0.22	114	0.004	3	1.10	0.006	0.05	<0.1	0.04	1.5	0.2	0.08	5	0.6	<0.2
1288060	Soil	22	0.32	101	0.003	3	1.27	0.012	0.05	<0.1	0.02	1.9	0.2	0.06	4	0.5	<0.2
1288631	Soil	18	0.15	1427	0.003	6	0.81	0.012	0.07	0.1	0.59	2.5	0.2	0.10	2	2.3	<0.2
1288632	Soil	23	0.18	2012	0.005	12	1.06	0.010	0.13	0.1	0.50	3.2	1.6	0.19	3	6.9	0.2
1288633	Soil	22	0.14	508	0.007	4	1.06	0.004	0.07	0.1	0.18	2.1	0.4	<0.05	3	2.0	<0.2
1288634	Soil	22	0.14	502	0.004	5	1.05	0.005	0.08	0.1	0.21	2.4	0.4	<0.05	4	2.8	<0.2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001883.1

		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
1288635	Soil		10.5	25.5	17.9	139	0.7	27.0	4.7	126	2.05	25.1	4.9	0.6	33	0.6	3.9	0.2	69	0.08	0.066	9
1288636	Soil		7.3	49.6	11.7	324	0.7	55.1	5.9	162	2.33	19.0	6.5	1.8	49	2.7	4.2	0.2	75	0.44	0.110	9
1288637	Soil		2.9	30.8	15.4	118	1.5	25.4	12.6	299	1.77	12.8	5.4	1.0	71	1.1	1.5	0.2	62	1.14	0.101	4
1288638	Soil		7.5	41.7	13.5	233	0.6	39.4	8.1	248	2.38	18.4	4.0	2.0	54	1.3	3.7	0.2	71	0.41	0.098	8
1288639	Soil		9.8	87.9	11.6	219	0.4	40.3	6.6	120	2.56	19.5	27.2	0.2	11	0.5	4.1	0.2	127	0.02	0.063	5
1288640	Soil		10.5	32.5	14.4	100	0.4	18.4	3.1	58	1.37	13.0	1.5	0.3	18	0.6	4.9	0.2	119	0.01	0.045	11
1287931	Soil		7.7	91.5	19.4	325	2.0	88.5	15.1	232	3.51	18.9	5.0	6.8	53	1.0	2.7	0.3	21	0.76	0.098	15
1287932	Soil		4.1	57.5	17.7	139	2.0	63.0	13.3	308	2.91	14.9	4.3	5.7	143	0.3	2.3	0.2	13	3.87	0.037	7
1287933	Soil		5.1	70.3	22.4	131	2.6	83.3	16.4	383	4.05	19.8	3.6	7.0	155	0.2	2.8	0.3	19	4.28	0.040	13
1287934	Soil		17.9	71.8	19.9	310	1.3	82.3	13.2	161	3.60	31.2	4.1	3.5	18	0.7	4.0	0.3	36	0.28	0.074	21
1287935	Soil		11.3	39.2	13.5	413	1.1	70.5	10.3	376	2.88	23.6	3.0	2.1	19	5.7	4.8	0.2	42	0.32	0.097	23
1287936	Soil		13.4	50.9	12.9	924	0.6	147.4	11.0	478	2.81	41.5	1.2	5.6	86	4.4	13.6	0.1	31	3.92	0.053	15
1287937	Soil		5.4	35.3	11.6	1000	1.3	135.5	19.9	372	2.19	32.6	0.7	6.1	37	1.0	7.8	0.2	13	1.75	0.031	13
1287938	Soil		29.6	36.7	10.3	1834	0.4	310.4	17.2	789	2.97	36.7	1.3	3.6	118	18.7	10.9	0.1	130	5.14	0.115	21
1287939	Soil		23.8	16.8	6.4	876	0.2	230.2	31.6	918	1.71	25.5	1.0	3.2	183	13.2	6.8	<0.1	99	8.17	0.067	15
1287940	Soil		37.0	24.9	7.0	987	0.2	268.0	16.0	590	2.26	30.3	<0.5	3.1	155	15.8	8.4	<0.1	102	7.71	0.064	15
1287191	Soil		1.5	67.6	15.6	220	0.9	49.5	7.4	140	1.48	13.3	6.2	1.8	98	1.9	1.3	0.2	56	0.75	0.089	7
1287192	Soil		3.6	62.3	14.4	255	0.8	63.2	11.0	1099	2.80	17.4	8.2	1.3	123	2.9	1.8	0.2	57	1.25	0.101	6
1287193	Soil		2.6	62.4	13.2	238	0.7	52.8	8.1	609	2.72	14.6	6.2	1.6	99	2.3	1.8	0.2	52	0.73	0.087	7
1287194	Soil		2.1	37.4	9.2	204	0.4	37.6	7.2	185	2.61	12.2	5.0	1.7	77	1.3	1.1	0.1	47	0.56	0.091	6
1287195	Soil		3.7	82.8	12.7	242	0.9	60.7	14.4	111	1.89	10.5	7.8	1.5	137	2.0	1.9	0.2	47	1.13	0.077	6
1287196	Soil		6.1	47.7	11.3	145	1.1	31.2	5.0	164	1.65	14.3	7.2	1.7	132	1.6	4.4	0.2	110	0.79	0.110	8
1287197	Soil		1.8	39.0	11.1	120	0.4	20.3	5.9	155	1.76	8.1	7.6	0.9	62	1.0	0.8	0.2	34	0.77	0.059	5
1287198	Soil		1.3	24.2	9.2	200	0.7	24.8	5.9	277	1.49	9.3	3.3	0.5	90	1.5	1.7	0.2	48	2.56	0.080	6
1287199	Soil		1.2	12.0	27.7	124	0.3	19.0	4.5	164	1.52	11.6	2.9	2.0	66	1.7	0.9	0.6	18	1.85	0.067	13
1287200	Soil		1.3	33.8	10.8	145	0.5	25.3	5.8	426	1.37	8.8	2.9	0.4	104	3.2	1.1	0.2	44	2.86	0.110	12
1287471	Soil		5.0	36.9	31.9	98	0.8	21.5	4.0	74	1.99	43.0	3.4	1.6	29	0.5	4.6	0.3	43	0.05	0.060	19
1287472	Soil		2.8	37.3	60.5	85	0.9	14.0	3.0	61	2.47	121.2	2.1	6.2	51	0.4	5.4	0.8	24	0.02	0.069	29
1287473	Soil		6.3	38.6	17.2	110	0.9	17.2	3.0	72	2.74	162.6	5.0	5.0	30	0.3	6.6	0.8	37	0.01	0.054	21
1287474	Soil		1.8	29.3	8.6	68	0.6	14.7	3.1	51	2.49	307.3	2.0	9.0	57	0.3	5.6	1.6	17	<0.01	0.062	31

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001883.1

	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
1288635	Soil	15	0.11	434	0.006	4	0.61	0.009	0.07	0.1	0.14	0.9	0.3	<0.05	2	2.4	<0.2
1288636	Soil	20	0.18	2808	0.003	5	0.88	0.011	0.09	0.1	0.37	2.5	0.3	0.06	2	2.1	<0.2
1288637	Soil	17	0.23	1773	0.002	4	1.12	0.016	0.07	<0.1	0.42	2.5	0.2	0.10	3	1.4	<0.2
1288638	Soil	19	0.21	3039	0.002	3	0.86	0.004	0.08	<0.1	0.56	2.3	0.2	0.05	2	1.8	<0.2
1288639	Soil	13	0.03	162	0.003	6	0.35	0.004	0.07	<0.1	0.05	1.0	0.3	<0.05	2	2.9	<0.2
1288640	Soil	15	0.02	260	0.004	4	0.35	0.003	0.07	0.1	0.03	0.3	0.4	<0.05	3	3.9	<0.2
1287931	Soil	9	0.36	1968	0.003	9	0.34	0.003	0.11	<0.1	0.53	4.8	0.3	<0.05	<1	3.5	<0.2
1287932	Soil	8	2.16	909	<0.001	5	0.21	0.004	0.08	<0.1	0.49	3.8	0.2	0.11	<1	1.8	<0.2
1287933	Soil	12	2.43	971	0.003	7	0.23	0.004	0.10	<0.1	0.55	4.6	0.2	0.18	<1	2.0	<0.2
1287934	Soil	9	0.10	951	0.002	4	0.42	0.003	0.08	<0.1	0.26	3.1	0.3	0.08	<1	2.7	<0.2
1287935	Soil	15	0.13	2318	0.005	3	0.50	0.003	0.08	0.6	0.23	2.7	0.2	0.06	1	1.5	<0.2
1287936	Soil	9	2.29	228	0.001	5	0.21	0.002	0.07	0.1	1.12	4.9	0.4	0.09	<1	2.7	<0.2
1287937	Soil	9	1.02	136	0.004	6	0.18	0.002	0.07	<0.1	0.61	3.6	0.2	0.11	<1	2.0	<0.2
1287938	Soil	13	3.06	653	0.002	9	0.47	0.006	0.08	0.2	0.60	4.0	1.7	0.10	<1	5.3	<0.2
1287939	Soil	12	5.16	330	0.002	11	0.28	0.008	0.06	0.2	0.10	2.7	1.5	0.12	<1	3.4	<0.2
1287940	Soil	16	4.75	307	0.002	10	0.34	0.007	0.07	0.3	0.12	2.9	1.8	0.13	<1	4.1	<0.2
1287191	Soil	27	0.37	1485	0.004	5	1.34	0.009	0.09	<0.1	0.49	3.1	0.3	0.21	3	3.0	<0.2
1287192	Soil	25	0.37	1401	0.002	6	1.05	0.008	0.08	<0.1	0.51	2.8	0.2	0.21	3	4.0	<0.2
1287193	Soil	26	0.33	1617	0.004	9	1.08	0.007	0.08	0.1	0.41	2.8	0.2	0.19	3	3.5	<0.2
1287194	Soil	22	0.32	1461	0.002	5	0.99	0.005	0.07	<0.1	0.25	2.2	0.1	0.12	3	2.3	<0.2
1287195	Soil	26	0.32	238	0.004	5	1.07	0.009	0.09	<0.1	0.37	3.0	0.2	0.64	3	5.8	<0.2
1287196	Soil	22	0.18	2360	0.004	6	0.83	0.009	0.10	0.1	0.56	2.3	0.3	0.12	2	2.2	<0.2
1287197	Soil	26	0.27	780	0.007	6	0.85	0.012	0.07	<0.1	0.17	2.3	0.1	0.09	2	1.0	<0.2
1287198	Soil	18	0.16	1218	0.003	5	0.78	0.013	0.06	0.1	0.40	1.4	0.1	0.16	2	2.0	<0.2
1287199	Soil	15	0.13	834	0.002	5	0.81	0.008	0.05	<0.1	0.23	1.3	0.1	0.10	2	1.5	<0.2
1287200	Soil	22	0.14	1122	0.009	8	0.94	0.013	0.05	<0.1	0.26	1.5	0.1	0.14	2	2.1	<0.2
1287471	Soil	11	0.08	239	0.005	3	0.59	0.008	0.07	0.3	0.66	1.2	0.2	0.07	2	1.5	<0.2
1287472	Soil	9	0.18	166	<0.001	2	0.66	0.002	0.09	0.1	0.20	2.0	0.2	0.11	2	1.2	<0.2
1287473	Soil	13	0.14	142	0.001	4	0.72	0.003	0.08	0.3	0.53	1.4	0.2	0.07	2	2.0	<0.2
1287474	Soil	14	0.23	106	0.001	2	0.63	0.003	0.08	0.3	0.06	2.1	<0.1	0.07	2	1.3	<0.2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001883.1

		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
1287475	Soil		2.4	42.2	20.0	79	0.6	23.5	8.6	47	2.80	381.3	3.2	9.3	48	0.1	7.0	2.8	12	<0.01	0.052	32
1287476	Soil		2.0	51.5	8.1	90	0.4	39.9	15.6	107	3.66	203.6	2.1	8.2	17	0.3	3.9	2.7	19	<0.01	0.062	32
1287477	Soil		6.1	19.2	34.5	80	1.5	15.5	3.6	82	2.15	119.3	17.8	1.7	22	0.2	10.1	2.1	52	0.03	0.048	16
1287478	Soil		4.6	38.4	22.8	92	1.3	18.9	4.6	44	2.52	295.7	28.7	2.3	33	0.2	12.7	1.7	32	0.02	0.063	18
1287479	Soil		8.8	49.6	97.6	223	1.3	33.4	8.1	125	3.07	351.2	13.2	5.5	52	0.5	16.6	1.3	45	0.03	0.075	24
1287480	Soil		2.4	27.5	20.5	41	0.4	4.4	0.9	20	1.59	115.4	3.0	6.3	70	0.2	6.3	0.4	16	0.01	0.048	26
1288451	Soil		3.9	67.8	37.0	268	0.7	74.4	26.0	637	4.45	34.1	4.8	2.5	21	0.7	5.7	0.4	21	0.16	0.085	4
1288452	Soil		4.0	90.5	49.9	654	0.9	108.6	37.9	889	5.71	17.2	4.4	3.1	16	1.5	3.6	0.5	18	0.07	0.067	2
1288453	Soil		5.4	79.8	35.8	440	1.1	68.0	19.9	531	4.14	16.1	3.2	2.0	37	2.1	3.6	0.4	31	0.13	0.082	3
1288454	Soil		4.1	77.9	35.7	359	0.7	60.7	21.8	616	4.18	14.6	3.1	2.9	24	1.7	3.5	0.4	23	0.08	0.072	3
1288455	Soil		38.9	326.6	16.1	1474	6.9	235.8	4.8	235	2.34	50.8	0.6	1.3	329	39.0	20.0	0.2	743	1.11	0.369	22
1288456	Soil		3.9	70.3	28.2	274	0.9	52.5	17.3	476	3.30	11.3	2.1	3.0	24	1.8	2.9	0.3	26	0.12	0.063	3
1288457	Soil		3.6	58.2	30.8	213	0.8	42.6	16.2	486	3.25	10.8	1.7	1.3	21	0.5	3.1	0.3	26	0.07	0.061	4
1288458	Soil		2.5	48.9	24.1	181	0.8	36.3	12.8	367	2.55	8.5	2.1	1.6	16	0.5	2.2	0.3	20	0.09	0.057	3
1288459	Soil		6.0	85.5	33.7	265	1.2	58.9	17.4	489	3.81	17.7	4.5	2.7	44	1.4	5.2	0.4	41	0.15	0.084	5
1288460	Soil		3.5	70.0	23.4	200	0.9	41.4	11.8	225	3.20	11.7	3.5	2.6	37	0.5	3.6	0.3	26	0.10	0.060	2
1287941	Soil		75.4	38.1	7.5	1927	0.5	318.0	15.2	304	3.65	37.9	0.7	2.5	37	24.6	11.8	0.1	81	0.82	0.073	14
1287942	Soil		77.9	36.8	8.4	4266	0.5	457.2	23.6	262	7.88	74.1	0.8	3.0	23	27.7	13.8	0.1	101	0.61	0.046	13
1287943	Soil		26.6	49.1	11.6	533	0.5	118.5	9.8	158	2.45	52.8	3.2	3.7	18	1.8	12.0	0.2	92	0.14	0.109	20
1287944	Soil		28.3	69.4	13.6	552	0.7	112.8	10.5	212	2.91	76.0	7.9	4.6	36	3.6	11.6	0.3	114	0.13	0.102	15
1287945	Soil		140.2	290.8	27.1	1758	3.4	196.1	9.0	96	5.36	124.7	7.0	2.0	21	11.3	75.0	0.2	833	0.06	0.135	20
1287946	Soil		113.5	249.5	12.0	4236	1.5	479.2	26.5	440	5.73	222.6	9.0	2.5	74	136.1	22.5	0.2	199	0.83	0.168	11
1287947	Soil		84.2	77.7	8.9	2079	0.7	324.6	21.2	384	4.15	171.2	35.8	4.0	54	77.6	45.2	0.1	96	0.77	0.085	11
1287948	Soil		23.6	167.0	17.0	2167	1.1	307.1	20.9	578	4.47	139.9	18.8	5.9	50	54.1	44.4	0.1	268	0.08	0.135	12
1287949	Soil		16.9	182.2	16.0	826	1.1	162.7	14.7	298	3.68	110.5	20.3	4.7	52	33.3	25.4	0.2	194	1.23	0.099	7
1287950	Soil		79.8	197.3	14.6	673	3.9	150.5	6.9	92	3.56	407.9	9.0	1.4	179	3.3	43.9	0.1	1114	0.26	0.323	13
1287481	Soil		16.4	42.2	37.2	162	1.0	33.6	4.7	67	3.01	181.3	13.7	4.4	58	0.7	13.1	0.9	71	0.03	0.079	17
1287482	Soil		23.6	26.2	28.8	100	0.9	18.1	4.1	108	3.23	244.9	6.0	5.6	68	1.0	18.3	1.0	76	0.02	0.073	15
1287483	Soil		23.7	357.7	22.8	755	0.8	145.0	12.1	2687	8.80	226.6	3.7	4.9	58	62.3	19.9	0.4	165	0.98	0.136	12
1287484	Soil		26.9	1115	18.6	1634	0.7	324.4	36.2	3803	17.21	595.4	2.2	8.0	36	128.6	20.1	0.3	229	0.36	0.241	15

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001883.1

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
1287475	Soil	7	<0.01	114	<0.001	2	0.24	0.002	0.08	0.4	0.58	1.3	0.1	0.12	<1	2.2	<0.2
1287476	Soil	13	0.23	87	<0.001	2	0.60	0.002	0.07	0.3	0.74	1.9	0.2	0.11	2	1.8	<0.2
1287477	Soil	12	0.10	131	0.004	2	0.67	0.004	0.05	0.6	3.76	1.0	0.3	0.06	3	1.7	<0.2
1287478	Soil	10	0.02	187	0.002	4	0.45	0.009	0.06	0.5	3.30	1.1	0.4	0.10	2	3.8	<0.2
1287479	Soil	14	0.13	202	0.001	2	0.56	0.004	0.08	0.8	2.04	1.8	0.5	0.11	2	3.0	<0.2
1287480	Soil	9	0.14	116	<0.001	<1	0.41	0.003	0.07	0.1	0.18	1.3	0.2	0.15	1	1.4	<0.2
1288451	Soil	10	0.10	533	<0.001	2	0.41	0.005	0.08	<0.1	0.22	4.3	0.2	0.09	1	1.7	<0.2
1288452	Soil	6	0.08	723	<0.001	2	0.28	0.002	0.08	<0.1	0.12	5.4	0.2	0.06	<1	2.5	<0.2
1288453	Soil	9	0.08	692	0.003	2	0.34	0.003	0.10	<0.1	0.17	5.1	0.4	0.09	1	3.4	<0.2
1288454	Soil	7	0.07	471	<0.001	2	0.29	0.002	0.08	<0.1	0.08	4.5	0.3	0.08	<1	2.6	<0.2
1288455	Soil	110	0.14	684	0.004	11	0.66	0.004	0.14	0.2	1.94	3.6	1.2	0.35	3	35.4	0.3
1288456	Soil	6	0.08	352	<0.001	1	0.30	0.005	0.07	<0.1	0.14	3.6	0.2	<0.05	<1	2.8	<0.2
1288457	Soil	7	0.07	411	0.002	1	0.40	0.008	0.07	<0.1	0.07	2.9	0.3	0.06	2	2.1	<0.2
1288458	Soil	4	0.07	283	0.004	1	0.37	0.012	0.06	<0.1	0.07	2.6	0.2	0.05	1	1.8	<0.2
1288459	Soil	15	0.09	907	0.001	2	0.40	0.005	0.11	<0.1	0.12	4.1	0.4	0.13	1	4.2	<0.2
1288460	Soil	8	0.07	619	0.001	2	0.34	0.005	0.08	<0.1	0.13	3.7	0.2	0.11	1	3.6	<0.2
1287941	Soil	15	0.39	542	0.001	3	0.32	0.002	0.06	0.4	0.26	3.2	3.2	0.08	<1	5.3	<0.2
1287942	Soil	16	0.30	354	0.001	5	0.37	0.002	0.06	0.4	0.96	3.7	3.6	0.08	<1	15.9	<0.2
1287943	Soil	15	0.05	353	0.002	2	0.50	0.002	0.05	0.3	1.07	3.2	0.5	<0.05	1	5.1	<0.2
1287944	Soil	17	0.07	618	0.002	2	0.52	0.002	0.06	0.4	2.05	3.8	0.7	0.06	1	5.6	<0.2
1287945	Soil	50	0.05	967	0.003	4	0.51	0.002	0.10	2.1	4.81	3.7	5.4	<0.05	4	27.9	0.3
1287946	Soil	34	0.13	1575	0.002	4	1.59	0.004	0.06	0.9	5.14	7.7	3.6	0.09	1	11.5	<0.2
1287947	Soil	15	0.29	590	0.001	4	0.77	0.002	0.06	0.7	13.83	3.4	2.6	0.07	<1	9.0	0.2
1287948	Soil	23	0.04	696	0.002	2	1.47	0.002	0.06	0.2	22.89	6.1	2.0	<0.05	<1	5.8	<0.2
1287949	Soil	19	0.53	405	<0.001	3	0.64	0.002	0.06	0.2	14.26	4.7	1.3	0.09	<1	5.1	<0.2
1287950	Soil	53	0.09	1295	0.006	4	1.39	0.008	0.08	0.8	6.30	3.3	2.1	0.13	2	17.1	<0.2
1287481	Soil	15	0.10	334	0.002	2	0.50	0.003	0.08	0.5	2.88	1.9	0.7	0.13	2	5.5	<0.2
1287482	Soil	11	0.03	343	<0.001	<1	0.29	0.005	0.08	0.6	2.08	1.5	0.7	0.12	1	7.6	<0.2
1287483	Soil	17	0.51	599	<0.001	3	1.00	0.005	0.06	0.3	0.53	9.4	0.5	0.12	1	3.1	<0.2
1287484	Soil	36	0.70	580	<0.001	<1	2.41	0.004	0.03	2.8	0.31	24.9	0.3	0.18	2	3.6	<0.2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001883.1

		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
1287485	Soil		27.0	50.1	25.8	111	0.9	17.5	2.0	76	2.54	217.0	2.9	2.5	32	2.9	30.3	0.3	78	0.04	0.062	8
1287486	Soil		15.8	73.7	24.9	143	1.1	26.4	2.8	77	2.22	152.7	10.2	3.2	55	1.8	15.5	0.3	62	0.06	0.070	20
1287487	Soil		10.8	60.9	24.8	99	1.0	21.6	2.3	41	1.61	108.9	7.1	2.8	41	1.0	9.2	0.5	50	0.07	0.056	20
1287488	Soil		11.6	63.4	21.4	177	0.8	34.6	3.8	73	1.87	103.9	8.7	3.1	42	1.6	9.0	0.5	53	0.11	0.067	19
1287489	Soil		12.0	38.1	26.9	110	1.4	24.4	2.7	37	1.81	145.7	33.2	1.3	35	0.9	9.8	0.9	63	0.06	0.089	12
1287490	Soil		12.5	55.7	72.5	107	3.2	15.2	3.1	51	3.51	618.4	124.0	2.1	60	0.6	29.6	3.8	60	0.04	0.123	20
1286221	Soil		3.5	48.2	19.1	156	0.4	42.7	11.9	336	2.95	19.5	6.6	2.6	59	0.9	2.5	0.3	42	0.41	0.103	7
1286222	Soil		2.5	30.2	14.1	98	0.6	27.3	5.1	106	2.49	15.4	6.3	1.1	22	0.3	1.6	0.3	34	0.07	0.064	4
1286223	Soil		2.7	34.3	11.9	104	0.4	27.5	5.7	84	2.93	21.0	7.0	1.0	20	0.2	2.4	0.2	35	0.02	0.068	3
1286224	Soil		2.7	22.2	7.9	61	0.4	17.0	3.3	42	1.56	8.3	1.6	0.2	9	0.4	1.1	0.2	35	0.01	0.053	3
1286225	Soil		2.1	27.0	9.0	78	0.4	17.1	4.0	77	1.76	10.2	1.1	0.2	13	0.9	1.1	0.2	30	0.02	0.065	3
1286226	Soil		5.3	50.6	16.0	188	0.4	63.4	11.9	201	3.82	16.4	3.0	0.6	35	0.5	1.6	0.2	28	0.31	0.083	3
1286227	Soil		2.3	38.5	17.1	165	1.3	60.3	13.6	361	2.86	14.5	3.0	1.5	78	0.8	1.4	0.2	44	0.92	0.124	12
1286228	Soil		2.9	21.4	14.2	94	0.1	23.9	6.6	304	2.62	17.3	2.0	1.5	46	0.5	2.0	0.3	51	0.76	0.065	9
1286229	Soil		1.2	22.6	9.2	122	0.9	30.8	5.2	190	1.73	9.1	1.5	0.4	110	1.5	1.3	0.2	38	2.83	0.148	11
1286230	Soil		1.9	27.5	9.5	137	1.1	41.6	6.1	226	1.77	8.8	4.2	0.3	158	1.3	1.3	0.2	41	3.17	0.171	11
1286871	Soil		2.5	42.8	12.6	86	0.9	25.0	3.5	169	1.94	8.1	4.5	0.7	33	0.6	1.2	0.2	55	0.31	0.107	4
1286872	Soil		2.7	40.5	7.8	97	0.9	25.6	4.5	69	2.16	7.0	<0.5	<0.1	11	0.3	0.8	0.1	39	0.02	0.051	4
1286873	Soil		1.8	17.9	6.6	35	0.6	7.9	1.7	43	0.92	3.3	<0.5	0.1	12	0.7	0.5	0.1	28	0.07	0.076	4
1286874	Soil		1.1	24.9	5.2	25	1.0	13.9	3.7	283	0.99	3.3	1.4	0.3	62	0.4	0.6	0.1	23	0.88	0.085	3
1286875	Soil		1.2	31.8	10.1	112	0.9	34.8	5.0	142	1.82	6.5	2.4	0.7	103	0.7	0.8	0.2	24	1.49	0.080	3
1286876	Soil		0.9	23.5	5.7	36	0.8	19.6	6.1	198	1.07	5.5	2.5	0.2	56	0.6	0.9	<0.1	18	1.00	0.064	3
1286877	Soil		2.0	67.4	7.6	96	1.2	37.7	10.3	157	1.34	4.8	4.2	0.4	32	1.1	1.0	0.1	33	0.47	0.078	5
1286878	Soil		2.3	60.0	7.4	142	1.1	34.6	4.6	164	1.41	6.4	1.9	0.5	42	1.0	1.3	0.3	39	0.94	0.094	5
1286879	Soil		2.5	37.7	12.1	134	1.1	26.7	5.2	255	1.64	9.2	4.8	0.6	58	0.9	2.1	0.2	50	1.52	0.098	5
1286880	Soil		1.6	68.9	9.2	98	1.2	44.0	5.2	233	1.44	6.3	3.4	0.5	64	1.1	1.3	0.2	35	1.66	0.081	6
1288731	Soil		19.2	146.3	20.8	515	1.1	171.3	57.4	871	2.02	67.3	8.8	1.6	61	5.8	14.7	0.2	100	0.16	0.102	11
1288732	Soil		15.4	86.0	26.6	573	1.3	93.3	13.2	303	2.83	77.6	9.2	3.0	81	5.3	13.7	0.3	84	0.57	0.106	10
1288733	Soil		9.6	73.0	20.1	454	1.2	75.6	11.1	239	2.86	67.6	6.1	2.5	63	3.7	9.5	0.3	71	0.26	0.082	8
1288734	Soil		8.7	83.3	18.2	389	1.3	74.5	14.8	266	3.26	238.4	6.7	2.3	56	3.7	10.5	0.3	64	0.27	0.092	10

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001883.1

	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
1287485	Soil	8	0.02	219	<0.001	1	0.26	0.002	0.04	0.2	0.27	1.6	0.5	<0.05	<1	5.7	<0.2
1287486	Soil	9	0.04	308	<0.001	<1	0.39	0.003	0.05	0.5	0.83	2.2	0.7	<0.05	1	3.8	<0.2
1287487	Soil	10	0.07	324	<0.001	1	0.44	0.003	0.05	0.9	0.98	1.7	0.5	<0.05	1	3.5	<0.2
1287488	Soil	13	0.10	357	<0.001	<1	0.50	0.003	0.05	0.4	0.86	1.7	0.4	<0.05	2	2.7	<0.2
1287489	Soil	12	0.05	406	<0.001	1	0.49	0.004	0.06	0.5	2.66	1.2	0.8	<0.05	2	2.9	<0.2
1287490	Soil	16	0.08	266	0.002	2	0.61	0.008	0.11	2.0	12.06	1.1	2.2	0.19	2	8.0	<0.2
1286221	Soil	21	0.29	1841	0.009	4	0.91	0.008	0.09	0.1	0.50	3.2	0.1	0.07	2	1.8	0.2
1286222	Soil	16	0.15	428	0.003	4	0.71	0.009	0.07	<0.1	0.18	2.0	0.1	0.06	3	1.3	<0.2
1286223	Soil	15	0.06	116	0.002	1	0.45	0.004	0.04	<0.1	0.05	1.8	<0.1	<0.05	2	2.3	<0.2
1286224	Soil	9	0.02	112	0.002	1	0.42	0.010	0.03	<0.1	0.04	0.6	<0.1	<0.05	2	0.9	<0.2
1286225	Soil	10	0.02	126	0.003	<1	0.41	0.011	0.05	<0.1	0.03	0.5	<0.1	<0.05	2	1.5	<0.2
1286226	Soil	19	0.11	239	0.004	2	0.72	0.008	0.07	<0.1	0.08	2.8	0.1	<0.05	2	2.0	<0.2
1286227	Soil	26	0.24	714	0.003	5	1.01	0.007	0.11	<0.1	0.13	2.9	0.1	0.05	3	2.0	<0.2
1286228	Soil	20	0.27	523	0.009	3	0.90	0.006	0.09	0.3	0.09	1.9	0.1	<0.05	4	1.6	0.2
1286229	Soil	21	0.13	459	0.002	5	0.65	0.007	0.04	<0.1	0.13	1.2	<0.1	0.13	1	2.3	<0.2
1286230	Soil	22	0.11	582	0.002	6	0.79	0.007	0.06	<0.1	0.16	1.0	0.1	0.18	1	2.7	<0.2
1286871	Soil	19	0.16	660	0.004	3	1.10	0.014	0.09	0.1	0.17	2.1	0.3	<0.05	4	1.5	<0.2
1286872	Soil	9	0.03	96	0.004	<1	0.48	0.010	0.03	<0.1	0.03	0.8	0.1	<0.05	3	0.8	<0.2
1286873	Soil	8	0.03	284	0.002	1	0.46	0.011	0.03	<0.1	0.03	0.3	<0.1	<0.05	2	<0.5	<0.2
1286874	Soil	7	0.10	401	0.008	2	0.79	0.027	0.04	<0.1	0.13	0.8	0.1	0.05	2	2.6	<0.2
1286875	Soil	15	0.19	426	0.002	4	0.86	0.009	0.05	<0.1	0.27	2.2	0.1	0.11	2	3.6	<0.2
1286876	Soil	7	0.10	187	0.007	2	0.61	0.022	0.04	<0.1	0.12	0.9	<0.1	0.07	2	1.7	<0.2
1286877	Soil	11	0.13	293	0.005	2	0.86	0.016	0.04	<0.1	0.20	2.0	0.1	<0.05	3	2.2	<0.2
1286878	Soil	13	0.13	423	0.004	2	0.95	0.013	0.05	0.1	0.25	1.7	0.2	0.08	3	2.5	<0.2
1286879	Soil	14	0.12	570	0.004	2	0.93	0.015	0.06	<0.1	0.28	1.8	0.2	0.07	3	2.7	<0.2
1286880	Soil	12	0.14	379	0.003	3	0.78	0.012	0.05	<0.1	0.32	2.0	0.2	0.09	2	2.6	<0.2
1288731	Soil	24	0.08	610	0.002	3	0.78	0.006	0.09	3.0	3.25	3.7	1.0	<0.05	2	4.4	<0.2
1288732	Soil	26	0.17	900	0.001	3	0.79	0.005	0.11	1.3	1.78	3.5	0.7	0.07	2	4.1	<0.2
1288733	Soil	29	0.20	1191	0.001	5	0.97	0.006	0.12	0.7	1.62	3.5	0.4	<0.05	3	3.3	<0.2
1288734	Soil	23	0.17	1028	0.001	9	0.98	0.007	0.09	0.6	1.85	3.1	0.5	<0.05	2	4.3	<0.2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001883.1

		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
1288735	Soil		8.2	106.3	17.2	646	1.3	148.5	26.2	815	3.46	397.0	3.9	2.4	62	13.2	10.5	0.3	62	0.28	0.090	11
1288736	Soil		9.4	109.9	18.2	674	1.3	146.1	24.4	936	2.71	192.2	11.7	2.0	72	12.3	11.1	0.3	78	0.44	0.102	10
1288737	Soil		10.1	76.1	19.9	460	1.2	85.5	14.1	447	3.23	170.1	8.5	2.4	56	5.2	10.1	0.3	71	0.27	0.084	10
1288738	Soil		15.8	54.2	18.6	1527	1.0	165.8	53.0	937	10.11	516.7	6.4	2.9	53	3.1	17.8	0.3	77	0.24	0.081	8
1288739	Soil		15.6	73.9	19.3	2130	1.2	267.2	119.9	2800	9.78	165.1	12.5	2.7	57	28.5	12.5	0.4	93	0.29	0.090	9
1288740	Soil		20.7	127.7	22.8	1875	1.3	232.4	93.5	510	6.46	146.9	7.1	3.4	78	26.6	14.7	0.5	91	0.41	0.103	11
1289351	Soil		2.5	110.0	19.9	265	1.1	75.1	12.9	484	3.25	15.1	5.3	0.9	127	2.8	1.6	0.2	30	1.49	0.135	6
1289352	Soil		1.2	14.0	6.5	52	0.4	9.3	2.3	68	1.02	3.8	1.1	0.3	91	0.7	0.5	0.1	20	0.78	0.049	3
1289353	Soil		2.4	15.4	6.9	77	0.4	12.0	5.0	215	1.21	5.3	<0.5	0.5	134	2.8	0.6	0.1	25	1.09	0.054	3
1289354	Soil		3.4	19.6	12.7	78	0.2	14.3	4.0	195	2.17	9.0	3.5	2.1	10	0.2	1.2	0.2	45	0.05	0.031	11
1289355	Soil		3.1	15.2	4.0	34	0.4	7.0	1.8	85	0.81	3.9	<0.5	0.2	10	0.2	0.9	0.1	29	0.03	0.024	6
1289356	Soil		2.7	8.8	8.5	30	<0.1	8.0	1.6	52	1.14	7.4	<0.5	0.3	10	0.1	0.7	0.1	32	0.03	0.027	5
1289357	Soil		1.2	17.5	9.9	53	<0.1	12.0	3.8	220	2.34	5.8	1.8	0.6	6	0.2	0.4	0.5	38	0.03	0.076	2
1289358	Soil		2.7	8.9	9.5	43	0.2	9.5	2.1	52	1.55	10.1	2.6	0.6	8	0.2	1.2	0.3	52	0.02	0.034	7
1289359	Soil		3.6	12.0	12.5	53	0.2	11.8	2.9	104	1.78	10.4	1.4	0.6	9	0.3	1.0	0.2	59	0.02	0.042	8
1289360	Soil		4.4	15.6	11.9	89	0.5	19.1	3.4	106	1.54	13.0	3.6	0.5	11	0.4	1.8	0.2	44	0.03	0.053	5
1287491	Soil		15.2	64.7	90.6	126	3.1	18.3	3.3	57	4.09	746.8	165.4	1.7	80	0.9	49.1	4.2	60	0.05	0.157	22
1287492	Soil		16.4	56.1	90.8	143	3.1	19.8	6.4	199	4.01	821.6	153.3	4.9	104	0.8	44.5	3.8	74	0.05	0.168	27
1287493	Soil		14.9	57.2	71.4	130	2.7	22.3	4.1	89	3.73	581.7	106.0	2.6	75	0.8	39.6	3.1	64	0.08	0.155	19
1287494	Soil		6.2	46.1	22.9	127	1.4	29.7	4.8	76	2.22	115.2	22.2	1.8	38	1.0	18.9	0.5	31	0.09	0.070	8
1287495	Soil		6.1	50.5	27.9	133	1.6	29.8	5.1	106	2.43	119.0	24.8	1.8	42	0.7	20.8	0.6	32	0.14	0.076	9
1287496	Soil		5.4	49.7	18.5	166	0.9	39.3	9.9	438	2.33	56.1	8.8	2.4	46	1.0	4.8	0.4	52	0.37	0.077	8
1287497	Soil		3.1	37.2	17.8	124	0.5	33.9	8.2	249	2.89	16.8	4.5	1.7	32	0.4	1.7	0.3	45	0.21	0.074	6
1287498	Soil		1.4	20.8	9.6	93	0.5	25.9	5.9	204	1.81	9.6	2.8	0.8	48	0.3	0.7	0.3	26	0.65	0.057	3
1287499	Soil		1.7	24.7	11.6	67	0.6	20.6	4.4	85	1.77	8.5	4.6	0.8	24	0.3	0.7	0.3	29	0.18	0.120	4
1287500	Soil		1.7	29.6	15.0	117	0.6	31.6	6.1	316	2.50	14.0	3.3	1.0	41	0.5	0.8	0.3	35	0.33	0.126	5
1289381	Soil		5.9	43.4	14.7	163	0.9	43.0	7.8	269	2.38	18.3	5.8	2.0	37	0.9	2.0	0.2	46	0.30	0.088	7
1289382	Soil		1.0	24.9	6.6	53	0.8	16.0	4.2	163	1.14	5.8	2.5	0.4	33	0.8	0.7	0.2	22	0.77	0.064	3
1289383	Soil		7.7	55.1	12.8	257	3.9	69.5	9.6	330	2.96	16.0	4.8	1.9	61	1.3	1.7	0.2	32	0.79	0.098	5
1289384	Soil		2.0	38.9	13.0	117	0.8	37.0	6.5	241	2.14	12.3	6.7	1.3	38	0.7	1.3	0.2	30	0.58	0.077	5

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001883.1

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
1288735	Soil	27	0.17	987	0.002	3	1.07	0.005	0.09	4.2	2.04	3.5	0.5	<0.05	2	3.1	<0.2
1288736	Soil	24	0.15	853	0.002	2	0.93	0.005	0.08	1.2	1.95	3.5	0.5	0.07	2	5.0	<0.2
1288737	Soil	21	0.16	794	0.002	2	0.97	0.007	0.08	0.8	1.74	3.4	0.4	<0.05	2	3.9	<0.2
1288738	Soil	19	0.15	920	0.001	2	0.68	0.004	0.08	0.4	1.50	3.5	0.6	<0.05	2	3.2	<0.2
1288739	Soil	20	0.13	649	0.002	4	0.97	0.005	0.09	0.6	2.29	3.7	0.8	0.05	2	4.2	<0.2
1288740	Soil	21	0.20	912	0.002	3	1.12	0.004	0.08	0.4	3.26	4.4	1.5	0.12	2	6.7	<0.2
1289351	Soil	21	0.45	480	0.005	3	1.10	0.009	0.05	<0.1	0.31	3.7	0.1	0.10	3	2.4	<0.2
1289352	Soil	11	0.12	371	0.006	<1	0.68	0.018	0.04	<0.1	0.09	0.8	<0.1	0.06	2	0.5	<0.2
1289353	Soil	11	0.15	604	0.010	2	0.58	0.015	0.03	0.2	0.07	1.1	<0.1	0.09	2	1.1	<0.2
1289354	Soil	21	0.14	179	0.006	<1	1.14	0.005	0.04	<0.1	0.05	1.3	0.2	<0.05	4	0.7	<0.2
1289355	Soil	7	0.03	267	0.007	2	0.34	0.013	0.04	0.1	0.03	0.7	<0.1	<0.05	2	<0.5	<0.2
1289356	Soil	11	0.03	56	0.005	<1	0.38	0.010	0.03	0.1	0.03	0.4	<0.1	<0.05	4	<0.5	<0.2
1289357	Soil	15	0.16	74	0.005	3	1.05	0.010	0.03	<0.1	0.03	1.0	<0.1	<0.05	4	<0.5	<0.2
1289358	Soil	12	0.05	105	0.009	2	0.61	0.009	0.04	0.1	0.02	0.7	0.1	<0.05	3	0.7	<0.2
1289359	Soil	13	0.06	154	0.004	<1	0.73	0.004	0.03	0.1	0.03	0.6	0.2	<0.05	4	0.9	<0.2
1289360	Soil	15	0.04	132	0.005	4	0.48	0.010	0.05	0.1	0.07	0.8	0.2	<0.05	2	1.3	<0.2
1287491	Soil	19	0.08	361	0.003	4	0.66	0.011	0.14	2.5	17.72	0.8	3.5	0.29	2	10.2	0.3
1287492	Soil	23	0.09	427	0.004	4	0.67	0.009	0.19	3.1	28.67	1.5	3.1	0.27	3	13.5	0.3
1287493	Soil	19	0.08	422	0.002	3	0.68	0.008	0.14	1.4	17.80	1.4	2.6	0.21	3	9.9	0.2
1287494	Soil	22	0.06	513	0.001	3	0.46	0.004	0.08	0.7	8.47	2.0	0.3	<0.05	1	6.2	<0.2
1287495	Soil	18	0.07	547	<0.001	2	0.50	0.004	0.08	0.5	8.95	2.0	0.3	0.08	2	6.1	<0.2
1287496	Soil	24	0.18	971	0.001	3	0.75	0.005	0.07	0.5	1.28	2.6	0.2	<0.05	2	3.1	<0.2
1287497	Soil	23	0.30	475	0.002	2	1.07	0.006	0.07	<0.1	0.28	2.3	0.1	<0.05	3	1.3	<0.2
1287498	Soil	13	0.17	765	0.002	2	0.98	0.021	0.07	<0.1	0.27	2.0	0.1	<0.05	3	1.0	<0.2
1287499	Soil	19	0.11	330	0.004	2	0.98	0.013	0.07	<0.1	0.32	2.4	0.2	<0.05	3	1.2	<0.2
1287500	Soil	21	0.23	514	0.002	2	1.09	0.008	0.08	<0.1	0.18	2.3	0.1	0.06	3	1.0	<0.2
1289381	Soil	23	0.19	721	0.002	3	0.79	0.005	0.09	0.1	0.35	2.3	0.1	<0.05	3	2.1	<0.2
1289382	Soil	9	0.08	377	0.004	2	0.53	0.019	0.04	<0.1	0.22	1.1	<0.1	0.07	2	2.8	<0.2
1289383	Soil	22	0.16	471	<0.001	3	0.73	0.005	0.05	<0.1	0.56	2.9	0.1	0.07	2	5.0	<0.2
1289384	Soil	20	0.13	426	0.003	2	0.72	0.012	0.07	<0.1	0.33	2.6	0.1	0.09	2	2.6	<0.2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001883.1

		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
1289385	Soil		1.9	47.6	13.5	125	0.8	42.8	7.1	172	2.35	13.0	5.9	1.6	40	0.7	1.5	0.2	29	0.50	0.085	4
1289386	Soil		1.3	51.0	10.7	80	0.7	41.7	4.5	57	1.80	8.8	6.3	0.9	51	0.5	1.2	0.2	23	1.01	0.077	4
1289387	Soil		2.6	40.9	11.8	135	0.7	37.0	6.8	139	2.40	12.6	4.9	1.5	37	0.5	1.7	0.2	30	0.51	0.079	4
1289388	Soil		12.2	21.4	40.5	140	0.5	23.6	4.4	118	2.82	31.8	1.6	3.9	86	1.0	5.6	0.3	108	0.06	0.071	7
1289389	Soil		21.1	40.0	18.2	122	0.8	27.8	2.5	46	1.60	21.8	5.1	1.8	59	1.4	5.3	0.2	100	0.24	0.108	9
1289390	Soil		30.6	38.3	18.4	216	1.1	66.4	7.4	458	2.05	20.2	4.7	2.4	58	3.7	12.0	0.2	217	0.58	0.115	11
1286781	Soil		15.4	39.6	13.9	214	0.3	48.8	7.1	178	2.09	23.3	2.6	2.3	34	1.2	3.7	0.2	71	0.23	0.098	15
1286782	Soil		6.2	22.4	7.4	108	0.5	27.1	3.5	74	1.16	10.3	2.7	0.3	21	0.9	1.7	0.1	44	0.18	0.058	5
1286783	Soil		14.1	47.9	16.0	246	0.3	59.0	9.5	214	2.42	23.2	5.1	2.7	43	1.8	4.4	0.2	84	0.27	0.111	14
1286784	Soil		13.5	48.4	15.0	246	0.4	58.2	9.6	206	2.45	25.3	2.9	2.2	39	1.7	3.9	0.2	72	0.27	0.097	13
1286785	Soil		13.8	42.6	18.1	221	0.3	48.8	10.2	293	2.49	28.1	3.9	1.6	28	1.5	3.7	0.2	82	0.15	0.085	12
1286786	Soil		13.2	47.5	16.7	252	0.5	55.9	10.0	292	2.58	28.8	3.0	2.0	34	1.7	4.0	0.2	83	0.21	0.097	13
1286787	Soil		12.4	43.6	17.7	228	1.2	51.0	8.4	248	2.78	25.7	4.0	2.1	43	1.7	3.5	0.3	99	0.31	0.118	11
1286788	Soil		8.6	35.2	13.1	193	0.9	47.6	8.3	356	1.88	18.3	3.8	1.3	37	1.8	2.7	0.2	55	0.26	0.081	9
1286789	Soil		8.8	35.4	14.9	215	0.4	47.2	10.1	477	2.40	21.4	3.8	2.4	50	2.1	2.9	0.2	63	0.54	0.178	13
1286790	Soil		8.6	54.0	16.2	297	0.9	70.6	15.0	494	2.25	24.1	4.3	2.2	59	5.4	3.5	0.2	63	0.74	0.107	9
1289391	Soil		21.0	19.3	13.3	88	0.2	17.9	3.2	110	1.46	19.8	2.3	1.2	26	0.6	4.6	0.2	114	0.17	0.054	9
1289392	Soil		23.0	51.1	16.0	295	1.0	69.1	8.5	231	2.22	28.2	6.1	2.0	57	1.4	9.4	0.2	172	0.34	0.122	10
1289393	Soil		31.5	55.5	13.9	1530	0.9	195.4	7.3	169	2.36	104.8	3.9	2.5	65	19.8	6.1	0.3	116	0.91	0.207	13
1289394	Soil		173.7	56.2	16.0	2477	0.6	262.6	76.3	2305	5.80	58.1	2.5	1.9	34	12.1	15.6	0.3	126	0.27	0.149	14
1289395	Soil		17.5	28.0	10.7	567	0.8	61.1	5.0	182	1.57	27.9	2.2	0.4	25	5.0	6.4	0.2	168	0.16	0.103	11
1289396	Soil		29.5	20.8	10.5	289	0.7	53.6	2.1	39	1.07	34.9	1.3	0.2	8	0.5	15.4	0.2	463	0.01	0.031	20
1289397	Soil		18.5	24.0	9.9	296	0.4	40.6	3.6	124	1.17	27.1	1.1	0.7	16	4.1	5.1	0.2	424	0.16	0.037	14
1289398	Soil		11.2	25.1	11.3	144	0.4	34.5	4.6	142	1.77	19.0	<0.5	0.8	32	1.7	2.5	0.2	84	0.43	0.064	11
1289399	Soil		15.6	41.4	17.7	282	0.5	68.8	10.1	320	3.04	33.5	3.8	2.4	37	1.9	4.4	0.2	94	0.35	0.145	15
1289400	Soil		28.1	44.2	20.1	227	0.3	62.6	8.0	201	2.80	64.2	4.7	3.3	24	0.7	4.2	0.3	113	0.12	0.111	20
1286771	Soil		10.7	25.4	15.0	169	0.3	28.4	3.8	85	1.97	25.1	3.4	0.6	23	0.9	3.9	0.2	160	0.05	0.083	9
1286772	Soil		12.7	48.5	18.5	223	0.4	42.7	6.8	176	2.67	31.2	4.0	2.2	45	1.3	5.5	0.3	82	0.14	0.116	13
1286773	Soil		9.6	44.7	17.9	242	0.4	50.0	9.4	204	2.74	27.9	4.9	1.6	40	1.5	3.8	0.2	68	0.22	0.093	12
1286774	Soil		10.3	18.7	11.5	131	0.4	21.3	9.6	272	1.76	14.2	1.8	2.4	35	0.6	1.8	0.2	74	0.38	0.103	9

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001883.1

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
1289385	Soil	18	0.13	483	<0.001	1	0.74	0.005	0.06	<0.1	0.30	3.0	0.1	<0.05	2	2.4	<0.2
1289386	Soil	15	0.11	460	0.002	2	0.63	0.012	0.05	<0.1	0.27	2.2	<0.1	0.15	2	4.3	<0.2
1289387	Soil	17	0.13	416	0.002	2	0.67	0.004	0.06	<0.1	0.28	2.7	<0.1	<0.05	2	2.4	<0.2
1289388	Soil	13	0.04	592	0.001	2	0.35	0.005	0.11	0.1	0.44	1.4	0.8	0.22	1	2.4	<0.2
1289389	Soil	19	0.11	1737	0.002	3	0.72	0.003	0.06	0.1	1.00	1.9	0.4	<0.05	2	4.9	<0.2
1289390	Soil	23	0.19	909	0.003	5	0.91	0.006	0.08	0.2	0.80	2.5	0.9	<0.05	3	3.1	<0.2
1286781	Soil	14	0.14	1099	0.003	3	0.64	0.003	0.07	0.1	0.20	1.8	0.2	<0.05	2	1.7	<0.2
1286782	Soil	11	0.09	857	0.003	2	0.57	0.017	0.06	<0.1	0.19	0.8	0.2	<0.05	2	1.6	<0.2
1286783	Soil	23	0.16	1765	0.004	4	0.72	0.005	0.09	0.1	0.31	2.5	0.3	<0.05	2	2.3	<0.2
1286784	Soil	17	0.17	1486	0.004	1	0.75	0.005	0.09	<0.1	0.26	2.5	0.2	<0.05	2	1.7	<0.2
1286785	Soil	18	0.13	867	0.003	2	0.76	0.004	0.08	0.1	0.17	1.7	0.2	<0.05	2	1.4	<0.2
1286786	Soil	18	0.15	1102	0.003	2	0.85	0.004	0.08	0.1	0.24	2.2	0.3	<0.05	3	1.8	<0.2
1286787	Soil	22	0.17	1986	0.002	4	1.08	0.006	0.11	0.1	0.57	3.0	0.4	<0.05	3	1.6	<0.2
1286788	Soil	13	0.11	1502	0.003	4	0.76	0.013	0.06	0.2	0.33	1.9	0.2	<0.05	2	1.6	<0.2
1286789	Soil	15	0.16	1141	0.003	4	0.72	0.008	0.08	0.1	0.24	2.1	0.2	<0.05	2	1.7	<0.2
1286790	Soil	17	0.18	1474	0.002	2	0.86	0.008	0.06	0.2	0.44	3.1	0.2	0.09	2	3.6	<0.2
1289391	Soil	14	0.07	353	0.003	2	0.45	0.007	0.05	0.2	0.12	0.9	0.4	<0.05	3	1.5	<0.2
1289392	Soil	25	0.15	1068	0.003	3	0.85	0.009	0.10	0.3	0.62	2.3	1.1	<0.05	3	3.2	<0.2
1289393	Soil	19	0.17	929	0.003	8	0.60	0.004	0.08	0.2	0.48	3.4	0.6	0.07	2	3.9	<0.2
1289394	Soil	16	0.07	908	0.003	4	0.54	0.003	0.06	0.2	1.12	3.2	0.9	<0.05	2	3.2	<0.2
1289395	Soil	20	0.09	330	0.006	4	0.53	0.010	0.06	0.2	0.18	0.8	0.7	<0.05	3	2.9	<0.2
1289396	Soil	19	0.03	120	0.010	6	0.37	0.003	0.07	0.2	0.05	0.3	0.4	<0.05	4	8.9	<0.2
1289397	Soil	24	0.10	389	0.003	2	0.78	0.007	0.07	0.2	0.14	0.6	0.7	<0.05	3	3.4	<0.2
1289398	Soil	14	0.11	1108	0.003	<1	0.82	0.004	0.05	0.1	0.10	1.1	0.3	<0.05	3	1.2	<0.2
1289399	Soil	21	0.13	1130	0.003	2	0.92	0.004	0.09	0.2	0.25	2.8	0.4	<0.05	2	1.7	<0.2
1289400	Soil	20	0.11	437	0.002	4	1.02	0.004	0.07	0.2	0.25	2.2	0.6	<0.05	3	2.3	<0.2
1286771	Soil	18	0.10	324	0.005	3	0.57	0.006	0.06	0.1	0.10	1.0	0.3	<0.05	2	2.5	0.2
1286772	Soil	20	0.16	807	0.006	2	0.70	0.003	0.07	0.1	0.41	2.4	0.3	<0.05	2	2.8	<0.2
1286773	Soil	17	0.14	942	0.002	3	0.79	0.004	0.06	0.1	0.23	2.1	0.3	<0.05	2	2.8	<0.2
1286774	Soil	14	0.12	676	0.002	4	0.70	0.008	0.06	<0.1	0.24	2.1	0.2	<0.05	2	1.5	<0.2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001883.1

	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
1286775	Soil	9.1	32.0	13.0	161	0.5	28.7	5.6	131	1.63	15.7	2.0	2.6	40	1.2	2.3	0.2	76	0.40	0.113	12
1286776	Soil	14.0	43.0	14.7	169	0.6	38.9	7.5	156	2.18	20.6	1.2	3.1	43	1.9	3.1	0.2	78	0.44	0.135	13
1286777	Soil	21.1	53.5	16.0	434	1.3	67.3	7.7	216	1.87	30.3	3.5	1.8	69	3.6	7.0	0.2	265	0.70	0.116	14
1286778	Soil	10.5	23.5	8.4	153	0.3	33.3	3.4	57	1.15	17.3	1.1	0.2	20	2.1	2.4	0.1	56	0.24	0.050	10
1286779	Soil	36.6	33.7	13.6	337	0.2	86.4	7.7	154	2.11	28.9	1.0	1.3	19	1.3	4.3	0.2	109	0.07	0.052	14
1286780	Soil	9.6	13.0	7.4	83	0.2	17.8	3.0	48	1.25	12.8	<0.5	0.6	9	0.5	2.3	0.1	55	0.03	0.036	6
1286241	Soil	1.7	41.7	22.7	80	0.9	21.6	4.5	176	3.17	30.4	5.4	2.2	80	0.2	0.9	0.3	28	0.28	0.074	3
1286242	Soil	2.7	28.6	19.5	116	0.3	33.2	7.5	257	3.17	19.4	1.8	2.1	51	0.4	1.0	0.2	30	0.21	0.080	4
1286243	Soil	1.8	22.8	16.6	94	0.3	27.0	6.2	226	2.62	13.5	1.6	1.3	43	0.3	0.6	0.2	27	0.19	0.084	4
1286244	Soil	1.0	13.8	10.2	48	0.3	15.4	3.4	103	1.62	6.2	0.7	0.6	20	<0.1	0.3	0.1	20	0.04	0.065	2
1286245	Soil	1.6	27.9	16.8	98	0.5	32.3	6.3	373	2.71	14.6	2.6	1.3	52	0.2	0.6	0.2	32	0.25	0.112	6
1286246	Soil	1.5	12.7	10.8	50	0.3	14.5	3.1	106	1.72	8.4	<0.5	0.4	19	0.1	0.6	0.1	26	0.10	0.057	2
1286247	Soil	3.1	24.5	15.8	118	0.4	31.6	7.6	260	3.09	14.7	1.6	1.3	55	0.3	0.9	0.2	35	0.47	0.102	5
1286248	Soil	3.0	38.4	8.7	86	0.8	33.0	5.9	446	2.05	16.2	4.8	0.9	63	2.0	3.3	0.1	74	1.29	0.096	7
1286249	Soil	4.8	44.3	12.0	171	1.3	35.4	9.4	1340	2.18	15.2	6.2	2.0	72	1.9	3.6	0.2	100	0.87	0.126	10
1286250	Soil	4.4	78.0	15.1	204	0.7	43.3	13.0	361	2.80	18.0	7.6	2.5	74	0.9	2.2	0.2	49	0.54	0.116	8
1287631	Soil	8.1	36.7	18.7	266	0.4	49.7	10.3	227	3.12	24.1	0.7	2.3	50	1.4	4.4	0.2	51	0.23	0.104	10
1287632	Soil	2.9	15.5	7.5	112	0.6	25.0	4.1	79	1.03	6.9	1.0	0.1	21	0.9	1.3	<0.1	24	0.13	0.044	2
1287633	Soil	11.6	33.9	20.0	413	0.8	63.6	7.9	298	2.71	32.4	1.3	1.8	51	2.5	3.9	0.2	67	0.38	0.124	10
1287634	Soil	11.6	39.2	22.9	570	0.4	66.7	11.1	285	3.20	28.1	2.9	1.5	30	2.1	3.4	0.2	85	0.22	0.106	8

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001883.1

	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
1286775	Soil	14	0.13	911	0.002	2	0.76	0.006	0.07	0.1	0.29	2.7	0.3	<0.05	2	1.8	<0.2
1286776	Soil	13	0.13	919	0.002	4	0.67	0.004	0.07	0.1	0.32	3.2	0.3	<0.05	2	1.9	<0.2
1286777	Soil	23	0.18	972	0.004	4	0.77	0.010	0.09	0.2	0.53	2.7	0.7	<0.05	2	2.9	<0.2
1286778	Soil	9	0.06	599	0.003	3	0.48	0.015	0.06	<0.1	0.14	0.4	0.3	<0.05	2	0.6	<0.2
1286779	Soil	19	0.07	409	0.006	4	0.95	0.005	0.06	0.2	0.15	1.7	1.0	<0.05	3	2.3	<0.2
1286780	Soil	8	0.04	313	0.004	3	0.52	0.011	0.04	<0.1	0.05	0.7	0.2	<0.05	2	0.8	<0.2
1286241	Soil	25	0.24	538	0.003	6	0.90	0.009	0.11	<0.1	0.20	3.3	0.1	0.10	3	2.0	0.2
1286242	Soil	22	0.32	480	0.001	<1	1.08	0.007	0.08	<0.1	0.14	3.4	0.1	0.07	3	1.3	<0.2
1286243	Soil	19	0.22	389	0.002	2	1.05	0.013	0.07	<0.1	0.08	2.4	0.1	0.06	3	0.8	<0.2
1286244	Soil	14	0.16	193	0.002	2	0.80	0.018	0.05	<0.1	0.06	1.3	0.1	<0.05	3	0.6	<0.2
1286245	Soil	22	0.21	550	0.003	<1	1.25	0.010	0.09	<0.1	0.16	3.3	0.2	0.06	4	1.4	<0.2
1286246	Soil	13	0.06	113	0.003	<1	0.54	0.013	0.05	<0.1	0.05	0.9	<0.1	<0.05	3	1.2	<0.2
1286247	Soil	21	0.26	394	0.003	3	1.00	0.007	0.07	<0.1	0.07	2.4	<0.1	0.05	3	2.1	<0.2
1286248	Soil	14	0.11	1062	0.005	3	0.62	0.016	0.06	0.2	0.41	1.5	0.1	0.08	2	4.4	<0.2
1286249	Soil	21	0.19	2056	0.004	5	0.98	0.009	0.11	0.2	0.80	2.7	0.3	0.06	3	3.2	<0.2
1286250	Soil	26	0.41	2169	0.004	3	1.16	0.007	0.07	0.1	0.26	3.4	0.3	<0.05	3	1.5	<0.2
1287631	Soil	20	0.22	2206	0.007	3	0.78	0.006	0.07	<0.1	0.13	2.8	0.2	0.05	2	2.5	<0.2
1287632	Soil	7	0.07	954	0.003	<1	0.50	0.026	0.06	<0.1	0.12	0.4	0.2	0.05	2	1.2	<0.2
1287633	Soil	20	0.19	781	0.006	2	0.87	0.010	0.08	0.2	0.25	2.2	0.3	<0.05	3	2.4	<0.2
1287634	Soil	23	0.17	675	0.004	2	1.22	0.009	0.08	0.1	0.25	3.0	0.5	<0.05	3	2.3	<0.2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 06, 2011

QUALITY CONTROL REPORT WHI11001883.1

	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																					
1286792	Soil	15.4	68.1	20.1	1075	0.9	148.7	10.6	113	2.26	40.9	3.3	4.4	58	8.6	4.8	0.2	120	0.83	0.188	14
REP 1286792	QC	14.7	66.8	20.2	1061	0.9	142.1	10.1	114	2.25	40.2	3.4	4.6	59	7.3	4.9	0.2	128	0.83	0.186	16
1284322	Soil	3.2	28.2	10.9	115	0.7	23.7	6.2	230	2.14	13.6	2.7	1.3	34	1.5	1.7	0.1	50	0.44	0.084	6
REP 1284322	QC	3.0	27.5	10.6	105	0.7	22.0	6.4	219	2.06	13.8	3.6	1.3	34	1.4	1.6	0.1	49	0.43	0.086	6
1289223	Soil	13.9	44.2	18.8	57	1.7	12.3	1.1	47	0.87	15.0	5.7	1.8	98	1.5	3.6	0.2	136	0.51	0.296	14
REP 1289223	QC	14.1	44.9	18.6	57	1.7	12.7	1.1	48	0.88	15.2	6.5	1.8	97	1.5	3.6	0.2	140	0.50	0.304	14
1289379	Soil	2.9	48.9	12.0	157	0.7	38.7	7.3	276	2.13	13.0	5.9	1.6	57	1.5	2.1	0.2	50	1.16	0.108	7
REP 1289379	QC	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.
1286882	Soil	2.3	41.4	13.6	148	0.7	39.0	7.6	141	2.46	13.3	5.3	1.5	38	0.6	1.6	0.2	26	0.54	0.096	4
REP 1286882	QC	2.5	42.6	14.4	159	0.7	41.4	8.0	150	2.61	14.2	5.3	1.5	41	0.5	1.6	0.2	25	0.61	0.107	4
1286211	Soil	2.0	40.8	9.0	89	1.3	27.9	5.3	185	1.34	8.1	4.2	0.5	50	1.2	1.1	0.2	24	0.72	0.063	5
REP 1286211	QC	2.1	39.6	8.9	83	1.3	27.5	5.0	174	1.33	6.6	5.1	0.4	47	1.1	1.0	0.2	23	0.71	0.057	5
1283199	Soil	51.2	69.3	9.5	962	1.4	172.9	7.5	92	2.23	467.6	2.1	2.8	75	10.5	13.6	0.2	447	0.29	0.119	18
REP 1283199	QC	51.0	66.8	8.8	973	1.3	174.3	7.4	89	2.23	466.2	0.7	2.8	75	10.6	13.6	0.2	434	0.29	0.114	17
1288054	Soil	1.7	17.0	8.8	47	0.1	13.1	7.8	776	1.48	3.8	2.0	0.3	13	0.3	0.8	0.2	27	0.04	0.112	4
REP 1288054	QC	1.9	17.0	8.7	52	0.1	14.0	7.6	747	1.46	3.4	1.4	0.3	15	0.3	0.8	0.2	28	0.05	0.111	4
1288633	Soil	10.6	35.6	18.9	202	0.4	38.5	6.1	150	2.69	28.7	4.4	2.7	30	0.6	4.0	0.2	108	0.06	0.087	11
REP 1288633	QC	10.4	34.9	19.0	207	0.4	37.9	5.8	154	2.65	28.2	3.1	2.7	30	0.6	3.9	0.3	107	0.07	0.088	11
1287197	Soil	1.8	39.0	11.1	120	0.4	20.3	5.9	155	1.76	8.1	7.6	0.9	62	1.0	0.8	0.2	34	0.77	0.059	5
REP 1287197	QC	1.7	38.7	11.1	123	0.4	20.2	6.1	158	1.78	7.9	7.5	0.9	63	0.9	0.9	0.2	37	0.75	0.063	5
1287942	Soil	77.9	36.8	8.4	4266	0.5	457.2	23.6	262	7.88	74.1	0.8	3.0	23	27.7	13.8	0.1	101	0.61	0.046	13
REP 1287942	QC	76.5	37.0	8.3	4365	0.5	467.5	23.5	263	7.78	73.7	1.0	3.0	23	27.0	14.6	0.1	91	0.63	0.045	13
1287486	Soil	15.8	73.7	24.9	143	1.1	26.4	2.8	77	2.22	152.7	10.2	3.2	55	1.8	15.5	0.3	62	0.06	0.070	20
REP 1287486	QC	15.8	73.3	24.6	143	1.1	28.1	2.9	78	2.25	153.2	9.2	2.9	55	1.8	16.4	0.3	62	0.07	0.070	20
1286228	Soil	2.9	21.4	14.2	94	0.1	23.9	6.6	304	2.62	17.3	2.0	1.5	46	0.5	2.0	0.3	51	0.76	0.065	9
REP 1286228	QC	2.6	20.7	13.9	90	0.2	24.0	6.2	294	2.54	17.0	<0.5	1.3	42	0.5	1.9	0.2	48	0.73	0.064	8
1288735	Soil	8.2	106.3	17.2	646	1.3	148.5	26.2	815	3.46	397.0	3.9	2.4	62	13.2	10.5	0.3	62	0.28	0.090	11
REP 1288735	QC	7.4	107.3	17.2	627	1.4	144.7	25.3	817	3.45	387.2	7.2	2.5	59	13.0	11.2	0.3	61	0.28	0.094	10

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 06, 2011

QUALITY CONTROL REPORT WHI11001883.1

	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																	
1286792	Soil	20	0.16	902	0.002	5	0.61	0.005	0.09	<0.1	0.88	4.1	0.6	<0.05	2	3.0	<0.2
REP 1286792	QC	21	0.16	955	0.003	7	0.64	0.005	0.10	<0.1	0.91	4.1	0.6	<0.05	2	3.2	<0.2
1284322	Soil	11	0.13	752	0.004	2	0.73	0.018	0.06	<0.1	0.31	1.8	0.2	0.06	2	2.3	<0.2
REP 1284322	QC	12	0.13	738	0.004	2	0.72	0.018	0.06	0.1	0.31	1.9	0.1	0.06	2	2.5	<0.2
1289223	Soil	17	0.02	394	0.003	5	0.26	0.003	0.14	0.3	0.69	1.1	0.7	0.06	<1	1.5	<0.2
REP 1289223	QC	18	0.02	402	0.004	5	0.27	0.003	0.15	0.3	0.68	1.1	0.7	0.09	<1	1.5	<0.2
1289379	Soil	17	0.21	947	0.003	5	0.84	0.007	0.08	0.1	0.32	2.7	0.2	<0.05	2	2.8	<0.2
REP 1289379	QC	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.
1286882	Soil	17	0.13	379	0.002	3	0.62	0.004	0.07	<0.1	0.16	3.0	0.1	0.05	2	2.0	<0.2
REP 1286882	QC	18	0.13	372	0.001	3	0.66	0.004	0.06	<0.1	0.17	3.1	0.1	0.10	2	2.3	<0.2
1286211	Soil	14	0.13	1899	0.007	3	0.67	0.021	0.05	<0.1	0.19	2.1	0.1	0.22	2	0.9	<0.2
REP 1286211	QC	13	0.12	1710	0.005	4	0.61	0.018	0.04	<0.1	0.18	1.7	<0.1	0.10	2	1.6	<0.2
1283199	Soil	26	0.12	617	0.002	8	1.03	0.001	0.10	0.3	0.56	2.4	1.7	<0.05	1	6.9	<0.2
REP 1283199	QC	24	0.11	619	0.002	6	0.96	<0.001	0.09	0.2	0.54	2.4	1.6	<0.05	1	7.2	<0.2
1288054	Soil	8	0.03	138	0.005	1	0.53	0.014	0.05	<0.1	0.06	0.9	<0.1	0.07	2	<0.5	<0.2
REP 1288054	QC	8	0.04	154	0.009	4	0.58	0.015	0.06	<0.1	0.05	0.9	0.1	<0.05	3	0.8	<0.2
1288633	Soil	22	0.14	508	0.007	4	1.06	0.004	0.07	0.1	0.18	2.1	0.4	<0.05	3	2.0	<0.2
REP 1288633	QC	22	0.14	502	0.003	3	1.09	0.004	0.08	0.1	0.14	1.9	0.4	<0.05	4	1.5	<0.2
1287197	Soil	26	0.27	780	0.007	6	0.85	0.012	0.07	<0.1	0.17	2.3	0.1	0.09	2	1.0	<0.2
REP 1287197	QC	26	0.27	803	0.007	4	0.89	0.013	0.07	<0.1	0.14	2.2	0.1	0.11	3	1.5	<0.2
1287942	Soil	16	0.30	354	0.001	5	0.37	0.002	0.06	0.4	0.96	3.7	3.6	0.08	<1	15.9	<0.2
REP 1287942	QC	15	0.28	348	0.001	3	0.33	0.002	0.06	0.5	0.91	3.7	3.7	0.06	<1	15.5	<0.2
1287486	Soil	9	0.04	308	<0.001	<1	0.39	0.003	0.05	0.5	0.83	2.2	0.7	<0.05	1	3.8	<0.2
REP 1287486	QC	10	0.04	309	<0.001	2	0.38	0.003	0.05	0.5	0.75	2.2	0.7	<0.05	1	4.6	<0.2
1286228	Soil	20	0.27	523	0.009	3	0.90	0.006	0.09	0.3	0.09	1.9	0.1	<0.05	4	1.6	0.2
REP 1286228	QC	19	0.26	492	0.008	2	0.82	0.006	0.09	0.3	0.04	1.9	0.1	<0.05	3	2.1	<0.2
1288735	Soil	27	0.17	987	0.002	3	1.07	0.005	0.09	4.2	2.04	3.5	0.5	<0.05	2	3.1	<0.2
REP 1288735	QC	26	0.16	957	0.001	3	0.99	0.005	0.08	4.2	2.04	3.7	0.5	<0.05	2	3.8	<0.2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 06, 2011

QUALITY CONTROL REPORT WHI11001883.1

		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
1289357	Soil	1.2	17.5	9.9	53	<0.1	12.0	3.8	220	2.34	5.8	1.8	0.6	6	0.2	0.4	0.5	38	0.03	0.076	2
REP 1289357	QC	1.3	17.0	9.7	53	<0.1	11.3	3.9	222	2.37	6.6	1.6	0.5	6	0.2	0.6	0.4	37	0.02	0.076	2
1289387	Soil	2.6	40.9	11.8	135	0.7	37.0	6.8	139	2.40	12.6	4.9	1.5	37	0.5	1.7	0.2	30	0.51	0.079	4
REP 1289387	QC	2.5	41.9	12.5	140	0.7	37.8	6.8	137	2.45	12.8	5.5	1.5	37	0.6	1.6	0.2	30	0.54	0.080	5
1289397	Soil	18.5	24.0	9.9	296	0.4	40.6	3.6	124	1.17	27.1	1.1	0.7	16	4.1	5.1	0.2	424	0.16	0.037	14
REP 1289397	QC	18.0	23.7	9.9	291	0.5	39.3	3.6	122	1.18	27.1	0.7	0.7	16	3.8	5.1	0.2	421	0.17	0.038	13
1286241	Soil	1.7	41.7	22.7	80	0.9	21.6	4.5	176	3.17	30.4	5.4	2.2	80	0.2	0.9	0.3	28	0.28	0.074	3
REP 1286241	QC	1.6	41.5	23.0	79	0.9	23.5	4.6	176	3.16	30.3	6.6	2.3	80	<0.1	1.0	0.3	28	0.25	0.075	3
Reference Materials																					
STD DS8	Standard	13.3	105.8	127.1	305	1.9	35.9	7.3	598	2.47	26.4	109.0	6.8	69	2.3	5.7	6.7	41	0.64	0.076	15
STD DS8	Standard	13.1	107.6	135.8	300	1.8	35.0	6.9	595	2.35	25.0	113.9	7.8	66	2.4	4.6	5.1	39	0.69	0.074	16
STD DS8	Standard	12.8	107.5	121.1	290	1.7	35.9	7.2	583	2.32	25.2	101.1	6.9	61	2.1	5.1	5.8	41	0.65	0.074	15
STD DS8	Standard	12.4	102.9	120.6	294	1.7	36.0	7.3	594	2.39	24.7	140.8	6.2	78	2.0	5.7	6.4	42	0.67	0.073	14
STD DS8	Standard	13.4	108.4	128.7	303	1.8	37.6	7.2	601	2.37	26.1	116.2	6.8	69	2.5	5.7	6.4	42	0.66	0.073	15
STD DS8	Standard	13.4	102.2	120.0	290	1.6	35.1	7.1	567	2.31	25.2	119.1	6.7	72	2.2	5.7	5.9	39	0.65	0.073	17
STD DS8	Standard	13.6	102.2	124.5	303	1.6	37.3	7.5	602	2.37	25.6	107.8	7.1	73	2.3	5.7	5.8	43	0.70	0.078	17
STD DS8	Standard	12.5	106.8	126.2	295	1.7	36.1	7.5	566	2.29	25.7	114.7	6.5	71	2.2	5.2	6.2	39	0.65	0.076	15
STD DS8	Standard	11.7	104.2	118.0	296	1.8	36.8	7.1	599	2.36	25.0	117.2	6.3	61	2.2	5.2	5.9	42	0.62	0.075	15
STD DS8	Standard	13.8	119.3	130.7	318	1.7	42.1	8.2	640	2.57	26.7	122.7	7.5	66	2.4	5.8	6.5	45	0.71	0.080	16
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

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 06, 2011

QUALITY CONTROL REPORT WHI11001883.1

		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
1289357	Soil	15	0.16	74	0.005	3	1.05	0.010	0.03	<0.1	0.03	1.0	<0.1	<0.05	4	<0.5	<0.2
REP 1289357	QC	15	0.16	74	0.006	3	1.05	0.012	0.04	<0.1	0.02	1.1	<0.1	<0.05	5	0.6	<0.2
1289387	Soil	17	0.13	416	0.002	2	0.67	0.004	0.06	<0.1	0.28	2.7	<0.1	<0.05	2	2.4	<0.2
REP 1289387	QC	17	0.13	407	0.005	2	0.68	0.004	0.05	<0.1	0.26	2.7	<0.1	0.07	2	3.0	<0.2
1289397	Soil	24	0.10	389	0.003	2	0.78	0.007	0.07	0.2	0.14	0.6	0.7	<0.05	3	3.4	<0.2
REP 1289397	QC	24	0.10	389	0.004	2	0.77	0.006	0.06	0.2	0.14	0.8	0.7	<0.05	3	2.4	<0.2
1286241	Soil	25	0.24	538	0.003	6	0.90	0.009	0.11	<0.1	0.20	3.3	0.1	0.10	3	2.0	0.2
REP 1286241	QC	26	0.23	548	0.002	2	0.91	0.010	0.11	<0.1	0.19	3.1	0.2	0.09	3	2.6	<0.2
Reference Materials																	
STD DS8	Standard	111	0.62	276	0.108	3	0.92	0.089	0.41	3.0	0.18	2.2	5.4	0.14	5	6.2	4.8
STD DS8	Standard	109	0.60	287	0.118	2	0.97	0.107	0.43	3.0	0.20	3.1	5.4	0.14	5	5.0	5.2
STD DS8	Standard	113	0.58	264	0.110	2	0.91	0.089	0.37	2.9	0.17	2.2	5.2	0.18	5	4.7	4.9
STD DS8	Standard	117	0.59	274	0.125	2	0.92	0.103	0.42	2.8	0.19	2.6	5.1	0.14	5	6.0	5.0
STD DS8	Standard	114	0.57	275	0.122	2	0.87	0.102	0.41	3.0	0.19	2.0	5.4	0.13	5	5.2	5.0
STD DS8	Standard	107	0.60	286	0.118	4	0.95	0.103	0.40	3.1	0.17	1.9	5.2	0.13	5	4.9	4.8
STD DS8	Standard	112	0.60	279	0.125	3	0.97	0.114	0.40	2.8	0.17	2.2	5.2	0.17	5	4.7	4.4
STD DS8	Standard	111	0.57	264	0.116	3	0.91	0.107	0.42	2.8	0.19	2.2	5.4	0.15	5	4.7	4.9
STD DS8	Standard	109	0.56	261	0.105	2	0.84	0.081	0.39	3.0	0.18	2.0	5.3	0.05	4	4.8	5.0
STD DS8	Standard	123	0.63	271	0.118	2	0.92	0.094	0.37	3.1	0.20	2.1	5.3	0.17	5	5.2	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

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 06, 2011

QUALITY CONTROL REPORT WHI11001883.1

		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

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 06, 2011

QUALITY CONTROL REPORT WHI11001883.1

		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

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.

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

www.acmelab.com

Client: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Submitted By: Linda Dandy
Receiving Lab: Canada-Whitehorse
Received: September 21, 2011
Report Date: December 02, 2011
Page: 1 of 9

CERTIFICATE OF ANALYSIS WHI11001857.1

CLIENT JOB INFORMATION

Project: Oro Property
Shipment ID: #29
P.O. Number
Number of Samples:

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT-SOIL Store Soil Reject - RJSV Charges Apply

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
S230	212	Sieve soil to 230 mesh			VAN
RJSV	212	Saving all or part of Soil Reject			VAN
1DX2	212	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Colorado Resources Ltd.
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6
Canada

CC: Dugald Dunlop
Adam Travis

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 02, 2011

CERTIFICATE OF ANALYSIS WHI11001857.1

		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
1279111	Soil		11.7	65.9	15.2	182	0.9	37.6	4.9	98	1.95	34.6	4.9	1.8	64	3.2	7.7	0.2	116	0.14	0.143	7
1279112	Soil		10.8	52.4	15.1	169	0.8	34.8	4.4	98	1.83	33.4	5.5	1.7	60	2.0	6.5	0.2	118	0.14	0.142	7
1279113	Soil		10.6	53.3	13.5	207	0.8	43.7	4.3	78	1.73	29.1	4.6	1.5	68	3.3	6.7	0.2	113	0.19	0.128	6
1279114	Soil		8.5	34.4	13.0	99	0.8	21.1	2.7	52	1.57	24.5	4.9	0.8	43	1.2	5.0	0.2	93	0.10	0.104	7
1279115	Soil		16.0	65.9	19.0	333	1.0	65.1	6.9	153	2.60	48.8	8.9	1.6	88	3.7	10.6	0.2	157	0.30	0.200	7
1279116	Soil		11.3	41.5	16.3	152	0.7	31.8	4.1	93	1.81	33.3	7.1	0.9	53	1.1	6.2	0.2	103	0.13	0.120	8
1279117	Soil		16.5	62.0	17.3	337	1.0	70.5	6.5	138	2.25	40.1	6.8	2.1	92	3.4	9.4	0.2	165	0.36	0.190	7
1279118	Soil		15.4	63.8	18.4	343	1.1	69.2	5.6	119	2.40	43.6	9.2	1.5	85	3.4	10.0	0.2	162	0.35	0.177	7
1279119	Soil		15.8	68.6	18.5	333	0.9	62.4	5.5	116	2.59	48.6	8.3	2.0	77	3.1	10.7	0.2	162	0.31	0.177	7
1279120	Soil		21.1	80.1	19.8	535	1.7	109.1	5.7	134	3.62	55.9	14.0	2.3	91	4.7	13.8	0.2	175	0.42	0.214	7
1281911	Soil		2.3	19.9	9.9	67	0.3	16.6	3.9	77	1.98	10.2	1.2	0.3	10	0.1	0.9	0.2	44	0.06	0.075	7
1281912	Soil		1.8	13.2	5.6	43	0.2	9.7	2.5	320	0.93	5.6	1.0	0.1	8	0.1	0.6	0.1	29	0.05	0.101	4
1281913	Soil		1.4	19.8	7.3	36	0.3	9.0	2.0	37	0.97	6.6	3.0	0.1	8	<0.1	0.7	0.1	23	0.03	0.045	4
1281914	Soil		2.5	18.2	5.7	59	0.1	13.4	3.3	65	1.21	6.9	0.6	0.2	8	0.1	1.0	0.1	49	0.07	0.069	9
1281915	Soil		2.0	25.9	10.3	91	0.4	26.1	5.6	132	2.17	10.5	2.5	0.5	15	0.2	0.7	0.1	29	0.04	0.069	4
1281916	Soil		2.6	33.8	18.7	133	0.8	39.8	8.9	174	2.93	17.9	2.5	1.6	24	0.4	1.2	0.2	30	0.04	0.072	5
1281917	Soil		3.2	73.2	8.0	118	0.8	33.8	3.7	32	2.94	13.2	2.4	2.0	49	0.2	0.7	0.1	30	0.09	0.038	2
1281918	Soil		3.5	51.1	17.1	191	1.2	67.4	12.0	140	3.81	12.5	4.9	0.5	25	0.3	1.5	0.2	39	0.06	0.148	3
1281919	Soil		13.5	27.3	12.8	210	0.5	63.5	7.8	89	2.36	24.4	3.7	0.6	12	0.4	3.2	0.2	35	0.06	0.136	13
1281920	Soil		28.5	48.1	20.1	190	0.8	105.1	61.3	1326	4.47	90.5	2.5	0.9	32	1.6	3.8	0.2	182	0.15	0.991	11
1281931	Soil		84.8	60.9	11.4	290	0.2	178.9	8.5	148	1.85	21.9	2.3	2.0	50	2.4	4.5	<0.1	62	4.40	0.062	4
1281932	Soil		87.1	73.3	13.9	446	0.3	198.4	9.0	235	2.10	22.9	2.4	0.9	57	3.4	4.1	0.1	73	3.30	0.067	5
1281933	Soil		95.5	59.2	10.3	551	0.2	176.3	8.3	91	2.18	23.9	1.1	0.3	9	1.3	6.2	0.1	82	0.13	0.060	5
1281934	Soil		139.3	188.5	25.4	2510	2.5	339.3	16.1	221	2.85	101.6	<0.5	0.9	215	17.7	43.7	0.2	653	8.45	0.095	6
1281935	Soil		24.8	48.6	8.5	1245	0.9	128.6	3.0	61	0.99	14.3	1.6	0.5	56	7.8	5.7	<0.1	122	1.43	0.114	6
1281936	Soil		35.8	13.8	5.0	72	<0.1	32.1	2.4	19	0.64	11.4	<0.5	0.1	3	0.1	1.5	<0.1	89	0.02	0.045	8
1281937	Soil		19.4	126.4	163.1	17	5.5	4.8	0.4	11	3.14	130.5	3.6	1.1	111	<0.1	8.8	0.3	176	0.02	0.097	4
1281938	Soil		4.9	17.8	45.5	17	1.9	5.4	1.0	42	0.78	29.9	1.2	<0.1	34	<0.1	2.1	0.1	35	0.03	0.060	2
1281939	Soil		5.1	25.3	45.6	13	1.5	5.2	0.8	15	1.41	36.8	3.0	0.9	30	<0.1	3.4	0.2	40	0.01	0.032	3
1281940	Soil		4.1	20.9	33.4	17	1.6	5.0	1.0	56	0.94	26.3	2.7	0.2	24	<0.1	2.4	0.2	37	0.02	0.046	3

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 02, 2011

CERTIFICATE OF ANALYSIS WHI11001857.1

	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
1279111	Soil	22	0.04	1343	0.002	4	0.48	0.003	0.09	0.1	1.43	3.6	0.5	<0.05	1	2.1	<0.2
1279112	Soil	21	0.04	1435	0.002	5	0.49	0.002	0.09	0.1	1.03	3.0	0.5	<0.05	1	2.4	<0.2
1279113	Soil	21	0.04	1985	0.002	4	0.44	0.003	0.09	0.1	1.14	2.9	0.5	<0.05	1	1.4	<0.2
1279114	Soil	19	0.05	1400	0.003	2	0.54	0.003	0.07	0.1	0.71	1.6	0.4	<0.05	2	1.5	<0.2
1279115	Soil	26	0.06	2181	0.002	4	0.54	0.003	0.11	0.2	2.03	3.4	0.7	<0.05	2	2.5	<0.2
1279116	Soil	19	0.05	1724	0.003	4	0.53	0.005	0.08	0.2	0.94	2.0	0.5	0.05	2	2.2	<0.2
1279117	Soil	30	0.07	2278	0.003	6	0.58	0.003	0.14	0.1	1.80	3.8	0.7	0.07	2	3.4	<0.2
1279118	Soil	26	0.06	2074	0.002	6	0.55	0.004	0.12	0.1	1.87	3.4	0.7	0.09	2	3.1	<0.2
1279119	Soil	28	0.06	2155	0.003	6	0.58	0.003	0.11	0.1	1.92	4.0	0.6	0.07	2	3.4	0.2
1279120	Soil	30	0.08	1660	0.003	5	0.55	0.003	0.11	0.2	2.16	5.0	0.8	0.06	2	4.9	0.2
1281911	Soil	18	0.10	155	0.005	2	0.93	0.008	0.06	0.1	0.07	0.8	0.1	<0.05	4	1.0	<0.2
1281912	Soil	10	0.03	102	0.006	2	0.41	0.013	0.06	<0.1	0.09	0.3	<0.1	0.09	2	<0.5	<0.2
1281913	Soil	10	0.04	98	0.004	2	0.45	0.012	0.04	<0.1	0.04	0.7	<0.1	0.07	2	0.7	<0.2
1281914	Soil	13	0.04	166	0.004	3	0.56	0.009	0.07	0.1	0.04	0.6	0.1	0.08	3	0.7	<0.2
1281915	Soil	18	0.10	182	0.004	2	0.85	0.011	0.07	<0.1	0.04	1.9	0.1	0.06	3	1.5	<0.2
1281916	Soil	22	0.15	211	0.002	2	0.93	0.004	0.08	<0.1	0.12	2.9	0.1	0.06	2	1.8	<0.2
1281917	Soil	30	0.27	579	0.001	2	1.28	0.004	0.08	<0.1	0.18	5.5	<0.1	<0.05	3	3.0	<0.2
1281918	Soil	19	0.06	345	0.002	5	0.75	0.005	0.07	<0.1	0.17	2.7	0.2	0.12	2	3.5	<0.2
1281919	Soil	8	0.04	194	0.002	5	0.49	0.006	0.09	<0.1	0.16	1.3	0.3	<0.05	2	1.2	<0.2
1281920	Soil	26	0.07	539	0.009	7	1.02	0.004	0.12	0.1	0.31	2.1	0.5	0.14	2	2.6	<0.2
1281931	Soil	16	2.31	100	0.001	5	0.21	0.005	0.06	0.2	0.30	4.6	1.6	0.08	<1	2.1	<0.2
1281932	Soil	17	0.91	121	0.002	4	0.27	0.004	0.06	0.2	0.23	4.0	1.7	0.08	<1	2.2	<0.2
1281933	Soil	18	0.05	134	0.002	2	0.32	0.003	0.05	0.2	0.09	1.8	1.2	0.07	<1	2.2	<0.2
1281934	Soil	28	2.49	189	0.002	7	0.33	0.008	0.10	0.2	0.78	3.0	2.9	0.19	<1	15.0	<0.2
1281935	Soil	16	0.28	253	0.004	4	0.41	0.020	0.05	<0.1	0.52	2.6	0.5	0.09	<1	2.3	<0.2
1281936	Soil	10	0.03	118	0.003	3	0.43	0.005	0.07	0.1	0.02	0.6	0.8	<0.05	2	0.7	<0.2
1281937	Soil	40	<0.01	547	<0.001	2	0.34	0.004	0.13	<0.1	0.85	3.7	0.5	0.24	4	19.2	0.4
1281938	Soil	11	0.02	225	0.004	1	0.34	0.019	0.05	<0.1	0.15	0.7	0.2	0.11	2	3.0	<0.2
1281939	Soil	10	0.01	166	0.002	<1	0.17	0.005	0.11	<0.1	0.11	3.5	0.3	0.22	1	6.0	<0.2
1281940	Soil	11	0.02	136	0.003	2	0.34	0.012	0.08	<0.1	0.11	1.2	0.2	0.16	2	3.6	<0.2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 02, 2011

CERTIFICATE OF ANALYSIS WHI11001857.1

		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
1281941	Soil		4.1	29.2	21.0	46	1.3	13.1	3.1	118	1.34	16.4	2.5	0.1	15	0.1	1.7	0.2	37	0.03	0.078	3
1281942	Soil		7.8	182.7	82.0	457	2.5	130.5	64.7	4420	6.76	34.0	8.1	0.9	51	2.9	5.6	0.5	63	0.20	0.164	6
1281943	Soil		139.6	58.6	173.7	511	6.1	104.6	8.9	198	3.32	49.3	5.5	2.9	70	1.1	28.9	0.4	283	0.33	0.098	12
1281944	Soil		7.8	105.3	47.4	198	1.6	53.5	18.1	553	4.18	36.5	4.4	1.6	33	0.8	4.7	0.3	55	0.05	0.089	5
1281945	Soil		49.5	50.0	11.7	403	0.4	138.9	5.5	192	1.43	25.7	1.0	2.6	215	8.6	6.2	0.1	168	12.31	0.053	9
1281946	Soil		87.7	78.0	19.6	406	0.3	237.7	11.0	491	3.02	26.2	0.5	1.8	72	3.6	6.0	0.2	135	2.79	0.086	11
1281947	Soil		128.8	103.3	16.8	1384	0.7	239.4	21.2	312	2.35	299.1	0.9	3.4	116	11.2	41.7	0.2	211	4.49	0.099	8
1281948	Soil		45.2	33.6	11.4	239	0.1	81.4	6.5	215	1.66	23.8	1.1	0.3	23	2.2	4.0	0.1	68	0.28	0.121	6
1281949	Soil		5.9	50.0	67.9	156	0.2	53.4	101.2	2933	3.67	32.7	1.7	1.2	31	0.6	1.8	0.4	34	0.27	0.159	4
1281950	Soil		1.5	18.0	5.8	45	0.2	7.5	6.1	357	1.41	4.8	<0.5	0.1	7	0.5	0.6	0.1	20	0.04	0.105	2
1286971	Soil		8.6	83.7	19.5	1046	1.2	87.5	9.3	177	2.15	55.4	2.4	2.1	30	5.8	5.3	0.6	171	0.94	0.175	8
1286972	Soil		3.9	17.3	9.6	125	0.4	20.1	2.8	76	1.57	36.7	1.6	0.4	12	1.5	2.2	0.2	105	0.15	0.083	13
1286973	Soil		3.0	33.0	12.1	491	4.9	27.2	5.5	150	1.27	35.6	1.2	0.5	20	4.7	1.6	0.6	86	0.48	0.130	6
1286974	Soil		4.6	58.1	15.5	383	0.9	46.2	9.2	185	2.08	210.3	2.4	1.9	31	6.4	2.0	0.8	158	0.87	0.125	8
1286975	Soil		6.4	49.4	14.2	284	0.5	43.7	7.4	162	2.27	62.2	2.0	3.3	17	2.6	3.4	0.4	201	0.52	0.159	14
1286976	Soil		33.9	74.1	18.4	606	0.9	103.6	11.1	263	2.06	35.3	1.1	2.1	139	8.6	7.8	0.2	191	3.74	0.136	10
1286977	Soil		17.4	63.5	15.0	364	1.1	43.3	6.5	137	1.84	48.7	1.8	0.2	7	3.4	8.6	0.5	64	0.13	0.148	7
1286978	Soil		24.2	119.8	37.7	854	1.7	70.2	8.0	204	2.84	275.4	3.9	0.4	22	6.2	9.8	0.4	169	0.65	0.340	10
1286979	Soil		5.7	40.2	8.7	166	0.5	21.3	3.0	137	1.13	32.4	1.6	0.4	16	1.5	2.4	0.2	57	0.27	0.134	5
1286980	Soil		16.5	116.5	22.7	458	1.7	59.0	9.5	160	3.12	210.6	3.8	0.9	21	1.5	7.8	0.3	118	0.50	0.241	10
1286991	Soil		1.7	27.5	4.9	49	0.7	8.6	2.4	51	0.64	8.9	0.8	0.2	16	5.0	0.6	<0.1	40	0.33	0.067	3
1286992	Soil		27.6	64.7	19.5	409	1.1	101.3	5.1	172	1.18	23.6	1.4	0.9	119	7.8	6.7	0.1	146	3.00	0.088	6
1286993	Soil		31.8	85.0	18.0	766	1.0	130.1	9.9	306	2.07	35.3	2.2	1.5	118	11.3	9.3	0.2	227	2.85	0.139	8
1286994	Soil		7.4	25.1	7.8	131	0.4	29.0	19.2	1531	1.93	9.1	1.9	0.6	110	2.9	1.4	0.1	35	1.81	0.091	4
1286995	Soil		4.8	25.7	13.4	132	0.4	25.2	7.3	178	1.72	13.3	1.7	1.5	62	1.3	1.2	0.1	54	0.71	0.078	6
1286996	Soil		5.1	21.2	5.7	95	0.4	28.8	6.7	389	1.47	7.2	1.7	0.4	54	1.6	1.1	0.1	37	0.78	0.078	4
1286997	Soil		4.4	21.0	12.1	120	<0.1	22.8	7.2	178	2.85	14.5	1.1	0.9	14	0.6	1.1	0.2	45	0.11	0.026	3
1286998	Soil		6.1	25.2	12.7	138	0.2	29.4	7.1	119	2.31	13.7	1.8	2.2	36	0.8	1.4	0.2	50	0.29	0.073	6
1286999	Soil		4.3	32.7	14.0	158	0.4	36.2	10.4	196	2.50	14.1	1.9	2.6	45	1.0	1.4	0.2	45	0.42	0.078	6
1287000	Soil		3.3	25.1	14.9	118	0.4	26.8	5.9	97	2.01	15.0	2.3	2.2	39	1.0	1.2	0.2	50	0.52	0.055	6

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 02, 2011

CERTIFICATE OF ANALYSIS WHI11001857.1

	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
1281941	Soil	11	0.03	88	0.003	2	0.38	0.014	0.06	<0.1	0.08	1.1	0.2	0.10	2	1.5	<0.2
1281942	Soil	19	0.08	283	0.002	3	0.62	0.005	0.11	<0.1	0.31	8.5	1.1	0.13	2	4.6	<0.2
1281943	Soil	16	0.04	259	0.001	4	0.37	0.004	0.19	0.2	0.64	4.3	2.9	0.23	1	14.1	0.5
1281944	Soil	14	0.04	139	0.002	1	0.41	0.005	0.09	<0.1	0.14	7.1	0.5	0.13	2	4.7	<0.2
1281945	Soil	19	5.57	161	0.002	8	0.25	0.009	0.10	0.1	0.36	3.6	2.0	0.07	<1	2.2	<0.2
1281946	Soil	19	1.04	240	0.003	4	0.37	0.003	0.09	0.2	0.60	4.9	1.7	<0.05	1	1.6	<0.2
1281947	Soil	19	2.17	734	0.002	7	0.24	0.004	0.08	0.2	2.51	3.1	2.7	0.12	<1	5.9	<0.2
1281948	Soil	11	0.05	229	0.003	2	0.40	0.008	0.04	0.2	0.10	0.8	0.7	0.05	1	1.3	<0.2
1281949	Soil	28	0.46	232	0.003	2	1.53	0.006	0.08	<0.1	0.13	2.7	0.6	0.09	4	0.8	<0.2
1281950	Soil	12	0.04	95	0.003	<1	0.55	0.013	0.04	<0.1	0.03	0.3	<0.1	0.07	3	<0.5	<0.2
1286971	Soil	34	1.75	179	0.045	2	1.86	0.012	0.24	<0.1	0.05	1.8	0.5	0.05	5	2.1	<0.2
1286972	Soil	22	0.57	119	0.013	2	1.09	0.009	0.08	0.1	0.03	0.6	0.2	<0.05	4	0.8	<0.2
1286973	Soil	20	0.91	146	0.019	1	1.54	0.016	0.12	<0.1	0.05	0.8	0.3	0.06	4	1.1	<0.2
1286974	Soil	37	1.75	136	0.038	1	2.10	0.010	0.19	0.2	0.05	2.0	0.3	0.08	6	1.5	<0.2
1286975	Soil	41	1.70	149	0.053	<1	2.08	0.005	0.20	0.2	0.04	2.4	0.4	<0.05	6	1.2	<0.2
1286976	Soil	17	0.99	1036	0.002	7	0.36	0.005	0.12	0.1	0.56	3.6	0.9	0.08	1	3.8	<0.2
1286977	Soil	9	0.09	89	0.004	<1	0.39	0.005	0.09	0.1	0.02	0.3	0.3	0.06	2	2.8	<0.2
1286978	Soil	31	1.34	206	0.014	3	1.43	0.005	0.29	0.7	0.05	0.9	0.6	0.05	4	4.4	<0.2
1286979	Soil	13	0.52	102	0.011	<1	0.84	0.013	0.10	0.1	0.02	0.5	0.2	0.07	3	1.3	<0.2
1286980	Soil	29	1.64	235	0.021	4	1.73	0.005	0.49	0.5	0.05	1.5	0.5	<0.05	5	3.2	<0.2
1286991	Soil	10	0.41	115	0.017	<1	0.81	0.022	0.06	<0.1	0.02	0.5	0.1	0.07	3	1.6	<0.2
1286992	Soil	16	0.74	701	0.002	7	0.25	0.007	0.08	0.1	0.44	2.1	0.8	0.12	1	4.8	<0.2
1286993	Soil	19	0.74	1060	0.003	7	0.36	0.006	0.09	0.1	0.51	2.9	0.9	0.10	1	4.2	<0.2
1286994	Soil	10	0.20	984	0.004	5	0.63	0.014	0.03	<0.1	0.13	1.8	0.2	0.17	1	1.9	<0.2
1286995	Soil	14	0.17	924	0.003	1	0.72	0.009	0.05	<0.1	0.14	2.6	0.1	0.07	2	1.7	<0.2
1286996	Soil	9	0.11	668	0.004	1	0.63	0.021	0.03	<0.1	0.13	2.1	0.1	0.08	2	1.4	<0.2
1286997	Soil	12	0.12	253	0.001	<1	0.45	0.006	0.05	<0.1	0.02	2.6	<0.1	<0.05	2	0.9	<0.2
1286998	Soil	17	0.21	1244	0.003	<1	0.83	0.004	0.05	<0.1	0.08	2.6	0.1	<0.05	3	0.9	<0.2
1286999	Soil	19	0.24	1502	0.002	1	0.92	0.005	0.06	<0.1	0.14	4.1	0.2	<0.05	3	1.2	<0.2
1287000	Soil	18	0.23	1052	0.002	<1	0.95	0.005	0.06	0.1	0.17	3.1	0.2	<0.05	3	2.1	<0.2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 02, 2011

CERTIFICATE OF ANALYSIS WHI11001857.1

		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
1288801	Soil		3.3	67.7	25.5	257	4.2	103.9	20.4	381	4.70	30.0	3.3	2.9	97	1.6	1.8	0.2	43	1.57	0.269	13
1288802	Soil		3.0	43.0	18.6	164	3.2	64.1	8.4	162	2.89	17.5	4.3	1.7	82	0.9	1.5	0.3	47	1.39	0.190	13
1288803	Soil		3.5	63.7	21.8	267	3.1	95.2	11.8	145	3.89	22.0	3.5	3.0	90	1.8	2.1	0.3	50	1.47	0.305	15
1288804	Soil		1.5	50.7	13.6	139	1.7	53.6	7.4	124	2.27	11.3	7.3	1.1	58	0.5	0.8	0.2	24	1.44	0.101	8
1288805	Soil		5.5	71.1	28.2	274	2.5	83.6	17.5	305	3.81	26.4	5.2	2.1	92	1.7	2.1	0.3	44	1.15	0.202	12
1288806	Soil		2.9	47.8	16.3	200	1.8	68.7	9.7	143	2.60	15.9	3.0	1.8	89	1.0	1.4	0.2	37	1.50	0.177	9
1288807	Soil		2.8	38.3	24.0	123	0.3	29.2	5.0	228	3.26	189.3	10.9	0.7	32	0.5	6.7	0.2	39	0.05	0.131	6
1288808	Soil		4.6	69.7	28.1	117	2.7	30.7	6.7	154	4.21	99.3	9.5	2.6	94	0.3	3.1	0.3	34	0.04	0.138	5
1288809	Soil		10.9	45.5	9.5	273	0.3	78.9	10.7	126	2.92	16.3	0.8	0.9	9	0.6	3.5	0.2	63	0.14	0.099	11
1288810	Soil		6.1	56.1	6.4	153	0.2	168.4	24.3	377	3.85	42.9	1.0	2.1	36	1.1	2.4	<0.1	66	1.02	0.205	44
1288811	Soil		18.2	100.1	12.3	214	0.4	388.2	74.9	1143	8.66	82.7	1.3	6.5	57	1.9	4.7	<0.1	138	1.10	0.248	62
1288812	Soil		32.6	100.7	18.8	321	0.7	351.1	57.0	685	6.53	98.7	2.7	5.7	92	2.6	8.4	0.1	157	1.57	0.206	49
1288813	Soil		49.4	118.4	17.2	733	0.8	483.7	59.8	787	7.63	227.3	7.5	7.2	108	6.1	11.4	0.2	228	1.13	0.248	58
1288814	Soil		13.4	123.2	14.8	244	0.3	480.0	88.6	1112	8.36	148.7	3.5	16.8	224	1.0	5.1	0.1	108	2.55	0.486	130
1288815	Soil		33.3	101.1	11.6	416	0.5	384.2	50.9	588	6.63	84.1	3.9	5.1	103	3.0	5.8	0.1	271	1.27	0.238	55
1288816	Soil		64.8	83.4	12.5	1011	0.8	343.9	37.6	707	4.97	49.2	2.9	3.8	58	6.9	11.7	0.2	453	0.41	0.241	48
1288817	Soil		160.0	162.7	18.3	1891	2.9	398.4	16.8	325	2.05	74.2	2.6	2.6	201	14.4	32.3	0.3	1228	6.78	0.131	21
1288818	Soil		111.4	78.7	21.7	935	1.3	133.9	4.1	88	1.60	86.3	1.9	0.5	32	12.1	35.7	0.2	1890	0.39	0.130	21
1288819	Soil		139.4	160.8	22.1	2389	2.3	307.8	7.3	157	1.97	89.9	1.9	1.4	86	31.4	37.8	0.3	1389	1.90	0.156	28
1288820	Soil		143.8	83.4	22.7	1163	0.7	180.6	5.3	50	2.05	99.4	1.3	0.7	28	10.5	41.4	0.3	1539	0.40	0.113	30
1288821	Soil		76.9	86.5	9.2	942	0.8	184.7	6.4	109	1.35	39.8	1.2	1.1	70	8.6	12.0	0.1	289	4.56	0.101	12
1288822	Soil		46.1	24.2	7.2	374	0.3	76.2	4.7	66	1.23	20.0	0.8	0.2	8	2.1	5.9	0.1	111	0.17	0.087	5
1288823	Soil		19.5	21.7	5.0	193	0.2	45.2	4.2	64	1.09	12.1	<0.5	0.2	5	0.6	3.0	0.1	64	0.05	0.088	4
1288824	Soil		113.5	86.2	14.9	935	0.5	266.0	12.5	236	2.88	46.4	2.0	1.3	68	6.0	11.1	0.2	203	1.89	0.127	13
1288825	Soil		4.5	44.6	19.0	94	1.2	45.6	11.4	322	3.57	11.8	3.3	0.7	21	0.4	1.5	0.2	21	0.13	0.135	9
1288826	Soil		8.6	53.1	20.8	179	1.0	53.5	12.3	260	3.40	17.5	2.1	0.7	34	0.5	1.8	0.2	23	0.22	0.159	10
1288827	Soil		6.5	59.5	17.9	237	0.9	89.0	22.8	663	5.55	24.0	4.0	0.9	17	0.8	2.3	0.2	21	0.14	0.112	10
1288828	Soil		2.2	17.5	5.2	50	0.1	16.7	5.0	201	1.00	7.7	0.8	0.1	13	0.3	0.6	0.1	17	0.14	0.076	4
1288829	Soil		21.9	41.5	19.8	200	<0.1	88.3	20.4	265	4.93	50.5	<0.5	0.7	5	0.3	3.6	0.3	32	0.03	0.088	9
1288830	Soil		4.0	15.9	6.5	55	0.1	16.9	3.6	160	0.90	7.1	1.6	<0.1	9	<0.1	0.7	0.1	19	0.04	0.118	5

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 02, 2011

CERTIFICATE OF ANALYSIS WHI11001857.1

	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
1288801	Soil	32	0.24	697	0.003	5	0.91	0.009	0.10	<0.1	0.33	5.7	0.3	0.14	2	6.5	<0.2
1288802	Soil	30	0.12	721	0.002	8	0.78	0.007	0.12	<0.1	0.25	3.6	0.3	0.12	2	3.4	<0.2
1288803	Soil	30	0.18	592	0.004	6	0.88	0.008	0.14	<0.1	0.21	4.9	0.3	0.11	2	5.1	<0.2
1288804	Soil	19	0.19	529	<0.001	6	0.64	0.005	0.08	<0.1	0.21	3.6	0.1	0.12	1	2.8	<0.2
1288805	Soil	30	0.21	569	0.003	5	0.97	0.011	0.15	<0.1	0.41	4.1	0.3	0.18	2	3.9	<0.2
1288806	Soil	21	0.10	462	0.002	5	0.78	0.010	0.12	<0.1	0.21	3.7	0.2	0.09	2	3.7	<0.2
1288807	Soil	23	0.09	219	0.004	<1	0.77	0.005	0.08	0.2	0.57	1.7	0.1	0.10	3	1.8	<0.2
1288808	Soil	38	0.11	604	0.002	3	1.02	0.009	0.14	<0.1	0.26	4.0	0.3	0.22	3	4.9	<0.2
1288809	Soil	19	0.05	459	0.005	<1	0.50	0.005	0.05	<0.1	0.08	1.8	0.2	<0.05	2	2.1	<0.2
1288810	Soil	48	0.13	2329	0.006	4	0.93	0.015	0.06	<0.1	0.08	6.9	0.1	0.10	2	1.3	<0.2
1288811	Soil	100	0.28	2097	0.004	7	0.82	0.004	0.13	0.1	0.19	19.5	0.4	<0.05	2	1.8	<0.2
1288812	Soil	76	0.46	1431	0.003	9	0.73	0.007	0.13	0.2	0.34	14.2	1.0	0.10	2	5.2	<0.2
1288813	Soil	91	0.26	1626	0.005	12	0.95	0.008	0.15	0.1	0.40	15.4	1.1	0.13	3	4.0	<0.2
1288814	Soil	143	0.63	1568	0.008	14	1.03	0.004	0.21	0.1	0.15	22.3	0.5	0.15	3	3.3	<0.2
1288815	Soil	191	0.69	2596	0.007	13	1.58	0.005	0.17	0.2	0.27	17.0	1.0	0.12	5	2.7	<0.2
1288816	Soil	130	0.44	2522	0.011	10	1.63	0.004	0.14	0.2	0.14	8.4	2.2	0.05	5	6.7	<0.2
1288817	Soil	76	2.74	677	0.010	15	0.73	0.012	0.16	0.5	0.82	4.9	6.6	0.10	3	12.0	0.2
1288818	Soil	106	0.19	699	0.007	7	1.10	0.006	0.12	0.5	0.40	1.0	3.7	0.11	5	9.7	<0.2
1288819	Soil	83	0.87	671	0.007	9	1.07	0.007	0.19	0.6	0.38	3.4	3.1	0.08	3	8.5	0.2
1288820	Soil	79	0.25	615	0.007	11	0.96	0.004	0.22	0.5	0.24	1.2	4.6	0.08	4	10.6	<0.2
1288821	Soil	21	2.42	213	0.003	5	0.33	0.005	0.06	0.3	0.31	2.8	1.3	<0.05	<1	3.8	0.2
1288822	Soil	9	0.06	150	0.003	2	0.32	0.005	0.04	0.1	0.10	0.5	0.4	<0.05	1	2.1	<0.2
1288823	Soil	8	0.03	131	0.002	2	0.37	0.007	0.05	<0.1	0.05	0.2	0.3	<0.05	2	0.7	<0.2
1288824	Soil	17	0.87	282	0.003	4	0.30	0.003	0.07	0.3	0.51	2.9	1.4	<0.05	<1	3.3	<0.2
1288825	Soil	9	0.05	2271	0.004	2	0.70	0.008	0.06	<0.1	0.29	1.9	0.2	<0.05	1	1.1	<0.2
1288826	Soil	9	0.08	1983	0.004	2	0.80	0.008	0.07	<0.1	0.23	1.4	0.2	<0.05	1	1.8	<0.2
1288827	Soil	10	0.05	1014	0.005	2	0.59	0.010	0.06	<0.1	0.14	3.4	0.2	<0.05	2	1.1	<0.2
1288828	Soil	6	0.05	521	0.005	1	0.47	0.015	0.03	<0.1	0.07	0.6	<0.1	<0.05	2	<0.5	<0.2
1288829	Soil	8	0.03	256	0.003	2	0.44	0.003	0.09	<0.1	0.04	1.1	0.2	<0.05	2	0.7	<0.2
1288830	Soil	5	0.02	213	0.002	1	0.37	0.009	0.06	<0.1	0.05	0.2	<0.1	<0.05	1	<0.5	<0.2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 02, 2011

CERTIFICATE OF ANALYSIS WHI11001857.1

	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
1288831	Soil	5.8	32.1	14.3	102	0.3	48.1	5.5	133	1.33	23.0	2.3	0.1	29	0.3	1.9	0.1	30	0.06	0.136	4
1288832	Soil	3.9	16.4	7.2	46	0.2	19.9	2.7	55	0.74	9.5	1.0	<0.1	7	0.2	1.0	<0.1	17	0.02	0.091	2
1288833	Soil	13.8	82.1	39.6	360	1.2	64.2	10.3	439	3.12	40.6	3.3	0.3	20	1.2	4.2	0.2	57	0.16	0.259	7
1288834	Soil	5.3	17.1	14.6	49	0.2	13.9	2.3	42	0.94	9.3	1.4	<0.1	14	<0.1	0.9	0.2	42	0.03	0.137	6
1288835	Soil	4.2	13.8	13.0	22	0.3	6.0	1.1	48	0.62	6.4	<0.5	<0.1	13	<0.1	0.6	0.1	31	0.06	0.181	5
1288836	Soil	12.8	25.5	38.9	21	1.2	6.5	1.0	34	0.96	10.4	<0.5	0.4	30	0.2	1.4	0.3	54	0.04	0.244	13
1288837	Soil	11.8	40.3	53.7	179	0.5	42.4	4.4	72	1.84	17.7	<0.5	0.1	39	0.3	1.5	0.5	54	0.02	0.138	10
1288838	Soil	9.1	36.3	21.2	185	0.2	53.8	8.7	166	2.40	22.2	0.6	<0.1	11	0.3	2.3	0.2	53	0.01	0.180	5
1288839	Soil	9.1	37.5	21.7	219	0.2	66.2	10.7	109	2.76	24.8	1.9	<0.1	12	0.2	2.5	0.3	48	0.01	0.139	7
1288840	Soil	13.7	40.3	31.8	193	0.7	56.1	8.3	76	2.59	25.7	2.8	0.2	51	0.3	2.8	0.4	87	0.02	0.147	10
1288841	Soil	7.9	103.0	37.0	203	0.3	71.5	18.8	259	6.57	22.6	7.2	0.9	27	0.5	3.1	0.4	33	0.14	0.103	3
1288842	Soil	9.5	78.6	27.1	327	0.9	66.2	18.7	617	4.53	23.8	7.8	1.3	21	1.4	4.2	0.3	50	0.08	0.103	6
1288843	Soil	50.8	141.9	18.2	1012	2.7	192.9	12.3	271	3.17	44.7	2.4	1.3	83	11.0	16.6	0.2	255	1.40	0.146	15
1288844	Soil	24.2	101.3	30.0	388	0.6	120.3	16.2	688	4.54	30.7	3.7	0.7	35	2.8	5.9	0.4	66	0.26	0.088	7
1288845	Soil	11.6	105.6	46.3	267	0.9	78.8	15.2	869	4.57	28.5	5.1	0.6	139	1.1	4.1	0.5	47	0.21	0.255	10
1288846	Soil	8.4	19.2	6.9	75	0.4	15.0	1.9	30	0.76	10.3	0.6	0.1	8	0.2	2.3	0.1	93	0.01	0.029	10
1288847	Soil	7.3	21.0	12.4	76	0.7	14.4	2.2	37	1.14	15.1	3.0	<0.1	14	0.3	2.2	0.2	100	0.02	0.063	9
1288848	Soil	24.5	105.1	24.2	438	3.0	79.0	13.3	393	3.62	58.5	8.9	0.8	91	5.0	13.1	0.3	217	0.18	0.279	9
1288849	Soil	22.5	129.4	21.8	801	2.9	147.0	11.9	229	3.42	52.3	8.5	1.6	119	8.6	13.2	0.2	218	0.49	0.223	9
1288850	Soil	27.5	150.5	24.8	916	3.9	163.7	13.9	423	3.99	62.1	11.3	1.0	122	13.0	16.5	0.3	253	0.54	0.291	10
1288851	Soil	13.7	61.4	39.0	923	0.2	61.1	9.2	107	4.10	33.7	1.9	0.4	12	1.4	4.1	0.2	61	0.32	0.266	11
1288852	Soil	26.6	73.8	24.5	454	0.4	111.4	11.3	120	3.69	44.7	3.6	0.8	13	1.3	5.8	0.3	83	0.03	0.129	11
1288853	Soil	7.4	11.5	11.7	61	<0.1	16.9	2.5	39	0.84	11.2	<0.5	0.1	6	0.2	1.0	0.2	51	0.02	0.054	8
1288854	Soil	8.3	18.3	8.9	85	0.2	20.8	4.2	41	0.98	11.7	<0.5	0.2	5	0.2	1.0	0.2	54	0.02	0.048	11
1288855	Soil	6.0	26.0	21.6	146	0.3	40.3	5.8	53	1.49	55.0	1.4	0.1	12	0.1	1.6	0.2	33	0.02	0.081	8
1288856	Soil	15.1	64.2	20.5	218	0.7	77.6	9.2	89	2.67	26.5	3.7	1.2	48	0.5	3.2	0.3	53	0.46	0.370	15
1288857	Soil	8.8	37.3	21.2	142	0.4	58.3	12.2	251	2.33	24.6	3.5	0.2	46	0.4	2.4	0.3	32	0.24	0.157	13
1288858	Soil	10.7	34.7	24.8	158	0.7	47.3	8.1	215	2.41	48.5	7.6	0.2	29	0.4	2.9	0.3	51	0.06	0.172	10
1288859	Soil	7.5	52.0	19.9	171	0.8	60.8	8.5	126	2.43	16.2	1.9	0.8	52	0.5	2.2	0.3	40	0.21	0.190	13
1288860	Soil	4.6	34.7	15.4	106	0.6	36.7	7.9	204	2.03	16.4	3.1	0.9	32	0.2	1.7	0.3	24	0.25	0.147	9

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 02, 2011

CERTIFICATE OF ANALYSIS WHI11001857.1

	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
1288831	Soil	8	0.02	191	0.003	1	0.35	0.011	0.04	<0.1	0.05	0.4	<0.1	<0.05	1	0.7	<0.2
1288832	Soil	5	0.01	68	0.001	1	0.31	0.010	0.03	<0.1	0.04	0.4	<0.1	<0.05	1	<0.5	<0.2
1288833	Soil	12	0.03	335	0.003	2	0.35	0.003	0.07	0.1	0.25	1.0	0.3	<0.05	1	2.4	<0.2
1288834	Soil	10	0.02	93	0.003	<1	0.52	0.009	0.04	<0.1	0.04	0.2	0.2	<0.05	2	0.6	<0.2
1288835	Soil	9	0.03	136	0.003	<1	0.35	0.014	0.04	0.1	0.04	0.4	0.1	0.05	2	0.9	<0.2
1288836	Soil	11	0.02	186	0.006	1	0.54	0.011	0.07	0.2	0.06	0.4	0.3	0.12	2	1.8	<0.2
1288837	Soil	12	0.02	269	0.002	3	0.36	0.004	0.10	<0.1	0.05	0.3	0.2	0.08	2	2.5	0.3
1288838	Soil	11	0.02	122	0.002	2	0.45	0.003	0.06	<0.1	0.03	0.3	0.2	<0.05	2	1.4	<0.2
1288839	Soil	8	0.02	141	0.001	2	0.38	0.003	0.06	<0.1	0.06	0.5	0.2	<0.05	2	1.9	<0.2
1288840	Soil	13	0.02	193	0.003	3	0.36	0.002	0.09	<0.1	0.04	0.5	0.3	0.08	2	1.8	<0.2
1288841	Soil	12	0.05	791	0.002	3	0.38	0.003	0.08	<0.1	0.21	4.6	0.2	<0.05	1	2.1	<0.2
1288842	Soil	14	0.05	875	0.002	2	0.54	0.003	0.08	<0.1	0.21	3.9	0.3	<0.05	2	1.8	<0.2
1288843	Soil	27	0.46	1512	0.002	4	0.33	0.003	0.08	0.2	1.27	3.8	0.7	0.05	1	6.0	<0.2
1288844	Soil	11	0.03	2193	0.001	3	0.39	0.003	0.07	<0.1	0.82	3.6	0.3	<0.05	<1	2.2	0.3
1288845	Soil	13	0.03	1780	0.003	3	0.66	0.004	0.10	<0.1	0.49	3.6	0.2	0.13	2	2.6	0.3
1288846	Soil	11	0.01	187	0.004	2	0.25	0.003	0.03	0.1	0.06	0.5	0.2	<0.05	2	1.4	<0.2
1288847	Soil	15	0.03	234	0.005	<1	0.62	0.005	0.03	0.1	0.09	0.5	0.3	<0.05	4	1.5	<0.2
1288848	Soil	32	0.03	1042	0.003	3	0.44	0.003	0.08	0.2	0.96	2.6	0.9	0.11	2	8.1	0.3
1288849	Soil	31	0.07	1766	0.003	4	0.43	0.003	0.10	0.2	1.36	4.0	0.8	0.08	2	7.0	0.2
1288850	Soil	32	0.06	2241	0.003	4	0.44	0.003	0.10	0.2	2.17	3.8	1.1	0.09	2	9.3	0.3
1288851	Soil	13	0.04	175	0.004	3	0.43	0.003	0.06	0.1	0.27	1.9	0.3	<0.05	3	11.0	<0.2
1288852	Soil	12	0.02	226	0.001	2	0.35	0.002	0.05	0.2	0.11	2.0	0.3	<0.05	1	3.6	0.3
1288853	Soil	8	0.03	74	0.004	2	0.40	0.005	0.04	<0.1	0.03	0.4	0.2	<0.05	3	<0.5	<0.2
1288854	Soil	8	0.02	81	0.003	1	0.39	0.003	0.05	0.1	0.02	0.4	0.1	<0.05	3	<0.5	<0.2
1288855	Soil	6	0.01	85	0.003	2	0.26	0.008	0.06	<0.1	0.03	0.7	0.1	<0.05	2	1.3	<0.2
1288856	Soil	13	0.02	443	0.004	5	0.48	0.003	0.13	<0.1	0.33	2.4	0.2	<0.05	1	2.0	<0.2
1288857	Soil	8	0.05	429	0.002	2	0.32	0.004	0.07	<0.1	0.11	0.7	0.2	<0.05	1	1.3	<0.2
1288858	Soil	10	0.03	282	0.002	2	0.33	0.005	0.06	<0.1	0.12	0.6	0.2	<0.05	1	1.5	<0.2
1288859	Soil	16	0.04	548	0.002	4	0.35	0.004	0.08	<0.1	0.19	1.5	0.1	<0.05	1	2.0	<0.2
1288860	Soil	7	0.03	694	0.003	3	0.36	0.010	0.08	<0.1	0.18	1.5	0.1	<0.05	1	1.4	<0.2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 02, 2011

CERTIFICATE OF ANALYSIS WHI11001857.1

		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
1288421	Soil		9.3	114.7	31.7	304	0.6	64.6	10.7	235	3.75	24.1	3.4	0.9	16	0.5	3.6	0.3	57	0.04	0.171	9
1288422	Soil		9.8	50.7	23.4	295	0.9	62.3	11.2	349	3.06	27.7	3.9	2.6	39	1.1	4.1	0.3	58	0.69	0.142	12
1288423	Soil		1.6	9.8	6.5	40	<0.1	9.7	4.4	99	1.10	5.3	<0.5	0.3	3	<0.1	0.6	0.2	15	0.01	0.025	5
1288424	Soil		3.8	16.6	21.9	79	0.1	18.6	6.3	225	2.36	13.3	0.6	0.7	9	<0.1	1.8	0.4	33	0.02	0.049	8
1288425	Soil		2.9	14.6	15.4	61	<0.1	19.4	10.4	150	2.40	23.1	<0.5	0.5	4	0.1	1.9	0.4	23	<0.01	0.037	6
1288426	Soil		5.0	23.4	10.8	140	<0.1	22.6	7.4	90	2.35	22.3	<0.5	0.4	3	0.2	2.5	0.3	24	0.01	0.042	4
1288427	Soil		3.1	12.0	9.9	59	0.2	12.0	2.7	53	1.04	8.5	1.6	0.1	7	0.4	1.1	0.2	19	0.03	0.057	5
1288428	Soil		10.4	64.7	30.9	385	0.7	60.1	11.0	360	3.02	32.4	4.0	1.4	30	2.5	4.7	0.3	48	0.53	0.198	11
1288429	Soil		5.7	27.1	17.7	186	0.5	28.0	5.3	257	2.96	19.7	1.3	0.7	17	0.7	2.5	0.2	58	0.08	0.254	7
1288430	Soil		8.7	141.8	37.5	267	1.1	101.0	20.1	598	6.19	41.3	4.2	2.4	45	1.1	7.3	0.4	41	0.27	0.276	8
1288431	Soil		2.8	25.3	12.9	50	0.3	8.8	1.5	43	0.98	8.3	1.4	0.2	11	0.7	1.0	0.2	28	0.07	0.063	9
1288432	Soil		3.5	10.5	12.2	54	0.2	11.0	2.5	48	1.00	9.3	0.7	0.3	10	0.1	1.1	0.2	33	0.02	0.054	7
1288433	Soil		7.0	36.2	19.0	142	0.4	43.5	7.5	110	2.40	17.6	1.3	0.3	21	0.4	2.7	0.3	37	0.04	0.103	11
1288434	Soil		1.7	6.9	9.1	29	0.1	6.4	2.0	79	0.71	5.4	0.7	0.2	11	<0.1	0.6	0.2	21	0.09	0.030	9
1288435	Soil		1.4	24.1	7.1	36	<0.1	23.0	7.1	89	2.52	9.5	1.0	0.9	3	<0.1	1.1	0.3	15	0.01	0.039	4
1288436	Soil		2.6	77.0	38.8	181	1.7	64.6	12.3	213	3.60	12.4	6.0	3.5	145	0.6	2.6	0.4	19	0.28	0.205	12
1288437	Soil		9.7	24.6	17.5	114	0.2	29.6	5.4	110	2.92	16.3	1.0	0.5	12	0.2	2.4	0.2	55	0.03	0.092	7
1288438	Soil		9.3	23.3	16.7	88	0.2	23.6	4.0	90	2.29	12.7	1.2	0.5	9	0.2	1.9	0.3	51	0.02	0.076	7
1288439	Soil		24.8	68.5	24.2	377	0.4	100.8	10.9	374	4.03	23.5	3.3	2.1	33	1.9	5.4	0.2	92	0.14	0.148	9
1288440	Soil		4.5	17.5	10.2	138	0.8	28.9	7.1	358	1.65	8.2	1.4	0.8	22	1.9	1.3	0.1	37	0.17	0.074	6
1288561	Soil		3.2	16.9	13.6	95	0.8	21.1	21.5	1101	2.09	12.4	3.5	0.6	86	1.1	0.9	0.2	36	0.38	0.100	3
1288562	Soil		2.5	21.5	12.6	124	0.8	40.8	18.2	977	1.97	11.1	2.9	0.9	217	1.8	1.4	0.2	31	1.04	0.107	4
1288563	Soil		3.7	28.6	12.9	232	0.9	44.5	22.4	1034	2.81	14.9	1.8	1.2	106	3.6	1.6	0.2	32	0.62	0.097	5
1288564	Soil		2.7	27.3	13.5	143	1.0	36.0	10.0	533	1.87	12.5	3.8	1.1	135	1.4	1.3	0.2	33	1.04	0.091	4
1288565	Soil		3.1	32.3	13.6	178	1.1	40.4	18.5	696	2.64	12.9	3.1	1.0	90	3.2	1.4	0.2	33	0.70	0.102	4
1288566	Soil		4.4	12.0	8.8	167	0.3	23.0	13.4	1356	12.96	17.6	1.7	0.8	43	2.4	1.1	<0.1	23	0.34	0.149	2
1288567	Soil		4.0	29.2	11.7	218	0.8	46.0	10.2	450	6.81	16.9	2.7	1.2	124	2.0	1.6	0.1	30	1.14	0.117	3
1288568	Soil		3.0	25.4	14.7	178	0.4	35.4	12.1	669	3.43	14.0	2.6	1.0	66	3.7	1.2	0.2	32	0.40	0.093	3
1288569	Soil		3.5	36.4	15.6	333	1.1	60.1	18.6	1140	2.90	17.6	3.0	1.4	104	4.6	1.5	0.2	35	0.86	0.096	5
1288570	Soil		32.3	71.1	20.3	634	0.8	102.9	9.9	262	2.26	34.0	1.0	2.6	118	5.8	7.3	0.2	147	3.12	0.153	9

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 02, 2011

CERTIFICATE OF ANALYSIS WHI11001857.1

	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
1288421	Soil	14	0.05	160	0.003	2	0.47	0.003	0.05	<0.1	0.12	1.9	0.3	<0.05	2	2.1	<0.2
1288422	Soil	18	0.22	633	0.003	2	0.82	0.006	0.06	0.1	0.19	3.2	0.2	<0.05	2	1.6	<0.2
1288423	Soil	3	0.01	35	0.002	1	0.21	0.005	0.03	<0.1	0.02	0.5	<0.1	<0.05	2	<0.5	<0.2
1288424	Soil	9	0.06	63	0.006	<1	0.48	0.004	0.04	0.1	0.02	0.8	0.1	<0.05	3	<0.5	<0.2
1288425	Soil	4	0.02	46	0.003	<1	0.25	0.003	0.03	<0.1	0.01	0.7	<0.1	<0.05	2	<0.5	<0.2
1288426	Soil	4	0.02	49	0.004	1	0.22	0.004	0.04	<0.1	0.02	1.1	<0.1	<0.05	2	0.7	<0.2
1288427	Soil	7	0.04	163	0.002	1	0.30	0.008	0.04	<0.1	0.07	0.3	<0.1	<0.05	1	<0.5	<0.2
1288428	Soil	18	0.12	615	0.003	2	0.46	0.004	0.07	<0.1	0.28	3.5	0.2	<0.05	1	1.7	<0.2
1288429	Soil	18	0.06	201	0.004	<1	0.73	0.004	0.04	<0.1	0.11	1.2	0.1	<0.05	3	0.9	<0.2
1288430	Soil	14	0.04	396	0.002	1	0.46	0.002	0.05	<0.1	0.30	4.7	0.3	<0.05	<1	4.2	<0.2
1288431	Soil	9	0.04	270	0.003	<1	0.57	0.004	0.04	<0.1	0.09	0.3	0.2	<0.05	3	<0.5	<0.2
1288432	Soil	7	0.03	117	0.002	<1	0.49	0.004	0.03	<0.1	0.02	0.3	0.2	<0.05	3	0.6	<0.2
1288433	Soil	8	0.02	230	0.002	2	0.35	0.003	0.06	<0.1	0.07	0.8	0.2	<0.05	2	1.2	<0.2
1288434	Soil	6	0.05	245	0.004	<1	0.37	0.005	0.05	<0.1	0.01	0.2	0.1	<0.05	2	<0.5	<0.2
1288435	Soil	4	0.02	473	0.002	1	0.29	0.002	0.06	<0.1	0.02	1.1	<0.1	<0.05	2	<0.5	<0.2
1288436	Soil	11	0.02	2965	0.002	2	1.14	0.002	0.07	<0.1	0.35	4.5	0.1	<0.05	<1	3.6	<0.2
1288437	Soil	11	0.03	1747	0.004	<1	0.53	0.003	0.04	<0.1	0.03	0.8	0.2	<0.05	3	1.0	<0.2
1288438	Soil	9	0.02	1056	0.003	1	0.57	0.003	0.04	<0.1	0.03	0.6	0.1	<0.05	3	1.0	<0.2
1288439	Soil	19	0.04	1079	0.002	2	0.54	0.002	0.05	<0.1	0.19	3.5	0.3	<0.05	1	2.2	<0.2
1288440	Soil	12	0.08	2305	0.003	1	1.08	0.012	0.05	<0.1	0.14	1.8	0.2	<0.05	3	2.0	<0.2
1288561	Soil	12	0.14	699	0.001	1	0.84	0.010	0.06	<0.1	0.14	1.4	0.1	<0.05	3	1.3	<0.2
1288562	Soil	12	0.17	986	0.001	2	0.89	0.010	0.04	<0.1	0.25	2.1	0.1	0.09	2	5.2	<0.2
1288563	Soil	12	0.13	1047	0.001	<1	0.78	0.007	0.04	<0.1	0.27	2.4	0.1	0.08	2	4.0	<0.2
1288564	Soil	13	0.19	940	0.001	2	0.88	0.009	0.04	<0.1	0.27	2.4	0.1	0.11	2	3.0	<0.2
1288565	Soil	12	0.11	990	0.001	2	0.85	0.011	0.04	<0.1	0.28	2.6	0.1	0.07	2	4.0	<0.2
1288566	Soil	8	0.05	324	0.002	1	0.40	0.005	0.02	<0.1	0.18	1.4	0.1	0.17	1	4.5	<0.2
1288567	Soil	11	0.17	786	0.002	3	0.70	0.008	0.04	<0.1	0.26	2.4	0.1	0.14	2	6.6	<0.2
1288568	Soil	11	0.11	785	0.001	2	0.79	0.006	0.04	<0.1	0.33	2.1	0.1	0.08	2	4.5	<0.2
1288569	Soil	13	0.14	1014	0.001	1	0.99	0.006	0.05	<0.1	0.27	3.0	0.1	0.07	2	4.1	<0.2
1288570	Soil	14	1.18	857	0.002	5	0.33	0.005	0.09	<0.1	0.44	3.0	0.6	0.07	<1	3.5	<0.2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 02, 2011

CERTIFICATE OF ANALYSIS WHI11001857.1

		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
1288601	Soil		103.7	99.4	14.5	3039	2.2	278.9	13.6	703	4.09	72.3	6.5	3.3	34	65.9	32.9	0.2	195	0.46	0.105	15
1288602	Soil		103.1	101.9	14.2	1947	2.0	232.9	10.5	594	2.71	69.5	5.1	3.5	50	46.5	30.5	0.2	188	1.27	0.082	12
1288603	Soil		98.4	69.4	16.5	613	1.5	139.0	4.5	114	2.12	80.3	5.6	0.8	21	5.9	26.0	0.2	392	0.08	0.080	23
1288604	Soil		166.9	178.2	15.4	995	2.1	166.5	2.8	71	1.80	136.8	3.7	2.4	46	15.1	49.2	0.2	779	0.36	0.133	24
1288605	Soil		171.0	172.4	20.8	1271	2.5	252.1	4.8	90	2.80	147.9	10.6	2.6	73	15.4	50.7	0.2	1109	0.41	0.151	24
1288606	Soil		262.4	69.4	19.2	328	5.2	59.5	3.2	55	8.05	657.1	5.7	2.5	519	5.5	121.0	0.3	1636	0.05	0.334	9
1288607	Soil		350.3	83.1	57.6	438	6.4	58.8	2.2	52	10.30	1031	21.3	4.6	622	8.0	246.9	0.4	1704	0.06	0.439	10
1288608	Soil		41.2	27.3	84.4	121	5.1	28.1	2.2	32	1.80	60.6	5.3	0.8	39	1.3	18.5	0.2	172	0.04	0.112	6
1288609	Soil		135.3	62.8	592.4	159	6.9	26.3	1.7	25	5.85	121.3	8.0	3.3	120	2.6	88.3	0.4	421	0.04	0.138	6
1288610	Soil		61.4	31.5	135.9	126	5.2	26.8	2.3	20	2.31	45.5	4.8	0.4	50	0.7	18.7	0.3	205	0.02	0.080	7
1288641	Soil		9.0	63.0	11.7	419	0.2	61.7	16.4	113	3.12	17.4	6.3	0.2	7	0.6	4.7	0.3	91	0.01	0.086	6
1288642	Soil		5.1	64.3	12.3	283	0.2	40.5	8.2	119	3.04	11.7	4.7	0.2	9	0.6	2.6	0.3	56	0.02	0.073	6
1288643	Soil		1.8	7.1	2.4	23	1.3	4.2	1.0	20	0.41	2.5	2.0	<0.1	5	<0.1	0.9	0.2	25	0.02	0.025	2
1288644	Soil		31.9	100.6	19.9	227	3.4	41.8	4.7	109	2.55	34.1	4.2	1.0	82	3.5	18.9	0.3	320	0.23	0.298	16
1288645	Soil		6.8	31.5	16.3	94	0.5	17.9	5.2	115	2.64	14.6	2.4	0.7	11	0.4	3.4	0.3	78	0.02	0.070	4
1288646	Soil		23.7	119.1	24.1	312	3.7	69.9	4.1	92	2.24	26.7	8.7	0.8	314	3.6	11.1	0.3	199	0.33	0.230	16
1288647	Soil		19.0	66.5	25.8	320	0.5	78.6	14.8	219	4.30	22.1	3.1	1.4	9	0.3	3.7	0.3	36	0.02	0.050	5
1288648	Soil		20.7	96.3	45.7	340	1.3	79.1	11.8	210	5.94	37.6	11.9	1.0	51	0.6	6.3	0.5	82	0.03	0.176	7
1288649	Soil		3.6	33.2	5.8	82	0.2	16.8	3.8	79	1.18	4.3	3.3	<0.1	8	<0.1	1.4	0.1	32	0.03	0.050	2
1288650	Soil		31.1	75.1	46.2	262	2.0	51.1	7.9	155	6.50	56.1	3.8	0.4	134	1.2	10.6	0.4	85	0.04	0.209	7
1288721	Soil		24.1	24.6	52.4	110	2.3	25.5	2.6	73	1.66	146.6	52.9	0.8	58	0.6	33.6	0.4	151	0.04	0.105	16
1288722	Soil		35.6	62.6	28.9	357	1.8	80.9	11.8	285	2.60	123.8	21.8	2.0	101	4.6	29.9	0.3	166	0.21	0.150	14
1288723	Soil		37.5	61.8	29.9	359	2.2	85.8	7.9	180	2.33	124.3	19.8	2.9	124	5.0	39.0	0.3	176	0.35	0.151	15
1288724	Soil		42.8	85.1	39.9	322	1.9	62.6	7.2	181	3.44	138.1	14.8	3.3	212	7.8	36.8	0.3	206	0.27	0.177	14
1288725	Soil		44.9	84.6	31.9	323	1.8	59.7	5.5	148	3.69	150.1	11.6	3.5	194	6.1	38.7	0.3	264	0.26	0.182	14
1288726	Soil		28.1	85.7	27.0	341	1.5	92.5	8.3	119	2.33	87.3	13.4	2.6	62	2.9	22.1	0.3	151	0.14	0.156	15
1288727	Soil		35.0	122.9	22.5	404	1.5	103.7	30.4	326	2.11	90.9	7.1	3.4	76	11.7	24.8	0.2	183	0.22	0.146	15
1288728	Soil		33.2	96.5	23.1	419	1.4	95.3	13.9	187	2.06	89.1	7.4	4.3	85	12.6	25.3	0.2	192	0.31	0.165	15
1288729	Soil		20.5	43.4	21.5	283	1.0	66.6	6.1	108	1.67	65.1	10.7	1.8	72	3.3	16.6	0.3	148	0.24	0.116	14
1288730	Soil		22.5	75.5	24.9	228	1.7	80.1	6.1	95	1.69	71.8	18.2	1.8	89	5.3	19.4	0.4	129	0.40	0.139	9

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 02, 2011

CERTIFICATE OF ANALYSIS WHI11001857.1

	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
1288601	Soil	29	0.16	2140	0.002	4	0.45	0.002	0.09	0.6	3.96	5.5	3.7	<0.05	1	6.7	<0.2
1288602	Soil	26	0.63	1700	0.002	5	0.37	0.003	0.09	0.5	3.89	4.5	3.7	<0.05	1	5.3	<0.2
1288603	Soil	25	0.04	443	0.004	2	0.46	0.002	0.08	0.7	3.90	1.6	2.1	<0.05	3	6.8	0.2
1288604	Soil	33	0.09	378	0.004	5	0.44	0.002	0.11	0.7	1.93	3.8	2.7	0.05	2	13.1	0.3
1288605	Soil	49	0.10	423	0.006	6	0.54	0.002	0.15	1.0	5.19	4.2	3.8	0.07	3	13.9	0.3
1288606	Soil	48	0.02	122	0.006	2	0.89	0.004	0.33	7.2	10.62	2.3	17.9	1.06	4	39.8	1.0
1288607	Soil	48	0.01	103	0.005	3	0.83	0.005	0.32	11.9	18.35	2.7	19.3	1.01	3	53.1	1.0
1288608	Soil	18	0.02	310	0.005	1	0.35	0.007	0.11	1.3	1.52	1.0	2.3	0.32	3	12.4	0.4
1288609	Soil	39	0.01	47	0.006	3	0.32	0.014	0.52	3.5	3.48	1.7	11.6	1.51	4	57.9	0.5
1288610	Soil	23	0.01	379	0.003	2	0.25	0.005	0.18	1.0	0.66	0.8	3.2	0.44	3	18.3	0.4
1288641	Soil	10	0.04	155	0.006	3	0.44	0.005	0.08	<0.1	0.05	0.3	0.1	0.10	3	2.8	<0.2
1288642	Soil	10	0.03	118	0.003	3	0.35	0.006	0.08	<0.1	0.09	0.3	0.1	<0.05	2	1.4	<0.2
1288643	Soil	2	0.01	99	0.002	2	0.14	0.019	0.03	<0.1	0.03	<0.1	0.2	<0.05	<1	<0.5	<0.2
1288644	Soil	54	0.04	912	0.002	5	0.56	0.005	0.14	0.2	0.37	0.7	1.4	0.16	3	19.1	0.3
1288645	Soil	14	0.04	255	0.002	2	0.62	0.005	0.08	<0.1	0.08	0.5	0.3	<0.05	3	2.7	<0.2
1288646	Soil	51	0.06	1144	0.002	4	0.67	0.009	0.14	0.1	3.07	0.8	0.5	0.22	2	10.9	0.2
1288647	Soil	7	0.02	537	<0.001	4	0.47	0.001	0.11	<0.1	0.76	1.4	0.2	<0.05	1	3.6	0.2
1288648	Soil	19	0.03	601	0.001	3	0.54	0.003	0.11	<0.1	0.28	1.1	0.3	0.09	2	5.0	0.2
1288649	Soil	6	0.02	137	0.002	2	0.25	0.012	0.05	<0.1	0.08	0.1	<0.1	<0.05	2	0.9	<0.2
1288650	Soil	16	0.02	426	0.002	6	0.32	0.009	0.21	<0.1	0.17	0.9	0.4	0.35	2	4.6	<0.2
1288721	Soil	17	0.03	294	0.004	3	0.44	0.002	0.09	1.1	15.70	0.3	1.6	0.07	3	6.9	<0.2
1288722	Soil	26	0.06	821	0.001	4	0.62	0.003	0.10	2.9	4.47	1.0	1.8	0.11	2	7.4	0.3
1288723	Soil	37	0.08	845	0.001	4	0.57	0.004	0.12	8.4	5.14	1.1	1.9	0.13	2	9.4	<0.2
1288724	Soil	30	0.05	1016	0.001	5	0.54	0.004	0.12	3.0	5.99	1.6	2.5	0.12	2	12.6	0.3
1288725	Soil	35	0.05	956	0.001	6	0.59	0.003	0.13	4.8	5.44	1.6	2.5	0.13	3	15.0	0.3
1288726	Soil	18	0.04	598	0.001	4	0.54	0.001	0.10	1.4	2.73	1.2	1.6	<0.05	2	7.0	<0.2
1288727	Soil	27	0.04	855	0.002	5	0.59	0.002	0.11	4.9	2.16	1.3	1.7	0.06	2	6.6	0.2
1288728	Soil	82	0.04	840	0.001	6	0.47	0.002	0.14	8.3	2.45	1.4	1.6	0.07	2	7.3	<0.2
1288729	Soil	27	0.09	588	0.004	4	0.59	0.004	0.10	4.7	2.19	0.9	1.1	0.07	2	5.7	<0.2
1288730	Soil	21	0.05	864	0.002	4	0.39	0.003	0.06	4.3	3.62	2.4	1.3	0.11	1	6.9	<0.2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 02, 2011

CERTIFICATE OF ANALYSIS WHI11001857.1

		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
1093744	Soil		4.1	106.9	19.8	73	0.2	505.5	82.4	985	8.02	131.6	3.0	12.7	116	0.4	2.7	0.2	125	1.61	0.513	93
1093745	Soil		9.0	114.9	18.8	68	0.2	618.4	90.2	1050	9.11	77.5	2.5	17.9	126	0.4	2.3	0.2	135	2.05	0.587	96
1093746	Soil		8.2	134.7	18.6	73	0.4	644.9	86.7	1024	8.74	432.8	3.2	11.0	134	0.4	7.0	0.2	144	1.82	0.584	106
1093747	Soil		10.4	126.4	20.8	171	0.5	729.3	92.9	1038	7.41	452.9	2.8	9.2	139	0.5	5.2	0.1	142	1.77	0.641	103
1093748	Soil		6.3	137.8	19.1	36	0.2	770.9	108.6	1012	7.38	76.3	1.7	15.0	189	0.2	2.3	0.1	156	2.55	0.793	128
1093749	Soil		5.1	100.4	14.2	50	0.2	572.5	79.9	803	7.85	155.7	1.6	17.6	224	0.2	2.3	0.1	133	4.02	0.590	98
1093750	Soil		5.6	88.5	13.7	57	0.2	544.9	84.2	820	7.34	141.2	1.6	14.8	253	0.2	2.3	<0.1	131	4.08	0.572	90
1093751	Soil		7.5	81.4	12.6	88	0.2	534.7	83.9	958	7.46	122.8	2.0	11.2	217	0.4	3.3	0.1	131	3.56	0.505	88
1093752	Soil		7.4	79.3	11.6	78	0.2	544.3	79.3	866	7.72	124.8	1.7	10.4	189	0.3	2.7	0.1	135	2.94	0.455	85
1093753	Soil		8.9	118.0	19.8	86	0.3	648.5	98.1	880	8.57	143.6	2.4	14.9	264	0.6	3.2	0.1	155	4.22	0.599	89
1093754	Soil		8.3	116.4	18.8	94	0.3	666.5	92.1	1173	9.25	173.4	1.2	16.4	199	0.7	2.8	0.1	176	2.59	0.585	108
1093755	Soil		11.6	143.0	18.4	149	0.3	715.2	96.2	976	8.09	35.7	2.5	23.4	207	1.1	2.0	0.1	200	3.43	0.733	104
1093756	Soil		13.9	144.5	20.5	253	0.4	689.1	88.3	968	7.97	21.2	2.2	23.0	197	1.2	1.8	0.1	225	2.69	0.859	113
1093757	Soil		10.9	123.4	20.5	158	0.3	587.7	89.7	974	7.40	20.0	1.5	19.9	231	1.0	1.5	0.1	202	3.73	0.724	105
1093758	Soil		10.6	105.7	16.2	137	0.3	490.3	73.3	1060	8.02	21.5	1.9	18.6	174	0.6	1.4	<0.1	186	2.37	0.623	116
1093759	Soil		12.0	127.5	21.2	232	0.4	592.5	83.9	947	7.16	32.5	2.7	25.6	185	1.2	2.0	0.1	205	2.13	0.772	123
1093760	Soil		18.2	108.3	25.9	402	0.8	824.2	99.7	1118	7.80	121.7	4.3	18.7	202	1.9	7.3	0.2	227	3.04	0.713	114
1274431	Soil		1.6	21.1	10.3	72	0.5	18.1	9.1	502	1.87	13.8	<0.5	0.3	11	0.3	0.3	0.2	20	0.10	0.136	2
1274432	Soil		34.2	58.6	23.8	731	1.9	109.6	8.8	152	2.87	97.6	12.6	2.3	72	6.7	30.5	0.3	244	0.36	0.150	13
1274433	Soil		34.9	49.4	23.8	468	1.4	76.9	7.7	133	2.47	73.8	13.0	3.7	63	3.6	18.8	0.4	203	0.36	0.136	18
1274434	Soil		21.8	32.6	19.2	512	0.9	82.8	4.4	88	1.84	51.2	11.4	2.2	47	6.7	15.6	0.2	183	0.33	0.112	14
1274435	Soil		833.6	46.1	6.6	3157	0.6	140.8	9.2	871	29.26	1819	4.4	1.0	29	42.7	381.7	<0.1	2015	0.28	0.577	3
1274436	Soil		814.8	21.3	2.8	3302	0.3	241.5	18.8	2163	28.84	592.3	2.5	0.5	21	41.6	360.9	<0.1	955	0.30	0.365	1
1274437	Soil		751.4	21.6	3.5	3659	0.4	627.8	36.8	2153	19.41	189.5	2.6	0.5	47	110.5	255.3	<0.1	198	0.97	0.260	2
1274438	Soil		396.1	17.3	7.2	3852	0.4	765.0	61.3	4661	16.84	234.4	3.8	0.9	45	66.2	121.3	0.1	339	0.67	0.258	3
1274439	Soil		382.2	19.3	8.6	5628	0.7	601.1	27.9	2488	22.03	362.3	4.7	1.2	47	52.4	185.4	<0.1	446	0.59	0.321	3
1274440	Soil		60.5	26.8	12.8	446	1.1	67.9	3.9	219	3.08	165.5	1.6	4.7	42	5.1	35.7	0.3	84	0.22	0.079	7
1289031	Soil		12.5	36.7	16.8	164	0.9	31.9	7.3	326	3.35	31.6	3.4	1.1	37	0.9	6.2	0.3	132	0.13	0.189	10
1289032	Soil		6.4	45.3	17.6	91	0.8	23.8	4.6	191	1.83	13.2	5.4	0.2	52	0.5	2.6	0.2	74	0.15	0.146	9
1289033	Soil		8.2	50.1	30.9	89	1.0	27.7	4.9	230	2.34	17.1	5.0	1.1	117	0.9	2.5	0.3	61	0.16	0.189	14

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 02, 2011

CERTIFICATE OF ANALYSIS WHI11001857.1

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
1093744	Soil	168	0.21	2856	0.005	8	1.12	0.003	0.10	0.2	1.01	19.5	0.2	0.07	3	1.4	<0.2
1093745	Soil	202	0.30	2683	0.007	7	1.06	0.003	0.10	0.2	1.06	23.9	0.2	0.08	3	1.6	<0.2
1093746	Soil	192	0.25	2430	0.005	10	1.06	0.004	0.12	0.2	4.00	21.6	0.3	0.06	3	1.4	<0.2
1093747	Soil	203	0.25	2774	0.003	17	1.38	0.003	0.20	0.1	2.83	7.1	0.4	0.08	5	1.0	<0.2
1093748	Soil	262	0.36	2610	0.003	28	1.54	0.005	0.31	0.1	1.61	10.1	0.4	0.08	6	0.8	<0.2
1093749	Soil	198	0.97	1388	0.005	19	1.10	0.004	0.25	0.1	0.57	10.7	0.3	0.10	4	0.8	<0.2
1093750	Soil	184	1.10	1226	0.003	16	1.05	0.004	0.22	0.1	0.42	9.2	0.3	0.06	4	<0.5	<0.2
1093751	Soil	170	0.86	1381	0.003	13	1.11	0.004	0.22	0.1	0.45	7.9	0.3	0.10	4	0.6	<0.2
1093752	Soil	174	0.66	1448	0.004	14	1.12	0.003	0.18	0.1	0.43	7.8	0.3	0.10	5	0.5	<0.2
1093753	Soil	190	0.81	1528	0.007	19	1.06	0.006	0.23	0.1	0.87	9.7	0.3	0.16	4	1.4	<0.2
1093754	Soil	214	0.43	1939	0.005	22	1.26	0.006	0.23	0.1	0.77	12.1	0.3	0.13	5	1.2	<0.2
1093755	Soil	254	0.36	2277	0.004	27	1.49	0.004	0.31	0.1	2.28	12.8	0.4	0.09	6	1.6	<0.2
1093756	Soil	254	0.37	2806	0.003	30	1.65	0.004	0.31	0.1	3.71	11.9	0.6	0.09	7	1.8	<0.2
1093757	Soil	246	0.56	2150	0.004	26	1.40	0.005	0.29	0.1	2.79	9.5	0.4	0.08	6	1.7	<0.2
1093758	Soil	221	0.38	2020	0.004	14	1.25	0.004	0.19	0.1	2.40	10.0	0.3	0.06	5	1.3	<0.2
1093759	Soil	262	0.19	3189	0.003	22	1.60	0.004	0.27	0.1	6.46	11.3	0.5	<0.05	7	1.6	<0.2
1093760	Soil	255	0.18	2943	0.003	21	1.32	0.004	0.25	0.2	16.46	23.1	0.7	<0.05	4	2.7	<0.2
1274431	Soil	8	0.12	197	0.003	5	0.67	0.010	0.07	<0.1	0.02	0.7	0.1	<0.05	2	0.6	<0.2
1274432	Soil	25	0.10	1061	0.002	6	0.64	0.004	0.14	2.0	3.74	3.0	1.4	0.06	2	5.4	<0.2
1274433	Soil	20	0.09	1398	0.003	8	0.59	0.003	0.16	0.9	1.28	2.5	1.5	<0.05	2	5.0	<0.2
1274434	Soil	19	0.08	1128	0.002	4	0.59	0.004	0.11	1.3	0.96	1.8	1.0	<0.05	2	4.3	<0.2
1274435	Soil	12	0.03	551	0.002	4	0.57	0.003	0.06	0.3	0.69	0.9	1.3	0.05	<1	21.6	<0.2
1274436	Soil	7	0.02	354	0.003	3	0.47	0.004	0.03	0.2	0.49	0.6	1.7	0.06	<1	26.1	<0.2
1274437	Soil	6	0.05	429	0.005	4	0.42	0.006	0.03	<0.1	0.54	0.7	2.7	0.11	<1	>100	<0.2
1274438	Soil	10	0.05	355	0.004	4	0.42	0.005	0.05	0.1	0.84	1.2	4.0	0.10	1	19.4	<0.2
1274439	Soil	13	0.06	642	0.003	7	0.56	0.006	0.09	0.3	0.97	1.2	2.8	0.11	2	9.7	<0.2
1274440	Soil	16	0.03	801	<0.001	5	0.30	0.002	0.08	0.4	2.35	3.0	0.7	0.09	3	11.5	<0.2
1289031	Soil	28	0.18	503	0.008	3	1.08	0.004	0.08	0.2	0.35	1.6	0.4	0.08	3	4.3	<0.2
1289032	Soil	15	0.04	613	0.003	4	0.45	0.006	0.10	<0.1	0.29	0.3	0.2	0.07	3	2.0	<0.2
1289033	Soil	18	0.05	963	0.004	7	0.68	0.006	0.16	<0.1	0.38	1.9	0.2	0.17	2	3.2	<0.2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 02, 2011

CERTIFICATE OF ANALYSIS WHI11001857.1

	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
1289034	Soil	4.2	20.2	13.2	49	0.3	10.3	7.1	721	1.34	8.2	2.4	0.2	13	0.2	1.2	0.2	59	0.02	0.063	12
1289035	Soil	6.7	32.0	16.6	128	0.4	28.4	10.1	484	3.03	13.9	3.6	1.2	28	0.4	2.6	0.2	65	0.08	0.071	11

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 02, 2011

CERTIFICATE OF ANALYSIS WHI11001857.1

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
1289034	Soil	12	0.04	225	0.005	2	0.54	0.004	0.07	<0.1	0.03	0.3	0.2	<0.05	3	0.9	<0.2
1289035	Soil	20	0.14	858	0.008	2	0.86	0.003	0.11	0.1	0.09	1.6	0.3	<0.05	4	1.8	<0.2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 02, 2011

QUALITY CONTROL REPORT WHI11001857.1

	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																					
1281914	Soil	2.5	18.2	5.7	59	0.1	13.4	3.3	65	1.21	6.9	0.6	0.2	8	0.1	1.0	0.1	49	0.07	0.069	9
REP 1281914	QC	2.6	18.0	5.3	55	0.1	13.0	3.3	63	1.23	6.6	1.1	0.2	9	0.1	0.9	0.1	47	0.07	0.068	8
1281940	Soil	4.1	20.9	33.4	17	1.6	5.0	1.0	56	0.94	26.3	2.7	0.2	24	<0.1	2.4	0.2	37	0.02	0.046	3
REP 1281940	QC	4.2	20.8	34.6	18	1.6	4.9	1.1	57	0.96	26.3	3.3	0.2	24	<0.1	2.3	0.2	39	0.02	0.048	3
1281950	Soil	1.5	18.0	5.8	45	0.2	7.5	6.1	357	1.41	4.8	<0.5	0.1	7	0.5	0.6	0.1	20	0.04	0.105	2
REP 1281950	QC	1.4	17.3	6.0	44	0.1	7.5	5.9	344	1.33	4.6	0.5	0.1	7	0.4	0.6	0.1	19	0.04	0.093	2
1286995	Soil	4.8	25.7	13.4	132	0.4	25.2	7.3	178	1.72	13.3	1.7	1.5	62	1.3	1.2	0.1	54	0.71	0.078	6
REP 1286995	QC	4.5	25.0	12.8	131	0.4	25.5	7.3	176	1.73	13.3	1.8	1.5	60	1.4	1.2	0.2	54	0.73	0.078	6
1288825	Soil	4.5	44.6	19.0	94	1.2	45.6	11.4	322	3.57	11.8	3.3	0.7	21	0.4	1.5	0.2	21	0.13	0.135	9
REP 1288825	QC	4.6	45.5	19.4	94	1.3	46.3	11.7	326	3.52	11.7	2.9	0.7	22	0.4	1.6	0.2	21	0.12	0.131	9
1288841	Soil	7.9	103.0	37.0	203	0.3	71.5	18.8	259	6.57	22.6	7.2	0.9	27	0.5	3.1	0.4	33	0.14	0.103	3
REP 1288841	QC	8.4	103.3	36.1	207	0.4	69.5	18.5	266	6.65	22.1	8.7	0.8	28	0.5	3.1	0.4	33	0.13	0.105	3
1288860	Soil	4.6	34.7	15.4	106	0.6	36.7	7.9	204	2.03	16.4	3.1	0.9	32	0.2	1.7	0.3	24	0.25	0.147	9
REP 1288860	QC	4.8	35.2	15.6	107	0.6	37.0	8.1	206	2.06	16.5	3.9	0.9	33	0.2	1.7	0.2	24	0.24	0.151	9
1288435	Soil	1.4	24.1	7.1	36	<0.1	23.0	7.1	89	2.52	9.5	1.0	0.9	3	<0.1	1.1	0.3	15	0.01	0.039	4
REP 1288435	QC	1.3	24.8	6.9	37	<0.1	22.5	7.2	90	2.53	9.7	1.0	0.9	3	<0.1	1.1	0.3	15	0.01	0.038	4
1288604	Soil	166.9	178.2	15.4	995	2.1	166.5	2.8	71	1.80	136.8	3.7	2.4	46	15.1	49.2	0.2	779	0.36	0.133	24
REP 1288604	QC	161.4	176.5	15.3	981	2.1	159.1	2.9	71	1.94	136.6	5.2	2.4	46	13.7	46.1	0.2	803	0.36	0.125	23
1288725	Soil	44.9	84.6	31.9	323	1.8	59.7	5.5	148	3.69	150.1	11.6	3.5	194	6.1	38.7	0.3	264	0.26	0.182	14
REP 1288725	QC	47.0	87.0	33.2	325	2.0	60.9	5.7	155	3.86	152.9	11.1	3.5	198	6.4	40.8	0.3	270	0.25	0.185	15
1093744	Soil	4.1	106.9	19.8	73	0.2	505.5	82.4	985	8.02	131.6	3.0	12.7	116	0.4	2.7	0.2	125	1.61	0.513	93
REP 1093744	QC	4.1	112.3	20.1	78	0.2	522.0	84.9	1006	7.81	133.9	2.3	14.0	117	0.5	2.6	0.1	123	1.55	0.518	95
1093754	Soil	8.3	116.4	18.8	94	0.3	666.5	92.1	1173	9.25	173.4	1.2	16.4	199	0.7	2.8	0.1	176	2.59	0.585	108
REP 1093754	QC	8.4	118.0	15.0	94	0.3	659.5	92.3	1189	9.13	172.2	1.7	17.1	189	0.5	2.9	0.1	174	2.67	0.573	105
1274434	Soil	21.8	32.6	19.2	512	0.9	82.8	4.4	88	1.84	51.2	11.4	2.2	47	6.7	15.6	0.2	183	0.33	0.112	14
REP 1274434	QC	22.9	34.0	19.7	537	1.0	85.6	4.6	93	1.91	52.3	11.3	2.3	48	7.0	16.0	0.2	205	0.34	0.121	16
Reference Materials																					
STD DS8	Standard	13.3	103.2	117.5	297	1.8	35.6	7.0	570	2.30	24.9	113.8	6.3	66	2.1	4.9	5.8	41	0.69	0.074	18

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 02, 2011

QUALITY CONTROL REPORT WHI11001857.1

	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																	
1281914	Soil	13	0.04	166	0.004	3	0.56	0.009	0.07	0.1	0.04	0.6	0.1	0.08	3	0.7	<0.2
REP 1281914	QC	12	0.04	160	0.005	2	0.50	0.008	0.07	0.1	0.05	0.5	0.1	0.07	3	<0.5	<0.2
1281940	Soil	11	0.02	136	0.003	2	0.34	0.012	0.08	<0.1	0.11	1.2	0.2	0.16	2	3.6	<0.2
REP 1281940	QC	11	0.02	135	0.003	2	0.36	0.013	0.09	<0.1	0.10	1.3	0.3	0.17	2	3.5	<0.2
1281950	Soil	12	0.04	95	0.003	<1	0.55	0.013	0.04	<0.1	0.03	0.3	<0.1	0.07	3	<0.5	<0.2
REP 1281950	QC	12	0.04	91	0.006	1	0.53	0.013	0.04	<0.1	0.04	0.3	<0.1	0.06	3	<0.5	<0.2
1286995	Soil	14	0.17	924	0.003	1	0.72	0.009	0.05	<0.1	0.14	2.6	0.1	0.07	2	1.7	<0.2
REP 1286995	QC	14	0.18	923	0.003	2	0.72	0.008	0.05	<0.1	0.14	2.6	0.2	0.07	2	2.0	<0.2
1288825	Soil	9	0.05	2271	0.004	2	0.70	0.008	0.06	<0.1	0.29	1.9	0.2	<0.05	1	1.1	<0.2
REP 1288825	QC	8	0.05	2292	0.003	2	0.69	0.007	0.05	<0.1	0.28	1.9	0.2	<0.05	1	0.7	<0.2
1288841	Soil	12	0.05	791	0.002	3	0.38	0.003	0.08	<0.1	0.21	4.6	0.2	<0.05	1	2.1	<0.2
REP 1288841	QC	12	0.05	843	0.002	3	0.39	0.003	0.08	<0.1	0.18	4.5	0.2	<0.05	2	2.4	0.2
1288860	Soil	7	0.03	694	0.003	3	0.36	0.010	0.08	<0.1	0.18	1.5	0.1	<0.05	1	1.4	<0.2
REP 1288860	QC	6	0.03	710	0.003	4	0.37	0.010	0.08	<0.1	0.19	1.7	0.1	<0.05	1	1.7	<0.2
1288435	Soil	4	0.02	473	0.002	1	0.29	0.002	0.06	<0.1	0.02	1.1	<0.1	<0.05	2	<0.5	<0.2
REP 1288435	QC	4	0.02	472	0.002	2	0.30	0.002	0.07	<0.1	0.01	1.1	<0.1	<0.05	2	<0.5	<0.2
1288604	Soil	33	0.09	378	0.004	5	0.44	0.002	0.11	0.7	1.93	3.8	2.7	0.05	2	13.1	0.3
REP 1288604	QC	32	0.08	363	0.005	6	0.44	0.001	0.11	0.7	1.92	3.8	2.8	<0.05	2	13.9	0.4
1288725	Soil	35	0.05	956	0.001	6	0.59	0.003	0.13	4.8	5.44	1.6	2.5	0.13	3	15.0	0.3
REP 1288725	QC	37	0.05	989	0.001	5	0.60	0.004	0.13	4.7	5.33	1.7	2.4	0.11	3	14.4	0.3
1093744	Soil	168	0.21	2856	0.005	8	1.12	0.003	0.10	0.2	1.01	19.5	0.2	0.07	3	1.4	<0.2
REP 1093744	QC	166	0.22	2859	0.004	6	1.07	0.003	0.09	0.3	1.11	18.9	0.2	0.06	3	1.2	<0.2
1093754	Soil	214	0.43	1939	0.005	22	1.26	0.006	0.23	0.1	0.77	12.1	0.3	0.13	5	1.2	<0.2
REP 1093754	QC	207	0.41	1799	0.004	15	1.16	0.003	0.20	0.1	0.74	12.6	0.3	0.12	5	1.4	<0.2
1274434	Soil	19	0.08	1128	0.002	4	0.59	0.004	0.11	1.3	0.96	1.8	1.0	<0.05	2	4.3	<0.2
REP 1274434	QC	21	0.09	1218	0.003	5	0.66	0.004	0.11	1.3	0.99	2.0	1.1	<0.05	2	4.6	<0.2
Reference Materials																	
STD DS8	Standard	114	0.58	278	0.112	3	0.96	0.105	0.43	2.8	0.20	3.1	5.3	0.17	5	5.2	4.5

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 02, 2011

QUALITY CONTROL REPORT WHI11001857.1

		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	13.6	110.0	119.7	294	1.7	36.8	7.5	597	2.37	25.7	106.8	6.6	66	2.3	5.4	6.6	42	0.68	0.073	15
STD DS8	Standard	12.4	115.5	120.0	311	1.9	41.1	7.7	604	2.89	27.1	110.5	5.6	56	2.4	4.4	6.3	43	0.66	0.079	12
STD DS8	Standard	12.4	117.2	118.8	323	1.9	38.5	7.7	618	2.47	27.4	111.4	5.9	58	2.6	4.4	5.9	43	0.67	0.077	14
STD DS8	Standard	13.3	108.4	124.7	299	1.7	36.6	7.5	582	2.36	25.2	118.8	6.3	81	1.6	5.4	6.5	41	0.72	0.075	17
STD DS8	Standard	13.0	95.0	123.9	293	1.8	36.1	7.2	595	2.39	24.0	115.4	6.3	58	2.0	4.6	5.7	40	0.70	0.070	15
STD DS8	Standard	11.4	101.0	122.5	299	2.0	35.0	6.8	563	2.35	26.6	111.9	6.1	66	2.2	5.5	6.6	37	0.62	0.076	13
STD DS8	Standard	13.2	109.1	124.8	303	1.6	36.1	7.3	597	2.35	26.7	111.7	7.2	71	2.2	5.7	6.6	42	0.68	0.081	17
STD DS8	Standard	12.4	107.8	125.5	289	1.7	35.2	7.3	554	2.25	25.8	102.5	6.5	68	2.3	5.4	6.5	38	0.63	0.072	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
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

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 02, 2011

QUALITY CONTROL REPORT WHI11001857.1

		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	114	0.59	272	0.123	1	0.94	0.107	0.42	2.9	0.17	2.3	5.2	0.16	5	5.3	5.2
STD DS8	Standard	120	0.62	255	0.107	3	0.92	0.080	0.41	2.9	0.22	2.7	5.6	0.19	5	4.8	5.4
STD DS8	Standard	123	0.59	257	0.113	3	0.92	0.094	0.43	3.0	0.20	2.1	5.4	0.14	5	4.9	4.6
STD DS8	Standard	115	0.60	304	0.127	4	1.02	0.090	0.47	3.1	0.19	3.7	5.3	0.19	5	4.2	4.8
STD DS8	Standard	114	0.58	262	0.102	3	0.86	0.083	0.39	2.9	0.22	1.8	5.4	0.10	5	4.9	4.6
STD DS8	Standard	104	0.57	262	0.103	2	0.85	0.103	0.41	2.8	0.22	2.0	5.3	0.12	4	4.5	4.7
STD DS8	Standard	111	0.57	282	0.115	3	0.91	0.100	0.40	2.8	0.17	0.8	5.2	0.19	5	4.5	4.7
STD DS8	Standard	106	0.58	272	0.111	2	0.91	0.112	0.37	2.7	0.21	2.2	5.3	0.10	5	5.0	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
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

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.

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

www.acmelab.com

Client: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Submitted By: Linda Dandy
Receiving Lab: Canada-Whitehorse
Received: September 22, 2011
Report Date: December 05, 2011
Page: 1 of 9

CERTIFICATE OF ANALYSIS WHI11001855.1

CLIENT JOB INFORMATION

Project: Oro Property
Shipment ID: #30
P.O. Number
Number of Samples:

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT-SOIL Store Soil Reject - RJSV Charges Apply

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
S230	240	Sieve soil to 230 mesh			VAN
RJSV	240	Saving all or part of Soil Reject			VAN
1DX2	239	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Colorado Resources Ltd.
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6
Canada

CC: Dugald Dunlop
Adam Travis

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 05, 2011

CERTIFICATE OF ANALYSIS WHI11001855.1

		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
1288371	Soil		18.3	54.2	68.2	94	2.0	32.7	3.6	28	2.59	90.0	5.1	1.0	273	0.3	8.4	0.2	102	0.07	0.142	4
1288372	Soil		9.3	36.0	66.9	47	1.3	18.5	2.7	33	1.16	69.7	4.7	0.5	101	0.4	3.6	0.2	50	0.06	0.103	3
1288373	Soil		9.0	30.0	66.6	34	1.6	13.3	1.9	16	1.00	44.4	3.9	0.7	83	0.2	3.7	0.2	42	0.05	0.070	3
1288374	Soil		5.5	64.3	27.8	132	0.9	41.4	17.6	1008	3.83	91.4	3.6	0.3	18	0.5	2.6	0.3	49	0.13	0.122	5
1288375	Soil		9.0	137.9	51.4	963	1.5	126.8	42.5	960	5.66	138.9	6.2	1.2	37	3.0	5.3	0.4	59	0.40	0.131	4
1288376	Soil		9.1	228.3	58.2	536	2.1	114.4	32.7	501	6.03	52.1	7.1	1.4	74	1.0	6.1	0.5	54	0.51	0.114	3
1288377	Soil		6.6	91.1	28.9	328	0.8	55.3	18.8	404	3.34	32.0	4.8	0.7	17	0.6	3.5	0.3	41	0.08	0.082	3
1288378	Soil		7.6	148.2	40.9	498	1.1	83.7	24.6	531	4.67	60.7	5.9	1.2	34	1.2	4.7	0.4	41	0.28	0.094	3
1288379	Soil		6.7	181.4	54.3	630	1.6	118.4	48.9	1108	5.98	38.9	7.2	1.7	32	1.8	5.1	0.4	50	0.21	0.114	4
1288380	Soil		21.9	36.2	18.8	179	0.1	43.2	6.3	80	1.81	35.5	2.0	0.7	8	0.3	4.3	0.2	105	0.02	0.042	4
1288381	Soil		15.9	26.5	12.4	119	0.3	31.0	5.2	87	1.28	33.1	2.0	0.9	8	0.2	3.2	0.2	63	0.03	0.040	6
1288382	Soil		26.2	18.0	8.5	114	<0.1	37.4	3.3	40	0.97	16.8	1.3	0.4	6	0.2	2.8	<0.1	70	0.03	0.027	5
1288383	Soil		9.2	22.0	8.6	95	0.3	22.5	3.8	64	0.97	13.6	1.2	0.2	7	0.2	1.9	0.1	39	0.06	0.046	4
1288384	Soil		17.5	33.6	13.9	165	0.4	39.1	6.7	178	1.81	23.0	2.4	0.4	12	0.4	2.5	0.2	45	0.12	0.055	5
1288385	Soil		21.6	50.1	18.4	187	0.8	53.7	9.2	308	2.11	20.4	3.9	2.0	44	1.7	3.5	0.2	69	0.49	0.099	8
1288386	Soil		27.8	63.1	22.4	378	0.7	79.6	11.8	237	2.62	35.6	4.2	1.2	48	2.0	5.1	0.2	70	0.59	0.108	4
1288387	Soil		18.9	29.0	15.8	164	0.2	42.8	5.8	103	1.93	23.1	2.3	1.1	17	0.4	3.4	0.2	78	0.10	0.068	10
1288388	Soil		35.3	32.7	12.3	200	0.2	74.3	6.4	70	1.94	22.1	1.7	1.2	12	0.9	3.4	0.1	85	0.14	0.047	7
1288389	Soil		36.7	40.1	10.8	219	0.2	86.2	7.3	98	2.10	20.8	2.0	1.6	34	0.7	2.6	0.2	47	0.62	0.085	7
1288390	Soil		49.5	60.8	14.4	255	0.7	143.3	9.6	447	2.65	23.8	3.5	1.7	48	2.0	3.4	0.1	84	1.27	0.091	12
1288571	Soil		44.9	87.0	29.6	873	1.3	143.9	12.3	274	2.66	43.6	1.9	2.2	88	8.6	9.4	0.2	173	2.64	0.129	8
1288572	Soil		37.9	74.5	24.0	603	0.9	100.3	9.5	220	2.17	34.8	1.4	2.5	98	7.0	7.3	0.2	156	2.86	0.136	9
1288573	Soil		27.2	73.3	21.8	662	0.8	107.6	8.5	189	2.16	34.9	1.5	2.6	86	7.1	6.3	0.1	133	2.50	0.155	10
1288574	Soil		14.1	68.6	19.0	500	0.9	113.5	5.3	123	1.44	24.5	3.3	0.5	112	2.6	5.2	0.1	115	3.30	0.095	4
1288575	Soil		25.2	73.8	22.8	606	1.0	83.9	5.3	57	1.80	29.9	1.8	2.4	72	3.2	6.2	0.2	173	1.80	0.141	9
1288576	Soil		21.9	100.7	21.0	660	1.1	120.9	9.7	516	1.94	29.0	1.9	2.5	84	10.2	6.5	0.1	179	2.04	0.136	11
1288577	Soil		24.0	81.0	12.0	598	0.9	155.3	4.3	171	0.95	20.5	2.5	0.4	115	13.4	6.4	<0.1	129	3.88	0.112	6
1288578	Soil		26.9	64.4	11.3	642	1.2	149.2	5.4	179	1.04	21.2	1.7	1.1	86	12.6	6.3	<0.1	146	2.67	0.097	7
1288579	Soil		4.2	19.1	3.7	143	0.2	25.1	1.5	108	0.30	4.3	0.7	0.2	62	3.3	1.4	<0.1	26	1.69	0.037	2
1288580	Soil		1.5	19.6	6.5	78	0.3	22.7	1.7	70	0.86	3.3	2.2	0.3	56	1.2	0.7	<0.1	10	0.78	0.072	2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 05, 2011

CERTIFICATE OF ANALYSIS WHI11001855.1

	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
1288371	Soil	15	0.02	716	<0.001	3	0.37	0.008	0.15	<0.1	0.37	4.1	1.1	0.33	1	7.6	<0.2
1288372	Soil	9	0.02	833	<0.001	4	0.33	0.006	0.10	<0.1	0.21	2.1	0.6	0.13	1	4.2	<0.2
1288373	Soil	8	0.01	1222	<0.001	3	0.26	0.005	0.09	<0.1	0.22	2.4	0.5	0.12	1	3.9	<0.2
1288374	Soil	17	0.07	300	0.003	1	0.71	0.011	0.06	<0.1	0.11	2.3	0.2	<0.05	3	1.8	<0.2
1288375	Soil	17	0.05	400	0.001	15	0.45	0.004	0.07	<0.1	0.22	4.8	0.2	<0.05	2	2.8	0.3
1288376	Soil	13	0.09	959	0.001	1	0.47	0.004	0.08	<0.1	0.17	5.3	0.2	0.10	2	6.7	<0.2
1288377	Soil	11	0.04	335	<0.001	2	0.38	0.005	0.06	<0.1	0.05	2.8	0.3	<0.05	1	1.8	0.2
1288378	Soil	13	0.07	745	<0.001	2	0.35	0.004	0.08	<0.1	0.17	4.5	0.3	0.05	1	3.0	0.2
1288379	Soil	19	0.08	929	0.001	2	0.40	0.004	0.10	<0.1	0.12	7.1	0.5	0.06	2	3.9	0.2
1288380	Soil	9	0.02	216	0.001	2	0.35	0.004	0.05	<0.1	0.04	1.2	0.3	<0.05	3	1.3	<0.2
1288381	Soil	8	0.03	153	0.002	2	0.43	0.004	0.04	0.1	0.53	1.0	0.2	<0.05	3	1.3	<0.2
1288382	Soil	7	0.02	134	0.001	3	0.27	0.004	0.03	<0.1	0.06	0.7	0.3	<0.05	2	1.0	<0.2
1288383	Soil	7	0.03	109	0.002	2	0.27	0.008	0.04	<0.1	0.06	0.4	0.2	<0.05	2	0.8	<0.2
1288384	Soil	10	0.04	292	0.002	1	0.30	0.007	0.05	<0.1	0.05	1.0	0.2	<0.05	1	1.0	<0.2
1288385	Soil	13	0.11	832	0.002	1	0.54	0.007	0.05	<0.1	0.37	2.8	0.3	<0.05	2	1.4	<0.2
1288386	Soil	13	0.08	429	0.001	2	0.32	0.005	0.07	<0.1	0.22	2.7	0.3	0.06	1	2.4	<0.2
1288387	Soil	13	0.09	404	0.003	2	0.60	0.003	0.05	0.2	0.17	1.2	0.4	<0.05	3	1.7	<0.2
1288388	Soil	15	0.06	338	0.002	1	0.63	0.005	0.04	0.1	0.12	1.7	0.5	<0.05	2	1.5	<0.2
1288389	Soil	14	0.08	514	0.003	2	0.41	0.006	0.05	0.1	0.14	2.7	0.4	<0.05	1	1.5	<0.2
1288390	Soil	25	0.36	622	0.004	2	0.44	0.005	0.05	0.2	0.48	5.1	1.1	<0.05	<1	2.3	<0.2
1288571	Soil	18	1.00	714	0.002	6	0.41	0.005	0.10	0.1	0.58	3.6	1.0	0.11	1	5.8	<0.2
1288572	Soil	16	1.17	848	0.002	6	0.34	0.006	0.10	0.1	0.46	3.2	0.8	0.11	1	5.9	<0.2
1288573	Soil	15	1.10	882	0.002	4	0.34	0.005	0.08	<0.1	0.50	3.3	0.6	0.07	1	2.7	<0.2
1288574	Soil	14	0.43	582	0.002	11	0.28	0.008	0.06	<0.1	0.51	1.4	0.8	0.20	<1	6.3	<0.2
1288575	Soil	16	0.70	600	0.002	6	0.38	0.005	0.09	<0.1	0.44	3.1	0.8	0.07	<1	4.8	<0.2
1288576	Soil	19	0.71	805	0.003	6	0.43	0.007	0.09	0.2	0.53	3.8	0.8	0.07	1	3.6	<0.2
1288577	Soil	15	0.60	706	0.002	8	0.22	0.010	0.05	<0.1	0.50	1.5	0.7	0.15	<1	6.9	<0.2
1288578	Soil	19	0.76	478	0.003	5	0.31	0.016	0.06	0.2	0.43	3.3	0.8	0.10	<1	3.3	<0.2
1288579	Soil	5	0.13	307	0.006	2	0.33	0.025	0.02	<0.1	0.11	0.5	0.2	0.08	<1	3.4	<0.2
1288580	Soil	6	0.06	747	0.005	2	0.37	0.019	0.02	<0.1	0.10	0.9	<0.1	0.13	<1	1.6	<0.2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 05, 2011

CERTIFICATE OF ANALYSIS WHI11001855.1

	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
1288581	Soil	2.4	14.0	8.8	77	0.3	18.8	5.1	237	1.15	9.4	1.0	0.9	55	0.3	0.7	<0.1	23	1.09	0.068	3
1288582	Soil	2.8	17.0	7.3	66	0.2	21.0	2.2	36	0.99	6.5	<0.5	0.4	32	0.4	0.7	<0.1	20	0.52	0.038	2
1288583	Soil	10.0	93.8	16.6	954	1.5	218.8	31.2	2172	3.86	16.2	6.7	1.2	73	9.0	1.9	0.1	41	1.23	0.123	5
1288584	Soil	1.9	30.4	9.2	72	0.8	26.7	3.1	91	0.94	4.1	2.8	0.3	24	1.1	0.8	<0.1	13	0.21	0.069	3
1288585	Soil	0.9	12.0	4.2	35	0.4	14.1	1.3	47	0.52	4.5	1.0	<0.1	15	1.0	0.4	<0.1	12	0.24	0.038	2
1288586	Soil	5.4	34.0	10.8	105	0.5	30.1	2.1	52	0.71	6.5	0.5	0.2	27	2.0	0.8	<0.1	46	0.29	0.044	4
1288587	Soil	2.5	9.5	10.4	44	0.5	8.6	2.2	58	1.56	12.9	0.8	0.8	11	0.2	1.2	0.2	50	0.02	0.055	7
1288588	Soil	5.2	40.1	18.0	209	0.4	43.8	14.5	259	3.16	26.8	3.0	1.9	32	1.1	2.5	0.2	46	0.19	0.070	6
1288589	Soil	3.7	9.9	15.7	42	0.7	8.8	2.0	40	1.01	12.2	0.7	0.1	19	0.1	1.2	0.1	34	0.02	0.047	4
1288590	Soil	2.3	5.6	11.7	32	0.5	5.9	1.7	56	1.40	10.9	1.0	2.1	10	0.1	0.9	0.2	50	0.04	0.038	10
1288591	Soil	28.5	69.1	27.9	540	1.4	98.5	6.8	212	1.74	31.8	0.9	1.2	85	6.8	7.1	0.2	182	1.83	0.109	9
1288592	Soil	28.3	83.9	15.0	677	1.0	119.8	6.0	124	1.77	28.8	1.5	1.3	109	7.9	8.2	0.2	226	2.72	0.141	9
1288593	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1288594	Soil	7.4	36.6	11.3	987	0.5	119.2	11.1	702	1.59	12.2	1.9	1.1	94	3.6	2.5	0.1	65	1.81	0.081	5
1288595	Soil	8.7	34.0	10.7	963	0.4	118.7	10.1	83	1.42	14.9	1.9	1.2	85	2.4	2.0	0.2	54	1.29	0.077	5
1288596	Soil	8.1	34.5	11.2	711	0.5	92.5	9.0	161	1.61	11.4	2.6	1.4	79	1.8	2.1	0.2	46	1.30	0.066	5
1288597	Soil	5.6	20.7	5.4	292	0.3	70.5	7.2	206	1.33	8.0	1.9	0.5	93	1.0	1.1	0.1	21	1.46	0.066	3
1288598	Soil	3.7	38.5	10.5	400	0.4	69.4	4.9	54	1.01	7.2	3.3	1.4	70	2.7	2.0	0.1	41	0.85	0.074	7
1288599	Soil	6.4	40.2	11.7	160	0.6	53.3	8.2	159	2.18	14.6	2.4	2.0	76	1.6	2.0	0.2	48	0.83	0.080	7
1288600	Soil	1.0	7.3	2.4	25	0.2	9.1	1.1	22	0.41	1.6	0.6	0.2	56	1.1	0.7	<0.1	14	1.07	0.030	1
1288781	Soil	4.4	105.2	10.0	150	0.2	283.4	63.1	494	5.87	69.9	3.4	4.3	52	0.9	2.3	<0.1	48	2.08	0.224	75
1288782	Soil	4.5	105.6	22.4	120	0.1	388.7	82.5	1501	8.24	11.9	1.0	6.2	41	0.8	0.9	<0.1	244	0.98	0.290	276
1288783	Soil	2.7	46.4	8.4	78	0.1	110.0	24.7	784	3.54	10.2	0.6	1.7	46	0.4	0.7	<0.1	90	1.55	0.188	81
1288784	Soil	1.3	52.4	7.3	54	0.1	101.2	16.0	466	2.73	3.6	<0.5	1.5	53	0.2	0.5	<0.1	80	1.65	0.202	61
1288785	Soil	3.4	62.8	11.0	81	0.1	161.9	32.6	951	4.99	9.0	1.7	3.3	56	0.4	0.9	<0.1	140	1.68	0.230	60
1288786	Soil	3.5	84.6	12.0	81	0.1	223.0	42.9	925	5.81	17.3	1.7	5.1	52	0.3	0.9	<0.1	123	1.83	0.170	109
1288787	Soil	74.2	151.4	17.5	1204	1.8	277.4	24.3	561	4.23	60.8	3.0	1.9	191	13.6	29.0	0.1	617	4.81	0.185	32
1288788	Soil	39.6	54.3	9.5	636	0.5	131.9	11.4	206	2.27	31.7	1.2	0.9	57	7.1	13.3	<0.1	321	0.78	0.159	21
1288789	Soil	50.6	41.9	9.9	503	0.2	120.3	9.1	174	2.38	26.0	<0.5	0.7	23	2.7	8.4	0.1	184	0.30	0.125	19
1288790	Soil	59.6	33.2	9.2	275	<0.1	107.3	7.2	97	1.94	21.4	<0.5	0.4	8	1.3	5.1	0.2	185	0.06	0.140	9

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 05, 2011

CERTIFICATE OF ANALYSIS WHI11001855.1

	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
1288581	Soil	11	0.15	659	0.003	2	0.58	0.015	0.03	<0.1	0.09	1.5	<0.1	0.10	2	1.4	<0.2
1288582	Soil	7	0.08	330	0.004	<1	0.30	0.013	0.03	0.1	0.08	1.0	<0.1	0.10	1	1.4	<0.2
1288583	Soil	17	0.17	901	0.002	3	1.08	0.011	0.04	0.3	0.29	3.3	0.4	0.20	2	13.0	<0.2
1288584	Soil	11	0.05	738	0.002	<1	0.42	0.011	0.03	0.2	0.19	1.3	0.1	0.08	1	2.3	<0.2
1288585	Soil	4	0.04	351	0.003	<1	0.39	0.018	0.02	<0.1	0.03	0.4	<0.1	<0.05	1	0.6	<0.2
1288586	Soil	8	0.04	552	0.002	<1	0.43	0.012	0.03	<0.1	0.07	0.7	0.2	<0.05	2	0.7	<0.2
1288587	Soil	11	0.06	240	0.004	2	0.57	0.004	0.03	0.1	0.04	0.7	0.1	0.07	4	0.6	<0.2
1288588	Soil	16	0.14	1441	0.001	2	0.84	0.003	0.04	0.3	0.16	3.3	0.2	0.11	2	1.4	<0.2
1288589	Soil	5	0.02	180	0.002	1	0.28	0.006	0.02	<0.1	0.03	0.4	0.1	<0.05	2	0.8	<0.2
1288590	Soil	11	0.09	297	0.007	<1	0.86	0.003	0.03	0.2	0.03	0.9	0.2	<0.05	5	<0.5	<0.2
1288591	Soil	17	0.67	754	0.002	6	0.35	0.004	0.07	0.1	0.43	2.5	1.0	0.14	1	2.9	<0.2
1288592	Soil	20	0.85	1054	0.002	8	0.35	0.005	0.09	0.1	0.52	2.6	1.2	0.14	1	4.0	<0.2
1288593	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1288594	Soil	15	0.30	775	0.001	5	0.53	0.006	0.06	0.3	0.28	2.7	0.6	0.18	1	2.3	<0.2
1288595	Soil	15	0.15	813	0.002	4	0.55	0.006	0.05	<0.1	0.18	2.7	0.5	0.21	2	1.8	<0.2
1288596	Soil	14	0.15	848	0.001	4	0.64	0.006	0.05	<0.1	0.20	2.7	0.4	0.20	2	2.1	<0.2
1288597	Soil	12	0.13	736	0.005	5	0.48	0.014	0.04	0.1	0.11	1.2	0.2	0.34	1	1.8	<0.2
1288598	Soil	20	0.21	921	0.004	3	0.67	0.006	0.05	<0.1	0.19	2.7	0.4	0.15	2	1.6	<0.2
1288599	Soil	19	0.19	1691	0.002	2	0.77	0.005	0.05	0.1	0.19	3.2	0.2	0.13	2	1.4	<0.2
1288600	Soil	8	0.07	470	0.005	2	0.25	0.025	0.02	<0.1	0.04	0.5	<0.1	0.15	<1	0.7	<0.2
1288781	Soil	102	0.36	2285	0.002	6	0.98	0.007	0.11	<0.1	0.17	14.3	0.1	0.18	3	<0.5	<0.2
1288782	Soil	544	3.22	2539	0.041	3	3.04	0.005	0.03	0.3	0.06	13.0	0.2	0.09	14	<0.5	<0.2
1288783	Soil	141	0.96	1297	0.006	3	1.49	0.013	0.06	0.2	0.05	9.3	<0.1	0.16	5	<0.5	<0.2
1288784	Soil	150	1.25	5064	0.017	4	1.71	0.013	0.04	0.2	0.04	7.3	<0.1	0.26	5	<0.5	<0.2
1288785	Soil	242	2.32	2273	0.007	4	2.45	0.010	0.04	0.2	0.04	10.1	0.1	0.14	8	<0.5	<0.2
1288786	Soil	221	1.89	2083	0.003	5	2.02	0.005	0.08	0.2	0.07	15.0	0.1	0.12	7	<0.5	<0.2
1288787	Soil	97	2.17	1135	0.003	8	0.81	0.006	0.12	0.3	0.74	8.5	2.1	0.10	2	6.2	<0.2
1288788	Soil	43	0.20	562	0.003	4	0.71	0.015	0.10	0.2	0.18	2.7	1.3	0.13	2	4.1	<0.2
1288789	Soil	35	0.20	432	0.002	3	0.73	0.006	0.10	0.2	0.09	1.2	1.5	0.08	2	3.5	<0.2
1288790	Soil	25	0.20	311	0.004	5	0.88	0.006	0.08	0.2	0.02	0.9	2.0	0.09	3	2.2	<0.2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 05, 2011

CERTIFICATE OF ANALYSIS WHI11001855.1

	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
1288861	Soil	4.2	30.5	10.0	52	0.9	38.4	9.1	217	2.32	11.8	2.7	0.9	59	0.2	1.3	0.2	23	0.94	0.078	9
1288862	Soil	19.8	60.6	36.9	104	0.7	85.4	19.4	512	5.39	50.1	4.7	1.6	25	0.2	6.1	0.3	20	0.23	0.069	11
1288863	Soil	3.6	26.7	11.0	82	0.2	26.3	6.7	93	2.07	15.5	1.1	0.2	8	<0.1	2.0	0.2	31	0.03	0.071	7
1288864	Soil	3.5	44.0	20.3	139	1.7	34.3	5.4	61	2.49	9.0	2.3	0.9	71	0.2	1.7	0.2	24	0.08	0.192	6
1288865	Soil	2.9	17.5	6.0	49	0.5	17.1	3.5	43	1.02	7.3	0.7	0.1	16	0.1	1.0	<0.1	23	0.06	0.065	6
1288866	Soil	3.5	12.7	6.2	38	0.2	11.2	2.7	33	0.85	6.3	1.6	0.1	9	0.1	0.9	<0.1	27	0.02	0.063	6
1288867	Soil	2.8	11.1	5.0	33	0.1	11.9	2.3	30	0.76	4.5	0.8	<0.1	7	0.2	0.8	<0.1	19	0.03	0.089	3
1288868	Soil	49.4	56.9	13.8	677	0.6	154.6	9.1	206	1.88	26.5	<0.5	1.2	148	5.8	9.2	<0.1	199	5.28	0.131	7
1288869	Soil	8.1	22.9	19.7	103	0.4	33.1	3.7	60	1.09	7.7	1.2	0.2	71	1.1	1.9	0.2	61	0.25	0.139	10
1288870	Soil	7.6	31.6	13.1	104	1.8	33.9	5.0	77	1.80	14.7	2.4	0.2	18	0.3	2.7	0.2	35	0.05	0.148	6
1288871	Soil	53.2	61.7	18.5	553	0.6	137.4	10.1	217	2.36	29.9	1.6	1.0	51	4.9	8.1	0.1	114	1.48	0.118	5
1288872	Soil	49.8	55.0	16.0	897	0.3	144.6	6.3	168	1.93	17.0	1.4	0.7	43	4.9	4.1	0.1	56	0.66	0.097	10
1288873	Soil	25.0	29.7	9.6	191	0.2	80.1	4.4	123	1.16	9.4	1.1	0.6	56	1.3	3.1	<0.1	34	1.10	0.078	5
1288874	Soil	41.0	20.2	8.9	95	<0.1	79.0	5.3	72	1.69	12.2	1.4	0.6	8	0.3	2.6	0.1	56	0.09	0.053	4
1288875	Soil	8.5	8.0	5.9	51	0.5	16.8	1.5	28	0.57	5.3	0.7	<0.1	8	0.3	1.2	<0.1	42	0.04	0.064	3
1288876	Soil	5.1	7.2	3.6	29	1.4	10.9	0.7	11	0.42	2.8	1.1	<0.1	11	0.4	0.9	<0.1	35	0.04	0.055	1
1288877	Soil	17.8	23.6	14.3	123	0.2	32.3	4.7	74	1.56	12.6	0.6	0.1	14	0.3	2.8	0.2	78	0.04	0.063	5
1288878	Soil	6.2	20.6	11.7	90	0.2	18.5	4.2	58	1.36	8.1	1.9	<0.1	9	0.1	1.6	0.2	43	0.01	0.056	2
1288879	Soil	1.5	6.2	2.3	20	0.1	5.0	1.1	21	0.47	1.9	1.3	<0.1	5	<0.1	0.4	<0.1	14	0.02	0.033	1
1288880	Soil	2.9	29.8	7.7	69	0.1	24.1	7.4	293	2.87	14.0	1.3	0.3	5	<0.1	1.6	0.3	29	0.01	0.068	17
1288881	Soil	2.7	97.8	28.1	122	1.1	80.7	37.8	1584	7.74	14.9	7.6	4.8	15	<0.1	1.8	0.6	13	0.12	0.077	40
1288882	Soil	4.6	71.1	30.1	114	0.6	85.3	33.4	1066	6.81	27.0	7.0	3.0	14	0.2	3.1	0.4	19	0.09	0.079	21
1288883	Soil	11.0	102.1	48.0	407	0.3	158.5	29.9	807	6.83	52.0	4.8	4.0	38	0.5	6.9	0.5	31	0.35	0.263	21
1288884	Soil	1.8	15.8	4.8	54	0.2	21.7	4.2	74	1.08	10.0	0.7	<0.1	4	<0.1	0.8	0.1	14	0.03	0.031	6
1288885	Soil	5.4	57.4	10.3	113	<0.1	63.4	16.4	356	5.34	88.7	3.8	1.3	4	<0.1	3.4	0.4	35	0.02	0.081	18
1288886	Soil	4.9	47.7	8.5	83	<0.1	46.0	12.0	284	3.81	105.3	0.7	0.3	4	<0.1	2.9	0.3	41	0.02	0.066	17
1288887	Soil	10.6	51.1	31.2	152	0.2	67.9	16.7	559	4.82	58.6	2.7	2.4	10	0.2	3.8	0.4	22	0.06	0.081	12
1288888	Soil	20.7	25.0	11.1	462	0.3	56.0	4.7	71	1.69	24.8	1.0	0.3	6	0.9	10.4	0.2	101	0.03	0.057	6
1288889	Soil	24.3	27.2	12.3	373	0.3	53.7	4.2	32	1.41	23.9	1.4	0.4	5	0.4	8.3	0.2	122	0.01	0.040	7
1288890	Soil	59.1	94.8	19.7	895	0.4	169.0	11.9	332	3.10	30.2	2.3	2.2	61	14.5	7.8	0.2	69	1.44	0.145	13

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 05, 2011

CERTIFICATE OF ANALYSIS WHI11001855.1

	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
1288861	Soil	19	0.15	1877	0.006	5	0.49	0.013	0.10	<0.1	0.16	2.9	0.1	0.21	1	<0.5	<0.2
1288862	Soil	7	0.06	1009	0.001	2	0.31	0.003	0.11	<0.1	0.26	5.2	0.3	<0.05	<1	0.7	<0.2
1288863	Soil	12	0.04	432	0.002	2	0.63	0.006	0.06	<0.1	0.03	0.6	0.1	<0.05	3	0.8	<0.2
1288864	Soil	9	0.02	2157	0.002	2	0.65	0.006	0.07	<0.1	0.22	1.6	0.1	0.09	2	3.0	<0.2
1288865	Soil	11	0.03	888	0.002	3	0.32	0.011	0.06	<0.1	0.07	0.3	0.1	0.06	2	0.7	<0.2
1288866	Soil	8	0.03	326	0.002	3	0.30	0.010	0.05	<0.1	0.02	0.3	<0.1	<0.05	2	<0.5	<0.2
1288867	Soil	7	0.02	389	<0.001	2	0.29	0.012	0.04	<0.1	0.05	0.3	<0.1	<0.05	1	<0.5	<0.2
1288868	Soil	21	2.08	410	0.001	8	0.27	0.006	0.09	0.1	0.41	2.9	0.9	0.12	<1	3.6	<0.2
1288869	Soil	19	0.10	825	0.003	5	0.39	0.011	0.08	<0.1	0.06	0.8	0.2	0.22	2	1.2	<0.2
1288870	Soil	9	0.02	421	0.001	2	0.27	0.009	0.05	<0.1	0.17	0.7	0.2	<0.05	1	1.1	<0.2
1288871	Soil	17	0.55	551	0.001	4	0.32	0.003	0.05	0.1	0.45	3.2	0.6	0.09	<1	2.6	<0.2
1288872	Soil	13	0.07	211	0.003	2	0.47	0.013	0.04	0.2	0.35	2.5	0.7	0.10	1	1.4	<0.2
1288873	Soil	11	0.10	178	0.005	3	0.44	0.015	0.02	0.2	0.15	1.1	0.3	<0.05	1	1.5	<0.2
1288874	Soil	10	0.03	163	0.004	2	0.30	0.007	0.03	0.1	0.06	1.3	0.4	<0.05	1	0.8	<0.2
1288875	Soil	12	0.03	74	0.002	2	0.31	0.011	0.04	<0.1	0.05	0.1	0.3	<0.05	2	0.7	<0.2
1288876	Soil	6	0.02	113	0.002	1	0.23	0.017	0.03	<0.1	0.20	0.2	0.4	<0.05	<1	0.8	<0.2
1288877	Soil	14	0.04	81	0.002	3	0.36	0.005	0.05	<0.1	0.04	0.3	0.4	<0.05	3	1.4	<0.2
1288878	Soil	8	0.02	39	0.002	1	0.26	0.008	0.03	<0.1	0.02	0.3	0.2	<0.05	2	0.7	<0.2
1288879	Soil	5	0.01	20	0.003	1	0.19	0.013	0.02	<0.1	0.03	0.2	<0.1	<0.05	<1	<0.5	<0.2
1288880	Soil	8	0.03	80	0.003	1	0.49	0.009	0.05	<0.1	0.03	0.5	0.1	<0.05	2	0.7	<0.2
1288881	Soil	9	0.11	399	0.002	2	0.60	0.002	0.07	<0.1	0.13	6.9	0.2	<0.05	<1	1.3	0.2
1288882	Soil	19	0.10	568	0.005	3	0.59	0.004	0.11	0.1	0.06	5.2	0.2	<0.05	2	2.3	<0.2
1288883	Soil	17	0.04	490	0.003	3	0.39	0.002	0.08	<0.1	0.11	5.5	0.2	<0.05	<1	3.3	0.2
1288884	Soil	7	0.02	43	0.003	1	0.17	0.010	0.03	<0.1	0.02	0.3	<0.1	<0.05	1	<0.5	<0.2
1288885	Soil	9	0.04	118	0.005	3	0.43	0.004	0.06	<0.1	0.02	2.1	0.1	<0.05	2	1.6	<0.2
1288886	Soil	9	0.03	84	0.003	3	0.32	0.005	0.05	<0.1	0.02	0.7	0.1	<0.05	2	1.4	<0.2
1288887	Soil	9	0.05	352	0.002	2	0.40	0.003	0.09	<0.1	0.08	3.3	0.2	<0.05	1	1.3	<0.2
1288888	Soil	11	0.02	133	0.002	<1	0.27	0.004	0.04	<0.1	0.18	0.4	0.2	<0.05	1	5.3	<0.2
1288889	Soil	10	0.02	71	0.001	2	0.32	0.002	0.04	0.1	0.11	0.4	0.3	<0.05	2	2.7	<0.2
1288890	Soil	19	0.59	584	0.003	3	0.42	0.003	0.06	0.1	0.41	4.4	0.9	<0.05	<1	3.3	<0.2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 05, 2011

CERTIFICATE OF ANALYSIS WHI11001855.1

		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
1288391	Soil		70.6	49.7	14.1	390	0.3	165.9	8.3	183	2.34	52.4	0.8	3.4	183	2.3	5.5	0.1	62	7.78	0.072	8
1288392	Soil		16.7	22.7	6.5	98	0.2	31.8	3.0	42	0.80	10.6	1.3	0.5	10	1.4	2.9	0.1	67	0.09	0.039	4
1288393	Soil		7.7	122.9	44.4	401	2.7	101.6	42.8	1226	6.05	40.3	5.2	1.5	35	1.0	5.7	0.6	45	0.39	0.140	4
1288394	Soil		7.8	158.0	49.9	526	2.1	115.8	43.5	1585	6.21	88.2	4.6	1.1	39	4.0	4.5	0.5	53	0.26	0.131	4
1288395	Soil		8.7	156.6	46.0	568	1.6	155.6	64.5	2161	6.11	93.8	3.8	1.3	65	1.4	4.9	0.5	42	0.42	0.114	3
1288396	Soil		9.7	190.2	53.4	345	1.9	95.4	17.9	403	4.53	62.0	5.2	1.7	72	1.1	8.4	0.7	39	0.53	0.118	4
1288397	Soil		5.7	78.7	26.4	245	0.8	56.2	17.4	775	3.98	178.4	1.8	0.4	22	1.2	3.0	0.4	48	0.23	0.105	4
1288398	Soil		4.4	55.4	20.6	221	0.3	42.0	10.7	384	3.92	102.0	2.6	0.2	9	0.3	1.9	0.5	47	0.02	0.106	4
1288399	Soil		16.0	139.0	18.6	181	0.2	410.6	86.4	800	6.99	40.9	2.0	6.1	54	0.7	1.0	<0.1	94	0.65	0.240	67
1288400	Soil		11.8	137.2	16.3	153	0.2	439.0	92.1	816	6.83	37.8	2.1	6.2	59	0.5	0.8	<0.1	78	0.82	0.217	63
1288401	Soil		25.5	166.6	20.6	209	0.3	576.1	120.9	874	8.40	57.5	2.1	7.9	78	0.7	1.4	<0.1	79	1.45	0.253	59
1288402	Soil		8.8	155.4	14.5	205	0.2	501.7	108.5	851	8.29	81.0	2.4	5.2	87	0.6	1.3	<0.1	78	1.91	0.266	68
1288403	Soil		5.7	154.0	14.8	201	0.1	477.0	117.5	1285	8.50	32.6	2.9	6.9	101	0.5	0.7	<0.1	74	2.24	0.285	66
1288404	Soil		1.5	99.6	6.8	135	<0.1	186.2	45.8	1994	5.15	5.0	1.0	2.1	38	0.5	0.4	0.1	194	0.79	0.227	92
1288405	Soil		3.9	118.8	15.5	138	0.1	357.8	71.5	884	8.97	23.9	2.8	4.7	87	0.5	0.7	<0.1	194	1.55	0.291	76
1288406	Soil		4.0	106.4	15.0	129	0.2	291.5	60.3	1376	8.05	14.5	0.9	5.2	77	0.6	1.1	<0.1	163	1.42	0.279	89
1288407	Soil		1.4	40.7	7.5	65	<0.1	149.6	23.1	401	3.77	7.0	<0.5	1.6	34	0.2	0.4	<0.1	69	0.74	0.165	38
1288408	Soil		4.6	89.7	30.1	91	0.2	393.5	71.4	1030	10.08	16.0	3.1	7.1	83	0.4	0.9	<0.1	87	1.67	0.316	59
1288409	Soil		26.9	27.9	7.3	271	0.2	117.0	12.8	194	2.93	25.0	13.4	0.3	19	1.9	13.7	0.1	259	0.24	0.175	13
1288410	Soil		52.1	77.7	17.4	1344	0.5	343.3	35.1	586	6.45	56.2	5.2	2.9	46	8.7	20.0	0.2	342	0.54	0.279	38
1288411	Soil		31.6	160.9	16.9	1702	2.5	423.2	15.5	461	6.12	63.1	9.2	2.7	206	15.5	20.2	0.2	362	2.96	1.234	45
1288412	Soil		97.0	109.0	15.5	1163	1.9	321.1	18.8	393	3.67	60.7	4.4	1.3	63	15.8	21.1	0.2	759	0.74	0.243	35
1288413	Soil		43.5	75.4	12.3	751	0.6	248.7	30.2	650	5.10	73.5	1.8	1.9	72	7.0	12.1	0.1	377	0.91	0.245	42
1288414	Soil		23.5	94.1	13.0	442	0.5	370.8	55.3	1412	8.40	86.3	1.9	4.8	64	3.8	5.8	<0.1	244	1.16	0.264	59
1288415	Soil		47.8	85.5	14.0	780	0.5	272.5	32.2	656	5.26	82.0	3.4	3.1	67	7.7	12.9	0.1	462	0.78	0.289	53
1288416	Soil		44.7	94.5	13.9	686	0.5	360.9	50.4	1664	8.73	86.4	3.3	4.4	69	8.0	10.7	0.1	326	0.96	0.298	64
1288417	Soil		12.3	89.0	24.4	332	1.8	85.9	7.3	107	2.68	33.2	4.1	1.5	56	2.2	5.6	0.2	71	0.16	0.219	14
1288418	Soil		14.4	45.6	25.0	284	1.0	66.6	6.9	79	2.35	28.0	1.6	0.4	38	0.6	4.3	0.2	96	0.03	0.119	8
1288419	Soil		11.1	27.2	20.2	137	0.6	36.2	4.2	68	1.60	17.6	2.8	0.1	31	0.5	3.0	0.2	73	0.05	0.099	11
1288420	Soil		10.7	30.8	9.6	150	0.3	32.4	4.0	41	1.34	15.5	1.7	0.2	8	1.0	2.7	0.1	87	0.01	0.050	10

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 05, 2011

CERTIFICATE OF ANALYSIS WHI11001855.1

	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
1288391	Soil	14	2.96	512	0.003	4	0.18	0.006	0.05	0.1	0.64	3.4	1.8	<0.05	<1	1.6	<0.2
1288392	Soil	9	0.02	413	0.003	2	0.28	0.008	0.03	<0.1	0.08	1.0	0.2	<0.05	1	1.2	<0.2
1288393	Soil	14	0.12	852	0.002	2	0.31	0.003	0.07	<0.1	0.20	8.8	0.6	<0.05	<1	4.0	<0.2
1288394	Soil	15	0.07	1077	0.002	2	0.45	0.002	0.07	<0.1	0.17	7.5	0.5	<0.05	1	3.2	<0.2
1288395	Soil	12	0.07	980	0.001	1	0.39	0.003	0.08	<0.1	0.16	5.8	0.4	<0.05	1	2.7	<0.2
1288396	Soil	16	0.09	515	0.001	2	0.44	0.003	0.11	<0.1	0.18	4.6	0.3	0.09	1	3.7	0.3
1288397	Soil	15	0.06	295	0.003	3	0.44	0.004	0.06	<0.1	0.14	3.4	0.2	<0.05	2	1.9	<0.2
1288398	Soil	15	0.04	84	0.003	<1	0.51	0.004	0.04	<0.1	0.06	1.8	0.2	<0.05	2	1.4	<0.2
1288399	Soil	163	0.70	1586	0.005	6	1.65	0.009	0.13	<0.1	0.09	17.8	0.2	0.10	4	1.3	<0.2
1288400	Soil	144	0.52	1154	0.007	8	1.48	0.012	0.14	<0.1	0.09	16.6	0.2	0.16	3	1.8	<0.2
1288401	Soil	140	0.63	163	0.007	9	1.22	0.009	0.25	<0.1	0.12	18.0	0.4	0.42	3	1.9	<0.2
1288402	Soil	123	0.50	900	0.006	10	1.00	0.006	0.16	<0.1	0.10	20.2	0.1	0.19	2	1.4	<0.2
1288403	Soil	142	0.62	746	0.007	10	1.26	0.011	0.14	<0.1	0.09	21.2	0.2	0.19	3	1.3	<0.2
1288404	Soil	412	0.85	4422	0.012	4	2.07	0.008	0.05	<0.1	0.05	20.5	<0.1	0.05	8	0.7	<0.2
1288405	Soil	354	2.82	2955	0.014	5	2.83	0.008	0.06	<0.1	0.08	19.1	0.1	<0.05	11	1.4	<0.2
1288406	Soil	291	1.67	2601	0.013	6	2.08	0.005	0.08	0.1	0.08	20.4	0.1	<0.05	8	1.0	<0.2
1288407	Soil	126	0.50	1981	0.007	3	1.35	0.018	0.04	0.1	0.04	7.3	<0.1	<0.05	4	0.8	<0.2
1288408	Soil	146	0.65	3701	0.009	5	1.05	0.005	0.09	0.2	0.12	15.7	<0.1	<0.05	4	1.3	<0.2
1288409	Soil	49	0.10	873	0.006	6	0.68	0.014	0.06	0.2	<0.01	1.3	1.0	0.10	3	4.6	<0.2
1288410	Soil	94	0.24	4246	0.005	7	1.10	0.005	0.10	0.2	0.07	8.2	1.2	<0.05	4	11.5	<0.2
1288411	Soil	220	0.18	4707	0.015	13	1.39	0.006	0.19	0.3	0.74	8.5	1.0	<0.05	4	18.6	<0.2
1288412	Soil	104	0.32	2590	0.007	7	1.25	0.007	0.15	0.2	0.55	4.6	1.3	<0.05	3	10.5	<0.2
1288413	Soil	119	0.63	2358	0.009	8	1.36	0.010	0.12	0.2	0.19	6.4	1.1	<0.05	4	4.9	<0.2
1288414	Soil	153	0.56	3880	0.005	7	1.37	0.006	0.10	0.2	0.17	18.7	0.5	0.07	4	2.9	<0.2
1288415	Soil	130	0.57	3536	0.007	9	1.46	0.006	0.12	0.3	0.16	8.3	1.1	<0.05	5	5.8	<0.2
1288416	Soil	135	0.51	3541	0.006	10	1.23	0.007	0.11	0.2	0.18	16.5	0.9	0.06	4	4.7	<0.2
1288417	Soil	25	0.07	382	0.003	4	0.47	0.003	0.09	<0.1	0.37	3.0	0.5	0.05	1	2.4	<0.2
1288418	Soil	18	0.04	164	0.004	3	0.49	0.006	0.06	0.1	0.05	1.0	0.4	0.06	3	1.8	<0.2
1288419	Soil	20	0.06	229	0.004	2	0.46	0.004	0.07	0.1	0.12	0.3	0.5	0.07	3	1.6	<0.2
1288420	Soil	15	0.03	266	0.003	2	0.39	0.003	0.05	0.1	0.04	0.5	0.2	<0.05	3	1.3	<0.2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 05, 2011

CERTIFICATE OF ANALYSIS WHI11001855.1

		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
1288201	Soil		77.7	72.7	10.6	292	0.3	192.1	9.3	201	2.04	55.3	0.6	2.1	134	2.8	9.6	<0.1	91	5.60	0.107	10
1288202	Soil		85.3	102.6	16.3	1223	0.9	210.5	7.3	191	1.89	82.0	2.4	1.1	60	13.0	21.0	0.2	663	1.69	0.083	20
1288203	Soil		101.1	144.4	17.5	1768	2.1	283.6	7.5	165	1.54	82.9	2.0	1.4	208	18.1	33.4	0.1	867	7.27	0.119	18
1288204	Soil		129.7	170.7	21.3	2262	2.3	357.2	9.3	183	1.91	93.4	3.0	1.9	174	17.1	38.4	0.2	773	5.83	0.108	17
1288205	Soil		143.0	155.6	18.6	1802	2.0	326.8	6.7	141	1.47	99.4	1.6	2.9	323	21.5	44.1	0.1	1009	12.61	0.112	16
1288206	Soil		151.6	149.8	18.1	1748	2.5	333.2	6.8	157	1.44	106.1	2.4	3.1	313	20.2	42.7	0.2	1129	12.91	0.123	17
1288207	Soil		142.8	153.8	20.8	1944	3.0	320.1	7.3	196	1.39	111.8	0.7	2.7	309	21.7	44.2	0.2	1215	11.91	0.137	19
1288208	Soil		150.1	143.8	19.0	1822	2.5	302.9	5.3	152	1.30	120.5	2.5	2.8	364	24.8	46.0	0.1	975	14.03	0.141	17
1288209	Soil		132.7	131.7	16.1	1443	2.8	300.0	5.2	154	1.17	86.0	<0.5	2.3	302	18.6	36.1	0.1	944	11.87	0.111	14
1288210	Soil		132.9	135.2	15.6	1460	2.7	302.3	5.2	176	1.21	83.1	3.4	2.2	319	19.2	35.0	0.1	1074	12.16	0.114	16
1288211	Soil		159.4	172.5	21.4	1961	2.6	343.1	6.3	154	1.63	153.0	3.1	3.3	258	21.6	51.5	0.2	958	9.31	0.149	19
1288212	Soil		144.8	154.1	18.6	1633	2.8	292.9	6.0	159	1.48	124.7	1.4	2.6	236	22.2	38.6	0.2	647	9.37	0.125	17
1288213	Soil		23.9	139.7	26.3	1016	0.9	524.1	73.2	1136	8.54	222.3	6.8	7.7	146	14.3	12.2	0.2	304	1.97	0.498	88
1288214	Soil		39.6	128.8	27.4	1178	1.2	446.5	54.3	864	6.60	126.5	4.1	6.4	135	16.4	13.6	0.2	447	2.30	0.426	65
1288215	Soil		120.6	87.5	24.5	933	1.3	371.1	24.1	400	3.80	77.8	2.0	4.9	100	8.0	16.5	0.2	378	1.66	0.161	25
1288216	Soil		12.8	158.4	28.8	75	0.4	846.3	148.6	1289	11.63	250.0	4.3	18.1	218	0.6	4.7	<0.1	127	4.06	0.650	93
1288217	Soil		23.2	126.3	18.8	81	0.4	767.5	104.6	1089	9.05	22.2	1.3	18.5	264	0.7	1.9	0.2	126	4.45	0.788	104
1288218	Soil		17.8	131.8	60.3	73	0.5	834.4	117.7	1284	13.75	71.4	2.7	23.1	315	0.5	3.7	<0.1	87	8.45	0.725	77
1288219	Soil		21.4	132.8	43.4	914	0.8	838.5	122.3	1436	11.96	64.3	2.8	15.5	346	9.8	2.2	<0.1	96	7.84	0.560	49
1288220	Soil		12.1	148.8	58.9	1802	0.7	855.3	123.2	1021	11.13	65.5	2.8	14.6	188	25.6	2.9	<0.1	89	4.36	0.648	71
1288221	Soil		5.2	156.2	55.1	561	0.9	828.0	127.3	1244	11.88	92.7	4.3	21.1	224	5.5	3.0	<0.1	121	3.40	0.821	89
1288222	Soil		6.8	155.6	55.0	784	0.9	824.0	120.1	1341	12.00	120.0	4.9	18.6	205	7.4	3.9	<0.1	135	3.18	0.750	92
1288223	Soil		20.2	126.3	47.8	850	1.1	735.0	106.0	923	10.06	361.0	5.4	17.1	264	5.2	15.2	<0.1	155	3.54	0.683	84
1288224	Soil		19.8	133.7	57.5	773	1.1	809.0	110.3	1257	11.79	258.7	3.7	15.2	156	9.1	10.9	<0.1	164	2.29	0.674	81
1288225	Soil		19.0	134.9	50.1	810	1.0	796.8	101.4	1279	10.69	194.4	5.2	16.0	183	8.9	7.8	0.2	161	2.93	0.707	87
1288226	Soil		14.2	130.5	45.7	759	0.8	738.4	101.7	1247	10.15	130.1	6.1	17.6	246	8.2	5.2	0.2	130	4.74	0.718	79
1288227	Soil		18.4	119.7	38.7	514	1.0	626.8	76.9	1008	8.30	389.2	4.1	11.8	175	4.1	12.5	0.5	187	2.05	0.551	81
1288228	Soil		16.2	127.9	29.5	444	0.9	628.3	82.0	1335	9.29	790.2	7.0	15.1	171	3.9	13.2	0.2	200	2.10	0.631	79
1288229	Soil		22.1	98.9	23.5	621	1.3	355.2	42.8	743	5.72	225.8	4.9	6.9	101	6.8	11.0	0.2	187	1.26	0.340	45
1288230	Soil		16.3	89.0	21.7	508	1.0	291.8	34.4	563	4.79	170.3	3.3	7.4	120	4.4	8.5	0.2	123	2.14	0.307	39

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 05, 2011

CERTIFICATE OF ANALYSIS WHI11001855.1

	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
1288201	Soil	19	2.34	326	0.003	5	0.26	0.005	0.07	0.2	0.73	3.1	1.1	<0.05	<1	2.2	<0.2
1288202	Soil	40	0.42	397	0.005	7	0.55	0.004	0.12	0.3	0.63	3.1	2.3	<0.05	2	4.4	<0.2
1288203	Soil	49	1.45	384	0.007	9	0.59	0.009	0.16	0.4	0.62	2.8	3.6	<0.05	2	5.7	<0.2
1288204	Soil	45	1.31	343	0.006	8	0.56	0.006	0.14	0.5	0.69	3.6	4.6	<0.05	2	7.5	0.3
1288205	Soil	51	1.68	300	0.008	9	0.46	0.007	0.15	0.4	0.81	3.0	4.9	<0.05	2	10.0	<0.2
1288206	Soil	57	1.98	323	0.009	12	0.58	0.008	0.18	0.4	0.61	3.1	5.1	<0.05	2	10.5	<0.2
1288207	Soil	65	1.73	337	0.010	14	0.59	0.007	0.19	0.5	0.56	3.2	5.0	<0.05	2	9.2	<0.2
1288208	Soil	49	1.99	361	0.008	10	0.44	0.006	0.14	0.5	0.48	2.7	4.0	<0.05	1	7.9	<0.2
1288209	Soil	50	1.50	435	0.008	11	0.45	0.006	0.15	0.4	0.86	2.6	3.4	<0.05	2	7.9	0.4
1288210	Soil	55	1.48	431	0.010	13	0.55	0.007	0.18	0.4	1.06	2.8	3.5	<0.05	2	7.5	0.2
1288211	Soil	52	1.65	508	0.008	12	0.53	0.006	0.17	0.5	1.47	3.4	4.1	<0.05	2	9.0	0.3
1288212	Soil	36	2.00	390	0.006	9	0.43	0.006	0.12	0.4	1.00	3.1	2.9	<0.05	1	10.5	0.3
1288213	Soil	178	0.46	3673	0.008	16	1.11	0.006	0.13	0.3	1.90	19.3	0.5	0.10	3	5.3	<0.2
1288214	Soil	150	0.68	3267	0.015	12	1.03	0.006	0.13	0.4	1.08	13.8	0.8	0.07	3	4.2	<0.2
1288215	Soil	42	0.57	1419	0.003	9	0.50	0.006	0.12	0.9	1.07	6.0	2.0	0.09	1	8.1	0.2
1288216	Soil	213	0.54	1571	0.008	21	0.95	0.008	0.22	0.2	2.96	25.4	0.4	0.24	3	1.5	<0.2
1288217	Soil	221	0.30	1471	0.005	29	1.24	0.008	0.30	0.2	0.82	22.8	0.5	0.18	4	1.1	<0.2
1288218	Soil	189	0.25	1400	0.008	19	0.78	0.007	0.22	0.2	1.13	22.9	0.5	0.23	3	0.8	<0.2
1288219	Soil	159	1.40	3165	0.007	15	0.87	0.009	0.18	0.2	1.02	20.4	0.9	0.14	2	2.8	<0.2
1288220	Soil	156	0.52	727	0.007	21	0.81	0.007	0.19	0.2	0.87	18.8	0.4	0.31	3	1.7	<0.2
1288221	Soil	223	0.59	1445	0.008	24	0.99	0.007	0.22	0.1	0.62	26.5	0.4	0.22	3	0.7	<0.2
1288222	Soil	228	0.74	2218	0.006	26	1.00	0.007	0.21	0.1	0.65	27.7	0.4	0.21	3	2.0	<0.2
1288223	Soil	170	1.01	3370	0.007	16	1.02	0.008	0.18	0.2	1.37	24.4	0.8	0.30	2	5.3	<0.2
1288224	Soil	161	0.30	1002	0.007	20	1.07	0.008	0.17	0.2	1.00	20.5	0.8	0.26	3	4.9	<0.2
1288225	Soil	190	0.66	527	0.006	29	1.23	0.010	0.23	0.1	1.00	21.9	0.8	0.29	3	4.4	<0.2
1288226	Soil	184	1.26	219	0.006	26	1.01	0.010	0.23	0.2	0.73	21.8	0.6	0.50	3	2.0	<0.2
1288227	Soil	167	0.50	6156	0.007	19	1.34	0.010	0.19	0.2	1.45	19.5	0.8	0.14	3	5.5	<0.2
1288228	Soil	197	0.64	3736	0.004	17	1.47	0.008	0.17	0.1	1.47	25.1	0.6	0.07	3	2.4	<0.2
1288229	Soil	88	0.37	3488	0.004	8	0.88	0.008	0.13	0.1	2.40	11.7	0.5	<0.05	2	2.8	0.2
1288230	Soil	66	0.85	2455	0.003	13	0.70	0.006	0.15	<0.1	1.30	9.4	0.4	0.06	2	2.0	<0.2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 05, 2011

CERTIFICATE OF ANALYSIS WHI11001855.1

	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
1288231	Soil	21.3	86.1	18.1	471	0.9	218.5	30.3	470	4.81	127.9	2.5	3.0	48	2.8	7.4	0.2	143	0.35	0.229	38
1288232	Soil	8.7	41.1	9.3	161	0.4	78.5	12.0	120	2.96	54.8	1.6	0.3	10	0.3	3.3	0.2	64	0.05	0.104	18
1288233	Soil	12.0	59.9	20.6	260	0.8	81.0	13.9	260	3.94	47.0	4.2	1.6	17	0.6	3.7	0.3	49	0.11	0.146	20
1288234	Soil	3.7	44.6	11.1	120	0.5	39.5	11.5	295	3.24	31.0	3.6	0.6	12	0.1	1.8	0.2	27	0.04	0.097	12
1288235	Soil	5.9	71.8	17.9	231	0.7	66.6	18.1	382	5.04	42.6	3.8	1.6	13	0.3	2.9	0.3	47	0.06	0.134	22
1288236	Soil	8.9	64.4	21.7	247	2.2	74.4	14.6	367	3.50	23.2	2.2	2.7	30	0.7	3.6	0.3	35	0.14	0.126	18
1288237	Soil	15.7	28.4	9.8	182	0.8	43.3	4.5	52	1.86	26.3	2.7	0.4	11	0.5	4.1	0.2	91	0.06	0.112	11
1288238	Soil	63.8	79.8	14.8	507	0.4	183.2	15.6	428	2.95	37.3	1.8	0.6	23	5.9	4.5	0.1	93	0.37	0.149	13
1288239	Soil	44.3	63.8	16.1	613	0.4	124.2	10.0	218	3.60	91.1	7.0	0.7	46	2.7	11.9	0.2	516	0.31	0.249	16
1288240	Soil	40.1	31.8	7.7	419	0.2	78.3	4.2	72	1.52	37.1	3.2	0.2	14	3.5	7.9	0.1	261	0.14	0.127	9
1288241	Soil	38.4	25.9	14.9	242	0.2	66.1	4.9	62	1.56	40.1	7.3	0.2	20	0.5	6.2	0.3	186	0.12	0.077	10
1288242	Soil	50.2	49.2	40.1	366	0.9	97.6	5.6	74	2.96	81.4	14.4	0.3	52	0.7	14.3	0.3	356	0.07	0.208	9
1288243	Soil	68.7	302.4	26.2	542	2.1	221.5	7.3	120	2.53	177.8	7.3	3.0	34	1.6	32.2	0.2	516	0.20	0.570	13
1288244	Soil	61.4	40.5	13.7	608	0.7	104.6	4.9	75	2.03	67.7	26.0	0.2	17	0.8	13.3	0.2	312	0.03	0.126	8
1288245	Soil	110.5	59.5	26.6	850	1.5	211.6	5.9	96	2.94	113.7	88.0	0.5	36	3.9	34.6	0.2	657	0.09	0.160	13
1288246	Soil	49.1	102.3	29.5	977	2.6	176.1	11.1	493	3.81	111.2	49.0	0.9	55	9.3	28.4	0.3	276	0.32	0.217	14
1288247	Soil	14.0	10.3	10.8	55	0.5	13.5	1.5	24	0.90	20.5	2.3	0.1	13	0.2	4.0	0.1	93	0.05	0.070	5
1288248	Soil	13.1	40.4	24.3	85	1.1	19.3	2.4	34	2.76	68.3	4.7	0.9	52	0.3	6.6	0.2	94	0.04	0.093	5
1288249	Soil	16.2	24.7	37.7	64	1.9	19.6	2.4	34	2.31	68.3	8.7	0.4	64	0.3	9.5	0.2	76	0.06	0.106	4
1288250	Soil	23.7	23.5	51.3	53	2.4	16.5	2.0	34	2.82	56.4	14.7	0.4	57	0.2	9.1	0.3	107	0.05	0.105	4
1288251	Soil	5.5	39.2	12.3	89	1.2	32.6	3.7	95	1.67	28.4	4.9	0.5	97	0.4	1.4	0.1	30	0.22	0.093	5
1288252	Soil	5.8	41.3	11.4	108	1.4	35.5	4.5	46	1.84	59.5	4.9	0.5	117	0.2	1.7	0.1	22	0.09	0.069	4
1288253	Soil	6.4	20.1	10.1	61	0.4	24.9	2.7	32	1.22	34.7	3.8	0.3	52	0.2	1.8	0.1	29	0.12	0.057	3
1288254	Soil	4.2	37.8	12.0	103	1.7	40.1	5.8	65	2.08	85.6	10.2	1.1	86	0.3	3.6	0.2	24	0.19	0.061	4
1288255	Soil	5.4	47.5	18.2	114	1.6	39.5	5.0	71	2.52	51.9	10.5	0.7	89	0.4	3.0	0.2	48	0.28	0.116	6
1288256	Soil	3.1	30.8	9.1	55	1.1	18.5	2.5	32	1.54	58.2	4.7	0.9	84	<0.1	3.3	0.1	21	0.08	0.046	3
1288257	Soil	3.6	178.3	42.2	263	2.7	61.5	8.2	136	7.48	72.3	4.8	1.6	79	0.4	1.9	0.3	58	0.03	0.166	5
1288258	Soil	3.3	46.4	22.9	130	1.7	36.0	8.4	201	3.01	42.8	7.9	1.4	53	0.3	1.6	0.2	38	0.05	0.080	6
1288259	Soil	4.7	63.8	16.5	192	2.1	74.7	11.5	131	2.96	53.4	6.1	0.9	67	0.4	1.8	0.3	27	0.06	0.077	4
1288260	Soil	8.0	31.5	20.2	53	2.1	16.3	2.0	31	1.70	48.6	8.8	0.6	38	0.1	1.8	0.2	27	0.05	0.044	2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 05, 2011

CERTIFICATE OF ANALYSIS WHI11001855.1

	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
1288231	Soil	60	0.08	2867	0.004	5	0.82	0.004	0.13	<0.1	1.63	5.9	0.3	<0.05	2	2.5	<0.2
1288232	Soil	22	0.04	338	0.004	2	0.68	0.010	0.06	0.1	0.36	0.7	0.2	<0.05	3	<0.5	<0.2
1288233	Soil	18	0.06	738	0.003	4	0.83	0.004	0.08	<0.1	0.96	2.1	0.3	<0.05	2	1.8	<0.2
1288234	Soil	8	0.05	1214	0.008	2	1.01	0.015	0.06	0.1	0.11	1.3	0.2	<0.05	2	1.7	<0.2
1288235	Soil	15	0.11	2448	0.009	2	1.49	0.008	0.09	0.2	0.12	2.8	0.2	0.06	3	2.6	<0.2
1288236	Soil	11	0.07	2333	0.005	3	1.04	0.006	0.11	<0.1	0.86	2.7	0.2	<0.05	2	1.7	<0.2
1288237	Soil	15	0.05	870	0.003	3	0.67	0.011	0.06	0.1	0.28	0.5	0.4	<0.05	2	1.5	<0.2
1288238	Soil	19	0.06	475	0.003	3	0.57	0.007	0.08	0.3	0.45	1.8	2.1	0.06	1	3.6	<0.2
1288239	Soil	60	0.12	961	0.005	9	1.03	0.010	0.11	0.3	0.90	1.1	1.2	0.06	4	3.5	<0.2
1288240	Soil	19	0.07	265	0.004	5	0.50	0.011	0.09	0.3	0.33	0.5	2.3	0.06	2	2.1	<0.2
1288241	Soil	29	0.07	223	0.003	3	0.44	0.004	0.06	0.2	0.49	0.3	1.0	0.15	3	2.1	<0.2
1288242	Soil	38	0.05	187	0.002	2	0.67	0.005	0.07	0.2	16.16	0.4	1.2	0.10	3	5.4	<0.2
1288243	Soil	77	0.06	378	0.003	4	3.80	0.004	0.08	0.4	15.14	5.7	1.8	0.13	3	11.5	<0.2
1288244	Soil	23	0.03	159	0.001	2	0.49	0.009	0.06	0.2	1.17	0.3	1.6	0.10	3	3.9	<0.2
1288245	Soil	49	0.07	452	0.003	3	0.62	0.006	0.10	0.6	16.59	1.2	2.8	0.15	4	8.0	0.3
1288246	Soil	27	0.06	723	0.001	3	0.61	0.007	0.10	0.3	8.83	2.2	1.7	0.13	3	10.8	0.3
1288247	Soil	13	0.03	164	0.002	1	0.28	0.011	0.05	0.1	0.52	0.1	0.5	0.10	2	2.3	<0.2
1288248	Soil	16	0.02	502	0.002	<1	0.38	0.003	0.08	0.1	0.53	1.3	0.8	0.14	3	7.3	<0.2
1288249	Soil	17	0.03	482	0.003	2	0.34	0.007	0.11	0.1	0.82	0.9	1.1	0.20	2	10.3	0.3
1288250	Soil	16	0.02	251	0.002	2	0.30	0.006	0.25	0.1	0.76	0.4	1.8	0.60	2	10.2	0.2
1288251	Soil	24	0.04	646	0.002	2	0.62	0.009	0.06	<0.1	0.42	1.9	0.2	0.07	2	3.1	<0.2
1288252	Soil	18	0.02	565	<0.001	2	0.44	0.005	0.05	<0.1	0.48	2.2	0.1	<0.05	1	4.4	<0.2
1288253	Soil	15	0.02	539	<0.001	2	0.33	0.006	0.05	<0.1	0.32	0.9	0.2	<0.05	2	1.7	<0.2
1288254	Soil	16	0.04	821	<0.001	3	0.36	0.004	0.06	<0.1	2.15	2.3	0.1	0.07	1	3.6	<0.2
1288255	Soil	30	0.07	1711	0.002	4	0.63	0.007	0.09	0.1	0.88	2.0	0.2	0.23	2	4.0	<0.2
1288256	Soil	12	0.03	1262	<0.001	2	0.36	0.003	0.06	<0.1	1.50	1.9	0.1	0.11	1	3.4	<0.2
1288257	Soil	26	0.05	782	0.001	3	1.20	0.004	0.08	<0.1	0.25	4.5	0.1	0.14	3	5.5	<0.2
1288258	Soil	19	0.07	576	0.002	2	0.67	0.004	0.08	<0.1	0.20	2.3	0.1	0.07	2	2.3	<0.2
1288259	Soil	17	0.03	1211	<0.001	2	0.49	0.004	0.08	<0.1	0.34	3.0	0.2	0.12	1	3.6	<0.2
1288260	Soil	18	0.01	1230	<0.001	4	0.30	0.003	0.06	<0.1	0.67	2.3	<0.1	0.12	2	5.4	<0.2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 05, 2011

CERTIFICATE OF ANALYSIS WHI11001855.1

	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
1281231	Soil	0.3	7.9	2.7	10	0.1	2.7	0.5	12	0.28	3.2	<0.5	<0.1	5	<0.1	0.1	<0.1	7	0.04	0.023	1
1281232	Soil	7.1	131.8	22.7	665	0.9	100.0	12.8	110	2.12	89.0	6.2	0.3	14	0.7	2.6	0.3	81	0.10	0.085	9
1281233	Soil	10.8	219.6	76.0	999	1.7	165.7	40.3	506	4.26	478.8	27.3	2.6	33	2.6	8.3	0.6	139	0.31	0.156	15
1281234	Soil	0.6	6.9	1.8	20	0.2	3.5	0.6	12	0.23	14.5	<0.5	<0.1	4	<0.1	0.3	<0.1	8	0.03	0.024	<1
1281235	Soil	1.5	13.4	4.4	39	0.5	8.6	1.3	23	0.46	27.3	3.0	<0.1	6	0.2	0.7	<0.1	18	0.09	0.034	2
1281236	Soil	7.1	104.7	23.4	861	0.6	78.2	16.3	262	2.53	289.5	10.4	1.1	10	1.0	3.6	0.3	183	0.19	0.100	9
1281237	Soil	8.5	67.1	14.6	397	1.3	48.5	7.6	117	1.70	181.1	8.5	0.6	12	2.3	3.6	0.2	123	0.18	0.063	5
1281238	Soil	42.9	89.8	32.2	594	2.7	46.3	3.0	85	2.53	79.8	4.2	0.2	10	0.8	14.5	0.4	439	0.21	0.220	10
1281239	Soil	8.1	99.1	20.0	449	0.8	65.4	14.4	333	3.22	129.6	1.8	5.9	72	5.0	4.0	0.6	230	3.48	0.161	11
1281240	Soil	21.1	188.3	41.9	726	2.0	63.2	11.0	186	3.77	326.9	11.6	5.9	11	2.6	12.7	0.3	225	0.53	0.370	21
1281241	Soil	1.6	22.6	6.2	80	0.3	13.1	1.7	36	0.89	35.2	1.5	0.2	7	0.2	0.9	0.1	34	0.07	0.038	3
1281242	Soil	4.9	96.6	23.8	360	0.6	59.2	8.2	184	3.53	358.0	6.6	1.9	18	0.5	3.6	0.5	108	0.14	0.099	10
1281243	Soil	4.7	54.1	14.9	172	0.5	25.6	3.5	81	2.56	122.1	3.1	2.1	10	0.3	2.6	0.5	127	0.10	0.087	9
1281244	Soil	4.0	123.7	22.0	183	0.7	40.4	3.9	85	2.74	252.6	7.6	0.8	11	0.4	2.5	0.5	56	0.07	0.058	9
1281245	Soil	1.1	29.4	3.5	31	0.6	8.2	1.6	41	0.58	53.4	1.7	0.3	8	0.2	0.5	<0.1	16	0.10	0.046	2
1281246	Soil	2.4	54.2	23.3	166	3.4	60.5	8.5	119	2.88	17.5	7.1	2.0	88	0.8	1.4	0.2	41	0.78	0.167	9
1281247	Soil	2.8	27.7	14.0	156	1.8	44.8	6.4	196	2.38	17.0	2.9	0.6	116	1.8	2.0	0.4	45	2.37	0.213	15
1281248	Soil	2.0	23.8	9.6	143	1.6	36.7	4.4	159	1.89	11.1	3.5	0.4	97	1.6	1.3	0.3	39	2.38	0.228	17
1281249	Soil	3.6	38.9	12.9	180	2.0	58.9	7.1	134	2.74	17.2	4.4	1.3	85	1.4	2.0	0.2	47	1.34	0.217	16
1281250	Soil	1.8	25.4	8.7	137	1.3	34.1	4.4	148	1.81	7.8	3.5	0.4	106	1.1	1.0	0.2	31	2.44	0.198	14
1281901	Soil	2.7	65.7	18.6	184	0.9	52.2	10.2	183	3.91	21.8	7.1	2.2	62	0.5	1.6	0.3	24	0.02	0.097	4
1281902	Soil	2.0	38.9	13.1	108	0.7	29.5	5.4	105	2.66	15.4	7.3	1.9	22	0.4	1.9	0.2	28	0.03	0.054	5
1281903	Soil	1.7	28.5	8.3	79	0.3	16.9	4.2	124	1.77	8.4	2.3	0.2	17	1.0	0.9	0.2	26	0.06	0.102	7
1281904	Soil	2.6	27.5	10.5	116	0.3	26.9	5.3	102	2.52	13.3	5.9	0.9	21	0.3	1.4	0.3	31	0.03	0.060	6
1281905	Soil	1.5	21.5	7.7	65	0.6	20.5	3.2	50	1.55	6.6	4.0	0.3	13	0.2	0.7	0.2	19	0.02	0.064	4
1281906	Soil	2.4	36.7	13.6	95	0.9	26.9	3.8	47	2.66	14.9	2.4	0.7	25	0.2	1.2	0.2	33	0.03	0.092	4
1281907	Soil	3.3	22.0	8.9	80	0.9	17.3	4.2	47	1.91	12.2	2.0	1.7	8	<0.1	1.0	0.2	57	<0.01	0.029	6
1281908	Soil	3.4	48.8	17.3	192	0.3	59.1	7.8	113	3.54	20.8	5.3	1.5	22	0.4	1.6	0.3	33	0.02	0.076	5
1281909	Soil	3.2	29.0	11.3	88	0.2	19.8	4.3	112	2.44	14.8	7.0	0.7	14	0.3	1.6	0.2	49	0.03	0.052	8
1281910	Soil	2.0	16.7	7.3	51	0.2	11.6	2.6	65	1.54	8.5	2.2	0.1	9	0.1	0.8	0.2	29	0.02	0.065	4

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 05, 2011

CERTIFICATE OF ANALYSIS WHI11001855.1

	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
1281231	Soil	3	0.02	19	0.012	<1	0.50	0.023	0.02	<0.1	0.04	<0.1	<0.1	<0.05	2	<0.5	<0.2
1281232	Soil	25	0.61	90	0.020	<1	1.50	0.015	0.07	0.5	0.10	0.7	0.2	0.08	4	2.1	<0.2
1281233	Soil	38	0.70	145	0.037	<1	1.90	0.017	0.12	0.5	0.12	1.8	0.4	0.11	4	3.4	<0.2
1281234	Soil	4	0.04	19	0.004	<1	0.17	0.018	0.02	<0.1	0.04	0.1	<0.1	<0.05	<1	<0.5	<0.2
1281235	Soil	9	0.10	48	0.005	<1	0.32	0.021	0.03	<0.1	0.06	0.1	<0.1	<0.05	1	<0.5	<0.2
1281236	Soil	31	1.39	118	0.032	1	1.72	0.009	0.12	0.2	0.04	1.5	0.4	0.05	5	<0.5	<0.2
1281237	Soil	21	0.62	96	0.024	<1	0.86	0.024	0.08	0.2	0.10	0.9	0.2	0.09	3	0.7	<0.2
1281238	Soil	33	0.73	122	0.012	1	1.12	0.007	0.14	0.3	0.09	0.4	0.3	0.11	4	5.5	0.3
1281239	Soil	50	2.49	393	0.092	1	2.99	0.047	0.57	0.2	0.08	3.7	0.6	0.06	8	<0.5	<0.2
1281240	Soil	29	1.67	157	0.042	2	1.62	0.003	0.26	0.2	0.12	2.1	0.4	0.10	4	2.7	<0.2
1281241	Soil	12	0.24	49	0.018	<1	0.75	0.019	0.05	0.2	0.04	0.3	<0.1	0.08	3	<0.5	<0.2
1281242	Soil	32	0.79	129	0.048	1	1.89	0.008	0.14	0.7	0.06	1.9	0.2	0.10	6	1.3	<0.2
1281243	Soil	30	0.77	110	0.062	<1	1.62	0.008	0.12	0.7	0.07	1.8	0.2	0.08	6	0.6	<0.2
1281244	Soil	19	0.37	89	0.031	<1	1.68	0.014	0.08	0.7	0.06	1.3	0.2	0.11	4	1.4	<0.2
1281245	Soil	8	0.10	43	0.013	<1	0.65	0.025	0.04	<0.1	0.04	0.4	<0.1	<0.05	2	<0.5	<0.2
1281246	Soil	27	0.14	442	0.003	4	0.94	0.011	0.15	0.1	0.31	4.4	0.3	0.36	2	3.9	<0.2
1281247	Soil	23	0.17	518	0.004	6	0.69	0.010	0.07	0.1	0.24	1.3	0.3	0.16	2	2.6	<0.2
1281248	Soil	21	0.16	363	0.004	5	0.69	0.010	0.06	0.1	0.18	0.9	0.1	0.13	2	2.5	<0.2
1281249	Soil	26	0.24	393	0.005	4	0.75	0.009	0.08	0.2	0.19	2.7	0.2	0.12	2	2.5	<0.2
1281250	Soil	21	0.15	462	0.003	4	0.73	0.010	0.04	<0.1	0.15	1.0	0.1	0.16	2	1.7	<0.2
1281901	Soil	17	0.06	246	0.001	<1	0.81	0.006	0.10	<0.1	0.08	2.4	0.1	0.13	2	3.2	<0.2
1281902	Soil	16	0.14	172	0.003	2	0.69	0.004	0.06	<0.1	0.06	1.8	0.1	0.09	2	2.2	<0.2
1281903	Soil	10	0.05	387	0.002	2	0.67	0.007	0.06	<0.1	0.04	0.6	<0.1	0.08	2	0.9	<0.2
1281904	Soil	15	0.14	123	0.004	1	0.75	0.003	0.05	0.1	0.06	1.3	0.1	<0.05	3	1.6	<0.2
1281905	Soil	8	0.05	102	0.004	1	0.49	0.008	0.04	<0.1	0.12	0.6	<0.1	<0.05	2	0.9	<0.2
1281906	Soil	18	0.03	288	0.002	3	0.63	0.004	0.09	<0.1	0.06	1.2	0.1	0.09	2	2.8	<0.2
1281907	Soil	15	0.03	269	0.002	3	0.63	0.004	0.06	<0.1	0.05	1.3	0.1	<0.05	4	1.8	<0.2
1281908	Soil	19	0.11	138	0.003	2	1.00	0.003	0.06	<0.1	0.05	1.6	<0.1	<0.05	2	1.8	<0.2
1281909	Soil	17	0.17	121	0.008	1	0.92	0.004	0.05	0.2	0.04	1.1	<0.1	<0.05	4	1.4	<0.2
1281910	Soil	11	0.05	159	0.004	2	0.59	0.010	0.04	<0.1	0.04	0.3	<0.1	0.07	3	0.6	<0.2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 05, 2011

CERTIFICATE OF ANALYSIS WHI11001855.1

	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
1283991	Soil	1.1	21.7	17.7	51	<0.1	19.7	11.5	236	1.64	15.9	1.2	0.6	34	0.1	0.7	0.3	11	0.07	0.052	3
1283992	Soil	1.2	19.0	19.1	48	<0.1	17.3	11.5	291	1.46	16.6	2.2	0.6	31	<0.1	0.7	0.3	11	0.05	0.052	3
1283993	Soil	1.3	18.3	20.9	55	0.1	15.2	8.8	223	1.44	13.9	1.1	0.6	31	0.1	0.5	0.3	11	0.04	0.054	3
1283994	Soil	1.5	17.3	9.9	60	<0.1	11.7	5.5	118	1.65	13.6	1.5	0.5	16	<0.1	0.5	0.2	17	0.04	0.080	3
1283995	Soil	1.5	14.8	12.7	67	<0.1	13.1	7.1	157	1.53	18.6	2.0	0.4	21	<0.1	0.6	0.3	11	0.02	0.081	2
1283996	Soil	1.7	15.9	11.9	98	<0.1	13.2	7.0	222	1.99	19.7	1.8	0.7	15	0.1	0.9	0.3	19	0.01	0.057	2
1283997	Soil	1.4	16.5	18.2	57	<0.1	14.3	6.1	214	1.87	10.8	1.1	0.2	13	0.1	0.8	0.2	18	0.02	0.074	3
1283998	Soil	2.7	6.5	31.0	12	0.8	3.0	0.5	15	0.43	11.0	<0.5	0.2	31	<0.1	1.0	0.2	22	0.02	0.045	1
1283999	Soil	6.7	19.8	41.9	59	2.3	13.2	1.7	158	1.08	15.3	2.2	<0.1	37	0.3	2.0	0.2	42	0.17	0.118	2
1284000	Soil	5.0	13.0	71.9	20	3.0	5.9	1.0	38	0.80	16.4	4.4	0.5	47	0.2	2.1	0.2	43	0.02	0.034	2
1284271	Soil	2.8	57.4	29.9	96	0.9	23.9	7.4	329	3.93	20.4	8.7	1.8	143	0.1	1.1	0.3	28	0.02	0.104	2
1284272	Soil	2.9	36.2	17.3	98	0.3	23.6	8.8	629	2.98	16.8	4.6	0.8	23	0.2	1.3	0.2	40	0.03	0.085	4
1284273	Soil	2.8	85.0	33.8	140	0.4	40.9	34.7	1848	3.79	17.6	7.2	1.7	44	0.1	1.4	0.3	32	0.02	0.135	4
1284274	Soil	3.0	42.2	15.1	68	0.2	17.9	7.1	374	1.96	13.8	3.2	0.3	37	<0.1	1.0	0.2	33	0.06	0.081	6
1284275	Soil	6.2	83.3	61.7	67	2.6	11.9	1.7	67	3.33	37.1	7.8	0.5	228	0.3	4.7	0.2	104	0.03	0.124	4
1284276	Soil	5.4	51.2	56.3	44	3.3	9.5	1.2	40	1.72	27.6	4.8	0.4	105	0.1	3.2	0.1	66	0.02	0.073	4
1284277	Soil	6.5	28.0	52.8	50	4.5	11.2	2.1	76	1.83	37.7	5.2	0.3	65	<0.1	3.0	0.2	80	0.03	0.059	7
1284278	Soil	3.6	21.0	42.2	50	2.8	12.9	3.0	103	1.67	25.6	9.0	1.6	59	0.1	2.9	0.1	47	0.05	0.050	7
1284279	Soil	7.4	21.0	39.8	50	3.0	13.2	2.1	65	1.71	25.5	2.6	0.1	43	<0.1	2.8	0.2	71	0.03	0.067	7
1284280	Soil	3.5	35.3	65.0	18	2.6	2.9	0.2	8	1.14	28.4	1.9	0.4	129	<0.1	2.9	<0.1	52	<0.01	0.065	1
1284281	Soil	4.3	25.3	44.9	29	2.4	7.6	1.5	71	1.17	25.0	5.7	0.4	62	0.2	2.3	0.1	41	0.03	0.051	4
1284282	Soil	13.9	27.2	25.2	118	1.3	33.6	5.7	229	1.92	26.0	6.2	0.5	30	0.4	2.8	0.2	70	0.07	0.067	10
1284283	Soil	7.1	27.8	35.8	78	1.8	17.6	4.4	122	2.50	76.2	4.3	2.8	65	0.2	3.6	0.2	71	0.03	0.055	9
1284284	Soil	5.5	16.0	37.6	58	2.4	13.7	2.3	62	1.44	37.4	1.7	0.7	57	<0.1	2.6	0.2	63	0.02	0.045	6
1284285	Soil	5.0	18.4	35.6	76	1.9	16.3	3.8	116	2.22	42.5	2.9	1.1	72	0.2	2.8	0.2	72	0.05	0.069	8
1284286	Soil	4.8	21.0	23.5	47	1.5	11.0	2.1	69	1.17	14.9	2.3	0.1	38	0.4	1.5	0.2	42	0.02	0.085	5
1284287	Soil	6.4	14.8	45.9	50	1.1	9.9	2.2	55	1.12	25.6	0.7	0.1	112	0.2	1.7	0.2	52	0.04	0.114	5
1284288	Soil	3.2	10.8	17.0	38	0.9	8.2	2.0	60	0.90	11.6	1.7	0.2	42	0.2	1.1	0.1	30	0.03	0.061	4
1284289	Soil	3.2	17.5	13.2	65	0.8	11.7	3.2	217	1.13	9.7	0.8	0.1	20	1.2	1.2	0.2	40	0.02	0.059	6
1284290	Soil	4.5	22.0	20.1	95	0.7	18.6	4.0	76	2.14	19.4	1.1	0.8	28	0.4	1.9	0.2	55	0.02	0.115	6

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 05, 2011

CERTIFICATE OF ANALYSIS WHI11001855.1

	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
1283991	Soil	5	0.07	272	<0.001	<1	0.38	0.005	0.06	<0.1	0.07	1.5	0.1	<0.05	1	<0.5	<0.2
1283992	Soil	6	0.06	205	<0.001	<1	0.38	0.006	0.06	<0.1	0.05	1.3	0.2	0.06	1	<0.5	<0.2
1283993	Soil	5	0.07	286	<0.001	<1	0.45	0.007	0.06	<0.1	0.08	1.1	0.1	0.06	1	<0.5	<0.2
1283994	Soil	7	0.04	129	0.002	<1	0.59	0.010	0.05	<0.1	0.05	0.8	<0.1	<0.05	2	<0.5	<0.2
1283995	Soil	6	0.03	183	<0.001	<1	0.34	0.004	0.05	<0.1	0.08	0.9	0.1	0.07	1	<0.5	<0.2
1283996	Soil	7	0.04	141	<0.001	<1	0.45	0.004	0.06	<0.1	0.11	1.2	<0.1	0.05	2	<0.5	<0.2
1283997	Soil	11	0.09	70	0.003	<1	0.72	0.012	0.05	<0.1	0.09	0.5	0.2	<0.05	2	<0.5	<0.2
1283998	Soil	6	<0.01	96	0.002	2	0.20	0.011	0.03	<0.1	0.07	0.8	0.2	0.06	2	1.4	<0.2
1283999	Soil	10	0.02	186	0.002	3	0.31	0.008	0.06	<0.1	0.20	0.8	0.4	0.13	1	3.3	<0.2
1284000	Soil	10	0.01	194	0.002	3	0.21	0.003	0.07	<0.1	0.08	0.7	0.6	0.15	1	3.8	<0.2
1284271	Soil	25	0.12	324	0.002	2	0.97	0.009	0.07	<0.1	0.21	2.2	0.2	0.10	3	2.9	0.2
1284272	Soil	20	0.13	239	0.004	2	0.84	0.003	0.08	<0.1	0.27	1.5	0.1	0.07	3	1.0	<0.2
1284273	Soil	24	0.28	244	0.004	<1	1.23	0.009	0.06	<0.1	0.11	2.2	0.1	0.05	3	0.9	<0.2
1284274	Soil	18	0.13	169	0.005	1	0.92	0.010	0.06	<0.1	0.08	0.8	0.1	0.06	3	1.0	<0.2
1284275	Soil	26	0.05	1143	0.005	1	0.48	0.002	0.04	<0.1	0.14	1.2	0.2	<0.05	2	9.2	<0.2
1284276	Soil	18	0.03	618	0.005	<1	0.34	0.003	0.04	<0.1	0.19	0.8	0.1	<0.05	2	10.9	<0.2
1284277	Soil	19	0.08	352	0.010	<1	0.48	0.004	0.07	0.2	0.14	0.8	0.4	0.12	4	4.7	0.3
1284278	Soil	17	0.16	314	0.013	<1	0.55	0.004	0.05	0.1	0.16	1.0	0.5	0.09	3	3.6	<0.2
1284279	Soil	18	0.05	240	0.009	<1	0.39	0.004	0.05	0.2	0.12	0.4	0.3	0.09	4	4.1	<0.2
1284280	Soil	18	<0.01	924	0.002	<1	0.23	0.001	0.03	<0.1	0.15	1.0	0.1	<0.05	2	11.2	<0.2
1284281	Soil	14	0.08	361	0.007	<1	0.36	0.004	0.04	<0.1	0.11	0.7	0.3	0.06	2	4.1	<0.2
1284282	Soil	19	0.19	253	0.009	2	0.73	0.005	0.06	0.2	0.34	1.2	0.6	<0.05	3	1.7	<0.2
1284283	Soil	20	0.16	270	0.018	<1	0.95	0.003	0.04	0.2	0.24	1.6	0.4	<0.05	3	3.4	<0.2
1284284	Soil	13	0.05	212	0.010	1	0.41	0.002	0.03	0.1	0.16	0.9	0.5	<0.05	3	2.0	<0.2
1284285	Soil	19	0.15	338	0.015	1	0.72	0.003	0.04	0.2	0.18	1.2	0.4	<0.05	4	2.2	<0.2
1284286	Soil	14	0.03	255	0.005	<1	0.67	0.011	0.04	<0.1	0.13	0.2	0.3	<0.05	3	1.4	<0.2
1284287	Soil	11	0.03	1024	0.006	1	0.43	0.004	0.05	<0.1	0.09	0.4	0.3	<0.05	3	2.2	<0.2
1284288	Soil	7	0.03	296	0.005	1	0.45	0.012	0.03	<0.1	0.06	0.4	0.2	<0.05	2	1.0	<0.2
1284289	Soil	8	0.03	195	0.004	<1	0.47	0.008	0.04	<0.1	0.03	0.4	0.2	<0.05	2	0.6	<0.2
1284290	Soil	13	0.08	220	0.007	1	0.66	0.005	0.04	0.1	0.05	1.4	0.2	<0.05	3	1.1	<0.2

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

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 05, 2011

QUALITY CONTROL REPORT WHI11001855.1

	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																					
1288383	Soil	9.2	22.0	8.6	95	0.3	22.5	3.8	64	0.97	13.6	1.2	0.2	7	0.2	1.9	0.1	39	0.06	0.046	4
REP 1288383	QC	9.3	22.4	9.1	94	0.3	21.9	3.9	63	0.96	13.5	1.7	0.1	7	0.2	1.8	0.1	38	0.06	0.047	4
1288580	Soil	1.5	19.6	6.5	78	0.3	22.7	1.7	70	0.86	3.3	2.2	0.3	56	1.2	0.7	<0.1	10	0.78	0.072	2
REP 1288580	QC	1.5	20.4	6.4	78	0.3	22.7	1.7	70	0.86	3.4	1.6	0.3	54	1.1	0.7	<0.1	11	0.79	0.072	2
1288596	Soil	8.1	34.5	11.2	711	0.5	92.5	9.0	161	1.61	11.4	2.6	1.4	79	1.8	2.1	0.2	46	1.30	0.066	5
REP 1288596	QC	8.0	34.6	11.2	712	0.5	93.8	9.2	162	1.63	11.5	2.2	1.4	79	1.8	2.1	0.2	46	1.30	0.064	5
1288790	Soil	59.6	33.2	9.2	275	<0.1	107.3	7.2	97	1.94	21.4	<0.5	0.4	8	1.3	5.1	0.2	185	0.06	0.140	9
REP 1288790	QC	58.6	32.4	9.4	282	<0.1	106.8	6.9	92	1.85	21.0	0.7	0.5	9	1.1	5.2	0.1	181	0.06	0.137	9
1288889	Soil	24.3	27.2	12.3	373	0.3	53.7	4.2	32	1.41	23.9	1.4	0.4	5	0.4	8.3	0.2	122	0.01	0.040	7
REP 1288889	QC	24.3	26.4	12.0	380	0.3	53.1	4.0	32	1.39	23.7	1.5	0.4	5	0.4	8.6	0.2	124	0.01	0.041	7
1288407	Soil	1.4	40.7	7.5	65	<0.1	149.6	23.1	401	3.77	7.0	<0.5	1.6	34	0.2	0.4	<0.1	69	0.74	0.165	38
REP 1288407	QC	1.5	41.0	7.5	63	<0.1	145.6	22.8	396	3.71	7.0	1.1	1.5	34	0.2	0.4	<0.1	68	0.73	0.168	38
1288205	Soil	143.0	155.6	18.6	1802	2.0	326.8	6.7	141	1.47	99.4	1.6	2.9	323	21.5	44.1	0.1	1009	12.61	0.112	16
REP 1288205	QC	143.7	161.7	18.6	1841	2.0	339.1	6.9	147	1.53	102.1	1.6	3.0	327	22.1	44.2	0.2	1113	12.49	0.119	17
1288213	Soil	23.9	139.7	26.3	1016	0.9	524.1	73.2	1136	8.54	222.3	6.8	7.7	146	14.3	12.2	0.2	304	1.97	0.498	88
REP 1288213	QC	24.8	139.9	25.6	1029	0.9	529.4	75.8	1138	8.77	222.0	2.7	7.7	147	14.4	12.1	0.2	328	1.98	0.491	89
1288230	Soil	16.3	89.0	21.7	508	1.0	291.8	34.4	563	4.79	170.3	3.3	7.4	120	4.4	8.5	0.2	123	2.14	0.307	39
REP 1288230	QC	15.2	88.7	21.8	507	1.0	297.2	36.3	569	4.84	174.1	2.3	7.5	123	4.0	8.7	0.2	123	2.16	0.303	38
1288249	Soil	16.2	24.7	37.7	64	1.9	19.6	2.4	34	2.31	68.3	8.7	0.4	64	0.3	9.5	0.2	76	0.06	0.106	4
REP 1288249	QC	17.1	25.9	37.9	65	1.9	20.4	2.5	34	2.27	68.8	8.4	0.3	64	0.2	9.4	0.2	72	0.05	0.111	4
1281235	Soil	1.5	13.4	4.4	39	0.5	8.6	1.3	23	0.46	27.3	3.0	<0.1	6	0.2	0.7	<0.1	18	0.09	0.034	2
REP 1281235	QC	1.5	13.2	4.4	38	0.5	8.4	1.3	22	0.45	26.7	1.5	<0.1	7	0.2	0.7	<0.1	19	0.09	0.037	2
1281901	Soil	2.7	65.7	18.6	184	0.9	52.2	10.2	183	3.91	21.8	7.1	2.2	62	0.5	1.6	0.3	24	0.02	0.097	4
REP 1281901	QC	2.6	67.3	18.9	188	0.9	54.6	10.2	182	3.94	22.8	3.0	2.3	60	0.5	1.5	0.3	26	0.02	0.102	4
1283996	Soil	1.7	15.9	11.9	98	<0.1	13.2	7.0	222	1.99	19.7	1.8	0.7	15	0.1	0.9	0.3	19	0.01	0.057	2
REP 1283996	QC	1.8	16.2	12.2	100	<0.1	12.6	7.2	234	1.93	20.3	<0.5	0.7	15	0.2	0.7	0.3	20	0.01	0.056	2
Reference Materials																					
STD DS8	Standard	12.3	118.4	133.4	315	1.9	38.6	7.5	630	2.52	27.1	113.1	7.1	56	2.7	4.8	5.2	42	0.66	0.081	13

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 05, 2011

QUALITY CONTROL REPORT WHI11001855.1

	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																	
1288383	Soil	7	0.03	109	0.002	2	0.27	0.008	0.04	<0.1	0.06	0.4	0.2	<0.05	2	0.8	<0.2
REP 1288383	QC	7	0.03	107	0.002	1	0.28	0.009	0.04	<0.1	0.05	0.4	0.2	<0.05	2	<0.5	<0.2
1288580	Soil	6	0.06	747	0.005	2	0.37	0.019	0.02	<0.1	0.10	0.9	<0.1	0.13	<1	1.6	<0.2
REP 1288580	QC	6	0.06	745	0.006	2	0.37	0.019	0.02	<0.1	0.10	0.9	<0.1	0.14	<1	1.4	<0.2
1288596	Soil	14	0.15	848	0.001	4	0.64	0.006	0.05	<0.1	0.20	2.7	0.4	0.20	2	2.1	<0.2
REP 1288596	QC	14	0.15	857	0.001	3	0.64	0.006	0.05	<0.1	0.20	2.7	0.4	0.18	2	1.8	<0.2
1288790	Soil	25	0.20	311	0.004	5	0.88	0.006	0.08	0.2	0.02	0.9	2.0	0.09	3	2.2	<0.2
REP 1288790	QC	25	0.20	311	0.004	5	0.87	0.006	0.08	0.2	0.03	0.8	2.1	0.08	3	1.9	<0.2
1288889	Soil	10	0.02	71	0.001	2	0.32	0.002	0.04	0.1	0.11	0.4	0.3	<0.05	2	2.7	<0.2
REP 1288889	QC	10	0.02	78	0.001	2	0.34	0.002	0.04	0.1	0.11	0.5	0.3	<0.05	2	3.1	<0.2
1288407	Soil	126	0.50	1981	0.007	3	1.35	0.018	0.04	0.1	0.04	7.3	<0.1	<0.05	4	0.8	<0.2
REP 1288407	QC	127	0.51	1999	0.009	3	1.35	0.019	0.04	<0.1	0.04	7.3	<0.1	0.05	4	<0.5	<0.2
1288205	Soil	51	1.68	300	0.008	9	0.46	0.007	0.15	0.4	0.81	3.0	4.9	<0.05	2	10.0	<0.2
REP 1288205	QC	57	1.78	310	0.009	12	0.52	0.007	0.17	0.4	0.87	2.9	5.3	0.05	2	9.0	0.3
1288213	Soil	178	0.46	3673	0.008	16	1.11	0.006	0.13	0.3	1.90	19.3	0.5	0.10	3	5.3	<0.2
REP 1288213	QC	193	0.48	3917	0.009	18	1.18	0.006	0.15	0.4	1.91	19.9	0.6	0.08	4	3.7	<0.2
1288230	Soil	66	0.85	2455	0.003	13	0.70	0.006	0.15	<0.1	1.30	9.4	0.4	0.06	2	2.0	<0.2
REP 1288230	QC	65	0.86	2415	0.003	11	0.67	0.007	0.15	<0.1	1.27	9.6	0.4	<0.05	2	1.9	<0.2
1288249	Soil	17	0.03	482	0.003	2	0.34	0.007	0.11	0.1	0.82	0.9	1.1	0.20	2	10.3	0.3
REP 1288249	QC	17	0.03	487	0.002	1	0.33	0.007	0.10	<0.1	0.78	1.0	1.1	0.19	2	9.9	0.2
1281235	Soil	9	0.10	48	0.005	<1	0.32	0.021	0.03	<0.1	0.06	0.1	<0.1	<0.05	1	<0.5	<0.2
REP 1281235	QC	9	0.10	49	0.005	<1	0.32	0.022	0.04	<0.1	0.05	0.1	<0.1	<0.05	1	<0.5	<0.2
1281901	Soil	17	0.06	246	0.001	<1	0.81	0.006	0.10	<0.1	0.08	2.4	0.1	0.13	2	3.2	<0.2
REP 1281901	QC	17	0.07	274	0.002	3	0.83	0.006	0.11	<0.1	0.08	2.8	0.1	0.13	2	2.8	<0.2
1283996	Soil	7	0.04	141	<0.001	<1	0.45	0.004	0.06	<0.1	0.11	1.2	<0.1	0.05	2	<0.5	<0.2
REP 1283996	QC	8	0.04	143	<0.001	4	0.46	0.004	0.06	<0.1	0.10	1.1	<0.1	0.05	2	<0.5	<0.2
Reference Materials																	
STD DS8	Standard	121	0.62	271	0.109	2	0.88	0.086	0.42	2.9	0.18	2.3	5.2	0.17	5	5.6	4.7

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 05, 2011

QUALITY CONTROL REPORT WHI11001855.1

		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	12.6	110.7	132.6	313	1.8	39.6	7.7	616	2.49	26.8	118.6	6.5	70	2.6	5.9	6.4	44	0.70	0.081	15
STD DS8	Standard	13.2	107.4	126.7	312	1.8	37.6	7.3	598	2.41	26.6	108.1	6.4	64	2.2	5.5	6.3	41	0.70	0.083	16
STD DS8	Standard	12.4	107.8	125.5	289	1.7	35.2	7.3	554	2.25	25.8	102.5	6.5	68	2.3	5.4	6.5	38	0.63	0.072	13
STD DS8	Standard	12.0	104.4	116.9	283	1.8	36.4	7.0	567	2.30	24.9	105.3	6.2	55	2.1	4.9	5.2	41	0.62	0.073	14
STD DS8	Standard	12.1	100.1	122.1	286	1.7	35.4	6.9	589	2.34	24.1	102.7	7.0	76	2.0	5.3	5.8	40	0.69	0.075	16
STD DS8	Standard	12.3	104.4	126.9	298	1.7	38.1	7.3	585	2.36	25.4	111.3	7.2	65	2.2	5.4	6.8	41	0.66	0.076	14
STD DS8	Standard	12.4	101.8	122.8	298	1.6	35.8	6.9	582	2.36	24.9	113.2	6.2	73	2.3	5.2	6.6	41	0.66	0.082	14
STD DS8	Standard	12.6	104.5	124.0	309	1.7	35.5	7.3	674	2.43	25.4	108.3	6.6	63	2.3	5.1	6.2	40	0.71	0.081	16
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	0.02	<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
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

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.

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: **Colorado Resources Ltd.**
110 - 2300 Carrington Road
West Kelowna BC V4T 2N6 Canada

Project: Oro Property
Report Date: December 05, 2011

QUALITY CONTROL REPORT WHI11001855.1

		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	123	0.63	287	0.124	3	0.95	0.097	0.42	3.1	0.20	2.3	5.7	0.17	5	5.3	5.8
STD DS8	Standard	113	0.62	272	0.109	2	0.92	0.101	0.42	2.9	0.20	2.2	5.4	0.19	5	4.7	5.0
STD DS8	Standard	106	0.58	272	0.111	2	0.91	0.112	0.37	2.7	0.21	2.2	5.3	0.10	5	5.0	4.6
STD DS8	Standard	113	0.56	249	0.101	1	0.85	0.082	0.39	2.7	0.21	1.9	5.1	0.13	4	4.8	4.3
STD DS8	Standard	109	0.60	267	0.118	2	0.91	0.095	0.40	2.9	0.19	2.3	5.0	0.08	5	4.3	4.6
STD DS8	Standard	114	0.57	258	0.112	3	0.87	0.087	0.40	2.8	0.18	2.3	5.1	0.12	4	5.0	4.5
STD DS8	Standard	110	0.65	254	0.107	3	0.90	0.092	0.41	3.0	0.21	2.1	5.2	0.17	5	5.5	4.2
STD DS8	Standard	114	0.62	288	0.115	3	0.93	0.092	0.42	3.0	0.20	2.1	5.4	0.18	4	3.9	5.2
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
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

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.

Report #11046

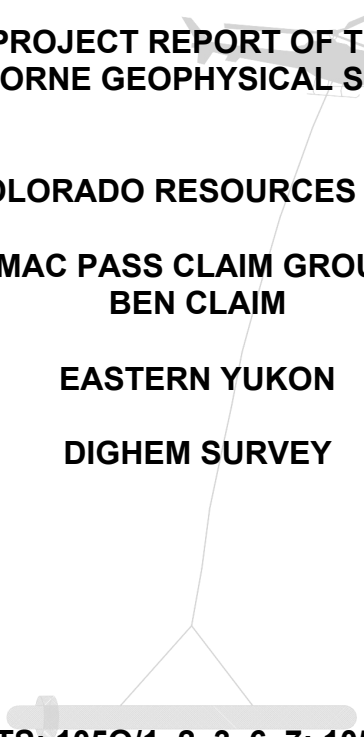
PROJECT REPORT OF THE AIRBORNE GEOPHYSICAL SURVEY

COLORADO RESOURCES LTD.

MAC PASS CLAIM GROUP
BEN CLAIM

EASTERN YUKON

DIGHEM SURVEY



NTS: 105O/1, 2, 3, 6, 7; 105P/4

Fugro Airborne Surveys Corp.
Mississauga, Ontario
November 30th, 2011

Fugro Airborne Surveys, 2505 Meadowvale Boulevard, Mississauga, Ontario, Canada, L5N 5S2
Phone: 1 905 812 0212, Fax: 1 905 812 1504

SUMMARY

This report describes the logistics, data acquisition, processing and presentation of results of a DIGHEM airborne geophysical survey carried out for Colorado Resources Ltd. over the Mac Pass Claim Group and the Ben Claim areas located in the eastern Yukon. The survey was flown from July 11th to August 4th, 2011. Total coverage of the survey blocks amounted to 3064.0 line-km.

The purpose of this airborne survey was to map the magnetic and conductive properties of the survey areas, and use these properties to detect possible zones of mineralization. This was accomplished by using a DIGHEM multi-coil, multi-frequency electromagnetic system, supplemented by a high sensitivity cesium magnetometer. A GPS electronic navigation system ensured accurate positioning of the geophysical data with respect to the base maps.

The survey data were processed and compiled in the Fugro Airborne Surveys Toronto office. Map products and digital data were provided in accordance with the scales and formats specified in the Survey Agreement.

The total field magnetic and apparent resistivity data sets have successfully mapped the magnetic and conductive characteristics of the lithologies in the survey areas.

Discrete EM anomalies have been interpreted from the electromagnetic data. They have been interpreted to fall within one of two general categories. The first type consists of discrete, well-defined anomalies, which are usually attributed to conductive sulphides or graphite. The second class of anomalies comprises moderately broad responses, which exhibit the characteristics of a half space. Some of these anomalies may reflect conductive rock units or zones of deep weathering.

The survey properties contain many anomalous features, some of which may be considered as exploration targets. Several anomalous zones appear to warrant further investigation using appropriate surface exploration techniques. Areas of interest may be assigned priorities on the basis of supporting geophysical, geochemical and/or geological information. After initial investigations have been carried out, it may be necessary to re-evaluate the remaining anomalies based on information acquired from the follow-up program.

It is recommended that the survey results be reviewed in detail, in conjunction with all available geophysical, geological and geochemical information. Image processing of existing geophysical data should be considered, in order to extract the maximum amount of information from the survey results.

CONTENTS

1. INTRODUCTION 1.1

2. SURVEY OPERATIONS 2.1

3. SURVEY EQUIPMENT 3.1
Electromagnetic System 3.1
In-Flight EM System Calibration 3.2
Airborne Magnetometer 3.2
Magnetic Base Station 3.3
Navigation (Global Positioning System) 3.4
Radar Altimeter 3.5
Laser Altimeter 3.5
Barometric Pressure and Temperature Sensors 3.5
Digital Data Acquisition System 3.6
Video Flight Path Recording System 3.6

4. QUALITY CONTROL AND IN-FIELD PROCESSING 4.1
Navigation 4.1
Flight Path 4.1
Clearance 4.1
Flying Speed 4.2
Airborne High Sensitivity Magnetometer 4.2
Magnetic Base Station 4.2
Electromagnetic Data 4.2

5. DATA PROCESSING 5.1
Flight Path Recovery 5.1
Electromagnetic Data 5.1
Apparent Resistivity 5.4
Residual Magnetic Field 5.5
Calculated Vertical Magnetic Gradient (First Vertical Derivative) 5.6
Digital Elevation 5.6
Contour, Colour and Shadow Map Displays 5.6

6. PRODUCTS 6.1
Base Maps 6.1
Additional Products 6.2

7. SURVEY RESULTS 7.1

Mac Pass Claim Group 7.1
Ben Claim 7.7

8. CONCLUSIONS AND RECOMMENDATIONS 8.1

APPENDICES

A. List of Personnel
B. Background Information
C. Data Processing
D. Glossary
E. Archive Description

LIST OF TABLES

Table 1-1 Survey Coverage 1-1
Table 2-1 The Area Corners 2-1
Table 2-2 Survey Specifications 2-4
Table 3-1 Magnetic Base Station Location 3-4
Table 3-2 GPS Base Station Locations 3-5
Table 4-1 The EM System Noise Specifications 4-2
Table 5-1 EM Anomaly Interpretation 5-2
Table 6-1 Survey Products 6-2
Table 7-1 EM Anomaly Statistics Mac Pass Claims Group 7-2
Table 7-2 EM Anomaly Statistics Ben Claim 7-3
Table B-1 EM Anomaly Grades B-3

LIST OF FIGURES

Figure 1-1 Fugro Airborne Surveys DIGHEM EM Bird 1-2
Figure 2-1 Location Map and Sheet Layout 2-5
Figure 7-1 Line 10130 7-4
Figure 7-2 Line 10500 7-5
Figure 7-3 Shadowed Calculated First Vertical Derivative 7-6
Figure B-1 Typical HEM Anomaly Shapes B-2

1. INTRODUCTION

A DIGHEM electromagnetic/resistivity/magnetic survey was flown for Colorado Resources Ltd. The survey was flown from July 11th to August 4th, 2011 over the Mac Pass Claim Group and the Ben Claim areas, located in the eastern Yukon. The survey areas are located on NTS map sheets 105 O/1, 2, 3, 6, 7 and 105 P/4 (Figure 2-1).

Survey coverage consisted of approximately 3064.0 line-km including 283.8 line-km of tie lines. Flight lines were flown with a line separation of 200 metres for both areas. Tie lines were flown perpendicular to the flight direction, with a line spacing of 2000 metres, also for both areas. The flight direction and breakdown of kilometres flown per block are given below in table 1-1.

Table 1-1 Survey Coverage

Block	Flight line direction	Tie line direction	Traverse Line (km)	Tie Line (km)	Total
Mac Pass Claim Group	30°/210°	120°/300°	2695.6	272.4	2968.0
Ben Claim	27°/207°	117°/297°	84.6	11.4	96.0
TOTAL			2780.2	283.8	3064.0

The survey employed the DIGHEM electromagnetic system. Ancillary equipment consisted of a high sensitivity cesium magnetometer, radar and laser altimeters, video camera, digital data recorder, and an electronic navigation system. The instrumentation was installed in an AS-350-B2 turbine helicopter (Registration C-GJIX) that was provided by Questral Helicopters Ltd. The helicopter flew with a nominal EM sensor height of approximately 35 metres.



Figure 1-1: Fugro Airborne Surveys DIGHEM EM Bird

2. SURVEY OPERATIONS

The survey areas are located on NTS map sheets 105 O/1, 2, 3, 6, 7 and 105 P/4 (Figure 2-1).

Table 2-1 lists the corner coordinates of the survey area in NAD83, UTM Zone 9N, central meridian 129°W.

Table 2-1 The Area Corners

Block	Corners	X-UTM (E)	Y-UTM (N)
11046-1	1	387150	7022700
Mac Pass	2	388150	7024432
Claim Group	3	388914	7023991
	4	389193	7024337
	5	390193	7026069
	6	391186	7025496
	7	391650	7026300
	8	391928	7026300
	9	392509	7027022
	10	392847	7026750
	11	403350	7026750
	12	403350	7026300
	13	406050	7026300
	14	406050	7025850
	15	407850	7025850
	16	407850	7025400
	17	410550	7025400
	18	410550	7024950
	19	414150	7024950
	20	414150	7016400
	21	415050	7016400
	22	415050	7015950
	23	415950	7015950
	24	415950	7015500
	25	416850	7015500
	26	416850	7015050
	27	418650	7015050
	28	418650	7014600
	29	419550	7014600
	30	419550	7013700
	31	417699	7013700

Block	Corners	X-UTM (E)	Y-UTM (N)
	32	415950	7010671
	33	415950	7009650
	34	416850	7009650
	35	416850	7008750
	36	422583	7008751
	37	423189	7009800
	38	423652	7009790
	39	423639	7009333
	40	423303	7008750
	41	424050	7008750
	42	424050	7007850
	43	426750	7007850
	44	426750	7007400
	45	427650	7007400
	46	427650	7006950
	47	430800	7006950
	48	430800	7004700
	49	432600	7004700
	50	432600	7004250
	51	434400	7004250
	52	434400	7003800
	53	433950	7003021
	54	433950	7001100
	55	434400	7001100
	56	434400	6999300
	57	438000	6999300
	58	438000	6997950
	59	438900	6997950
	60	438900	6997050
	61	439800	6997050
	62	439800	6993000
	63	430800	6993000
	64	430800	7000200
	65	429900	7000200
	66	429900	7001100
	67	429000	7001100
	68	429000	7001550
	69	428100	7001550
	70	428100	7002450

Block	Corners	X-UTM (E)	Y-UTM (N)
	71	427200	7002450
	72	427200	7002900
	73	426300	7002900
	74	426300	7003350
	75	425400	7003350
	76	425400	7003800
	77	424500	7003800
	78	424500	7004250
	79	423150	7004250
	80	423150	7005150
	81	415050	7005150
	82	415050	7010100
	83	411450	7010100
	84	411450	7010550
	85	405150	7010550
	86	405150	7011000
	87	399750	7011000
	88	399750	7011900
	89	397950	7011900
	90	397950	7014150
	91	392550	7014150
	92	392550	7017300
	93	391650	7017300
	94	391650	7018200
	95	390750	7018200
	96	390750	7018650
	97	389850	7018650
	98	389850	7019550
	99	388950	7019550
	100	388950	7020000
	101	388050	7020000
	102	388050	7020450
	103	387150	7020450
11046-2	1	447936	7000006
Ben Claim	2	451144	6998372
	3	449101	6994362
	4	445893	6995996

The survey specifications are given below in table 2-2.

Table 2-2 Survey Specifications

Parameter	Specifications
Sample interval (EM and magnetics)	10 Hz, 3.3 m @ 120 km/h
Aircraft mean terrain clearance	60 m
EM sensor mean terrain clearance	35 m
Mag sensor mean terrain clearance	35 m
Navigation (guidance)	±5 m, Real-time GPS
Post-survey flight path	±1 m, Differential GPS

The base of operations for the survey was established in Macmillan Pass for the duration of the survey flying.

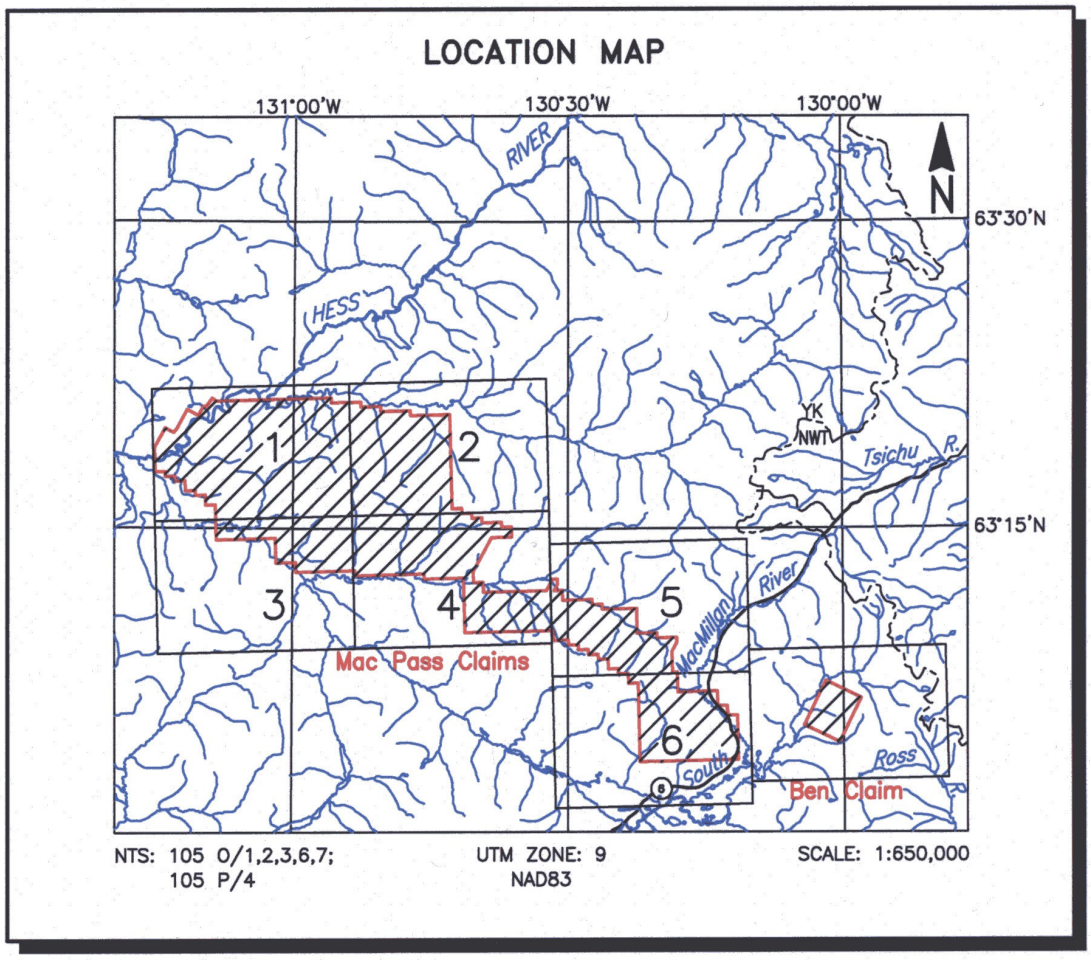


Figure 2-1
Location Map and Sheet Layout
Mac Pass Claim Group and Ben Claim Areas
Eastern Yukon
Job # 11046

3. SURVEY EQUIPMENT

This section provides a brief description of the geophysical instruments used to acquire the survey data and the calibration procedures employed. The geophysical equipment was installed in an AS-350-B2 turbine helicopter. This aircraft provided a safe and efficient platform for surveys of this type.

Electromagnetic System

Model: DIGHEM

Type: Towed bird, symmetric dipole configuration operated at a nominal survey altitude of 35 metres. Coil separation is 8 metres for 900 Hz, 1000 Hz, 5500 Hz and 7200 Hz, and 6.3 metres for the 56,000 Hz coil-pair.

Coil orientations, frequencies and dipole moments

Atm^2	orientation		nominal	actual
211	coaxial	/	1000 Hz	1117 Hz
211	coplanar	/	900 Hz	832 Hz
67	coaxial	/	5500 Hz	5909 Hz
56	coplanar	/	7200 Hz	7490 Hz
15	coplanar	/	56 000 Hz	56 270 Hz

Channels recorded:
5 in-phase channels
5 quadrature channels
2 monitor channels

Sensitivity:

0.12 ppm at	1000 Hz Cx
0.12 ppm at	900 Hz Cp
0.24 ppm at	5500 Hz Cx
0.24 ppm at	7200 Hz Cp
0.44 ppm at	56 000 Hz Cp

Sample rate: 10 per second, equivalent to 1 sample every 3.3 m, at a survey speed of 120 km/h.

The electromagnetic system utilizes a multi-coil coaxial/coplanar technique to energize conductors in different directions. The coaxial coils are vertical with their axes in the flight direction. The coplanar coils are horizontal. The secondary fields are sensed simultaneously by means of receiver coils that are maximum coupled to their respective transmitter coils. The system yields an in-phase and a quadrature channel from each transmitter-receiver coil-pair.

In-Flight EM System Calibration

Calibration of the system during the survey uses the Fugro AutoCal automatic, internal calibration process. At the beginning and end of each flight, and at intervals during the flight, the system is flown up to high altitude to remove it from any “ground effect” (response from the earth). Any remaining signal from the receiver coils (base level) is measured as the zero level, and is removed from the data collected until the time of the next calibration. Following the zero level setting, internal calibration coils, for which the response phase and amplitude have been determined at the factory, are automatically triggered – one for each frequency. The on-time of the coils is sufficient to determine an accurate response through any ambient noise. The receiver response to each calibration coil “event” is compared to the expected response (from the factory calibration) for both phase angle and amplitude, and any phase and gain corrections are automatically applied to bring the data to the correct value.

In addition, the outputs of the transmitter coils are continuously monitored during the survey, and the gains are adjusted to correct for any change in transmitter output.

Because the internal calibration coils are calibrated at the factory (on a resistive half-space) ground calibrations using external calibration coils on-site are not necessary for system calibration. A check calibration may be carried out on-site to ensure all systems are working correctly. All system calibrations will be carried out in the air, at sufficient altitude that there will be no measurable response from the ground.

The internal calibration coils are rigidly positioned and mounted in the system relative to the transmitter and receiver coils. In addition, when the internal calibration coils are calibrated at the factory, a rigid jig is employed to ensure accurate response from the external coils.

Using real time Fast Fourier Transforms and the calibration procedures outlined above, the data are processed in real time, from measured total field at a high sampling rate, to in-phase and quadrature values at 10 samples per second.

Airborne Magnetometer

Model:	Fugro D1344 processor with Scintrex CS3 sensor
Type:	Optically pumped cesium vapour
Sensitivity:	0.01 nT
Sample rate:	10 per second

The magnetometer sensor is housed in the EM bird, 25 m below the helicopter.

Magnetic Base Station

Model:	CF1 base station with timing provided by integrated GPS	
Sensor type:	Scintrex CS2	
Counter specifications:	Accuracy:	±0.25 nT
	Resolution:	0.01 nT
	Sample rate	1 Hz
GPS specifications:	Model:	Marconi Allstar
	Type:	Code and carrier tracking of L1 band, 12-channel, C/A code at 1575.42 MHz
	Sensitivity:	-90 dBm, 1.0 second update
	Accuracy:	Manufacturer's stated accuracy for differential corrected GPS is 2 metres

Environmental
Monitor specifications: Temperature:

- Accuracy: ±1.5°C max
- Resolution: 0.0305°C
- Sample rate: 1 Hz
- Range: -40°C to +75°C

Barometric pressure:

- Model: Motorola MPXA4115A
- Accuracy: ±3.0° kPa max (-20°C to 105°C temp. ranges)
- Resolution: 0.013 kPa
- Sample rate: 1 Hz
- Range: 55 kPa to 108 kPa

Backup

Model:	GEM Systems GSM-19
Type:	Digital recording proton precession
Sensitivity:	0.10 nT
Sample rate:	3 second intervals

A digital recorder is operated in conjunction with the base station magnetometer to record the diurnal variations of the earth's magnetic field. The clock of the base station is synchronized with that of the airborne system, using GPS time, to permit subsequent removal of diurnal drift. The CF1 was the primary magnetic base station. The location of the primary base station is given below in table 3-1.

Table 3-1 Magnetic Base Station Location

Status	Location Name	WGS84 Latitude	WGS84 Longitude	Date Set Up
Primary	Mac Pass	N63 05 58.99974	W130 12 46.51958	13-Jul-11

Navigation (Global Positioning System)

Airborne Receiver

Model:	Novatel OEM4/V
Type:	Code and carrier tracking of L1-C/A code at 1575.42 MHz and L2-P code at 1227.0 MHz. 24-channel
Sample rate:	0.5 second update
Accuracy:	Better than 1 metre in differential mode
Antenna:	mounted on the tail of the aircraft

Primary Base Station for Post-Survey Differential Correction

Model:	Novatel OEM4/V
Type:	Code and carrier tracking of L1-C/A code at 1575.42 MHz and L2-P code at 1227.0 MHz, 24-channel
Sample rate:	0.5 second update
Accuracy:	Manufacturer's stated accuracy for differential corrected GPS is better than 1 metre

Secondary GPS Base Station

Model:	Marconi Allstar OEM, CMT-1200, part of CF1 base station
Type:	Code and carrier tracking of L1 band, 12-channel, C/A code at 1575.42 MHz
Sensitivity:	-90 dBm, 1.0 second update
Accuracy:	Manufacturer's stated accuracy for differential corrected GPS is 2 metres

The Novatel OEM4 is a line of sight, satellite navigation system that utilizes time-coded signals from at least four of forty-eight available satellites. Both Russian GLONASS and American NAVSTAR satellite constellations are used to calculate the position and to provide real time guidance to the helicopter. A Novatel OEM4 GPS unit was also used as the primary base station. A Marconi Allstar GPS unit, part of the CF-1, was used as the secondary base station. The mobile and base station raw XYZ data were recorded, thereby permitting post-survey differential corrections for theoretical accuracies of better than 1 metre. Each base station receiver is able to calculate its own latitude and longitude. The locations of the base stations are given below in table 3-2.

Table 3-2 GPS Base Station Locations

Status	Location Name	WGS84 Latitude	WGS84 Longitude	Orthometric Height (m)	Date Set Up
Primary	Mac Pass	63 05 59.22527	130 12 46.44419	1138.510	13-Jul-11
Secondary	Mac Pass	63 05 58.99974	130 12 46.51958	1134.655	13-Jul-11

The GPS records data relative to the WGS84 ellipsoid, which is the basis of the revised North American Datum (NAD83). Conversion software is used to transform the WGS84 coordinates to the UTM system displayed on the maps.

Radar Altimeter

Manufacturer: Honeywell/Sperry
Model: RT300/AT220
Type: Short pulse modulation, 4.3 GHz
Sensitivity: 0.3 m
Sample rate: 2 per second

The radar altimeter measures the vertical distance between the helicopter and the ground.

Laser Altimeter

Manufacturer: Optech
Model: ADMGPA100
Type: Fixed pulse repetition rate of 2 kHz
Sensitivity: ±5 cm from 10ºC to 30ºC
±10 cm from -20ºC to +50ºC

Sample rate: 2 per second

The laser altimeter is housed in the EM bird, and measures the distance from the EM bird to ground, except in areas of dense tree cover.

Barometric Pressure and Temperature Sensors

Model: DIGHEM D1300
Type: Motorola MPX4115AP analog pressure sensor
AD592AN high-impedance remote temperature sensors
Sensitivity: Pressure: 150 mV/kPa
Temperature: 100 mV/°C or 10 mV/°C (selectable)

Sample rate: 10 per second

The D1300 circuit is used in conjunction with one barometric sensor and up to three temperature sensors. Two sensors (baro and temp) are installed in the EM console in the aircraft, to monitor pressure (1KPA) and internal operating temperatures (2TDC).

Digital Data Acquisition System

Manufacturer:	Fugro
Model:	HELIDAS
Recorder:	Compact Flash Card

The stored data are downloaded to the field workstation PC at the survey base, for verification, backup and preparation of in-field products.

Video Flight Path Recording System

Type:	Panasonic WVCD/32 Colour camera
Recorder:	Axis 241S video server and tablet computer

Fiducial numbers are recorded continuously and are displayed on the margin of each image. This procedure ensures accurate correlation of data with respect to visible features on the ground.

4. QUALITY CONTROL AND IN-FIELD PROCESSING

Digital data for each flight were transferred to the field workstation, in order to verify data quality and completeness. A database was created and updated using Geosoft Oasis Montaj and proprietary Fugro Atlas software. This allowed the field personnel to calculate, display and verify both the positional (flight path) and geophysical data on a screen or printer. The initial database was examined as a preliminary assessment of the data acquired for each flight.

In-field processing of Fugro survey data consists of differential corrections to the airborne GPS data, verification of EM calibrations, drift correction of the raw airborne EM data, spike rejection and filtering of all geophysical and ancillary data, verification of the digital flight path recordings, calculation of preliminary resistivity data, diurnal correction, and preliminary levelling of magnetic data.

All data, including base station records, were checked on a daily basis to ensure compliance with the survey contract specifications. Reflights were required if any of the following specifications were not met.

Navigation

A specialized GPS system provided in-flight navigation control. The system determined the absolute position of the helicopter by monitoring the range information of twelve channels (satellites). Novatel's OEM4/V receiver was used for this application. The OEM4/V receiver is WAAS-enabled (Wide Area Augmentation System) providing better real-time positioning.

A Novatel OEM4 GPS base station was used that recorded pseudo-range, carrier phase, ephemeris, and timing information for up to 12 NAVSTAR GPS satellites at a one second interval. Recording was via flash disk.

Flight Path

The flight lines did not deviate from the intended flight path by more than 25% of the planned flight path over a distance of more than 1 kilometre. Flight specifications were based on GPS positional data recorded at the helicopter.

Clearance

Survey elevations did not deviate by more than +/- 20% over a distance of 2 kilometres from the contracted elevation.

Survey elevation is defined as the measurement of the helicopter radar altimeter to the tallest obstacle in the helicopter path. An obstacle is any structure or object which will impede the path of the helicopter to the ground and is not limited to and includes tree canopy, towers and power lines.

Survey Elevations may vary based on the pilot's judgment of safe flying conditions around man-made structures or in rugged terrain.

Flying Speed

Nominal aircraft indicated airspeed was between 55 to 80 knots, the nominal aircraft ground speed was approximately 3 to 5 metres per sample at 10 Hz sampling.

Airborne High Sensitivity Magnetometer

The non-normalized 4th difference will not exceed 1.6 nT over a continuous distance of 1 kilometre excluding areas where this specification is exceeded due to natural anomalies.

Magnetic Base Station

The ground magnetometers are generally placed within 50 kilometres of the centre of the survey area and in regions of low magnetic gradient. They were sited away from moving steel objects, vehicles or power transmission lines.

For acceptance of the magnetic data, non-linear variations in the magnetic diurnal should not exceed 10 nT per minute.

Electromagnetic Data

Reflights will result when peak to peak noise envelopes of the EM channels exceeds the specified tolerance continuously over a horizontal distance of 2,000 metres under normal survey conditions. The approximate tolerances by frequency and coil orientation are given below in table 4-1.

Table 4-1 The EM System Noise Specifications

Nominal Frequency (Hz)	Coil Orientation	Peak-to-Peak Noise Envelope (ppm)
1000	coaxial	5
900	coplanar	10
5500	coaxial	10
7200	coplanar	20
56,000	coplanar	40

Spherics

If the frequency of spherics events affected the quality of the electromagnetic data as it was being processed by the acquisition system in real time, survey flying was

suspended. Flying was not performed when spherics became sufficiently intense and frequent that digital data processing techniques could not recover useful data.

The Dighem EM system includes two spheric/powerline channels for noise monitoring. Most spheric activity is susceptible to reduction by post-survey filtering to less than 2.0 ppm.

Spheric pulses may occur having strong peaks but narrow widths. The EM data are considered acceptable when their occurrence is less than 10 spheric events exceeding the stated noise specification for a given frequency per 100 samples continuously over a distance of 2,000 meters.

5. DATA PROCESSING

Appendix C depicts the data processing flow for the electromagnetic and magnetic datasets.

Flight Path Recovery

The raw range data from at least four satellites are simultaneously recorded by both the base and mobile GPS units. The geographic positions of both units, relative to the model ellipsoid, are calculated from this information. Differential corrections, which are obtained from the base station, are applied to the mobile unit data to provide a post-flight track of the aircraft, accurate to within 1 metre. Speed checks of the flight path are also carried out to determine if there are any spikes or gaps in the data.

The corrected WGS84 latitude/longitude coordinates are transformed to the UTM coordinate system used on the final maps. Images or plots are then created to provide a visual check of the flight path.

Electromagnetic Data

EM data are processed at the recorded sample rate of 10 samples/second. Spheric rejection median and Hanning filters are then applied to reduce noise to acceptable levels.

The EM data are examined to allow the interpreter to select the most appropriate EM anomaly picking controls for a given survey area. The EM picking parameters depend on several factors but are primarily based on the dynamic range of the resistivities within the survey area, and the types and expected geophysical responses of the targets being sought.

Anomalous electromagnetic responses are selected and analysed by computer to provide preliminary electromagnetic anomaly picks. The automatic selection algorithm is intentionally oversensitive to assure that no meaningful responses are missed. Using the preliminary picks in conjunction with the profile data, the interpreter then classifies the anomalies according to their source and eliminates those that are not substantiated by the data. The final interpreted EM anomalies include bedrock, surficial and cultural conductors and are defined based on typical HEM anomaly shapes, which are defined in Appendix B, figure B-1. The types of conductors interpreted from the EM data are given below in table 5-1.

Table 5-1 EM Anomaly Interpretation

Interpretation Symbol	Conductor Model
D	Narrow bedrock conductor (“vertical or dipping thin dyke”)
B	Bedrock conductor
S	Conductive cover (“horizontal thin sheet”)
H	Broad conductive rock unit, deep conductive weathering, thick conductive cover (“half space”)
E	Edge of broad conductor (“edge of a half space”)
“?”	Indicates some degree of uncertainty as to which is the most appropriate EM source model, but does not question the validity of the EM anomaly

The anomalies shown on the electromagnetic anomaly map are based on a near-vertical, half plane model. This model best reflects "discrete" bedrock conductors. Wide bedrock conductors or flat-lying conductive units, whether from surficial or bedrock sources, may give rise to very broad anomalous responses on the EM profiles. These may not appear on the electromagnetic anomaly map if they have a regional character rather than a locally anomalous character.

These broad conductors, which more closely approximate a half-space model, will be maximum coupled to the horizontal (coplanar) coil-pair and should be more evident on the resistivity parameter. Resistivity maps, therefore, may be more valuable than the electromagnetic anomaly maps, in areas where broad or flat-lying conductors are considered to be of importance.

Excellent resolution and discrimination of conductors was accomplished by using a fast sampling rate of 0.1 sec and by employing a “common” frequency (5500/7200 Hz) on two orthogonal coil-pairs (coaxial and coplanar). The resulting difference channel parameters often permit differentiation of bedrock and surficial conductors, even though they may exhibit similar conductance values. For any Fugro multi-component helicopter frequency domain EM system (HFEM), the difference channel is a calculated product to assist interpretation of discrete conductor targets. There is one each for the in-phase and quadrature components of the EM channels, called DIFI and DIFQ.

The difference channel is a parameter used to quantify the difference between the coaxial and coplanar response, to help distinguish which conductivity changes are caused by flat-lying conductors (like swamps) or changes in the layered earth (with a 1:4 ratio between CX and CP), and which anomalies are caused by discrete conductive bodies (ideally with a 1:1 CX to CP ratio). The difference between the CP and CX for both in-phase and quadrature EM data is calculated everywhere, weighted to adjust the response for the geometric difference as well as differences in coil separation. For a flat-lying or halfspace (thick, flat-lying) conductor, the difference channel (DIFI or DIFQ) will be near zero, as it will over background areas (a layered earth). For a discrete conductor like a vertical thin dike, the difference channel will have a positive value. In practice the value will be somewhat variable, dependent on the shape and thickness of the conductor and the conductivity of the host rock. Because it is a difference, not a

ratio, the amplitude of the difference channel over a discrete conductor will depend on the strength of the anomaly, but it will remain near zero for the flat-lying targets.

Anomalies that occur near the ends of the survey lines (i.e., outside the survey area) should be viewed with caution. Some of the weaker anomalies could be due to aerodynamic noise, i.e., bird bending, which is created by abnormal stresses to which the bird is subjected during the climb and turn of the aircraft between lines. Such aerodynamic noise is usually manifested by an anomaly on the coaxial in-phase channel only, although severe stresses can affect the coplanar in-phase channels as well.

The EM anomalies resulting from this survey appear to fall within one of two general categories. The first type consists of discrete, well-defined anomalies that yield marked inflections on the difference channels. These anomalies are usually attributed to conductive sulphides or graphite and are generally given a "B" (bedrock), "D" (vertical or dipping thin dyke) or "T" (vertical or dipping thick dyke) interpretive symbol, all denoting a bedrock source. EM anomalies that do not display the classic anomaly shape of the “thin dyke” model, but are considered to reflect sources at depth are generally given a “B” interpretation. The “T” anomaly is a very specific anomaly type, and is generally not used unless the specific criteria defined in figure B-1 of appendix B are met. No “T” anomalies were identified within this survey area.

The second class of anomalies comprises moderately broad responses that exhibit the characteristics of a half-space and do not yield well-defined inflections on the difference channels. Anomalies in this category are usually given an "S" or "H" interpretive symbol. The lack of a difference channel response usually implies a broad or flat-lying conductive source such as overburden. Some of these anomalies could reflect conductive rock units, zones of deep weathering, or the weathered tops of kimberlite pipes, all of which can yield “non-discrete” signatures.

The effects of conductive overburden are evident over portions of the survey area. Although the difference channels (DIFI and DIFQ) are extremely valuable in detecting bedrock conductors that are partially masked by conductive overburden, sharp undulations in the bedrock/overburden interface can yield anomalies in the difference channels which may be interpreted as possible bedrock conductors. Such anomalies usually fall into the "S?" or "B?" classification but may also be given an "E" interpretive symbol, denoting a resistivity contrast at the edge of a conductive unit.

The "?" symbol does not question the validity of an anomaly, but instead indicates some degree of uncertainty as to which is the most appropriate EM source model. This ambiguity results from the combination of effects from two or more conductive sources, such as overburden and bedrock, gradational changes, or moderately shallow dips. The presence of a conductive upper layer has a tendency to mask or alter the characteristics of bedrock conductors, making interpretation difficult. This problem is further exacerbated in the presence of magnetite.

In areas where EM responses are evident primarily on the quadrature components, zones of poor conductivity are indicated. Where these responses are coincident with magnetic anomalies, it is possible that the in-phase component amplitudes have been

suppressed by the effects of magnetite. Poorly-conductive magnetic features can give rise to resistivity anomalies that are only slightly below or slightly above background. If it is expected that poorly-conductive economic mineralization could be associated with magnetite-rich units, most of these weakly anomalous features will be of interest. In areas where magnetite causes the in-phase components to become negative, the apparent conductance and depth of EM anomalies will be unreliable. Magnetite effects usually give rise to overstated (higher) resistivity values and understated (shallow) depth calculations.

It is impractical to assess the relative merits of EM anomalies on the basis of conductance. It is recommended that an attempt be made to compile a suite of geophysical "signatures" over any known areas of interest. Anomaly characteristics are clearly defined in the profile data of the EM channels.

Apparent Resistivity

The apparent resistivities in ohm-m are generated from the in-phase and quadrature EM components for all of the coplanar frequencies, using a pseudo-layer half-space model. The inputs to the resistivity algorithm are the in-phase and quadrature amplitudes of the secondary field. The algorithm calculates the apparent resistivity in ohm-m, and the apparent height of the bird above the conductive source. Any difference between the apparent height and the true height, as measured by the radar altimeter, is called the pseudo-layer and reflects the difference between the real geology and a homogeneous halfspace. This difference is often attributed to the presence of a highly resistive upper layer. Any errors in the altimeter reading, caused by heavy tree cover, are included in the pseudo-layer and do not affect the resistivity calculation. The apparent depth estimates, however, will reflect the altimeter errors. Apparent resistivities calculated in this manner may differ from those calculated using other models.

In areas where the effects of magnetic permeability or dielectric permittivity have suppressed the in-phase responses, the calculated resistivities will be erroneously high. Various algorithms and inversion techniques can be used to partially correct for the effects of permeability and permittivity. No corrections for permeability and permittivity were made to the data for this survey.

The apparent resistivity parameters portray all of the information for a given frequency over the entire survey area. This full coverage contrasts with the electromagnetic anomalies, which provide information only over interpreted conductors. The large dynamic range afforded by the multiple frequencies makes the apparent resistivity parameter an excellent mapping tool.

The preliminary apparent resistivity images are carefully inspected to identify any lines or line segments that might require base level adjustments. Subtle changes between in-flight calibrations of the system can result in line-to-line differences that are more recognizable in resistive (low signal amplitude) areas. If required, manual level adjustments are carried out to eliminate or minimize resistivity differences that can be

attributed, in part, to changes in operating temperatures. These levelling adjustments are usually very subtle, and do not result in the degradation of discrete anomalies.

After the manual levelling process is complete, revised resistivity grids are created. The resulting grids can be subjected to a microlevelling technique in order to smooth the data for contouring. The coplanar resistivity parameter has a broad 'footprint' that requires very little filtering.

Apparent resistivity maps, which display the conductive properties of the survey area, were produced from the 900 Hz, 7200 Hz and 56 000 Hz coplanar data. Maximum resistivity values are calculated for each frequency. These cutoffs eliminate the erratic higher resistivities that would result from unstable ratios of very small EM amplitudes.

Residual Magnetic Field

A Fugro CF-1 cesium vapour magnetometer was operated at the survey base to record diurnal variations of the earth's magnetic field. The clock of the base station was synchronized with that of the airborne system to permit subsequent removal of diurnal drift.

A fourth difference editing routine was applied to the magnetic data to remove any spikes.

The aeromagnetic data were corrected for measured system lag, and then adjusted for regional variations (or IGRF gradient, 2010, updated to the date of data acquisition and adjusted for altimeter variations). The data were then corrected for diurnal variations by subtraction of the digitally recorded base station magnetic data. The results were then levelled using tie and traverse line intercepts. Manual adjustments were applied to any lines that required levelling, as indicated by shadowed images of the gridded magnetic data. The manually levelled data were then subjected to a microlevelling filter. The gridded data show the magnetic properties of the rock units underlying the survey areas.

If a specific magnetic intensity can be assigned to the rock type that is believed to host the target mineralization, it may be possible to select areas of higher priority on the basis of the total field magnetic data. This is based on the assumption that the magnetite content of the host rocks will give rise to a limited range of contour values that will permit differentiation of various lithological units. Structural complexities are evident on the images as variations in magnetic intensity, irregular patterns, and as offsets or changes in strike direction.

The magnetic results, in conjunction with the other geophysical parameters, have provided valuable information that can be used to effectively map the geology and structure in the survey areas.

Calculated Vertical Magnetic Gradient (First Vertical Derivative)

The diurnally-corrected, IGRF-corrected magnetic data were subjected to a processing algorithm that enhances the response of magnetic bodies in the upper 500 metres and attenuates the response of deeper bodies. The resulting vertical gradient grid provides better definition and resolution of near-surface magnetic units. It also identifies weak magnetic features that may not be quite as evident in the total field data. Regional magnetic variations and changes in lithology, however, may be better defined on the total magnetic field parameter.

Digital Elevation

The laser altimeter values (ALTLAS_BIRD – EM bird to ground clearance) are subtracted from the differentially corrected and de-spiked GPS-Z values to produce profiles of the height above the ellipsoid along the survey lines. These values are gridded to produce contour maps showing approximate elevations within the survey area. The calculated digital terrain data are then tie-line levelled and adjusted to mean sea level. Any remaining subtle line-to-line discrepancies are manually removed. After the manual corrections are applied, the digital terrain data are filtered with a microlevelling algorithm.

The accuracy of the elevation calculation is directly dependent on the accuracy of the two input parameters, ALTLAS_BIRD and GPS-Z. The ALTLAS_BIRD value may be erroneous in areas of heavy tree cover, where the altimeter reflects the distance to the tree canopy rather than the ground. The GPS-Z value is primarily dependent on the number of available satellites. Although post-processing of GPS data will yield X and Y accuracies in the order of 1-2 metres, the accuracy of the Z value is usually much less, sometimes in the ±10 metre range. Further inaccuracies may be introduced during the interpolation and gridding process.

Because of the inherent inaccuracies of this method, no guarantee is made or implied that the information displayed is a true representation of the height above sea level. Although this product may be of some use as a general reference, THIS PRODUCT MUST NOT BE USED FOR NAVIGATION PURPOSES.

Contour, Colour and Shadow Map Displays

The magnetic and resistivity data are interpolated onto a regular grid using a modified Akima spline technique. The resulting grid is suitable for image processing and generation of contour maps. The grid cell size is 20% of the line interval.

Colour maps are produced by interpolating the grid down to the pixel size. The parameter is then incremented with respect to specific amplitude ranges to provide colour "contour" maps.

6. PRODUCTS

This section lists the final maps and products that have been provided under the terms of the survey agreement. Other products can be prepared from the existing dataset, if requested. These include magnetic enhancements or derivatives, percent magnetite, resistivities corrected for magnetic permeability and/or dielectric permittivity, digital terrain, resistivity-depth sections, inversions, and overburden thickness. Most parameters can be displayed as contours, profiles, or in colour.

Base Maps

Base maps of the survey areas were produced by scanning published topographic maps to a bitmap (.bmp) format. This process provides a relatively accurate, distortion-free base that facilitates correlation of the navigation data to the map coordinate system. The topographic files were combined with geophysical data for plotting some of the final maps. All maps were created using the following parameters:

Projection Description:

Datum:	NAD83
Ellipsoid:	GRS80
Projection:	UTM (Zone: 9N)
Central Meridian:	129°W
False Northing:	0
False Easting:	500000
Scale Factor:	0.9996
WGS84 to Local Conversion:	Molodensky
Datum Shifts:	DX: 0 DY: 0 DZ: 0

Maps depicting the survey results have been provided at a scale of 1:20 000 as listed in Table 6-1. Each Parameter is plotted on 6 map sheets for the Mac Pass Claim Group area, and a single map sheet for the Ben Claim area. The final digital archives are provided on DVD. Both line data and grid archives are provided in Geosoft format.

Table 6-1 Survey Products

Final Map Product	No. of Colour Map Sets
EM Anomalies with interpretation	2
Residual Magnetic Intensity	2
Calculated Vertical Magnetic Gradient	2
Apparent Resistivity 900 Hz	2
Apparent Resistivity 7200 Hz	2
Apparent Resistivity 56 000 Hz	2

Additional Products

Digital Archive (see Archive Description)	1 DVD
Survey Report	PDF format on archive DVD, 2 paper copies
Flight Path Video	all flights in .BIN/.BDX format on DVD with viewer
Final colour maps	all products, in Geosoft map format

7. SURVEY RESULTS

Tables 7-1 and 7-2 summarize the discrete EM anomaly responses interpreted from the survey data with respect to conductance grade and interpretation for the survey areas. The anomalies are listed in .PDF format and archived in XYZ format on the final archive DVD.

Interpretation maps at a scale of 1:20 000, which include the EM anomalies, accompany this report. Prominent magnetic and conductive zones have been outlined in red or blue, respectively. Linear features that have been interpreted from either the magnetic or resistivity data, and which may reflect possible structural breaks within the survey area, are shown with a dashed green line.

Mac Pass Claim Group

The western portion of the Mac Pass Claim Group survey area is dominated by a highly conductive zone, R1. It seems to reflect a broad conductive unit, which is made up of multiple, closely spaced, thin conductive trends. The conductivity associated with R1 seems to reflect sources at depth, as the low frequency resistivities are generally lower than those calculated from the high frequency. The changes in the calculated resistivities one frequency to another, gives an approximation of the subsurface. Conductivity depth sections, such as differential resistivity sections as shown below, may be useful in defining the characteristics of complex conductive units such as R1. Two cross sections of R1, based on the differential resistivity calculation are shown below for lines 10130 and 10500. Differences in depth to conductor, and change in conductivity with depth are readily apparent.

Line 10500 displays resistivities that are much closer in value over the three coplanar frequencies, suggesting that all frequencies are seeing the same highly conductive, thick conductive unit. Line 10130, displays much higher resistivities on the high frequency, suggesting the source of the conductivity has a deeper source, identified on the low, 900 Hz frequency.

TABLE 7-1 EM ANOMALY STATISTICS
Mac Pass Claim Group
Eastern Yukon
Job # 11046-1

CONDUCTOR GRADE	CONDUCTANCE RANGE SIEMENS (MHOS)	NUMBER OF RESPONSES
7	>100	124
6	50 - 100	164
5	20 - 50	441
4	10 - 20	683
3	5 - 10	1057
2	1 - 5	6529
1	<1	2246
*	INDETERMINATE	257
TOTAL		11501

CONDUCTOR MODEL	MOST LIKELY SOURCE	NUMBER OF RESPONSES
D	DISCRETE BEDROCK CONDUCTOR (THIN DYKE MODEL)	1392
B	BEDROCK CONDUCTOR	6460
S	CONDUCTIVE COVER	3524
E	EDGE OF WIDE CONDUCTOR	10
H	ROCK UNIT OR THICK COVER	115
TOTAL		11501

TABLE 7-2 EM ANOMALY STATISTICS
Ben Claim
Eastern Yukon
Job # 11046-2

CONDUCTOR GRADE	CONDUCTANCE RANGE SIEMENS (MHOS)	NUMBER OF RESPONSES
7	>100	10
6	50 - 100	16
5	20 - 50	35
4	10 - 20	42
3	5 - 10	55
2	1 - 5	166
1	<1	129
*	INDETERMINATE	12
TOTAL		465

CONDUCTOR MODEL	MOST LIKELY SOURCE	NUMBER OF RESPONSES
D	DISCRETE BEDROCK CONDUCTOR (THIN DYKE MODEL)	41
B	BEDROCK CONDUCTOR	390
S	CONDUCTIVE COVER	34
TOTAL		465

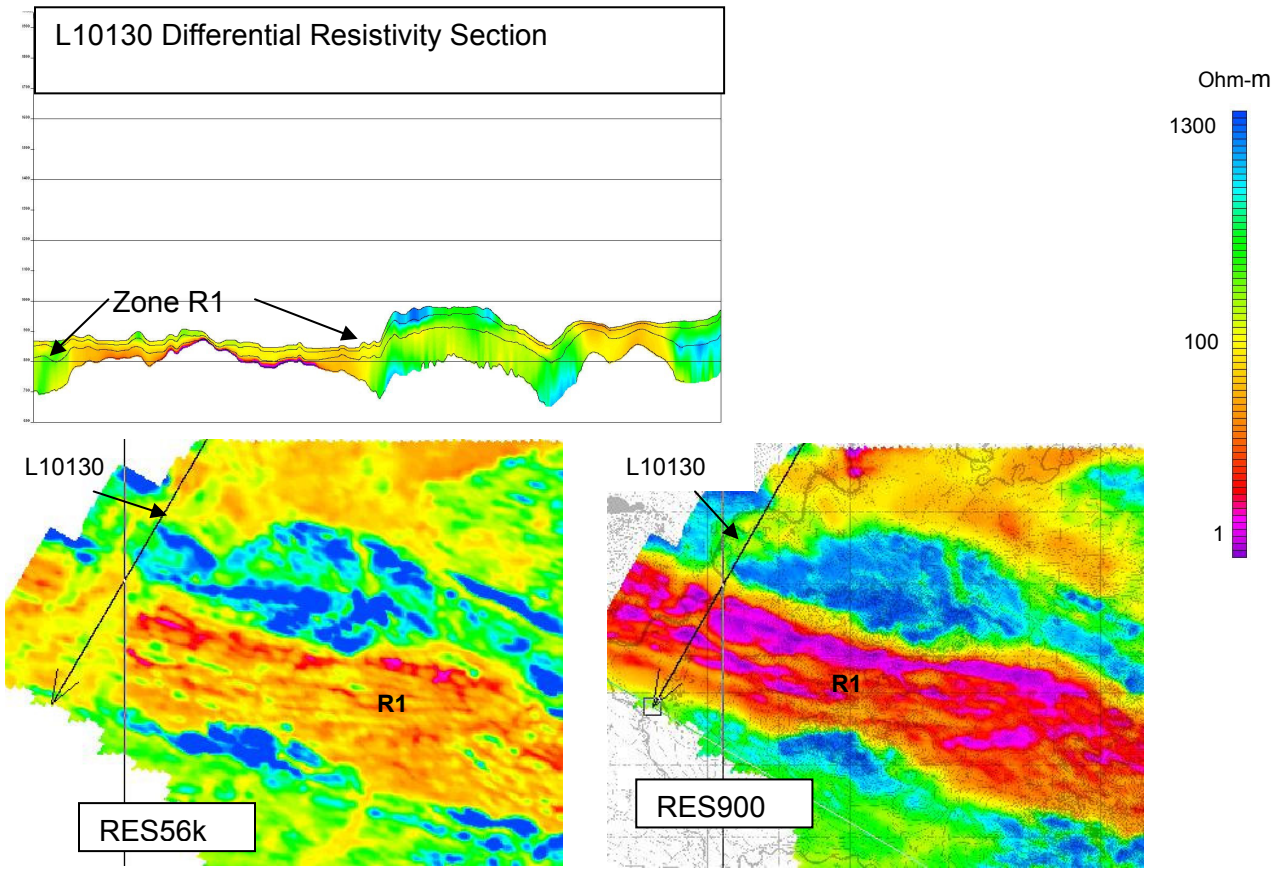


Figure 7-1 Line 10130

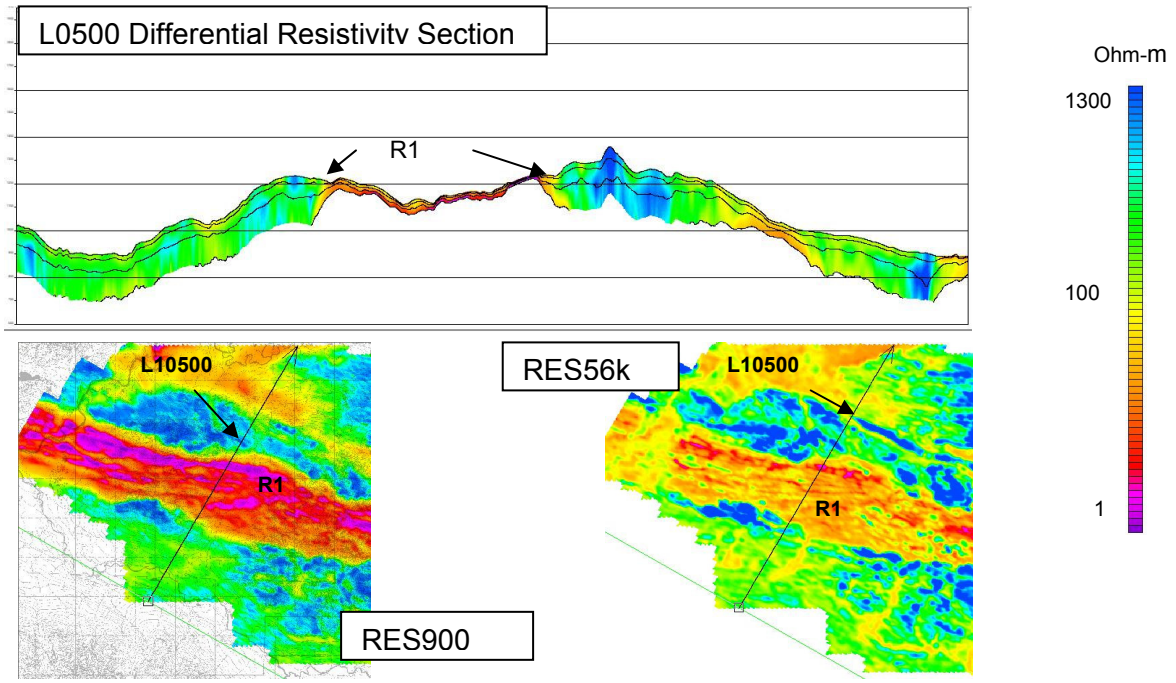


Figure 7-2 Line 10500

R1 displays some correlation with the magnetic data, as many of the possible breaks identified on the magnetic parameters are also on the resistivity parameters. Several moderately magnetic units, M1, M2 and M3, are situated near the edges of conductive zone R1 on sheet 1. All are situated in areas of complexity in the magnetic data, as many prominent breaks are evident in the vicinity of all three magnetic zones. M1 is situated at the northern limit of R1. It is interesting as it seems to be part of an oval shaped magnetic feature defined on the calculated first vertical magnetic derivative map, the outline of which is shown below in Figure 7-3.

M5, which is situated on sheet 2, differs from M1, M2 and M3 as it is situated within R1 rather than near the edge of the zone. It is coincident with a resistive zone within R1 which is associated with a topographic high.

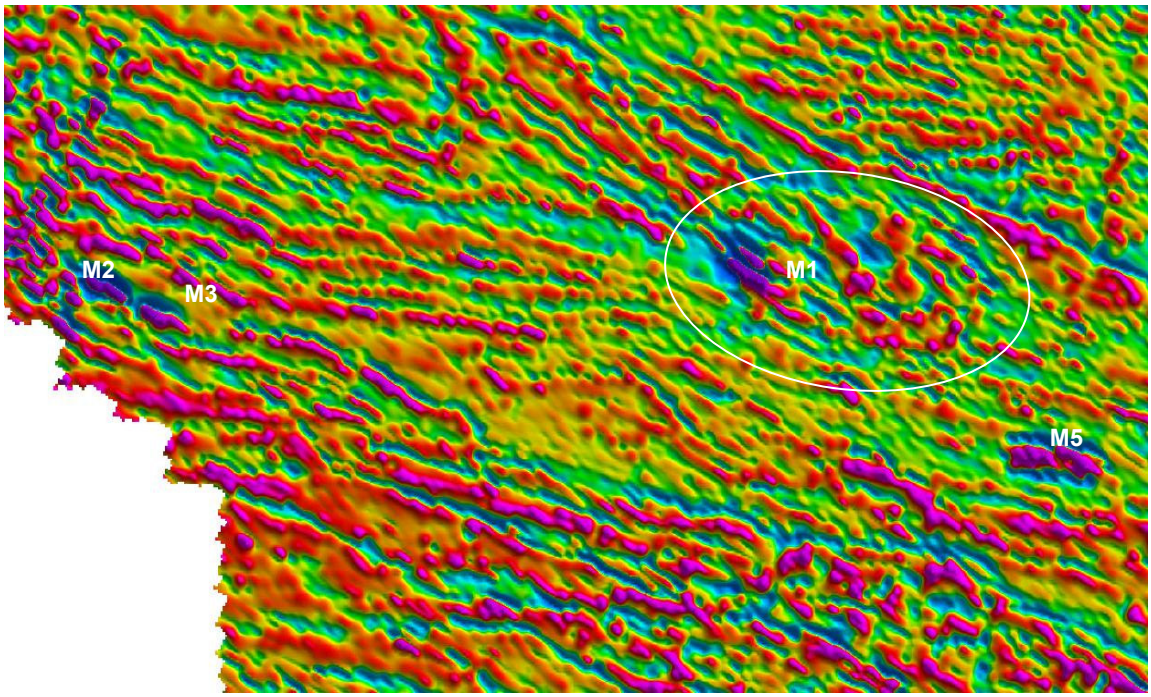


Figure 7-3 Shadowed Calculated First Vertical Derivative

Several less extensive conductive zones R2 and R3 are also situated on sheet 1, and reflect conductive sources at depth. Neither displays any direct correlation with the magnetic data, as they are situated within the relatively non-magnetic northwest area of the survey block. R4, which is situated to the north of R1, situated over sheets 1 and 2, also reflects possible bedrock conductivity. Its southern limit is coincident with a prominent northwest/southeast trending break in the magnetic data.

M4 is a complex magnetic zone situated near the northern edge of sheet 2. The magnetic features within this zone are generally associated with topographic highs. Many possible structural features, inferred from the magnetic data, intersect this zone. The strongest magnetic feature within M4 is situated at the northern edge of the zone, immediately to the west of a prominent north-northwest/south-southeast trending magnetic break. Conductive zone R5 is situated along this break, and may reflect weakly conductive features at depth.

The character of the magnetic data changes drastically between the northern and southern regions of the survey block. The northern region generally consists of low gradient magnetic features, with a dynamic range of less than 100 nT. The southern portion of the survey block displays much higher magnetic gradients and contains magnetic features, M6 through M21, which display increased magnetic intensities. One of the strongest magnetic features is M6, situated at the southeastern limit of sheet 4. M6 appears to be separated from smaller zones M7 through M10 by a prominent structural feature, which extends northwest/southeast along its eastern edge. M6

displays some association with R7, a conductive ring-like zone, which reflects possible bedrock conductivity.

Much of the southern region of the survey block is dominated by conductive zone R8. It displays similar characteristics to R1, as it seems to reflect multiple, closely spaced conductive sources, but conductivities within this zone are much lower than those in R1 on all frequencies. Calculated resistivities of less than one ohm-metre are evident throughout much of the zone on the 900 Hz resistivity parameter.

Extensive conductive zones such as R1 and R8 often reflect formational conductors that may be of minor interest as direct exploration targets. However, attention may be focused on areas where these zones appear to be faulted or folded or where anomaly characteristics differ along strike. Such structural breaks are considered to be of particular interest as they may have influenced mineral deposition within the survey area.

Ben Claim

Three conductive zones, R1 through R3, are evident within this small block situated to the east of sheet 6 of the Mac Pass Group Claims area. R1 is the most extensive zone, and reflects multiple closely spaced conductive sources. The 900 Hz parameter displays the lowest resistivities, suggesting the source of the conductivity is at depth. Several moderately magnetic features, M1 through M4, are associated with the central region of R1, although the strongest conductivities within R1 are located around the edge of the zone and are generally non-magnetic. Magnetic zones M1 through M4 appear to be intersected by or separated from each other by several possible structural features.

Conductive zone R3 reflects multiple possible bedrock sources situated in the southern corner of the survey area. This east/west trending feature is situated along an inferred structural feature that intersects magnetic zone M6.

8. CONCLUSIONS AND RECOMMENDATIONS

This report provides a very brief description of the survey results and describes the equipment, data processing procedures and logistics of the survey.

The survey has been successful in mapping the magnetic and conductive properties of the survey areas. The survey was also successful in locating anomalous zones that may warrant additional work. The various maps included with this report display the magnetic and conductive properties of the survey areas. It is recommended that a complete assessment and detailed evaluation of the survey results be carried out, in conjunction with all available geophysical, geological and geochemical information.

The interpreted bedrock conductors and anomalous targets defined by the survey should be subjected to further investigation, using appropriate surface exploration techniques. Anomalies that are currently considered to be of moderately low priority may require upgrading if follow-up results are favourable.

It is also recommended that image processing of existing geophysical data be considered, in order to extract the maximum amount of information from the survey results. Current software and imaging techniques often provide valuable information on structure and lithology, which may not be clearly evident on the contour and colour maps. These techniques can yield images that define subtle, but significant, structural details.

Respectfully submitted,

FUGRO AIRBORNE SURVEYS CORP.

APPENDIX A
LIST OF PERSONNEL

The following personnel were involved in the acquisition, processing, interpretation and presentation of data, relating to a DIGHEM airborne geophysical survey carried out for Colorado Resources Ltd. over the Mac Pass Claim Group and the Ben Claim areas, Eastern Yukon.

Graham Konieczny	Manager, Data Processing and Interpretation
Terry Lacey	Geophysical Operator
Amanda Heydorn	Geophysical Data Processor - Field
Sara Underhay	Geophysical Data Processor - Field
Richardo White	Geophysical Data Processor
Guy Lajoie	Pilot (Questral Helicopters Ltd.)
Mark Lapointe	Pilot
Ruth Pritchard	Interpretation
Lyn Vanderstarren	Drafting Supervisor

The survey consisted of approximately 3064.0 line-km flown from July 11th to August 4th, 2011.

All personnel were employees of Fugro Airborne Surveys, except where indicated.

APPENDIX B

BACKGROUND INFORMATION

APPENDIX B
BACKGROUND INFORMATION

Electromagnetics

Fugro electromagnetic responses fall into two general classes, discrete and broad. The discrete class consists of sharp, well-defined anomalies from discrete conductors such as sulphide lenses and steeply dipping sheets of graphite and sulphides. The broad class consists of wide anomalies from conductors having a large horizontal surface such as flatly dipping graphite or sulphide sheets, saline water-saturated sedimentary formations, conductive overburden and rock, kimberlite pipes and geothermal zones. A vertical conductive slab with a width of 200 m would straddle these two classes.

The vertical sheet (half plane) is the most common model used for the analysis of discrete conductors. All anomalies plotted on the geophysical maps are analyzed according to this model. The following section entitled **Discrete Conductor Analysis** describes this model in detail, including the effect of using it on anomalies caused by broad conductors such as conductive overburden.

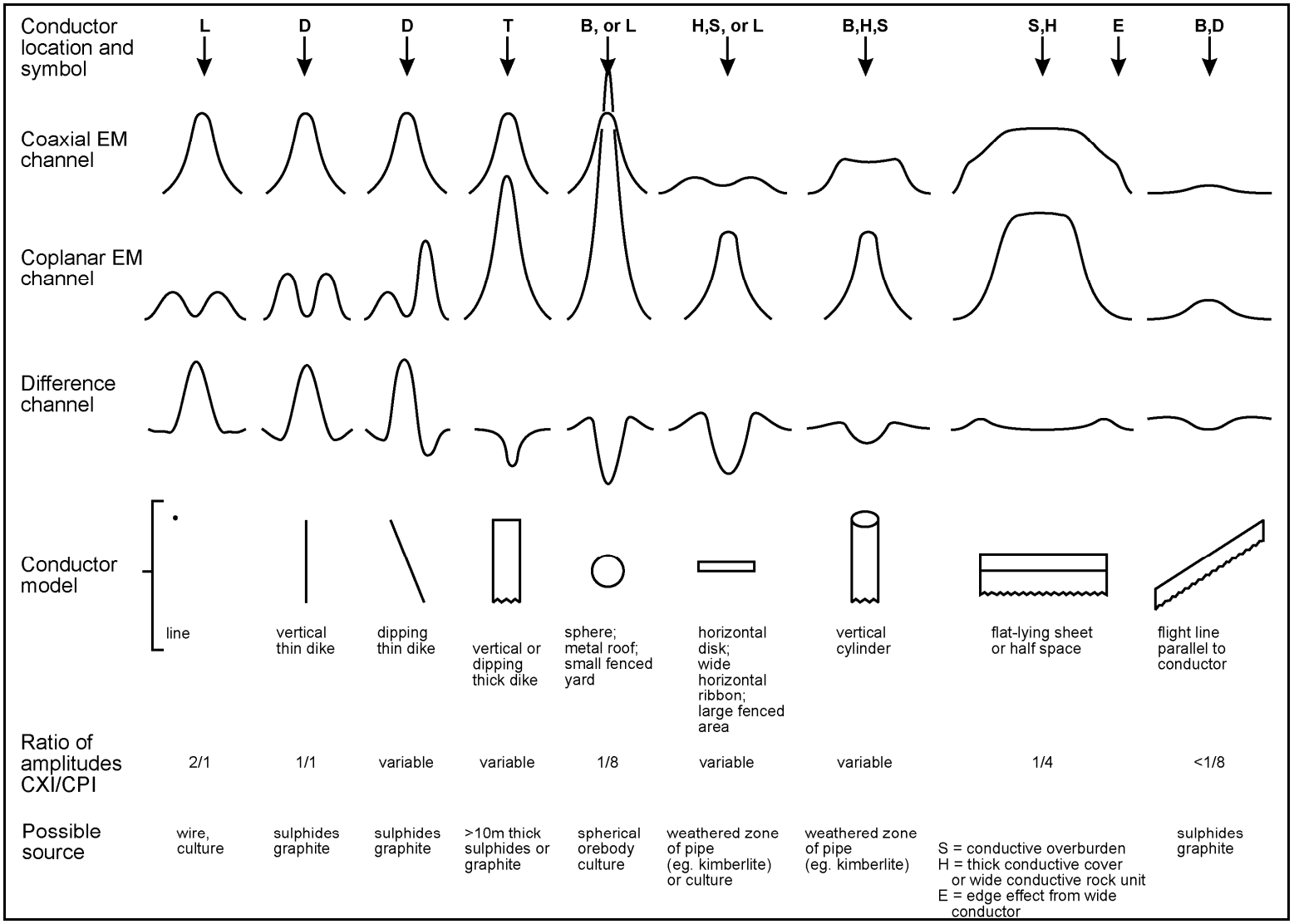
The conductive earth (half-space) model is suitable for broad conductors. Resistivity contour maps result from the use of this model. A later section entitled **Resistivity Mapping** describes the method further, including the effect of using it on anomalies caused by discrete conductors such as sulphide bodies.

Geometric Interpretation

The geophysical interpreter attempts to determine the geometric shape and dip of the conductor. Figure B-1 shows typical HEM anomaly shapes which are used to guide the geometric interpretation.

Discrete Conductor Analysis

The EM anomalies appearing on the electromagnetic map are analyzed by computer to give the conductance (i.e., conductivity-thickness product) in siemens (mhos) of a vertical sheet model. This is done regardless of the interpreted geometric shape of the conductor. This is not an unreasonable procedure, because the computed conductance increases as the electrical quality of the conductor increases, regardless of its true shape. DIGHEM anomalies are divided into seven grades of conductance, as shown in Table B-1. The conductance in siemens (mhos) is the reciprocal of resistance in ohms.



Typical HEM anomaly shapes

Figure B-1

The conductance value is a geological parameter because it is a characteristic of the conductor alone. It generally is independent of frequency, flying height or depth of burial, apart from the averaging over a greater portion of the conductor as height increases. Small anomalies from deeply buried strong conductors are not confused with small anomalies from shallow weak conductors because the former will have larger conductance values.

Table B-1. EM Anomaly Grades

Anomaly Grade	Siemens
7	> 100
6	50 – 100
5	20 – 50
4	10 – 20
3	5 – 10
2	1 – 5
1	< 1

Conductive overburden generally produces broad EM responses which may not be shown as anomalies on the geophysical maps. However, patchy conductive overburden in otherwise resistive areas can yield discrete anomalies with a conductance grade (cf. Table B-1) of 1, 2 or even 3 for conducting clays which have resistivities as low as 50 ohm-m. In areas where ground resistivities are below 10 ohm-m, anomalies caused by weathering variations and similar causes can have any conductance grade. The anomaly shapes from the multiple coils often allow such conductors to be recognized, and these are indicated by the letters S, H, and sometimes E on the geophysical maps (see EM legend on maps).

For bedrock conductors, the higher anomaly grades indicate increasingly higher conductances. Examples: the New Insco copper discovery (Noranda, Canada) yielded a grade 5 anomaly, as did the neighbouring copper-zinc Magusi River ore body; Mattabi (copper-zinc, Sturgeon Lake, Canada) and Whistle (nickel, Sudbury, Canada) gave grade 6; and the Montcalm nickel-copper discovery (Timmins, Canada) yielded a grade 7 anomaly. Graphite and sulphides can span all grades but, in any particular survey area, field work may show that the different grades indicate different types of conductors.

Strong conductors (i.e., grades 6 and 7) are characteristic of massive sulphides or graphite. Moderate conductors (grades 4 and 5) typically reflect graphite or sulphides of a less massive character, while weak bedrock conductors (grades 1 to 3) can signify poorly connected graphite or heavily disseminated sulphides. Grades 1 and 2 conductors may not respond to ground EM equipment using frequencies less than 2000 Hz.

The presence of sphalerite or gangue can result in ore deposits having weak to moderate conductances. As an example, the three million ton lead-zinc deposit of Restigouche Mining Corporation near Bathurst, Canada, yielded a well-defined grade 2 conductor. The 10 percent by volume of sphalerite occurs as a coating around the fine grained massive pyrite, thereby inhibiting electrical conduction. Faults, fractures and shear zones may produce anomalies that typically have low conductances (e.g., grades 1 to 3). Conductive rock formations can yield anomalies of any conductance grade. The conductive materials in

such rock formations can be salt water, weathered products such as clays, original depositional clays, and carbonaceous material.

For each interpreted electromagnetic anomaly on the geophysical maps, a letter identifier and an interpretive symbol are plotted beside the EM grade symbol. The conductance grade and depth estimate illustrates which of these possibilities fits the recorded data best.

The conductance measurement is considered more reliable than the depth estimate. There are a number of factors that can produce an error in the depth estimate, including the averaging of topographic variations by the altimeter, overlying conductive overburden, and the location and attitude of the conductor relative to the flight line. Conductor location and attitude can provide an erroneous depth estimate because the stronger part of the conductor may be deeper or to one side of the flight line, or because it has a shallow dip. A heavy tree cover can also produce errors in depth estimates. This is because the depth estimate is computed as the distance of bird from conductor, minus the altimeter reading. The altimeter can lock onto the top of a dense forest canopy. This situation yields an erroneously large depth estimate but does not affect the conductance estimate.

Dip symbols are used to indicate the direction of dip of conductors. These symbols are used only when the anomaly shapes are unambiguous, which usually requires a fairly resistive environment.

A further interpretation is presented on the EM map by means of the line-to-line correlation of bedrock anomalies, which is based on a comparison of anomaly shapes on adjacent lines. This provides conductor axes that may define the geological structure over portions of the survey area. The absence of conductor axes in an area implies that anomalies could not be correlated from line to line with reasonable confidence.

The electromagnetic anomalies are designed to provide a correct impression of conductor quality by means of the conductance grade symbols. The symbols can stand alone with geology when planning a follow-up program. The actual conductance values are available in the EM anomaly archive for those who wish quantitative data. The map provides an interpretation of conductors in terms of length, strike and dip, geometric shape, conductance, depth, and thickness. The accuracy is comparable to an interpretation from a high quality ground EM survey having the same line spacing.

The EM anomaly archive provides a tabulation of anomalies in ppm, conductance, and depth for the vertical dyke model for bedrock anomalies (i.e. B D and T anomaly types), and for a horizontal sheet model for broad anomalies (i.e. S, H and E). No conductance or depth estimates are shown for weak anomalous responses that are not of sufficient amplitude to yield reliable calculations.

Since discrete bodies normally are the targets of EM surveys, local base (or zero) levels are used to compute local anomaly amplitudes. This contrasts with the use of true zero levels which are used to compute true EM amplitudes. Local anomaly amplitudes are shown in the EM anomaly list and these are used to compute the parameters of conductance and depth.

Questionable Anomalies

The EM maps may contain anomalous responses that are displayed as asterisks (*). These responses denote weak anomalies of indeterminate conductance, which may reflect one of the following: a weak conductor near the surface, a strong conductor at depth (e.g., 100 to 120 m below surface) or to one side of the flight line, or aerodynamic noise. Those responses that have the appearance of valid bedrock anomalies on the flight profiles are indicated by appropriate interpretive symbols (see EM legend on maps). The others probably do not warrant further investigation unless their locations are of considerable geological interest.

The Thickness Parameter

A comparison of coaxial and coplanar shapes can provide an indication of the thickness of a steeply dipping conductor. The amplitude of the coplanar anomaly (e.g., CPI channel) increases relative to the coaxial anomaly (e.g., CXI) as the apparent thickness increases, i.e., the thickness in the horizontal plane. (The thickness is equal to the conductor width if the conductor dips at 90 degrees and strikes at right angles to the flight line.) This report refers to a conductor as thin when the thickness is likely to be less than 3 m, and thick when in excess of 10 m. Thick conductors are indicated on the EM map by parentheses "( )". For base metal exploration in steeply dipping geology, thick conductors can be high priority targets because many massive sulphide ore bodies are thick. The system cannot sense the thickness when the strike of the conductor is subparallel to the flight line, when the conductor has a shallow dip, when the anomaly amplitudes are small, or when the resistivity of the environment is below 100 ohm-m.

Resistivity Mapping

Resistivity mapping is useful in areas where broad or flat lying conductive units are of interest. One example of this is the clay alteration which is associated with Carlin-type deposits in the south west United States. The resistivity parameter was able to identify the clay alteration zone over the Cove deposit. The alteration zone appeared as a strong resistivity low on the 900 Hz resistivity parameter. The 7,200 Hz and 56,000 Hz resistivities showed more detail in the covering sediments, and delineated a range front fault. This is typical in many areas of the south west United States, where conductive near surface sediments, which may sometimes be alkalic, attenuate the higher frequencies.

Resistivity mapping has proven successful for locating diatremes in diamond exploration. Weathering products from relatively soft kimberlite pipes produce a resistivity contrast with the unaltered host rock. In many cases weathered kimberlite pipes were associated with

thick conductive layers that contrasted with overlying or adjacent relatively thin layers of lake bottom sediments or overburden.

Areas of widespread conductivity are commonly encountered during surveys. These conductive zones may reflect alteration zones, shallow-dipping sulphide or graphite-rich units, saline ground water, or conductive overburden. In such areas, EM amplitude changes can be generated by decreases of only 5 m in survey altitude, as well as by increases in conductivity. The typical flight record in conductive areas is characterized by in-phase and quadrature channels that are continuously active. Local EM peaks reflect either increases in conductivity of the earth or decreases in survey altitude. For such conductive areas, apparent resistivity profiles and contour maps are necessary for the correct interpretation of the airborne data. The advantage of the resistivity parameter is that anomalies caused by altitude changes are virtually eliminated, so the resistivity data reflect only those anomalies caused by conductivity changes. The resistivity analysis also helps the interpreter to differentiate between conductive bedrock and conductive overburden. For example, discrete conductors will generally appear as narrow lows on the contour map and broad conductors (e.g., overburden) will appear as wide lows.

The apparent resistivity is calculated using the pseudo-layer (or buried) half-space model defined by Fraser (1978)[1]. This model consists of a resistive layer overlying a conductive half-space. The depth channels give the apparent depth below surface of the conductive material. The apparent depth is simply the apparent thickness of the overlying resistive layer. The apparent depth (or thickness) parameter will be positive when the upper layer is more resistive than the underlying material, in which case the apparent depth may be quite close to the true depth.

The apparent depth will be negative when the upper layer is more conductive than the underlying material, and will be zero when a homogeneous half-space exists. The apparent depth parameter must be interpreted cautiously because it will contain any errors that might exist in the measured altitude of the EM bird (e.g., as caused by a dense tree cover). The inputs to the resistivity algorithm are the in-phase and quadrature components of the coplanar coil-pair. The outputs are the apparent resistivity of the conductive half-space (the source) and the sensor-source distance. The flying height is not an input variable, and the output resistivity and sensor-source distance are independent of the flying height when the conductivity of the measured material is sufficient to yield significant in-phase as well as quadrature responses. The apparent depth, discussed above, is simply the sensor-source distance minus the measured altitude or flying height. Consequently, errors in the measured altitude will affect the apparent depth parameter but not the apparent resistivity parameter.

The apparent depth parameter is a useful indicator of simple layering in areas lacking a heavy tree cover. Depth information has been used for permafrost mapping, where positive apparent depths were used as a measure of permafrost thickness. However, little quantitative use has been made of negative apparent depths because the absolute value of

[1] Resistivity mapping with an airborne multicoil electromagnetic system: Geophysics, v. 43, p.144-172

the negative depth is not a measure of the thickness of the conductive upper layer and, therefore, is not meaningful physically. Qualitatively, a negative apparent depth estimate usually shows that the EM anomaly is caused by conductive overburden. Consequently, the apparent depth channel can be of significant help in distinguishing between overburden and bedrock conductors.

Interpretation in Conductive Environments

Environments having low background resistivities (e.g., below 30 ohm-m for a 900 Hz system) yield very large responses from the conductive ground. This usually prohibits the recognition of discrete bedrock conductors. However, Fugro data processing techniques produce three parameters that contribute significantly to the recognition of bedrock conductors in conductive environments. These are the in-phase and quadrature difference channels (DIFI and DIFQ, which are available only on systems with “common” frequencies on orthogonal coil pairs), and the resistivity and depth channels (RES and DEP) for each coplanar frequency.

The EM difference channels (DIFI and DIFQ) eliminate most of the responses from conductive ground, leaving responses from bedrock conductors, cultural features (e.g., telephone lines, fences, etc.) and edge effects. Edge effects often occur near the perimeter of broad conductive zones. This can be a source of geologic noise. While edge effects yield anomalies on the EM difference channels, they do not produce resistivity anomalies. Consequently, the resistivity channel aids in eliminating anomalies due to edge effects. On the other hand, resistivity anomalies will coincide with the most highly conductive sections of conductive ground, and this is another source of geologic noise. The recognition of a bedrock conductor in a conductive environment therefore is based on the anomalous responses of the two difference channels (DIFI and DIFQ) and the resistivity channels (RES). The most favourable situation is where anomalies coincide on all channels.

The DEP channels, which give the apparent depth to the conductive material, also help to determine whether a conductive response arises from surficial material or from a conductive zone in the bedrock. When these channels ride above the zero level on the depth profiles (i.e., depth is negative), it implies that the EM and resistivity profiles are responding primarily to a conductive upper layer, i.e., conductive overburden. If the DEP channels are below the zero level, it indicates that a resistive upper layer exists, and this usually implies the existence of a bedrock conductor. If the low frequency DEP channel is below the zero level and the high frequency DEP is above, this suggests that a bedrock conductor occurs beneath conductive cover.

Reduction of Geologic Noise

Geologic noise refers to unwanted geophysical responses. For purposes of airborne EM surveying, geologic noise refers to EM responses caused by conductive overburden and magnetic permeability. It was mentioned previously that the EM difference channels (i.e.,

channel DIFI for in-phase and DIFQ for quadrature) tend to eliminate the response of conductive overburden.

Magnetite produces a form of geological noise on the in-phase channels. Rocks containing less than 1% magnetite can yield negative in-phase anomalies caused by magnetic permeability. When magnetite is widely distributed throughout a survey area, the in-phase EM channels may continuously rise and fall, reflecting variations in the magnetite percentage, flying height, and overburden thickness. This can lead to difficulties in recognizing deeply buried bedrock conductors, particularly if conductive overburden also exists. However, the response of broadly distributed magnetite generally vanishes on the in-phase difference channel DIFI. This feature can be a significant aid in the recognition of conductors that occur in rocks containing accessory magnetite.

EM Magnetite Mapping

The information content of HEM data consists of a combination of conductive eddy current responses and magnetic permeability responses. The secondary field resulting from conductive eddy current flow is frequency-dependent and consists of both in-phase and quadrature components, which are positive in sign. On the other hand, the secondary field resulting from magnetic permeability is independent of frequency and consists of only an in-phase component which is negative in sign. When magnetic permeability manifests itself by decreasing the measured amount of positive in-phase, its presence may be difficult to recognize. However, when it manifests itself by yielding a negative in-phase anomaly (e.g., in the absence of eddy current flow), its presence is assured. In this latter case, the negative component can be used to estimate the percent magnetite content.

A magnetite mapping technique, based on the low frequency coplanar data, can be complementary to magnetometer mapping in certain cases. Compared to magnetometry, it is far less sensitive but is more able to resolve closely spaced magnetite zones, as well as providing an estimate of the amount of magnetite in the rock. The method is sensitive to 1/4% magnetite by weight when the EM sensor is at a height of 30 m above a magnetitic half-space. It can individually resolve steep dipping narrow magnetite-rich bands which are separated by 60 m. Unlike magnetometry, the EM magnetite method is unaffected by remanent magnetism or magnetic latitude.

The EM magnetite mapping technique provides estimates of magnetite content which are usually correct within a factor of 2 when the magnetite is fairly uniformly distributed. EM magnetite maps can be generated when magnetic permeability is evident as negative in-phase responses on the data profiles.

Like magnetometry, the EM magnetite method maps only bedrock features, provided that the overburden is characterized by a general lack of magnetite. This contrasts with resistivity mapping which portrays the combined effect of bedrock and overburden.

The Susceptibility Effect

When the host rock is conductive, the positive conductivity response will usually dominate the secondary field, and the susceptibility effect[2] will appear as a reduction in the in-phase, rather than as a negative value. The in-phase response will be lower than would be predicted by a model using zero susceptibility. At higher frequencies the in-phase conductivity response also gets larger, so a negative magnetite effect observed on the low frequency might not be observable on the higher frequencies, over the same body. The susceptibility effect is most obvious over discrete magnetite-rich zones, but also occurs over uniform geology such as a homogeneous half-space.

High magnetic susceptibility will affect the calculated apparent resistivity, if only conductivity is considered. Standard apparent resistivity algorithms use a homogeneous half-space model, with zero susceptibility. For these algorithms, the reduced in-phase response will, in most cases, make the apparent resistivity higher than it should be. It is important to note that there is nothing wrong with the data, nor is there anything wrong with the processing algorithms. The apparent difference results from the fact that the simple geological model used in processing does not match the complex geology.

Measuring and Correcting the Magnetite Effect

Theoretically, it is possible to calculate (forward model) the combined effect of electrical conductivity and magnetic susceptibility on an EM response in all environments. The difficulty lies, however, in separating out the susceptibility effect from other geological effects when deriving resistivity and susceptibility from EM data.

Over a homogeneous half-space, there is a precise relationship between in-phase, quadrature, and altitude. These are often resolved as phase angle, amplitude, and altitude. Within a reasonable range, any two of these three parameters can be used to calculate the half space resistivity. If the rock has a positive magnetic susceptibility, the in-phase component will be reduced and this departure can be recognized by comparison to the other parameters.

The algorithm used to calculate apparent susceptibility and apparent resistivity from HEM data, uses a homogeneous half-space geological model. Non half-space geology, such as horizontal layers or dipping sources, can also distort the perfect half-space relationship of the three data parameters. While it may be possible to use more complex models to calculate both rock parameters, this procedure becomes very complex and time-consuming. For basic HEM data processing, it is most practical to stick to the simplest geological model.

---

[2] Magnetic susceptibility and permeability are two measures of the same physical property. Permeability is generally given as relative permeability, μ_r, which is the permeability of the substance divided by the permeability of free space ($4 \pi \times 10^{-7}$). Magnetic susceptibility k is related to permeability by $k=\mu^r-1$. Susceptibility is a unitless measurement, and is usually reported in units of 10^{-6}. The typical range of susceptibilities is –1 for quartz, 130 for pyrite, and up to 5×10^5 for magnetite, in 10^{-6} units (Telford et al, 1986).

Magnetite reversals (reversed in-phase anomalies) have been used for many years to calculate an “FeO” or magnetite response from HEM data (Fraser, 1981). However, this technique could only be applied to data where the in-phase was observed to be negative, which happens when susceptibility is high and conductivity is low.

Applying Susceptibility Corrections

Resistivity calculations done with susceptibility correction may change the apparent resistivity. High-susceptibility conductors, that were previously masked by the susceptibility effect in standard resistivity algorithms, may become evident. In this case the susceptibility corrected apparent resistivity is a better measure of the actual resistivity of the earth. However, other geological variations, such as a deep resistive layer, can also reduce the in-phase by the same amount. In this case, susceptibility correction would not be the best method. Different geological models can apply in different areas of the same data set. The effects of susceptibility, and other effects that can create a similar response, must be considered when selecting the resistivity algorithm.

Susceptibility from EM vs. Magnetic Field Data

The response of the EM system to magnetite may not match that from a magnetometer survey. First, HEM-derived susceptibility is a rock property measurement, like resistivity. Magnetic data show the total magnetic field, a measure of the potential field, not the rock property. Secondly, the shape of an anomaly depends on the shape and direction of the source magnetic field. The electromagnetic field of HEM is much different in shape from the earth’s magnetic field. Total field magnetic anomalies are different at different magnetic latitudes; HEM susceptibility anomalies have the same shape regardless of their location on the earth.

In far northern latitudes, where the magnetic field is nearly vertical, the total magnetic field measurement over a thin vertical dike is very similar in shape to the anomaly from the HEM-derived susceptibility (a sharp peak over the body). The same vertical dike at the magnetic equator would yield a negative magnetic anomaly, but the HEM susceptibility anomaly would show a positive susceptibility peak.

Effects of Permeability and Dielectric Permittivity

Resistivity algorithms that assume free-space magnetic permeability and dielectric permittivity do not yield reliable values in highly magnetic or highly resistive areas. Both magnetic polarization and displacement currents cause a decrease in the in-phase component, often resulting in negative values that yield erroneously high apparent resistivities. The effects of magnetite occur at all frequencies, but are most evident at the lowest frequency. Conversely, the negative effects of dielectric permittivity are most evident at the higher frequencies, in resistive areas.

The table below shows the effects of varying permittivity over a resistive (10,000 ohm-m) half space, at frequencies of 56,000 Hz (DIGHEM^V) and 102,000 Hz (RESOLVE).

Apparent Resistivity Calculations
Effects of Permittivity on In-phase/Quadrature/Resistivity

Freq (Hz)	Coil	Sep (m)	Thres (ppm)	Alt (m)	In Phase	Quad Phase	App Res	App Depth (m)	Permittivity
56,000	CP	6.3	0.1	30	7.3	35.3	10118	-1.0	1 Air
56,000	CP	6.3	0.1	30	3.6	36.6	19838	-13.2	5 Quartz
56,000	CP	6.3	0.1	30	-1.1	38.3	81832	-25.7	10 Epidote
56,000	CP	6.3	0.1	30	-10.4	42.3	76620	-25.8	20 Granite
56,000	CP	6.3	0.1	30	-19.7	46.9	71550	-26.0	30 Diabase
56,000	CP	6.3	0.1	30	-28.7	52.0	66787	-26.1	40 Gabbro
102,000	CP	7.86	0.1	30	32.5	117.2	9409	-0.3	1 Air
102,000	CP	7.86	0.1	30	11.7	127.2	25956	-16.8	5 Quartz
102,000	CP	7.86	0.1	30	-14.0	141.6	97064	-26.5	10 Epidote
102,000	CP	7.86	0.1	30	-62.9	176.0	83995	-26.8	20 Granite
102,000	CP	7.86	0.1	30	-107.5	215.8	73320	-27.0	30 Diabase
102,000	CP	7.86	0.1	30	-147.1	259.2	64875	-27.2	40 Gabbro

Methods have been developed (Huang and Fraser, 2000, 2001) to correct apparent resistivities for the effects of permittivity and permeability. The corrected resistivities yield more credible values than if the effects of permittivity and permeability are disregarded.

Recognition of Culture

Cultural responses include all EM anomalies caused by man-made metallic objects. Such anomalies may be caused by inductive coupling or current gathering. The concern of the interpreter is to recognize when an EM response is due to culture. Points of consideration used by the interpreter, when coaxial and coplanar coil-pairs are operated at a common frequency, are as follows:

1. Channels CXPL and CPPL monitor 60 Hz radiation. An anomaly on these channels shows that the conductor is radiating power. Such an indication is normally a guarantee that the conductor is cultural. However, care must be taken to ensure that the conductor is not a geologic body that strikes across a power line, carrying leakage currents.

2. A flight that crosses a "line" (e.g., fence, telephone line, etc.) yields a centre-peaked coaxial anomaly and an m-shaped coplanar anomaly.[3] When the flight crosses the

[3] See Figure B-1 presented earlier.

cultural line at a high angle of intersection, the amplitude ratio of coaxial/coplanar response is 2. Such an EM anomaly can only be caused by a line. The geologic body that yields anomalies most closely resembling a line is the vertically dipping thin dike. Such a body, however, yields an amplitude ratio of 1 rather than 2. Consequently, an m-shaped coplanar anomaly with a CXI/CPI amplitude ratio of 2 is virtually a guarantee that the source is a cultural line.

3. A flight that crosses a sphere or horizontal disk yields centre-peaked coaxial and coplanar anomalies with a CXI/CPI amplitude ratio (i.e., coaxial/coplanar) of 1/8. In the absence of geologic bodies of this geometry, the most likely conductor is a metal roof or small fenced yard.[4] Anomalies of this type are virtually certain to be cultural if they occur in an area of culture.

4. A flight that crosses a horizontal rectangular body or wide ribbon yields an m-shaped coaxial anomaly and a centre-peaked coplanar anomaly. In the absence of geologic bodies of this geometry, the most likely conductor is a large fenced area.[5] Anomalies of this type are virtually certain to be cultural if they occur in an area of culture.
5. EM anomalies that coincide with culture, as seen on the camera film or video display, are usually caused by culture. However, care is taken with such coincidences because a geologic conductor could occur beneath a fence, for example. In this example, the fence would be expected to yield an m-shaped coplanar anomaly as in case #2 above. If, instead, a centre-peaked coplanar anomaly occurred, there would be concern that a thick geologic conductor coincided with the cultural line.

6. The above description of anomaly shapes is valid when the culture is not conductively coupled to the environment. In this case, the anomalies arise from inductive coupling to the EM transmitter. However, when the environment is quite conductive (e.g., less than 100 ohm-m at 900 Hz), the cultural conductor may be conductively coupled to the environment. In this latter case, the anomaly shapes tend to be governed by current gathering. Current gathering can completely distort the anomaly shapes, thereby complicating the identification of cultural anomalies. In such circumstances, the interpreter can only rely on the radiation channels and on the camera film or video records.

Magnetic Responses

The measured total magnetic field provides information on the magnetic properties of the earth materials in the survey area. The information can be used to locate magnetic bodies of direct interest for exploration, and for structural and lithological mapping.

---

[4] It is a characteristic of EM that geometrically similar anomalies are obtained from: (1) a planar conductor, and (2) a wire which forms a loop having dimensions identical to the perimeter of the equivalent planar conductor.

The total magnetic field response reflects the abundance of magnetic material in the source. Magnetite is the most common magnetic mineral. Other minerals such as ilmenite, pyrrhotite, franklinite, chromite, hematite, arsenopyrite, limonite and pyrite are also magnetic, but to a lesser extent than magnetite on average.

In some geological environments, an EM anomaly with magnetic correlation has a greater likelihood of being produced by sulphides than one which is non-magnetic. However, sulphide ore bodies may be non-magnetic (e.g., the Kidd Creek deposit near Timmins, Canada) as well as magnetic (e.g., the Mattabi deposit near Sturgeon Lake, Canada).

Iron ore deposits will be anomalously magnetic in comparison to surrounding rock due to the concentration of iron minerals such as magnetite, ilmenite and hematite.

Changes in magnetic susceptibility often allow rock units to be differentiated based on the total field magnetic response. Geophysical classifications may differ from geological classifications if various magnetite levels exist within one general geological classification. Geometric considerations of the source such as shape, dip and depth, inclination of the earth's field and remanent magnetization will complicate such an analysis.

In general, mafic lithologies contain more magnetite and are therefore more magnetic than many sediments which tend to be weakly magnetic. Metamorphism and alteration can also increase or decrease the magnetization of a rock unit.
Textural differences on a total field magnetic contour, colour or shadow map due to the frequency of activity of the magnetic parameter resulting from inhomogeneities in the distribution of magnetite within the rock, may define certain lithologies. For example, near surface volcanics may display highly complex contour patterns with little line-to-line correlation.

Rock units may be differentiated based on the plan shapes of their total field magnetic responses. Mafic intrusive plugs can appear as isolated "bulls-eye" anomalies. Granitic intrusives appear as sub-circular zones, and may have contrasting rings due to contact metamorphism. Generally, granitic terrain will lack a pronounced strike direction, although granite gneiss may display strike.

Linear north-south units are theoretically not well-defined on total field magnetic maps in equatorial regions due to the low inclination of the earth's magnetic field. However, most stratigraphic units will have variations in composition along strike that will cause the units to appear as a series of alternating magnetic highs and lows.

Faults and shear zones may be characterized by alteration that causes destruction of magnetite (e.g., weathering) that produces a contrast with surrounding rock. Structural breaks may be filled by magnetite-rich, fracture filling material as is the case with diabase dikes, or by non-magnetic felsic material.

Faulting can also be identified by patterns in the magnetic total field contours or colours. Faults and dikes tend to appear as lineaments and often have strike lengths of several kilometres. Offsets in narrow, magnetic, stratigraphic trends also delineate structure. Sharp

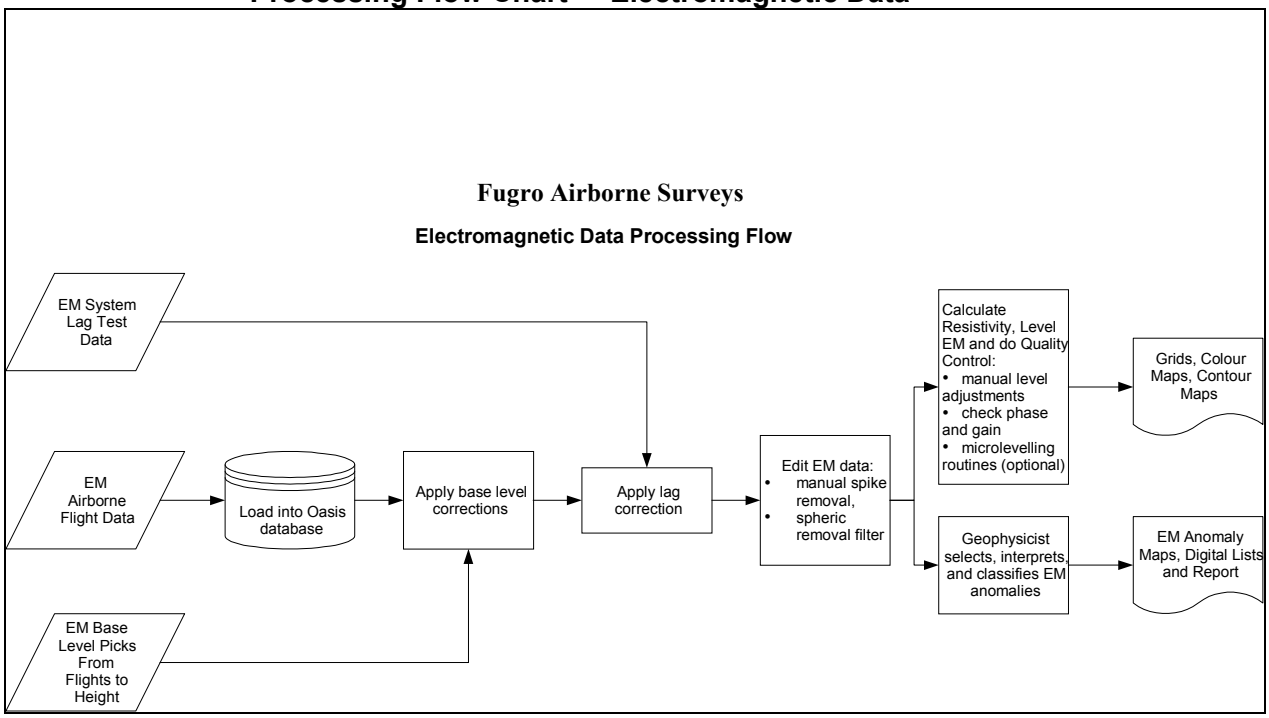
contrasts in magnetic lithologies may arise due to large displacements along strike-slip or dip-slip faults.

APPENDIX C

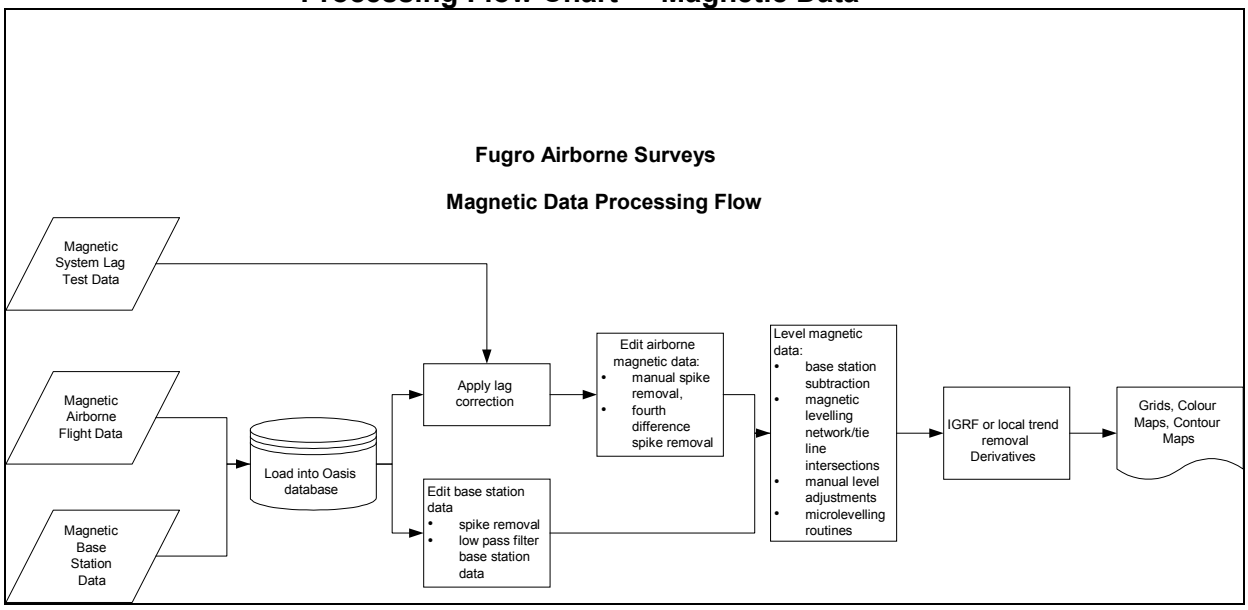
DATA PROCESSING

APPENDIX C

Processing Flow Chart - Electromagnetic Data



Processing Flow Chart - Magnetic Data



APPENDIX D

GLOSSARY

APPENDIX D
GLOSSARY OF AIRBORNE GEOPHYSICAL TERMS

Note: The definitions given in this glossary refer to the common terminology as used in airborne geophysics.

altitude attenuation: the absorption of gamma rays by the atmosphere between the earth and the detector. The number of gamma rays detected by a system decreases as the altitude increases.

apparent- : the ***physical parameters*** of the earth measured by a geophysical system are normally expressed as apparent, as in "apparent ***resistivity***". This means that the measurement is limited by assumptions made about the geology in calculating the response measured by the geophysical system. Apparent resistivity calculated with ***HEM***, for example, generally assumes that the earth is a ***homogeneous half-space*** – not layered.

amplitude: The strength of the total electromagnetic field. In ***frequency domain*** it is most often the sum of the squares of ***in-phase*** and ***quadrature*** components. In multi-component electromagnetic surveys it is generally the sum of the squares of all three directional components.

analytic signal: The total amplitude of all the directions of magnetic ***gradient***. Calculated as the sum of the squares.

anisotropy: Having different ***physical parameters*** in different directions. This can be caused by layering or fabric in the geology. Note that a unit can be anisotropic, but still **homogeneous**.

anomaly: A localized change in the geophysical data characteristic of a discrete source, such as a conductive or magnetic body. Something locally different from the **background**.

B-field: In time-domain **electromagnetic** surveys, the magnetic field component of the (electromagnetic) **field**. This can be measured directly, although more commonly it is calculated by integrating the time rate of change of the magnetic field **dB/dt**, as measured with a receiver coil.

background: The "normal" response in the geophysical data – that response observed over most of the survey area. **Anomalies** are usually measured relative to the background. In airborne gamma-ray spectrometric surveys the term defines the **cosmic**, radon, and aircraft responses in the absence of a signal from the ground.

base-level: The measured values in a geophysical system in the absence of any outside signal. All geophysical data are measured relative to the system base level.

base frequency: The frequency of the pulse repetition for a ***time-domain electromagnetic*** system. Measured between subsequent positive pulses.

bird: A common name for the pod towed beneath or behind an aircraft, carrying the geophysical sensor array.

calibration coil: A wire coil of known size and dipole moment, which is used to generate a field of known ***amplitude*** and ***phase*** in the receiver, for system calibration. Calibration coils can be external, or internal to the system. Internal coils may be called Q-coils.

coaxial coils: **[CX]** Coaxial coils are in the vertical plane, with their axes horizontal and collinear in the flight direction. These are most sensitive to vertical conductive objects in the ground, such as thin, steeply dipping conductors perpendicular to the flight direction. Coaxial coils generally give the sharpest anomalies over localized conductors. (See also ***coplanar coils***)

coil: A multi-turn wire loop used to transmit or detect electromagnetic fields. Time varying ***electromagnetic*** fields through a coil induce a voltage proportional to the strength of the field and the rate of change over time.

compensation: Correction of airborne geophysical data for the changing effect of the aircraft. This process is generally used to correct data in ***fixed-wing time-domain electromagnetic*** surveys (where the transmitter is on the aircraft and the receiver is moving), and magnetic surveys (where the sensor is on the aircraft, turning in the earth's magnetic field.

component: In ***frequency domain electromagnetic*** surveys this is one of the two **phase** measurements – ***in-phase or quadrature***. In "multi-component" electromagnetic surveys it is also used to define the measurement in one geometric direction (vertical, horizontal in-line and horizontal transverse – the Z, X and Y components).

Compton scattering: gamma ray photons will bounce off the nuclei of atoms they pass through (earth and atmosphere), reducing their energy and then being detected by ***radiometric*** sensors at lower energy levels. See also ***stripping***.

conductance: See ***conductivity thickness***

conductivity: [σ] The facility with which the earth or a geological formation conducts electricity. Conductivity is usually measured in milli-Siemens per metre (mS/m). It is the reciprocal of ***resistivity***.

conductivity-depth imaging: see ***conductivity-depth transform***.

conductivity-depth transform: A process for converting electromagnetic measurements to an approximation of the conductivity distribution vertically in the earth, assuming a ***layered earth***. (Macnae and Lamontagne, 1987; Wolfgram and Karlik, 1995)

conductivity thickness: [σ**t**] The product of the ***conductivity***, and thickness of a large, tabular body. (It is also called the "conductivity-thickness product") In electromagnetic geophysics, the response of a thin plate-like conductor is proportional to the conductivity

multiplied by thickness. For example a 10 metre thickness of 20 Siemens/m mineralization will be equivalent to 5 metres of 40 S/m; both have 200 S conductivity thickness. Sometimes referred to as conductance.

conductor: Used to describe anything in the ground more conductive than the surrounding geology. Conductors are most often clays or graphite, or hopefully some type of mineralization, but may also be man-made objects, such as fences or pipelines.

coplanar coils: **[CP]** The coplanar coils lie in the horizontal plane with their axes vertical, and parallel. These coils are most sensitive to massive conductive bodies, horizontal layers, and the ***halfspace***.

cosmic ray: High energy sub-atomic particles from outer space that collide with the earth's atmosphere to produce a shower of gamma rays (and other particles) at high energies.

counts (per second): The number of ***gamma-rays*** detected by a gamma-ray ***spectrometer*.** The rate depends on the geology, but also on the size and sensitivity of the detector.

culture: A term commonly used to denote any man-made object that creates a geophysical anomaly. Includes, but not limited to, power lines, pipelines, fences, and buildings.

current gathering: The tendency of electrical currents in the ground to channel into a conductive formation. This is particularly noticeable at higher frequencies or early time channels when the formation is long and parallel to the direction of current flow. This tends to enhance anomalies relative to inductive currents (see also ***induction***). Also known as current channelling.

current channelling: See current gathering.

daughter products: The radioactive natural sources of gamma-rays decay from the original element (commonly potassium, uranium, and thorium) to one or more lower-energy elements. Some of these lower energy elements are also radioactive and decay further. ***Gamma-ray spectrometry*** surveys may measure the gamma rays given off by the original element or by the decay of the daughter products.

dB/dt: As the ***secondary electromagnetic field*** changes with time, the magnetic field [**B**] component induces a voltage in the receiving ***coil***, which is proportional to the rate of change of the magnetic field over time.

decay: In ***time-domain electromagnetic*** theory, the weakening over time of the ***eddy currents*** in the ground, and hence the ***secondary field*** after the ***primary field*** electromagnetic pulse is turned off. In ***gamma-ray spectrometry***, the radioactive breakdown of an element, generally potassium, uranium, thorium, or one of their ***daughter*** products.

decay series: In ***gamma-ray spectrometry***, a series of progressively lower energy ***daughter products*** produced by the radioactive breakdown of uranium or thorium.

decay constant: see time constant.

depth of exploration: The maximum depth at which the geophysical system can detect the target. The depth of exploration depends very strongly on the type and size of the target, the contrast of the target with the surrounding geology, the homogeneity of the surrounding geology, and the type of geophysical system. One measure of the maximum depth of exploration for an electromagnetic system is the depth at which it can detect the strongest conductive target – generally a highly conductive horizontal layer.

differential resistivity: A process of transforming ***apparent resistivity*** to an approximation of layer resistivity at each depth. The method uses multi-frequency HEM data and approximates the effect of shallow layer ***conductance*** determined from higher frequencies to estimate the deeper conductivities (Huang and Fraser, 1996)

dipole moment: [NIA] For a transmitter, the product of the area of a ***coil***, the number of turns of wire, and the current flowing in the coil. At a distance significantly larger than the size of the coil, the magnetic field from a coil will be the same if the dipole moment product is the same. For a receiver coil, this is the product of the area and the number of turns. The sensitivity to a magnetic field (assuming the source is far away) will be the same if the dipole moment is the same.

diurnal: The daily variation in a natural field, normally used to describe the natural fluctuations (over hours and days) of the earth's magnetic field.

dielectric permittivity: **[ε]** The capacity of a material to store electrical charge, this is most often measured as the relative permittivity [ε_r], or ratio of the material dielectric to that of free space. The effect of high permittivity may be seen in HEM data at high frequencies over highly resistive geology as a reduced or negative ***in-phase***, and higher ***quadrature*** data.

drift: Long-time variations in the base-level or calibration of an instrument.

eddy currents: The electrical currents induced in the ground, or other conductors, by a time-varying ***electromagnetic field*** (usually the ***primary field***). Eddy currents are also induced in the aircraft's metal frame and skin; a source of ***noise*** in EM surveys.

electromagnetic: **[EM]** Comprised of a time-varying electrical and magnetic field. Radio waves are common electromagnetic fields. In geophysics, an electromagnetic system is one which transmits a time-varying ***primary field*** to induce ***eddy currents*** in the ground, and then measures the ***secondary field*** emitted by those eddy currents.

energy window: A broad spectrum of ***gamma-ray*** energies measured by a spectrometric survey. The energy of each gamma-ray is measured and divided up into numerous discrete energy levels, called windows.

equivalent (thorium or uranium): The amount of radioelement calculated to be present, based on the gamma-rays measured from a **daughter** element. This assumes that the ***decay series*** is in equilibrium – progressing normally.

fiducial, or fid: Timing mark on a survey record. Originally these were timing marks on a profile or film; now the term is generally used to describe 1-second interval timing records in digital data, and on maps or profiles.

fixed-wing: Aircraft with wings, as opposed to "rotary wing" helicopters.

footprint: This is a measure of the area of sensitivity under the aircraft of an airborne geophysical system. The footprint of an ***electromagnetic*** system is dependent on the altitude of the system, the orientation of the transmitter and receiver and the separation between the receiver and transmitter, and the conductivity of the ground. The footprint of a ***gamma-ray spectrometer*** depends mostly on the altitude. For all geophysical systems, the footprint also depends on the strength of the contrasting ***anomaly***.

frequency domain: An ***electromagnetic*** system which transmits a ***primary field*** that oscillates smoothly over time (sinusoidal), inducing a similarly varying electrical current in the ground. These systems generally measure the changes in the ***amplitude*** and ***phase*** of the ***secondary field*** from the ground at different frequencies by measuring the **in-phase** and **quadrature** phase components. See also ***time-domain***.

full-stream data: Data collected and recorded continuously at the highest possible sampling rate. Normal data are stacked (see ***stacking***) over some time interval before recording.

gamma-ray: A very high-energy photon, emitted from the nucleus of an atom as it undergoes a change in energy levels.

gamma-ray spectrometry: Measurement of the number and energy of natural (and sometimes man-made) gamma-rays across a range of photon energies.

gradient: In magnetic surveys, the gradient is the change of the magnetic field over a distance, either vertically or horizontally in either of two directions. Gradient data is often measured, or calculated from the total magnetic field data because it changes more quickly over distance than the ***total magnetic field***, and so may provide a more precise measure of the location of a source. See also ***analytic signal***.

ground effect: The response from the earth. A common calibration procedure in many geophysical surveys is to fly to altitude high enough to be beyond any measurable response from the ground, and there establish ***base levels*** or ***backgrounds***.

half-space: A mathematical model used to describe the earth – as infinite in width, length, and depth below the surface. The most common halfspace models are ***homogeneous*** and ***layered earth***.

heading error: A slight change in the magnetic field measured when flying in opposite directions.

HEM: Helicopter ElectroMagnetic, This designation is most commonly used to helicopter-borne, ***frequency-domain*** electromagnetic systems. At present, the transmitter and receivers are normally mounted in a ***bird*** carried on a sling line beneath the helicopter.

herringbone pattern: a pattern created in geophysical data by an asymmetric system, where the **anomaly** may be extended to either side of the source, in the direction of flight. Appears like fish bones, or like the teeth of a comb, extending either side of centre, each tooth an alternate flight line.

homogeneous: This is a geological unit that has the same ***physical parameters*** throughout its volume. This unit will create the same response to an HEM system anywhere, and the HEM system will measure the same apparent ***resistivity*** anywhere. The response may change with system direction (see ***anisotropy***).

in-phase: the component of the measured ***secondary field*** that has the same phase as the transmitter and the ***primary field***. The in-phase component is stronger than the ***quadrature*** phase over relatively higher ***conductivity***.

induction: Any time-varying electromagnetic field will induce (cause) electrical currents to flow in any object with non-zero ***conductivity***. (see ***eddy currents***)

infinite: In geophysical terms, an "infinite' dimension is one much greater than the ***footprint*** of the system, so that the system does not detect changes at the edges of the object.

International Geomagnetic Reference Field: **[IGRF]** An approximation of the smooth magnetic field of the earth, in the absence of variations due to local geology. Once the IGRF is subtracted from the measured magnetic total field data, any remaining variations are assumed to be due to local geology. The IGRF also predicts the slow changes of the field up to five years in the future.

inversion, or **inverse modeling**: A process of converting geophysical data to an earth model, which compares theoretical models of the response of the earth to the data measured, and refines the model until the response closely fits the measured data (Huang and Palacky, 1991)

layered earth: A common geophysical model which assumes that the earth is horizontally layered – the ***physical parameters*** are constant to ***infinite*** distance horizontally, but change vertically.

magnetic permeability: **[μ]** This is defined as the ratio of magnetic induction to the inducing magnetic field. The relative magnetic permeability [μ_r] is often quoted, which is the ratio of the rock permeability to the permeability of free space. In geology and geophysics, the ***magnetic susceptibility*** is more commonly used to describe rocks.

magnetic susceptibility: **[k]** A measure of the degree to which a body is magnetized. In SI units this is related to relative ***magnetic permeability*** by $k=\mu_r-1$, and is a dimensionless unit. For most geological material, susceptibility is influenced primarily by the percentage of magnetite. It is most often quoted in units of 10^{-6}. In HEM data this is most often apparent as a negative ***in-phase*** component over high susceptibility, high ***resistivity*** geology such as diabase dikes.

noise: That part of a geophysical measurement that the user does not want. Typically this includes electronic interference from the system, the atmosphere (***sferics***), and man-made sources. This can be a subjective judgment, as it may include the response from geology other than the target of interest. Commonly the term is used to refer to high frequency (short period) interference. See also ***drift***.

Occam's inversion: an ***inversion*** process that matches the measured ***electromagnetic*** data to a theoretical model of many, thin layers with constant thickness and varying resistivity (Constable et al, 1987).

off-time: In a ***time-domain electromagnetic*** survey, the time after the end of the ***primary field pulse***, and before the start of the next pulse.

on-time: In a ***time-domain electromagnetic*** survey, the time during the ***primary field pulse***.

phase: The angular difference in time between a measured sinusoidal electromagnetic field and a reference – normally the primary field. The phase is calculated from $\tan^{-1}$(***in-phase / quadrature***).

physical parameters: These are the characteristics of a geological unit. For electromagnetic surveys, the important parameters for electromagnetic surveys are ***conductivity, magnetic permeability*** (or ***susceptibility***) and ***dielectric permittivity***; for magnetic surveys the parameter is magnetic susceptibility, and for gamma ray spectrometric surveys it is the concentration of the major radioactive elements: potassium, uranium, and thorium.

permittivity: see ***dielectric permittivity***.

permeability: see ***magnetic permeability***.

primary field: the EM field emitted by a transmitter. This field induces ***eddy currents*** in (energizes) the conductors in the ground, which then create their own ***secondary*** **fields**.

pulse: In time-domain EM surveys, the short period of intense ***primary*** field transmission. Most measurements (the ***off-time***) are measured after the pulse.

quadrature: that component of the measured ***secondary field*** that is phase-shifted 90° from the ***primary field***. The quadrature component tends to be stronger than the ***in-phase*** over relatively weaker ***conductivity***.

Q-coils: see ***calibration coil***.

radiometric: Commonly used to refer to ***gamma ray*** spectrometry.

radon: A radioactive daughter product of uranium and thorium, radon is a gas which can leak into the atmosphere, adding to the non-geological background of a gamma-ray spectrometric survey.

resistivity: **[ρ]** The strength with which the earth or a geological formation resists the flow of electricity, typically the flow induced by the ***primary field*** of the electromagnetic transmitter. Normally expressed in ohm-metres, it is the reciprocal of ***conductivity***.

resistivity-depth transforms: similar to ***conductivity depth transforms***, but the calculated ***conductivity*** has been converted to ***resistivity***.

resistivity section: an approximate vertical section of the resistivity of the layers in the earth. The resistivities can be derived from the ***apparent resistivity***, the ***differential resistivities***, ***resistivity-depth transforms***, or ***inversions***.

secondary field: The field created by conductors in the ground, as a result of electrical currents induced by the ***primary field*** from the ***electromagnetic*** transmitter. Airborne ***electromagnetic*** systems are designed to create, and measure a secondary field.

Sengpiel section: a ***resistivity section*** derived using the ***apparent resistivity*** and an approximation of the depth of maximum sensitivity for each frequency.

sferic: Lightning, or the ***electromagnetic*** signal from lightning, it is an abbreviation of "atmospheric discharge". These appear to magnetic and electromagnetic sensors as sharp "spikes" in the data. Under some conditions lightning storms can be detected from hundreds of kilometres away. (see ***noise***)

signal: That component of a measurement that the user wants to see – the response from the targets, from the earth, etc. (See also ***noise***)

skin depth: A measure of the depth of penetration of an electromagnetic field into a material. It is defined as the depth at which the primary field decreases to 1/e of the field at the surface. It is calculated by approximately 503 x $\sqrt{}$(resistivity/frequency). Note that depth of penetration is greater at higher ***resistivity*** and/or lower ***frequency***.

spectrometry: Measurement across a range of energies, where ***amplitude*** and energy are defined for each measurement. In gamma-ray spectrometry, the number of gamma rays are measured for each energy ***window***, to define the ***spectrum***.

spectrum: In ***gamma ray spectrometry***, the continuous range of energy over which gamma rays are measured. In ***time-domain electromagnetic*** surveys, the spectrum is the energy of the **pulse** distributed across an equivalent, continuous range of frequencies.

spheric: see ***sferic***.

stacking: Summing repeat measurements over time to enhance the repeating ***signal***, and minimize the random ***noise***.

stripping: Estimation and correction for the gamma ray photons of higher and lower energy that are observed in a particular ***energy window***. See also ***Compton scattering***.

susceptibility: See ***magnetic susceptibility***.

tau: [τ] Often used as a name for the ***time constant***.

TDEM: ***time domain electromagnetic***.

thin sheet: A standard model for electromagnetic geophysical theory. It is usually defined as thin, flat-lying, and ***infinite*** in both horizontal directions. (see also ***vertical plate***)

tie-line: A survey line flown across most of the ***traverse lines***, generally perpendicular to them, to assist in measuring ***drift*** and ***diurnal*** variation. In the short time required to fly a tie-line it is assumed that the drift and/or diurnal will be minimal, or at least changing at a constant rate.

time constant: The time required for an ***electromagnetic*** field to decay to a value of 1/e of the original value. In ***time-domain*** electromagnetic data, the time constant is proportional to the size and ***conductance*** of a tabular conductive body. Also called the decay constant.

Time channel: In ***time-domain electromagnetic*** surveys the decaying ***secondary field*** is measured over a period of time, and the divided up into a series of consecutive discrete measurements over that time.

time-domain: ***Electromagnetic*** system which transmits a pulsed, or stepped ***electromagnetic*** field. These systems induce an electrical current (***eddy current***) in the ground that persists after the ***primary field*** is turned off, and measure the change over time of the ***secondary field*** created as the currents ***decay***. See also ***frequency-domain***.

total energy envelope: The sum of the squares of the three ***components*** of the ***time-domain electromagnetic secondary field***. Equivalent to the ***amplitude*** of the secondary field.

transient: Time-varying. Usually used to describe a very short period pulse of ***electromagnetic*** field.

traverse line: A normal geophysical survey line. Normally parallel traverse lines are flown across the property in spacing of 50 m to 500 m, and generally perpendicular to the target geology.

vertical plate: A standard model for electromagnetic geophysical theory. It is usually defined as thin, and ***infinite*** in horizontal dimension and depth extent. (see also ***thin shee***t)

waveform: The shape of the ***electromagnetic pulse*** from a ***time-domain*** electromagnetic transmitter.

window: A discrete portion of a ***gamma-ray spectrum*** or ***time-domain electromagnetic decay***. The continuous energy spectrum or ***full-stream*** data are grouped into windows to reduce the number of samples, and reduce ***noise***.

Version 1.1, March 10, 2003
Greg Hodges,
Chief Geophysicist
Fugro Airborne Surveys, Toronto

Common Symbols and Acronyms

k	Magnetic susceptibility
ε	Dielectric permittivity
μ, μ_r	Magnetic permeability, apparent permeability
ρ, ρ_a	Resistivity, apparent resistivity
σ,σ_a	Conductivity, apparent conductivity
σt	Conductivity thickness
τ	Tau, or time constant
Ω.m	Ohm-metres, units of resistivity
AGS	Airborne gamma ray spectrometry.
CDT	Conductivity-depth transform, conductivity-depth imaging (Macnae and Lamontagne, 1987; Wolfgram and Karlik, 1995)
CPI, CPQ	Coplanar in-phase, quadrature
CPS	Counts per second
CTP	Conductivity thickness product
CXI, CXQ	Coaxial, in-phase, quadrature
fT	femtoteslas, normal unit for measurement of B-Field
EM	Electromagnetic
keV	kilo electron volts – a measure of gamma-ray energy
MeV	mega electron volts – a measure of gamma-ray energy 1MeV = 1000keV
NIA	dipole moment: turns x current x Area
nT	nano-Tesla, a measure of the strength of a magnetic field
ppm	parts per million – a measure of secondary field or noise relative to the primary.
pT/s	picoTeslas per second: Units of decay of secondary field, dB/dt
S	Siemens – a unit of conductance
x:	the horizontal component of an EM field parallel to the direction of flight.
y:	the horizontal component of an EM field perpendicular to the direction of flight.
z:	the vertical component of an EM field.

References:

Constable, S.C., Parker, R.L., And Constable, C.G., 1987, Occam's inversion: a practical algorithm for generating smooth models from electromagnetic sounding data: Geophysics, 52, 289-300

Huang, H. and Fraser, D.C, 1996. The differential parameter method for muiltifrequency airborne resistivity mapping. Geophysics, 55, 1327-1337

Huang, H. and Palacky, G.J., 1991, Damped least-squares inversion of time-domain airborne EM data based on singular value decomposition: Geophysical Prospecting, v.39, 827-844

Macnae, J. and Lamontagne, Y., 1987, Imaging quasi-layered conductive structures by simple processing of transient electromagnetic data: Geophysics, v52, 4, 545-554.

Sengpiel, K-P. 1988, Approximate inversion of airborne EM data from a multi-layered ground. Geophysical Prospecting, 36, 446-459

Wolfgram, P. and Karlik, G., 1995, Conductivity-depth transform of GEOTEM data: Exploration Geophysics, 26, 179-185.

Yin, C. and Fraser, D.C. (2002), The effect of the electrical anisotropy on the responses of helicopter-borne frequency domain electromagnetic systems, Submitted to *Geophysical Prospecting*

APPENDIX E

ARCHIVE DESCRIPTION

- Appendix E.1 -

Fugro Archive Summary

Reference: CDVD00878
# of DVD's: 1
Archive Date: December 01, 2011

This archive contains FINAL data and grids of an airborne DighemV electromagnetic and magnetic geophysical survey over the MacPass and Ben Claims, Yukon, conducted by FUGRO AIRBORNE SURVEYS CORP. on behalf of Colorado Resources Ltd., flown from July 11 to August 3, 2011.

Job # 11046

******* Disc 1 of 1 *******

\GRIDS Grids in Geosoft format (with associated GI files)

Ben_CVG.GRD	- Calculated Vertical Magnetic Gradient nT/m
Ben_MAG.GRD	- Residual Magnetic Intensity nT
Ben_RES900.GRD	- Apparent Resistivity 900 Hz ohm•m
Ben_RES7200.GRD	- Apparent Resistivity 7200 Hz ohm•m
Ben_RES56K.GRD	- Apparent Resistivity 56k Hz ohm•m
MacPass_CVG.GRD	- Calculated Vertical Magnetic Gradient nT/m
MacPass_MAG.GRD	- Residual Magnetic Intensity nT
MacPass_RES900.GRD	- Apparent Resistivity 900 Hz ohm•m
MacPass_RES7200.GRD	- Apparent Resistivity 7200 Hz ohm•m
MacPass_RES56K.GRD	- Apparent Resistivity 56k Hz ohm•m

\LINEDATA

Ben.GDB	- Data archive in Geosoft GDB format
Ben.XYZ	- Data archive in Geosoft ASCII format
AEM_Ben.XYZ	- Anomaly archive in ASCII format
MacPass.GDB	- Data archive in Geosoft GDB format
MacPass.XYZ	- Data archive in Geosoft ASCII format
AEM_Pass.XYZ	- Anomaly archive in ASCII format

\MAPS\GEOSOFT Final colour maps in Geosoft format (* represents sheet 1, 2, 3, 4, or 6)

Ben_AEM.MAP	- Electromagnetic Anomalies sheet
Ben_CVG.MAP	- Calculated Vertical Magnetic Gradient nT/m sheet
Ben_MAG.MAP	- Residual Magnetic Intensity nT sheet
Ben_RES900.MAP	- Apparent Resistivity 900 Hz ohm•m sheet
Ben_RES7200.MAP	- Apparent Resistivity 7200 Hz ohm•m sheet
Ben_RES56K.MAP	- Apparent Resistivity 56 KHz ohm•m sheet
MacPass_AEM-*.MAP	- Electromagnetic Anomalies sheet

MacPass_CVG-*.MAP	- Calculated Vertical Magnetic Gradient nT/m sheet
MacPass_MAG-*.MAP	- Residual Magnetic Intensity nT sheet
MacPass_RES900-*.MAP	- Apparent Resistivity 900 Hz ohm•m sheet
MacPass_RES7200-*.MAP	- Apparent Resistivity 7200 Hz ohm•m sheet
MacPass_RES56K-*.MAP	- Apparent Resistivity 56 KHz ohm•m sheet

\MAPS\PDF Final colour maps in PDF format (* represents sheet 1, 2, 3, 4, or 6)

Ben_AEM.MAP	- Electromagnetic Anomalies sheet
Ben_CVG.MAP	- Calculated Vertical Magnetic Gradient nT/m sheet
Ben_MAG.MAP	- Residual Magnetic Intensity nT sheet
Ben_RES900.MAP	- Apparent Resistivity 900 Hz ohm•m sheet
Ben_RES7200.MAP	- Apparent Resistivity 7200 Hz ohm•m sheet
Ben_RES56K.MAP	- Apparent Resistivity 56 KHz ohm•m sheet
MacPass_AEM-*.MAP	- Electromagnetic Anomalies sheet
MacPass_CVG-*.MAP	- Calculated Vertical Magnetic Gradient nT/m sheet
MacPass_MAG-*.MAP	- Residual Magnetic Intensity nT sheet
MacPass_RES900-*.MAP	- Apparent Resistivity 900 Hz ohm•m sheet
MacPass_RES7200-*.MAP	- Apparent Resistivity 7200 Hz ohm•m sheet
MacPass_RES56K-*.MAP	- Apparent Resistivity 56 KHz ohm•m sheet

\REPORT

R11046.PDF	- Interpretation Report
Anomalies_11046a_MacPass.PDF	- Anomaly Table, Mac Pass Claim Group area
Anomalies_11046b_Ben.PDF	- Anomaly Table, Ben Claims Area

\VECTORS Final vectors files in DXF format (* represents sheet 1, 2, 3, 4, or 6)

FP_Ben.DXF	- Flightpath
AEM_Ben.DXF	- Anomaly Picks
Interp_Ben.DXF	- Interpretation
FP_MacPass-*.DXF	- Flighpath
AEM_MacPass-*.DXF	- Anomaly Picks
Interp_MacPass-*.DXF	- Interpretation

****

GEOSOFT GDB and XYZ ARCHIVE SUMMARY

#	CHANNEL NAME	TIME	UNITS	DESCRIPTION
1	x	0.1	m	easting NAD 83 (UTM Zone 9)
2	y	0.1	m	northing NAD 83 (UTM Zone 9)
3	fid	0.1		fiducial increment
4	longitude	0.1	degrees	longitude WGS 84
5	latitude	0.1	degrees	latitude WGS 84
6	flight	0.1		flight number

7	date	0.1		flight date (yyyy/mm/dd)
8	altrad_bird	0.1	m	calculated bird height above surface from radar altimeter
9	altlas_bird	0.1	m	measured bird height above surface from laser altimeter
10	gpsz	0.1	m	bird height above spheroid
11	dtm	0.1	m	digital terrain model (above WGS 84 datum)
12	diurnal_filt	1.0	nT	measured diurnal ground magnetic intensity
13	diurnal_cor	0.1	nT	diurnal correction - base removed
14	mag_raw	0.1	nT	total magnetic field - spike rejected
15	mag_lag	0.1	nT	total magnetic field - corrected for lag
16	mag_diu	0.1	nT	total magnetic field - diurnal variation removed
17	igrf	0.1	nT	international geomagnetic reference field
18	mag_rmi	0.1	nT	residual magnetic intensity - final
19	cpi900_filt	0.1	ppm	coplanar inphase 900 Hz - unlevelled
20	cpq900_filt	0.1	ppm	coplanar quadrature 900 Hz - unlevelled
21	cxi1000_filt	0.1	ppm	coaxial inphase 1000 Hz - unlevelled
22	cxq1000_filt	0.1	ppm	coaxial quadrature 1000 Hz - unlevelled
23	cxi5500_filt	0.1	ppm	coaxial inphase 5500 Hz - unlevelled
24	cxq5500_filt	0.1	ppm	coaxial quadrature 5500 Hz -unlevelled
25	cpi7200_filt	0.1	ppm	coplanar inphase 7200 Hz - unlevelled
26	cpq7200_filt	0.1	ppm	coplanar quadrature 7200 Hz -unlevelled
27	cpi56k_filt	0.1	ppm	coplanar inphase 56 kHz - unlevelled
28	cpq56k_filt	0.1	ppm	coplanar quadrature 56 kHz - unlevelled
29	cpi900	0.1	ppm	coplanar inphase 900 Hz
30	cpq900	0.1	ppm	coplanar quadrature 900 Hz
31	cxi1000	0.1	ppm	coaxial inphase 1000 Hz
32	cxq1000	0.1	ppm	coaxial quadrature 1000 Hz
33	cxi5500	0.1	ppm	coaxial inphase 5500 Hz
34	cxq5500	0.1	ppm	coaxial quadrature 5500 Hz
35	cpi7200	0.1	ppm	coplanar inphase 7200 Hz
36	cpq7200	0.1	ppm	coplanar quadrature 7200 Hz
37	cpi56k	0.1	ppm	coplanar inphase 56 kHz
38	cpq56k	0.1	ppm	coplanar quadrature 56 kHz
39	res900	0.1	ohm·m	apparent resistivity - 900 Hz
40	res7200	0.1	ohm·m	apparent resistivity - 7200 Hz
41	res56k	0.1	ohm·m	apparent resistivity - 56 kHz
42	dep900	0.1	m	apparent depth - 900 Hz
43	dep7200	0.1	m	apparent depth - 7200 Hz
44	dep56k	0.1	m	apparent depth - 56 kHz
45	difi	0.1		difference channel based on cxi5500/cpi7200
46	difq	0.1		difference channel based on cxq5500/cpq7200
47	cppl	0.1		coplanar powerline monitor
48	cxsp	0.1		coaxial spherics monitor
49	cpsp	0.1		coplanar spherics monitor

FUGRO ANOMALY SUMMARY

#	CHANNEL NAME	TIME	UNITS	DESCRIPTION

- Appendix E.4 -

1	Easting	0.10	m	easting NAD83 (Zone 9N)
2	Northing	0.10	m	northing NAD83 (Zone 9N)
3	FID	1.00		Synchronization Counter
4	FLT	0.10		Flight
5	MHOS	0.10	siemens	Conductance (see report for model used)
6	DEPTH	0.10	m	Depth (see report for model used)
7	MAG	0.10	nT	Mag Correlation, local amplitude
8	CXI1	0.10	ppm	Inphase Coaxial 5500 Hz, local amplitude
9	CXQ1	0.10	ppm	Quadrature Coaxial 5500 Hz, local amplitude
10	CPI1	0.10	ppm	Inphase Coplanar 7200 Hz, absolute amplitude
11	CPQ1	0.10	ppm	Quadrature Coplanar 7200 Hz, absolute amplitude
12	CPI2	0.10	ppm	Inphase Coplanar 56000 Hz, absolute amplitude
13	CPQ2	0.10	ppm	Quadrature Coplanar 56000 Hz, absolute amplitude
14	LET	0.10		Anomaly Identifier
15	SYM	0.10		Anomaly Interpretation Symbol
16	GRD	0.10		Anomaly Grade

The coordinate system for all grids and the data archive is projected as follows

Datum	NAD83
Spheroid	GRS80
Central meridian	129 West (Zone 9N)
False easting	500000
False northing	0
Scale factor	0.9996
Northern parallel	N/A
Base parallel	N/A
WGS84 to local conversion method	Molodensky
Delta X shift	0
Delta Y shift	0
Delta Z shift	0

If you have any problems with this archive please contact

Fugro Airborne Surveys Corp.
2505 Meadowvale Boulevard
Mississauga, Ontario
Canada L5N 5S2
Phone +1 905 812 0212
Fax +1 905 812 1504
Website www.fugroairborne.com


150°W
145°W
140°W
135°W
130°W
125°W
70°N
65°N
60°N
59°N
Colorado Resources Ltd.
B.C. & Yukon Projects
Alaska
Yukon Territory
N.W.T.
Dawson City
Mayo
Pelly Crossing
Carmacks
Faro
Ross River
Whitehorse
BEN
0
100
200
Kilometers

Figure 1

Colorado Resources Ltd.

BEN PROPERTY

Figure 2: Claim Map

MacMillan Pass Area, Watson Lake Mining District, Yukon

Maps:105O/01,105P/04 Datum:NAD83 UTM Zone 9 Date: 2012-01-15

N

444000 445000 446000 447000 448000 449000 450000 451000 452000 453000

7000000 6999000 6998000 6997000 6996000 6995000

BEN 19 YE39019
BEN 20 YE39020
BEN 17 YE39017
BEN 39 YE39039
BEN 18 YE39018
BEN 40 YE39040
BEN 15 YE39015
BEN 37 YE39037
BEN 59 YE39059
BEN 16 YE39016
BEN 38 YE39038
BEN 60 YE39060
BEN 13 YE39013
BEN 35 YE39035
BEN 57 YE39057
BEN 79 YE39079
BEN 14 YE39014
BEN 36 YE39036
BEN 58 YE39058
BEN 80 YE39080
BEN 11 YE39011
BEN 33 YE39033
BEN 55 YE39055
BEN 77 YE39077
BEN 12 YE39012
BEN 34 YE39034
BEN 56 YE39056
BEN 78 YE39078
BEN 9 YE39009
BEN 31 YE39031
BEN 53 YE39053
BEN 75 YE39075
BEN 10 YE39010
BEN 32 YE39032
BEN 54 YE39054
BEN 76 YE39076
BEN 7 YE39007
BEN 29 YE39029
BEN 51 YE39051
BEN 73 YE39073
BEN 8 YE39008
BEN 30 YE39030
BEN 52 YE39052
BEN 74 YE39074
BEN 5 YE39005
BEN 27 YE39027
BEN 49 YE39049
BEN 71 YE39071
BEN 6 YE39006
BEN 28 YE39028
BEN 50 YE39050
BEN 72 YE39072
BEN 3 YE39003
BEN 25 YE39025
BEN 47 YE39047
BEN 69 YE39069
BEN 4 YE39004
BEN 26 YE39026
BEN 48 YE39048
BEN 70 YE39070
BEN 1 YE39001
BEN 23 YE39023
BEN 45 YE39045
BEN 67 YE39067
BEN 2 YE39002
BEN 24 YE39024
BEN 46 YE39046
BEN 68 YE39068
BEN 21 YE39021
BEN 43 YE39043
BEN 65 YE39065
BEN 22 YE39022
BEN 44 YE39044
BEN 66 YE39066
BEN 41 YE39041
BEN 63 YE39063
BEN 42 YE39042
BEN 64 YE39064
BEN 61 YE39061
BEN 62 YE39062

105O01

105P04

1:25,000

0 500 1,000 1,500 2,000

Meters

Legend

- BEN Claim Group
- BEN Quartz Claims
- Other Quartz Claims

Colorado Resources Ltd.

BEN PROPERTY

Figure 3: Regional Geology Map

MacMillan Pass Area, Watson Lake Mining District, Yukon

Mapsheet(s):105O/01 & 105P/04 Datum:NAD83 UTM Zone 9 Date:2012-01-17

N

410000 420000 430000 440000 450000

7020000 7010000 7000000 6990000

105O07 105O08 105O01 105P04

MacTung (W)
North American Tungsten

Mac Pass
Air Strip

Tom (Zn,Pb,Ag)
HudBay

Jason (Zn,Pb,Ag)
Teck

BEN Property

Mining Rd.
(To Mac Pass)

North Canol Rd.

1:150,000

0 2 4 6 8 10
Kilometers

Geology: ABBOTT, G. 2012;
Geology of the Macmillan Pass Area.

ABBOTT GEOLOGY LEGEND

CRETACEOUS

Kg — Resistant, blocky, grey weathering porphyritic to equigranular biotite quartz monzonite and biotite granite

TRIASSIC

TJJ — *JONES LAKE FORMATION:* recessive dull brown weathering thin bedded to thinly laminated calcareous sandstone and shale

PERMIAN

MPMC — *MOUNT CHRISTIE FORMATION:* resistant dark orange-brown weathering, interbedded greenish grey siliceous shale and recessive green shale

UPPER DEVONIAN AND MISSISSIPPIAN

TSICHU GROUP
CARBON PASS FORMATION: grey weathering thick bedded to massive biodiastic limestone, minor quartz arenite and shale.

MCP — *SANDSTONE FACIES:* dark grey weathering massive to thick bedded quartz arenite; thin to medium bedded sandstone and quartz arenite with shale interbeds

MTse — *SHALE FACIES:* recessive brown, blue-brown and dark blue weathering silty shale, shale and siliceous shale with minor sand stone and quartz arenite. Commonly includes a basal interval of blue weathering siliceous shale

DMTsh

UPPER DEVONIAN

DI — *ITSI FORMATION:* resistant brown weathering, thick bedded, parallel laminated and ripple cross laminated sandstone, siltstone and shale. In southwest 105O/1 and southwest 105O/2, brown weathering shale, siltstone and minor sandstone

LOWER (?) to UPPER DEVONIAN

PORTRAIT LAKE FORMATION undivided
SHALE FACIES: talus-forming silver-blue weathering platey, siliceous shale, minor chert;

DPLsh — *CONGLOMERATE FACIES:* black to dark blue weathering massive chert pebble conglomerate

DPLcg

MIDDLE(?) AND UPPER DEVONIAN

PORTRAIT LAKE FORMATION
FOLLIOT LAKE MEMBER: talus-forming silver-blue weathering platey, siliceous shale, minor chert. Thin beds of coarse grained limestone and platy grey weathering barite in beds less than 1 m thick occur intermittently near the top of the unit

DP

MIDDLE DEVONIAN

MACMILLAN PASS MEMBER:
CONGLOMERATIC FACIES: Resistant grey weathering massive chert pebble conglomerate with minor sandstone and grit

DMcg

SANDSTONE FACIES: brown weathering coarse to medium grained sandstone, siltstone with lesser chert pebble conglomerate and shale

DMss

SHALE FACIES: brown weathering thinly laminated grey shale and siltstone with lesser chert and quartz sandstone, grit and minor chert conglomerate

DMsh

LOWER AND MIDDLE DEVONIAN

DN — *NIDDERY LAKE MEMBER:* black to dark blue weathering thin bedded chert, cherty argillite, and siliceous shale. North of the Macmillan Fault zone, light grey clastic limestone forms beds up to 1 m thick near the base and intermittent barite up to 30 m thick forms one of more horizons.

LOWER DEVONIAN

Dv — *MACMILLAN PASS VOLCANICS:* orange weathering carbonate rich mafic volcaniclastic rocks and minor related sedimentary rocks. Local blocky, resistant dark grey weathering coarse grained sills

ORDOVICIAN TO MIDDLE DEVONIAN

ODu — *SAPPER, STEEL and DUO LAKES FORMATIONS* undivided

UPPER SILURIAN TO MIDDLE DEVONIAN

SDs — *SAPPER FORMATION:* buff to tan weathering platy silty limestone, calcareous black shale. Locally includes lenses of massive grey limestone in 105O/1

UPPER SILURIAN TO MIDDLE DEVONIAN

SDs — *SAPPER FORMATION:* buff to tan weathering platy silty limestone, calcareous black shale. Locally includes lenses of massive grey limestone in 105O/1

UPPER SILURIAN

Ss — *STEEL FORMATION:* orange to green weathering bioturbated, wispy laminated green shale and mudstone

EARLY ORDOVICIAN TO MIDDLE SILURIAN

OSd — *DUO LAKES/LABIR CREEK FORMATIONS:* brown weathering medium bedded chert overlain by silver to dark blue weathering thin bedded bark chert and siliceous shale. Grades westward to chert of the Elmer Creek Formation in 105O/7 north of the Macmillan Fault zone

UPPER CAMBRIAN TO MIDDLE ORDOVICIAN

COH — *RABBITKETTLE FORMATION:* grey weathering thin bedded silty limestone with minor limestone and grey shale interbeds

MIDDLE CAMBRIAN

CH — *HESS RIVER FORMATION:* blue brown weathering siliceous shale with minor limestone and limestone conglomerate.

LOWER AND MIDDLE CAMBRIAN

CS — *SEKWI FORMATION:* intermittent orange weathering thin bedded grey limestone and limestone conglomerate.

NEOPROTEROZOIC AND LOWER CAMBRIAN

PCv — *VAMPIRE FORMATION:* dark brown and grey weathering grey shale, siltstone and minor sandstone

Legend

Minfile

- Deposit
- Drilled Prospect
- Prospect
- Showing
- Anomaly



Colorado Resources Ltd.

BEN PROPERTY

Figure 4: Sample Location Map

MacMillan Pass Area, Watson Lake Mining District, Yukon

Maps:105O/01,105P/04 Datum:NAD83 UTM Zone 9 Date: 2012-01-15

N

446000 447000 448000 449000 450000

6998000 6997000 6996000

105O01 105P04

1286991 1286990 1286989 1286988 1286987 1286986 1286985 1286984 1286983 1286982 1286981 1286980 1286979 1286978 1286977 1286976 1286975 1286974 1286973 1286972 1286971 1286970 1286969 1286968 1286967 1286966 1286965 1286964 1286963 1286962 1286961 1286960 1286959 1286958

1104325 1104324

1281245 1281244 1281243 1281242 1281241 1281240 1281239 1281238 1281237 1281236 1281235 1281234 1281233 1281232 1281231 1281230 1281229 1281228 1281227 1281226

1104480 1104481 1104482 1104485 1104483 1104484 1104486 1104487 1104488

1285283 1285284 1285288 1285287 1285285 1285286 1285289 1285290 1285372 1285370 1285369 1285371

1285373 1285374 1285367 1285366 1285365 1285375 1285363 1285376 1285364 1285362 1285377

1104489 1104490 1104491 1104492 1104493 1104494

1104337 1104336

1287850 1287849 1287848 1287847 1287846 1287845 1287844 1287843 1287842 1287841 1287840 1287839 1287838 1287837 1287836 1287835 1287834 1287833 1287832 1287831 1287830 1287829 1287828 1287827

1104334 1104333

1104332 1104328 1104331 1104330 1104326 1104327 1104329

1:10,000

0 200 400 600 800

Meters

Legend

- BEN Claim Group
- Rock Sample Location
- Soil Sample Location
- Prospecting Track

Colorado Resources Ltd.

BEN PROPERTY

Figure 5: Gold Geochem in Rock & Soil

MacMillan Pass Area, Watson Lake Mining District, Yukon

Maps:105O/01,105P/04 Datum:NAD83 UTM Zone 9 Date: 2012-01-17

Legend

Rock Geochem FA Au (ppb)

- < 1
- 1 - 5
- 5 - 25
- 25 - 50
- 50 - 100
- > 100

Soil Geochem ICP Au (ppb)

- < 3
- 3 - 5
- 5 - 10
- 10 - 25
- 25 - 50
- > 50
- BEN Claim Group

ABBOTT GEOLOGY LEGEND

CRETACEOUS

Kg — Resistant, blocky, grey weathering porphyritic to equigranular biotite quartz monzonite and biotite granite

MIDDLE DEVONIAN

DMsh — *SHALE FACIES:* brown weathering thinly laminated grey shale and siltstone with lesser chert and quartz sandstone, grit and minor chert conglomerate

LOWER AND MIDDLE DEVONIAN

DN — *NIDDERY LAKE MEMBER:* black to dark blue weathering thin bedded chert, cherty argillite, and siliceous shale. North of the Macmillan Fault zone, light grey clastic limestone forms beds up to 1 m thick near the base and intermittent barite up to 30 m thick forms one of more horizons.

UPPER SILURIAN TO MIDDLE DEVONIAN

SDS — *SAPPER FORMATION:* buff to tan weathering platy silty limestone, calcareous black shale. Locally includes lenses of massive grey limestone in 105/1

Geology: ABBOTT, G. 2012; Geology of the Macmillan Pass Area.

1:10,000

0 200 400 600 800

Meters

446000 447000 448000 449000 450000

6997000 6996000

Colorado Resources Ltd.

BEN PROPERTY

Figure 6: Silver Geochem in Rock & Soil

MacMillan Pass Area, Watson Lake Mining District, Yukon

Maps:105O/01,105P/04 Datum:NAD83 UTM Zone 9 Date: 2012-01-17

N

446000 447000 448000 449000 450000

6997000 6996000

Legend

Rock Geochem Ag (ppm)

- < 0.2
- 0.2 - 0.9
- 0.9 - 1.9
- 1.9 - 3.0
- 3.0 - 4.4
- > 4.4

Soil Geochem Ag (ppm)

- < 0.6
- 0.6 - 1.2
- 1.2 - 2.2
- 2.2 - 3.2
- 3.2 - 4.9
- > 4.9

BEN Claim Group

1:10,000

0 200 400 600 800

Meters

Geology: ABBOTT, G. 2012; Geology of the Macmillan Pass Area.

ABBOTT GEOLOGY LEGEND

CRETACEOUS

Kg — Resistant, blocky, grey weathering porphyritic to equigranular biotite quartz monzonite and biotite granite

MIDDLE DEVONIAN

DMsh — *SHALE FACIES:* brown weathering thinly laminated grey shale and siltstone with lesser chert and quartz sandstone, grit and minor chert conglomerate

LOWER AND MIDDLE DEVONIAN

DN — *NIDDERY LAKE MEMBER:* black to dark blue weathering thin bedded chert, cherty argillite, and siliceous shale. North of the Macmillan Fault zone, light grey clastic limestone forms beds up to 1 m thick near the base and intermittent barite up to 30 m thick forms one of more horizons.

UPPER SILURIAN TO MIDDLE DEVONIAN

SDs — *SAPPER FORMATION:* buff to tan weathering platy silty limestone, calcareous black shale. Locally includes lenses of massive grey limestone in 105J/1

Colorado Resources Ltd.

BEN PROPERTY

Figure 7: Arsenic Geochem in Rock & Soil

MacMillan Pass Area, Watson Lake Mining District, Yukon

Maps:105O/01,105P/04 Datum:NAD83 UTM Zone 9 Date: 2012-01-17

N

446000 447000 448000 449000 450000

6997000 6996000

Legend

Rock Geochem As (ppm)

- 0 - 25
- 25 - 100
- 100 - 300
- 300 - 500
- 500 - 1000
- > 1000

Soil Geochem As (ppm)

- < 20
- 20 - 40
- 40 - 75
- 75 - 125
- 125 - 285
- > 285
- BEN Claim Group

1:10,000

0 200 400 600 800

Meters

Geology: ABBOTT, G. 2012; Geology of the Macmillan Pass Area.

ABBOTT GEOLOGY LEGEND

CRETACEOUS

Kg — Resistant, blocky, grey weathering porphyritic to equigranular biotite quartz monzonite and biotite granite

MIDDLE DEVONIAN

DMsh — *SHALE FACIES:* brown weathering thinly laminated grey shale and siltstone with lesser chert and quartz sandstone, grit and minor chert conglomerate

LOWER AND MIDDLE DEVONIAN

DN — *NIDDERY LAKE MEMBER:* black to dark blue weathering thin bedded chert, cherty argillite, and siliceous shale. North of the Macmillan Fault zone, light grey clastic limestone forms beds up to 1 m thick near the base and intermittent barite up to 30 m thick forms one of more horizons.

UPPER SILURIAN TO MIDDLE DEVONIAN

SDs — *SAPPER FORMATION:* buff to tan weathering platy silty limestone, calcareous black shale. Locally includes lenses of massive grey limestone in 105/1

Colorado Resources Ltd.

BEN PROPERTY

Figure 8: Antimony Geochem in Rock & Soil

MacMillan Pass Area, Watson Lake Mining District, Yukon

Maps:105O/01,105P/04 Datum:NAD83 UTM Zone 9 Date: 2012-01-17

Legend

Rock Geochem Sb (ppm)

- 0 - 1
- 2 - 5
- 6 - 10
- 11 - 20
- 21 - 40
- >40

Soil Geochem Sb (ppm)

- 0 - 1
- 2 - 5
- 6 - 10
- 11 - 100
- 101 - 500
- 501 - 1000
- BEN Claim Group

ABBOTT GEOLOGY LEGEND

CRETACEOUS

Kg — Resistant, blocky, grey weathering porphyritic to equigranular biotite quartz monzonite and biotite granite

MIDDLE DEVONIAN

DMsh — *SHALE FACIES:* brown weathering thinly laminated grey shale and siltstone with lesser chert and quartz sandstone, grit and minor chert conglomerate

LOWER AND MIDDLE DEVONIAN

DN — *NIDDERY LAKE MEMBER:* black to dark blue weathering thin bedded chert, cherty argillite, and siliceous shale. North of the Macmillan Fault zone, light grey clastic limestone forms beds up to 1 m thick near the base and intermittent barite up to 30 m thick forms one of more horizons.

UPPER SILURIAN TO MIDDLE DEVONIAN

SDs — *SAPPER FORMATION:* buff to tan weathering platy silty limestone, calcareous black shale. Locally includes lenses of massive grey limestone in 105J/1

Geology: ABBOTT, G. 2012; Geology of the Macmillan Pass Area.

1:10,000

0 200 400 600 800

Meters

446000 447000 448000 449000 450000

6997000 6996000

Colorado Resources Ltd.

BEN PROPERTY

Figure 9: Bismuth Geochem in Rock & Soil

MacMillan Pass Area, Watson Lake Mining District, Yukon

Maps:105O/01,105P/04 Datum:NAD83 UTM Zone 9 Date: 2012-01-17

Legend

Rock Geochem Bi (ppm)

- < 0.1
- 0.1 - 0.3
- 0.3 - 1.2
- 1.2 - 1.8
- 1.8 - 4.9
- > 4.9

Soil Geochem Bi (ppm)

- < 0.2
- 0.2 - 0.3
- 0.3 - 0.4
- 0.4 - 0.5
- 0.5 - 0.7
- > 0.7
- BEN Claim Group

ABBOTT GEOLOGY LEGEND

CRETACEOUS

Kg — Resistant, blocky, grey weathering porphyritic to equigranular biotite quartz monzonite and biotite granite

MIDDLE DEVONIAN

DMsh — *SHALE FACIES:* brown weathering thinly laminated grey shale and siltstone with lesser chert and quartz sandstone, grit and minor chert conglomerate

LOWER AND MIDDLE DEVONIAN

DN — *NIDDERY LAKE MEMBER:* black to dark blue weathering thin bedded chert, cherty argillite, and siliceous shale. North of the Macmillan Fault zone, light grey clastic limestone forms beds up to 1 m thick near the base and intermittent barite up to 30 m thick forms one of more horizons.

UPPER SILURIAN TO MIDDLE DEVONIAN

SDs — *SAPPER FORMATION:* buff to tan weathering platy silty limestone, calcareous black shale. Locally includes lenses of massive grey limestone in 105J/1

Geology: ABBOTT, G. 2012; Geology of the Macmillan Pass Area.

1:10,000

0 200 400 600 800

Meters

446000 447000 448000 449000 450000

6997000 6996000

Colorado Resources Ltd.

BEN PROPERTY

Figure 10: Molybdenum Geochem in Rock & Soil

MacMillan Pass Area, Watson Lake Mining District, Yukon

Maps:105O/01,105P/04 Datum:NAD83 UTM Zone 9 Date: 2012-01-17

Legend

Rock Geochem Mo (ppm)

- <2
- 2 - 5
- 5 - 20
- 20 - 30
- 30 - 70
- > 70

Soil Geochem Mo (ppm)

- < 7
- 7 - 15
- 15 - 40
- 40 - 70
- 70 - 100
- > 100
- BEN Claim Group

ABBOTT GEOLOGY LEGEND

CRETACEOUS

Kg — Resistant, blocky, grey weathering porphyritic to equigranular biotite quartz monzonite and biotite granite

MIDDLE DEVONIAN

DMsh — *SHALE FACIES:* brown weathering thinly laminated grey shale and siltstone with lesser chert and quartz sandstone, grit and minor chert conglomerate

LOWER AND MIDDLE DEVONIAN

DN — *NIDDERY LAKE MEMBER:* black to dark blue weathering thin bedded chert, cherty argillite, and siliceous shale. North of the Macmillan Fault zone, light grey clastic limestone forms beds up to 1 m thick near the base and intermittent barite up to 30 m thick forms one of more horizons.

UPPER SILURIAN TO MIDDLE DEVONIAN

SDs — *SAPPER FORMATION:* buff to tan weathering platy silty limestone, calcareous black shale. Locally includes lenses of massive grey limestone in 105)/1

Geology: ABBOTT, G. 2012; Geology of the Macmillan Pass Area.

446000 447000 448000 449000 450000

6997000 6996000

1:10,000

0 200 400 600 800

Meters

N

Colorado Resources Ltd.

BEN PROPERTY

Figure 11: Copper Geochem in Rock & Soil

MacMillan Pass Area, Watson Lake Mining District, Yukon

Maps:105O/01,105P/04 Datum:NAD83 UTM Zone 9 Date: 2012-01-17

Legend

- BEN Claim Group

Rock Geochem Cu (ppm)

- < 20
- 20 - 40
- 40 - 70
- 70 - 90
- 90 - 150
- > 150

Soil Geochem Cu (ppm)

- < 40
- 40 - 60
- 60 - 100
- 100 - 130
- 130 - 180
- > 180

ABBOTT GEOLOGY LEGEND

CRETACEOUS

Kg — Resistant, blocky, grey weathering porphyritic to equigranular biotite quartz monzonite and biotite granite

MIDDLE DEVONIAN

DMsh — *SHALE FACIES:* brown weathering thinly laminated grey shale and siltstone with lesser chert and quartz sandstone, grit and minor chert conglomerate

LOWER AND MIDDLE DEVONIAN

DN — *NIDDERY LAKE MEMBER:* black to dark blue weathering thin bedded chert, cherty argillite, and siliceous shale. North of the Macmillan Fault zone, light grey clastic limestone forms beds up to 1 m thick near the base and intermittent barite up to 30 m thick forms one of more horizons.

UPPER SILURIAN TO MIDDLE DEVONIAN

SDs — *SAPPER FORMATION:* buff to tan weathering platy silty limestone, calcareous black shale. Locally includes lenses of massive grey limestone in 105/1

Geology: ABBOTT, G. 2012; Geology of the Macmillan Pass Area.

1:10,000

0 200 400 600 800

Meters

446000 447000 448000 449000 450000

6997000 6996000

Colorado Resources Ltd.

BEN PROPERTY

Figure 12: Lead Geochem in Rock & Soil

MacMillan Pass Area, Watson Lake Mining District, Yukon

Maps:105O/01,105P/04 Datum:NAD83 UTM Zone 9 Date: 2012-01-17

Legend

Rock Geochem Pb (ppm)

- < 10
- 10 - 20
- 20 - 40
- 40 - 60
- 60 - 100
- > 100

Soil Geochem Pb (ppm)

- < 15
- 15 - 20
- 20 - 35
- 35 - 50
- 50 - 70
- > 70
- BEN Claim Group

ABBOTT GEOLOGY LEGEND

CRETACEOUS

Kg — Resistant, blocky, grey weathering porphyritic to equigranular biotite quartz monzonite and biotite granite

MIDDLE DEVONIAN

DMsh — *SHALE FACIES:* brown weathering thinly laminated grey shale and siltstone with lesser chert and quartz sandstone, grit and minor chert conglomerate

LOWER AND MIDDLE DEVONIAN

DN — *NIDDERY LAKE MEMBER:* black to dark blue weathering thin bedded chert, cherty argillite, and siliceous shale. North of the Macmillan Fault zone, light grey clastic limestone forms beds up to 1 m thick near the base and intermittent barite up to 30 m thick forms one of more horizons.

UPPER SILURIAN TO MIDDLE DEVONIAN

SDs — *SAPPER FORMATION:* buff to tan weathering platy silty limestone, calcareous black shale. Locally includes lenses of massive grey limestone in 105/1

Geology: ABBOTT, G. 2012; Geology of the Macmillan Pass Area.

1:10,000

0 200 400 600 800

Meters

446000 447000 448000 449000 450000

6997000 6996000

Colorado Resources Ltd.

BEN PROPERTY

Figure 13: Zinc Geochem in Rock & Soil

MacMillan Pass Area, Watson Lake Mining District, Yukon

Maps:105O/01,105P/04 Datum:NAD83 UTM Zone 9 Date: 2012-01-17

Legend

Rock Geochem Zn (ppm)

- < 50
- 51 - 100
- 101 - 200
- 201 - 400
- 401 - 1000
- > 1000

Soil Geochem Zn (ppm)

- < 100
- 100 - 200
- 200 - 500
- 500 - 1000
- 1000 - 1500
- > 1500

BEN Claim Group

446000 447000 448000 449000 450000

6997000 6996000

N

1:10,000

0 200 400 600 800

Meters

Geology: ABBOTT, G. 2012; Geology of the Macmillan Pass Area.

ABBOTT GEOLOGY LEGEND

CRETACEOUS

Kg — Resistant, blocky, grey weathering porphyritic to equigranular biotite quartz monzonite and biotite granite

MIDDLE DEVONIAN

DMsh — *SHALE FACIES:* brown weathering thinly laminated grey shale and siltstone with lesser chert and quartz sandstone, grit and minor chert conglomerate

LOWER AND MIDDLE DEVONIAN

DN — *NIDDERY LAKE MEMBER:* black to dark blue weathering thin bedded chert, cherty argillite, and siliceous shale. North of the Macmillan Fault zone, light grey clastic limestone forms beds up to 1 m thick near the base and intermittent barite up to 30 m thick forms one of more horizons.

UPPER SILURIAN TO MIDDLE DEVONIAN

SDs — *SAPPER FORMATION:* buff to tan weathering platy silty limestone, calcareous black shale. Locally includes lenses of massive grey limestone in 105J/1

Colorado Resources Ltd.

BEN PROPERTY

Figure 14: Airborne Geophysical Survey Flight Lines

MacMillan Pass Area, Watson Lake Mining District, Yukon

Maps:105O/01,105P/04 Datum:NAD83 UTM Zone 9 Date: 2012-01-18

N

447000 448000 449000 450000 451000

7001000 7000000 6999000 6998000 6997000 6996000 6995000 6994000

105O01

105P04

> 29010:37003

< 29020:37003

29020:37003 <

29030:37003 >

< 20020:37005

> 20030:37005

< 20040:37005

> 20050:37010

< 20060:37010

> 20070:37017

< 20080:37017

> 20090:37044

> 20100:37023

< 20110:37023

> 20120:37023

< 20130:37023

> 20140:37023

< 20150:37023

> 20160:37023

> 20170:37023

> 20180:37010

Legend

Airborne Survey Flight Lines

BEN Claim Group

1:20,000

0 250 500 750 1,000 1,250 1,500

Meters

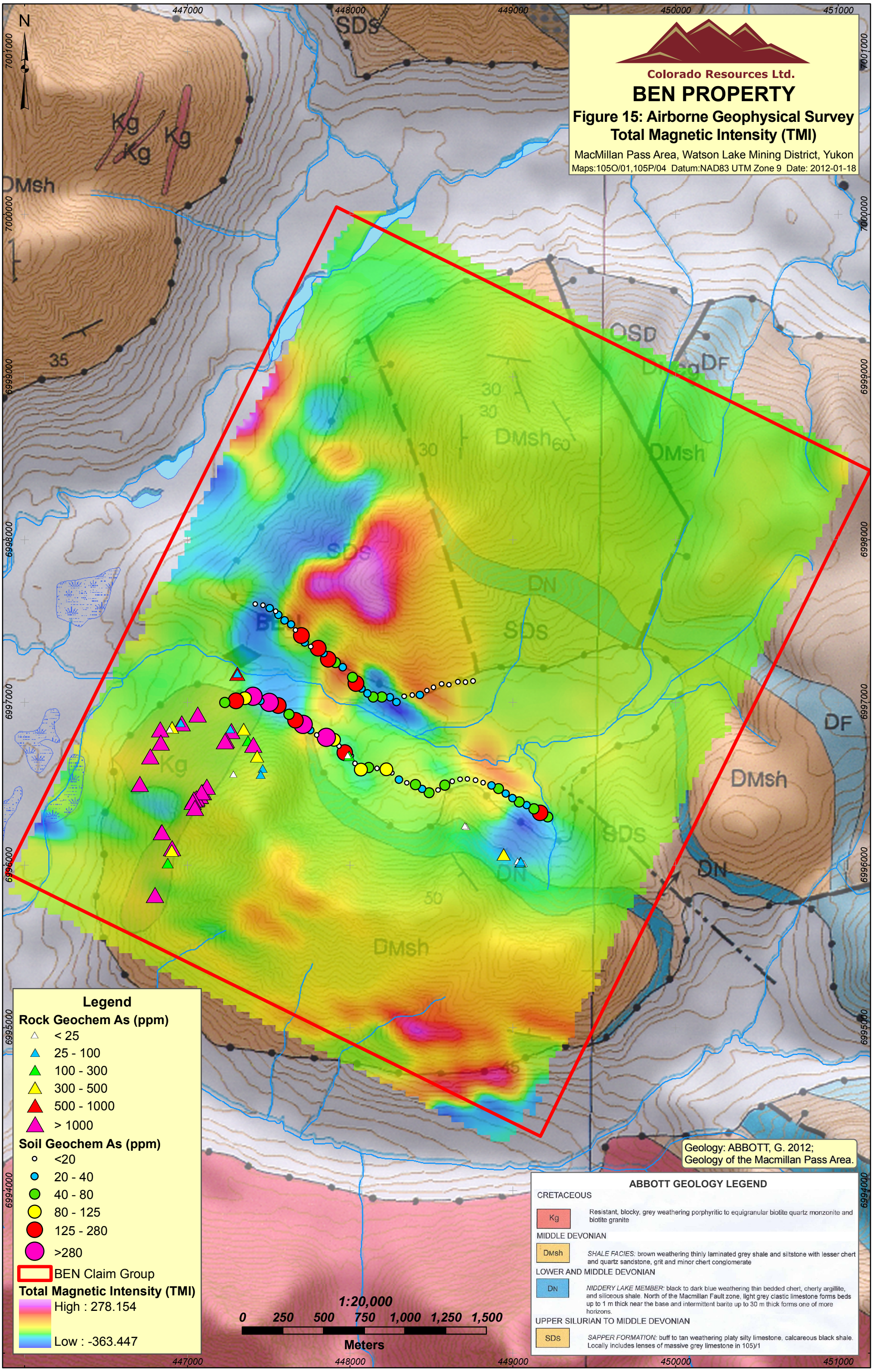
Colorado Resources Ltd.

BEN PROPERTY

Figure 15: Airborne Geophysical Survey Total Magnetic Intensity (TMI)

MacMillan Pass Area, Watson Lake Mining District, Yukon

Maps:105O/01,105P/04 Datum:NAD83 UTM Zone 9 Date: 2012-01-18



Colorado Resources Ltd.

BEN PROPERTY

Figure 16: Airborne Geophysical Survey Calculated Vertical Gradient

MacMillan Pass Area, Watson Lake Mining District, Yukon

Maps:105O/01,105P/04 Datum:NAD83 UTM Zone 9 Date: 2012-01-18

Legend

Rock Geochem As (ppm)

- < 25
- 25 - 100
- 100 - 300
- 300 - 500
- 500 - 1000
- > 1000

Soil Geochem As (ppm)

- <20
- 20 - 40
- 40 - 80
- 80 - 125
- 125 - 280
- >280

BEN Claim Group

Calculated Vertical Gradient

High : 4.305722

Low : -4.355024

1:20,000

0 250 500 750 1,000 1,250 1,500

Meters

Geology: ABBOTT, G. 2012; Geology of the Macmillan Pass Area.

ABBOTT GEOLOGY LEGEND

CRETACEOUS

Kg — Resistant, blocky, grey weathering porphyritic to equigranular biotite quartz monzonite and biotite granite

MIDDLE DEVONIAN

DMsh — *SHALE FACIES:* brown weathering thinly laminated grey shale and siltstone with lesser chert and quartz sandstone, grit and minor chert conglomerate

LOWER AND MIDDLE DEVONIAN

DN — *NIDDERY LAKE MEMBER:* black to dark blue weathering thin bedded chert, cherty argillite, and siliceous shale. North of the Macmillan Fault zone, light grey clastic limestone forms beds up to 1 m thick near the base and intermittent barite up to 30 m thick forms one of more horizons.

UPPER SILURIAN TO MIDDLE DEVONIAN

SDs — *SAPPER FORMATION:* buff to tan weathering platy silty limestone, calcareous black shale. Locally includes lenses of massive grey limestone in 105)/1

Colorado Resources Ltd.

BEN PROPERTY

Figure 17: Airborne Geophysical Survey Resistivity (56K)

MacMillan Pass Area, Watson Lake Mining District, Yukon

Maps:105O/01,105P/04 Datum:NAD83 UTM Zone 9 Date: 2012-01-18

N

447000 448000 449000 450000 451000

7001000 7000000 6999000 6998000 6997000 6996000 6995000 6994000

Legend

Rock Geochem As (ppm)

- < 25
- 25 - 100
- 100 - 300
- 300 - 500
- 500 - 1000
- > 1000

Soil Geochem As (ppm)

- <20
- 20 - 40
- 40 - 80
- 80 - 125
- 125 - 280
- >280

BEN Claim Group

Resistivity (56K)

High : 28035.435547

Low : 1.010071

1:20,000

0 250 500 750 1,000 1,250 1,500

Meters

Geology: ABBOTT, G. 2012; Geology of the Macmillan Pass Area.

ABBOTT GEOLOGY LEGEND

CRETACEOUS

Kg — Resistant, blocky, grey weathering porphyritic to equigranular biotite quartz monzonite and biotite granite

MIDDLE DEVONIAN

DMsh — *SHALE FACIES:* brown weathering thinly laminated grey shale and siltstone with lesser chert and quartz sandstone, grit and minor chert conglomerate

LOWER AND MIDDLE DEVONIAN

DN — *NIDDERY LAKE MEMBER:* black to dark blue weathering thin bedded chert, cherty argillite, and siliceous shale. North of the Macmillan Fault zone, light grey clastic limestone forms beds up to 1 m thick near the base and intermittent barite up to 30 m thick forms one of more horizons.

UPPER SILURIAN TO MIDDLE DEVONIAN

SDs — *SAPPER FORMATION:* buff to tan weathering platy silty limestone, calcareous black shale. Locally includes lenses of massive grey limestone in 105)/1

Colorado Resources Ltd.

BEN PROPERTY

Figure 18: Airborne Geophysical Survey Resistivity (7200)

MacMillan Pass Area, Watson Lake Mining District, Yukon

Maps:105O/01,105P/04 Datum:NAD83 UTM Zone 9 Date: 2012-01-18

N

447000 448000 449000 450000 451000

7001000 7000000 6999000 6998000 6997000 6996000 6995000 6994000

Legend

Rock Geochem As (ppm)

- < 25
- 25 - 100
- 100 - 300
- 300 - 500
- 500 - 1000
- > 1000

Soil Geochem As (ppm)

- <20
- 20 - 40
- 40 - 80
- 80 - 125
- 125 - 280
- >280

BEN Claim Group

Resistivity (7200)

High : 10723.971680

Low : 0.373065

1:20,000

0 250 500 750 1,000 1,250 1,500

Meters

Geology: ABBOTT, G. 2012; Geology of the Macmillan Pass Area.

ABBOTT GEOLOGY LEGEND

CRETACEOUS

Kg — Resistant, blocky, grey weathering porphyritic to equigranular biotite quartz monzonite and biotite granite

MIDDLE DEVONIAN

DMsh — *SHALE FACIES:* brown weathering thinly laminated grey shale and siltstone with lesser chert and quartz sandstone, grit and minor chert conglomerate

LOWER AND MIDDLE DEVONIAN

DN — *NIDDERY LAKE MEMBER:* black to dark blue weathering thin bedded chert, cherty argillite, and siliceous shale. North of the Macmillan Fault zone, light grey clastic limestone forms beds up to 1 m thick near the base and intermittent barite up to 30 m thick forms one of more horizons.

UPPER SILURIAN TO MIDDLE DEVONIAN

SDs — *SAPPER FORMATION:* buff to tan weathering platy silty limestone, calcareous black shale. Locally includes lenses of massive grey limestone in 105)/1

Colorado Resources Ltd.

BEN PROPERTY

Figure 19: Airborne Geophysical Survey Interpretation

MacMillan Pass Area, Watson Lake Mining District, Yukon

Maps:105O/01,105P/04 Datum:NAD83 UTM Zone 9 Date: 2012-01-18

N

447000 448000 449000 450000 451000

7001000 7000000 6999000 6998000 6997000 6996000 6995000 6994000

M1 M2 M3 M4 M5 M6

R1 R2 R3

29010:37003 29020:37003 29030:37003

20010:37005 20020:37005 20030:37005 20040:37005 20050:37010 20060:37010 20070:37017 20080:37017 20090:37044 20100:37023 20110:37023 20120:37023 20130:37023 20140:37023 20150:37023 20160:37023 20170:37023 20180:37010

1:20,000

0 250 500 750 1,000 1,250 1,500

Meters

Source: Fugro Airborne Surveys, 2011 Report #11046
Project Report of the Airborne Geophysical Survey - Ben

ELECTROMAGNETIC ANOMALIES

Grade	Anomaly	Conductance
7	●	>100 siemens
6	◕	50–100 siemens
5	◑	20–50 siemens
4	◔	10–20 siemens
3	⊕	5–10 siemens
2	○	1–5 siemens
1	◌	< 1 siemens
–	✳	Questionable anomaly

Interpretive symbol		Conductor model
	B	Bedrock conductor
	D	Narrow bedrock conductor ("thin dike")
	S	Conductive cover ("horizontal thin sheet")
	H	Broad conductive rock unit, deep conductive weathering, thick conductive cover ("half-space")
	E	Edge of broad conductor ("edge of half space")
□	L	Culture, e.g. power line, metal building or fence
△	M	Magnetite

Anomaly identifier: C H

Interpretive symbol

FLIGHT LINES WITH EM ANOMALIES

Flight direction
Flight number
Flight line number
11020
Reflight Number
Line Number
Area Number
Fiducials identified on profiles
Dip direction
EM anomaly (see EM legend)
Conductor axis (on EM maps only)
Arcs indicate the conductor has a thickness > 10m
Magnetic correlation in nT

INTERPRETATION LEGEND

Inferred structural break

M Magnetic zone

R Conductive zone