OHG Resources Inc.

Cortez Property
Cariboo Mining Division, B.C.

Compilation and Review

March 2011

ERSi EARTH RESOURCE SURVEYS INC.

Compilation and Review

CORTEZ PROPERTY
Cariboo Mining Division, B.C.

for

OHG Resources Inc.

by

K.V. Campbell, Ph.D., P.Geo.

March 3, 2011

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1 Introduction

This report summarizes the geology, mineralization, recent history of exploration and exploration potential of the Cortez property located in the Cariboo Mining Division of central British Columbia and makes recommendations for further exploration on the property. The report has been prepared at the request of Mr. Claus Andrup, President of OHG Resources Inc. (“OHG”). All communications with OHG were through OHG’s Technical Advisor, George Read P.Geo. OHG has recently optioned the property, known previously as the Ben property, from its owner, Mr. B.H. Kahlert of West Vancouver, B.C.

This report summarizes the geology, mineralization, recent history of exploration and exploration potential of the Cortez property located in the Cariboo Mining Division of central British Columbia and makes recommendations for further exploration on the property. The report has been prepared at the request of Mr. George Read, President of OHG Resources Inc. (“OHG”). OHG has recently optioned the property, known previously as the Ben property, from its owner, Mr. B.H. Kahlert of West Vancouver, B.C.

In early October, 1010, OHG President C. Andrup with technical advisor G. Read visited and sampled the property, accompanied by owner B. Kahlert. Description of these samples and all assay results are shown in Section 8 “Rock Sampling” and assay certificates are included in Appendix IV.

This document is a technical report outlining the geological setting, results of exploration and the exploration potential of the Cortez property. The report is compliant with Canadian Securities Administrators' ("CSA") National Instrument 43-101 (“NI 43-101) requirements and satisfies independent “Qualified Person” requirements under Part 4 of the instrument.

The author of this report, K. Vincent Campbell, is a Professional Geoscientist registered with the Association of Professional Engineers and Geoscientists of British Columbia. He is a Qualified Person as defined by NI 43-101 and has been on what is now the Cortez property in 1988 and 2005. He is an independent Qualified Person and has prepared petrographic reports on rock samples collected from the property.

All map coordinates in this report are based on Universal Transverse Mercator (UTM) Zone 10 projection in North American Datum 1983 (NAD83).

1.1 Definitions, Abbreviations and Conversions

BCFS	British Columbia Forest Service
BCGS	British Columbia Geographic System
CIM	Canadian Institute of Mining, Metallurgy and Petroleum
NI 43-101	Canadian National Instrument 43-101
GSB	Geological Survey Branch (BC Ministry of Energy and Mines)
DDH	diamond drill hole
RC	reverse circulation drill hole

cm	Centimeter(s)
°	Degree(s)
$°_C$	Degrees Celsius
DEM	Digital elevation model
g or gm	gram(s)
g/t	grams per metric tonne
>	greater than
ha	hectare(s)
GPS	Global Positioning System
kg	kilogram(s)
km	kilometer(s)
<	less than
m	meter(s)
mi	mile(s)
Ma	million years
mg	milligram(s)
mm	millimeter(s)
NAD	North American Datum
n.a.	not available/applicable
NTS	National Topographic Service
nT	nano Tesla
oz	troy ounce
PAC	Portable Assessment Credits
ppb	parts per billion
ppm	parts per million
%	percent(age)
TRIM	Terrain Resource Information Management
VLF-EM	Very Low Frequency Electro Magnetic
XRD	X-Ray Diffraction
T	ton (2000 pounds or 977.2 kg)
QA	quality assurance
QC	quality control
t	tonne (1000 kg or 2,204.6 pounds)
1 gram	0.3215 troy oz
1 oz/Ton	28.22 gm/tonne
1 troy oz	31.104 gm

2 Reliance on Other Experts

The opinions expressed in this report are based on the available information and geologic interpretations as provided by Mr. B.K. Kahlert and other third party sources. The author has exercised due care in reviewing the supplied information and believes that the basic assumptions are factual and correct and the interpretations are reasonable, however, he has not completed any analytical checks to confirm the results of such work. The author has relied on this data and has no reason to believe that any material facts have been withheld.

Mineral tenure to the Cortez property is provided by the Ministry of Energy, Mines and Petroleum Resources ("MEMPR"), Mineral Titles Branch and supporting government legislation. The author has relied on the accuracy of these records to determine claim ownership.

Previous exploration of the Cortez property was conducted under exploration permits granted by MEMPR.

Sources of information for this report are referenced in Section 20 (References). No independent verification of other geological, geochemical or geophysical data was undertaken. However, there is no reason not to rely on the sources of this data and nothing has come to the attention of the author which would cause him not to rely on such data.

K.V.Campbell, Ph.D., PGeo. is a "Qualified Person" by definition of NI 43-101 Standards for Disclosure of Mineral Projects. K.V. Campbell is independent of OHG.

3 Property Description and Location

The Cortez property lies in the eastern Cariboo region of central British Columbia, approximately 52 km north of Williams Lake and 54 km south-southeast of Quesnel in the Cariboo Mining Division. The property is situated about 15 km northeast of the Gibraltar Mine of Taseko Mines Ltd. and about 28 km west-northwest of the Mount Polley Mine of Imperial Metals Corp. (Figure 1). The claims lie on the low-lying hills west of the Beaver Ck. valley and east of the Ben Lake – Skelton Lake valley (Figure 2), centered approximately at 52° 35' N and 122° 03' W within NTS map sheet 093B09 and BCGS map sheets 093B060 and 093B070.

The claims included in the property are shown in Figure 2 and listed in Table 1. All of the claims are owned 100% by Mr. B.H. Kahlert and are in good standing until September 14, 2011.

Table 1. Cortez property claim list.

Tenure Number	Claim Name	Owner	Tenure Type	Tenure Sub Type	Issue Date	Good To Date	Status	Area (ha)
833498	BEN	B.H. Kahlert	Mineral	Claim	2010/sep/14	2011/sep/14	GOOD	471.3195
833747	CORTEZ	B.H. Kahlert	Mineral	Claim	2010/sep/16	2011/sep/16	GOOD	412.2635
833748	CORTEZ	B.H. Kahlert	Mineral	Claim	2010/sep/16	2011/sep/16	GOOD	412.1384
833750		B.H. Kahlert	Mineral	Claim	2010/sep/16	2011/sep/16	GOOD	471.5088
833753		B.H. Kahlert	Mineral	Claim	2010/sep/16	2011/sep/16	GOOD	314.2791
833754		B.H. Kahlert	Mineral	Claim	2010/sep/16	2011/sep/16	GOOD	471.6544
833756		B.H. Kahlert	Mineral	Claim	2010/sep/16	2011/sep/16	GOOD	471.7769
833759		B.H. Kahlert	Mineral	Claim	2010/sep/16	2011/sep/16	GOOD	255.3007

3.1 Environmental

Previous exploration activities on the Cortez property was performed under authorization of the B.C. Ministry of Energy, Mines and Petroleum Resources. Permits for surface disturbing activities such as drill site preparation were required and bonds posted to cover reclamation costs. All of these exploration permits are now closed.

4 Accessibility, Climate, Local Resources, Infrastructure and Physiography

The west side of the property can be accessed off highway 97 from either McLeese Lake or 150 Mile House. From McCleese Lake one follows the gravel road to Likely and Horsefly, turning north onto the Ben Lake road about 40 km east of McCleese Lake then about 14 km to Ben Lake. Access from 150 Mile House is via the paved highway towards Likely, turning north onto the Ben Lake road at about 43 km east of 150 Mile House.

The east side of the property can be accessed along BCFS 8300 road along the height of land between the Beaver Creek and Beedy Creek valleys, also reached either from McLeese Lake or 150 Mile House.

Much of the upland area on the property has been logged. Vehicle access to the claims is limited to a sparse network of BCFS roads (Figure 2).

Local climate is typical of the central interior of British Columbia. Average temperatures are -7°C for December and January and 14°C for July and August. Average annual rainfall is 336 mm and average

122° 45'W
122° 30'W
122° 15'W
122°W
121° 45'W
121° 30'W
52° 45'N
52° 30'N
Quesnel 20 Km
Cortez Property
Quesnel R.
Likely
Mt. Polley Mine
Gibralter Mine
Fraser R.
Quesnel Lake
Williams Lake 23 Km
N
5 0 5 10 15 Km

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Location Map

DWG: 536-1	Scale: 1:250,000		**Figure: 1**

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UTM 10 NAD83

550000m E
560000m E
570000m E
580000m E
N
5830000m N
5820000m N
Quesnel River
Beaver Ck. Valley
Ben Lk.
Skelton Lk.
833,748
833,747
833,498
833,759
833,753
833,750
833,754
833,756
Cortez Property
tailings pond
Gibraltar Mine
McCleese Lk. ~ 20 Km
Likely ~40 Km
875
900
950
1,000
1,050
1,100
1,200
1,300
850
800
975
1,025

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Cortez Property

Cortez Property Claims

1 0 1 2 3 4 Km

DWG: 536-2	Scale: 1:100,000	Feb. 2011	**Figure: 2**

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UTM 10 NAD83 Contour Interval = 25m

annual snowfall is 172 cm. In most years conditions for exploration are suitable from late April to mid-November.

Williams Lake is the nearest major center where all facilities and materials for exploration activities can be found.

The property lies on the Fraser Plateau, a flat and gently rolling area with large areas of undissected upland between 1,200 and 1,500m elevation. Much of the plateau is covered by glacial drift which on the Cortez claims is generally 1 to 30m thick. The claims lie on a northwesterly trending height of land between the Beedy Ck. and Beaver Ck. valleys. Elevations on the Cortez claims ranges from 800m in the Beedy Creek valley to 1,068m on the highest knoll. Three main creeks drain westward across the claims into the Beedy Ck. valley; Skelton Ck, South Ben Ck. and North Ben Ck. An unnamed creek drains to the northwest in the northern part of the property (Figures 3 and 4). These larger streams have cut gullies up to 15m deep through the glacial drift, in some cases into bedrock.

The drainage pattern between the Beedy Creek and Beaver Creek valleys is distinguished by the prevalence of north-northwesterly trending alignments, interpreted to be the result of the bedrock structure. Two prominent topographic lineaments lying in the Beedy Ck. and Beaver Ck. valleys are considered to mark significant faults.

5 History

Attention to the Cortez Claims was first drawn by Amoco Minerals in 1983-84 when they undertook a large, regional silt sampling program over the Quesnellia belt of rocks. Strong heavy mineral results for gold, arsenic and antimony were received from the North and South Ben Creeks as well as Skelton Creek. These drainages covered a north-south strike extent of close to 5 km proximal to the boundary of the Quesnel and Cache Creek terranes.

Amoco staked the 5 claim, 100 unit Ben Claims in 1984, but completed little work before ceasing exploration in 1985. In 1987, B.H. Kahlert staked the 1 – 5 Ben Claims covering 100 units. These claims were optioned to Circle Resources (“Circle”), a private company, who completed extensive soil and silt geochemistry, mapping and rock sampling in creek beds. A wide, altered deformation zone with anomalous gold, arsenic, antimony and mercury was outlined in North Ben Creek, the so-called “Main Zone”.

Circle decided to drill 2 core holes in late 1988, however they were located 500 meters southwest of the deformation zone as there was no road access. Anomalous gold, arsenic, antimony and mercury values were encountered in highly altered rocks in the 2 holes. In 1989, the Option was terminated and the property returned to B. H. Kahlert.

Kahlert maintained the Ben Claims until 2001 by completing detailed geological mapping, petrographic studies and geophysical surveys. The property was reduced from 100 units to 6 staked claims. The

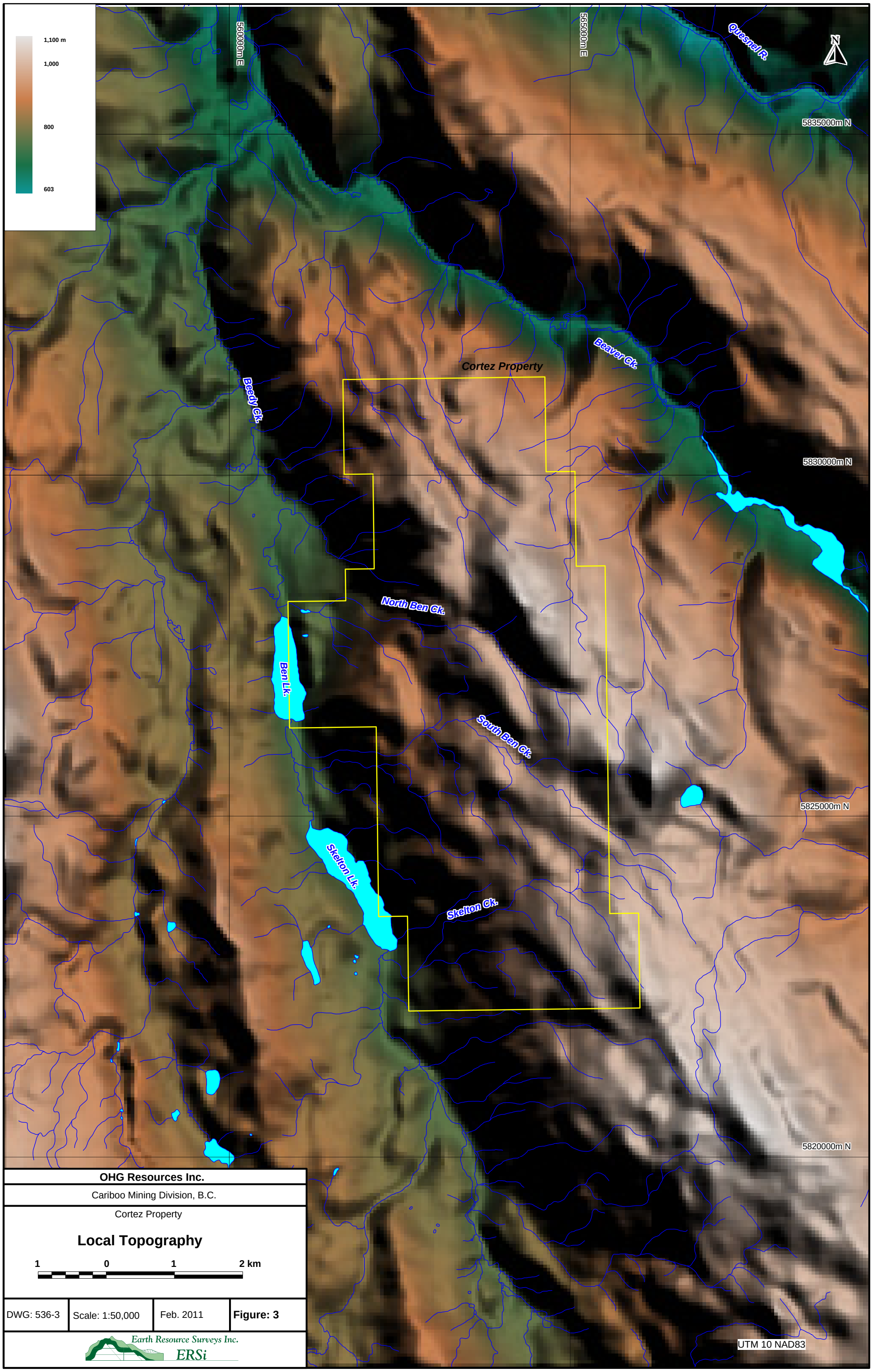
claims lapsed in 2001 and were re-staked by Kahlert in 2002. The claims expired again in 2003 and were staked by a contractor on behalf of Kahlert in 2004.

In 2005, map staking was introduced to British Columbia and claim holders were encouraged to transfer "Legend" claims to the new "Map" staked system. Kahlert changed the claims to the new tenure system in early 2005 and has retained them to 2010 via various geochemical and geological surveys.

In 2010, Kahlert applied PAC account credits to hold claims, which was disallowed 5 months later as the claims were said to expire during the transfer from "Legend" to "Map Staked" process.

Kahlert staked the "Cortez" claims in mid September 2010. A total of 9 claims covering 166 units were recorded by Kahlert at that time. B.H. Kahlert owns these claims 100 % with no outside royalties or other interest.

Table 2 provides a summary of exploration activities performed on the Cortez property. Details and results of these activities are described in Sections 9 (Exploration) and 10 (Drilling).



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Cortez Property

Local Topography

1 0 1 2 km

DWG: 536-3	Scale: 1:50,000	Feb. 2011	**Figure: 3**

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560000m E

565000m E

5835000m N

5830000m N

5825000m N

5820000m N

N

Quesnel R.

Beaver Valley Lineament

Beedy Ck. Lineament

Beedy Ck.

Beaver Ck.

Cortez Property

North Ben Ck.

Ben Lk.

South Ben Ck.

Skelton Lk.

Skelton Ck.

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Drainage and Access

1 0 1 2 km

DWG: 536-4	Scale: 1:50,000	Feb. 2011	**Figure: 4**

Earth Resource Surveys Inc.
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prominment drainage lineament

Table 2. Summary of work performed on Cortez claims.

Year Performed	Operator	Activity	Details	Reference	ARIS
1983-1984	Amoco Minerals	regional silt geochemistry	- 3 heavy mineral samples analysed for Au, Ag, As and Ni.	- Fraser and Kahlert, 1988	
1987	Circle Resources	soils grid, rock analyses, petrography	- 378 soils analysed for Ag, As, Au, Cu, Pb, Sb and Zn, 3 heavy mineral silt samples - 13 petrographic descriptions, 5 XRD analyses, 5 whole rock analyses	- Fraser and Kahlert, 1988 - Campbell, 1988	
1987	Circle Resources	soils grid, silt sampling	- 556 soils analysed for Ag, As, Au, Co, Cu, Ni, Pb, Sb and Zn - 16 soils analysed for Ag, As, Au, Cu, Pb, Sb and Zn - 112 silts analysed for Ag, As, Au, Cu, Pb, Sb and Zn	- Kahlert, 1988 (includes Campbell's 1988 report)	17481
1988	Circle Resources	summary analysis, results of rock sampling	- includes analyses of soils reported earlier and 76 rock samples analysed for Ag, As, Au, Co, Cu, Ni, Pb, Sb and Zn	- Fraser, 1989	18674
1990	Circle Resources	diamond drilling	- 2 vertical NQ holes totaling 107.9m, 19 rock samples analysed for multielements plus Au	- Graham, 1991	21309
1991	B.H. Kahlert	summary	- compilation sketch of geology	- Campbell, 1991	
1997	B.H. Kahlert	geophysics	- 5.45 line km of ground magnetics	- Kahlert, 1998	25512
1999	B.H. Kahlert	petrography	- petrographic description of 8 rocks	- Kahlert, 1999	25914
2001	B.H. Kahlert	GPS	- determined coordinates of 2-post Ben claims	- Dunlop, 2001	
2002	B.H. Kahlert	rock analyses	- 8 rock samples analysed for multielements plus Au	- Kahlert, 2002	26870
2005	B.H. Kahlert	rock analyses	- 11 rock samples analysed for multielements plus Au	- Kahlert, 2005	27812
2007	B.H. Kahlert	rock analyses	- 13 rock samples analysed for multielements plus gold	- Kahlert, 2008	29876
2010	OHG	rock analyses	- 24 rock samples analysed for multielements plus gold, 1 whole rock analysis		

6 Geologic Setting

6.1 Regional Geology

The regional geology is shown in Figure 5, based on the GSB digital data by Massey et. al, 2005. The Cortez property is underlain by rock units of the Permian to Triassic Cache Creek Complex of the Cache Creek Terrane. Undivided phyllite, siliceous phyllite, ribbon and massive chert, argillite, tuff, mafic volcanic rocks, serpentinite, limestone, sandstone (unit PTrCsv) are mapped over most of the area. Limestone, marble and calcareous sedimentary rocks (unit PTrClm) are mapped in the northeast corner of the claims. Basaltic volcanic rocks (unit PTrCvb) may extend into the northwest corner of the claims. A Jurassic stock of granodioritic composition may extend onto the northeast corner of the property.

The boundary with the Quesnel (Quesnellia) Terrane lies along the Beaver valley lineament and faults mapped on the west side of Beaver Ck. valley.

One fault has been mapped on the claims, lying along the western margin of the calcareous rocks in the northeast corner of the property.

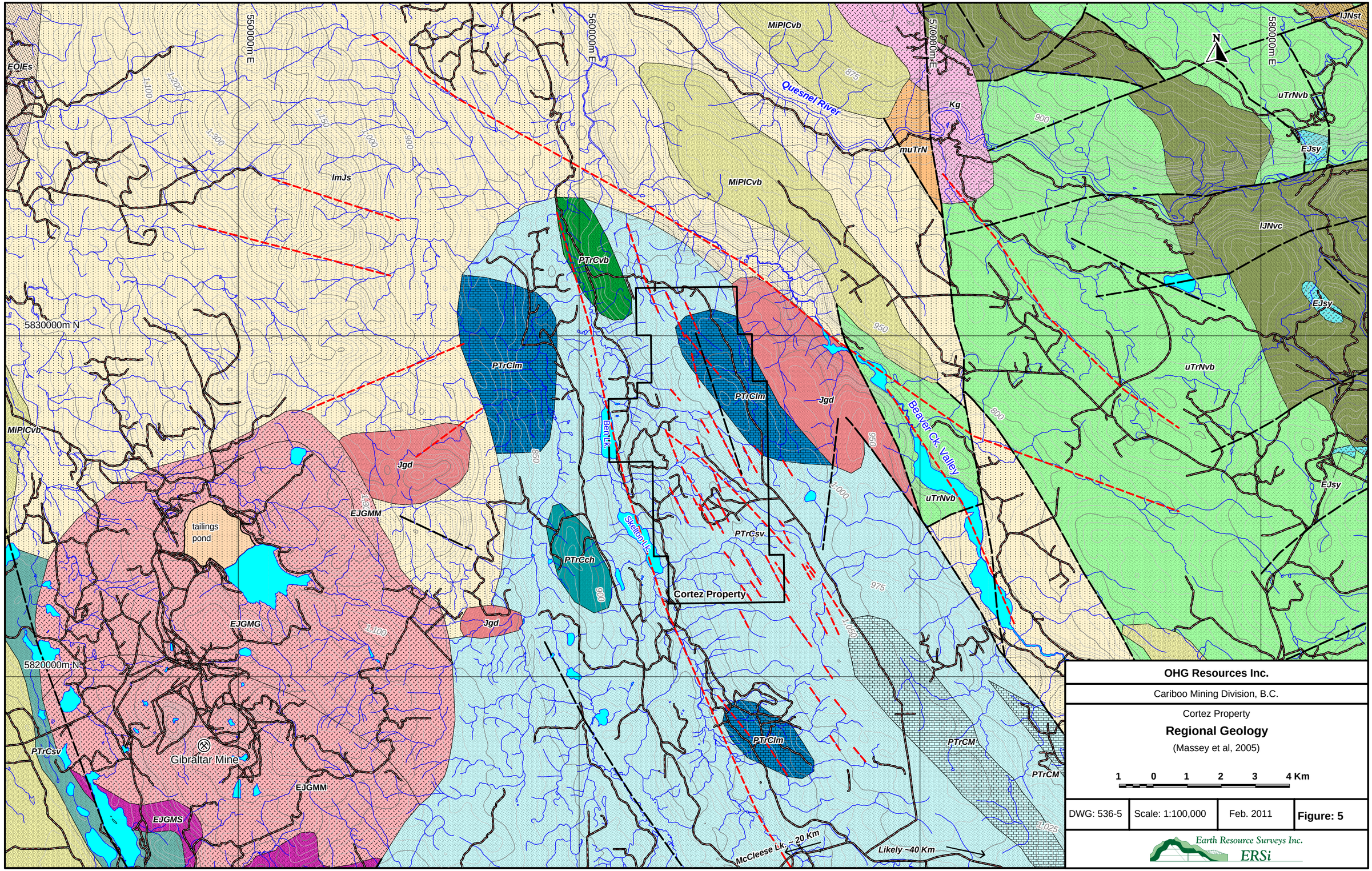
6.2 Regional Aeromagnetics

Figure 6 displays regional aeromagnetics from the Geophysical Data Centre. The northern two thirds of the claims is marked by generally low total magnetic field. No pronounced magnetic trends are evident on the property and there are no clues as to the underlying structure.

6.3 Property Geology

The bedrock geology on the property scale is poorly understood and has not been mapped adequately. Rock exposures are largely confined to stream gullies. Mapping by Circle identified a sequence of interbedded black pyritic shales and cherts with minor sections of chloritized basalt in the three west-draining creeks; Skelton, South Ben and North Ben Creeks. A resistant dolomitic unit (PTrClm) occurs along the north-northwest trending hill in the northeast corner of the property and a small exposure of dioritic rock occurs in south Ben Creek (Fraser, 1989), Figure 7.

Exploration work focused on the Main Zone on North Ben Ck., located in Figure 7. Sayer (1988) in a detailed inset map for Circle Resources and accompanying notes (Fraser, 1989) describes gold mineralization associated with north-east trending quartz-carbonate-mariposite alteration zone some 25m wide and at least 50m long (Sayer, 1988). This zone is mapped as altered shale sub-parallel to a shale-basalt contact. In contrast, Kahlert (1999), describes a north-south deformation and alteration zone about 60m wide with fine grained granodiorite and altered andesite on the west and altered mafic volcanics and minor carbonate on the east.



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Cortez Property

Regional Geology

(Massey et al, 2005)

1 0 1 2 3 4 Km

DWG: 536-5	Scale: 1:100,000	Feb. 2011	**Figure: 5**

Earth Resource Surveys Inc. ERSi

UTM 10 NAD83 Contour Interval = 25m

Explanation of Regional Geology Rock Units

Miocene to Pleistocene

MiPlCvb — basaltic volcanic rocks

Eocene to Oligocene

EOlEs — undivided sedimentary rocks

Lower Jurassic to Middle Jurassic

lmJs — undivided sedimentary rocks

Lower Jurassic

lJNvc — volcaniclastic rocks

lJNst — argillite, greywacke, wacke, conglomerate turbidites

Upper Triassic

uTrNvb — basaltic volcanic rocks

Middle Triassic to Upper Triassic

muTrN — undivided sedimentary rocks

Permian to Triassic

Cache Ck. Complex

PTrClm — limestone, marble, calcareous sedimentary rocks

PTrCM — limestone, marble, calcareous sedimentary rocks

PTrCsv — marine sedimentary and volcanic rocks

PTrCvb — basaltic volcanic rocks

PTrCch — chert, siliceous argillite, siliciclastic rocks

Intrusives

Cretaceous

Kg — intrusive rocks, undivided

Jurassic

Jgd — granodioritic intrusive rocks

Early Jurassic

EJsy — syenitic to monzonitic intrusive rocks

EJGMS — dioritic intrusive rocks

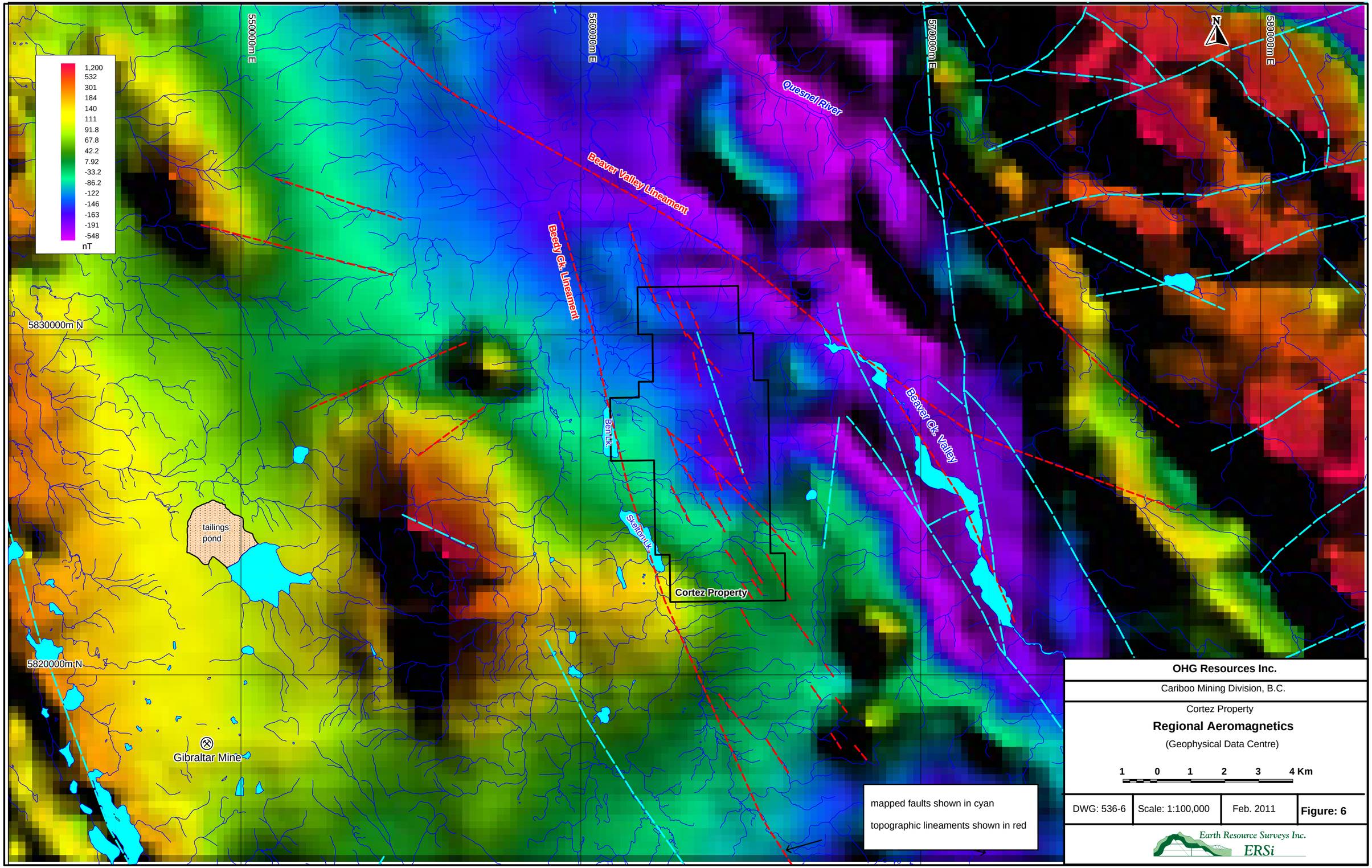
EJGMG — quartz dioritic intrusive rocks

Stucture

fault

lineament

OHG Resources Inc.		
Cortez Property **Regional Geology Legend**		
DWG: 536-5a	February 6, 2011	**Figure: 5a**



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Cortez Property

Regional Aeromagnetics

(Geophysical Data Centre)

1 0 1 2 3 4 Km

DWG: 536-6	Scale: 1:100,000	Feb. 2011	**Figure: 6**

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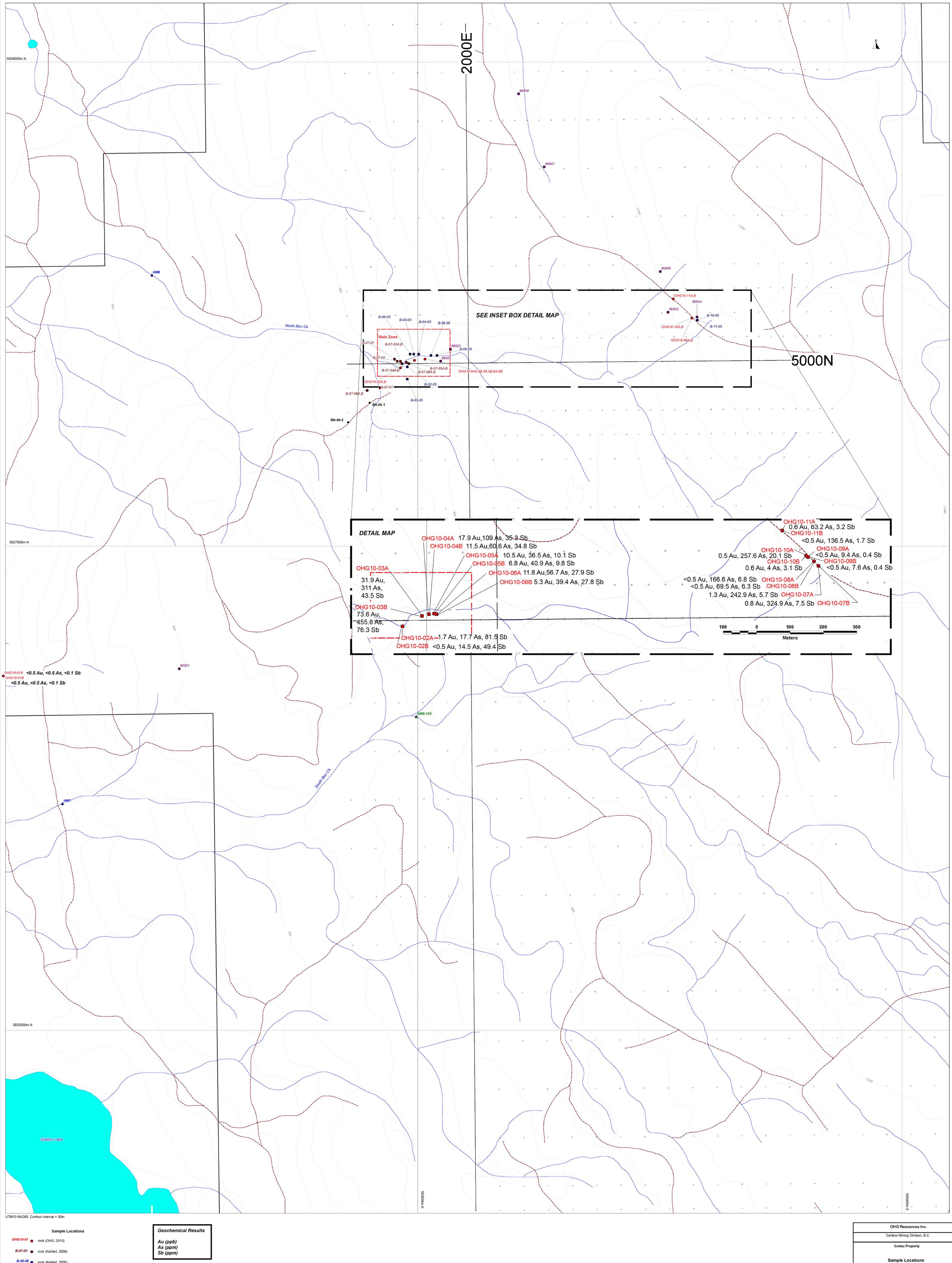
UTM 10 NAD83 Contour Interval = 25m



UTM10 NAD83 Contour interval = 20m

Sample Locations

- OHG10-01 ● rock (OHG, 2010)
- B-07-01 ● rock (Kahlert, 2008)
- B-05-05 ● rock (Kahlert, 2005)
- 86858 ● rock (Kahlert, 2002)
- \+ soil (Circle Resources, 1987)
- DMS-130 ▲ conventional silt (Circle Resources, 1987)
- HM7 ▲ heavy mineral silt (Circle Resources, 1987)

Geochemical Results

Au (ppb)
As (ppm)
Sb (ppm)

100 0 100 200 300
Meters

Scale: 1:5,000

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Cariboo Mining Division, B.C.			
Cortez Property Sample Locations			
DWG: 536-13	Scale: 1:5000	Feb. 2011	Figure: 8
Earth Resource Surveys Inc. ERSi			

6.3.1 Petrography

Campbell (1988) described a suite of ten samples collected from the Main Zone (Appendix I). These are not located on any map. The suite includes quartz-magnesite breccia, brecciated and partly silicified magnesite, silicified mylonite, carbonatized serpentinite, brecciated andesite, andesite, silicified andesite, siltstone microbreccia, silicified magnesite microbreccia, hornblende diorite (?), quartz breccia and thin bedded limestone. X-Ray diffraction analysis by Cominco's Exploration Research Laboratory confirmed the presence of magnesite in five of the samples submitted for analysis.

A second suite of eight rocks was collected from the Main Zone and described in a subsequent petrographic report by Campbell (1999) which is included in Appendix II. The sample locations were indicated on a sketch (Kahlert, 1999) but these cannot be reconciled with the configuration of North Ben Ck. as shown on the 1:20,000 scale TRIM map and no attempt has been made to position them in this review. From west to east across the north-south Main Zone the following rock types were noted: quartz veined granodiorite breccia (NB-6); silicified carbonate (NB-11); silicified, brecciated carbonate (NB-1); silicified carbonate (NB-2); cataclasized, silicified carbonate (NB-3); silicified dolomite (NB-10); brecciated micaceous quartzite (NB-9) and quartzite (NB-8).

In 2005 a petrographic study was done on an additional nine samples collected from the Main Zone which received a multielement plus gold geochemical analysis (Kahlert, 2005). The petrographic descriptions and geochemical analyses are given in Appendix III. B-05-05, a silicified brecciated andesite reported 127 ppb Au. Several of the other samples reported elevated values of arsenic, nickel and chromium.

The paragenesis is hypothesized as follows:

- episode of quartz veining due to regional metamorphism or intrusive activity,
- major regional deformation with accompanying brecciation and mylonlitization,
- metasomatism; silicification followed by magnesitisation, both affecting groundmass. Later both quartz and magnesite filled fractures, magnesite remaining mobile after quartz.
- youngest silicification; deposition of chalcedonic quartz and fine crystalline silica in open spaces.

The petrographic work done to date provides ample evidence of extreme deformation and magnesium metasomatism. Open space fillings of chalcedony and carbonate are common providing evidence of a high level of emplacement and more than one episode of silicification is evident. It is possible magnesite replaced serpentinite and supporting evidence for this is the commonly associated elevated values of nickel and chromium.

Petrographic reports are provided in Appendices I, II and III.

6.4 Structural Geology

The structural geology of the claims is not well understood or documented. The fabric of the underlying sediments and volcanics of the Cache Creek Complex trends north-northwest as evidenced by the consistent drainage alignments. The Main Zone band of alteration and deformation appears to trend north-south but this observation is restricted by the limited rock exposures. The east side of the Main Zone is described as a shallow east-dipping thrust fault (Fraser and Kahlert, 1988). Sayer's 1988 map of the main showing on North Ben Ck. includes a vertical foliation symbol in the shale package striking 335° and a fault symbol striking 225° and dipping 78° northwest near the middle of the zone on the south side of the creek.

At least five prominent, north-northwest trending drainage lineaments cross the property. All of these are interpreted as marking bedrock fracture zones. This gives rise to the possibility that they represent horsetail splays of strike-slip faults at the end of a major strike-slip fault, possibly the Pinchi Fault which is considered to end at latitudes in the vicinity of the claims (Gabrielse and Yorath, 1992). As such, they are prime sites for hydrothermal activity.

Massey et al (2005) map a north-northwest striking fault on the eastern side of the property (Figure 7). It is possible that this fault lies along the linear contact mapped between the carbonate unit (PTrClm) and the sediments and volcanic unit (PTrCsv). Alternatively, the contact is in error and lies along the fault.

7 Exploration

Analyses certificates for the different silt, soil and rock sampling programs are given in Appendix IV.

7.1 Silt Sampling

A regional heavy mineral silt sampling program by Amoco Minerals in 1983-84 collected samples from North Ben, South Ben and Skelton Creeks. These samples reported 60 ppb Au a conventional silt sample from North Ben Ck., 7,800 ppb Au from the minus (-) 40 to plus (+) 60 mesh non-magnetic silt fraction from the same creek and anomalous zinc (240 to 485 ppm) in sediments from all three creeks (Kahlert, 1988). No specific sample locations are documented and no analyses certificates are available.

In 1987 Circle collected heavy mineral samples in from the same creeks and located in Figure 8. Two non-magnetic fractions were analysed; minus (-) 40 to plus (+) 80 mesh and minus (-) 80 mesh. Note that in Fraser and Kahlert's 1988 report the samples are identified with the suffix 'DM' whereas the analyses certificate in Kahlert's 1988 report have the suffix 'HM'. Table 3 provides selected results.

Table 3. Selected analytical results for 1987 heavy mineral silt sampling.

Sample	Location	Fraction	Ag ppm	As ppm	Au ppb	Cr ppm	Ni ppm	V ppm
HM-5	Skelton Ck.	(-40) to (-80)	0.8	12	5	220	60	76.5
		(-80)	0.5	16	1575	97	55	53.9
HM-6	North Ben Ck.	(-40) to (-80)	1.0	8	10	159	34	116.9
		(-80)	0.6	9	850	57	34	101.4
HM-7	South Ben Ck.	(-40) to (-80)	0.9	5	5	161	34	107.2
		(-80)	0.7	6	1100	65	29	93.0

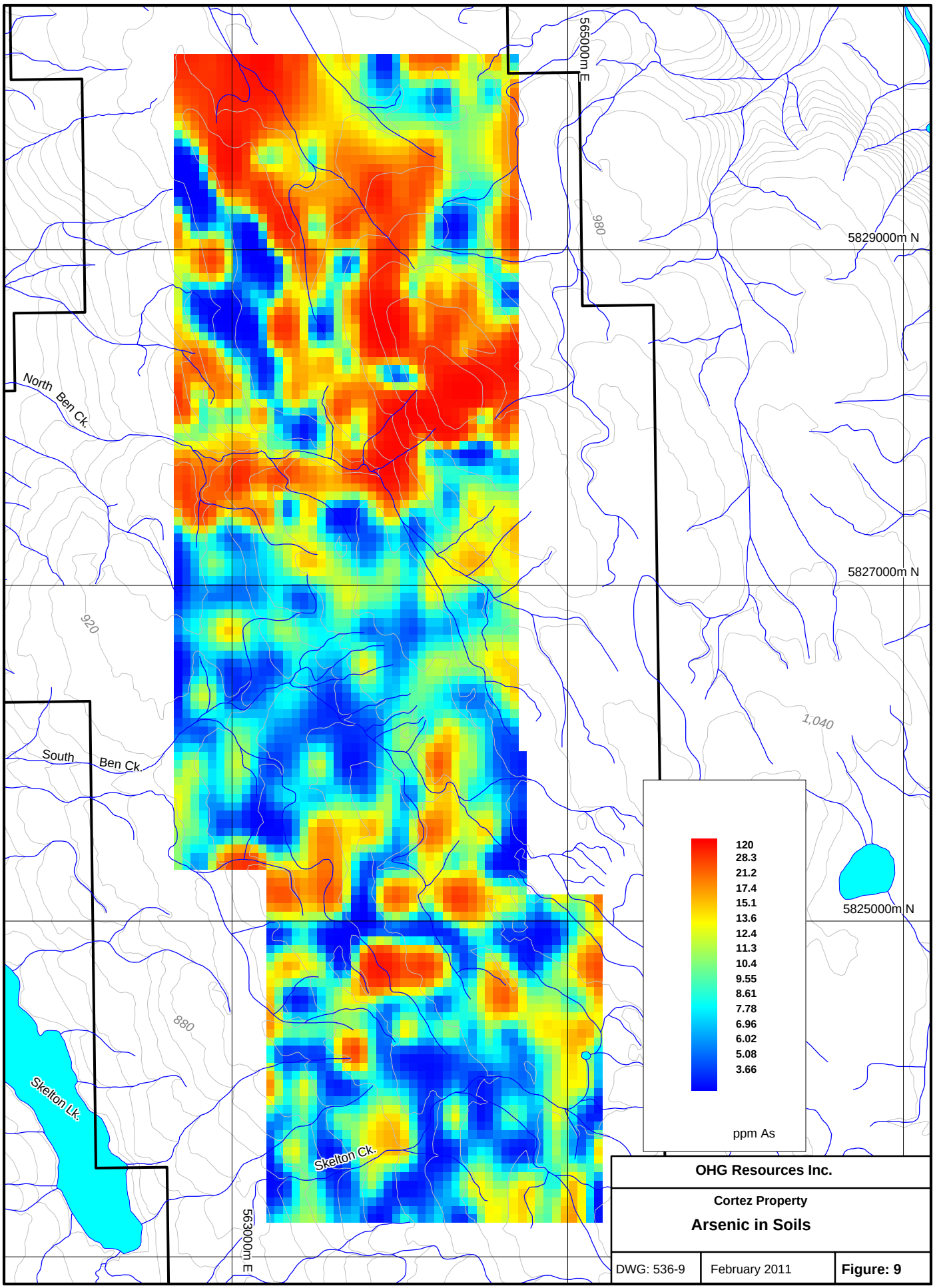
One interesting result of these analyses is that North Ben Ck., which crosses the Main Zone, reports less gold in the minus (-) 80 fraction than do the samples from South Ben and Skelton Creeks; i.e. there is the potential for both of the southern creeks to also transect a mineralized zone similar to that on the North Ben Ck.

Circle also collected conventional silt samples from the three creeks in 1987, on a spacing of about 200m along the drainages. One sample (DMS-130) collected from the middle section of South Ben Creek, located in Figure 8, reported 340 ppb Au; the remainder had Au values of 5 or 10 ppb.

7.2 Soil Sampling

A soil sample grid was established in 1987 with a nominal line spacing of 200m and sample spacing of 100m. Some portions of the grid were in filled in 1988 at 100m line spacing and 50m sample spacing. The grid was established in a local grid system which has been converted to UTM10 NAD83 for analysis in this review. Gridded results for arsenic, gold, antimony and zinc are shown in Figures 9 to 12. It is important to note that the 1987 samples, which were analyzed for Ag, As, Au, Cu, Pb, Sb and Zn, were analyzed by MIN-EN Laboratories Ltd. in North Vancouver. The samples collected in 1988, analyzed for Ag, As, Au, Co, Cu, Ni, Pb, Sb and Zn, were analyzed by Bondar Clegg & Company Ltd. (“Bondar Clegg”), which also at that time was located in North Vancouver. The author believes that the fact that the soil analyses were performed by different laboratories has introduced a bias into the results.

Arsenic values are elevated in the northeast part of the grid which is believed to be underlain by a carbonate unit. There is a clearly defined north-northwewst break in the elevated values which coincides with a prominent drainage and topographic lineament. Anomalous gold values are concentrated in the middle section of South Ben Ck. and extend to the North Ben Ck. watershed. Almost all of Skelton Ck. traverses an area of anomalous gold in soils. Anomalous antimony values occur in the northeast part of the grid and show the same break along the north-northwest lineament as the anomalous arsenic values. The area between the upper portions of North and South Ben Creeks have somewhat higher antimony values but not to the extent of the soils in the northeast grid. In contrast, the Skelton Ck. area has background antimony values. Elevated zinc in soils mark a clearly defined north-northwest trend that runs from upper Skelton Ck through South Ben Ck. with an area of anomalous zinc in soils on trend between North and South Ben Creeks.



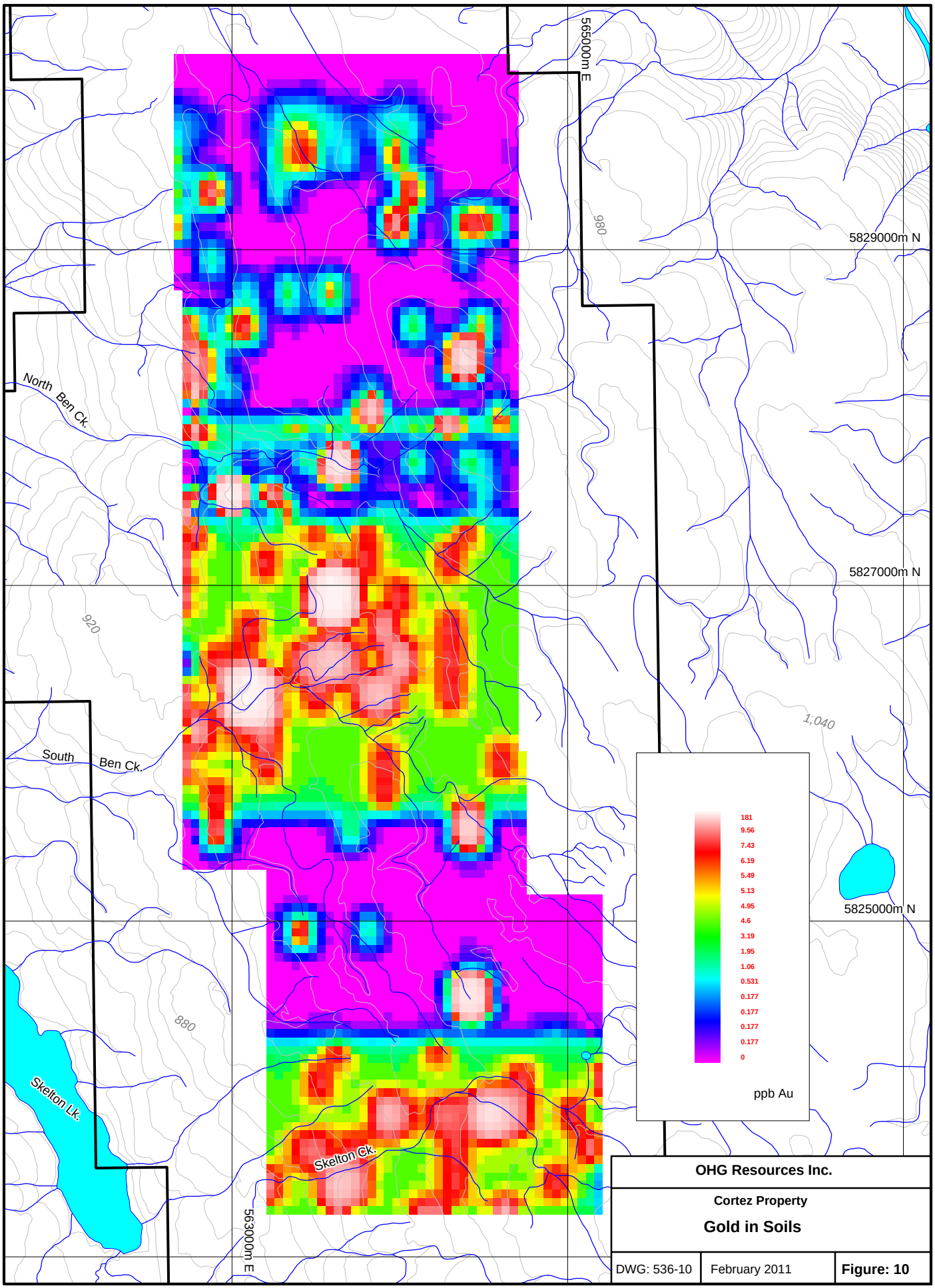
OHG Resources Inc.

Cortez Property

Arsenic in Soils

DWG: 536-9	February 2011	**Figure: 9**

UTM 10 NAD83 Contour interval = 20m



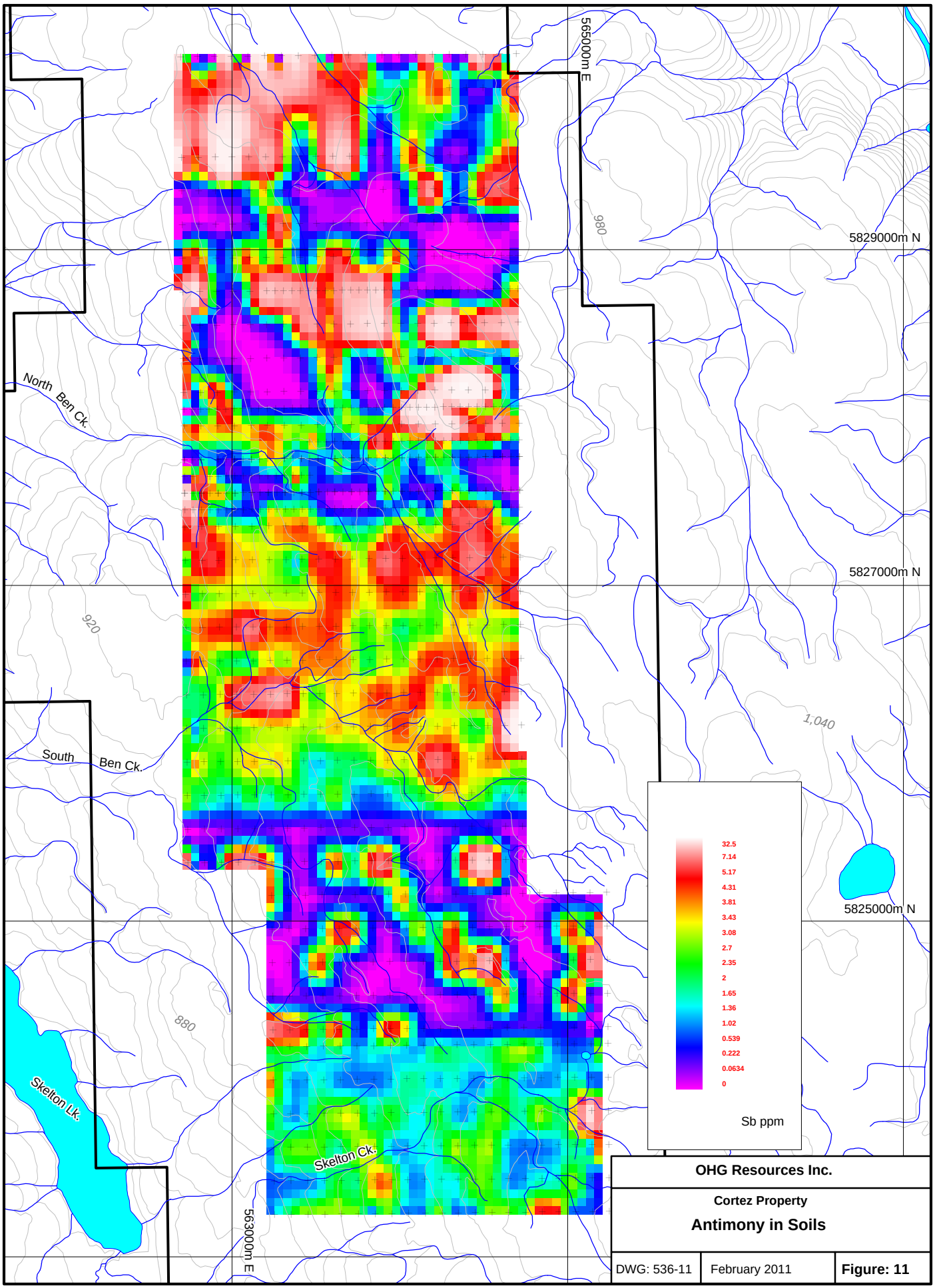
OHG Resources Inc.

Cortez Property

Gold in Soils

DWG: 536-10	February 2011	**Figure: 10**

UTM 10 NAD83 Contour interval = 20m



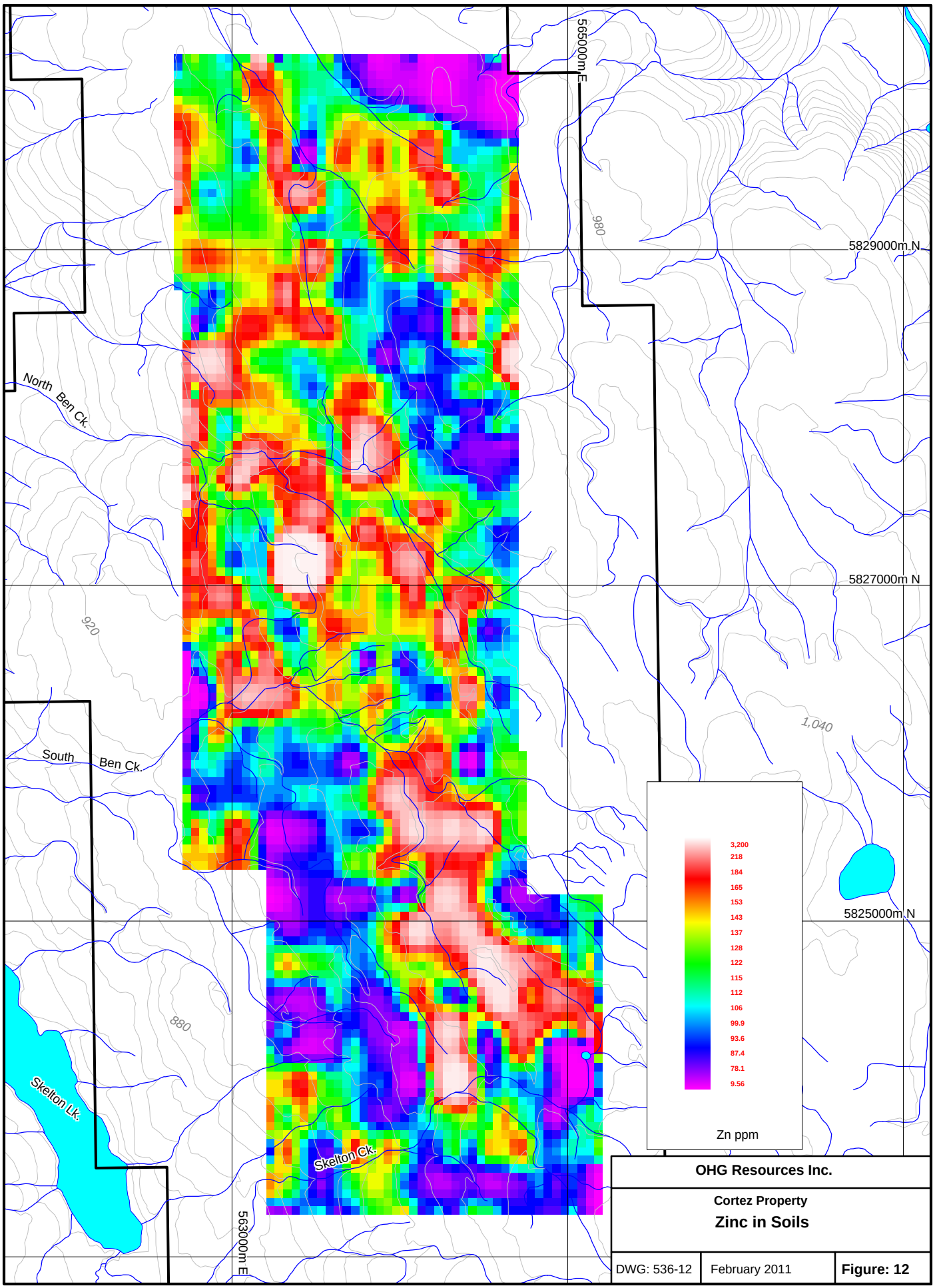
OHG Resources Inc.

Cortez Property

Antimony in Soils

DWG: 536-11	February 2011	**Figure: 11**

UTM 10 NAD83 Contour interval = 20m



OHG Resources Inc.

Cortez Property

Zinc in Soils

DWG: 536-12	February 2011	**Figure: 12**

UTM 10 NAD83 Contour interval = 20m

Both the gold and antimony plots show a block of low values between Skelton and South Ben Creeks and north of North Ben Creek. This is most likely due to a sampling bias or the result of different analytical procedures. Both these areas were sampled in 1988 as part of the follow-up program.

Correlation matrices for the two soil sampling programs are compared in Tables 4 and 5.

Table 4. Correlation matrix of 378 soil samples analyzed by MIN-EN Laboratories Ltd.

	Ag	**As**	**Au**	**Cu**	**Pb**	**Sb**	**Zn**
Ag	1.000	0.170	-0.029	0.379	0.332	0.062	0.031
As	0.170	1.000	0.000	0.234	0.262	0.494	0.021
Au	-0.029	0.000	1.000	-0.033	0.003	0.042	0.003
Cu	0.379	0.234	-0.033	1.000	0.350	0.065	0.035
Pb	0.332	0.262	0.003	0.350	1.000	0.220	0.015
Sb	0.062	0.494	0.042	0.065	0.220	1.000	0.044
Zn	0.031	0.021	0.003	0.035	0.015	0.044	1.000

Table 5. Correlation matrix of 556 soil samples analyzed by Bondar Clegg.

	Ag	**As**	**Au**	**Co**	**Cu**	**Ni**	**Pb**	**Sb**	**Zn**
Ag	1.000	0.536	0.008	0.119	0.038	0.113	-0.024	0.228	-0.032
As	0.536	1.000	-0.120	0.302	0.144	0.327	0.012	1.137	0.144
Au	0.008	-0.120	1.000	-0.132	-0.199	-0.148	-0.153	-0.262	-0.214
Co	0.119	0.302	-0.132	1.000	0.428	0.763	0.179	0.304	0.235
Cu	0.038	0.144	-0.199	0.428	1.000	0.621	0.148	0.208	0.447
Ni_	0.113	0.327	-0.148	0.763	0.621	1.000	0.082	0.367	0.239
Pb	-0.024	0.012	-0.153	0.179	0.148	0.082	1.000	0.102	0.272
Sb	0.228	1.137	-0.262	0.304	0.208	0.367	0.102	1.000	0.051
Zn	-0.032	0.144	-0.214	0.235	0.447	0.239	0.272	0.051	1.000

Significant differences between the two soil sampling groups are evident. Gold values in the 1987 MIN-EN group show only a very minor positive correlation with lead, antimony and zinc. The correlation with arsenic is neutral and that with silver is negative. In contrast, gold the 1988 Bondar Clegg group has a very minor positive correlation with silver and negative correlations with all the other elements.

The conclusion from the apparent blocks of low Au and Sb values in Figures 10 and 11 and variance in the correlation matrices is that one should not give too much weight to the soil sampling compilations. The 1987 and 1988 soil sampling programs should be evaluated individually.

8 Rock Sampling

Rock sampling by Circle in 1987 reported that the quartz carbonate and quartz carbonate breccias in the Main Zone had typical epithermal associations with gold to 220 ppb[1], arsenic to 573 ppm, antimony to 249 ppm, mercury to 1,945 ppb and nickel to 981 ppm.

Kahlert's rock samples in his 2002 report are summarized in Table 6. Samples 868752 and 86853 were from the Main Zone, 86851 was collected ~1.7 km southwest of the Main Zone and the remainder of the samples were collected off the forestry road that runs northwest across the claims north and east of the Main Zone.

Table 6. Summary of rock samples from Kahlert, 2002.

Sample	As	Au	Cr	Cu	Ni	Sb	V	Description
	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
86851	<5	13	71	164	18	5	153	intermediate volcanic, strong epidote alteration, weak silica-carbonate; 3-5% pyrite
86852	270	2	514	31	861	20	47	chips from oxidized fault zone, 3% fuchsite, weak silica alteration
86853	215	3	520	8	907	15	22	dark grey carbonate, fine quartz-carbonate stockwork
86854	65	4	357	4	983	15	12	while mylonite, strong silica alteration, 1cm quartz vein, 10% fuchsite
86855	140	4	201	13	886	10	11	grey mylonite, moderate silica-carbonate alteration, 5% fuchsite, Mn (?) spotted, several thin quartz veinlets
86856	85	20	471	4	951	10	15	white-grey mylonite, strong silica-carbonate alteration, 5% green phyllosilicate, 3% white mica
86857	5	2	75	40	13	<5	11	light grey, fine grained volcanic with minor silica and carbonate alteration
86858	45	24	140	25	38	25	37	fine grained volcanic, sheared, veinlets of silica, carbonate and pyrite

In 2005 Kahlert reported results from additional samples, all collected in or proximal to the Main Zone. Selected results are shown in Table 7.

Table 7. Summary of rock samples from Kahlert, 2005.

Sample	As	Au	Cr	Cu	Ni	Sb	V	Description
	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
B-02-05	<5	7	102	24	32	6	147	outcrop in creek/canyon
B-03-05	<5	5	69	23	14	<5	117	
B-04-05	652	55	312	35	685	70	24	siliceous rusty outcrop in creek
B-05-05	981	127	549	45	1116	67	24	very siliceous
B-06-05	234	10	281	51	518	163	87	
B-07A-05	23	46	85	28	38	21	28	
B-07B-05	91	60	60	86	100	59	73	
B-08-05	<5	2	140	7	9	<5	3	vuggy quartz float
B-09-05	<5	2	222	57	144	<5	93	possible outcrop
B-10-05	132	4	402	26	799	17	54	mariposite and quartzite layers
B-11-05	<5	6	342	4	776	8	20	dark schist

[1] The actual reported value is 220 ppm but this must be typographical error as the certificates at the time indicate ppb Au.

In 2008 Kahlert collected an additional 13 samples from the Main Zone, summarized in Table 8.

Table 8. Summary of rock samples from Kahlert, 2008.

No	As	Au	Cr	Cu	Hg	Ni	Sb	V	Description
	ppm	ppb	ppm	ppm	ppb	ppm	ppm	ppm	
B-07-01	5	4	52	42	14	23	<5	230	medium to coarse grained mafic volcanic; chlorite alteration with silica veinlets 1-2mm; silicification and chalcedonic quartz with vugs
B-07-02	<5	1	203	7	41	70	5	159	dark fine grained volcanic; strong pervasive silicification, minor quartz veins
B-07-03A	<5	2	278	<1	45	84	9	106	coarse grained green volcanic; almost completely silicified, micaceous serpentinite, some vuggy quartz veins
B-07-03B	<5	4	221	3	48	80	6	152	
B-07-04A	<5	3	186	9	12	58	<5	111	fine grained mafic volcanic; completely silica-carbonate altered with quartz flooding, carbonate and quartz veinlets 1-5mm
B-07-04B	<5	2	204	3.00	<5	53	<5	96	
B-07-05A	289	29	401	32	548	724	102	28	iron stained quartz breccia with abundant Mn blotches 1-5mm, green mica stained, extremely hard and quartz cemented, numerous 1-3m quartz veins
B-07-05B	359	31	452	60	576	767	123	30	
B-07-06A	365	10	405	<1	125	776	106	23	fine grained, dark, banded, from listwanite zone; 15-20% green mica, highly fractured, iron stained, layered fuchsite-quartz-carbonate; magnesian carbonate and pink carbonate,
B-07-06B	570	13	383	<1	142	823	257	23	
B-07-07	<5	6	91	149	<5	134	<5	626	medium to coarse grained, dark green-black volcanic, moderate to strong silicification locally
B-07-08A	<5	3	76	29	<5	12	<5	81	granitic textured boulder; quartz (40%), feldspar (30%), biotite (20%), amphibole (10%)
B-07-08B	<5	2	233	30	<5	9	<5	22	quartz vein in above boulder, manganese coating

In 2010 G. Read of OHG Resources collected twelve rock samples from the roadside near Skelton Ck, the Main Zone and from the road to the northeast. Duplicate samples were analysed. Selected results are summarized in Table 9.

Table 9. Summary of OHG 2010 rock samples.

Sample	As	Au	Cr	Cu	Hg	Ni	Sb	V	Description
	ppm	ppb	ppm	ppm	ppb	ppm	ppm	ppm	
OHG10-01A	<0.5	<0.5	34	51.4	<0.01	37.3	<0.1	33	Weathered angular Serpentinite boulder
OHG10-01B	<0.5	<0.5	42	46.9	<0.01	43.6	<0.1	37	Weathered angular Serpentinite boulder
OHG10-02A	17.7	1.7	427	17.5	1.03	887.2	81.5	17	Mafic Volcanic, silica veinlets, 10 % fuchsite
OHG10-02B	14.5	<0.5	550	14.5	0.56	866.1	49.4	17	Mafic Volcanic, silica veinlets, 10 % fuchsite
OHG10-03A	311	31.9	310	47.2	0.66	378.1	45.3	10	Quartz Breccia, outcrop, intense veining , grey
OHG10-03B	455.8	73.6	305	47.2	0.6	462.4	76.3	9	Quartz Breccia, outcrop, intense veining , grey
OHG10-04A	109	17.9	10	42.8	0.14	51.9	35.3	8	Outcrop, Quartz Breccia, white
OHG10-04B	60.6	11.5	8	25.7	0.17	24	34.8	5	Outcrop, Quartz Breccia, white
OHG10-05A	36.5	10.5	4	8	0.25	11.9	10.1	6	Silicified Breccia, Grey, Quartz Veined
OHG10-05B	40.9	6.8	4	7.4	0.18	11.6	9.8	8	Silicified Breccia, Grey, Quartz Veined
OHG10-06A	56.7	11.8	4	12	0.13	22.7	27.9	5	Outcrop at creek, white Quartz Vein, 2-3 metres
OHG10-06B	39.4	5.3	4	17.1	0.15	18.2	27.8	5	Outcrop at creek, white Quartz Vein, 2-3 metres
OHG10-07A	242.9	1.3	468	17.9	0.29	925.5	5.7	38	Quartz Carbonate Breccia with 10% Fuchsite, broken outcrop
OHG10-07B	324.9	0.8	356	17.6	0.27	960	7.5	32	Quartz Carbonate Breccia with 10% Fuchsite, broken outcrop
OHG10-08A	166.6	<0.5	396	10.3	0.33	1048.6	6.8	20	Carbonate Breccia, 15% Fuchsite, outcrop
OHG10-08B	69.5	0.7	270	10.9	0.5	699.4	6.3	17	Carbonate Breccia, 15% Fuchsite, outcrop
OHG10-09A	9.4	<0.5	353	4.1	0.02	1063.9	0.4	8	Quartz Carbonate, Brown 15% fuchsite, outcrop
OHG10-09B	7.6	<0.5	270	3.6	0.02	912.2	0.4	7	Quartz Carbonate, Brown 15% fuchsite, outcrop
OHG10-10A	257.6	0.5	10	24.4	0.11	102.1	20.1	7	Quartz Carbonate Breccia, Brown, outcrop
OHG10-10B	4	0.6	9	15.9	0.11	13.2	3.1	6	Quartz Carbonate Breccia, Brown, outcrop
OHG10-11A	63.2	0.6	339	7.9	0.59	758.6	3.2	18	Quartz Carbonate Brown--green, fuchsite, outcrop
OHG10-11B	136.5	<0.5	786	9	0.71	1504.8	1.7	27	Quartz Carbonate Brown--green, fuchsite, outcrop
OHG10-12A*	41.4	2	16	32.2	1.19	43	7.6	24	Outcrop, fine grained carbonate, altered, grey
OHG10-12B*	39.1	2	19	33.1	0.92	36.7	6.9	26	Outcrop, fine grained carbonate, altered, grey

* Samples are located off the claims and the costs have not been applied to the assessment filings as shown on the "STATEMENT OF EXPENDITURES"

Gold values in excess of 25 ppb are highlighted in the above tales, the highest being a silliceous rock from the Main Zone collected by Kahlert in 2005 with 127 ppb Au. A correlation matrix on the OHG rocks samples, Table 10, provides some interesting clues to gold mineralization . Gold has the highest correlation with sulphur followed by arsenic, antimony and copper. There is a weak correlation with chromium. From this it follows that gold mineralization could be associated with arsenopyrite or an antimony sulphosalt. The chromium association, which is substantiated in the field by the common observation of chromium-bearing phyllosilicate(s) could be a clue to deep-seated structures controlling the mineralization. This association could be exploited in any further soil sampling programs

Table 10. Correlation matrix of OHG 2010 rock samples.

Field	Al	As	Au	Ba	Ca	Co	Cr	Cu	Fe	Hg	K	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	V	Zn
Al	1.00	-0.02	-0.02	-0.20	0.16	-0.12	-0.21	0.53	0.01	0.05	-0.07	-0.20	0.03	-0.20	0.88	-0.24	-0.12	-0.09	-0.03	-0.02	0.08	-0.20	0.56	0.15
As	-0.02	1.00	0.69	-0.13	-0.23	0.11	0.25	0.48	0.18	0.05	-0.24	0.07	0.06	-0.31	-0.10	0.16	-0.41	-0.12	0.89	0.30	0.07	-0.20	0.22	0.03
Au	-0.02	0.69	1.00	-0.47	-0.19	0.03	0.12	0.57	0.03	0.06	-0.22	0.02	-0.15	-0.04	-0.14	-0.03	-0.16	-0.29	1.03	0.66	-0.22	-0.24	-0.29	-0.35
Ba	-0.20	-0.13	-0.47	1.00	0.10	0.14	0.30	-0.26	0.40	0.45	0.15	0.29	0.49	-0.25	-0.02	0.29	-0.20	0.37	-0.53	-0.19	0.41	0.26	0.21	0.31
Ca	0.16	-0.23	-0.19	0.10	1.00	-0.49	-0.50	0.23	-0.17	0.47	0.67	-0.49	0.27	0.09	0.46	-0.53	0.60	0.61	-0.30	-0.21	0.37	0.88	0.22	0.47
Co	-0.12	0.11	0.03	0.14	-0.49	1.00	0.76	-0.41	0.82	-0.04	-0.22	0.91	0.57	-0.49	-0.19	0.90	-0.21	-0.31	-0.01	-0.24	0.36	-0.36	0.23	-0.23
Cr	-0.21	0.25	0.12	0.30	-0.50	0.76	1.00	-0.32	0.79	0.29	-0.35	0.88	0.40	-0.56	-0.28	0.95	-0.20	-0.37	0.25	0.08	0.39	-0.34	0.34	-0.37
Cu	0.53	0.48	0.57	-0.26	0.23	-0.41	-0.32	1.00	-0.13	0.31	0.19	-0.43	-0.06	0.09	0.58	-0.47	-0.37	0.22	0.65	0.47	0.11	0.09	0.27	0.30
Fe	0.01	0.18	0.03	0.40	-0.17	0.82	0.79	-0.13	1.00	0.48	0.03	0.88	0.80	-0.68	0.09	0.82	-0.18	-0.02	-0.02	-0.05	0.74	-0.03	0.55	-0.01
Hg	0.05	0.05	0.06	0.45	0.47	-0.04	0.29	0.31	0.48	1.00	0.41	0.15	0.57	-0.43	0.35	0.13	0.10	0.52	0.21	0.30	0.74	0.57	0.44	0.31
K	-0.07	-0.24	-0.22	0.15	0.67	-0.22	-0.35	0.19	0.03	0.41	1.00	-0.33	0.45	0.10	0.38	-0.32	0.22	0.89	-0.53	-0.24	0.60	0.83	0.21	0.76
Mg	-0.20	0.07	0.02	0.29	-0.49	0.91	0.88	-0.43	0.88	0.15	-0.33	1.00	0.50	-0.55	-0.27	0.94	-0.18	-0.40	0.02	-0.01	0.38	-0.34	0.24	-0.39
Mn	0.03	0.06	-0.15	0.49	0.27	0.57	0.40	-0.06	0.80	0.57	0.45	0.50	1.00	-0.55	0.29	0.48	0.07	0.46	-0.22	-0.36	0.86	0.41	0.53	0.46
Mo	-0.20	-0.31	-0.04	-0.25	0.09	-0.49	-0.56	0.09	-0.68	-0.43	0.10	-0.55	-0.55	1.00	-0.21	-0.53	-0.29	0.06	-0.45	0.12	-0.53	0.11	-0.58	-0.05
Na	0.88	-0.10	-0.14	-0.02	0.46	-0.19	-0.28	0.58	0.09	0.35	0.38	-0.27	0.29	-0.21	1.00	-0.32	-0.01	0.34	-0.19	-0.10	0.40	0.21	0.65	0.47
Ni	-0.24	0.16	-0.03	0.29	-0.53	0.90	0.95	-0.47	0.82	0.13	-0.32	0.94	0.48	-0.53	-0.32	1.00	-0.22	-0.36	-0.06	-0.11	0.38	-0.35	0.30	-0.34
P	-0.12	-0.41	-0.16	-0.20	0.60	-0.21	-0.20	-0.37	-0.18	0.10	0.22	-0.18	0.07	-0.29	-0.01	-0.22	1.00	0.17	-0.13	-0.32	-0.01	0.43	-0.12	0.11
Pb	-0.09	-0.12	-0.29	0.37	0.61	-0.31	-0.37	0.22	-0.02	0.52	0.89	-0.40	0.46	0.06	0.34	-0.36	0.17	1.00	-0.39	-0.21	0.53	0.80	0.14	0.90
S	-0.03	0.89	1.03	-0.53	-0.30	-0.01	0.25	0.65	-0.02	0.21	-0.53	0.02	-0.22	-0.45	-0.19	-0.06	-0.13	-0.39	1.00	0.74	-0.28	-0.37	-0.30	-0.41
Sb	-0.02	0.30	0.66	-0.19	-0.21	-0.24	0.08	0.47	-0.05	0.30	-0.24	-0.01	-0.36	0.12	-0.10	-0.11	-0.32	-0.21	0.74	1.00	-0.21	-0.22	-0.22	-0.30
Sc	0.08	0.07	-0.22	0.41	0.37	0.36	0.39	0.11	0.74	0.74	0.60	0.38	0.86	-0.53	0.40	0.38	-0.01	0.53	-0.28	-0.21	1.00	0.54	0.72	0.48
Sr	-0.20	-0.20	-0.24	0.26	0.88	-0.36	-0.34	0.09	-0.03	0.57	0.83	-0.34	0.41	0.11	0.21	-0.35	0.43	0.80	-0.37	-0.22	0.54	1.00	0.13	0.58
V	0.56	0.22	-0.29	0.21	0.22	0.23	0.34	0.27	0.55	0.44	0.21	0.24	0.53	-0.58	0.65	0.30	-0.12	0.14	-0.30	-0.22	0.72	0.13	1.00	0.31
Zn	0.15	0.03	-0.35	0.31	0.47	-0.23	-0.37	0.30	-0.01	0.31	0.76	-0.39	0.46	-0.05	0.47	-0.34	0.11	0.90	-0.41	-0.30	0.48	0.58	0.31	1.00

8.1 Ground Magnetics and VLF Survey

A limited ground magnetic and VLF_EM survey was completed in 1997 (Kahlert, 1998). Four grid lines spaced 200m apart were established over the 6 Ben claims that were then current. One of these lines crossed the area of the Main Zone. Stations were spaced at 25m. Data profiles for both magnetics and VLF-EM results from Kahlert's 1998 report are included in Appendix V.

The baseline shown on these profiles is the same as that established for the 1987-1988 soil sampling grid. L500N on the profiles corresponds to Line 5000N of the soil grid.

The magnetic profiles show generally flat magnetic gradients with positive or negative disturbances of less than 100 nT.

The VLF-EM profiles were prepared for both Seattle and Culter frequencies. The Cutler signal was considered too weak to interpret and is not included in Appendix V. A number of conductors were interpreted for the Seattle frequency profile by Orequest Consultants of Vancouver and these are shown on the profile (Appendix V). These have not been geologically evaluated.

Gridded magnetic results are shown in Figure 13. No obvious trends are apparent although higher total counts were recorded on the line crossing the Main Zone. This could be due to less overburden relative to the remainder of the grid. The line spacing is considered to be too coarse for adequate analysis and interpretation.

9 Drilling

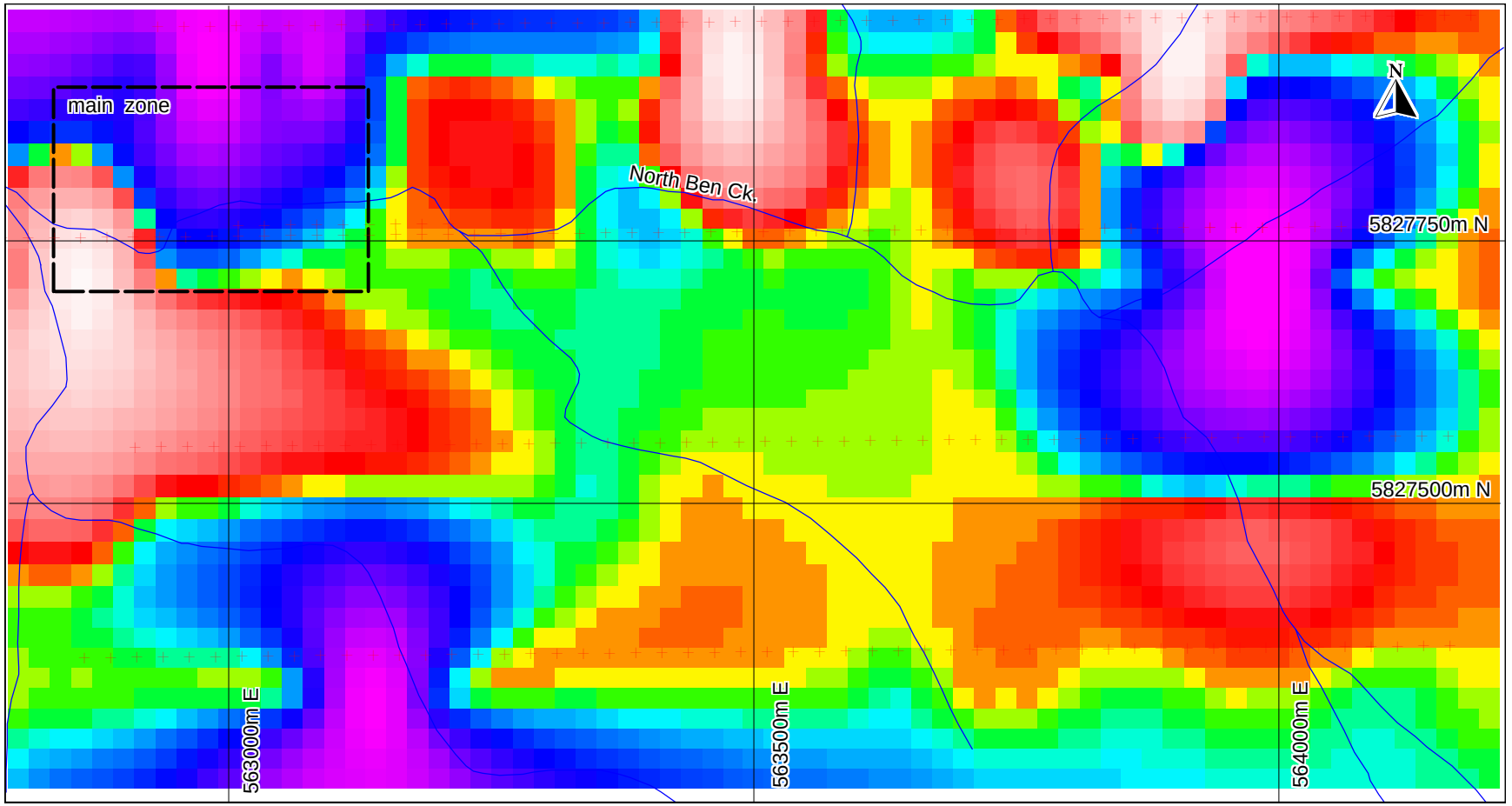
Two NQ diamond drill holes were completed by Circle in 1990 (Graham, 1991). These are located on Figure 8. Drill hole BN-90-1 had a total depth of 31.1m intersecting black shale, tuff, silicified porphyry and silty limestone. No significant gold values are reported from this hole. Drill hole BN-90-2 had a total depth of 76.8m intersecting altered basalt or andesite, andesite, black shale and tuff. An average gold value of 43 ppb is reported between 36.48 and 49.25m depth from black shale with quartz veining, greenish tuff and possibly a fault zone. 104 ppb Au is reported from shale with moderate quartz veining between 60.8 and 63.84m depth (Graham, 1991). Drill logs and given in Appendix VI and the analyses certificates are included in Appendix IV.

10 Sampling Method and Approach

It is assumed that sampling programs during the 1984-2008 were conducted according to then industry standards. It is anticipated that any future sampling program would be supervised by a Qualified Person and would adhere to industry accepted Best Practices.

11 Sample Preparation, Analyses and Security

It is assumed that sample preparation and analytical procedures during the 1984-2008 exploration programs followed the then standard practices of both MIN-EN Laboratories Ltd., Bondar Clegg & Co.



61,700
57,700
57,300
57,300
57,200
57,200
57,200
57,200
57,200
57,200
57,200
57,100
57,100
56,900
56,600
55,800
48,400
nT

125 0 125 250
Meters

OHG Resources Inc.		
Cariboo Mining Division, B.C. Cortez Property **Ground Magnetics**		
DWG: 536-14	Feb. 2011	**Figure: 13**

Ltd. and Assayers Canada. Some details of the analytical methods are described in the analyses certificates, Appendix IV. These analyses included check analyses of standard samples and duplicate samples.

No sample material from these programs is available to conduct check or confirmation assays.

12 Data Verification

This report draws much information from work completed prior to the implementation of National Instrument 43-101. In the opinion of the author, the exploration programs as described in the reviewed reports were conducted to then accepted industry standards.

The author was provided unencumbered access to all available data known for the Cortez property. Almost all of this data was in paper format and included copies of reports prepared by geological consultants and company representatives that oversaw the exploration work on the property. Included in this data were copies of all of the original signed analytical certificates (Appendix IV).

13 Adjacent Properties

The closest operating mine is Taseko Mines Ltd's Gibraltar copper-molybdenum porphyry mine 15 km southwest of the Cortez claims (Figure 1). Imperial Metal's Mount Polley copper-gold porphyry mine is located 28 km east of the claims. Numerous copper and gold prospects are located throughout the region, including Spanish Mtn. 40 km to the east and the QR past producing mine 20 km to the northeast.

14 Mineral Processing and Metallurgical Testing

No mineral processing or metallurgical testing has been conducted on samples collected from the Cortez claims.

15 Mineral Resource and Mineral Reserve Estimates

No mineral resource or mineral reserve estimates have been made on the property.

16 Other Relevant Data and Information

The author of this report was provided with free and clear access to all data pertaining to the Cortez property. The author is not aware of any other relevant data or information pertaining to the Cortez property that should be included in this report.

17 Mineralization and Possible Deposit Type

Silicification in the Main Zone ranges from hairline crack infillings to veins and near total replacement of the host rock. In the latter case the rock superficially resembles a dark grey volcanic with the dark color caused by finely disseminated sulphides. Pyrite is reported to be abundant (Kahlert, 2002) but arsenopyrite has also been identified in these silica-flooded rocks (Fraser and Kahlert, 1988).

No other significant occurrences of sulphides have been reported.

In addition to gold, anomalous geochemical values of arsenic, antimony, mercury, nickel, vanadium, chromium are reported in several rocks collected from the Main Zone. This suite of elements suggests both an epithermal component and a deep-seated, ie. ultramafic, component.

It is premature to classify the deposit type as no deposit is currently established. However, characteristics of the known mineralization and geochemical anomalies on the Cortez claims provide some clues as to the potential deposit types. These include:

- Spatial association of the geochemical anomalies with at least five north-northwest trending fault or fault zones that are proximal to the eastern boundary of the Cache Creek terrane and could be splays of the Pinchi Fault system.
- The occurrence of silica-magnesite breccias and widespread magnesitisation, possibly replacing serpentinite, abundant chromium phyllosilicates and serpentinite exposures near Skelton Lake are all taken as evidence for these interpreted faults.
- There is ample evidence of multiple episodes of quartz veining and silicification in a high level (near surface) environment, resulting in both chalcedonic and vuggy quartz.
- Associated geochemical anomalies of arsenic, antimony, gold, locally mercury could be taken as evidence for an epithermal association.

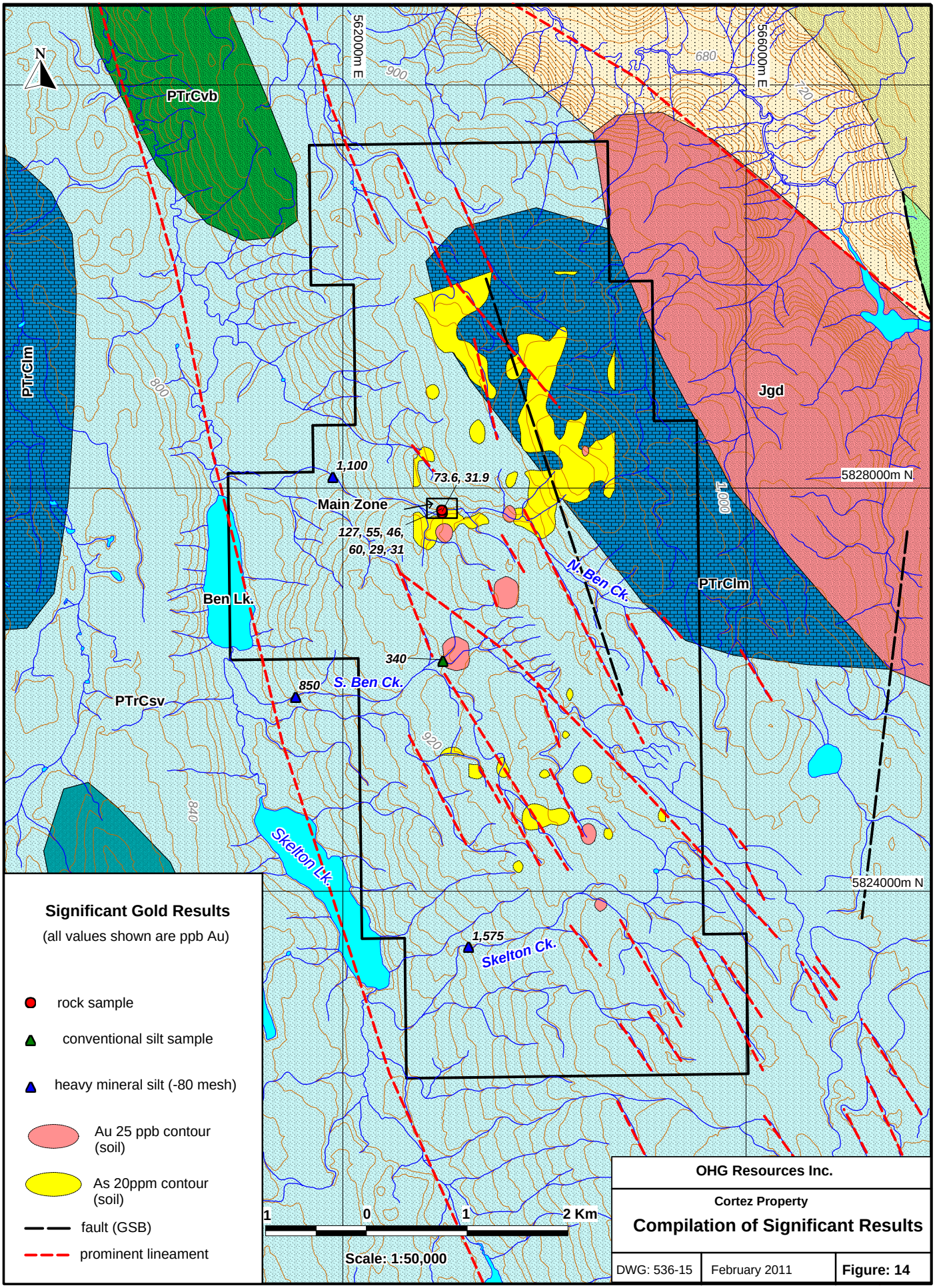
Mineral deposit profiles that are applicable include:

- Gold-bearing quartz veins and veinlets (“Mother Lode veins”) with minor sulphides crosscut a wide variety of host rocks and are localized along major regional faults and related splays. The wallrock is typically altered to silica, pyrite and muscovite within a broader carbonate alteration.
- Auriferous chalcedonic or opaline silica and fine-grained quartz form veins, stockworks and matrix filling in breccias hosted by volcanic and, less commonly, sedimentary rocks.
- Carbonated serpentinite or listwanite: quartz and carbonate alteration in zones of intense brittle fracturing at relatively shallow levels along major fault zones. Commonly occur in areas of active geothermal systems.

18 Interpretation and Conclusions

Figure 14 shows the distribution of prominent topographic lineaments, rock units as mapped by the GSB and significant gold results (ppb Au). The latter include the three heavy mineral silt samples (HM-5,6 and 7), a conventional silt collected on South Ben Ck. (DMS-130), rock samples collected in the Main Zone reporting > 25 ppb Au and areas with elevated As (20 ppm or more) or Au (25 ppb or more) in soils.

The Cortez claims are interpreted to straddle a zone of north-northwest striking deep-seated fractures, possibly horsetail splays at the southern terminus of the regional Pinchi Fault system. Observations of serpentinite and abundant chromium phyllosilicates support this interpretation. Mineralization in the Main Zone is associated with a quartz-carbonate breccia, intense and episodic silicification and magnesium


N
562000m E
566000m E
PTrCvb
PTrClm
Jgd
PTrCsv
Ben Lk.
Main Zone
1,100
73.6, 31.9
127, 55, 46,
60, 29, 31
N. Ben Ck.
S. Ben Ck.
340
850
Skelton Lk.
Skelton Ck.
1,575
5828000m N
5824000m N
900
800
840
920
680
720
1000
Significant Gold Results
(all values shown are ppb Au)
rock sample
conventional silt sample
heavy mineral silt (-80 mesh)
Au 25 ppb contour (soil)
As 20ppm contour (soil)
fault (GSB)
prominent lineament
1 0 1 2 Km
Scale: 1:50,000
OHG Resources Inc.
Cortez Property
Compilation of Significant Results
DWG: 536-15
February 2011
Figure: 14

UTM10 NAD83

metasomatism. The association of high geochemical values for gold, arsenic, antimony and mercury with the chalcedonic quartz and vuggy quartz veins all suggest an epithermal characteristic to the mineralization which is interpreted to be the result of hydrothermal fluids rising up the deep-seated fractures or faults which served as conduits.

To date, the mineralized quartz-carbonate breccia has only been found on North Ben Ck. The compilation in Figure 14 indicates however the entire strike length between North Ben and Skelton Creeks is prospective with silt and soil anomalies equal to or better than those on North Ben Creek.

The arsenic soil anomalies northeast of North Ben Creek remain unexplained at this time. The mapping indicates this area is underlain by a sedimentary carbonate unit of the Cache Ck. Group. If this is true then it opens the possibility that the carbonate is mineralized with sulphides. It should be noted that this area also includes some gold geochemical anomalies in the soil. Further work on the property should investigate if the younger granodioritic stock mapped on the east side of the carbonate rocks has resulted in mineralization of the carbonate rocks.

19 Recommendations

A two stage exploration program is recommended for gold exploration on the Cortez property. Stage I would consist of field mapping, a geophysical survey and limited soil sampling. Stage II would be a modest diamond drill program of 10 to 15 holes sited on targets developed in Stage 1.

19.1 Stage I Recommendations

- The property requires basic mapping of rock exposures. This should be accompanied by rock sampling, recording locations where chromium phyllosilicates, carbonate and or silica breccias or veins are observed, as these may help in identifying underlying fault and fracture zones.
- Recent rock sampling suggests a positive correlation between gold and chromium. The chromium is interpreted as being the product of weathering and or alteration of ultramafic rocks within the basement fault zones. Therefore, soil sample traverses along and crossing the lineaments identified may assist in defining the fracture zones and in prioritizing exploration target areas.
- It might be possible to “level” the problematic soil analyses of MIN-EN and Bondar Clegg. If two or three of the 1987 and 1988 soil lines were re-sampled and analyzed with more contemporary methods it might be possible to arrive at some adjusting factor to “equalize” the two soil sampling results.
- Petrographic study of polished thin sections of gold mineralized rock specimens is recommended in order to determine in what form and where gold occurs.

- Further work on the property should investigate if the younger granodioritic stock mapped on the east side of the carbonate rocks has resulted in mineralization of the carbonate rocks. To this end, silt sampling of the streams in this area is recommended.
- The 1987-1988 grid should be re-established and expanded to cover the property. Grid lines with 200m line would have a total length of about 166 line km. A grid with 400m spacing would total about 83 line km. Accordingly, management may wish only to grid and survey only that portion of the property between the northernmost point of North Ben Creek and the southernmost point of Skelton Creek.
- An induced polarization and resistivity survey on the east-west grid lines is recommended. Initially, 3 or 4 lines should be profiled near the Main Zone to establish the effectiveness of IP and resistivity to identify the zone of deformation, carbonate-quartz breccia and included fine grained sulphides.

19.2 Stage II Recommendations

- Based on exploration targets identified in Stage I a diamond drill program is recommended. Ten to fifteen inclined holes are anticipated in order to test the various north-northwest trending fault zones currently interpreted to transect the property.

20 References

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Kahlert, B.H., 2002; Ben Property (Ben 1-6 Claims), Assessment report on rock geochemical survey; ARIS 26870, dated June 8, 2002, 16 pp.

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Kahlert, B.H., 2008; Ben Claim, Assessment report on lithogeochemical sampling; ARIS 29876, dated March 31, 2008, 22 pp.

Massey, N.W.D, MacIntyre, D.G., Desjardins, P.J. and Cooney, R.T., 2005; Digital geology map of British Columbia; B.C. Ministry of Energy and Mines, Geological Survey Branch, Open File 2005-2.

Sayer, C., 1988; inset map of “Ben Main Showing, Detail Geology” in Plan A-1, *in* Fraser, 1988, ARIS 18,674.

21 Date and Signature Page

This report titled “Compilation and Review, Cortez Property, Cariboo Mining Division, B.C.” and dated March 3, 2011 provided to OHG Resources Inc was prepared and signed by the following author:

Dated at Horsefly, British Columbia
March 3, 2011

K. Vincent Campbell, Ph.D., P.Geo.
Geologist
ERSi Earth Resource Surveys Inc.

S/s “K.V. Campbell”

22 Certificate and Consent of Qualified Person

I, K. Vincent Campbell, Ph.D., P.Geo., do hereby certify that:

1. I am responsible for the preparation of the technical report titled Compilation and Review, Cortez Property, Cariboo Mining Division, B.C." and dated March 3, 2011 ".

2. I graduated with a degree of Bachelor of Science, Honours Geology, from the University of British Columbia in 1966, a degree of Master of Science, Geology, from the University of Washington in 1969 and a degree of Doctor of Philosophy, Geology, from the University of Washington in 1971.

3. I am a member of the Association of Professional Engineers and Geoscientists of B.C.

4. I have worked as a geologist for over 44 years since my graduation from university.

5. I have read the definition of "qualified person" set out in National Instrument 43-101 ("NI43-101") and hereby certify that by reason of my education, affiliation with a professional association (as defined by NI-43-101) and past relevant work experience, I fulfill the requirements to be a "qualified person" for the purposes of NI-43-101.

6. I undertook regional mapping in NTS map sheets 93A and 93B over the period 1963 to 1971 during summer field programs for the Geological Survey of Canada. From 1984 to the present date I have been involved in numerous geological investigations in the Cariboo region in which the Cortez property is located. I have visited the original Ben Claims of what is now the Cortez property in 1988 and 2005.

7. I am independent of OHG Resources Inc. applying all of the tests in Section 1.4 of NI 43-101.

8. As of the date of this certificate, to the best of my knowledge, information and belief, the technical report contains all scientific and technical information that is required to be disclosed to make the technical report not misleading.

Dated this 3rd day of March, 2011.

S/s "K.V. Campbell"

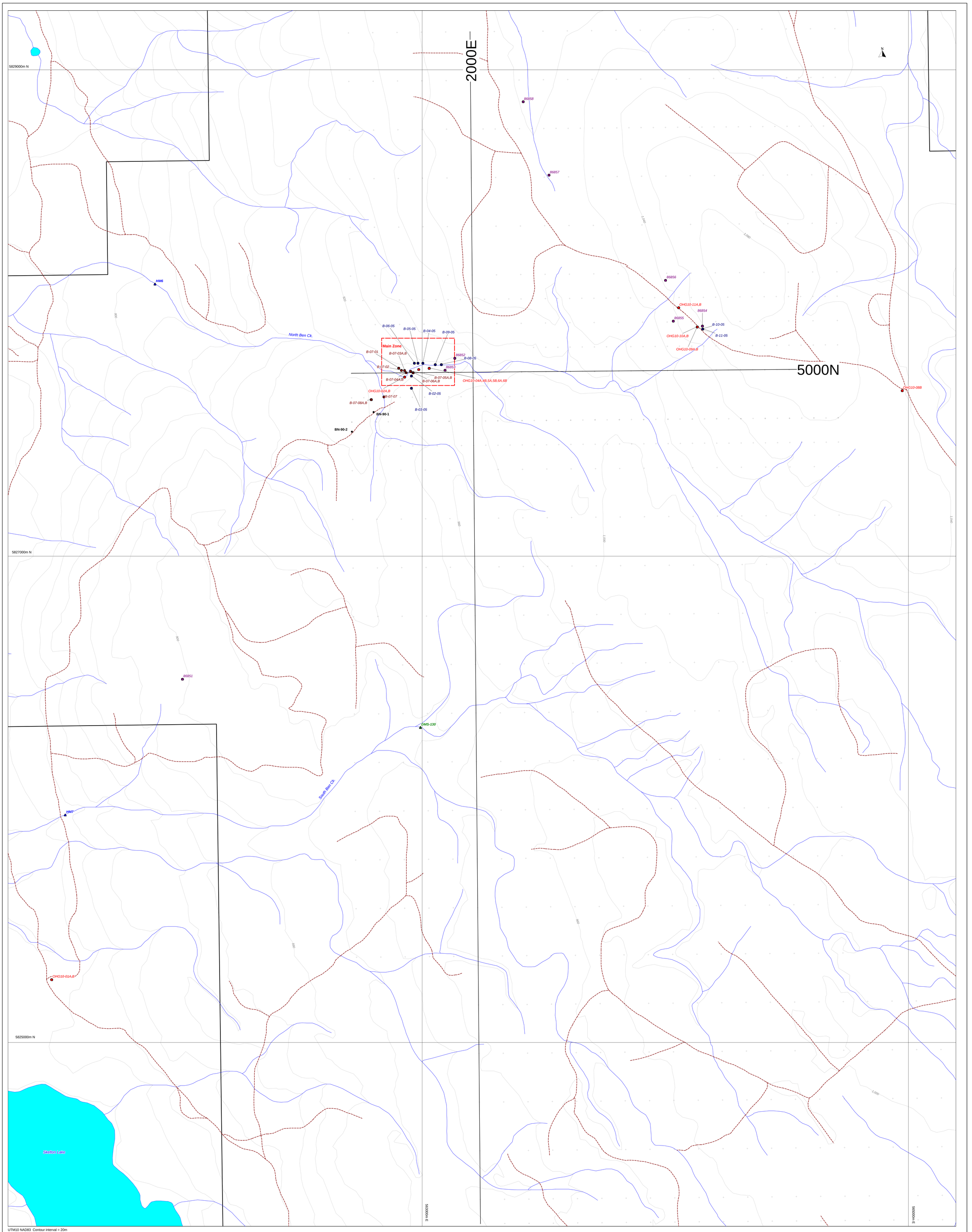
_____
Signature of Qualified Person

K. Vincent Campbell
_____
Name of Qualified Person

Statement of Expenditures: Cortez Property

Claim #	833498	833753
	833747	833754
	833748	833756
	833750	833759

Airfare	3@$475	$ 1,425.00
Car Rental	2days @$85/day	$ 163.00
Motel		$ 330.00
Meals	3 persons 2 days	$ 280.00
Taxi		$ 90.00
Assays	25 @ $42	$ 1,050.00
Consulting	G. Read Consulting 16 days @ $500/day (Days worked: Oct 10-13, 29-31, Nov 1, 10-13, 29-30, Dec 1-2)	$ 8,000.00
Report Preparation ERSI Consultants		$ 8,212.50
	Total Project Expenditures	$19,550.50
	Total Work Applied	**$13,120.97**



UTM10 NAD83 Contour interval = 20m

Sample Locations

- OHG10-01 — rock (OHG, 2010)
- B-07-01 — rock (Kahlert, 2008)
- B-05-05 — rock (Kahlert, 2005)
- 86858 — rock (Kahlert, 2002)
- soil (Circle Resources, 1987)
- DMS-130 — conventional silt (Circle Resources, 1987)
- HM7 — heavy mineral silt (Circle Resources, 1987)

100 0 100 200 300
Meters

Scale: 1:5,000

OHG Resources Inc.

Cariboo Mining Division, B.C.

Cortez Property

Sample Locations

DWG: 536-13	Scale: 1:5000	Feb. 2011	**Figure: 8**

Earth Resource Surveys Inc. ERSi

APPENDIX I

PETROGRAPHIC REPORT
AND X-Ray DIFFRACTION ANALYSIS
Campbell, 1988
(in Kahlert, 1987, ARIS 17481)

PETROGRAPHIC DESCRIPTIONS

Ben Claims

B-1 Quartz-Magnesite Breccia

Rusty weathering, pale green, tan and gray, very fine grained, silicified quartz-magnesite microbreccia cut by quartz-magnesite stringers. Matrix of fine to coarse magnesite, dolomite, sericite, quartz, opaques and pale green chromium mica.

B-2 Brecciated, Partly Silicified Magnesite

Rusty weathering, brecciated, pale green, tan and gray, partly silicified magnesite with pale green chromium mica. Magnesitization proceeds out from fractures. Original groundmass was silicified before introduction of carbonate. The texture of coarse, radiating prisms and sheaths of magnesite dominant over very fine grained quartz groundmass suggests magnetization is younger event.

B-3 Silicified Mylonite

Dark gray streaked with white, finely laminated and foliated mylonite. Groundmass of neutral colored, clouded phyllosilicates, fine magnesite and dolomite. Stringers of white quartz and magnesite both parallel and crosscut foliation.

B-4 Silicified Mylonite

Dark gray, finely laminated and foliated mylonite with green chromium stain. Groundmass of magnesite and cryptocrystalline quartz includes possible shreds of fine serpentine (antigorite?) or clinochlore. Similar to B-3.

B-5 Carbonatized Serpentinite (?)

Light gray, chromium strained, silicious, pyritic dolomite with lesser magnesite. Fine fractures filled with banded, cryptocrystalline magnesite. Hairline fractures filled with green chlorite and opaques.

B-6 Brecciated Andesite

Tan and rusty brown brecciated andesite cut by quartz-carbonate stringers. Groundmass is very dark, filled with fine opaques (Fe-oxides) which also fill fine crosscutting network of fractures. At least two stages of stringers. One 3 mm stringer of magnesite and subordinate fine quartz is cut by hairline fracture filled with magnesite.

B-7 Andesite

Dark greenish gray, fine grained andesite, oxidized, chloritized, cut by carbonate stringers. Groundmass of fine grained, brown hornblende, feldspar and chlorite.

B-8 Silicified Andesite

Dark gray, silicified, fine grained andesite, with clots of chlorite. Most unusual is presence of coarse, acicular prisms of colorless tremolite (?) that crosscut rock and are clearly a late development. These could be product of magnesium metasomatism related to nearby intrusive activity or to contact metamorphic effect. Groundmass of plagioclase, pale hornblende and chlorite.

B-9 Siltstone Microbreccia

Rusty weathering, black, brecciated, silicified siltstone with abundant disrupted laminations and stringers of fine grained, white quartz. This assemblage is crosscut by numerous, very thin stringers of chlorite, quartz and carbonate. Clearly, these are open space fillings indicative of near surface environment.

B-10 Silicified Magnesite Microbreccia

Gray, silicified groundmass of finely granular magnesite crosscut by cryptocrystalline quartz stringers and coarse magnesite stringers. Possible minor dolomite is present. Chromium green patches throughout. Latest fine gashes and fractures are filled with cryptocrystalline quartz. Tiny vugs in handspecimen lined with fine quartz crystals.

B-11 Hornblende Diorite (?)

Rusty weathering, fine to medium grained brown hornblende set in pale greenish aphanitic altered feldspar and hornblende matrix.

B-12 Quartz Breccia

Coarse, angular, white vein quartz fragments set in a dark gray, fine grained matrix. Crosscut by by numerous clay(?) and iron oxide filled hairline fractures. Quartz fragments have sutured grain boundaries and undulatory extinction indicative of high strain and lack of post-tectonic recrystallization. Matrix of carbonate, cryptocrystalline quartz, and minor sericite. Carbonate displays coarse crystalline habit dominant over groundmass. Carbonate also localized in patches and in stringers.

39103 Thin Bedded Limestone (Marble)

Gray, fine grained, thinly laminated limestone with very fine grained, light and dark gray siltstone layer. Groundmass of brownish, clouded calcite with partial recrystallization. Along margin of siltstone (siltite) and limestone is lamination of neutral colored amphibole (no discernable cleavage, 1st order birefringence) and minor clinozoisite (?). This is a low-grade metamorphic calc-silicate assemblage. This same lamination is crosscut by fine gashes of antigorite (?) (colorless, isotropic, low positive relief).

COMPANY: BEMA INDUSTRIES
PROJECT NO: CIRCLE 87-24
ATTENTION: B.KEHLERT

MIN-EN LABS ICP REPORT
705 WEST 15TH ST.. NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

(ACT:F26) PAGE 1 OF 1
FILE NO: 8-030/P1
* TYPE ROCK GEOCHEM * DATE:JAN 26, 1988

(%)	B-1	B-2	B-3	B-5	B-10
AL2O3	1.13	.41	5.33	1.80	.63
BA	.018	.009	.042	.016	.006
BE	.001	.001	.001	.001	.001
CAO	5.36	.38	9.39	12.77	1.34
CO	.005	.005	.005	.005	.005
CR2O3	.54	.26	.19	.56	.70
CU	.010	.005	.005	.032	.005
FE2O3	7.31	5.27	8.27	7.04	8.37
K2O	.15	.04	.76	.32	.05
MGO	23.24	23.27	12.99	22.73	27.14
MNO2	.15	.07	.23	.18	.12
MO	.005	.005	.005	.005	.005
NA2O	.04	.01	.04	.03	.01
NB	.01	.01	.01	.01	.01
NI	.077	.085	.037	.057	.181
P2O5	.11	.13	.13	.12	.18
PB	.011	.010	.009	.005	.005
RB	.07	.01	.01	.01	.02
SIO2	38.10	47.80	40.93	26.37	36.26
SN	.005	.008	.005	.005	.005
SR	.02	.01	.02	.06	.01
TIO2	.04	.01	.38	.09	.02
V	.005	.005	.005	.005	.005
W	.005	.005	.005	.005	.005
ZN	.005	.005	.005	.005	.006
ZR	.005	.005	.005	.005	.005

Cominco Ltd./Exploration Research Laboratory/1486 East Pender Street
Vancouver, B.C./Canada V5L 1V8/Tel. (604) 254-0931/Telex 04-507730

GES-3032

Exploration
Research Laboratory

K.V. Campbell and Associates
#8 - 84 Lonsdale
North Vancouver, B.C.
V7M 2E6

15 January 1988

Dear Sir:

Five samples were submitted for x-ray diffraction study with particlar reference to carbonate types. Each sample was milled, mounted and then x-rayed between 20 and 40+ $^{o}2\theta$. The interpretation of the x-ray diffractograms are presented herein:

Sample B1 contains abundant quartz lesser magnesite and moderate but significant dolomite.

Sample B2 contains abundant quartz and magnesite.

Sample B3 contains abundant quartz and lesser amounts of magnesite and dolomite.

Sample B5 contains abundant quartz and dolomite with lesser magnesite.

Sample B10 consists of quartz plus magnesite. Possible minor dolomite is present.

I am enclosing the x-ray traces for your records.

Yours truly.

J.A. McLeod.
Supervisor, E.R.L.

JAM/skw
Encl.

APPENDIX II

PETROGRAPHIC REPORT

Campbell, 1999

(in Kahlert, 1999 ARIS 25914)

PETROGRAPHIC REPORT

Project: 99-328 **Date: March 1, 1999** **Property: Ben Claims, CMD** **Sample: NB-1**
Notes:

ROCK NAME: SILICIFIED, BRECCIATED CARBONATE

HAND SPECIMEN DESCRIPTION:

Dark gray to black siliceous dolomitic fragments pervaded by mottled white to grey vein quartz. Weathered surface is heavily coated with iron oxides and displays pronounced differential weathering with fine network of resistive quartz lace. There is a hint that the original host rock may have been more carbonate-rich than is evident now.

The quartz has at least three habits;

1) pale gray, diffuse crytpocrystalline quartz in matrix, incorporates small dark gray to black dolomitic fragments.

2) finely crytalline quartz stringers, <1/5 mm thickness, criss crossing the dark host rock.

3) irregular masses in excess of 1cm thick of white, fairly homogenous, coarsely crystalline vein quartz. Contacts are very diffuse and grade into host rock. The pattern of this quartz suggests that it may have been more continuous and vein-like prior to brecciation.

THIN SECTION DESCRIPTION:

The dark silicified dolomitic rock is composed of fine grained carbonate set in a matrix of cryptocrystaline quartz (variety 1 above).

The host rock is criss-crossed with two sets of stringers. The oldest and most abundant are of finely crystalline quartz. These are in turn cut by fine quartz-carbonate stringers showing no obvious preferred orientation. The patches of dark material are from 50 to 75% and higher replaced by these quartz and quartz-carbonate stringers.

The coarse grained quartz segregations clearly postdate both the fine quartz and quartz-carbonate stringers. Not apparent in the hand specimen but clearly evident in the thin section is a significant amount of medium grained, neutral to clouded phyllosilicate (muscovite ?) and fine grained aggregates or concentrations of carbonate (dolomite ?).

The rock is intensely brecciated on both macro- and microscopic scales. The coarse crystalline quartz shows undulatory extinction indicative of stress without subsequent annealing.

Mode of breccia: quartz - 80%, carbonate - 15%, opaques - 5%

COMMENTS:

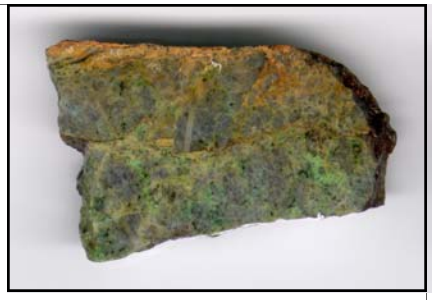
The original carbonate host rock could represent a member of the Cache Creek Group or possibly even a Lower Paleozoic unit. The rock could also be a serpentinite that has been carbonatized and subsequently silicified although given the lack of chromium micas this is less likely.

PETROGRAPHIC REPORT

Project: 99-328 **Date: March 1, 1999** **Property: Ben Claims, CMD** **Sample: NB-2**
Notes:

ROCK NAME: SILICIFIED CARBONATE

HAND SPECIMEN DESCRIPTION:



Rusty weathering, light gray, fine to medium grained crystalline ferruginous carbonate (sideritic dolomite ?) with green stains. Includes 5% opaques (magnetite) and about 5% disseminated pyrite grains <1/2mm in diameter.

There are clouded gray quartz stringers 1-2mm thick cutting the host.

The green spots and patches are considered to be chromium-rich micas.

THIN SECTION DESCRIPTION:

The matrix of this rock is coarsely crystalline, inequigranular, anhedral and ragged, brownish carbonate that is partly and locally replaced by cryptocrystalline silica. The rock is made up of 75-90% carbonate. There are some textural variations (grain size and amount of veining) that suggest the rock is composed of fragments tectonized and silicified to varying degrees.

The rock has been brecciated and tectonized with crush zones up to several mm thick crossing the rock.

There are quartz and carbonate stringers and open space fillings of silica and sulphides. The thin quartz stringers display a fine laminar structure parallel to their walls. They are clearly relatively younger than the host carbonate although they have been broken and offset at the microscopic scale by cross fractures. The carbonate stringers are spatially related to the tectonized zones crossing the breccia.

There is a cryptocrystalline variety of quartz lining the insides of microscopic openings and possibly represents a generation of chalcedonic quartz. It is distributed along an intersecting network of fractures. It is not clear which is younger, the chalcedonic quartz or the fine network of thin quartz stringers.

Mode: carbonate - 90%, quartz - 6%, opaques - 4%

COMMENTS:

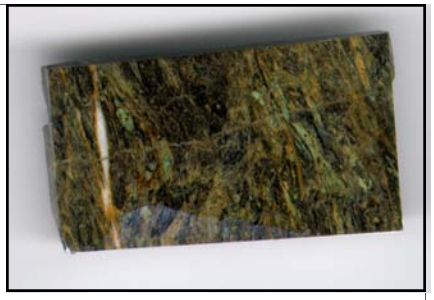
The rock could have originally been a serpentinite that has been carbonatized and subsequently silicified.

PETROGRAPHIC REPORT

Project: 99-328 **Date: March 1, 1999** **Property: Ben Claims, CMD** **Sample: NB-3**
Notes:

ROCK NAME: CATACLASIZED, SILICIFIED CARBONATE

HAND SPECIMEN DESCRIPTION:



Dark gray, finely laminated siliceous, dolomitic carbonate streaked with whitish quartz laminations and wisps. There are numerous chromium-green colored knots, segregations and shredded laminations.

The rock has been highly tectonized. In the figure on the right a white carbonate (?) lamination or stringer parallel to the penetrative fabric can be seen. There is also a thinner stringer (<1/2mm in thickness) crossing the white stringer at right angles, clearly younger than the cataclasitc episode.

THIN SECTION DESCRIPTION:

This rock is fine to medium grained brownish carbonate set in a matrix of very fine almost cryptocrystalline quartz and fine grained mica. The brownish, almost opaque, carbonate makes up 60-75% of the rock. The grains are lenticular, stretch in the foliation. The groundmass is cryptocrystalline silica.

There is a finely laminated fabric, largely recrystallized through metamorphism from whatever the original fabric was. The original rock was possibly microfolded. There is a well developed cleavage subparallel to the composition laminations and along which there has been some metamorphic differentiation of the carbonate.

There are two generations of carbonate veining;

1) thin stringers of sideritic dolomite (?) lying parallel to the penetrative fabric

2) very thin hairline stringers of carbonate crossing the deformational fabric at a high angle, clearly post cataclasis.

The original metamorphic rock has been tectonized as evidenced by the attenuation and disruption of the laminations. This tectonism was largely subparallel to the original fabric. The rock is a cataclasite and developed in a zone of extreme shearing.

Mode: carbonate - 65%, quartz - 25%, green chromium micas -5%, opaques - 5%

COMMENTS:

Of all the samples in the suite examined this has a relict fabric most indicative of an earlier metamorphic event. The rock could have been a serpentinite that has been carbonatized and subsequently silicified.

PETROGRAPHIC REPORT

Project: 99-328 **Date: March 1, 1999** **Property: Ben Claims, CMD** **Sample: NB-6**
Notes:

ROCK NAME: QUARTZ VEINED GRANODIORITE BRECCIA

HAND SPECIMEN DESCRIPTION:

Fine to coarsely crystalline quartz enclosing light gray, fine grained, micaceous, tabular fragments of granodiorite. The granodiorite fragments are up to 1 and 2cm thick and several cm long and exhibit an internal foliation. They have been altered by silicification (?) and sericitization.

The vein quartz is white to clear, vitreous and forms crystals to 1 and 2cm in length lining and projecting into open space fillings.

The rock is weathered and has a strong hematitic red dusting.

THIN SECTION DESCRIPTION:

This rock sample contains the only intrusive rock recognized in the suite of samples. The granodioritic rock is composed of finely crystalline quartz and saussuritized feldspar(s?). It has a moderately developed foliation defined by streaks of opaques and lamellae of phyllosilicates which includes abundant pale clinochlore. The groundmass is of cryptocrystalline silica and indicates the rock has been silicified. The alteration, which is so developed it should really be termed a replacement, is not even throughout the thin section. There are patches almost entirely of fine sericite and others where clinochlore predominates.

In the field this rock has been mapped as a volcanic. The thin section shows there are a few sub-angular to angular, clear quartz grains in the matrix. These do not appear to have been quartz phenocrysts. There are a number of larger grains with a clouded center and clearer, less inclusion-rich rims, that are thought to have been feldspar. This, by itself is neither indicative of an intrusive or extrusive origin. Given the internal foliation and micaceous nature the rock is considered to have been a granodiorite.

The quartz is different from that in samples NB-1, 2 and 3 in that it is clear and coarsely crystalline. The granodiorite fragments have been rotated in that their internal foliation (representing an earlier igneous or metamorphic stage) is not aligned with that of adjacent fragments.

Mode of angular fragments: quartz - 30%, white mica - 25%, opaques - 5%, chlorite - 5%, feldspar - 35%

COMMENTS:

This sample indicates there must be a granodioritic pluton underlying the local area. The episode of quartz veining clearly postdates consolidation of the granodiorite.

PETROGRAPHIC REPORT

Project: 99-328 **Date: March 1, 1999** **Property: Ben Claims, CMD** **Sample: NB-8**
Notes:

ROCK NAME: QUARTZITE

HAND SPECIMEN DESCRIPTION:

The rock is a true metamorphic quartzite composed of clear, finely grained, crystalline quartz with a vitreous lustre and red hematitic straining. The rock weathers grey and has a dusting of hematite. The quartzite has a poorly developed parting and what may be an original bedding defined by minor color variations.

The sample includes a white quartz vein at least 3cm thick of white cryptocrystalline material. This vein quartz has further silicified the quartzite, obliterating grain boundaries and any evidence of original stratification.

THIN SECTION DESCRIPTION:

The quartzite is of subequigranular, subangular to angular, anhedral, fine grained quartz lacking signs of stress or tectonism. There is no internal fabric and few impurities. The quartzite is about 95% quartz with the remainder made up of fine sericite rimming the quartz grains. Minor amounts of reddish brown biotite also occur.

The white quartz vein is finer grained than the quartzite. It includes about 3-5% of finely divided phyllosilicate and has a poorly developed lamination parallel to its gradational contact with the quartzite.

Mode: quartz - 94%, phyllosilicates - 5%, opaques -1%

COMMENT:

The purity and habit of the quartzite suggests that it may be one of the Cambrian or older units, representing a slice of the basement rocks. Such occurrences are found to the northeast along strands of the Fraser Fault system.

PETROGRAPHIC REPORT

Project: 99-328 **Date: March 1, 1999** **Property: Ben Claims, CMD** **Sample: NB-9**
Notes:

ROCK NAME: BRECCIATED , MICACEOUS QUARTZITE

HAND SPECIMEN DESCRIPTION:

Brownish gray weathering, pale flesh to brownish gray, inequigranular fine grained quartz. The weathered surface exhibits differential or solutional weathering. The rock is brecciated with white to clear quartz stringers 3-5mm thick cutting the breccia. The rock is hard and siliceous.

There are a few vugs in the quartz stringers and these have euhedral pyrite cubes <1mm diameter.

There is an accessory white mica throughout the quartzite.

THIN SECTION DESCRIPTION:

The host rock is a laminated fine grained micaceous quartzite, which still retains is clastic nature. The foliation is defined by streaks of opaques and concentrations of white mica. The phyllosilicate occurs in two habits; anhedral ragged intergranular and subhedral laths shows little preferred orientation.

There are at least two generations of quartz veining;

1) thin, fine grained quartz stringers with grains slightly larger than the clastic grains in the groundmass and which are subparallel to the compositional layering.

2) thicker, coarse grained stringers and veinlets which cut the thin stringers.

Mode: quartz - 70%, phyllosilicate - 25%, opaques - 5%

COMMENTS:

The rock probably represents a sericitized quartzite, possibly a variant of the Lower Cambrian quartzite represented by NB-8.

PETROGRAPHIC REPORT

Project: 99-328 **Date: March 1, 1999** **Property: Ben Claims, CMD** **Sample: NB-10**
Notes:

ROCK NAME: SILICIFIED DOLOMITE

HAND SPECIMEN DESCRIPTION:

Rusty weathering silicified dolomite , pale gray streaked with white.

There are at least two varieties of later quartz;

1) white quartz stringers only a few mm thick but slightly thicker (3 to 4mm) than variety 2 below. Their contacts are not well defined and they probably developed from silica solutions moving along relatively young fractures.

2) thin, gray colored very finely crystalline quartz stringers only a few mm in thickness with internal cavities and banded structure. Some have fillings of very fine pyrite (?). These cross cut the more diffuse thicker quartz stringers.

THIN SECTION DESCRIPTION:

The host rock is a silicified ferruginous dolomite. The carbonate is medium to coarse grained, the finer grained material is set in a matrix of cryptocrystalline silica. The host rock is fairly altered and includes at least 10% of opaques, in large part considered to be iron oxides.

The thin stringers with the open spaces show a well developed cockscomb structure with a very fine almost radiating habit. These youngest quartz filled structures have been offset by a network of fractures, some of which are filled with opaques and what in one case may be reddish brown biotite and pale amphibole.

Mode: carbonate - 80%, quartz -15%, opaques -5%, trace biotite, amphibole

COMMENT:

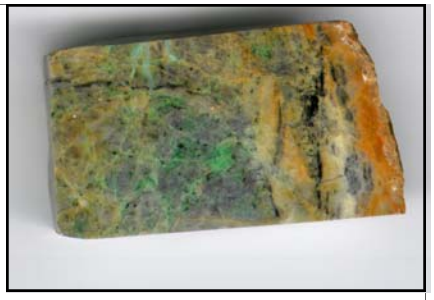
The rock probably represents one of the carbonate units in the Cache Creek Group.

PETROGRAPHIC REPORT

Project: 99-328 **Date: March 1, 1999** **Property: Ben Claims, CMD** **Sample: NB-11**
Notes:

ROCK NAME: SILICIFIED CARBONATE

HAND SPECIMEN DESCRIPTION:



Pinkish gray weathering, dark to light gray, medium grained silicified, ferruginous dolomite with chromium-green colored spots and segregations.

Opaques include a few % of disseminated pyrite.

The rock is highly brecciated and criss-crossed with pale siliceous stringers.

THIN SECTION DESCRIPTION:

The rock is very similar to NB-2, composed of fine to coarse grained, neutral colored and clouded, anhedral and ragged, crystalline carbonate in large part replaced by cryptocrystalline silica. Carbonate makes up in excess of 90% of the coarser grained fraction of the rock. The rock exhibits a crude layering defined by varying grain size, fractures and quartz stringers. It is highly brecciated with thin crush zones made up of finer grained carbonate. In some places the carbonate is finely banded, suggesting the original rock had a laminar structure.

The rock is cut by carbonate stringers, fine quartz-carbonate stringers and fine cryptocrystalline quartz stringers. The carbonate stringers are considered the oldest and the chalcedonic quartz stringers the youngest. These exhibit open space fillings and a fine radiating structure out from their walls. They have been offset by fractures. The pale green micaceous mineral (chromium mica?) is spatially related to the younger open space fillings, forming selvages on the chalcedonic quartz stringers.

Mode: carbonate - 70%, quartz - 15-20%, opaques -3%, chromium mica 5%

COMMENTS:

Similar to sample NB-2, this rock could have originally been a serpentinite that has been carbonatized and subsequently silicified.

APPENDIX III

PETROGRAPHIC REPORT

Campbell, 2005

(in Kahlert, 2005 ARIS 27812)

Petrographic Description, BEN Claims, Cariboo Mining Division, B.C.

Sample	Handspecimen	Thin Section	Rock Name
B-02-05	medium greenish grey aphanitic groundmass with fine white feldspar (?) segregations to 5mm diameter, criss-crossed with fine, narrow stringers 1-2mm width of quartz (?). Groundmass also includes dark green, irregular shaped segregations of chlorite to a few mm diameter.	highly altered andesite with pyroxene phenocrysts and fine feldspar grains set in a fine grained groundmass of quartz, chlorite and carbonate crosscut by stringers of chlorite with abundant iron oxides and carbonate.	silicified, chlorite and carbonate altered andesite
B-03-05	reddish brown weathering, greenish brown aphanitic with white feldspar (?) and dark green chlorite segregations to 2mm diameter. Groundmass is silicified.	highly altered andesite, similar to B-2 but with more abundant, coarser grained chlorite and -~1O% clear, anhedral fine grained quartz. Abundant zoned plagioclase phenocrysts. The quartz is later than the altered volcanic groundmass	silicified, chlorite-altered andesite
B-04-05	orange red weathering, light grey with emerald green flecks, aphanitic, silicified groundmass which is finely brecciated	~10-15% fine magnetite. Highly brecciated and fractured groundmass of primarily magnesite (>75%) with minor quartz. What the original rock was is difficult to say, as now it is just a jumble of fragmented, brecciated magnesite and fine grained silica.	silicified, brecciated volcanic (?).
B-05-05	orange red weathering, silicified, oxidized, brecciated aphanitic groundmass, cut by stringers of orange-white feldspar (?).	highly altered, almost opaque fragmented groundmass of andesite (?)cut by veinlets of calcite, magnesite and	silicified, brecciated andesite
B-06-05	mottled dark grey weathering, fine laminated reddish brown to dark grey mylonitic breccia with segregations of orange-white feldspar (?) set in black to dark grey aphanitic groundmass.	strongly foliated (tectonized), finely laminated groundmass with two generalized components; clear chlorite-quartz-carbonate and dark reddish-brown, almost opaque iron oxides, carbonate and very fine grained phyllosilicates.	fault zone mylonitized breccia
B-07-05	rusty grey weathering, thinly layered, white to grey silicified groundmass cut by set of cream (pale yellow) stringers of later silica +1- feldspar (?). The silicified, layered groundmass appears brecciated, it's layering the result of tectonism.	very fine grained, brecciated, laminated chert (?) of very fine grained quartz cross-cut by at least two generations of quartz stringers; on nearly perpendicular to bedding laminations the other at a high angle to laminations. Also cross-cut by quartz-carbonate veinlets to 3 and 4mm width.	silicified. brecciated chert
B-08-05	rusty weathering, light grey, cryptocrystalline silica with very fine silica lining vugs, crosscut by vuggy, white quartz stringer.	groundmass of very fine grained to cryptocrystalline quartz with no readily discernable fabric. Crosscut by numerous fine quartz stringers with no apparent preferred orientation.	silicified chert (?) breccia
B-09-05	olive green weathering, chloritized, partly silicified brecciated volcanic with contorted laminations to 5mm thickness of dark chlorite (?) and argillaceous material. Crosscut by 1cm feldspar and quartz veinlet.	highly carbonatized, iron oxidized, and clay altered andesitic (?) groundmass with crosscutting stringers of plagioclase with minor quartz.	silicified, altered volcanic

Sample	Handspecimen	Thin Section	Rock Name
B-10-05	orange brown weathering, orange brown, brecciated, aphanitic groundmass with irregular shaped, light grey silica concentrations to 5mm diameter and abundant bright emerald green blebs and stringers. Crosscut by a set of orange brown weathering stringers (feldspar, quartz ?) to 1mm thickness. Includes a 1cm thick crosscutting quartz stringer with a slickensided surface.	quartz -magnesite rock with groundmass of very fine grained quartz pervaded by medium to coarse grained magnesite and opaques. Carbonate-rich portion includes green phyllosilicate. Crosscut by stringers of coarse grained carbonate. 10B has much more magnesite than 10A and the green phyllosilicate is better developed, with concentrations of the latter around and proximal to a dark reddish-brown opaque mineral (hematite?). The green phyllosilicates (fuschite, Cr-muscovite) mineral appears to have been introduced during the magnesium metasomatism event	magnesite-quartz rock

Summary:

The rock suite from this area includes:

- andesite, brecciated andesite, silicified andesite

- quartz-magnesite breccia, brecciated silicified magnesite

The suite provides ample evidence for extreme deformation, magnesium metasomatism (both in groundmass and in stringers) and widespread silicification.

K.V. Campbell, Ph.D., P.Geo.
ERSi Earth Resource Surveys Inc.
Tel: (250) 620-3341 Fax: (250) 620-3371
Email: ersi@xplornet.com

Sample	Ag	Al	As	Au	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo
	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm
B-02-05	<0.2	2.45	<5	7	332	<0.5	<5	2.08	<1	23	102	24	4.30	0.03	1.62	672	<2
B-03-05	<0.2	2.21	<5	5	154	<0.5	<5	1.39	<1	17	69	23	4.59	0.08	1.31	706	<2
B-04-05	<0.2	0.06	652	55	251	<0.5	<5	4.83	<1	51	312	35	4.52	0.03	>15.00	768	<2
B-05-05	<0.2	0.03	981	127	57	<0.5	<5	1.39	<1	77	549	45	4.77	0.02	>15.00	729	<2
B-06-05	<0.2	0.44	234	10	161	<0.5	<5	4.88	<1	52	281	51	5.87	0.11	6.66	1065	<2
B-07A-05	<0.2	0.20	23	46	390	<0.5	<5	9.19	<1	7	85	28	3.48	0.09	4.12	753	<2
B-07B-05	<0.2	0.49	91	60	186	<0.5	<5	4.71	<1	30	60	86	7.21	0.19	2.55	1251	<2
B-08-05	<0.2	0.05	<5	2	25	<0.5	<5	0.05	<1	2	140	7	0.28	0.02	0.03	43	<2
B-09-05	<0.2	4.96	<5	2	419	<0.5	<5	4.47	<1	52	222	57	5.08	0.17	5.35	1095	<2
B<10-05	<0.2	0.48	132	4	81	<0.5	<5	3.83	<1	50	402	26	4.41	0.06	11.67	905	<2
B<11-05	<0.2	0.09	<5	6	58	<0.5	<5	0.28	<1	101	342	4	5.47	0.01	11.05	478	<2

Sample	Na	Ni	P	Pb	Sb	Sc	Sn	Sr	Ti	V	W	Y	Zn	Zr
	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
B-02-05	0.1	32	494	<2	6	10	<10	25	0.2	147	<10	15	63	6
B-03-05	0.1	14	602	<2	<5	9	<10	8	0.2	117	<10	12	72	4
B-04-05	0	685	71	<2	70	6	<10	357	<0.01	24	<10	<1	11	19
B-05-05	0	1116	42	3	67	7	<10	109	<0.01	24	<10	<1	14	4
B-06-05	0	518	398	4	163	14	<10	168	<0.01	87	<10	8	69	6
B-07A-05	0	38	830	<2	21	5	<10	200	<0.01	28	<10	4	32	2
B-07B-05	0	100	835	<2	59	20	<10	133	<0.01	73	<10	10	91	5
B-08-05	<0.01	9	20	<2	<5	<1	<10	1	<0.01	3	<10	<1	5	1
B-09-05	0	144	75	<2	<5	25	<10	38	0	93	<10	3	46	5
B-10-05	<0.01	799	144	<2	17	9	<10	282	<0.01	54	<10	4	24	3
B-11-05	<0.01	776	38	3	8	6	<10	20	<0.01	20	<10	<1	16	3

APPENDIX IV

ANALYSES CERTIFICATES

Lab	Certificate	Date	Report (ARIS)	Detail
MIN-EN Labs Ltd.	7-1752	November 3, 1987	Kahlert, 1988 (17481)	heavy mineral
MIN-EN Labs Ltd.	7-1798S	November 11, 1987	Kahlert, 1988 (17481)	soil, silt
MIN-EN Labs Ltd.	8-030	January 26, 1988	Kahlert, 1988 (17481)	whole rock
Bondar Clegg & Co. Ltd.	V88-07818	September 27, 1988	Fraser, 1989 (18674)	rock
Bondar Clegg & Co. Ltd.	V88-07843	September 30, 1988	Fraser, 1989 (18674)	soil, rock
Bondar Clegg & Co. Ltd.	V88-07864	October 28, 1988	Fraser, 1989 (18674)	soil, rock
Bondar Clegg & Co. Ltd.	V88-08109	October 5, 1988	Fraser, 1989 (18674)	rock
Bondar Clegg & Co. Ltd.	V88-08629	October 14, 1988	Fraser, 1989 (18674)	rock
Bondar Clegg & Co. Ltd.	V90-02599	November 16, 1990	Graham, 1991 (21309)	core
Assayers Canada	1V0469 RJ	November 7, 2001	Kahlert, 2002 (26870)	rock
Assayers Canada	7V2190 RJ	November 1, 2007	Kahlert, 2008 (29875)	rock
ACME ANALYTICAL LABORATORIES LTD.	VAN10005966	November 2, 2010	Campbell, 2011	rock

MIN-EN Laboratories Ltd.
Specialists in Mineral Environments
Corner 15th Street and Bewicke
705 WEST 15TH STREET
NORTH VANCOUVER, B.C.
CANADA V7M 1T2

GOLD GEOCHEMICAL ANALYSIS BY MIN-EN LABORATORIES LTD.

Geochemical samples for Gold processed by Min-En Laboratories Ltd., at 705 W. 15th St., North Vancouver Laboratory employing the following procedures.

After drying the samples at 95°C soil and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed and pulverized by ceramic plated pulverizer.

A suitable sample weight 5.0 or 10.0 grams are pretreated with HNO_3 and $HClO_4$ mixture.

After pretreatments the samples are digested with Aqua Regia solution, and after digestion the samples are taken up with 25% HCl to suitable volume.

Further oxidation and treatment of at least 75% of the original sample solutions are made suitable for extraction of gold with Methyl Iso-Butyl Ketone.

With a set of suitable standard solution gold is analysed by Atomic Absorption instruments. The obtained detection limit is 0.005 ppm (5ppb).

COMPANY: BEMA INDUSTRIES
PROJECT NO: 87 24 H
ATTENTION: B.KAHLERT/B.FRASER

MIN-EN LABS ICP REPORT
705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

(ABL):PSJ) PAGE 1 OF 1
FILE NO: 7-1752
* TYPE HEAVY MINERAL * DATE:NOV 3, 1987

(PPM)	HM SMP-D M5 40M	HM SMP-D M6 40M	HM SMP-D M7 40M	HM SMP-D M5 80M	HM SMP-D M6 80M	HM SMP-D M7 80M
AG	.8	1.0	.9	.5	.6	.7
AL	16990	16550	21610	7190	7220	10320
AS	12	8	5	16	9	6
B	19	21	23	7	9	11
BA	5001	1468	714	1210	434	240
BE	1.4	1.7	1.4	1.3	1.4	1.2
BI	2	5	3	1	5	5
CA	14650	14430	19930	6270	8850	11020
CD	3.7	2.5	1.4	2.6	1.8	1.3
CO	12	10	10	10	8	8
CU	58	23	29	60	21	25
FE	42200	53850	41790	38340	41520	35620
K	260	270	220	220	170	150
LI	4	6	5	3	5	4
MG	15920	9540	11220	10250	8430	8190
MN	805	944	663	551	384	321
MO	1	2	1	4	1	1
NA	150	140	150	80	60	60
NI	60	34	34	55	34	29
P	310	440	360	470	860	610
PB	25	20	17	30	25	15
SB	1	3	3	3	5	2
SR	50	43	36	34	30	28
TH	1	1	1	1	1	1
U	12	6	8	2	4	5
V	76.5	116.9	107.2	53.9	101.4	93.0
ZN	92	70	56	109	68	51
GA	8	2	7	6	5	3
SN	2	1	1	1	1	1
W	2	1	2	1	1	1
CR	220	159	161	97	57	65
AU-PPB	5	10	5	1575	850	1100
HM%	7.39	7.91	9.23	7.64	11.36	13.07

Rec'd on 5/8-9

PROJECT NO: 87 24 H — 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 — FILE NO: 7-1798S/P13+14

ATTENTION: B.KAHLERT — (604)980-5814 OR (604)988-4524 — * TYPE SOIL GEOCHEM * — DATE:NOV 11, 1987

Rec Nov 6/87

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
500N 2000E	.3	7	10	10	1	76	5
500N 2100E	.3	9	8	7	2	70	5
500N 2200E	.7	11	14	12	3	102	5
500N 2300E	.8	12	13	12	3	112	5
500N 2400E	.8	4	19	9	3	79	10
500N 2500E	.8	10	16	8	3	98	5
500N 2600E	1.0	1	17	14	1	122	5
500N 2700E	.9	1	16	9	3	130	5
500N 2800E	.8	13	13	12	1	148	5
500N 2900E	.9	2	19	9	1	86	10
500N 3000E	.8	11	11	11	3	105	10
500N 3100E	.7	2	23	15	1	82	5
500N 3200E	.8	3	15	12	1	126	5
500N 3300E 40M	.9	18	35	11	3	119	5
500N 3500E	1.2	9	49	15	3	91	15
500N 3600E	.8	18	50	10	2	93	5
500N 3700E	1.0	8	37	9	5	88	5
500N 3800E	.9	9	53	20	5	85	5
500N 3900E	1.5	24	98	18	1	110	5
500N 4000E	.9	4	20	12	1	72	5
700N 2000E	.9	1	25	16	1	151	10
700N 2100E	.8	1	35	15	1	140	5
700N 2200E	.5	14	65	16	1	106	5
700N 2300E	.7	7	36	11	1	66	5
700N 2400E	.7	2	15	12	3	107	25
700N 2500E	.7	4	12	8	1	120	15
700N 2600E	.8	16	20	8	4	147	5
700N 2700E	1.0	3	30	15	5	139	5
700N 2800E	.9	1	19	10	1	91	5
700N 2900E	1.2	2	25	16	1	83	5
700N 3000E	.3	6	17	6	2	66	5
700N 3100E	.3	7	16	7	1	76	10
700N 3200E	.5	16	18	7	3	88	5
700N 3300E	.2	12	20	9	3	57	5
700N 3400E	.7	8	18	11	1	74	5
700N 3500E	.5	16	25	8	1	74	5
700N 3600E	.5	13	18	12	2	117	5
700N 3700E	.4	2	24	11	1	68	10
700N 3800E	.7	22	43	10	4	107	5
700N 3900E	.8	8	42	16	1	73	5
900N 2000E	.6	1	29	9	1	86	5
900N 2100E	.6	16	22	12	3	202	5
900N 2200E	.6	12	17	6	3	87	10
900N 2300E	.5	1	17	6	3	89	10
900N 2400E	.4	1	17	6	1	62	5
900N 2500E	.6	11	19	3	3	225	10
900N 2600E	.5	14	31	11	4	94	5
900N 2700E	.5	15	24	11	1	179	5
900N 2800E	1.0	20	37	9	1	132	5
900N 2900E 40M	.9	3	49	8	2	84	5
900N 3000E	.6	1	27	13	1	84	5
900N 3100E	1.1	2	22	7	4	151	10
900N 3200E	.7	7	25	11	2	61	5
900N 3300E	.8	9	17	7	4	175	5
900N 3400E	1.0	2	21	11	1	122	5
900N 3500E	.9	1	19	8	1	198	5
900N 3600E	1.1	2	26	15	1	87	5
900N 3700E	.9	16	21	2	1	101	5
900N 3800E	1.3	4	80	13	2	117	5
900N 3900E	1.0	2	47	14	1	105	10

PROJECT NO: 87 24 H — 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 — FILE NO: 7-1798S/P15+16

ATTENTION: B.KAHLERT — (604)980-5814 OR (604)988-4524 — * TYPE SOIL GEOCHEM * — DATE:NOV 11, 1987

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
900N 4000E	1.3	26	178 ←	17	6	148	5
1100N 2000E	.4	7	18	8	3	178	5
1100N 2100E	.5	3	14	6	1	80	5
1100N 2200E	2.1	14	310 ←	18	1	179	5
1100N 2300E	.6	1	20	5	3	95	5
1100N 2400E	.6	15	15	4	3	155	5
1100N 2500E	.4	8	41	11	4	104	5
1100N 2600E	.4	13	21	5	1	84	5
1100N 2700E	.7	14	19	12	3	73	20 ✗
1100N 2800E	.4	15	33	9	2	85	10
1100N 2900E	.8	1	17	6	1	110	5
1100N 3000E	1.1	2	103 —	13	3	115	10
1100N 3100E	.9	22 —	24	10	1	111	10
1100N 3200E	.9	1	18	11	1	150	5
1100N 3300E	.9	1	28	7	3	86	45 /
1100N 3400E	.5	12	19	3	3	183	20 ✗
1100N 3500E	.3	12	18	8	1	94	10
1100N 3600E	1.0	1	19	8	4	117	5
1100N 3700E 20M	.7	19	73	14	2	33	5
1100N 3800E 40M	1.0	7	47	17	1	111	10
1100N 3900E	.7	10	27	10	4	120	5
1100N 4000E	.5	1	17	7	3	103	5
1300N 2000E	.6	25 ✓	29	11	5	140	5
1300N 2100E	1.0	1	20	10	1	145	5
1300N 2200E	1.1	20 ✓	16	4	1	211	5
1300N 2300E	.7	4	19	8	2	118	10
1300N 2400E	.6	1	19	2	1	120	5
1300N 2500E	.9	2	15	7	1	106	5
1300N 2600E 40M	.9	10	43	12	1	90	5
1300N 2700E	.4	6	26	9	1	108	5
1300N 2800E	.4	7	15	10	2	53	5
1300N 2900E	.4	4	19	7	2	50	5
1300N 3000E	.5	1	14	9	1	116	5
1300N 3100E	.6	8	28	15	2	753	5
1300N 3200E	.8	2	22	12	1	192	5
1300N 3300E	.7	2	19	8	1	53	5
1300N 3400E	.4	7	22	8	3	121	5
1300N 3500E	.7	4	16	10	1	80	10
1300N 3600E	.7	6	21	7	1	113	5
1300N 3700E 20M	.7	13	18	8	1	94	5
1300N 3800E 20M	.5	13	41	8	2	16	5
1300N 3900E 20M	1.1	17	117 ←	11	1	23	5
1300N 4000E	1.3	1	82	14	1	135	10
1500N 2000E	.9	5	18	7	1	132	5
1500N 2100E	.9	2	16	10	2	65	5
1500N 2200E	.5	4	17	7	2	50	5
1500N 2300E	.4	1	13	3	1	62	5
1500N 2400E	.7	10	28	13	2	66	10
1500N 2500E	X 1.7	42	232 ←	17	1	137	5
1500N 2600E	1.1	3	23	6	2	79	5
1500N 2700E	.8	7	14	5	1	80	5
1500N 2800E	1.0	2	17	9	1	78	5
1500N 2900E	.8	4	16	9	1	73	5
1500N 3000E	.8	4	24	11	3	247	10
1500N 3100E	1.0	5	18	10	2	251	5
1500N 3200E	.7	8	15	9	2	120	5
1500N 3300E	.8	9	14	8	2	48	5
1500N 3400E	.5	10	17	8	3	100	5
1500N 3500E	.8	3	30	11	4	231	5
1500N 3600E	.8	11	29	15	3	117	5

PROJECT NO: 87 24 H — 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 — FILE NO: 7-1798S/P17+18

ATTENTION: B.KAHLERT — (604)980-5814 OR (604)988-4524 — * TYPE SOIL GEOCHEM * — DATE:NOV 11, 1987

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
1500N 3700E 20M	.3	9	14	13	1	28	5
1500N 3800E 20M	.3	19	15	16	1	42	5
1500N 3900E 20M	.3	9	36	14	1	21	5
1500N 4000E	1.1	7	17	13	4	232	5
3000N 1500E	.5	14	21	10	3	136	5
3000N 1600E	.7	6	34	18	2	74	5
3000N 1700E	.5	6	37	17	2	96	10
3000N 1800E	1.0	13	17	11	1	90	5
3000N 1900E	.6	1	18	10	3	92	5
3000N 2000E	1.0	7	26	10	1	106	5
3000N 2100E	.8	9	23	13	3	96	5
3000N 2200E	1.1	8	15	14	2	120	5
3000N 2300E	1.1	3	14	13	1	103	5
3000N 2400E	.9	10	25	14	4	111	5
3000N 2500E	1.0	8	17	17	1	121	5
3000N 2600E	.6	1	19	7	1	120	5
3000N 2700E	.8	18	16	15	1	260	10
3000N 2800E	.7	1	24	15	2	305	5
3000N 2900E	.7	6	17	10	2	188	5
3000N 3000E	.6	13	22	13	3	163	5
3000N 3100E 40M	1.7	17	55	33	4	142	5
3000N 3200E	.9	4	21	16	3	138	5
3000N 3300E	.9	11	23	19	3	135	5
3000N 3400E	.6	6	15	12	1	102	5
3000N 3500E	.7	5	21	12	2	129	5
3200N 1500E	.9	9	27	13	2	78	10
3200N 1600E	1.0	16	58	21	4	111	5
3200N 1700E	.8	3	22	15	2	113	5
3200N 1800E	.8	13	40	19	3	86	5
3200N 1900E	.9	13	27	14	4	107	5
3200N 2000E	.6	1	17	12	3	122	10
3200N 2100E	.7	4	38	13	4	94	5
3200N 2200E	.6	6	15	14	2	85	5
3200N 2300E	1.5	19	107	19	1	101	5
3200N 2400E	.6	3	16	10	2	94	5
3200N 2500E	.6	1	8	8	2	53	5
3200N 2600E	.6	4	19	14	2	93	5
3200N 2700E	.5	8	16	13	4	164	10
3200N 2800E	.6	13	10	10	3	165	5
3200N 2900E	.7	2	22	14	3	165	5
3200N 3000E	2.1	38	241	18	8	232	5
3200N 3100E	.5	5	23	11	5	143	5
3200N 3200E 20M	.9	17	90	14	3	12	5
3200N 3300E	.7	5	20	14	4	104	5
3200N 3400E	.8	6	20	17	4	138	10
3200N 3500E	1.1	1	35	16	2	130	5
3400N 1500E	.7	6	16	12	3	71	5
3400N 1600E	.7	3	16	11	1	87	15
3400N 1700E	.8	4	31	13	4	189	5
3400N 1800E	.5	12	16	8	2	116	5
3400N 1900E	.7	9	13	12	3	74	5
3400N 2000E	.8	8	24	12	3	132	10
3400N 2100E	.7	5	22	14	3	84	5
3400N 2200E	.5	6	12	9	3	119	5
3400N 2300E	.7	2	37	17	3	115	5
3400N 2400E	.9	5	28	13	4	136	5
3400N 2500E	.7	3	30	12	3	85	5
3400N 2600E	.7	5	18	10	4	163	5
3400N 2700E	.9	4	12	8	3	121	5
3400N 2800E	.9	13	9	14	5	81	5

Missing 16-29 N

PROJECT NO: 87 24 H — 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 — FILE NO: 7-1798S/P19+20

ATTENTION: B.KAHLERT — (604)980-5814 OR (604)988-4524 — * TYPE SOIL GEOCHEM * — DATE:NOV 11, 1987

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
3400N 2900E	.4	11	33	20	3	147	5
3400N 3000E	.3	3	21	14	3	150	5
3400N 3100E	.8	20	127	11	4	119	5
3400N 3200E	.9	7	46	16	2	147	5
3400N 3300E	.6	11	16	11	2	79	5
3400N 3400E	.7	2	19	12	4	135	5
3400N 3500E	.9	7	21	13	3	91	5
3600N 1500E	.5	3	15	10	2	65	10
3600N 1600E 20M	1.1	15	109	15	2	11	5
3600N 1700E	.6	13	16	11	2	95	5
3600N 1800E	.8	1	56	18	6	237	5
3600N 1900E	.7	5	28	14	7	291	300
3600N 2000E	.4	5	25	13	7	227	10
3600N 2100E	1.0	10	64	20	10	247	5
3600N 2200E 40M	1.1	8	30	21	3	136	5
3600N 2300E	.8	6	21	13	2	132	10
3600N 2400E	.6	2	21	11	4	165	5
3600N 2500E	.6	5	15	10	3	123	5
3600N 2600E	.9	9	27	14	4	156	15
3600N 2700E	1.3	7	50	22	5	173	20
3600N 2800E	.6	6	12	14	3	108	5
3600N 2900E	.6	12	28	11	6	103	5
3600N 3000E	.6	9	18	14	3	83	5
3600N 3100E	.4	6	18	11	2	72	10
3600N 3200E	1.9	4	137	18	5	319	5
3600N 3300E	.7	5	16	11	4	91	5
3600N 3400E	.7	9	18	10	4	76	5
3600N 3500E	.9	18	35	15	7	125	5
3800N 1500E	.6	3	10	12	3	72	5
3800N 1600E	.5	7	15	12	5	114	5
3800N 1700E	.7	7	20	7	2	130	10
3800N 1800E	.5	1	17	11	2	243	5
3800N 1900E	.8	8	14	7	1	35	5
3800N 2000E	.3	3	22	10	4	285	5
3800N 2100E	.5	3	13	6	2	105	5
3800N 2200E	.5	11	20	6	4	105	10
3800N 2300E	.5	6	19	6	4	131	15
3800N 2400E	.8	8	31	8	4	144	25
3800N 2500E	.6	5	14	6	4	145	10
3800N 2600E 40M	.7	21	18	11	1	19	5
3800N 2700E	.5	5	15	7	4	186	5
3800N 2800E	.5	5	10	8	2	54	20
3800N 2900E	.6	8	16	9	4	105	5
3800N 3000E	.6	14	23	10	5	125	5
3800N 3100E	.9	12	22	13	4	170	10
3800N 3200E	.9	12	17	10	5	109	5
3800N 3300E	.9	12	10	7	3	103	5
3800N 3400E	1.0	17	25	10	4	115	5
3800N 3500E	.8	13	20	7	5	104	5
4000N 1500E	.6	8	19	7	2	158	5
4000N 1600E	.6	9	13	7	4	138	5
4000N 1700E	.6	11	19	6	5	120	5
4000N 1800E 20M	.7	20	78	12	4	59	5
4000N 1900E	.4	10	32	9	9	263	10
4000N 2000E	.5	7	16	7	3	115	5
4000N 2100E	.6	14	16	6	5	85	5
4000N 2200E	.6	10	12	3	4	86	5
4000N 2300E	.7	8	11	4	4	146	5
4000N 2400E	.7	8	22	8	5	188	5
4000N 2500E	.4	11	10	4	3	149	5

COMPANY: BEMA INDUSTRIES
PROJECT NO: 87 24 H
ATTENTION: B.KAHLERT

MIN-EN LABS ICP REPORT
705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

(ACT:F31) PAGE 1 OF 1
FILE NO: 7-1798/P21+22
* TYPE SOIL GEOCHEM * DATE:NOV 11, 1987

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
4000N 2600E	.4	1	16	9	2	153	5
4000N 2700E	.4	6	34	13	4	125	15
4000N 2800E	.3	7	8	6	1	145	5
4000N 2900E	.3	2	21	9	3	145	5
4000N 3000E	.5	8	10	10	2	118	5
4000N 3100E	1.3	4	89	15	4	358	10
4000N 3200E	.6	8	16	14	3	112	5
4000N 3300E	.6	10	11	12	3	72	5
4000N 3400E	.6	9	15	14	3	90	5
4000N 3500E	.7	9	17	12	2	112	5
4200N 1500E	.3	3	42	10	6	195	10
4200N 1600E	.6	7	12	11	2	148	5
4200N 1700E	.5	4	15	9	3	228	5
4200N 1800E	.6	4	11	8	3	231	5
4200N 1900E	.4	5	13	12	3	93	5
4200N 2000E	.8	6	21	11	3	120	5
4200N 2100E	.7	10	12	13	3	107	5
4200N 2200E	.8	1	17	12	3	137	5
4200N 2300E	.5	5	14	10	3	163	5
4200N 2400E	.6	10	17	15	5	138	260
4200N 2500E	.7	15	29	13	4	111	5
4200N 2600E	.6	11	23	14	3	164	5
4200N 2700E	.7	11	14	10	4	110	5
4200N 2800E	.7	10	20	13	5	119	10
4200N 2900E	.9	3	30	13	4	253	5
4200N 3000E 40M	.6	20	19	15	2	46	5
4200N 3100E	.3	7	62	23	3	210	5
4200N 3200E	.7	12	15	9	6	187	5
4200N 3300E	.6	7	17	10	3	184	5
4200N 3400E	.8	13	20	14	4	126	5
4200N 3500E	.7	14	22	11	6	104	5
4400N 1500E	.5	3	12	9	2	146	10
4400N 1600E	.7	7	13	11	5	213	5
4400N 1700E	.8	14	32	12	6	135	5
4400N 1800E	.7	8	13	11	3	72	5
4400N 1900E	.8	7	12	13	4	113	5
4400N 2000E	.7	8	16	6	3	93	10
4400N 2100E	.9	9	10	12	3	127	5
4400N 2200E	.9	15	33	10	5	118	5
4400N 2300E	.7	18	32	14	6	118	5
4400N 2400E	.8	11	24	15	5	176	5
4400N 2500E	.8	10	17	10	4	133	5
4400N 2600E	.7	4	21	12	2	123	10
4400N 2700E	1.1	9	34	12	8	142	5
4400N 2800E	1.1	14	47	17	5	238	5
4400N 2900E	1.0	2	18	13	4	273	5
4400N 3000E	1.2	16	28	19	6	141	5
4400N 3100E	.7	12	11	8	3	103	10
4400N 3200E 40M	1.3	17	45	19	7	195	5
4400N 3300E	1.1	19	49	20	7	115	5
4400N 3400E	.9	10	18	11	3	89	5
4400N 3500E	1.0	15	30	19	5	111	5
4600N 1500E	1.0	8	21	10	4	165	5
4600N 1600E	.7	13	54	17	7	171	10
4600N 1700E	.9	7	22	9	4	129	5
4600N 1800E	.6	5	14	11	4	98	5
4600N 1900E	.5	6	14	9	3	126	5
4600N 2000E	.4	11	13	13	3	74	5
4600N 2100E	.7	11	34	16	4	139	5
4600N 2200E	.7	13	23	11	5	134	5

COMPANY: BEMA INDUSTRIES | MIN-EN LABS ICP REPORT | (ACT:F31) PAGE 1 OF 1

PROJECT NO: 87 24 H | 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE NO: 7-1798/P23+24

ATTENTION: B.KAHLERT | (604)980-5814 OR (604)988-4524 | * TYPE SOIL GEOCHEM * | DATE:NOV 11, 1987

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB	
4600N 2300E	.5	9	26	13	4	144	10	
4600N 2400E	.4	5	19	11	3	138	5	
4600N 2500E	.7	4	20	12	2	124	5	
4600N 2600E	.7	5	40	11	2	275	10	
4600N 2700E	.3	4	22	8	3	142	5	
4600N 2800E	.8	11	62	11	6	164	5	
4600N 2900E	.3	2	12	10	3	91	5	
4600N 3000E	.6	8	19	12	3	155	5	
4600N 3100E	.6	8	27	13	4	118	5	
4600N 3200E	1.1	14	41	16	6	136	10	
4600N 3300E	.8	9	29	13	5	97	5	
4600N 3400E	.9	12	19	12	3	80	5	
4600N 3500E 40M	1.2	18	29	19	5	85	5	
4800N 1500E	.4	14	44	13	11	185	5	
4800N 1600E	.6	11	46	15	6	124	10	
4800N 1700E	.5	14	16	9	3	95	5	
4800N 1800E	.6	9	13	10	3	99	650	X
4800N 1900E	.6	9	7	10	4	92	5	
4800N 2000E	.6	10	12	10	4	124	10	
4800N 2100E	.6	13	23	15	5	170	5	
4800N 2200E	.5	8	21	11	6	101	10	
4800N 2300E	.6	10	26	13	6	202	5	
4800N 2400E	.6	6	17	11	4	121	5	
4800N 2500E	.7	8	22	10	5	133	5	
4800N 2600E	.9	16	22	12	5	138	10	
4800N 2700E	1.1	17	49	13	6	133	5	
4800N 2800E	.9	6	23	12	5	115	5	
4800N 2900E	1.1	15	22	13	5	106	5	
4800N 3000E	.9	11	17	12	4	97	5	
4800N 3100E	1.0	12	19	12	4	114	10	
4800N 3200E	.7	12	29	16	4	110	5	
4800N 3300E	.5	10	18	14	2	71	5	
4800N 3400E	.7	8	14	11	2	87	10	
4800N 3500E	1.0	11	26	16	4	118	5	
5000N 1500E	.6	10	15	15	7	245	5	
5000N 1600E	.5	8	23	13	5	118	5	
5000N 1700E	.6	14	45	11	7	134	5	
5000N 1800E	.5	10	18	13	5	110	10	
5000N 1900E	.3	12	17	13	6	225	5	
5000N 2000E	.5	12	20	15	5	160	5	
5000N 2100E	.8	11	25	12	6	197	5	
5000N 2200E	.7	20	18	12	6	84	10	
5000N 2300E	.5	8	20	12	4	221	10	
5000N 2400E	.5	12	13	13	3	82	5	
5000N 2500E	.6	19	26	15	6	66	5	
5000N 2600E	.3	14	15	12	9	334	5	
5000N 2700E	.3	14	10	12	4	123	10	
5000N 2800E	.9	19	32	15	5	170	5	
5000N 2900E	.7	15	17	12	5	134	10	
5000N 3000E	1.1	12	34	17	5	105	10	
5000N 3100E	.8	12	20	10	4	92	5	
5000N 3200E	1.0	18	34	11	5	123	5	
5000N 3300E	1.0	12	13	17	3	87	5	
5000N 3400E	1.1	17	25	14	4	97	5	
5000N 3500E	1.3	17	19	17	4	96	5	
5200N 1500E	.7	9	10	11	4	221	5	
5200N 1600E	.7	8	10	12	5	241	15	
5200N 1700E	.7	12	15	11	4	102	5	
5200N 1800E	.7	13	9	10	4	94	5	
5200N 1900E	.6	13	11	10	4	142	5	

COMPANY: BEMA INDUSTRIES
PROJECT NO: 87 24 H
ATTENTION: B.KAHLERT

MIN-EN LABS ICP REPORT
705 WEST 15TH ST.. NORTH VANCOUVER. B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

(ACT:F31) PAGE 1 OF 1
FILE NO: 7-1798/P25+26
* TYPE SOIL GEOCHEM * DATE:NOV 11, 1987

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
5200N 2000E	.5	11	37	19	6	127	5
5200N 2100E	.7	10	20	10	4	131	5
5200N 2200E	1.1	2	25	13	4	161	10
5200N 2300E	.6	4	10	10	3	123	5
5200N 2400E	.7	8	10	9	2	59	10
5200N 2500E	.9	11	21	11	4	203	5
5200N 2600E	1.5	16	115	25	5	342	5
5200N 2700E	1.3	39	26	19	4	152	5
5200N 2800E	.9	76	29	19	5	115	5
5200N 2900E	.8	16	15	10	6	81	10
5200N 3000E	.8	50	22	13	10	87	5
5200N 3100E	1.1	125	42	19	32	154	30 X
5200N 3200E	1.2	41	24	14	8	81	5
5200N 3300E	1.0	16	26	17	5	96	5
5200N 3400E	.7	33	31	14	16	173	10
5200N 3500E	1.0	11	17	15	4	81	10
DML 01	1.0	10	19	12	5	130	5
DML 02	.9	11	30	13	5	90	5
DML 03	.7	9	15	7	3	112	5
DML 04	.8	9	25	17	7	188	5
DML 05	.7	7	14	11	5	196	10
DML 06	.7	13	18	7	4	115	15
DML 07	.8	13	19	13	8	114	5
DML 08	1.1	29	75	24	14	175	5
DML 09	1.0	21	47	17	10	141	10
DML 10	.9	14	13	11	5	98	5
DML 11	.8	12	16	7	5	116	5
DML 12	.9	9	16	10	5	167	10
DML 13	.7	8	16	14	5	115	5
DML 14	.8	13	19	10	7	112	5
DML 15	.3	7	11	7	1	87	5
DML 16	.7	2	26	12	2	72	5
DMS 086 40M	.9	29	41	18	13	182	10
DMS 087 20M	.8	37	34	23	17	157	10
DMS 088 20M	.8	47	39	25	20	193	5
DMS 089 40M	.8	33	42	21	16	197	5
DMS 090 20M	1.0	46	45	25	18	206	10
DMS 091 20M	.7	21	29	24	11	192	5
DMS 092 20M	.5	19	23	17	8	181	5
DMS 093 20M	.8	19	26	19	7	190	10
DMS 094 40M	.9	18	30	20	6	194	5
DMS 095	.9	16	42	19	8	226	5
DMS 096 40M	.9	17	36	23	7	235	5
DMS 097 40M	1.0	29	40	22	7	241	5
DMS 098 40M	.7	16	29	20	7	202	10
DMS 099 40M	.7	14	39	20	7	234	5
DMS 100 40M	1.0	14	41	24	8	246	5
DMS 101 40M	1.0	20	43	21	8	251	10
DMS 102 40M	1.3	26	44	32	10	262	5
DMS 103 40M	1.1	19	42	24	9	276	10
DMS 104 40M	.8	19	47	18	9	322	5
DMS 105 40M	1.3	21	51	30	11	364	5
DMS 106 40M	1.0	24	57	27	13	367	5
DMS 107 40M	.9	23	59	25	11	366	10
DMS 108 20M	1.1	24	53	26	12	363	5
DMS 109 40M	1.2	22	58	32	12	396	5
DMS 110 40M	1.2	24	47	27	11	298	5
DMS 111 20M	1.5	24	54	36	12	314	5
DMS 112 40M	1.4	14	31	30	4	130	10
DMS 113 40M	1.1	13	45	17	4	129	5

COMPANY: BEMA INDUSTRIES | MIN-EN LABS ICP REPORT | (ACT:F31) PAGE 1 OF 1

PROJECT NO: 87 24 H | 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE NO: 7-1798/P27+28

ATTENTION: B.KAHLERT | (604)980-5814 OR (604)988-4524 | * TYPE SOIL GEOCHEM * | DATE:NOV 11, 1987

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
DMS 114 40M	.5	1	29	20	1	105	5
DMS 115 40M	.4	4	28	19	1	101	5
DMS 116 40M	.4	1	42	16	1	114	10
DMS 117 40M	.9	3	35	22	2	117	10
DMS 118 40M	.7	8	28	16	1	100	5
DMS 119 40M	1.3	15	31	27	3	95	5
DMS 120	.6	8	39	15	2	99	5
DMS 121 20M	.6	15	15	15	2	68	5
DMS 122 20M	1.1	11	47	19	3	86	10
DMS 123 40M	.9	12	35	22	4	121	5
DMS 124 40M	.8	14	41	18	6	166	5
DMS 125 40M	.8	19	40	22	7	181	5
DMS 126 40M	.6	9	41	17	5	165	5
DMS 127 40M	.6	6	56	13	5	169	5
DMS 128 40M	1.2	16	76	23	8	224	5
DMS 129 40M	1.0	8	58	25	6	209	5
DMS 130 40M	.8	11	58	18	5	219	340 X
DMS 131 40M	.8	7	50	21	8	227	10
DMS 132 40M	1.1	10	53	23	7	238	5
DMS 133 20M	.8	16	38	22	8	205	5
DMS 134 40M	.9	17	37	21	6	185	5
DMS 135 40M	.9	14	36	19	5	173	10
DMS 136 20M	.7	11	32	21	4	158	5
DMS 137 40M	.9	10	37	20	5	188	5
DMS 138 20M	.9	13	24	16	4	115	10
DMS 139 40M	.9	10	30	19	4	137	5
DMS 140 40M	1.0	13	35	20	4	151	5
DMS 141 40M	.9	13	33	17	4	140	5
DMS 142 40M	.9	15	38	23	5	163	10
DMS 143 40M	1.0	15	35	23	5	145	5
DMS 144	1.0	6	13	24	1	70	5
DMS 145 40M	.8	9	22	22	3	110	10
DMS 146 40M	1.0	7	34	21	4	146	5
DMS 147 40M	.8	6	26	14	2	103	5
DMS 148 40M	.4	9	58	24	3	119	5
DMS 149 40M	.5	13	51	18	2	107	5
DMS 150 40M	.5	10	56	22	2	118	5
DMS 151 20M	.6	19	49	19	3	104	10
DMS 152 40M	.7	12	65	25	3	131	5
DMS 153 40M	.7	15	56	28	2	120	10
DMS 154 40M	.6	13	57	23	2	121	5
DMS 155 40M	.6	15	51	22	3	105	10
DMS 156 40M	.6	10	51	22	3	106	5
DMS 157 40M	.7	8	54	26	3	120	5
DMS 158 20M	.6	15	44	21	3	94	5
DMS 159 40M	.5	18	45	22	2	102	5
DMS 160 20M	.8	20	62	27	1	135	5
DMS 161 40M	.8	18	57	27	3	160	10
DMS 162 40M	1.0	25	74	28	3	167	10
DMS 163 40M	1.0	19	54	25	4	173	5
DMS 164 40M	.9	18	49	25	3	190	5
DMS 165 40M	1.0	21	44	26	5	181	5
DMS 166 40M	.8	12	37	27	3	182	10
DMS 167 40M	.9	11	37	22	4	192	5
DMS 168 40M	.9	20	47	21	4	203	5
DMS 169 40M	.9	13	33	25	4	182	5
DMS 170 40M	.8	17	29	23	5	199	5
DMS 171 40M	.8	13	32	21	4	205	5
DMS 172 40M	.9	14	34	18	5	205	5
DMS 173 40M	1.0	9	38	20	4	213	5

COMPANY: BEMA INDUSTRIES
PROJECT NO: 87 24 H
ATTENTION: B.KAHLERT

MIN-EN LABS ICP REPORT
705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 7-1798/P29
* TYPE SOIL GEOCHEM * DATE:NOV 11, 1987

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
DMS 174 40M	.6	11	37	19	2	204	10
DMS 175 40M	.6	11	33	20	3	235	5
DMS 176 40M	.6	1	34	16	3	259	5
DMS 177 40M	.7	7	37	21	5	320	10
DMS 178 40M	.6	8	35	21	3	280	5
DMS 179 40M	.7	8	36	23	4	327	5
DMS 180 40M	.6	10	35	20	4	304	5
DMS 181 40M	.9	7	37	20	5	316	10
DMS 182 40M	.8	11	37	25	5	289	5
DMS 183 40M	.9	12	35	19	5	309	5
DMS 184 40M	.9	12	39	19	6	326	5
DMS 185 40M	.8	13	34	21	5	247	10
DMS 186 40M	1.0	11	26	22	3	151	5
DMS 187 40M	1.5	11	25	31	2	87	5
DMS 188 40M	1.0	11	22	18	2	76	5
DMS 189 40M	1.1	21	38	22	8	142	10
DMS 190 40M	1.1	25	29	24	11	125	5
DMS 191 40M	1.1	22	33	20	9	126	5
DMS 192 40M	1.0	23	36	22	10	129	5
DMS 193 40M	1.2	24	32	18	9	123	5
DMS 194	1.0	23	39	18	8	136	5
DMS 195 40M	.9	19	27	23	7	104	5
DMS 196 40M	.8	15	29	20	7	112	10
DMS 197 40M	.9	22	26	19	7	94	5
DMS 198 40M	1.1	21	27	23	7	101	5

COMPANY: BEMA INDUSTRIES
PROJECT NO: CIRCLE 87-24
ATTENTION: B.KEHLERT

MIN-EN LABS ICP REPORT
705 WEST 15TH ST.. NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

(ACT:F26). PAGE 1 OF 1
FILE NO: 8-030/P1
* TYPE ROCK GEOCHEM * DATE: JAN 26, 1988

(%)	B-1	B-2	B-3	B-5	B-10
AL2O3	1.13	.41	5.33	1.80	.63
BA	.018	.009	.042	.016	.006
BE	.001	.001	.001	.001	.001
CAO	5.36	.38	9.39	12.77	1.34
CO	.005	.005	.005	.005	.005
CR2O3	.54	.26	.19	.56	.70
CU	.010	.005	.005	.032	.005
FE2O3	7.31	5.27	8.27	7.04	8.37
K2O	.15	.04	.76	.32	.05
MGO	23.24	23.27	12.99	22.73	27.14
MNO2	.15	.07	.23	.18	.12
MO	.005	.005	.005	.005	.005
NA2O	.04	.01	.04	.03	.01
NB	.01	.01	.01	.01	.01
NI	.077	.085	.037	.057	.181
P2O5	.11	.13	.13	.12	.16
PB	.011	.010	.009	.005	.005
RB	.07	.01	.01	.01	.02
SIO2	38.10	47.80	40.93	26.37	36.26
SN	.005	.008	.005	.005	.005
SR	.02	.01	.02	.06	.01
TIO2	.04	.01	.38	.09	.02
V	.005	.005	.005	.005	.005
W	.005	.005	.005	.005	.005
ZN	.005	.005	.005	.005	.006
ZR	.005	.005	.005	.005	.005

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North Vancouver, B.C.
V7P 2R5
(604) 985-0681 Telex 04-352667

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Geochemical Lab Report

REPORT: V88-07818.0 (COMPLETE)

REFERENCE INFO: SHIPMENT #1

CLIENT: CIRCLE RESOURCES LTD.
PROJECT: 88A

SUBMITTED BY: B. FRASER
DATE PRINTED: 27-SEP-88

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au 30g	Gold 30 grams	28	5 PPB	FIRE-ASSAY	Fire Assay AA
2	Ag	Silver	28	0.5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
3	As	Arsenic	28	5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
4	Cu	Copper	28	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
5	Pb	Lead	28	5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
6	Sb	Antimony	28	5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
7	Zn	Zinc	28	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
8	Co	Cobalt	28	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
9	Ni	Nickel	28	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK OR BED ROCK	28	2 -150	28	CRUSH,PULVERIZE -150	28

REPORT COPIES TO: ATTN: MR. BYRAN M. FRASER
MR. FERGUS GRAHAM

INVOICE TO: ATTN: MR. BYRAN M. FRASER

Bondar-Clegg & Company Ltd.
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BONDAR-CLEGG

Geochemical Lab Report

REPORT: V88-07818.0 | PROJECT: 88A | PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Ag PPM	As PPM	Cu PPM	Pb PPM	Sb PPM	Zn PPM	Co PPM	Ni PPM
R2 70751		37	<0.5	81	187	<5	59	90	26	95
R2 70752		16	0.9	63	54	<5	34	55	17	53
R2 70753		<5	<0.5	40	118	20	17	75	41	138
R2 70754		15	<0.5	163	84	9	131	61	49	391
R2 70755		51	0.8	534	99	9	51	57	35	259
R2 70756		94	<0.5	720	64	<5	98	22	60	601
R2 70757		105	<0.5	630	142	<5	192	19	51	490
R2 70758		<5	<0.5	770	92	<5	108	11	56	608
R2 70759		89	<0.5	885	68	<5	188	14	64	804
R2 70760		134	<0.5	710	170	8	151	15	57	600
R2 70761		85	2.1	630	119	<5	113	8	51	489
R2 70762		29	<0.5	79	21	<5	44	20	3	37
R2 70763		28	<0.5	89	21	<5	56	29	4	43
R2 70764		136	<0.5	364	33	<5	146	62	27	131
R2 70765		47	1.1	91	22	9	65	23	5	34
R2 70766		104	<0.5	283	46	6	67	114	20	73
R2 70767		116	<0.5	1109	80	5	205	5	69	806
R2 70768		6	<0.5	52	164	23	<5	67	29	83
R2 70769		<5	1.0	37	102	<5	10	56	24	42
R2 70770		63	<0.5	438	92	<5	87	7	51	783
R2 70771		97	0.8	570	72	<5	64	6	59	702
R2 70772		122	0.8	570	87	<5	69	4	62	821
R2 70773		79	<0.5	640	88	<5	128	2	75	1074
R2 70774		<5	0.5	405	62	<5	119	3	67	871
R2 70775		103	0.8	310	190	<5	123	13	32	375
R2 70801		6	0.8	31	6	<5	16	17	2	26
R2 70802		<5	<0.5	180	<1	<5	30	9	46	585
R2 70803		<5	<0.5	43	10	<5	14	15	64	1159

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
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(604) 985-0681 Telex 04-352667

BONDAR-CLEGG

Geochemical Lab Report

REPORT: V88-07843.0 (COMPLETE)

REFERENCE INFO: SHIPMENT #2

CLIENT: CIRCLE RESOURCES LTD.
PROJECT: 88A

SUBMITTED BY: B. FRASER
DATE PRINTED: 30-SEP-88

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold - Fire Assay	386	5 PPB	FIRE-ASSAY	Fire Assay AA
2	Au 30g	Gold 30 grams	4	5 PPB	FIRE-ASSAY	Fire Assay AA
3	Co	Cobalt	390	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
4	Ag	Silver	390	0.5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
5	As	Arsenic	390	5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
6	Ni	Nickel	390	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
7	Cu	Copper	390	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
8	Pb	Lead	390	5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
9	Sb	Antimony	390	5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
10	Zn	Zinc	390	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC

SAMPLE TYPES		NUMBER	SIZE FRACTIONS		NUMBER	SAMPLE PREPARATIONS	NUMBER
S	SOILS	386	1	-80	386	DRY, SIEVE -80	386
R	ROCK OR BED ROCK	4	2	-150	4	CRUSH,PULVERIZE -150	4

REMARKS: ERRATIC GOLD RESULT NOTED:
L50+00N 24+50E CHECK = <5 PPB Au

REPORT COPIES TO: MR. BRYAN M. FRASER
MR. FERGUS GRAHAM

INVOICE TO: MR. BRYAN M. FRASER
MR. FERGUS GRAHAM

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BONDAR-CLEGG

Geochemical Lab Report

REPORT: V88-07843.0 | PROJECT: 88A | PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Au 30g PPB	Co PPM	Ag PPM	As PPM	Ni PPM	Cu PPM	Pb PPM	Sb PPM	Zn PPM
S1 L16+00N 20+00E		<5		8	<0.5	21	31	17	7	9	54
S1 L16+00N 21+00E		<5		18	<0.5	10	81	29	6	6	141
S1 L16+00N 22+00E		<5		11	<0.5	14	55	26	6	7	70
S1 L16+00N 23+00E		<5		11	<0.5	10	58	35	7	<5	74
S1 L16+00N 24+00E		<5		13	<0.5	11	81	31	6	8	75
S1 L16+00N 25+00E		<5		12	<0.5	9	67	31	6	<5	102
S1 L16+00N 26+00E		<5		12	<0.5	11	107	29	6	<5	76
S1 L16+00N 27+00E		<5		12	<0.5	<5	64	38	7	7	82
S1 L16+00N 28+00E		<5		9	<0.5	24	61	28	8	5	49
S1 L16+00N 29+00E		<5		10	<0.5	7	62	25	6	<5	60
S1 L16+00N 30+00E		<5		15	<0.5	11	122	31	6	<5	261
S1 L16+00N 31+00E		<5		16	<0.5	16	78	34	7	<5	394
S1 L16+00N 32+00E		<5		21	1.9	<5	124	53	9	<5	123
S1 L16+00N 33+00E		<5		12	<0.5	16	101	42	8	<5	74
S1 L16+00N 34+00E		<5		17	<0.5	<5	95	35	8	<5	136
S1 L16+00N 35+00E		5		18	<0.5	9	107	43	8	<5	230
S1 L16+00N 36+00E		<5		11	0.6	16	54	22	8	<5	212
S1 L16+00N 38+00E		<5		17	<0.5	14	81	37	7	<5	122
S1 L16+00N 39+00E		<5		15	0.5	24	92	30	7	<5	256
S1 L16+00N 40+00E		<5		15	<0.5	6	55	24	7	<5	148
S1 L18+00N 20+00E		<5		17	<0.5	19	116	40	9	<5	86
S1 L18+00N 21+00E		<5		8	<0.5	<5	44	18	7	<5	65
S1 L18+00N 22+00E		<5		7	<0.5	<5	36	15	8	<5	65
S1 L18+00N 23+00E		<5		11	<0.5	6	72	23	6	<5	69
S1 L18+00N 24+00E		<5		16	<0.5	12	98	48	10	<5	132
S1 L18+00N 25+00E		<5		12	<0.5	15	81	32	7	<5	87
S1 L18+00N 26+00E		<5		12	<0.5	13	58	30	7	<5	76
S1 L18+00N 27+00E		<5		11	<0.5	5	72	30	8	<5	76
S1 L18+00N 28+00E		<5		13	<0.5	7	78	24	8	<5	109
S1 L18+00N 29+00E		<5		17	<0.5	10	135	50	11	<5	217
S1 L18+00N 30+00E		<5		10	<0.5	<5	54	26	7	<5	108
S1 L18+00N 31+00E		<5		10	<0.5	8	65	31	8	<5	63
S1 L18+00N 32+00E		90		15	<0.5	9	137	63	7	<5	76
S1 L18+00N 33+00E		<5		11	<0.5	14	65	27	8	<5	227
S1 L18+00N 34+00E		<5		17	<0.5	32	110	55	10	6	509
S1 L18+00N 35+00E		<5		7	<0.5	11	56	16	7	<5	130
S1 L18+00N 36+00E		<5		13	<0.5	10	66	22	8	<5	137
S1 L18+00N 37+00E		<5		13	<0.5	13	100	46	10	<5	242
S1 L18+00N 38+00E		<5		15	<0.5	5	70	39	9	9	198
S1 L18+00N 39+00E		<5		15	<0.5	9	73	30	9	<5	186

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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Au 30g PPB	Co PPM	Ag PPM	As PPM	Ni PPM	Cu PPM	Pb PPM	Sb PPM	Zn PPM
S1 L18+00N 40+00E		<5		7	<0.5	20	35	21	9	<5	66
S1 L48+00N 15+00E		<5		11	<0.5	32	58	37	9	13	234
S1 L48+00N 15+50E		8		11	<0.5	42	92	73	13	15	383
S1 L48+00N 16+00E		8		19	<0.5	20	97	57	12	<5	170
S1 L48+00N 16+50E		<5		7	<0.5	17	32	16	8	7	148
S1 L48+00N 17+00E		<5		11	<0.5	23	59	25	8	<5	92
S1 L48+00N 17+50E		<5		8	<0.5	27	45	19	8	10	91
S1 L48+00N 18+00E		<5		9	<0.5	20	48	15	7	<5	102
S1 L48+00N 18+50E		12		12	<0.5	25	67	30	9	5	153
S1 L48+00N 19+00E		<5		9	<0.5	10	38	14	10	<5	114
S1 L48+00N 19+50E		<5		7	<0.5	9	36	15	8	<5	90
S1 L48+00N 20+00E		9		9	<0.5	<5	50	16	8	<5	151
S1 L48+00N 20+50E		28		10	<0.5	14	79	35	11	<5	126
S1 L48+00N 21+00E		16		13	<0.5	22	91	36	10	<5	269
S1 L48+00N 21+50E		<5		9	<0.5	<5	59	22	9	<5	141
S1 L48+00N 22+00E		<5		10	<0.5	15	63	33	9	<5	121
S1 L48+00N 22+50E		<5		12	<0.5	18	59	32	10	<5	211
S1 L48+00N 23+00E		<5		8	<0.5	11	49	25	10	<5	137
S1 L48+00N 23+50E		<5		10	<0.5	17	57	19	8	<5	183
S1 L48+00N 24+00E		<5		11	<0.5	16	65	28	10	<5	138
S1 L48+00N 24+50E		<5		10	<0.5	19	62	26	9	<5	104
S1 L48+00N 25+00E		<5		11	<0.5	15	72	30	10	<5	156
S1 L48+00N 25+50E		<5		14	<0.5	8	72	34	10	<5	149
S1 L48+00N 26+00E		<5		8	<0.5	7	51	22	8	<5	125
S1 L48+00N 26+50E		<5		9	<0.5	17	67	31	11	<5	137
S1 L48+00N 27+00E		<5		13	<0.5	9	74	31	10	<5	128
S1 L48+00N 27+50E		<5		18	<0.5	38	107	43	13	8	160
S1 L48+00N 28+00E		<5		13	<0.5	27	64	28	11	<5	95
S1 L48+00N 28+50E		<5		22	0.6	26	141	44	12	<5	178
S1 L48+00N 29+00E		<5		11	<0.5	22	74	29	10	<5	119
S1 L48+00N 29+50E		<5		14	<0.5	9	89	31	11	<5	107
S1 L48+00N 30+00E		<5		14	<0.5	26	109	32	10	<5	104
S1 L48+00N 30+50E		<5		16	0.6	6	111	30	11	<5	119
S1 L48+00N 31+00E		<5		15	<0.5	<5	115	25	10	<5	120
S1 L48+00N 31+50E		<5		19	<0.5	<5	150	41	10	6	149
S1 L48+00N 32+00E		<5		18	<0.5	25	121	29	10	<5	117
S1 L48+00N 32+50E		<5		15	<0.5	12	131	29	10	<5	112
S1 L48+00N 33+00E		12		14	<0.5	15	106	25	9	<5	69
S1 L48+00N 33+50E		<5		13	<0.5	8	125	21	9	<5	77
S1 L48+00N 34+00E		<5		14	<0.5	17	99	22	9	<5	92

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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Au 30g PPB	Co PPM	Ag PPM	As PPM	Ni PPM	Cu PPM	Pb PPM	Sb PPM	Zn PPM
S1 L48+00N 34+50E		<5		20	<0.5	10	152	23	10	<5	97
S1 L48+00N 35+00E		<5		25	<0.5	11	171	27	10	<5	127
S1 L50+00N 15+00E		<5		11	<0.5	31	70	24	10	<5	336
S1 L50+00N 15+50E		<5		13	<0.5	27	59	23	11	<5	190
S1 L50+00N 16+00E		<5		11	<0.5	18	62	26	10	<5	123
S1 L50+00N 17+00E		8		14	<0.5	32	87	33	10	<5	134
S1 L50+00N 17+50E		<5		9	<0.5	13	43	11	9	<5	88
S1 L50+00N 18+00E		5		9	<0.5	11	43	8	8	<5	125
S1 L50+00N 18+50E		<5		11	<0.5	34	55	14	14	<5	214
S1 L50+00N 19+00E		<5		12	<0.5	31	62	15	9	<5	332
S1 L50+00N 19+50E		<5		10	<0.5	20	63	27	10	<5	339
S1 L50+00N 21+00E		<5		14	0.5	6	54	19	10	<5	291
S1 L50+00N 21+50E		<5		10	<0.5	32	72	15	9	<5	127
S1 L50+00N 22+00E		<5		9	<0.5	16	60	10	8	<5	72
S1 L50+00N 22+50E		10		13	0.6	11	59	24	8	<5	185
S1 L50+00N 23+00E		<5		15	0.7	21	66	31	11	<5	406
S1 L50+00N 24+00E		<5		10	<0.5	14	47	24	6	<5	98
S1 L50+00N 24+50E		144		9	<0.5	6	46	11	10	7	64
S1 L50+00N 25+00E		<5		13	<0.5	24	67	29	11	<5	74
S1 L50+00N 25+50E		6		18	1.2	53	92	124	17	<5	608
S1 L50+00N 26+00E		<5		10	<0.5	20	67	38	9	<5	487
S1 L50+00N 26+50E		<5		9	<0.5	22	47	11	8	<5	116
S1 L50+00N 27+00E		<5		18	0.6	149	116	34	10	<5	426
S1 L50+00N 27+50E		<5		18	<0.5	171	262	37	11	<5	185
S1 L50+00N 28+00E		<5		20	0.6	94	108	45	9	6	207
S1 L50+00N 28+50E		<5		12	<0.5	13	59	19	10	<5	103
S1 L50+00N 29+00E		16		13	0.5	18	88	21	9	<5	150
S1 L50+00N 29+50E		<5		13	0.6	10	79	20	6	<5	96
S1 L50+00N 30+00E		<5		12	<0.5	5	96	17	7	5	85
S1 L50+00N 30+50E		<5		11	<0.5	10	85	15	6	<5	113
S1 L50+00N 31+00E		<5		11	<0.5	<5	70	17	7	<5	72
S1 L50+00N 31+50E		<5		9	<0.5	11	61	15	8	<5	58
S1 L50+00N 32+00E		10		13	<0.5	<5	132	29	6	<5	84
S1 L50+00N 32+50E		8		19	<0.5	<5	188	30	7	<5	71
S1 L50+00N 33+00E		<5		14	<0.5	<5	86	10	6	<5	75
S1 L50+00N 33+50E		5		16	0.6	12	168	17	<5	<5	86
S1 L50+00N 34+00E		<5		17	<0.5	<5	165	26	7	<5	66
S1 L50+00N 34+50E		<5		26	<0.5	<5	207	36	6	<5	84
S1 L50+00N 35+00E		<5		22	<0.5	<5	200	24	<5	<5	102
S1 L51+00N 30+00E		<5		14	<0.5	8	103	23	<5	<5	86

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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Au 30g PPB	Co PPM	Ag PPM	As PPM	Ni PPM	Cu PPM	Pb PPM	Sb PPM	Zn PPM
S1 L51+00N 31+00E		<5		23	<0.5	30	227	50	9	<5	125
S1 L51+00N 32+00E		<5		13	<0.5	<5	102	20	6	<5	77
S1 L51+00N 33+00E		<5		12	<0.5	<5	79	19	8	<5	65
S1 L51+00N 34+00E		<5		12	0.5	15	115	22	6	<5	67
S1 L51+00N 35+00E		<5		12	<0.5	7	96	22	<5	<5	57
S1 L53+00N 25+00E		<5		18	<0.5	25	99	43	8	7	147
S1 L53+00N 26+00E		<5		14	<0.5	15	99	41	5	<5	91
S1 L53+00N 27+00E		<5		23	0.7	24	131	52	10	<5	143
S1 L53+00N 28+00E		<5		9	0.7	63	360	33	<5	<5	63
S1 L53+00N 29+00E		<5		31	<0.5	231	329	60	7	27	112
S1 L53+00N 30+00E		<5		15	<0.5	157	74	59	8	54	113
S1 L53+00N 31+00E		<5		14	<0.5	19	70	18	8	<5	69
S1 L53+00N 32+00E		<5		11	<0.5	18	64	23	7	<5	77
S1 L53+00N 33+00E		<5		18	<0.5	<5	149	32	5	<5	64
S1 L53+00N 34+00E		12		10	<0.5	10	44	9	7	<5	66
S1 L53+00N 35+00E		<5		14	<0.5	15	105	28	6	<5	108
S1 L54+00N 15+00E		<5		11	<0.5	32	80	43	8	10	224
S1 L54+00N 16+00E		21		10	<0.5	<5	51	21	6	<5	105
S1 L54+00N 17+00E		<5		10	<0.5	21	34	39	13	9	213
S1 L54+00N 18+00E		5		15	0.5	21	142	96	15	<5	232
S1 L54+00N 19+00E		<5		11	<0.5	12	54	26	5	<5	146
S1 L54+00N 20+00E		<5		11	0.5	<5	65	31	8	<5	164
S1 L54+00N 21+00E		<5		12	0.7	12	61	29	8	<5	137
S1 L54+00N 22+00E		<5		10	<0.5	23	50	18	8	<5	107
S1 L54+00N 23+00E		<5		7	<0.5	11	47	18	8	<5	76
S1 L54+00N 24+00E		<5		8	<0.5	10	47	15	<5	6	108
S1 L54+00N 25+00E		<5		19	0.6	23	113	47	8	<5	168
S1 L54+00N 26+00E		<5		18	<0.5	23	101	43	10	<5	200
S1 L54+00N 27+00E		<5		17	0.7	27	101	28	9	<5	148
S1 L54+00N 28+00E		<5		14	<0.5	9	92	27	7	<5	96
S1 L54+00N 29+00E		<5		12	<0.5	9	63	19	7	<5	68
S1 L54+00N 30+00E		<5		16	0.7	11	75	24	<5	6	85
S1 L54+00N 31+00E		<5		23	<0.5	88	154	40	7	19	99
S1 L54+00N 32+00E		<5		12	0.8	131	79	50	12	49	143
S1 L54+00N 33+00E		<5		15	0.6	93	94	50	11	34	140
S1 L54+00N 34+00E		<5		12	<0.5	17	59	14	8	<5	98
S1 L54+00N 35+00E		<5		13	<0.5	30	73	22	8	<5	102
S1 L56+00N 15+00E		6		9	<0.5	14	39	38	12	7	156
S1 L56+00N 16+00E		15		32	1.9	28	172	104	14	<5	276
S1 L56+00N 17+00E		5		24	1.4	22	274	162	13	<5	399

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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Au 30g PPB	Co PPM	Ag PPM	As PPM	Ni PPM	Cu PPM	Pb PPM	Sb PPM	Zn PPM
S1 L56+00N 18+00E		<5		12	<0.5	8	57	24	6	<5	171
S1 L56+00N 19+00E		<5		14	<0.5	9	58	25	7	<5	129
S1 L56+00N 20+00E		<5		11	<0.5	<5	57	19	5	<5	108
S1 L56+00N 21+00E		<5		10	<0.5	6	63	26	7	<5	127
S1 L56+00N 22+00E		<5		8	<0.5	20	51	28	10	<5	95
S1 L56+00N 23+00E		<5		9	<0.5	11	54	19	10	<5	106
S1 L56+00N 24+00E		<5		15	0.5	23	75	39	8	8	134
S1 L56+00N 25+00E		<5		11	0.5	<5	57	27	9	<5	110
S1 L56+00N 26+00E		<5		13	0.5	23	71	29	12	<5	124
S1 L56+00N 27+00E		<5		11	<0.5	11	51	12	8	<5	56
S1 L56+00N 28+00E		<5		12	<0.5	13	74	24	8	6	83
S1 L56+00N 29+00E		<5		22	0.5	24	187	39	8	<5	138
S1 L56+00N 30+00E		<5		15	<0.5	36	107	19	6	<5	91
S1 L56+00N 31+00E		<5		15	<0.5	26	90	21	10	<5	92
S1 L56+00N 32+00E		50		10	<0.5	<5	55	20	10	<5	93
S1 L56+00N 33+00E		<5		19	<0.5	41	131	25	10	<5	93
S1 L56+00N 34+00E		<5		11	<0.5	19	62	11	11	<5	122
S1 L56+00N 35+00E		<5		22	0.6	65	186	72	11	<5	517
S1 L58+00N 15+00E		11		8	0.6	15	38	47	11	10	151
S1 L58+00N 16+00E		6		6	<0.5	9	23	27	11	<5	62
S1 L58+00N 17+00E		<5		10	<0.5	<5	51	21	10	<5	91
S1 L58+00N 18+00E		6		21	<0.5	<5	36	33	8	<5	144
S1 L58+00N 19+00E		12		16	<0.5	<5	86	43	10	<5	191
S1 L58+00N 20+00E		<5		12	<0.5	<5	97	33	11	<5	178
S1 L58+00N 21+00E		<5		12	0.6	43	74	21	10	<5	136
S1 L58+00N 23+00E		<5		20	0.6	<5	99	42	12	10	207
S1 L58+00N 24+00E		<5		12	<0.5	<5	59	16	10	<5	200
S1 L58+00N 25+00E		<5		15	<0.5	24	54	27	10	11	113
S1 L58+00N 26+00E		<5		11	<0.5	<5	56	17	9	11	108
S1 L58+00N 27+00E		<5		21	<0.5	185	210	31	8	16	115
S1 L58+00N 28+00E		<5		16	<0.5	81	134	16	5	<5	79
S1 L58+00N 29+00E		8		15	<0.5	<5	107	18	10	<5	96
S1 L58+00N 30+00E		<5		12	<0.5	21	95	11	7	13	73
S1 L58+00N 31+00E		<5		25	<0.5	37	351	28	12	21	83
S1 L58+00N 32+00E		<5		12	0.8	13	584	226	8	<5	360
S1 L58+00N 33+00E		9		8	<0.5	20	48	6	8	11	85
S1 L58+00N 34+00E		<5		12	<0.5	9	68	18	8	8	92
S1 L58+00N 35+00E		<5		16	<0.5	20	83	23	11	14	171
S1 L60+00N 15+00E		<5		8	<0.5	13	31	21	9	5	97
S1 L60+00N 16+00E		<5		10	<0.5	<5	43	15	9	16	125

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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Au 30g PPB	Co PPM	Ag PPM	As PPM	Ni PPM	Cu PPM	Pb PPM	Sb PPM	Zn PPM
S1 L60+00N 17+00E		<5		7	0.6	6	50	13	9	<5	71
S1 L60+00N 18+00E		<5		8	0.7	<5	54	19	9	<5	126
S1 L60+00N 19+00E		5		7	<0.5	8	49	14	7	<5	133
* S1 L60+00N 20+00E		<5		10	<0.5	10	42	25	10	12	140
S1 L60+00N 20+50E		<5		10	<0.5	<5	45	9	8	11	128
S1 L60+00N 21+00E		<5		11	<0.5	<5	72	25	8	5	146
S1 L60+00N 21+50E		12		32	1.2	33	382	210	12	11	392
S1 L60+00N 22+00E		<5		4	<0.5	<5	43	60	<5	10	73
S1 L60+00N 22+50E		<5		15	<0.5	16	87	43	10	<5	127
S1 L60+00N 23+00E		5		12	<0.5	16	54	19	14	18	115
S1 L60+00N 23+50E		<5		14	<0.5	16	72	13	8	<5	158
S1 L60+00N 24+00E		11		11	<0.5	<5	62	19	11	<5	101
S1 L60+00N 24+50E		6		12	<0.5	8	71	18	12	10	76
S1 L60+00N 25+00E		<5		11	<0.5	26	54	24	9	10	96
S1 L60+00N 25+50E		<5		12	<0.5	6	67	15	10	8	98
S1 L60+00N 26+00E		<5		14	0.6	25	85	22	7	7	80
S1 L60+00N 26+50E		<5		12	<0.5	39	70	15	11	9	137
S1 L60+00N 27+00E		<5		15	<0.5	48	98	24	8	21	87
S1 L60+00N 27+50E		<5		11	<0.5	27	68	24	9	<5	105
S1 L60+00N 28+00E		<5		15	<0.5	32	106	19	8	<5	81
S1 L60+00N 28+50E		<5		15	<0.5	<5	101	22	8	<5	104
S1 L60+00N 29+00E		<5		14	<0.5	5	106	21	12	<5	129
S1 L60+00N 29+50E		<5		13	<0.5	11	87	16	11	<5	75
S1 L60+00N 30+00E		<5		18	<0.5	30	117	20	11	<5	76
S1 L60+00N 30+50E		<5		18	<0.5	17	134	23	10	<5	121
S1 L60+00N 31+00E		<5		9	<0.5	<5	36	8	10	<5	58
S1 L60+00N 31+50E		<5		16	<0.5	22	89	23	11	<5	152
S1 L60+00N 32+00E		<5		21	<0.5	26	193	23	14	<5	145
S1 L60+00N 32+50E		<5		12	0.7	23	63	17	12	<5	112
S1 L60+00N 33+00E		<5		11	<0.5	<5	44	12	10	<5	132
S1 L60+00N 33+50E		<5		10	<0.5	20	55	13	9	<5	190
S1 L60+00N 34+00E		<5		11	<0.5	6	59	23	11	<5	123
S1 L60+00N 34+50E		<5		20	<0.5	<5	112	19	5	<5	98
S1 L60+00N 35+00E		<5		13	<0.5	<5	57	23	6	8	111
S1 L62+00N 15+00E		<5		12	1.0	11	115	45	7	<5	132
S1 L62+00N 16+00E		<5		13	<0.5	16	70	31	7	8	171
S1 L62+00N 17+00E		6		20	0.7	36	114	43	9	<5	175
S1 L62+00N 18+00E		<5		9	<0.5	12	64	29	6	<5	150
S1 L62+00N 19+00E		<5		10	<0.5	<5	53	21	5	7	143
S1 L62+00N 20+00E		<5		14	<0.5	<5	85	29	7	<5	154

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Geochemical Lab Report

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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Au 30g PPB	Co PPM	Ag PPM	As PPM	Ni PPM	Cu PPM	Pb PPM	Sb PPM	Zn PPM
S1 L62+00N 21+00E		<5		7	<0.5	<5	45	12	7	5	127
S1 L62+00N 22+00E		<5		9	<0.5	23	72	22	<5	<5	110
S1 L62+00N 23+00E		<5		24	0.6	26	133	61	17	<5	298
S1 L62+00N 24+00E		<5		20	<0.5	13	128	35	12	7	155
S1 L62+00N 25+00E		<5		13	<0.5	<5	70	7	8	5	77
S1 L62+00N 26+00E		<5		17	<0.5	7	98	22	7	<5	98
S1 L62+00N 27+00E		<5		13	<0.5	46	76	17	12	<5	102
S1 L62+00N 28+00E		<5		23	1.0	30	155	34	13	7	218
S1 L62+00N 29+00E		<5		19	0.6	11	151	29	12	<5	139
S1 L62+00N 30+00E		<5		15	<0.5	11	99	27	10	<5	101
S1 L62+00N 30+50E		<5		12	<0.5	6	80	29	12	<5	130
S1 L62+00N 31+00E		<5		21	<0.5	25	353	50	13	<5	677
S1 L62+00N 31+50E		<5		12	<0.5	<5	69	7	12	<5	129
S1 L62+00N 32+00E		6		17	0.6	7	89	22	13	<5	232
S1 L62+00N 32+50E		<5		12	0.5	11	51	18	11	<5	119
S1 L62+00N 33+00E		<5		15	<0.5	21	81	19	18	<5	148
S1 L62+00N 33+50E		<5		22	<0.5	<5	143	58	12	<5	253
S1 L62+00N 34+00E		<5		11	<0.5	<5	47	19	11	<5	148
S1 L62+00N 34+50E		<5		21	<0.5	32	112	50	18	<5	161
S1 L62+00N 35+00E		<5		14	0.9	18	63	36	14	<5	139
S1 L64+00N 15+00E		6		10	<0.5	22	55	29	12	<5	141
S1 L64+00N 16+00E		<5		11	<0.5	<5	38	16	11	<5	133
S1 L64+00N 17+00E		<5		10	<0.5	7	42	12	14	<5	117
S1 L64+00N 18+00E		<5		10	<0.5	7	46	12	13	<5	125
S1 L64+00N 19+00E		<5		10	<0.5	<5	45	14	14	<5	124
S1 L64+00N 20+00E		<5		9	0.6	<5	41	5	12	<5	119
S1 L64+00N 21+00E		<5		13	0.7	53	86	27	12	10	149
S1 L64+00N 22+00E		<5		13	<0.5	33	77	29	14	<5	101
S1 L64+00N 23+00E		<5		9	<0.5	<5	35	4	14	<5	82
S1 L64+00N 24+00E		<5		12	<0.5	15	56	9	14	<5	97
S1 L64+00N 25+00E		<5		23	<0.5	42	126	21	15	<5	127
S1 L64+00N 26+00E		<5		10	<0.5	9	43	9	12	<5	108
S1 L64+00N 27+00E		<5		12	<0.5	24	64	23	14	<5	217
S1 L64+00N 28+00E		18		17	0.5	25	129	12	15	<5	171
S1 L64+00N 29+00E		<5		16	<0.5	25	87	24	13	<5	130
S1 L64+00N 30+00E		<5		10	<0.5	9	52	19	15	<5	111
S1 L64+00N 31+00E		<5		9	<0.5	<5	37	8	11	<5	100
S1 L64+00N 32+00E		9		14	<0.5	<5	57	18	13	<5	112
S1 L64+00N 33+00E		10		14	0.8	12	56	23	15	<5	102
S1 L64+00N 34+00E		6		12	<0.5	13	57	28	9	<5	112

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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Au 30g PPB	Co PPM	Ag PPM	As PPM	Ni PPM	Cu PPM	Pb PPM	Sb PPM	Zn PPM
S1 L64+00N 35+00E		<5		22	0.7	35	132	51	17	<5	176
S1 L66+00N 15+00E		5		4	1.1	<5	15	19	24	<5	236
S1 L66+00N 16+00E		<5		12	<0.5	<5	52	3	12	<5	105
S1 L66+00N 17+00E		16		11	<0.5	<5	51	18	12	<5	95
S1 L66+00N 18+00E		<5		13	<0.5	26	78	22	11	<5	116
S1 L66+00N 19+00E		<5		9	<0.5	13	41	9	14	<5	124
S1 L66+00N 20+00E		<5		15	<0.5	47	76	25	12	5	132
S1 L66+00N 21+00E		<5		48	<0.5	19	604	89	11	<5	142
S1 L66+00N 22+00E		<5		18	<0.5	15	103	36	13	<5	281
S1 L66+00N 23+00E		<5		18	<0.5	19	79	28	18	<5	250
S1 L66+00N 24+00E		<5		14	0.6	17	57	13	14	<5	90
S1 L66+00N 25+00E		<5		12	0.8	15	58	11	15	<5	108
S1 L66+00N 26+00E		<5		23	0.7	21	136	36	16	<5	147
S1 L66+00N 27+00E		<5		30	0.7	55	248	38	16	<5	128
S1 L66+00N 28+00E		<5		18	<0.5	9	112	25	17	<5	160
S1 L66+00N 29+00E		14		15	0.8	30	103	45	16	<5	121
S1 L66+00N 30+00E		<5		16	0.8	19	105	54	8	12	131
S1 L66+00N 31+00E		<5		14	0.8	10	86	41	8	<5	267
S1 L66+00N 32+00E		<5		9	<0.5	9	49	20	7	<5	100
S1 L66+00N 33+00E		<5		10	<0.5	9	45	21	10	6	129
S1 L66+00N 34+00E		<5		6	<0.5	6	41	22	6	7	86
S1 L66+00N 35+00E		<5		10	0.5	22	33	12	6	5	170
S1 L68+00N 15+00E		5		11	<0.5	<5	71	29	9	17	226
S1 L68+00N 16+00E		<5		6	<0.5	<5	33	11	6	<5	119
S1 L68+00N 17+00E		7		11	<0.5	13	66	31	7	9	144
S1 L68+00N 18+00E		<5		42	<0.5	91	561	75	8	36	124
S1 L68+00N 19+00E		<5		11	<0.5	15	60	27	6	<5	88
S1 L68+00N 20+00E		<5		12	0.5	8	105	15	6	11	86
S1 L68+00N 21+00E		5		20	1.3	7	460	252	12	7	291
S1 L68+00N 22+00E		7		10	<0.5	21	48	13	6	<5	50
S1 L68+00N 23+00E		9		1	<0.5	<5	28	10	5	<5	41
S1 L68+00N 24+00E		<5		13	<0.5	20	68	16	8	10	150
S1 L68+00N 25+00E		5		12	0.8	20	154	106	8	13	188
S1 L68+00N 26+00E		<5		12	<0.5	19	76	20	6	<5	104
S1 L68+00N 27+00E		<5		23	0.8	15	176	39	10	<5	204
S1 L68+00N 28+00E		11		13	0.5	17	61	27	<5	<5	102
S1 L68+00N 29+00E		<5		12	0.6	15	82	31	9	7	158
S1 L68+00N 30+00E		<5		15	<0.5	30	147	20	9	<5	243
S1 L68+00N 31+00E		<5		7	<0.5	8	38	18	6	<5	89
S1 L68+00N 32+00E		<5		9	<0.5	11	53	26	7	<5	103

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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Au 30g PPB	Co PPM	Ag PPM	As PPM	Ni PPM	Cu PPM	Pb PPM	Sb PPM	Zn PPM
S1 L68+00N 33+00E		8		8	<0.5	<5	38	16	6	<5	64
S1 L68+00N 34+00E		<5		13	<0.5	14	63	23	8	<5	60
S1 L68+00N 35+00E		6		6	0.5	7	26	11	<5	7	68
S1 L70+00N 15+00E		11		14	0.5	31	89	39	9	5	96
S1 L70+00N 16+00E		8		15	<0.5	37	102	37	7	<5	108
S1 L70+00N 17+00E		5		15	<0.5	8	136	29	6	<5	114
S1 L70+00N 18+00E		6		12	<0.5	36	48	51	9	18	122
S1 L70+00N 19+00E		7		25	0.9	18	1126	61	8	11	203
S1 L70+00N 20+00E		6		10	0.7	<5	62	20	5	10	89
S1 L70+00N 21+00E		6		12	0.7	<5	117	13	6	<5	64
S1 L70+00N 22+00E		<5		17	<0.5	120	106	30	9	11	122
S1 L70+00N 23+00E		<5		8	<0.5	7	45	21	5	<5	59
S1 L70+00N 24+00E		<5		8	<0.5	<5	49	16	<5	<5	72
S1 L70+00N 25+00E		<5		10	<0.5	7	105	34	10	<5	144
S1 L70+00N 26+00E		<5		20	<0.5	16	118	31	9	9	121
S1 L70+00N 27+00E		<5		14	<0.5	16	79	34	8	<5	115
S1 L70+00N 28+00E		<5		9	<0.5	26	46	16	6	<5	114
S1 L70+00N 29+00E		8		9	<0.5	<5	41	19	6	<5	119
S1 L70+00N 30+00E		5		7	<0.5	10	32	15	6	<5	67
S1 L70+00N 31+00E		<5		8	<0.5	24	44	15	7	<5	95
S1 L70+00N 32+00E		<5		10	<0.5	11	71	17	7	<5	81
S1 L70+00N 33+00E		<5		7	<0.5	18	37	15	7	5	51
S1 L70+00N 34+00E		<5		5	<0.5	19	34	10	5	<5	60
S1 L70+00N 35+00E		6		8	<0.5	<5	22	13	<5	<5	45
S1 L72+00N 15+00E		<5		11	0.5	13	81	31	8	<5	114
S1 L72+00N 16+00E		<5		16	<0.5	19	136	52	7	8	111
S1 L72+00N 17+00E		<5		12	<0.5	28	82	41	7	10	98
S1 L72+00N 18+00E		7		31	<0.5	14	227	26	5	<5	116
S1 L72+00N 19+00E		32		17	<0.5	41	106	32	9	18	94
S1 L72+00N 20+00E		<5		11	<0.5	23	65	15	7	<5	81
S1 L72+00N 21+00E		10		14	<0.5	7	94	36	10	10	98
S1 L72+00N 22+00E		<5		9	<0.5	10	50	12	7	<5	76
S1 L72+00N 23+00E		<5		14	<0.5	22	97	21	7	6	74
S1 L72+00N 24+00E		<5		9	<0.5	9	58	17	8	<5	84
S1 L72+00N 25+00E		<5		23	0.5	<5	212	68	8	16	205
S1 L72+00N 26+00E		<5		13	0.7	6	93	36	10	<5	173
S1 L72+00N 27+00E		<5		10	<0.5	48	91	29	9	<5	125
S1 L72+00N 28+00E		<5		5	<0.5	18	31	15	8	<5	74
S1 L72+00N 29+00E		<5		7	<0.5	10	38	14	6	<5	72
S1 L72+00N 30+00E		<5		7	<0.5	17	45	13	6	<5	61

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Geochemical Lab Report

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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Au 30g PPB	Co PPM	Ag PPM	As PPM	Ni PPM	Cu PPM	Pb PPM	Sb PPM	Zn PPM
S1 L72+00N 31+00E		<5		5	<0.5	<5	36	11	6	5	40
S1 L72+00N 32+00E		<5		10	<0.5	18	53	22	7	<5	70
S1 L72+00N 33+00E		<5		8	<0.5	10	41	13	6	<5	75
S1 L72+00N 34+00E		<5		6	<0.5	<5	14	11	<5	<5	40
S1 L72+00N 35+00E		<5		11	<0.5	24	44	24	7	6	40
S1 L74+00N 15+00E		<5		11	<0.5	34	70	28	7	13	94
S1 L74+00N 16+00E		<5		28	0.6	38	180	62	12	<5	133
S1 L74+00N 17+00E		<5		24	<0.5	18	189	25	6	<5	117
S1 L74+00N 18+00E		<5		22	<0.5	50	200	21	9	12	105
S1 L74+00N 19+00E		<5		16	<0.5	14	125	20	9	<5	120
S1 L74+00N 20+00E		<5		12	<0.5	128	132	51	7	18	284
S1 L74+00N 21+00E		<5		10	<0.5	10	75	23	7	<5	89
S1 L74+00N 22+00E		<5		20	<0.5	37	128	48	9	14	119
S1 L74+00N 23+00E		<5		32	0.8	15	414	51	7	8	107
S1 L74+00N 24+00E		<5		13	0.5	10	77	27	9	<5	131
S1 L74+00N 25+00E		<5		10	0.5	18	64	16	6	6	89
S1 L74+00N 26+00E		<5		11	<0.5	13	64	21	9	7	82
S1 L74+00N 27+00E		<5		8	<0.5	<5	50	18	7	<5	50
S1 L74+00N 28+00E		<5		7	<0.5	<5	39	19	6	<5	65
S1 L74+00N 29+00E		<5		12	<0.5	29	63	37	8	<5	86
S1 L74+00N 30+00E		<5		7	0.5	19	39	15	7	8	41
S1 L74+00N 31+00E		<5		7	<0.5	32	37	13	6	<5	54
S1 L74+00N 32+00E		<5		9	<0.5	9	44	24	8	<5	56
S1 L74+00N 33+00E		<5		7	<0.5	11	45	20	8	11	80
S1 L74+00N 34+00E		<5		12	0.6	26	61	26	6	6	111
S1 L74+00N 35+00E		<5		4	<0.5	<5	10	8	8	<5	26
R2 70776			<5	29	<0.5	10	107	71	8	10	73
R2 70777			<5	6	<0.5	<5	10	51	7	7	15
R2 70778			5	24	<0.5	6	61	90	7	<5	59
R2 70804			<5	11	<0.5	26	41	11	10	19	78

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Geochemical Lab Report

REPORT: V88-07864.0 (COMPLETE)

REFERENCE INFO: SHIPMENT #3

CLIENT: CIRCLE RESOURCES LTD.
PROJECT: 88A

SUBMITTED BY: B. FRASER
DATE PRINTED: 28-OCT-88

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au 30g	Gold 30 grams	13	5 PPB	FIRE-ASSAY	Fire Assay AA
2	Au	Gold - Fire Assay	250	5 PPB	FIRE-ASSAY	Fire Assay AA
3	Au/wt	Sample weight/grams	10	0.1 G		
4	Au/wt	-20 Mesh Sample Wt.	5	0.1 G		
5	Ag	Silver	263	0.5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
6	As	Arsenic	263	5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
7	Cu	Copper	263	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
8	Pb	Lead	263	5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
9	Sb	Antimony	263	5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
10	Zn	Zinc	263	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
11	Co	Cobalt	263	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
12	Ni	Nickel	263	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC

SAMPLE TYPES		NUMBER
S	SOILS	250
R	ROCK OR BED ROCK	13

SIZE FRACTIONS		NUMBER
1	-80	250
2	-150	13

SAMPLE PREPARATIONS	NUMBER
DRY, SIEVE -80	250
CRUSH,PULVERIZE -150	13
FAX CHARGE	1

REPORT COPIES TO: MR. BRYAN M. FRASER
MR. FERGUS GRAHAM

INVOICE TO: MR. BRYAN M. FRASER
MR. FERGUS GRAHAM

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SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Au PPB	Au/wt G	Au/wt G	Ag PPM	As PPM	Cu PPM	Pb PPM	Sb PPM	Zn PPM	Co PPM	Ni PPM
S1 L20+00N 20+00E			<5			<0.5	9	17	6	<5	103	9	44
S1 L20+00N 21+00E			<5			<0.5	22	32	10	<5	170	6	46
S1 L20+00N 22+00E			<5			0.8	13	29	8	<5	130	8	45
S1 L20+00N 23+00E			<5			<0.5	17	36	7	7	128	8	91
S1 L20+00N 24+00E			<5			0.6	<5	35	10	<5	119	7	46
S1 L20+00N 25+00E			<5			<0.5	<5	24	6	<5	102	8	37
S1 L20+00N 26+00E			<5			<0.5	49	24	7	<5	92	10	67
S1 L20+00N 27+00E			<5			<0.5	50	32	8	<5	132	13	57
S1 L20+00N 28+00E			<5			<0.5	17	19	12	<5	141	3	47
S1 L20+00N 29+00E			<5			<0.5	38	6	<5	<5	114	<1	17
S1 L20+00N 30+00E			<5			<0.5	26	37	5	<5	131	12	60
S1 L20+00N 31+00E			<5			0.7	6	43	<5	9	173	17	94
S1 L20+00N 32+00E			<5			0.7	<5	28	<5	<5	122	5	34
S1 L20+00N 33+00E			<5			1.1	17	58	9	14	674	8	88
S1 L20+00N 34+00E			<5			0.8	14	33	<5	<5	223	8	43
S1 L20+00N 35+00E			<5			0.8	<5	37	6	<5	251	12	59
S1 L20+00N 37+00E			<5			0.7	12	38	<5	<5	203	10	47
S1 L20+00N 38+00E			<5			0.6	10	26	<5	<5	63	5	34
S1 L20+00N 39+00E			<5			<0.5	26	30	<5	8	149	12	61
S1 L20+00N 40+00E			<5			<0.5	24	27	<5	7	89	5	21
S1 L22+00N 20+00E			<5			<0.5	<5	18	7	<5	120	7	45
S1 L22+00N 21+00E			<5			<0.5	<5	15	5	<5	72	14	56
S1 L22+00N 22+00E			13			<0.5	12	49	6	<5	77	20	153
S1 L22+00N 23+00E			<5			<0.5	<5	31	8	<5	103	13	71
S1 L22+00N 24+00E			<5			<0.5	<5	28	7	6	80	15	105
S1 L22+00N 25+00E			<5			<0.5	<5	22	6	6	104	10	61
S1 L22+00N 26+00E			6			<0.5	<5	17	8	<5	98	10	60
S1 L22+00N 27+00E			<5			<0.5	<5	23	7	<5	150	9	57
S1 L22+00N 28+00E			<5			<0.5	<5	23	9	<5	175	10	55
S1 L22+00N 29+00E			<5	5.0		0.6	<5	61	10	5	419	8	111
S1 L22+00N 30+00E			<5			<0.5	<5	42	8	<5	196	18	125
S1 L22+00N 31+00E			<5	2.0	8.0	<0.5	<5	58	9	7	213	18	123
S1 L22+00N 32+00E			<5			<0.5	13	24	7	<5	337	15	93
S1 L22+00N 33+00E			<5			<0.5	9	36	7	<5	150	6	43
S1 L22+00N 34+00E			<5			<0.5	<5	22	9	<5	124	4	40
S1 L22+00N 35+00E			<5			<0.5	7	25	7	<5	99	9	52
S1 L22+00N 36+00E			<5			<0.5	<5	19	7	<5	94	5	45
S1 L22+00N 37+00E			<5			<0.5	<5	18	5	<5	81	5	44
S1 L22+00N 38+00E			<5			<0.5	7	17	<5	7	94	5	38
S1 L22+00N 39+00E			<5			<0.5	12	16	7	<5	125	5	36

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SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Au PPB	Au/wt G	Au/wt G	Ag PPM	As PPM	Cu PPM	Pb PPM	Sb PPM	Zn PPM	Co PPM	Ni PPM
S1 L22+00N 40+00E			<5			<0.5	11	22	<5	9	83	8	53
S1 L24+00N 20+00E			<5			<0.5	21	8	<5	6	28	4	50
S1 L24+00N 21+00E			<5			<0.5	31	27	<5	<5	61	17	127
S1 L24+00N 22+00E			<5			<0.5	12	22	5	<5	80	15	80
S1 L24+00N 23+00E			<5			<0.5	22	17	6	<5	98	9	42
S1 L24+00N 24+00E			<5			0.7	31	38	5	<5	62	15	103
S1 L24+00N 25+00E			<5			<0.5	<5	12	<5	<5	78	8	52
S1 L24+00N 26+00E			<5			0.6	<5	44	6	<5	59	7	57
S1 L24+00N 27+00E			<5			<0.5	28	43	6	<5	115	7	49
S1 L24+00N 28+00E			<5			<0.5	27	39	<5	6	58	11	75
S1 L24+00N 29+00E			<5			<0.5	13	39	<5	<5	48	11	52
S1 L24+00N 30+00E			<5			<0.5	9	41	6	<5	305	13	62
S1 L24+00N 31+00E			<5			<0.5	40	52	6	<5	315	13	86
S1 L24+00N 32+00E			<5			<0.5	22	33	6	<5	184	9	61
S1 L24+00N 33+00E			<5			<0.5	17	20	6	<5	108	4	41
S1 L24+00N 34+00E			<5			<0.5	14	22	<5	<5	78	5	48
S1 L24+00N 35+00E			<5			<0.5	17	26	<5	<5	65	5	42
S1 L24+00N 36+00E			<5			0.6	<5	22	<5	<5	79	6	49
S1 L24+00N 37+00E			<5			<0.5	22	21	6	<5	83	5	44
S1 L24+00N 38+00E			<5			<0.5	8	12	5	<5	122	5	27
S1 L24+00N 39+00E			<5			<0.5	11	29	<5	<5	121	8	47
S1 L24+00N 40+00E			<5	4.0	6.0	<0.5	27	76	8	<5	128	13	150
S1 L26+00N 15+00E			<5			<0.5	10	33	7	7	149	11	47
S1 L26+00N 16+00E			<5	4.0	6.0	1.1	<5	213	5	<5	141	14	185
S1 L26+00N 17+00E			<5			<0.5	19	53	7	<5	153	13	76
S1 L26+00N 18+00E			<5			<0.5	28	81	9	8	173	18	137
S1 L26+00N 19+00E			<5	7.0		<0.5	38	88	8	<5	155	16	141
S1 L26+00N 20+00E			<5			<0.5	7	58	5	<5	59	13	121
S1 L26+00N 21+00E			<5			<0.5	17	29	<5	<5	96	12	147
S1 L26+00N 22+00E			<5			<0.5	7	11	6	<5	89	8	39
S1 L26+00N 23+00E			<5			<0.5	22	24	5	<5	99	9	50
S1 L26+00N 24+00E			<5			<0.5	18	18	6	7	89	9	53
S1 L26+00N 25+00E			<5			<0.5	9	9	<5	<5	154	8	48
S1 L26+00N 26+00E			<5			<0.5	<5	23	9	5	111	12	57
S1 L26+00N 27+00E			<5			0.8	7	25	8	9	206	15	65
S1 L26+00N 28+00E			<5			<0.5	<5	16	10	<5	154	10	45
S1 L26+00N 29+00E			<5			<0.5	12	23	9	<5	98	7	40
S1 L26+00N 30+00E			<5			0.8	14	16	7	<5	195	7	64
S1 L26+00N 31+00E			<5			<0.5	<5	17	17	<5	149	8	40
S1 L26+00N 32+00E			<5			<0.5	18	19	10	7	182	11	93

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SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Au PPB	Au/wt G	Au/wt G	Ag PPM	As PPM	Cu PPM	Pb PPM	Sb PPM	Zn PPM	Co PPM	Ni PPM
S1 L26+00N 33+00E			<5			<0.5	<5	15	12	17	150	7	42
S1 L26+00N 34+00E			<5			0.5	<5	20	12	<5	100	7	35
S1 L26+00N 35+00E			<5			<0.5	<5	25	8	<5	101	7	52
S1 L28+00N 15+00E			<5			<0.5	10	23	13	<5	113	12	36
S1 L28+00N 16+00E			<5			0.6	13	19	12	<5	171	13	50
S1 L28+00N 17+00E			14			0.5	<5	42	9	<5	75	14	136
S1 L28+00N 18+00E			<5			1.0	7	31	16	<5	224	14	90
S1 L28+00N 19+00E			<5			<0.5	<5	18	10	<5	154	13	81
S1 L28+00N 20+00E			<5			<0.5	<5	19	11	<5	38	7	33
S1 L28+00N 21+00E			<5			<0.5	<5	6	14	<5	66	5	23
S1 L28+00N 22+00E			<5			<0.5	7	16	14	<5	67	7	27
S1 L28+00N 23+00E			<5			<0.5	23	20	10	<5	80	8	48
S1 L28+00N 24+00E			<5			0.5	16	29	10	<5	117	9	50
S1 L28+00N 25+00E			7			0.5	12	13	10	<5	85	8	62
S1 L28+00N 26+00E			<5			<0.5	23	22	15	<5	90	11	73
S1 L28+00N 27+00E			<5			0.7	12	21	<5	<5	82	8	33
S1 L28+00N 28+00E			<5			<0.5	<5	31	8	<5	237	12	88
S1 L28+00N 29+00E			<5			<0.5	23	26	10	<5	368	17	144
S1 L28+00N 30+00E			<5			<0.5	25	31	14	<5	194	9	50
S1 L28+00N 31+00E			<5			0.9	13	60	12	<5	365	16	158
S1 L28+00N 32+00E			38			<0.5	10	32	11	<5	191	13	58
S1 L28+00N 33+00E			<5			<0.5	23	60	19	<5	409	14	108
S1 L28+00N 34+00E			<5			<0.5	5	10	10	<5	78	7	40
S1 L28+00N 35+00E			<5			<0.5	<5	20	11	<5	141	9	41
* S1 L47+00N 15+00E			16			0.7	17	23	13	<5	171	6	33
S1 L47+00N 15+50E			13			<0.5	33	29	12	7	139	9	45
S1 L47+00N 16+00E			<5			0.7	10	43	16	12	174	11	71
S1 L47+00N 16+50E			<5			<0.5	53	50	12	<5	244	16	103
S1 L47+00N 17+00E			<5			<0.5	20	24	12	<5	105	6	48
S1 L47+00N 17+50E			<5			0.9	9	28	10	<5	149	9	54
S1 L47+00N 18+00E			<5			<0.5	12	18	7	<5	155	11	48
S1 L47+00N 18+50E			<5			0.5	22	15	9	<5	87	9	41
S1 L47+00N 19+00E			<5			<0.5	19	20	15	<5	121	9	52
S1 L47+00N 19+50E			<5			0.8	30	65	15	<5	170	19	106
S1 L47+00N 20+00E			<5			<0.5	22	28	17	<5	94	9	43
S1 L47+00N 20+50E			<5			0.7	27	23	14	9	90	8	41
S1 L47+00N 21+00E			<5			0.9	<5	30	16	<5	151	13	62
S1 L47+00N 21+50E			17			0.6	<5	39	12	<5	176	13	80
S1 L47+00N 22+00E			<5			<0.5	6	30	11	<5	228	13	62
S1 L47+00N 22+50E			<5			0.6	17	33	12	7	202	8	99

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SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Au PPB	Au/wt G	Au/wt G	Ag PPM	As PPM	Cu PPM	Pb PPM	Sb PPM	Zn PPM	Co PPM	Ni PPM
S1 L47+00N 23+00E			<5			<0.5	28	43	12	<5	348	15	125
S1 L47+00N 23+50E			<5			0.5	<5	30	15	<5	216	11	53
S1 L47+00N 24+00E			<5			<0.5	<5	23	13	<5	148	11	36
S1 L47+00N 24+50E			<5			<0.5	<5	16	13	<5	133	9	31
S1 L47+00N 25+00E			<5			<0.5	<5	23	11	<5	82	6	43
S1 L47+00N 25+50E			<5			<0.5	<5	12	9	<5	137	9	31
S1 L47+00N 26+00E			<5			<0.5	7	14	13	<5	107	5	51
S1 L47+00N 26+50E			<5			<0.5	17	17	<5	<5	147	9	44
S1 L47+00N 27+00E			7			<0.5	9	25	14	<5	110	10	47
S1 L47+00N 27+50E			<5			<0.5	25	31	11	<5	142	8	59
S1 L47+00N 28+00E			7			0.6	25	22	14	<5	66	8	73
S1 L47+00N 28+50E			<5			<0.5	<5	36	11	<5	111	11	80
S1 L47+00N 29+00E			<5			0.8	7	27	18	6	115	10	62
S1 L47+00N 29+50E			<5			1.3	8	129	18	<5	386	20	179
S1 L47+00N 30+00E			<5	4.0	6.0	1.0	11	62	13	<5	181	22	150
S1 L47+00N 30+50E			<5			<0.5	11	55	13	<5	153	23	180
S1 L47+00N 31+00E			<5			<0.5	8	53	19	6	193	23	164
S1 L47+00N 31+50E			<5			<0.5	<5	21	17	11	113	13	66
S1 L47+00N 32+00E			<5			0.6	19	46	16	<5	124	28	217
S1 L47+00N 32+50E			<5			<0.5	19	48	6	12	120	15	132
S1 L47+00N 33+00E			6			1.3	11	44	19	<5	143	22	146
S1 L47+00N 33+50E			<5	2.0	8.0	0.5	10	57	7	12	160	26	199
S1 L47+00N 34+00E			<5	6.0		0.8	19	51	13	<5	139	45	333
S1 L47+00N 34+50E			<5			<0.5	11	39	9	<5	97	17	138
S1 L47+00N 35+00E			<5	5.0		0.7	11	41	14	<5	126	27	232
S1 L49+00N 15+00E			<5			<0.5	27	40	20	16	339	9	64
S1 L49+00N 15+50E			<5			0.7	29	30	7	<5	191	7	46
S1 L49+00N 16+50E			<5			<0.5	17	24	6	13	75	4	58
S1 L49+00N 17+00E			<5			<0.5	29	29	6	<5	121	8	57
S1 L49+00N 17+50E			<5			<0.5	23	19	7	<5	263	11	44
S1 L49+00N 18+00E			<5			0.6	20	29	<5	<5	124	9	56
S1 L49+00N 18+50E			<5			<0.5	56	47	9	<5	472	10	83
S1 L49+00N 19+00E			<5			<0.5	30	18	7	<5	321	9	56
S1 L49+00N 19+50E			<5			<0.5	16	10	<5	<5	85	5	26
S1 L49+00N 20+00E			<5			<0.5	21	32	6	<5	150	11	80
S1 L49+00N 20+50E			<5			<0.5	37	41	7	<5	134	11	80
S1 L49+00N 21+00E			<5			<0.5	29	18	6	<5	157	8	45
S1 L49+00N 21+50E			<5			<0.5	30	23	7	<5	193	12	66
S1 L49+00N 22+00E			<5			0.5	17	23	8	13	215	11	55
S1 L49+00N 22+50E			<5			0.5	25	18	<5	<5	164	9	43

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SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Au PPB	Au/wt G	Au/wt G	Ag PPM	As PPM	Cu PPM	Pb PPM	Sb PPM	Zn PPM	Co PPM	Ni PPM
S1 L49+00N 23+00E			<5			<0.5	<5	39	9	6	206	15	88
S1 L49+00N 23+50E			<5			<0.5	<5	22	8	<5	136	9	61
S1 L49+00N 24+00E			<5			<0.5	24	15	6	13	155	7	49
S1 L49+00N 24+50E			<5			<0.5	21	30	7	<5	139	10	61
S1 L49+00N 25+00E			<5			0.5	39	43	7	12	211	17	85
S1 L49+00N 25+50E			<5			<0.5	36	41	6	<5	190	12	73
S1 L49+00N 26+00E			<5			<0.5	10	20	8	<5	156	6	56
S1 L49+00N 26+50E			<5			<0.5	38	37	6	6	139	12	66
S1 L49+00N 27+00E			5			<0.5	44	37	6	<5	154	14	50
S1 L49+00N 27+50E			<5			<0.5	30	21	6	13	119	9	57
S1 L49+00N 28+00E			5			0.6	28	57	8	<5	164	18	141
S1 L49+00N 28+50E			<5			<0.5	28	33	7	6	170	15	81
S1 L49+00N 29+00E			<5			<0.5	22	26	9	14	147	16	80
S1 L49+00N 29+50E			<5			<0.5	20	35	9	<5	190	16	106
S1 L49+00N 30+00E			<5			<0.5	37	24	6	12	131	12	77
S1 L49+00N 30+50E			<5			<0.5	32	21	6	9	94	12	74
S1 L49+00N 31+00E			<5			<0.5	27	37	<5	10	116	16	127
S1 L49+00N 31+50E			<5	7.0		0.5	54	44	8	23	158	18	148
S1 L49+00N 32+00E			<5			<0.5	19	18	7	<5	103	15	91
S1 L49+00N 32+50E			<5			<0.5	19	29	6	7	111	17	132
S1 L49+00N 33+00E			<5			<0.5	28	26	6	5	77	24	194
S1 L49+00N 33+50E			<5			<0.5	5	24	6	11	56	11	98
S1 L49+00N 34+00E			<5			<0.5	23	22	5	<5	106	13	114
S1 L49+00N 34+50E			<5			0.5	5	13	5	6	138	11	114
S1 L49+00N 35+00E			<5			<0.5	9	20	6	<5	104	12	84
S1 L51+00N 15+00E			<5			0.6	57	54	6	13	169	12	88
S1 L51+00N 15+50E			<5			<0.5	8	16	6	10	127	9	46
S1 L51+00N 16+00E			<5			0.5	22	36	<5	<5	190	11	69
S1 L51+00N 16+50E			<5			<0.5	46	47	8	32	236	15	107
S1 L51+00N 17+00E			<5			0.5	9	8	<5	14	225	10	54
S1 L51+00N 17+50E			23			<0.5	<5	22	5	11	162	8	40
S1 L51+00N 18+00E			<5			<0.5	11	17	<5	<5	88	8	37
S1 L51+00N 18+50E			<5			<0.5	<5	23	5	<5	123	7	43
S1 L51+00N 19+00E			<5			<0.5	<5	23	6	<5	101	10	46
S1 L51+00N 19+50E			<5			<0.5	<5	28	<5	11	101	12	85
S1 L51+00N 20+00E			<5			<0.5	12	11	7	<5	102	9	46
S1 L51+00N 20+50E			<5			<0.5	12	19	<5	<5	96	9	48
S1 L51+00N 21+00E			<5			<0.5	16	28	5	<5	209	12	53
S1 L51+00N 21+50E			7			<0.5	14	31	6	16	137	14	67
S1 L51+00N 22+00E			<5			<0.5	<5	26	7	8	104	11	56

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SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Au PPB	Au/wt G	Au/wt G	Ag PPM	As PPM	Cu PPM	Pb PPM	Sb PPM	Zn PPM	Co PPM	Ni PPM
S1 L51+00N 22+50E			<5			<0.5	<5	24	5	<5	143	10	62
S1 L51+00N 23+00E			<5			<0.5	6	11	5	10	100	6	43
S1 L51+00N 23+50E			<5			<0.5	11	19	6	<5	135	9	45
S1 L51+00N 24+00E			<5			<0.5	14	12	6	<5	116	7	24
S1 L51+00N 24+50E			<5			<0.5	23	23	6	<5	80	11	54
S1 L51+00N 25+00E			<5			<0.5	18	21	5	<5	145	13	47
S1 L51+00N 25+50E			<5			1.0	<5	88	9	<5	289	18	106
S1 L51+00N 26+00E			<5			0.7	<5	52	8	<5	276	20	118
S1 L51+00N 26+50E			<5			0.6	30	54	10	9	292	22	110
S1 L51+00N 27+00E			<5			0.7	37	39	10	8	136	25	117
S1 L51+00N 27+50E			<5			0.5	16	28	7	7	277	19	89
S1 L51+00N 28+00E			<5			<0.5	130	13	8	<5	126	15	157
S1 L51+00N 28+50E			<5			0.6	49	16	7	<5	110	10	70
S1 L51+00N 29+00E			<5			0.6	10	16	6	6	103	13	82
S1 L51+00N 29+50E			<5			<0.5	13	21	7	<5	77	12	69
S1 L51+00N 30+50E			<5			<0.5	<5	16	<5	9	99	13	68
S1 L51+00N 31+50E			<5			<0.5	<5	22	6	<5	81	13	93
S1 L51+00N 32+50E			<5			<0.5	13	17	6	7	89	17	100
S1 L51+00N 33+50E			<5			<0.5	<5	10	8	6	83	10	71
S1 L51+00N 34+50E			<5			<0.5	32	15	<5	<5	66	16	127
S1 L53+00N 15+00E			<5			<0.5	25	19	7	<5	226	12	61
S1 L53+00N 15+50E			<5			<0.5	37	16	7	<5	266	14	69
S1 L53+00N 16+00E			<5			<0.5	13	44	8	<5	226	15	53
S1 L53+00N 16+50E			<5			<0.5	<5	29	8	<5	146	10	36
S1 L53+00N 17+00E			<5			1.3	14	42	15	<5	118	10	27
S1 L53+00N 17+50E			<5			<0.5	13	32	7	7	115	9	43
S1 L53+00N 18+00E			<5			1.0	<5	56	8	9	91	11	51
S1 L53+00N 18+50E			<5			<0.5	14	15	8	<5	129	12	49
S1 L53+00N 19+00E			<5			<0.5	<5	30	21	<5	164	12	42
S1 L53+00N 19+50E			<5			0.6	22	33	6	<5	126	14	87
S1 L53+00N 20+00E			<5			<0.5	35	14	6	<5	138	10	48
S1 L53+00N 20+50E			<5			<0.5	<5	10	6	<5	155	12	41
S1 L53+00N 21+00E			<5			<0.5	<5	25	8	<5	139	12	62
S1 L53+00N 21+50E			<5			<0.5	6	33	6	<5	146	12	70
S1 L53+00N 22+00E			<5			<0.5	21	17	7	<5	150	10	53
S1 L53+00N 22+50E			<5			<0.5	<5	31	8	<5	126	12	57
S1 L53+00N 23+00E			<5			<0.5	<5	11	7	<5	111	9	66
S1 L53+00N 23+50E			<5			<0.5	21	24	6	<5	127	12	67
S1 L53+00N 24+00E			<5			0.5	11	19	7	<5	165	11	65
S1 L53+00N 24+50E			<5			0.5	46	61	12	<5	198	24	130

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Geochemical Lab Report

REPORT: V88-07864.0 | PROJECT: 88A | PAGE 7

SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Au PPB	Au/wt G	Au/wt G	Ag PPM	As PPM	Cu PPM	Pb PPM	Sb PPM	Zn PPM	Co PPM	Ni PPM
S1 L53+00N 25+50E			11			<0.5	<5	45	9	<5	179	20	106
S1 L53+00N 26+50E			56			<0.5	14	17	8	<5	104	13	57
S1 L53+00N 27+50E			<5			0.9	64	30	8	<5	135	23	146
S1 L53+00N 28+50E			<5			<0.5	104	47	8	21	147	25	263
S1 L53+00N 29+50E			<5			<0.5	<5	28	6	9	95	15	81
S1 L53+00N 30+50E			<5			<0.5	29	21	6	<5	89	17	93
S1 L53+00N 31+50E			<5			<0.5	24	17	6	<5	89	15	77
S1 L53+00N 32+50E			<5			<0.5	13	17	7	<5	81	10	72
S1 L53+00N 33+50E			<5			0.7	8	28	7	<5	92	14	91
S1 L53+00N 34+50E			<5			0.7	58	23	5	5	119	17	90
R2 70805		<5				<0.5	315	79	<5	15	58	39	595
R2 70806		<5				0.5	<5	24	<5	<5	28	111	3429
R2 70807		<5				<0.5	27	23	<5	65	11	4	32
R2 70808		<5				<0.5	<5	25	<5	82	8	3	13
R2 70809		<5				<0.5	<5	30	<5	20	29	4	15
R2 70810		<5				<0.5	<5	8	<5	14	14	4	14
R2 70811		<5				<0.5	32	12	<5	13	15	2	13
R2 70812		<5				<0.5	<5	<1	<5	<5	14	4	12
R2 70813		<5				<0.5	646	4	<5	26	16	78	1753
R2 70814		<5				<0.5	<5	3	<5	<5	21	<1	19
R2 70815		<5				<0.5	81	78	7	13	50	58	994
R2 70816		<5				0.7	242	15	10	17	21	54	971
R2 70817		<5				<0.5	<5	9	8	<5	18	2	21

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Geochemical Lab Report

REPORT: V88-01809.0 (COMPLETE)

REFERENCE INFO: SHIPMENT # 4

CLIENT: CIRCLE RESOURCES LTD.
PROJECT: 88A

SUBMITTED BY: B. FRASER
DATE PRINTED: 5-OCT-88

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au 30g	Gold 30 grams	28	5 PPB	FIRE-ASSAY	Fire Assay AA
2	Ag	Silver	28	0.5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
3	As	Arsenic	28	5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
4	Cu	Copper	28	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
5	Pb	Lead	28	5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
6	Sb	Antimony	28	5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
7	Zn	Zinc	28	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
8	Co	Cobalt	28	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
9	Ni	Nickel	28	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK OR BED ROCK	28	2 -150	28	CRUSH,PULVERIZE -150	28
				FAX CHARGE	1

REPORT COPIES TO: MR. BRYAN M. FRASER
MR. FERGUS GRAHAM

INVOICE TO: MR. BRYAN M. FRASER

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Geochemical Lab Report

REPORT: V88-08109.0 | PROJECT: 88A | PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Ag PPM	As PPM	Cu PPM	Pb PPM	Sb PPM	Zn PPM	Co PPM	Ni PPM
R2 70779		<5	0.7	19	22	<5	<5	20	6	7
R2 70780		7	<0.5	88	<1	<5	<5	9	3	1
R2 70781		<5	0.9	375	6	<5	10	15	50	999
R2 70782		12	0.6	94	13	<5	6	21	6	33
R2 70783		<5	<0.5	<5	44	<5	<5	49	22	29
R2 70784		<5	0.6	30	4	<5	<5	28	5	2
R2 70785		<5	<0.5	15	3	<5	6	17	<1	3
R2 70786		8	<0.5	735	34	<5	24	27	51	614
R2 70787		<5	0.8	461	52	<5	35	47	29	251
R2 70788		6	<0.5	125	224	<5	50	20	28	168
R2 70789		6	0.8	286	28	<5	32	53	37	600
R2 70790		<5	0.8	140	61	<5	23	70	39	351
R2 70791		<5	<0.5	109	12	<5	12	47	8	92
R2 70792		5	0.5	339	36	<5	23	52	44	656
R2 70793		<5	<0.5	62	30	<5	17	23	8	38
R2 70794		<5	0.8	171	25	<5	14	45	29	397
R2 70795		<5	0.6	40	34	<5	10	39	40	526
R2 70796		<5	0.7	422	37	<5	20	56	41	597
R2 70797		6	0.6	367	39	5	20	48	42	568
R2 70798		<5	<0.5	104	11	<5	12	31	28	435
R2 70799		10	0.9	481	6	<5	12	16	42	748
R2 70800		<5	0.8	179	5	<5	10	19	40	647
R2 70951		10	1.0	420	6	<5	19	9	56	961
R2 70952		9	0.6	244	7	<5	12	13	55	1067
R2 70953		8	0.7	425	10	<5	15	22	61	1015
R2 70954		7	0.8	483	4	<5	10	12	54	977
R2 70955		8	0.8	145	13	<5	12	8	55	1100
R2 70956		16	0.6	752	9	<5	23	11	61	1141

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Geochemical Lab Report

REPORT: V88-08629.0 (COMPLETE)

REFERENCE INFO: SHIPMENT #5

CLIENT: CIRCLE RESOURCES LTD.
PROJECT: 88A

SUBMITTED BY: B. FRASER
DATE PRINTED: 14-OCT-88

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au 30g	Gold 30 grams	4	5 PPB	FIRE-ASSAY	Fire Assay AA
2	Ag	Silver	4	0.5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
3	As	Arsenic	4	5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
4	Cu	Copper	4	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
5	Pb	Lead	4	5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
6	Sb	Antimony	4	5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
7	Zn	Zinc	4	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
8	Co	Cobalt	4	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
9	Ni	Nickel	4	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK OR BED ROCK	4	2 -150	4	CRUSH,PULVERIZE -150	4

REPORT COPIES TO: MR. BRYAN M. FRASER
MR. FERGUS GRAHAM

INVOICE TO: MR. BRYAN M. FRASER
MR. FERGUS GRAHAM

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Geochemical Lab Report

REPORT: V88-08629.0 | PROJECT: 88A | PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Ag PPM	As PPM	Cu PPM	Pb PPM	Sb PPM	Zn PPM	Co PPM	Ni PPM
R2 70851		<5	<0.5	40	4	12	<5	8	2	5
R2 70957		<5	<0.5	28	40	56	6	20	48	1012
R2 70958		<5	<0.5	38	70	12	<5	38	6	33
R2 70959		<5	<0.5	52	83	15	6	55	16	34

BC PROPERTY ... PROJECT : 88B

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A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

Geochemical Lab Report

REPORT: V90-02599.0 (COMPLETE)

REFERENCE INFO:

CLIENT: MS. KAY McMAHON
PROJECT: QUESNEL

SUBMITTED BY: F. GRAHAM
DATE PRINTED: 16-NOV-90

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au 30g	Gold 30 grams	21	5 PPB	Fire-Assay	Fire Assay AA
2	Ag	Silver	21	0.2 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
3	Cu	Copper	21	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
4	Pb	Lead	21	2 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
5	Zn	Zinc	21	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
6	Mo	Molybdenum	21	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
7	Ni	Nickel	21	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
8	Co	Cobalt	21	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
9	Cd	Cadmium	21	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
10	Bi	Bismuth	21	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
11	As	Arsenic	21	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
12	Sb	Antimony	21	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
13	Fe	Iron	21	0.01 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
14	Mn	Manganese	21	0.01 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
15	Te	Tellurium	21	10 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
16	Ba	Barium	21	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
17	Cr	Chromium	21	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
18	V	Vanadium	21	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
19	Sn	Tin	21	20 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
20	W	Tungsten	21	10 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
21	La	Lanthanum	21	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
22	Al	Aluminum	21	0.02 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
23	Mg	Magnesium	21	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
24	Ca	Calcium	21	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
25	Na	Sodium	21	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
26	K	Potassium	21	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
27	Sr	Strontium	21	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
28	Y	Yttrium	21	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma

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A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

Geochemical Lab Report

REPORT: V90-02599.0

DATE PRINTED: 16-NOV-90
PROJECT: QUESNEL PAGE 1A

SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM
D2 BN90-1 20-30		<5	0.6	30	<2	81	<1	5	26	<1	<5	6
D2 BN90-1 40-50		<5	0.3	79	<2	37	<1	292	33	<1	<5	6
D2 BN90-1 60-70		15	0.3	60	3	65	3	474	37	<1	<5	221
D2 BN90-1 80-85		6	0.4	32	4	39	<1	646	37	<1	<5	19
D2 BN90-1 85-90		<5	0.5	54	3	54	<1	171	34	<1	<5	16
D2 BN90-1 90-100		<5	0.4	39	5	73	<1	133	29	<1	<5	37
D2 BN90-1 100-102		8	0.5	63	3	94	<1	195	39	<1	<5	134
D2 BN90-2 60-70		<5	0.3	62	4	22	<1	813	50	<1	<5	10
D2 BN90-2 80-90		<5	0.6	56	<2	52	<1	42	31	<1	<5	10
D2 BN90-2 90-92		<5	0.4	13	<2	16	<1	544	50	<1	<5	<5
D2 BN90-2 100-110		<5	0.4	66	8	83	3	254	26	<1	<5	20
D2 BN90-2 120-130		67	0.4	49	2	110	9	626	40	3	<5	421
D2 BN90-2 135-145		42	0.6	50	6	80	5	34	7	<1	<5	25
D2 BN90-2 152-162		22	0.6	75	7	66	3	392	26	<1	<5	67
D2 BN90-2 162-172		<5	0.5	88	2	95	<1	161	34	<1	<5	11
D2 BN90-2 172-182		<5	0.5	68	4	92	3	163	28	<1	<5	10
D2 BN90-2 200-210		104	0.5	61	5	135	13	156	16	<1	<5	43
D2 BN90-2 220-230		<5	0.3	33	4	37	1	950	52	<1	<5	44
D2 BN90-2 230-240		<5	0.4	56	2	65	2	798	50	<1	<5	31

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Geochemical Lab Report

REPORT: V90-02599.0

DATE PRINTED: 16-NOV-90
PROJECT: QUFSNFI

SAMPLE NUMBER	ELEMENT UNITS	Sb PPM	Fe PCT	Mn PCT	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT
D2 BN90-1 20-30		<5	9.32	0.10	<10	223	10	298	<20	<10	<1	4.47
D2 BN90-1 40-50		<5	5.31	0.07	<10	244	408	97	<20	<10	<1	3.38
D2 BN90-1 60-70		84	5.75	0.08	<10	362	194	67	<20	<10	3	1.22
D2 BN90-1 80-85		7	4.54	0.06	<10	592	236	46	<20	<10	6	0.76
D2 BN90-1 85-90		13	6.56	0.11	<10	490	179	87	<20	<10	26	2.26
D2 BN90-1 90-100		23	6.44	0.10	<10	520	93	78	<20	<10	10	1.13
D2 BN90-1 100-102		59	8.52	0.10	<10	164	68	69	<20	<10	2	0.76
D2 BN90-2 60-70		7	3.14	0.04	<10	469	729	47	<20	<10	<1	2.53
D2 BN90-2 80-90		<5	8.73	0.09	<10	958	59	234	<20	<10	<1	4.58
D2 BN90-2 90-92		<5	4.86	0.09	<10	220	318	64	<20	<10	<1	1.08
D2 BN90-2 100-110		14	5.26	0.08	<10	230	187	68	<20	<10	6	1.29
D2 BN90-2 120-130		488	4.73	0.07	<10	194	216	41	<20	<10	5	0.66
D2 BN90-2 135-145		24	2.36	0.05	<10	134	127	21	<20	<10	4	0.54
D2 BN90-2 152-162		58	4.13	0.05	<10	87	308	52	<20	<10	6	1.41
D2 BN90-2 162-172		<5	8.69	0.10	<10	379	158	149	<20	<10	8	2.55
D2 BN90-2 172-182		12	6.78	0.08	<10	385	95	84	<20	<10	6	1.34
D2 BN90-2 200-210		31	3.36	0.05	<10	83	138	34	<20	<10	4	0.90
D2 BN90-2 220-230		58	5.52	0.07	<10	170	316	40	<20	<10	2	0.45
D2 BN90-2 230-240		38	6.48	0.09	<10	304	414	101	<20	<10	6	2.85
D2 BNR90-1		<5	0.64	0.14	<10	92	158	10	<20	<10	7	0.22
X2 SL90-1 0-144		<5	4.99	0.06	<10	200	78	103	<20	<10	8	2.46

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Geochemical Lab Report

REPORT: V90-02599.0

DATE PRINTED: 16-NOV-90
PROJECT: QUESNEL PAGE 1C

SAMPLE NUMBER	ELEMENT UNITS	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
D2 BN90-1 20-30		2.43	5.87	<0.05	<0.05	57	11
D2 BN90-1 40-50		6.78	6.29	<0.05	0.06	88	7
D2 BN90-1 60-70		9.44	5.53	<0.05	0.13	244	8
D2 BN90-1 80-85		9.38	4.97	<0.05	0.07	200	5
D2 BN90-1 85-90		7.54	8.24	<0.05	0.23	251	10
D2 BN90-1 90-100		5.39	7.74	<0.05	0.14	294	10
D2 BN90-1 100-107		5.39	7.31	<0.05	0.20	238	13
D2 BN90-2 60-70		4.82	4.27	<0.05	0.06	61	3
D2 BN90-2 80-90		4.35	4.11	<0.05	<0.05	87	5
D2 BN90-2 90-92		6.30	>10.00	<0.05	<0.05	171	6
D2 BN90-2 100-110		5.00	3.08	<0.05	0.28	112	7
D2 BN90-2 120-130		>10.00	4.17	<0.05	0.23	199	7
D2 BN90-2 135-145		1.80	3.63	<0.05	0.23	126	8
D2 BN90-2 152-162		6.73	2.53	<0.05	0.19	142	7
D2 BN90-2 162-172		5.62	4.60	<0.05	0.11	133	15
D2 BN90-2 172-182		4.81	5.77	<0.05	0.22	150	13
D2 BN90-2 200-210		3.11	3.56	<0.05	0.24	117	9
D2 BN90-2 220-230		>10.00	3.32	<0.05	0.09	212	4
D2 BN90-2 230-240		>10.00	2.65	<0.05	<0.05	158	8
D2 BNR90-1		0.34	>10.00	<0.05	0.07	100	6
X? SI 90-1 0-144		1.73	4.10	0.11	0.21	138	12

Assaye Canada
8282 Sherbrooke St., Vancouver, B.C., V5X 4R6
Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 1V0469 RJ
Date : Nov-07-01

Attention: Bernard Kahlert
Project:
Sample: rock

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
86851	<0.2	2.27	<5	190	<0.5	<5	1.32	<1	20	71	164	5.55	0.01	1.81	330	<2	0.04	18	260	8	5	4	<10	95	0.12	153	<10	3	27	2
86852	<0.2	0.32	270	100	0.5	<5	2.02	<1	30	514	31	5.31	0.14	11.63	790	<2	0.03	861	300	8	20	11	<10	101	<0.01	47	<10	4	38	1
86853	<0.2	0.11	215	80	<0.5	<5	0.56	<1	35	520	8	4.08	0.03	>15.00	555	<2	0.03	907	50	8	15	5	<10	38	<0.01	22	<10	<1	20	<1
86854	<0.2	0.03	65	40	<0.5	<5	0.24	<1	35	357	4	3.93	0.01	>15.00	410	<2	0.02	983	30	4	15	4	<10	7	<0.01	12	<10	<1	21	<1
86855	<0.2	0.03	140	40	<0.5	<5	0.15	<1	30	201	13	3.59	0.01	>15.00	660	<2	0.02	886	40	8	10	3	<10	7	<0.01	11	<10	<1	49	<1
86856	<0.2	0.06	85	50	<0.5	<5	0.26	<1	44	471	4	3.97	0.01	>15.00	515	<2	0.02	951	40	6	10	6	<10	2	<0.01	15	<10	<1	18	<1
86857	<0.2	0.29	5	220	0.5	<5	0.08	<1	<1	75	40	1.35	0.28	0.13	45	2	0.02	13	180	12	<5	3	<10	19	0.13	11	<10	1	31	2
86858	<0.2	0.32	35	120	<0.5	<5	5.04	<1	2	140	25	4.97	0.19	2.73	660	<2	0.03	38	590	8	25	12	<10	117	<0.01	37	<10	6	50	1

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H20.

Signed: _____

Assayers Canada
8282 Sherbrooke St.
Vancouver, B.C.
V5X 4R6
Tel: (604) 327-3436
Fax: (604) 327-3423

Quality Assaying for over 25 Years

Geochemical Analysis Certificate

1V-0469-RG1

Company:
Project:
Attn: Bernard Kahlert

Nov-07-01

We *hereby certify* the following geochemical analysis of 8 rock samples submitted Oct-31-01

Sample Name	Au ppb
86851	13
86852	2
86853	3
86854	4
86855	4
86856	20
86857	2
86858	24

Certified by _____

ASSAYERS CANADA

Assayers Canada
8282 Sherbrooke St.
Vancouver, B.C.
V5X 4R6
Tel: (604) 327-3436
Fax: (604) 327-3423

Quality Assaying for over 25 Years

Geochemical Analysis Certificate

5V-0210-RG1

Company: **Commander Resources Ltd.**
Project:
Attn: Bernard Kahlert

Apr-21-05

We *hereby certify* the following geochemical analysis of 11 rock samples submitted Apr-15-05

Sample Name	Au PPB
B-02-05	7
B-03-05	5
B-04-05	55
B-05-05	127
B-06-05	10
B-07A-05	46
B-07B-05	60
B-08-05	2
B-09-05	2
B-10-05	4
B-11-05	6

Certified by _____

Assayers Canada
8282 Sherbrooke St., Vancouver, B.C., V5X 4R6
Tel: (604) 327-3436 Fax: (604) 327-3423

Commander Resources Ltd.
Attention: Bernard Kahlert
Project:
Sample: rock

Report No 5V0210 RJ
Date : Apr-21-05

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
B-02-05	<0.2	2.45	<5	332	<0.5	<5	2.08	<1	23	102	24	4.30	0.03	1.62	672	<2	0.05	32	494	<2	6	10	<10	25	0.21	147	<10	15	63	6
B-03-05	<0.2	2.21	<5	154	<0.5	<5	1.39	<1	17	69	23	4.59	0.08	1.31	706	<2	0.09	14	602	<2	<5	9	<10	8	0.17	117	<10	12	72	4
B-04-05	<0.2	0.06	652	251	<0.5	<5	4.83	<1	51	312	35	4.52	0.03	>15.00	768	<2	0.03	685	71	<2	70	6	<10	357	<0.01	24	<10	<1	11	19
B-05-05	<0.2	0.03	981	57	<0.5	<5	1.39	<1	77	549	45	4.77	0.02	>15.00	729	<2	0.01	1116	42	3	67	7	<10	109	<0.01	24	<10	<1	14	4
B-06-05	<0.2	0.44	234	161	<0.5	<5	4.88	<1	52	281	51	5.87	0.11	6.66	1065	<2	0.01	518	398	4	163	14	<10	168	<0.01	87	<10	8	69	6
B-07A-05	<0.2	0.20	23	390	<0.5	<5	9.19	<1	7	85	28	3.48	0.09	4.12	753	<2	0.02	38	830	<2	21	5	<10	200	<0.01	28	<10	4	32	2
B-07B-05	<0.2	0.49	91	186	<0.5	<5	4.71	<1	30	60	86	7.21	0.19	2.55	1251	<2	0.03	100	835	<2	59	20	<10	133	<0.01	73	<10	10	91	5
B-08-05	<0.2	0.05	<5	25	<0.5	<5	0.05	<1	2	140	7	0.28	0.02	0.03	43	<2	<0.01	9	20	<2	<5	<1	<10	1	<0.01	3	<10	<1	5	1
B-09-05	<0.2	4.96	<5	419	<0.5	<5	4.47	<1	52	222	57	5.08	0.17	5.35	1095	<2	0.02	144	75	<2	<5	25	<10	38	0.03	93	<10	3	46	5
B-10-05	<0.2	0.48	132	81	<0.5	<5	3.83	<1	50	402	26	4.41	0.06	11.67	905	<2	<0.01	799	144	<2	17	9	<10	282	<0.01	54	<10	4	24	3
B-11-05	<0.2	0.09	<5	58	<0.5	<5	0.28	<1	101	342	4	5.47	<0.01	11.05	478	<2	<0.01	776	38	3	8	6	<10	20	<0.01	20	<10	<1	16	3

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H20.

Signed:

ASSAYERS CANADA

8282 Sherbrooke Street
Vancouver, B.C
Canada V5X 4R
Tel: 604 327-343
Fax: 604 327-3423

Procedure Summary:

Gold (Au) Geochemical Analysis

Element(s) Analyzed:

Gold (Au)

Procedure:

The samples are fluxed, silver is added and mixed. The assays are fused in batches of 24 assays along with a natural standard and a blank. This batch of 26 assays is carried through the whole procedure as a set. After cupellation the precious metal beads are transferred into new glassware, dissolved with aqua regia solution, diluted to volume and mixed.

These resulting solutions are analyzed on an atomic absorption spectrometer using a suitable standard set. The natural standard fused along with this set must be within 2 standard deviations of its known or the whole set is re-assayed.

A minimum of 10% of all assays are rechecked, then reported in parts per billion (ppb).

Detection Limit: 1ppb

ASSAYERS CANADA

8282 Sherbrooke Street
Vancouver, B.C
Canada V5X 4R
Tel: 604 327-343
Fax: 604 327-3423

Procedure Summary:

30 Element Aqua Regia Leach ICP-AES

Elements Analyzed:

Ag, Al, As, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, K, Li, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Sn, Sr, Th, Ti, U, W, Zn

Procedure:

0.500 grams of the sample pulp is digested for 2 hours at 95°C with a 3:1 $HCl:HNO_3$ mixture. After cooling, the sample is diluted to 25mL with deionized water.

The solutions are analyzed by Inductively Coupled Plasma-Atomic Emission Spectra using standard operating conditions.

Detection limit and analytical range are element specific.

ASSAYERS CANADA

8282 Sherbrooke Street,
Vancouver, B.C.
Canada V5X 4R6
Tel: 604 327-3436
Fax: 604 327-3423

Procedure Summary:

30 Element Aqua Regia Leach ICP-AES

Elements Analyzed:

Ag, Al, As, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, S, Sb, Sc, Sr, Th, Ti, Tl, U, V, W, Zn, Zr

Procedure:

0.500 grams of the sample pulp is digested for 2 hours at 95°C with a 3:1 $HCl:HNO_3$ mixture. After cooling, the sample is diluted to 25mL with deionized water.

The solutions are analyzed by Inductively Coupled Plasma-Atomic Emission Spectra using standard operating conditions.

Each batch has 24 samples, 3 duplicates, one blank and two standards. Each batch will be rerun if the duplicates or the standards do not match the expected values.

Detection limit and analytical range are element specific.

ASSAYERS CANADA

8282 Sherbrooke Street,
Vancouver, B.C.
Canada V5X 4R6
Tel: 604 327-3436
Fax: 604 327-3423

Procedure Summary:

Gold (Au) Geochemical Analysis

Element(s) Analyzed:

Gold (Au)

Procedure:

The samples are fluxed, silver is added and mixed. The assays are fused in batches of 24 assays along with a natural standard and a blank. This batch of 26 assays is carried through the whole procedure as a set. After cupellation the precious metal beads are transferred into new glassware, dissolved with aqua regia solution, diluted to volume and mixed.

These resulting solutions are analyzed on an atomic absorption spectrometer using a suitable standard set. The natural standard fused along with this set must be within 2 standard deviations of its known or the whole set is re-assayed.

A minimum of 10% of all assays are rechecked, then reported in parts per billion (ppb).

Detection Limit: 1ppb

ASSAYERS CANADA

8282 Sherbrooke Street,
Vancouver, B.C.
Canada V5X 4R6
Tel: 604 327-3436
Fax: 604 327-3423

Procedure Summary:

Geochem Mercury

Elements Analyzed:

Hg

Procedure:

0.500 grams of the sample pulp is digested for 2 hours at 95°C with a 3:1 $HCl:HNO_3$ mixture. After cooling, the sample is diluted to 25mL with deionized water.

The samples are reduced by SnCl2 to create Mercury vapour which is detected by Atomic Absorption.

Each batch has 24 samples, 3 duplicates, one blank and two standards. Each batch will be rerun if the duplicates or the standards do not match the expected values.

Detection limit:

5 ppb Hg

Assayers Canada
8282 Sherbrooke St.
Vancouver, B.C.
V5X 4R6
Tel: (604) 327-3436
Fax: (604) 327-3423

Quality Assaying for over 25 Years

Geochemical Analysis Certificate

7V-2190-RG1

Company: **Bernard Kahlert**
Project:
Attn: Bernard h Kahlert

Nov-01-07

We *hereby certify* the following geochemical analysis of 13 rock samples submitted Oct-17-07

Sample Name	Au ppb	Hg ppb
B-07-01	4	14
B-07-02	1	41
B-07-03A	2	45
B-07-03B	4	48
B-07-04A	3	12
B-07-04B	2	<5
B-07-05A	29	548
B-07-05B	31	576
B-07-06A	10	125
B-07-06B	13	142
B-07-07	6	<5
B-07-08A	3	<5
B-07-08B	2	<5
*DUP B-07-01	3	12
*DUP B-07-06B	10	145
*0701	405	
*STSD-1	<1	105
*BLANK		<5

Certified by _____

Assayers Canada
8282 Sherbrooke St., Vancouver, B.C., V5X 4R6
Tel: (604) 327-3436 Fax: (604) 327-3423

Bernard Kahlert
Attention: Bernard h Kahlert
Project:
Sample type:

Report No : 7V2190RJ
Date : Nov-01-07

Multi-Element ICP-AES Analysis

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
B-07-01	<0.2	3.73	5	193	<0.5	<5	2.18	3	32	52	42	6.00	<1	0.08	<10	2.24	960	<2	0.03	28	443	18	0.01	<5	13	2	<5	0.33	<10	<10	230	<10	101	10
B-07-02	<0.2	2.70	<5	562	<0.5	<5	2.73	2	30	203	7	4.91	1	0.14	<10	2.28	953	<2	0.03	70	472	<2	0.01	5	25	15	<5	0.07	<10	<10	159	<10	45	5
B-07-03A	<0.2	2.58	<5	166	<0.5	<5	3.55	1	25	278	<1	3.88	<1	0.11	<10	1.86	892	<2	0.03	84	218	<2	<0.01	9	21	14	<5	0.01	<10	<10	106	<10	34	3
B-07-03B	<0.2	2.68	<5	135	<0.5	<5	3.11	2	28	221	3	5.01	1	0.12	<10	2.02	999	<2	0.03	80	396	<2	<0.01	6	25	20	<5	<0.01	<10	<10	152	<10	51	3
B-07-04A	<0.2	3.82	<5	105	<0.5	<5	3.65	1	22	186	9	3.08	<1	0.05	<10	1.95	562	<2	0.02	58	200	<2	<0.01	<5	9	4	<5	0.18	<10	12	111	<10	29	6
B-07-04B	<0.2	3.45	<5	56	<0.5	<5	3.98	1	18	204	3	2.41	<1	0.02	<10	1.62	487	<2	0.02	53	119	<2	<0.01	<5	8	9	<5	0.18	<10	11	96	<10	19	6
B-07-05A	<0.2	0.11	288	55	<0.5	<5	2.85	2	40	401	32	4.33	<1	0.02	<10	14.68	678	<2	0.01	724	48	2	0.02	102	8	143	<5	0.01	<10	13	28	<10	9	3
B-07-05B	<0.2	0.03	359	77	<0.5	<5	3.86	2	49	452	60	4.58	<1	0.02	<10	>15.00	697	<2	0.01	767	44	3	0.01	123	11	192	<5	<0.01	<10	13	30	<10	8	4
B-07-06A	<0.2	0.04	365	88	<0.5	<5	0.51	1	57	405	<1	4.18	<1	0.02	<10	>15.00	614	<2	0.01	776	37	2	0.09	106	6	3	<5	<0.01	<10	<10	23	<10	6	2
B-07-06B	<0.2	0.06	570	96	<0.5	<5	0.44	1	47	383	<1	3.86	<1	0.03	<10	14.99	563	<2	0.01	823	32	4	0.04	257	7	2	<5	<0.01	<10	<10	23	<10	5	2
B-07-07	<0.2	4.74	<5	98	<0.5	<5	2.06	3	58	91	149	7.61	1	0.02	<10	3.23	597	<2	0.03	134	45	<2	0.07	<5	13	4	<5	0.22	<10	21	626	11	42	5
B-07-08A	<0.2	1.76	<5	157	<0.5	<5	0.68	1	14	76	29	2.99	1	0.43	<10	1.01	467	<2	0.06	12	725	<2	0.03	<5	5	85	<5	0.19	<10	<10	81	<10	43	2
B-07-08B	<0.2	0.46	<5	47	<0.5	<5	0.11	1	5	233	30	1.29	1	0.09	<10	0.27	129	<2	0.02	9	191	2	0.09	<5	1	1	<5	0.06	<10	<10	22	<10	11	1

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95°C for 2 hours and diluted to 25ml.

Signed: _____

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

www.acmelab.com

Client: **OHG Resources Inc.**
3 - 22268 - 116th Ave.
Maple Ridge BC V2X 1P5 Canada

Submitted By: Claus Andrup
Receiving Lab: Canada-Vancouver
Received: November 02, 2010
Report Date: November 24, 2010
Page: 1 of 2

CERTIFICATE OF ANALYSIS VAN10005966.1

CLIENT JOB INFORMATION

Project: Cortez
Shipment ID: OHG#1
P.O. Number CA001
Number of Samples: 25

SAMPLE DISPOSAL

RTRN-PLP Return

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	25	Crush, split and pulverize 250 g rock to 200 mesh			VAN
1DX1	24	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN
4A02	1	LiBO2/Li2B4O7 fusion ICP-ES analysis	0.2	Completed	VAN

ADDITIONAL COMMENTS

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

Invoice To: OHG Resources Inc.
3 - 22268 - 116th Ave.
Maple Ridge BC V2X 1P5
Canada

CC: George Read

BRITISH COLUMBIA CERTIFIED ASSAYER
RAYMOND CHAN
CHIEF ASSAYER

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.
"*" 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: **OHG Resources Inc.**
3 - 22268 - 116th Ave.
Maple Ridge BC V2X 1P5 Canada

Project: Cortez
Report Date: November 24, 2010

CERTIFICATE OF ANALYSIS VAN10005966.1

	Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	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	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
01A	Rock	0.14	<0.1	51.4	0.3	21	<0.1	37.3	17.8	396	1.96	<0.5	<0.1	<0.5	<0.1	5	<0.1	<0.1	<0.1	33	1.71
01B	Rock	0.08	0.1	46.9	0.5	24	<0.1	43.6	21.0	498	2.57	<0.5	<0.1	<0.5	<0.1	8	<0.1	<0.1	<0.1	37	2.22
02A	Rock	0.05	0.1	17.5	0.5	6	<0.1	887.2	43.5	425	3.61	17.7	<0.1	1.7	<0.1	41	<0.1	81.5	<0.1	17	0.58
02B	Rock	0.17	<0.1	14.5	0.3	7	<0.1	866.1	39.3	432	3.63	14.5	<0.1	<0.5	<0.1	21	<0.1	49.4	<0.1	17	0.25
03A	Rock	0.21	0.2	47.2	0.4	6	<0.1	378.1	31.0	429	2.62	311.0	<0.1	31.9	<0.1	70	<0.1	45.3	<0.1	10	1.11
03B	Rock	0.13	0.2	47.2	0.4	7	<0.1	462.4	36.3	453	2.91	455.8	<0.1	73.6	<0.1	51	<0.1	76.3	<0.1	9	0.82
04A	Rock	0.23	1.3	42.8	1.2	17	<0.1	51.9	5.9	180	1.00	109.0	0.3	17.9	0.3	110	0.2	35.3	<0.1	8	1.66
04B	Rock	0.05	1.0	25.7	0.9	8	<0.1	24.0	3.0	115	0.64	60.6	0.1	11.5	0.2	74	0.1	34.8	<0.1	5	1.24
05A	Rock	0.18	0.3	8.0	0.5	12	<0.1	11.9	3.0	243	0.66	36.5	0.1	10.5	0.1	147	<0.1	10.1	<0.1	6	2.75
05B	Rock	0.25	0.4	7.4	0.8	12	<0.1	11.6	3.1	271	0.76	40.9	0.2	6.8	0.2	176	<0.1	9.8	<0.1	8	3.11
06A	Rock	0.32	0.8	12.0	0.7	5	<0.1	22.7	3.0	114	0.57	56.7	0.3	11.8	0.2	128	<0.1	27.9	<0.1	5	1.60
06B	Rock	0.34	1.4	17.1	0.7	5	<0.1	18.2	2.8	112	0.54	39.4	0.2	5.3	0.2	122	<0.1	27.8	<0.1	5	1.54
07A	Rock	0.09	0.1	17.9	0.5	20	<0.1	925.5	56.5	577	3.53	242.9	<0.1	1.3	<0.1	103	<0.1	5.7	<0.1	38	1.08
07B	Rock	0.22	0.1	17.6	0.7	22	<0.1	960.0	58.9	595	3.51	324.9	<0.1	0.8	<0.1	107	<0.1	7.5	<0.1	32	1.22
08A	Rock	0.06	0.1	10.3	0.4	7	<0.1	1049	70.5	578	3.60	166.6	<0.1	<0.5	<0.1	11	<0.1	6.8	<0.1	20	0.25
08B	Rock	0.10	<0.1	10.9	0.7	8	<0.1	699.4	41.0	618	3.56	69.5	<0.1	0.7	<0.1	156	<0.1	6.3	<0.1	17	1.74
09A	Rock	0.10	<0.1	4.1	0.3	13	<0.1	1064	104.3	549	3.70	9.4	<0.1	<0.5	<0.1	3	<0.1	0.4	<0.1	8	0.07
09B	Rock	0.18	<0.1	3.6	0.3	13	<0.1	912.2	97.4	877	3.76	7.6	<0.1	<0.5	<0.1	7	<0.1	0.4	<0.1	7	0.24
10A	Rock	0.09	0.6	24.4	4.8	53	<0.1	102.1	12.1	404	1.09	257.6	<0.1	0.5	0.1	8	0.2	20.1	<0.1	7	0.01
10B	Rock	0.18	0.2	15.9	1.6	16	0.2	13.2	1.8	73	0.46	4.0	<0.1	0.6	0.3	7	0.2	3.1	<0.1	6	0.06
11A	Rock	0.08	0.2	7.9	0.7	7	<0.1	758.6	46.9	692	3.27	63.2	<0.1	0.6	<0.1	144	<0.1	3.2	<0.1	18	2.30
11B	Rock	0.10	0.2	9.0	0.5	10	<0.1	1505	74.3	697	3.75	136.5	<0.1	<0.5	<0.1	20	<0.1	1.7	<0.1	27	0.38
12A	Rock	0.06	0.4	32.2	9.0	54	<0.1	43.0	12.0	981	2.94	41.4	0.2	2.0	1.5	505	0.2	7.6	<0.1	24	4.73
12B	Rock	0.14	0.4	33.1	9.3	57	<0.1	36.7	12.8	891	2.92	39.1	0.2	2.0	1.6	410	0.2	6.9	<0.1	26	3.98
12C	Rock	0.14	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Client: **OHG Resources Inc.**
3 - 22268 - 116th Ave.
Maple Ridge BC V2X 1P5 Canada

Project: Cortez
Report Date: November 24, 2010

CERTIFICATE OF ANALYSIS VAN10005966.1

		Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	4A	4A
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	SiO2	Al2O3
		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	0.1	0.05	1	0.5	0.2	0.01	0.01
01A	Rock		0.002	<1	34	2.59	25	0.018	<20	3.09	0.046	0.01	<0.1	<0.01	4.1	<0.1	<0.05	4	<0.5	<0.2	N.A.	N.A.
01B	Rock		<0.001	<1	42	3.25	29	0.018	<20	4.15	0.058	0.03	<0.1	<0.01	4.7	<0.1	<0.05	5	<0.5	<0.2	N.A.	N.A.
02A	Rock		<0.001	<1	427	15.65	90	<0.001	<20	0.14	0.005	0.02	0.2	1.03	5.2	<0.1	<0.05	<1	<0.5	<0.2	N.A.	N.A.
02B	Rock		<0.001	<1	550	16.89	152	<0.001	<20	0.07	0.005	0.02	0.2	0.56	5.2	<0.1	<0.05	<1	<0.5	<0.2	N.A.	N.A.
03A	Rock		<0.001	<1	310	8.51	17	<0.001	<20	0.03	0.003	0.01	0.3	0.66	4.0	<0.1	0.16	<1	<0.5	<0.2	N.A.	N.A.
03B	Rock		0.003	<1	305	8.52	19	<0.001	<20	0.02	0.001	0.02	0.4	0.60	3.4	<0.1	0.12	<1	<0.5	0.2	N.A.	N.A.
04A	Rock		0.011	<1	10	0.82	37	<0.001	<20	0.07	0.002	0.05	<0.1	0.14	1.7	<0.1	0.06	<1	<0.5	<0.2	N.A.	N.A.
04B	Rock		0.004	<1	8	0.65	19	<0.001	<20	0.04	0.001	0.03	<0.1	0.17	1.3	<0.1	<0.05	<1	<0.5	<0.2	N.A.	N.A.
05A	Rock		0.172	2	4	1.23	21	0.001	<20	0.06	0.002	0.02	0.1	0.25	1.0	<0.1	<0.05	<1	<0.5	<0.2	N.A.	N.A.
05B	Rock		0.199	2	4	1.38	18	0.001	<20	0.07	0.002	0.03	0.1	0.18	1.4	<0.1	<0.05	<1	<0.5	<0.2	N.A.	N.A.
06A	Rock		0.001	<1	4	0.84	33	<0.001	<20	0.04	0.002	0.03	<0.1	0.13	1.2	<0.1	<0.05	<1	<0.5	<0.2	N.A.	N.A.
06B	Rock		0.001	<1	4	0.82	22	<0.001	<20	0.03	0.002	0.02	<0.1	0.15	1.2	<0.1	<0.05	<1	<0.5	<0.2	N.A.	N.A.
07A	Rock		<0.001	<1	468	12.73	63	<0.001	<20	0.09	0.004	0.04	<0.1	0.29	7.3	<0.1	<0.05	<1	<0.5	<0.2	N.A.	N.A.
07B	Rock		0.001	<1	356	12.73	61	<0.001	<20	0.07	0.004	0.03	<0.1	0.27	7.0	<0.1	<0.05	<1	<0.5	<0.2	N.A.	N.A.
08A	Rock		<0.001	<1	396	15.35	89	<0.001	<20	0.04	0.002	0.02	<0.1	0.33	5.2	<0.1	0.06	<1	<0.5	<0.2	N.A.	N.A.
08B	Rock		<0.001	<1	270	14.12	125	<0.001	<20	0.03	0.003	0.01	<0.1	0.50	5.6	<0.1	0.06	<1	<0.5	<0.2	N.A.	N.A.
09A	Rock		<0.001	<1	353	17.46	34	<0.001	110	0.08	0.002	<0.01	0.2	0.02	4.0	<0.1	<0.05	<1	<0.5	<0.2	N.A.	N.A.
09B	Rock		<0.001	<1	270	17.57	39	<0.001	131	0.07	0.002	<0.01	0.3	0.02	4.2	<0.1	<0.05	<1	<0.5	<0.2	N.A.	N.A.
10A	Rock		0.009	<1	10	0.11	161	<0.001	<20	0.06	0.002	0.02	<0.1	0.11	1.1	<0.1	<0.05	<1	<0.5	<0.2	N.A.	N.A.
10B	Rock		0.026	<1	9	0.05	52	<0.001	<20	0.07	0.002	0.03	<0.1	0.11	1.3	<0.1	<0.05	<1	<0.5	<0.2	N.A.	N.A.
11A	Rock		0.002	<1	339	13.02	254	<0.001	<20	0.07	0.005	0.02	<0.1	0.59	4.6	<0.1	<0.05	<1	<0.5	<0.2	N.A.	N.A.
11B	Rock		<0.001	<1	786	14.99	98	0.001	<20	0.37	0.006	0.01	<0.1	0.71	6.0	<0.1	<0.05	<1	<0.5	<0.2	N.A.	N.A.
12A	Rock		0.071	7	16	1.79	139	<0.001	<20	0.21	0.023	0.09	<0.1	1.19	10.3	<0.1	0.08	<1	1.3	<0.2	N.A.	N.A.
12B	Rock		0.073	8	19	1.51	114	<0.001	<20	0.29	0.037	0.13	0.1	0.92	10.2	0.1	0.07	<1	1.4	<0.2	N.A.	N.A.
12C	Rock		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	61.30	15.14

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Project: Cortez
Report Date: November 24, 2010

CERTIFICATE OF ANALYSIS VAN10005966.1

		Method	4A	4A	4A	4A	4A	4A	4A	4A	4A	4A	4A	4A	4A	4A	4A	4A	4A	2A Leco	2A Leco
		Analyte	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ba	Ni	Sr	Zr	Y	Nb	Sc	LOI	Sum	TOT/C	TOT/S
		Unit	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%
		MDL	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	5	20	2	5	3	5	1	-5.1	0.01	0.02	0.02
01A	Rock		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
01B	Rock		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
02A	Rock		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
02B	Rock		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
03A	Rock		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
03B	Rock		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
04A	Rock		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
04B	Rock		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
05A	Rock		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
05B	Rock		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
06A	Rock		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
06B	Rock		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
07A	Rock		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
07B	Rock		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
08A	Rock		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
08B	Rock		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
09A	Rock		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
09B	Rock		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
10A	Rock		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
10B	Rock		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
11A	Rock		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
11B	Rock		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
12A	Rock		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
12B	Rock		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
12C	Rock		5.31	1.47	3.04	4.66	1.50	0.51	0.19	0.08	0.019	848	52	490	99	13	9	17	6.6	99.96	1.10	0.07

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Project: Cortez
Report Date: November 24, 2010

QUALITY CONTROL REPORT VAN10005966.1

	Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	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	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																					
REP G1	QC																				
Reference Materials																					
STD CSC	Standard																				
STD DS7	Standard		23.9	112.8	74.7	404	1.1	56.2	9.5	629	2.41	51.1	4.7	53.1	4.5	67	6.1	4.2	4.8	83	0.94
STD DS7	Standard		21.5	110.4	69.2	398	0.9	57.1	9.9	617	2.38	49.4	4.9	59.1	4.5	70	6.7	4.1	4.8	84	0.93
STD OREAS45PA	Standard		1.0	583.9	21.1	114	0.3	278.0	107.9	1069	15.74	4.3	1.2	40.9	7.3	13	<0.1	0.1	0.2	208	0.24
STD OREAS45PA	Standard		0.9	595.2	21.0	119	0.3	291.3	113.0	1121	17.01	4.1	1.3	47.3	7.3	14	0.1	0.1	0.3	237	0.25
STD OREAS76A	Standard																				
STD SO-18	Standard																				
STD SO-18	Standard																				
STD CSC Expected																					
STD OREAS76A Expected																					
STD SO-18 Expected																					
STD DS7 Expected			20.5	109	70.6	411	0.9	56	9.7	627	2.39	50	4.9	70	4.4	72	6.4	4.6	4.5	84	0.93
STD OREAS45PA Expected			0.9	600	19	119	0.3	281	104	1130	16.559	4.2	1.2	43	6	14	0.09	0.13	0.18	221	0.2411
BLK	Blank																				
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank																				
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
Prep Wash																					
G1	Prep Blank	<0.01	0.1	12.4	3.9	45	<0.1	4.6	6.2	567	1.98	<0.5	1.6	<0.5	5.0	55	<0.1	<0.1	0.2	39	0.54
G1	Prep Blank	<0.01	<0.1	17.9	4.2	47	0.2	4.7	7.5	565	1.99	<0.5	1.9	<0.5	5.8	61	<0.1	<0.1	1.8	39	0.55
G1	Prep Blank																				

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Project: Cortez
Report Date: November 24, 2010

QUALITY CONTROL REPORT VAN10005966.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	4A	4A
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	SiO2	Al2O3
	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	0.1	0.05	1	0.5	0.2	0.01	0.01
Pulp Duplicates																					
REP G1	QC																			67.02	15.71
Reference Materials																					
STD CSC	Standard																				
STD DS7	Standard	0.076	12	206	1.06	429	0.118	30	1.02	0.099	0.46	3.2	0.20	2.4	3.9	0.22	5	3.2	1.6		
STD DS7	Standard	0.073	12	201	1.04	396	0.118	51	1.01	0.093	0.45	3.4	0.22	2.3	4.2	0.19	5	3.1	1.3		
STD OREAS45PA	Standard	0.032	16	814	0.10	182	0.125	<20	3.19	0.006	0.07	<0.1	0.03	40.9	<0.1	<0.05	16	<0.5	<0.2		
STD OREAS45PA	Standard	0.034	18	866	0.10	197	0.132	<20	3.58	0.007	0.08	<0.1	0.03	43.5	0.1	<0.05	17	<0.5	<0.2		
STD OREAS76A	Standard																				
STD SO-18	Standard																			58.16	14.11
STD SO-18	Standard																			58.30	13.98
STD CSC Expected																					
STD OREAS76A Expected																					
STD SO-18 Expected																				58.47	14.23
STD DS7 Expected		0.08	13	192	1.05	410	0.124	39	1.0195	0.089	0.44	3.4	0.21	2.5	4.2	0.19	5	3.5	1.18		
STD OREAS45PA Expected		0.034	16.2	873	0.095	187	0.124		3.34	0.011	0.0665	0.011	0.03	43	0.07	0.03	16.8	0.54			
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	<0.1	<0.05	<1	<0.5	<0.2		
BLK	Blank																			<0.01	<0.01
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
Prep Wash																					
G1	Prep Blank	0.084	11	6	0.57	209	0.138	<20	1.05	0.106	0.54	0.1	<0.01	1.9	0.3	<0.05	5	<0.5	0.2		
G1	Prep Blank	0.079	12	6	0.54	189	0.137	<20	1.04	0.117	0.52	0.1	<0.01	1.9	0.3	<0.05	5	<0.5	<0.2	67.02	15.67
G1	Prep Blank																			66.86	15.81

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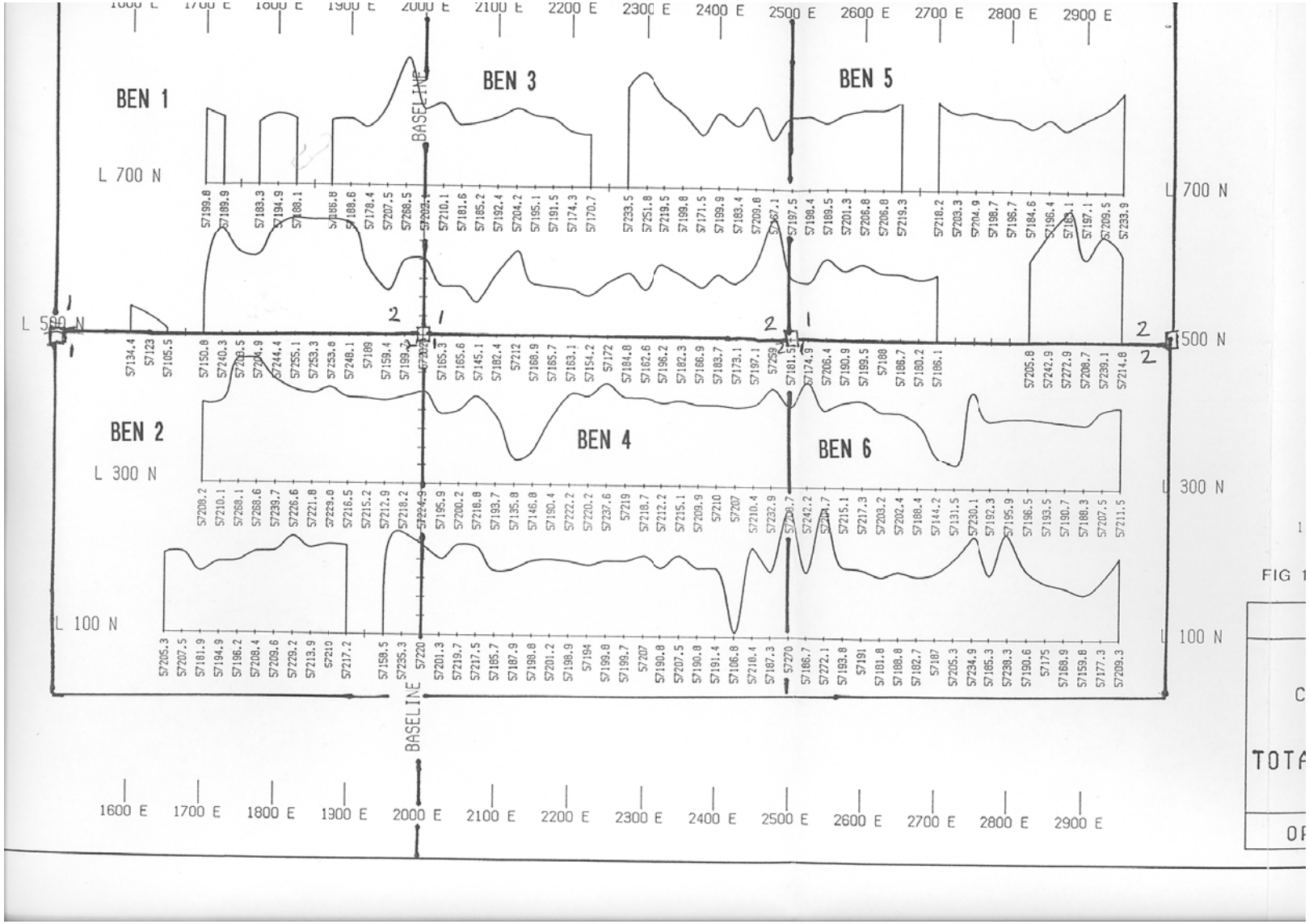
QUALITY CONTROL REPORT VAN10005966.1

	Method	4A	4A	4A	4A	4A	4A	4A	4A	4A	4A	4A	4A	4A	4A	4A	4A	4A	2A Leco	2A Leco
	Analyte	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ba	Ni	Sr	Zr	Y	Nb	Sc	LOI	Sum	TOT/C	TOT/S
	Unit	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%
	MDL	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	5	20	2	5	3	5	1	-5.1	0.01	0.02	0.02
Pulp Duplicates																					
REP G1	QC	3.58	1.13	3.60	3.54	3.54	0.40	0.20	0.10	0.002	936	<20	735	141	19	27	6	0.9	99.98		
Reference Materials																					
STD CSC	Standard																			3.01	4.11
STD DS7	Standard																				
STD DS7	Standard																				
STD OREAS45PA	Standard																				
STD OREAS45PA	Standard																				
STD OREAS76A	Standard																			0.15	17.35
STD SO-18	Standard	7.61	3.35	6.36	3.65	2.14	0.69	0.83	0.39	0.558	500	51	396	300	30	21	25	1.9	99.90		
STD SO-18	Standard	7.61	3.34	6.28	3.70	2.16	0.69	0.84	0.39	0.563	500	47	395	300	31	23	25	1.9	99.91		
STD CSC Expected																				2.94	4.25
STD OREAS76A Expected																				0.16	18
STD SO-18 Expected		7.67	3.35	6.42	3.71	2.17	0.69	0.83	0.39	0.55	515	44	402	280	31	21.3	25				
STD DS7 Expected																					
STD OREAS45PA Expected																					
BLK	Blank																			<0.02	<0.02
BLK	Blank																				
BLK	Blank	<0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<5	<20	<2	<5	<3	<5	<1	0.0	<0.01		
BLK	Blank																				
Prep Wash																					
G1	Prep Blank																			0.02	<0.02
G1	Prep Blank	3.64	1.14	3.59	3.54	3.52	0.40	0.20	0.10	<0.002	940	<20	734	154	18	28	6	0.9	99.98	0.02	0.02
G1	Prep Blank	3.51	1.18	3.57	3.62	3.58	0.39	0.19	0.10	0.002	980	<20	737	158	17	26	6	0.9	99.99		

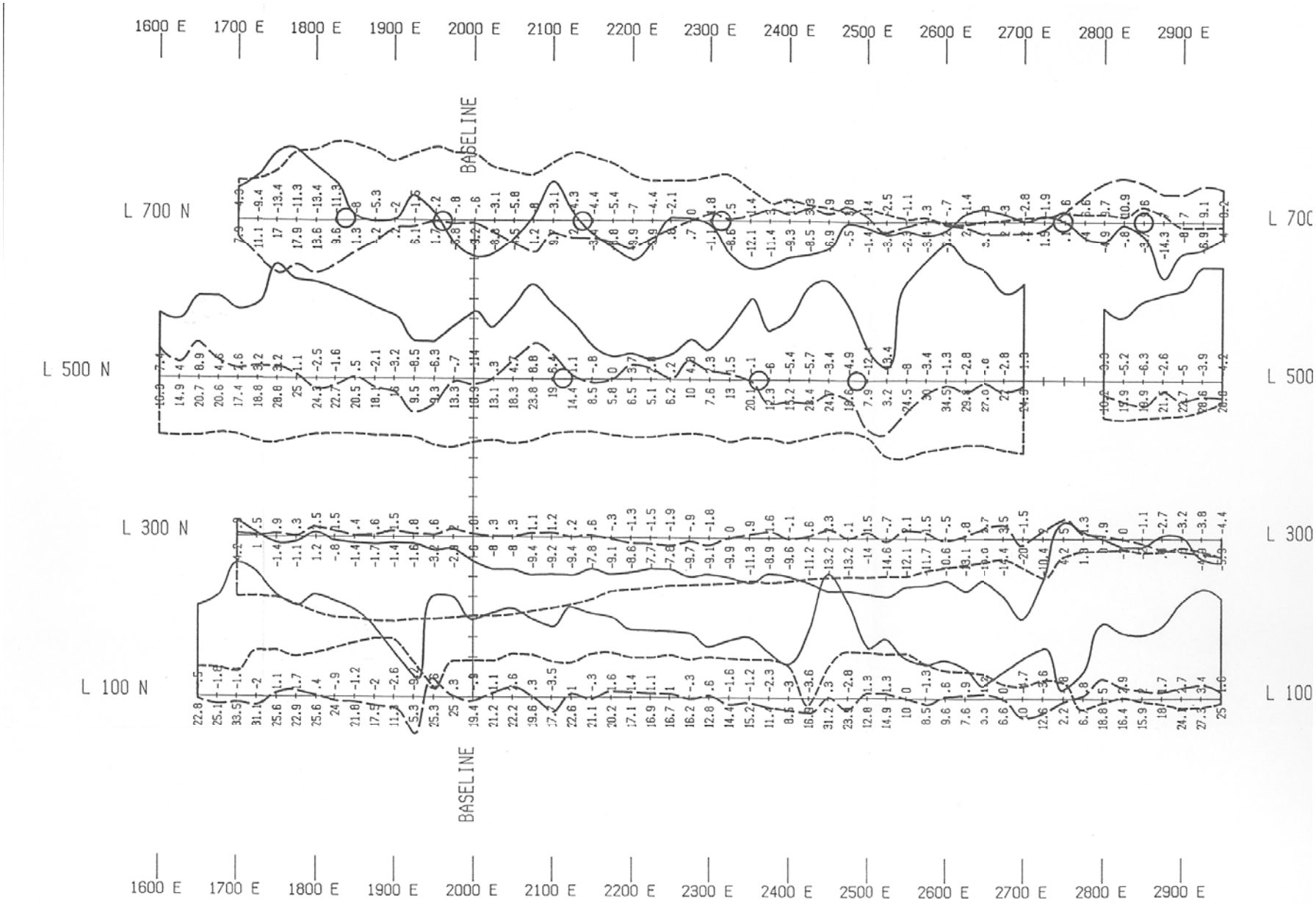
APPENDIX V

MAGNETIC AND VLF-EM PROFILES (Kahlert, 1998 ARIS 25512)

Total Field Magnetic Profiles



VLF-EM PROFILES. SEATTLE TRANSMITTER



APPENDIX VI

DRILL LOGS (Graham, 1991 ARIS 21309)

DRILL LOGS

Log of drill hole BN 90-1

Location: 450 m WSW of LCP of Ben 1-4. Elev. approx. 3,000 ft.

Property grid coords. 4,840N 1590E

Angle: Vertical Total length: 102 ft. (31.1 m)

Type: Core Core size: NQ

Drilled: Oct. 23-26, 1990

Measurements in feet.

0-20	Overburden. Till
20-32	Basalt or andesite. Strongly altered. Greenish, fine-medium grained. Feldspars mostly altered to clay and Fe-Mg minerals chloritized or decomposed. Diss. pyrite up to 3%. This tends to concentrate on fractures. Moderately fractured with a few thin quartz veins. Rusty weathering in top 5 ft.
32-41	Black shale. Soft, carbonaceous. Some lenticles and fragments and fine carbonate (limestone).
41-59	Tuffaceous rock. Greenish, fine grained. Few intervals of dark gray argillaceous seds. V. minor andesite. V. small amount diss. pyrite. Strongly quartz veined in top 0.5 ft.
59-61	Gouge. Composed of dark gray to black clay.
61-75	Black shale. Soft, carbonaceous. Some lenses and laminae of limestone. Numerous thin quartz veins and nodules. Veins mostly parallel to contorted bedding. Abundant mariposite. Considerable brecciation in lowest 2 ft.
75-78	Gouge.
78-85	Shale. Dark gray, Brecciated. Much irregular quartz veining. Part is silicified.
85-91	Porphyry. Strongly altered, pale green. Has quartz and feldspar phenocrysts in places. Many small crystals of epidote and small amount diss. pyrite. Silicified 81-82.

Log of drill hole BN 90-1 (cont.)

91-100 Carbonate. Finely laminated silty limestone, pale gray or creamish fractured. Much calcite and minor quartz veining.

100-102 Black shale. Soft, carbonaceous, contorted. Half consists of irregular quartz and calcite veins and pods.

Hole abandoned at 102 ft. in cavity with sand and flowing water.

Recovery near 100%.

For gold assays and 27 element ICP geochemistry, see Bondar Clegg lab. report following.

Log of drill hole BN 90-2

Location: 120 m SW of hole BN 90-1. Elev. approx. 3,100 ft.

Property grid coords. 4760 N 1500 E

Angle: Vertical Total length: 252 ft. (76.8 m)

Type: Core Core size: NQ

Drilled: Oct. 31 - Nov. 2, 1990

Measurements in feet.

0-55 Overburden. Till

55-65 Basalt or andesite. Strongly altered. Greenish, fine-medium grained. Feldspars altered to clay and Fe-Mg minerals chloritized. Minor quartz veining. Rusty weathering near top.

65-67 Gouge. Gradational contact with above.

67-100 Andesite. Contains minor shale lenses and laminated chloritic tuff. Slight schistose structure.
88-90: Laminated (tuff?) with much mariposite, and partial argillic alterations.
72-74: Green chloritic gouge.
Brecciation and fracturing of two or more phases, common. Minor quartz veining.

100-116 Black shale. Soft and carbonaceous. Contorted with irregular quartz veins.

Log of drill hole BN 90-2 (cont.)

116-122 Tuff. Greenish. Minor interbeds of black shale. V. minor quartz veining and silicifications.

122-145 Black shale. Soft, carbonaceous. Highly contorted with minor irregular quartz veins and lenses, more common 122-130 and 135-145. Silicified in part 126-130.

145-152 Gouge, sand. Almost no recovery.

152-162 Black shale: Soft, carbonaceous. Quartz veined. 50% recovery.

162-174 Tuff. Greenish and buff. Contains minor interbeds of shale. Partly brecciated in at least two phases. Minor quartz veining.

174-224 Black shale.
- 184-192 Mostly gouge
- 192-196 Soft, carbonaceous. Unveined.
- 196-204 Mostly gouge
- 204-210 Shale with moderate quartz veining. Greenish tuff at 209.
- 210-217 Shale
- 217-219 Tuff-shale, much mariposite.
- 219-22 Shale with moderate quartz veining. Recovery 60% 192-202.

224-238 Tuff, black shale. Two types interbedded but tuff dominant. Locally silicified. Moderate quartz veining 232-236.

238-252 Black shale. Soft, carbonaceous. Minor quartz veining. Locally silicified.

Mariposite occurs in small amounts throughout core.

Recovery near 100% except where noted.

For gold assays and 27 element ICP geochemistry, see Bondar Clegg lab. report following.