1991

GEOCHEMICAL REPORT on the VIN PROPERTY

Similkameen and Nicola Mining Divisions, B.C.
NTS: 92H/15E,16W; Lat 49°50'N; Long 120°26'W

MARCH 1992. (BC '91 ASSESSMENT)

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1991 GEOCHEMICAL REPORT

ON THE VIN PROPERTY

Similkameen and Nicola Mining Divisions, B.C.
Latitude 49°50'N; Longitude 120°25'W
NTS: 92H/15E,16W

For

FAIRFIELD MINERALS LTD.
Vancouver, British Columbia

By

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Geologist

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Date Submitted: March, 1992
Field Period: June 29 to October 15, 1991

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(in pockets)

1.0 SUMMARY AND CONCLUSIONS

The Vin prperty cmprises 19 claims (273 units) lcated 35 kilometres southeast of Merritt, B.C. within the Similkameen and Nicla Mining Divisions. The claims, staked during March and July, 1991 are wned 100 percent by Fairfield Minerals Ltd. and are subject to an option agreement with Placer Dome Inc. Exploration work was managed by Cordilleran Engineering Ltd.

Logging roads provide excellent access to most parts of the property. The terrain consists of rolling forested hills on an upland plateau.

The claims are underlain by Upper Triassic Nicola Group volcanic and intrusive rocks with minor sandstone, argillite and limestone. Most rocks are strongly fractured with local carbonate, silica or clay alteration commonly found near lithologic contacts. Pyrite and lesser chalcopyrite and bornite occur as disseminations, or within quartz or calcite veinlets.

Previous exploration in the Vin area included geological mapping, rock, soil and silt sampling and geophysical surveys between 1972 and 1979 by various companies. In 1981, Intercntinental Energy Corp. conducted geological mapping, soil sampling, ground magnetics, EM and IP surveys on the Late claim, a 9-unit block located within the Vin property. Regional reconnaissance sampling conducted in the area by Fairfield Minerals Ltd. from 1986 through 1990 returned several anomalous copper, arsenic and gold values from stream sediment, soil and rock samples.

The 1991 exploration program, which focussed on gold and copper, involved soil sampling on wide spaced grid lines. Subsequent fill-in sampling was conducted around anomalous sites. Follow-up prospecting and reconnaissance sampling was undertaken on most claims.

A total of 5231 soil samples collected on the property have outlined a 2100m x 800m copper trend on the western claims, northeast of Missezula Lake. Also, a number of anomalous gold sites were defined adjacent to Vinson Lake and within two converging trends in the west-central area of the property.

A total of 740 soil pulps from anomalous copper or gold areas were sent from Acme Analytical Labs (Vancouver) to the Placer Dome Research Centre (Vancouver) for 30 element ICP and LOI (Loss on Ignition) analyses. Results indicate low organic content in most samples and copper values consistent with initial analyses.

A number of copper shwings were sampled while prspecting on the claims. Areas of strong fracturing exhibit local carbonate, silica and clay alteration with carbonate ±quartz veins r stringers hosting disseminations or veinlets of pyrite with lcal chalcpyrite and bornite. Many mineralized zones occur near contacts of carbonate-altered feldspar porphyry dykes.

Grid soil sampling and prospecting failed to define any geochemical trends that would indicate the presence of a large copper, gold porphyry system in the underlying bedrock. However, further work is required to locate the source(s) of several smaller anomalous gold trends which may be indicative of narrow, high grade gold-bearing veins.

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2.0 RECOMMENDATIONS

The Vin 4, 6, 8, 10-15 claims should be grouped and maintained in good standing to retain the areas of most prospective gold geochemical anomalies . All other claims should be allowed to expire.

The entire property should be geologically mapped.

A 100 line-kilometre magnetometer and VLF-EM survey (100m x 25m) should be conducted over areas of gold geochemical anomalies to define structures which may host vein mineralization.

A portable drill should be used to collect soil profile samples to bedrock in areas of anomalous geochemistry to better define possible gold sources.

Areas with coincident VLF-EM conductors and anomalous gold geochemistry should be trenched or diamond drilled to locate the source of gold in bedrock.

Respectfully submitted

CORDILLERAN ENGINEERING LTD.

John Cormier

John Cormier, B.Sc.,
Geologist

JC/z
March, 1992

3.0 INTRODUCTION

3.1 LOCATION AND PHYSIOGRAPHY (Figure 1)

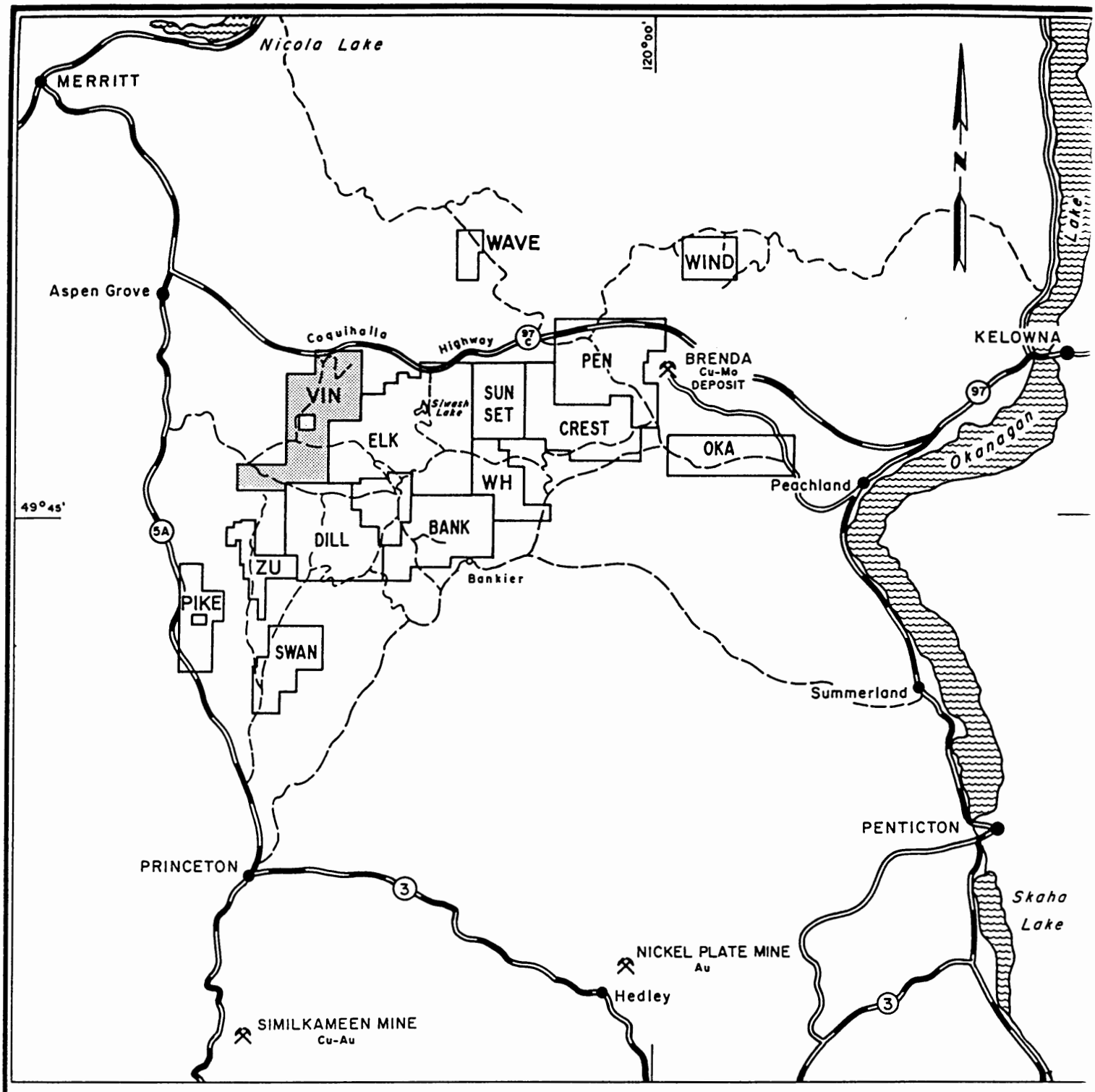
The Vin property is located 50 kilometres west of Peachland and 35 kilometres southeast of Merritt in south-central British Columbia (Figure 1). The property is centred on latitude 49°50'N and longitude 120°26' W within NTS map areas 92H/16W and 15E. Good gravel roads provide access from the Princeton-Merritt highway (5A) via the Dillard and Galena Main Forest Service roads or via the Shrimpton Creek road from the Coquihalla highway (97C) which crosses the northern claims.

The claims cover an area of 70 square kilometres in rolling, hilly terrain on a broad upland plateau. Elevations range from 1000m to 1770m above sea level. Small streams drain the property to the east, west and south. Vinson and Buck lakes, each about 1 km long, are centrally located on the property. Outcrop exposures are moderately abundant. Till cover varies from less than a metre to several metres in thickness.

Mature stands of spruce, balsam, fir and pine have been logged from several scattered plots. Annual temperatures range from -20° C to 30° C and precipitation is low to moderate. The area is basically snow-free from late June through October.

3.2 CLAIM DATA (Table 1, Figure 2)

The current status of the Vin claims is indicated in Table 1, and their locations are shown on Figure 2. The Vin claims were staked in March and July 1991. The property is located in the Similkameen and Nicola Mining Divisions and is 100 percent owned by Fairfield Minerals Ltd. It is subject to an option agreement whereby Placer Dome Inc. may earn an interest.



FAIRFIELD MINERALS LTD.

PROPERTY LOCATION MAP

SOUTHERN BRITISH COLUMBIA

OKANAGAN AREA, NTS 82E/92H

jhe

0 10 20 30 Kilometres

0 10 20 Miles

SCALE 1:500,000

CORDILLERAN ENGINEERING LTD.
1980-1055 W. HASTINGS STREET
VANCOUVER, B.C. V6E 2E9

NOVEMBER 1991

FIGURE 1

Table 1 **VIN PROPERTY CLAIM STATUS**

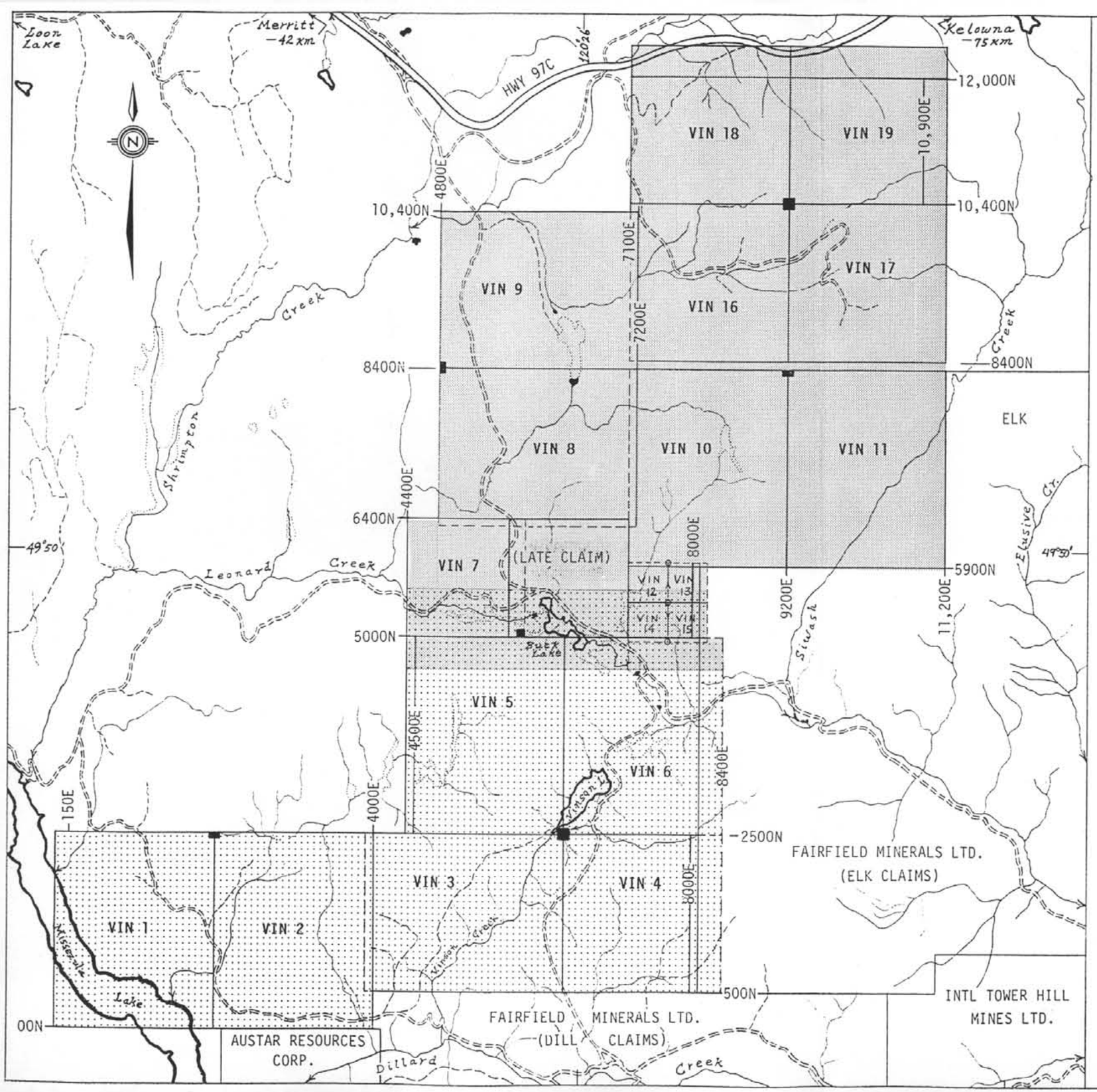
NTS: 92H/15E, 16W
Nicola Mining Division, British Columbia (Vin 1-2, 7-11)
Similkameen Mining Division, British Columbia (Vin 3-6, 12-15)

CLAIM	UNITS	RECORD NO.	EXPIRY DATE
VIN 1	20	237630	20 MAR. 1992
VIN 2	20	237629	20 MAR. 1992
VIN 3	20	250028	21 MAR 1992
VIN 4	16	250029	21 MAR 1996
VIN 5	20	250030	21 MAR 1992
VIN 6	20	250031	21 MAR 1996
VIN 7	9	237631	25 MAR 1992
VIN 8	20	237632	23 MAR 1996
VIN 9	20	237633	23 MAR 1992
VIN 10	20	237628	24 MAR 1996
VIN 11	20	237627	24 MAR 1996
VIN 12	2-post	250032	21 MAR 1996
VIN 13	2-post	250033	21 MAR 1996
VIN 14	2-post	250034	21 MAR 1996
VIN 15	2-post	250035	21 MAR 1996
VIN 16	16	302351	13 JUL 1992
VIN 17	16	302352	13 JUL 1992
VIN 18	16	302353	13 JUL 1992
VIN 19	16	302354	13 JUL 1992
19 Claims	269 Units + 4 2-post claims		

3.3 HISTORY

From 1972 to 1979, several companies held various claims in the central and eastern areas of the present Vin property (Assessment Report Nos. 4077, 4347, 4552, 5547, 7987). Exploration included geological mapping, rock, soil and silt sampling and geophysical surveys focussing on Cu, Ag, Pb and Zn. Most analytical results were low, however, VLF-EM surveys outlined several conductors.

In 1981 Intercontinental Energy Corp. conducted geological mapping, soil sampling, ground magnetics, EM and IP surveys on the Late claim in search of base metals. No significant results were reported. The Late claim (9 units) is centrally located within the Vin property and is currently in good standing.



FAIRFIELD MINERALS LTD.

VIN PROPERTY

CLAIM AND GRID LOCATION

Similkameen/Nicola Mining Divisions, B.C.

NTS: 92H/15E and 16W

Scale: 1:50,000

0 0.5 1.0 2.0 3.0 4.0 KM

By: Cordilleran Engineering Ltd.

February, 1992 Figure 2

3.4 1991 EXPLORATION PROGRAM

The Vin property was established in March, 1991 with the staking of the Vin 1-15 claims, a total f 209 units adjining the northern boundary of the Dill claims and the western boundary of the Elk claims. Copper showings and anomalous silt samples ($\geq$ 60 ppm Cu) prmpted staking of Vin 16-19 in July 1991, a total f 64 units adjoining the northern boundary of the initial claim block. Grid soil sampling was conducted at 400m x 50m (Vin 1-7, 9, 11, 17, 19) and 200m x 50m (Vin 8, 10, 12-16, 18). Subsequent fill-in sampling (50m x 50m) was carried out around anomalous gold (>20 ppb) and copper (>100 ppm) sites. Reconnaissance rock, soil and silt sampling was conducted in and around the property area.

****

4.0 GEOLOGY

4.1 REGIONAL GEOLOGY (Figure 3)

The Vin property is situated in the Intermontane tectonic belt in south-central British Columbia. The regional geology is shown on the northeastern part of GSC Map 41-1989, Hope (1:250,000), compiled by J.W.H.Monger (1984-89)and condensed on Figure 3. The property is underlain by the Nicola Group, a package of massive intermediate to mafic volcanic rocks with minor limestone, sandstone and argillite intruded by consanguineous bodies of monzonite, diorite and granodiorite. These rocks have a genetic association with tectonic activity along the Summer's Creek and Allison fault systems which dominated the geology of the region in Late Triassic time (Preto, 1979) and have since undergone regional low-grade metamorphism.

4.2 PROPERTY GEOLOGY AND MINERALIZATION

The geology of the property was not mapped during 1991. Geological information is restricted to observations made in the course of prospecting.

The majority of rocks are green, fine-grained, massive andesitic to basaltic flows and agglomerates. Within the volcanics are intrusions of diorite to granodiorite composition. Minor argillite units were noted. Most rocks contain variable amounts of chlorite, epidote and sparsely disseminated pyrite with local abundant mafic and/or plagioclase phenocrysts.

Local strong fracturing and shearing, commonly in association with feldspar porphyry dykes, are accompanied in places by intense argillic, propylitic and carbonate alteration. Within these zones quartz and carbonate veining, or silicified masses, host pyrite with occasional chalcopyrite or bornite stringers and disseminations, with attendant malachite/azurite coatings. Hematite and limonite staining are common within zones of intense alteration.

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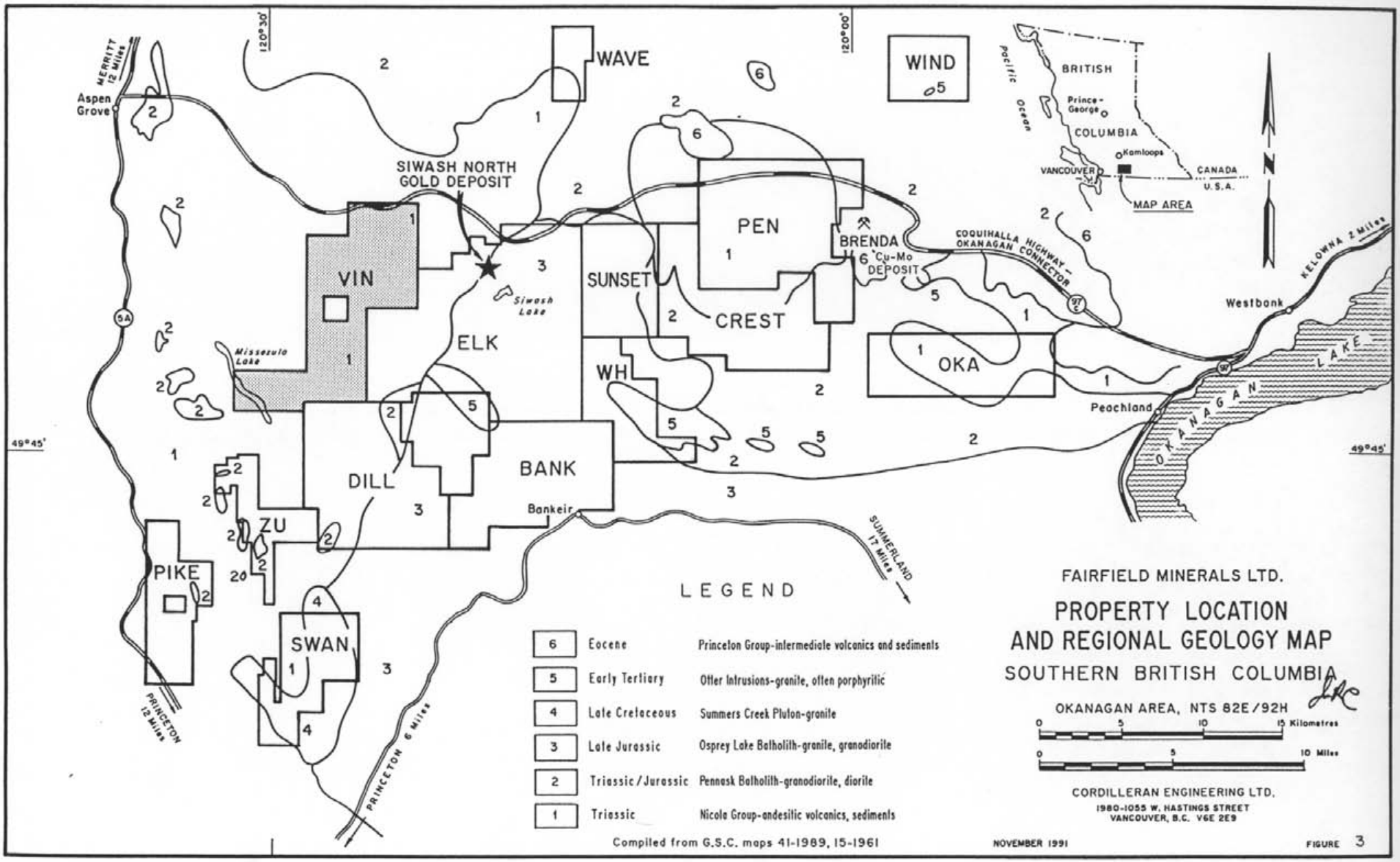

WAVE
WIND
SIWASH NORTH GOLD DEPOSIT
VIN
ELK
SUNSET
PEN
CREST
BRENDA Cu-Mo DEPOSIT
WH
OKA
DILL
BANK
ZU
PIKE
SWAN
Aspen Grove
MERRITT 12 Miles
Missezula Lake
Siwash Lake
Bankeir
SUMMERLAND 17 Miles
PRINCETON 12 Miles
PRINCETON 6 Miles
COQUIHALLA HIGHWAY - OKANAGAN CONNECTOR
KELOWNA 2 Miles
Westbank
Peachland
OKANAGAN LAKE
120°30'
120°00'
49°45'
Pacific Ocean
BRITISH COLUMBIA
Prince George
Kamloops
VANCOUVER
CANADA
U.S.A.
MAP AREA
N
LEGEND
6 Eocene — Princeton Group-intermediate volcanics and sediments
5 Early Tertiary — Otter Intrusions-granite, often porphyritic
4 Late Cretaceous — Summers Creek Pluton-granite
3 Late Jurassic — Osprey Lake Batholith-granite, granodiorite
2 Triassic/Jurassic — Pennask Batholith-granodiorite, diorite
1 Triassic — Nicola Group-andesitic volcanics, sediments
Compiled from G.S.C. maps 41-1989, 15-1961
FAIRFIELD MINERALS LTD.
PROPERTY LOCATION AND REGIONAL GEOLOGY MAP
SOUTHERN BRITISH COLUMBIA
OKANAGAN AREA, NTS 82E/92H
0 5 10 15 Kilometres
0 5 10 Miles
CORDILLERAN ENGINEERING LTD.
1980-1055 W. HASTINGS STREET
VANCOUVER, B.C. V6E 2E9
NOVEMBER 1991
FIGURE 3

5.0 GEOCHEMISTRY

A total of 152 mandays were spent collecting 5231 soil samples on the Vin property in 1991. Initial grid lines (200m x 50m, 400m x 50m) yielded 4196 samples. Follw-up grids (50m x 50m) surrounding anmalus copper (>100 ppm) and gold (>20 ppb) sites provided another 1035 samples.

In addition, 20 mandays of reconnaissance sampling in 1991 yielded 20 stream sediments, 1 soil and 22 rock samples within and around the property area.

Between 1986 and 1990, a total of 28 stream sediments, 7 soils, and 5 rock reconnaissance samples were collected in the area prior to staking of the Vin claims. These results are included for reference.

5.1 SAMPLING PROCEDURE

East-west claim lines served as baselines for the geochemical grid. They were measured with a hip chain, marked with pink flagging and, at 50m intervals, marked with grid-numbered, water proof Tyvek tags plus pink and blue flagging. North-south soil lines were established using hip chain and compass, and soil stations at 50m intervals were similarly identified with tags plus orange and blue flagging. Fill-in line locations were determined from existing stations. Samples were collected from the "B" soil horizon with mattocks and placed in kraft paper bags marked with the appropriate grid coordinates. The grid samples were sent to Acme Analytical Laboratories Ltd. in Vancouver, where they were dried, sieved and the -80 mesh fractions (pulps) used for analyses. All samples were tested for gold by atomic absorption (AA) following aqua regia digestion and MIBK extraction from 10-gram pulps and for copper by ICP from 0.5-gram pulps.

During October, 740 Vin soil pulps from areas of anomalous gold and copper were retrieved from storage at Acme Analytical Labs (Vancouver) and delivered to the Placer Dome Research Centre (Vancouver). The pulps underwent 30-element ICP and LIO (Loss on Ignition) analyses.

All reconnaissance samples (1986-1991) were also analyzed at Acme Labs.

5.2 GRID RESULTS (Plates 1-8)

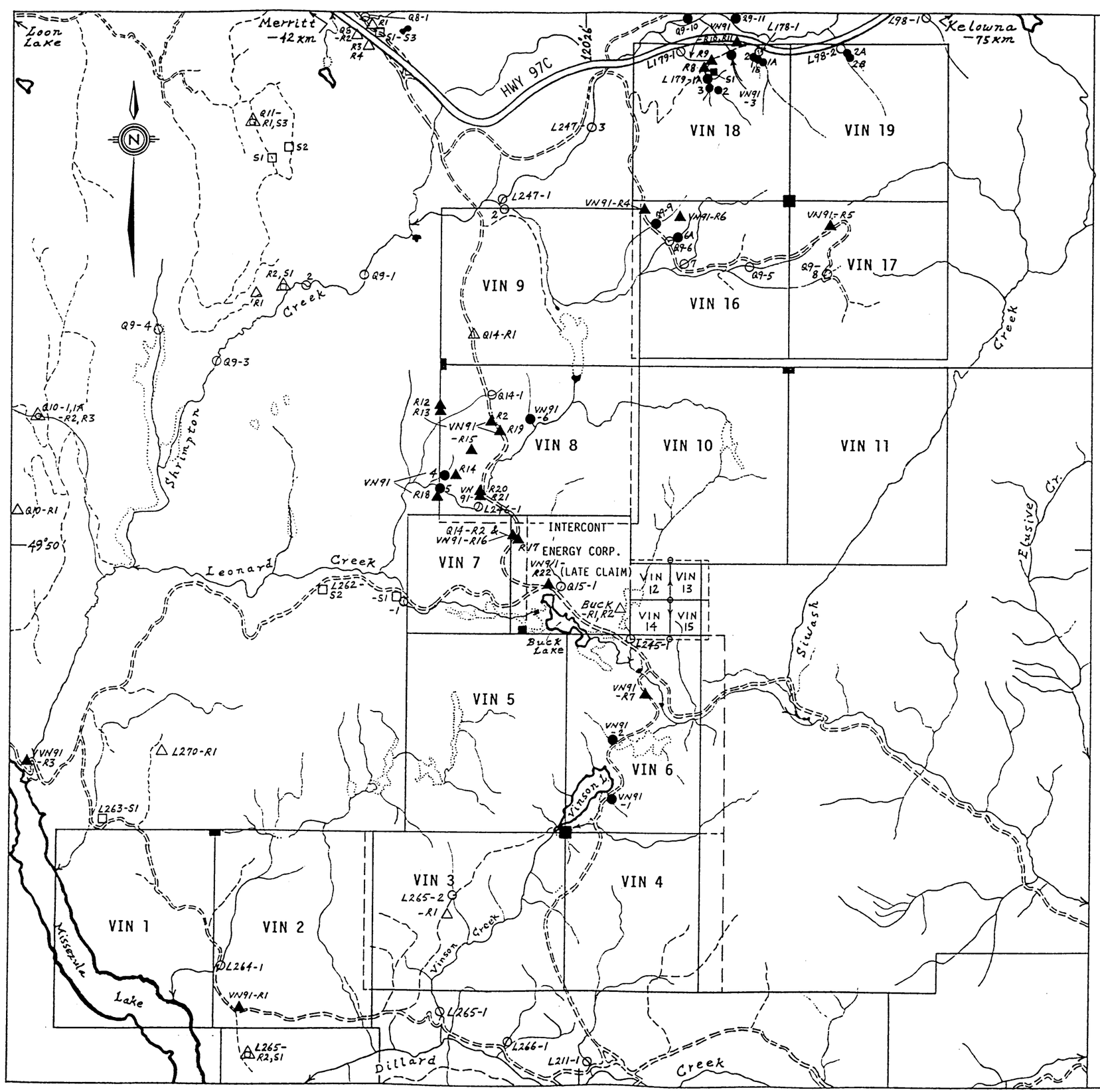
One area of significant copper anomalies (greater than 100 ppm) was defined comprising a 2100m x 800m southeast trend extending from line 150E through 1600E on the west side of the property. However, corresponding gold values were low. Gold results greater than 20 ppb define a number of anomalous zones in other areas on the property. These include two narrow east-west trends 800 and 1200 metres long immediately north and south of Vinson Lake, respectively. The Vin 8 claim contains two converging anomalous trends extending 1800m north-northwest and 1500m northeast. High values include 117 and 180 ppb gold. A 600m west-northwest anomaly on Vin 18 has values of 27 to 93 ppb gold. Strong isolated anomalies on Vin 11 include 190, 360 and 380 ppb gold.

The results from 30-element ICP and LOI (Loss on Ignition) analyses on 740 selected Vin soil pulps indicate a majority of low LIO values, suggesting low organic content in most samples. High copper values often accompany the elevated LOI numbers, possibly due to enriched hydrous minerals associated with alteration around copper mineralization. The copper values are consistent with original analyses from Acme Analytical Labs. There is a moderate correlation of Fe and Mn with Cu and a weaker correlation with As. There were also several samples with enriched levels of Pb, Bi, As, Sb and W which may be indicative of narrow veins containing sulfosalt minerals with possible precious metal content.

5.3 RECONNAISSANCE SAMPLING RESULTS (Figure 4, Tables 2 & 3)

Regional reconnaissance stream sediment, soil and rock sampling from 1986 to 1990 returned several high copper, arsenic and isolated gold values from an area north and west of the Dill and Elk claims, respectively. In 1991 the Vin claims were staked to include some of the anomalous sample sites. Locations of samples from 1986 through 1991 are shown on Figure 4. Results for selected elements from 1991 soil and stream sediment samples as well as grid locations, geological descriptions and analytical results for 1991 rock samples are collated in Table 2. Results for selected elements from 1986-1990 rock, soil and stream sediment samples are listed in Table 3.

All 1991 reconnaissance samples are from areas underlain by the Nicola Group. Most rock samples consisted of strongly propylitized, often silicified, andesites, diorites and granodiorites containing blebs or disseminations of pyrite $\pm$ chalcopyrite or bornite. Mineralization is associated with local shearing and/or abundant carbonate $\pm$ quartz stringers accompanied by hematite, malachite, limonite staining. These zones are narrow and often located along or near lithologic contacts (i.e. volcanics/intrusives, volcanics/sediments). The remainder of 1991 rock



LEGEND

- ■ Legal Corner Post(s) for 4-Post Claim
- ⟶○ Initial or Final Post for 2-Post Claim
- Divided Highway
- Access Roads

1986-90	1991	
○	●	Stream Sediment)
□	■	Soil) Sample
△	▲	Rock) Sites

FAIRFIELD MINERALS LTD.

VIN PROPERTY

RECONNAISSANCE SAMPLE LOCATIONS

Similkameen/Nicola Mining Divisions, B.C.

NTS: 92H/15E and 16W

Scale: 1:50,000

0 0.5 1.0 2.0 3.0 4.0 KM

By: Cordilleran Engineering Ltd.

February, 1992 Figure 4

samples were comprised of selected float chips of quartz or carbonate containing pyrite with local chalcopyrite, bornite or malachite. As expected, sme samples returned high copper values, hwever, most corresponding gold values were low. Three weakly anomalous gold values were reported from quartz veins with disseminated pyrite or chalcopyrite.

Stream sediment sampling on the property returned a number of copper anomalies (>80 ppm). Grid soil sampling had limited success in expanding these areas of interest. A moderate gold value of 19 ppb (VN91-4) was returned from a small stream in an area with anomalous gold in soil samples on Vin 8 claim.

A single reconnaissance soil sample (L179-S1) collected on the property returned low values.

Table 2: 1991 RECONNAISSANCE SAMPLES
VIN PROPERTY AREA

Sample Number	Approximate Grid Location	Type and Description	Mo (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	As (ppm)	Au (ppb)
A. Stream Sediments									
L98-2A			1	67	5	48	0.1	4	4.1
-2B			1	56	4	44	0.4	2	1.8
L178-1A			1	53	6	51	0.4	2	2.8
-1B			1	66	4	55	0.2	3	5.1
-2			1	83	6	71	0.3	4	1.0
L179-1A			1	92	6	70	0.4	2	2.8
-2			1	14	6	70	0.3	4	5.8
-3			1	111	10	75	0.3	2	5.5
Q9-6A			1	108	2	53	0.2	3	2.0
-9			1	80	7	34	0.2	2	2.0
-10			1	76	8	91	0.3	4	13.6*
-11			1	89	11	56	0.3	4	44.6*
-11(D)			1	96	5	44	0.4	2	2.8**
-12	(off map)		1	92	2	66	0.5	2	2.7
VN91-1			1	80	10	57	0.2	3	2.0
-2			1	96	5	58	0.2	4	3.0
-3			1	93	5	55	0.3	2	5.4
-4			1	31	6	54	0.3	4	19.0
-5			1	49	4	53	0.2	3	8.0
-6			1	197	2	34	0.4	2	2.0
B. Soil:									
L179-S1			1	68	9	76	0.5	5	6.6
C. Rock									
VN91-R1	250N-2325E	Float grabs/orange weath, alt'd volc (?) or diorite w/ abund lim + some remnant py.		48			0.4		9
-R2	7670N-5460E	Subcrop grab/dk grn, weakly silic volc w/ ~3% dissem py.		80			0.2		6
-R3	N/A-outside of grid area (off (property)	Outcrop, talus grabs/propyl, hem, carb-alt'd volcs w/ abund qz-calc vlts carrying sparse dissem cpy, bn.		201			0.3		4
-R4	10300N-7225E	Subcrop grabs/mal-stained, propyl-alt'd fine gr diorite w/abund calc vlts, minor bn.		414			0.4		1
-R5	10010N-9600E	Selected outcrop grab/strongly chlor volc w/ sm cavities carrying cpy, mal, calc. Assoc ENE-trending rusty, clayey shear.		952			0.1		1

*contaminated at Lab.
**Resample @ same site

Table 2: 1991 RECONNAISSANCE SAMPLES - VIM PROPERTY AREA (Cont'd)

Sample Number	Approximate Grid Location	Type and Description	Mo (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	As (ppm)	Au (ppb)
VN91-R6	10200N-7700E	Selected outcrop chips/rusty weath diorite(?) w/ mal stain adn fine dissem cpy, bn.		6807			1.4		6
-R7	4240N-7480E	Subcrop grab/coarse gr diorite w/ abund py as dissems, blebs, frac fillings.		101			0.4		8
-R8	12075N-8000E	Selected float chips/orange weath, strongly carb-alt'd volcs w/qz stringers, masses and dissem bn + tetr(?), mal + az.		6962			5.0		8
-R9	12175N-8100E	Selected chips from float bldrs/mal-stained, silic + propyl-alt'd volcs w/ calc stringers, masses carrying coarse dissem cpy.		3747			0.7		1
-R10	12425N-8425E (property bdry -off grid)	Selected talus grabs/sheared, foliated, propyl-alt'd volc w/ abund mal, dissem cpy + minor bn.		4268			2.1		8
-R11	12425N-8425E (property bdry - off grid)	Outcrop - 1.10m cont chip/ silic, carb, hem -alt'd basaltic volc w/ sparse dissem bn proximal to wide-spaced, narrow clayey shears.		484			0.5		2
-R12	7865N-4790/95E	Subcrop grabs over 6m/limonitic carb. alt'n zone at pyritic volc-arg contact. Calc vns, masses.		9			0.2		7
-R13	7770N-4800E	Subcrop chips/dk rusty-orange carb-alt'd grdr(?) w/fine qz stringers, ankerite vlts.		21			0.3		3
-R14	7000N-5000E	Selected chips from single float bldr/1 cm qz-carb vn w/abund lim, along a volc-grdr(?) contact.		95			0.8		15
-R15	7305/15N 5205E	Outcrop + subcrop grabs/red-orange weath alt'd intr rock (grdr?) w/ lim + hem, MnO, dissem py.		2			0.3 (average of 2 runs)		18
-R16	6220N-5720E	Outcrop - 0.2m cont chip/across E'erly trending 2-3.5m wide calc-qz vn, shear w/ fine gr py masses and adjacent silic, pyritic volc wallrocks.		102			3.4		690
-R17	6205/10N 5735E	Selected grabs from angular rubble (road fill)/silic, argillic, Fe+Mn, chlor + sauss alt'd grdr w/ drusy qz vns, masses 1.5-3.5 cm wide.		19			2.4		310
-R18	6530N-4760E	Float grab, single rounded fgmnt-9cm diam/ calc-ankerite w/fine limonitic qz stringers.		1			0.1		6
-R19	7545N-5540E	Float grab, single subrounded fgmnt-5cm diam/ White (opague) to semi-glassy vn qz w/internal 0.5cm blue-gy band carrying dissem py, cpy(?)		21			0.4		18
-R20	6770N-5325E	Chips from single, subrounded float bldr - - 14x19x25cm/qz mtx-arg fgmnt bx w/dissem cpy.		910			2.7		310
-R21	6730N-535-E	Float grabs/rounded qz vn fgmnts 5-13 cm diam, one blue-gy w/dissem py.		20			0.2		4
-R22	5620N-6200E	Float grabs-several sm fgmnts in thick gravel till/glassy to white, drusy qz w/lim dissems, boxworks.		17			0.1		1

Table 3: 1986-90 RECONNAISSANCE SAMPLES
VIM PROPERTY AREA

Sample Number	Mo (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	As (ppm)	Au (ppb)
A. Stream Sediment:							
L98-1	1	48	11	55	0.1	3	1
-2	1	63	8	56	0.1	4	1
L178-1	1	66	10	49	0.1	7	2
L179-1	1	73	7	62	0.2	7	1
L211-1	1	56	5	44	0.1	2	1
L245-1	1	100	5	51	0.5	2	2
L246-1	1	29	2	30	0.4	4	1
L247-1	1	26	2	23	0.2	2	1
-2	1	35	2	29	0.3	2	1
-3	1	22	2	20	0.3	4	1
L262-1	2	30	18	70	0.2	22	2
L264-1	1	60	12	44	0.3	15	1
L265-1	1	40	8	48	0.1	5	1
-2	1	76	6	66	0.4	3	4
L266-1	1	67	3	32	0.3	3	1
Q8-1	1	24	2	35	0.1	5	10
Q9-1	1	36	6	46	0.1	2	16
-2	1	38	6	38	0.1	2	5
-3	1	41	6	54	0.1	10	1
-4	1	31	7	78	0.1	19	1
-5	1	74	10	30	0.1	7	3
-6	1	99	11	43	0.1	2	1
-7	1	44	6	41	0.1	2	4
-8	1	60	15	69	0.2	2	5
Q10-1	1	48	2	44	0.2	2	213
-1A	-	-	-	-	-	-	1*
*Resample @ same site							
Q14-1	1	184	8	23	0.2	2	3
Q15-1	1	47	3	39	0.1	2	5
B. Soil:							
L262-S1	32	203	124	230	0.1	93	1
-S2	2	198	11	86	0.1	18	8
L263-S1	24	202	24	394	0.1	583	1
Q8-S1	1	79	9	138	0.1	52	1
-S2	1	173	15	259	0.1	104	1
-S3	1	127	14	126	0.1	41	11
Q9-S1	2	94	7	99	0.1	65	8

Table 3: 1986-90 RECONNAISSANCE SAMPLES - VIM PROPERTY AREA (Cont'd)

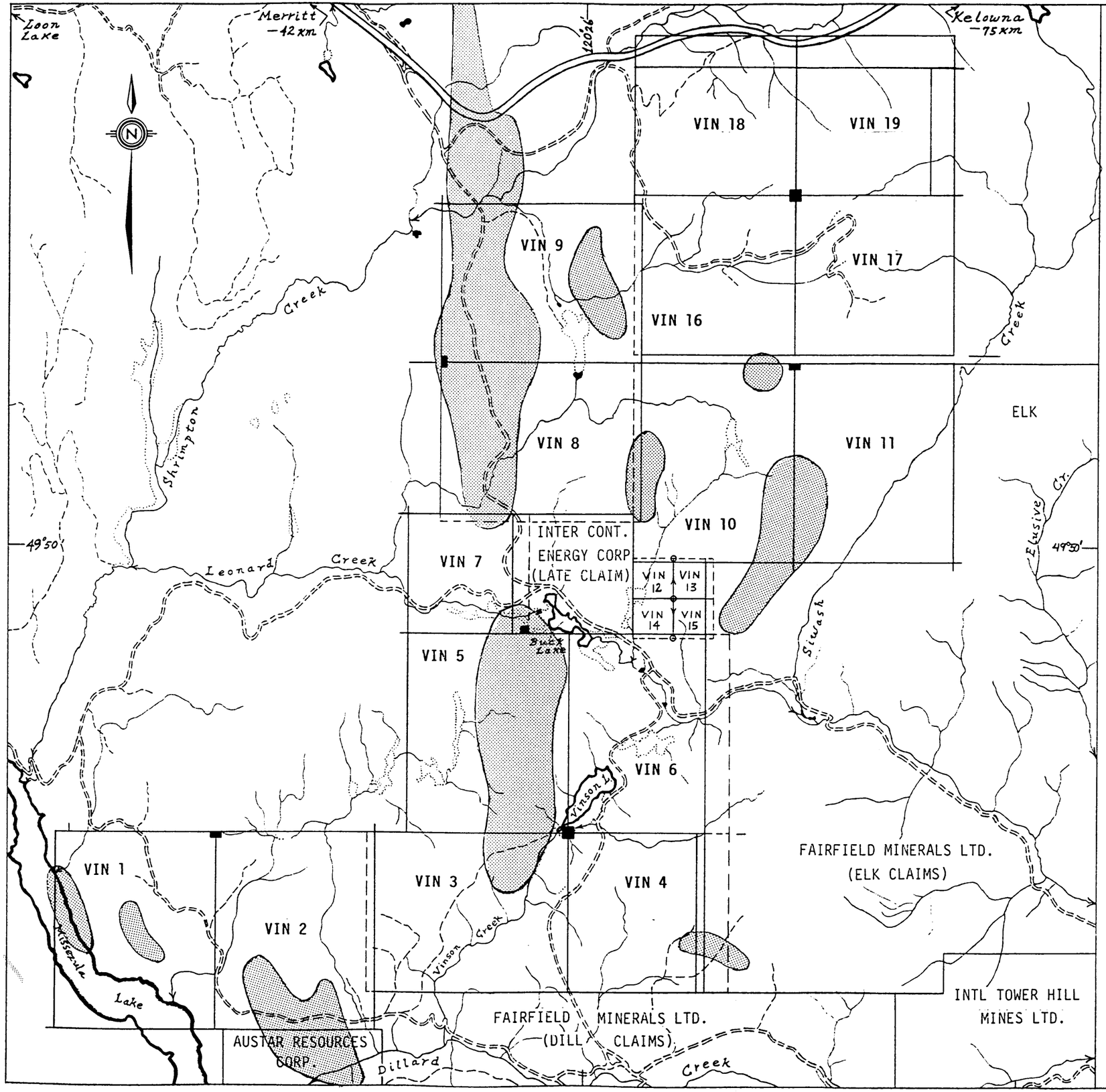
Sample Number	Mo (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	As (ppm)	Au (ppb)
C. Rock:							
Buck-R1					1.4		22
-R2					2.0		43
L265-R1					0.8		23
-R2					4.9		104
L270-R1					0.4		8
Q8-R1					0.2		6
-R2					0.3		2
-R3					0.2		6
-R4					0.3		1
Q9-R1					0.5		1
-R2					0.3		2
Q10-R1					0.4		1
-R2					0.3		4
-R3					0.2		3
Q14-R1					2.2		34
-R2 (Same site as VN91-R16)					2.5		720

6.0 GEOPHYSICS

(Figure 5)

Airborne geophysical data (1:50,000) define a number of magnetic "highs" (>58,000 gammas) lying within the property boundary. Linear magnetic trends may represent specific lithologies, possibly juxtaposed along large-scale faults, which can be important in localizing hydrothermal activity and subsequent sulfide mineralization. The two largest anomalies form a north-south feature, which transects the centre of the property. High gold values in soils on the Vin 8 claim overlap this magnetic trend. Smaller discontinuous magnetic anomalies along the north shore of Missezula Lake are part of a larger northwesterly trend and coincide with a 2100m x 800m area of copper soil geochemistry.

****



LEGEND

- Legal Corner Post(s) for 4-Post Claim
- Initial or Final Post for 2-Post Claim
- Airborne Magnetic Anomaly (=or> 58,000 gammas)
- Divided Highway
- Access Roads

FAIRFIELD MINERALS LTD.
VIN PROPERTY

AIRBORNE MAGNETIC ANOMALIES
Similkameen/Nicola Mining Divisions, B.C.
NTS: 92H/15E and 16W

Scale: 1:50,000

0 0.5 1.0 2.0 3.0 4.0
KM

By: Cordilleran Engineering Ltd.

February, 1992 Figure 5

7.0 PERSONNEL

J.R.Cormier, Geologist	Vancouver, BC	22 days sampling 34 days reprt prep.
P.Fischl, Geologist	Vancouver, BC	14 days sampling
J.Tindle, Cook/Sampler	Whistler, BC	30 days sampling
R. Champoux, Sampler	Vancouver, BC	20 days sampling
B.Watts, Sampler	Kelowna, BC	8 days sampling
R.Baldwin, Sampler	Langley, BC	22 days sampling
M.Steiner, Sampler	Coquitlam, BC	37 days sampling
E.A.Balon, Prospector	North Vancouver, BC	10 days prospecting
J.D.Rowe, Geologist	North Vancouver, BC	10 days prospecting

****

8.0 STATEMENT OF COSTS

VIN PROPERTY
(Period: March 1, 1991 to February 29, 1992)

PARTICULARS	Amount
PROFESSIONAL, TECHNICAL & GEOLOGICAL SERV	$ 46,100
SALARIES	14,710
BENEFITS	1,995
GEOCHEMICAL ANALYSIS	41,527
TRUCK RENTALS	777
CAMP EQUIPMENT & STORAGE RENTAL	4,057
RADIO RENT & LICENCES	410
OFFICE SUPPLIES, PRINTING, DRAFTING	381
TELEPHONE, POSTAGE	667
FREIGHT,EXPRESS,DELIVERY	595
INSURANCE	292
CAMP ACCOMMODATION & TRAVEL	3,880
CAMP & FIELD SUPPLIES	2,610
FOOD	1,857
PROPANE	169
VEHICLES (gasoline, repair)	430
TOTAL VIN EXPENDITURES AT FEBRUARY 29, 1992	**$120,456**

****

9.0 REFERENCES

1989 MONGER, J.W.H.:
Geology, Hope, British Columbia, GSC Map 41-1989, scale 1:250,000.

1979 PRETO, V.A.:
British Columbia Ministry of Energy, Mines and Petroleum Resources, Bulletin 69, Geology of the Nicola Group between Merritt and Princeton.

1986-1990 ROWE, J.D., BALON E.A.:
Fairfield Minerals Ltd. 1986, 1987, 1988-89, 1990 Regional Exploration Reports (unpublished).

****

10.0 STATEMENT OF QUALIFICATIONS

I, John Cormier, of Vancouver, British Columbia hereby certify that:

1. I am a geologist residing at 1873 Spyglass Place, and emplyed by Cordilleran Engineering Ltd, of 1980 - 1055 West Hastings Street, Vancuver, British Columbia V6E 2E9.

2. I have received a B.Sc. degree in Geology from St. Francis Xavier University in Antigonish, Nova Scotia in 1985.

3. I have practiced my profession for six years in Nova Scotia, New Brunswick, Ontario and British Columbia.

4. I am the author of this report and supervisor of the field work conducted on the Vin claims during the period June 29 to October 15, 1991.

CORDILLERAN ENGINEERING LTD.

John Cormier, B.Sc.,
Geologist

March, 1992
Vancouver, B.C.

11.0 ANALYTICAL RESULTS

Acme Analytical Laboratories Ltd and Placer Dome Research Centre

ACME ANALYTICAL

Cordilleran Engineering Ltd. PROJECT PROSPECTING #1 FILE # 91-2347 Page 2

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
VN91-R1	1	48	18	62	.4	13	10	510	5.86	7	5	ND	1	43	.2	2	3	118	.63	.105	2	19	1.45	73	.29	2	2.02	.03	.15	1	9
VN91-R2	1	80	4	103	.2	11	12	786	5.44	5	5	ND	1	37	.7	4	2	132	.71	.120	5	19	2.05	90	.23	3	1.92	.06	.08	1	6
VN91-R3	1	201	2	61	.3	35	24	760	4.39	5	5	ND	1	298	.5	2	2	127	3.15	.097	2	55	2.30	33	.38	5	2.32	.04	.02	1	4

ACME ANALYTICAL

Cordilleran Engineering Ltd. PROJECT PROSPECTING #2 FILE # 91-2577 Page 2

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
Q9-6A	1	108	2	53	.2	20	8	557	2.89	3	5	ND	1	79	.2	2	2	59	1.41	.074	13	32	.50	197	.09	2	3.16	.03	.11	1	2
Q9-9	1	80	7	34	.2	17	7	388	2.90	2	5	ND	1	51	.2	2	2	57	.89	.041	8	32	.45	134	.13	4	2.71	.03	.07	1	2
VN91-1	1	80	10	57	.2	26	11	801	3.00	3	5	ND	1	51	.3	2	2	69	.66	.059	16	39	.69	193	.10	2	2.70	.02	.09	1	2
VN91-2	1	96	5	58	.2	32	10	574	3.57	4	5	ND	1	50	.2	2	2	70	1.12	.056	18	45	.59	308	.11	2	3.00	.03	.11	1	3

Cordilleran Engineering Ltd. PROJECT PROSPECTING #2 FILE # 91-2577 Page 1

1980 - 1055 W. Hastings S, Vancouver BC V6E 2E9 Attn: E.A. BALON

SAMPLE#	Mo ppm	Cu ppm	Zn ppm	Ag ppm	As ppm	Au* ppb
[redacted]	[redacted]					
VN91-R4	1	414	87	.4	2	1
VN91-R5	1	952	140	.1	2	1
VN91-R6	1	6807	55	1.4	2	6
VN91-R7	1	101	82	.4	2	8

ACME ANALYTICAL

Cordilleran Engineering Ltd. PROJECT VIN #1 FILE # 91-2799 Page 2

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L179-S1	1	68	9	76	.5	17	13	718	4.53	5	24	2	4	32	.2	2	3	106	.34	.053	5	24	.49	139	.08	2	1.68	.02	.20	1	6.6

Cordilleran Engineering Ltd. PROJECT VIN #1 FILE # 91-2799 Page 1

1980 - 1055 W. Hastings S, Vancouver BC V6E 2E9 Attn: E.A. BALON

SAMPLE#	Mo ppm	Cu ppm	Zn ppm	Ag ppm	As ppm	Au* ppb
VN91-R8	1	6962	81	5.0	27	8
VN91-R9	1	3747	106	.7	16	1
VN91-R10	1	4268	112	2.1	10	8
VN91-R11	1	484	93	.5	16	2

ACME ANALYTICAL

Cordilleran Engineering Ltd. PROJECT VIN #1 FILE # 91-2799 Page 3

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L98-2A	1	67	5	48	.1	15	10	431	3.33	4	5	ND	1	68	.2	2	2	77	.98	.051	7	29	.61	199	.15	3	3.16	.03	.08	2	4.1
L98-2B	1	56	4	44	.4	13	8	409	2.83	2	5	ND	1	65	.2	2	2	65	1.02	.052	9	24	.46	136	.12	2	2.68	.03	.09	1	1.8
L178-1A	1	53	6	51	.4	13	8	394	2.97	2	9	ND	4	62	.2	2	4	70	1.06	.065	12	26	.46	193	.11	4	2.51	.03	.10	1	2.8
L178-1B	1	66	4	55	.2	16	9	514	3.17	3	5	ND	1	66	.3	2	2	76	.99	.073	13	30	.58	299	.11	5	2.39	.04	.11	1	5.1
L178-2	1	83	6	71	.3	15	11	649	4.01	4	5	ND	2	62	.5	2	2	89	1.07	.080	13	23	.41	470	.03	6	2.28	.02	.12	1	1.0
L179-1A	1	92	6	70	.4	19	12	725	4.13	2	5	ND	2	58	.4	2	4	96	1.01	.054	9	37	.64	235	.15	4	3.28	.04	.13	1	2.8
L179-2	1	141	6	70	.3	24	11	1163	3.87	4	5	ND	2	82	.8	3	3	61	1.87	.067	19	37	.63	414	.13	8	5.44	.05	.17	6	5.8
L179-3	1	111	10	75	.3	20	18	989	4.95	2	5	ND	2	76	.4	2	2	161	1.32	.083	6	42	.93	179	.18	3	3.16	.04	.10	1	5.5
VN91-3	1	93	5	55	.3	20	9	560	3.85	2	5	ND	3	58	.4	2	2	61	1.24	.037	15	36	.53	292	.14	4	4.61	.04	.13	1	5.4

Cordilleran Engineering Ltd. PROJECT PROSPECTING #3 File # 91-2904 Page 1

1980 - 1055 W. Hastings S, Vancouver BC V6E 2E9 Submitted by: J. ROWE

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
Q9-10	1	76	8	91	.3	19	11	752	3.18	4	5	ND	1	66	.2	2	2	51	1.12	.084	8	33	.50	244	.10	4	3.48	.03	.14	1	13.6
Q9-11	1	89	11	56	.3	13	5	358	2.14	4	5	ND	1	83	.2	2	2	47	2.60	.098	14	21	.34	177	.06	12	1.51	.03	.10	1	44.6

Cordilleran Engineering Ltd. PROJECT PROSPECTING #6 FILE # 91-3441 Page 2

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
Q9-11(D)	1	96	5	44	.4	13	6	567	2.10	2	5	ND	1	98	.2	2	2	50	2.74	.078	16	21	.35	231	.06	12	1.63	.03	.08	2	2.8
Q9-12	1	92	2	66	.5	15	12	593	2.56	2	5	ND	1	79	.7	2	13	71	1.81	.086	13	29	.50	313	.10	2	3.12	.03	.06	1	2.7

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
VN91-4	1	31	6	54	.3	35	10	2301	2.11	4	5	ND	1	164	.2	2	2	31	10.85	.148	5	29	.58	614	.04	21	1.01	.03	.07	1	19
VN91-5	1	49	4	53	.2	55	12	485	2.91	3	5	2	1	63	.2	2	2	63	1.55	.072	6	75	.84	253	.12	3	1.93	.04	.06	1	8
VN91-6	1	197	2	34	.4	42	8	337	1.89	2	5	ND	1	129	.2	2	2	44	3.59	.139	9	48	.84	182	.06	26	1.44	.04	.05	1	2

SAMPLE#	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Au* ppb
VN91-R12	9	2	63	.2	2	7
VN91-R13	21	4	34	.3	10	3
VN91-R14	95	13	97	.8	20	15
VN91-R15	2	24	37	.2	3	19
VN91-R16	102	42	109	3.4	161	690
VN91-R17	19	21	25	2.4	75	310
VN91-R18	1	7	6	.1	3	6
RE VN91-R15	2	24	38	.1	4	18
VN91-R19	21	25	67	.4	8	18
VN91-R20	910	9	7	2.7	4	310
VN91-R21	20	2	1	.2	2	4

AMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
VN91-R22	3	17	4	10	.1	10	3	230	.64	2	5	ND	1	13	.2	2	2	5	.14	.019	3	14	.02	365	.01	4	.08	.01	.03	26	1

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Cordilleran Engineering Ltd. PROJECT VIN #2 FILE # 91-2892 Page 1
1980 - 1055 W. Hastings S, Vancouver BC V6E 2E9

SAMPLE#	Cu ppm	Au* ppb
4400E 2500N	24	1.3
4400E 2450N	28	1.1
4400E 2400N	20	.8
4400E 2350N	33	3.0
4400E 2300N	25	2.1
4400E 2250N	23	.9
4400E 2200N	27	1.3
4400E 2150N	23	8.1
4400E 2100N	27	.2
4400E 2050N	20	1.1
4400E 2000N	25	.4
4400E 1950N	24	.9
4400E 1900N	21	2.0
4400E 1850N	28	1.8
4400E 1800N	28	.5
4400E 1750N	30	.2
4400E 1700N	40	1.0
4400E 1650N	40	.7
4400E 1600N	47	.9
4400E 1550N	22	.9
4400E 1500N	24	1.0
4400E 1450N	34	.5
4400E 1400N	28	.8
4400E 1350N	36	.9
4400E 1300N	127	1.8
4400E 1250N	98	2.1
4400E 1200N	37	1.3
4400E 1150N	30	.8
4400E 1100N	28	1.2
4400E 1050N	38	.7
4400E 1000N	39	1.2
4400E 950N	28	.7
4400E 900N	23	2.0
4400E 850N	32	1.1
4400E 800N	36	26.0
4400E 750N	27	1.9
STANDARD C/AU-S	61	46.4

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
SAMPLE TYPE: SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: JUL 26 1991 DATE REPORT MAILED: Aug 2/91

SIGNED BY..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Cu ppm	Au* ppb
4400E 700N	25	4.0
4400E 650N	23	5.4
4400E 500N	24	2.8
4500E 2700N	26	2.0
4500E 2650N	33	1.8
4500E 2600N	28	1.8
4500E 2550N	19	1.3
4500E 2535N	25	1.6
4500E 2525N	34	1.0
4500E 2500N	16	2.1
4800E 2500N	58	.7
4800E 2450N	42	1.0
4800E 2400N	39	1.2
4800E 2350N	36	1.9
4800E 2300N	34	1.6
4800E 2250N	32	1.0
4800E 2200N	38	.7
4800E 2150N	45	2.2
4800E 2100N	84	1.5
4800E 2050N	30	.7
4800E 2000N	18	1.1
4800E 1950N	29	1.7
4800E 1900N	58	1.8
4800E 1850N	20	1.9
4800E 1800N	66	1.1
4800E 1750N	22	1.0
4800E 1700N	26	.8
4800E 1650N	11	.8
4800E 1600N	18	1.1
4800E 1550N	20	1.8
4800E 1500N	55	1.4
4800E 1450N	27	1.3
4800E 1400N	61	.9
4800E 1350N	27	1.3
4800E 1300N	14	1.0
4800E 1250N	36	1.1
STANDARD C/AU-S	56	49.0

SAMPLE#	Cu ppm	Au* ppb
4800E 1200N	85	1.9
4800E 1150N	29	.8
4800E 1100N	29	1.4
4800E 1050N	34	.2
4800E 1000N	18	.9
4800E 950N	178	3.2
4800E 900N	39	2.5
4800E 850N	35	.7
4800E 800N	84	3.6
4800E 750N	47	1.4
4800E 700N	47	.2
4800E 650N	27	.7
4800E 500N	39	1.6
5200E 2500N	24	1.1
5200E 2450N	10	5.6
5200E 2400N	16	1.9
5200E 2350N	15	2.4
5200E 2300N	19	1.2
5200E 2250N	26	1.6
5200E 2200N	27	1.1
5200E 2150N	34	.7
5200E 2100N	42	.6
5200E 2050N	152	1.9
5200E 2000N	40	.6
5200E 1950N	31	.8
5200E 1900N	40	7.4
5200E 1850N	38	10.0
5200E 1800N	38	4.8
5200E 1750N	34	2.3
5200E 1700N	32	2.2
5200E 1650N	37	1.6
5200E 1600N	125	2.3
5200E 1550N	49	1.9
5200E 1500N	18	1.3
5200E 1450N	30	.8
5200E 1400N	28	1.9
STANDARD C/AU-S	58	45.5

SAMPLE#	Cu ppm	Au* ppb
5200E 1350N	26	1.7
5200E 1300N	70	1.2
5200E 1250N	45	1.5
5200E 1200N	169	1.5
5200E 1150N	41	1.6
5200E 1100N	40	1.4
5200E 1050N	39	10.2
5200E 1000N	34	1.1
5200E 950N	58	1.4
5200E 900N	24	1.7
5200E 850N	90	3.6
5200E 800N	33	1.5
5200E 750N	31	1.6
5200E 700N	31	1.9
5200E 650N	25	1.3
5200E 500N	29	1.4
5600E 2500N	26	2.7
5600E 2450N	21	1.1
5600E 2400N	28	.9
5600E 2350N	34	1.6
5600E 2300N	30	1.3
5600E 2250N	68	1.1
5600E 2200N	54	1.7
5600E 2150N	42	1.0
5600E 2100N	63	1.0
5600E 2050N	39	1.0
5600E 2000N	21	.9
5600E 1950N	27	1.0
5600E 1900N	31	1.0
5600E 1850N	30	1.5
5600E 1800N	40	1.0
5600E 1750N	34	1.1
5600E 1700N	27	1.1
5600E 1650N	29	1.1
5600E 1600N	32	1.3
5600E 1550N	28	1.6
STANDARD C/AU-S	61	47.2

SAMPLE#	Cu ppm	Au* ppb
5600E 1500N	29	3.5
5600E 1300N	274	3.9
5600E 1250N	47	1.9
5600E 1200N	37	1.1
5600E 1150N	27	.7
5600E 1100N	30	.4
5600E 1050N	27	.5
5600E 1000N	28	.2
5600E 950N	35	2.1
5600E 900N	34	1.3
5600E 850N	35	.7
5600E 800N	24	.2
5600E 750N	22	.6
5600E 500N	14	1.1
6000E 2500N	26	.4
6000E 2450N	23	1.4
6000E 2400N	26	.9
6000E 2350N	37	1.4
6000E 2300N	35	1.4
6000E 2250N	29	.2
6000E 2200N	30	1.9
6000E 2150N	27	2.0
6000E 2100N	33	1.2
6000E 2050N	31	.3
6000E 2000N	131	1.3
6000E 1950N	31	1.9
6000E 1900N	29	.9
6000E 1850N	29	1.1
6000E 1800N	34	.6
6000E 1750N	33	.2
6000E 1700N	47	.3
6000E 1650N	35	4.8
6000E 1600N	129	1.4
6000E 1550N	32	1.1
6000E 1500N	24	2.1
6000E 1450N	27	2.4
STANDARD C/AU-S	55	51.9

SAMPLE#	Cu ppm	Au* ppb
6000E 1400N	43	5.5
6000E 1350N	42	2.7
6000E 1300N	35	2.3
6000E 1250N	32	.9
6000E 1200N	36	42.3
6000E 1150N	27	2.6
6000E 1100N	28	1.4
6000E 1050N	28	6.5
6000E 1000N	33	7.3
6000E 950N	23	1.9
6000E 900N	39	1.1
6000E 850N	27	.2
6000E 800N	33	1.1
6000E 750N	25	.9
6000E 700N	28	1.3
6000E 500N	23	7.2
6400E 2500N	24	57.2
6400E 2450N	29	13.9
6400E 2400N	34	6.2
6400E 2350N	38	2.9
6400E 2300N	43	12.2
6400E 2250N	36	2.0
6400E 2200N	24	12.6
6400E 2150N	31	2.4
6400E 2100N	30	1.9
6400E 2050N	30	2.3
6400E 2000N	31	3.8
6400E 1950N	28	4.2
6400E 1900N	26	1.6
6400E 1850N	17	1.5
6400E 1800N	16	1.8
6400E 1750N	29	.6
6400E 1700N	103	3.0
6400E 1650N	34	1.2
6400E 1600N	37	3.0
6400E 1550N	57	16.1
STANDARD C/AU-S	58	48.3

SAMPLE#	Cu ppm	Au* ppb
6400E 1500N	35	3.3
6400E 1450N	43	3.4
6400E 1400N	29	1.0
6400E 1350N	26	2.6
6400E 1300N	32	1.1
6400E 1250N	32	.8
6400E 1200N	33	2.2
6400E 1150N	32	.5
6400E 1100N	45	2.3
6400E 1050N	42	.8
6400E 1000N	32	.7
6400E 950N	23	.2
6400E 900N	33	.3
6400E 850N	27	.2
6400E 800N	36	2.1
6400E 750N	59	2.7
6400E 700N	28	1.2
6400E 650N	31	.2
6400E 500N	28	1.9
6800E 2500N	44	.6
6800E 2450N	37	47.0
6800E 2400N	40	.9
6800E 2350N	55	1.4
6800E 2300N	34	5.4
6800E 2250N	61	1.4
6800E 2200N	48	7.4
6800E 2150N	62	3.0
6800E 2100N	46	2.2
6800E 2050N	24	1.3
6800E 2000N	33	8.4
6800E 1950N	64	2.0
6800E 1900N	29	1.1
6800E 1850N	30	1.4
6800E 1800N	117	.2
6800E 1750N	35	.5
6800E 1700N	41	4.1
STANDARD C/AU-S	63	47.0

SAMPLE#	Cu ppm	Au* ppb
6800E 1650N	28	2.1
6800E 1600N	47	2.6
6800E 1550N	32	1.2
6800E 1500N	37	.7
6800E 1450N	52	.2
6800E 1400N	47	.4
6800E 1350N	50	.2
6800E 1300N	56	5.8
6800E 1250N	62	.2
6800E 1200N	56	.8
6800E 1150N	41	1.8
6800E 1100N	98	1.1
6800E 1050N	67	.5
6800E 1000N	38	1.2
6800E 950N	59	139.0
6800E 900N	33	2.8
6800E 850N	67	1.0
6800E 800N	84	5.7
6800E 750N	39	8.6
6800E 700N	127	1.4
6800E 650N	55	.9
6800E 600N	31	.2
7200E 2500N	40	.2
7200E 2450N	38	.9
7200E 2400N	32	.9
7200E 2350N	30	50.9
7200E 2300N	117	10.7
7200E 2250N	80	2.1
7200E 2200N	107	2.2
7200E 2150N	42	3.4
7200E 2100N	40	14.9
7200E 2050N	35	.2
7200E 2000N	34	.2
7200E 1950N	48	.9
7200E 1900N	48	.5
7200E 1850N	49	.9
STANDARD C/AU-S	61	48.0

SAMPLE#	Cu ppm	Au* ppb
7200E 1800N	40	1.5
7200E 1750N	40	1.2
7200E 1700N	32	1.5
7200E 1650N	41	2.7
7200E 1600N	69	1.5
7200E 1550N	35	1.6
7200E 1500N	26	1.2
7200E 1450N	58	.8
7200E 1400N	41	1.0
7200E 1350N	108	2.0
7200E 1300N	35	1.0
7200E 1250N	37	3.0
7200E 1200N	156	.7
7200E 1150N	88	2.0
7200E 1100N	25	1.4
7200E 1050N	28	3.8
7200E 1000N	40	4.7
7200E 950N	98	1.5
7200E 900N	43	1.0
7200E 850N	27	.8
7200E 800N	43	7.3
7200E 750N	28	3.3
7200E 700N	22	6.3
7200E 650N	28	2.0
7200E 600N	123	3.1
7200E 500N	28	1.5
7600E 2500N	36	1.7
7600E 2450N	32	2.1
7600E 2400N	39	.9
7600E 2350N	60	2.2
7600E 2300N	128	1.6
7600E 2250N	110	.9
7600E 2200N	288	2.3
7600E 2150N	116	1.7
7600E 2100N	32	1.1
7600E 2050N	39	.9
STANDARD C/AU-S	60	47.0

SAMPLE#	Cu ppm	Au* ppb
7600E 2000N	102	1.2
7600E 1950N	30	1.5
7600E 1900N	52	4.3
7600E 1850N	172	10.8
7600E 1800N	75	2.3
7600E 1750N	40	1.1
7600E 1700N	34	1.6
7600E 1650N	46	1.1
7600E 1600N	33	1.4
7600E 1550N	33	1.7
7600E 1500N	18	1.3
7600E 1450N	33	1.5
7600E 1400N	37	2.0
7600E 1350N	43	1.5
7600E 1300N	34	1.0
7600E 1250N	44	.8
7600E 1200N	51	1.4
7600E 1150N	63	1.1
7600E 1100N	119	3.1
7600E 1050N	459	6.1
7600E 1000N	53	2.3
7600E 950N	45	1.7
7600E 900N	34	1.2
7600E 850N	25	1.1
7600E 800N	47	1.0
7600E 750N	27	1.4
7600E 700N	31	1.3
7600E 650N	25	1.3
7600E 600N	15	1.2
7600E 500N	17	1.2
8000E 2500N	34	.9
8000E 2450N	106	1.2
8000E 2400N	109	.6
8000E 2350N	28	1.3
8000E 2300N	29	1.2
8000E 2250N	65	.9
STANDARD C/AU-S	59	47.0

SAMPLE#	Cu ppm	Au* ppb
8000E 2200N	82	2.1
8000E 2150N	38	3.2
8000E 2100N	80	2.5
8000E 2050N	68	1.9
8000E 2000N	58	1.6
8000E 1950N	46	4.8
8000E 1900N	39	5.0
8000E 1850N	70	2.2
8000E 1800N	28	1.0
8000E 1750N	45	2.0
8000E 1700N	33	2.9
8000E 1650N	29	2.8
8000E 1600N	29	1.7
8000E 1550N	39	3.4
8000E 1500N	77	1.2
8000E 1450N	124	1.8
8000E 1400N	98	3.4
8000E 1350N	84	19.4
8000E 1300N	92	2.0
8000E 1250N	39	1.2
8000E 1200N	30	3.7
8000E 1150N	29	2.2
8000E 1100N	34	2.8
8000E 1050N	34	1.1
8000E 1000N	36	3.2
8000E 950N	28	1.8
8000E 900N	35	2.0
8000E 850N	32	4.4
8000E 800N	91	4.6
8000E 750N	74	5.0
8000E 700N	37	.5
8000E 650N	54	2.2
8000E 600N	26	5.1
8000E 500N	28	2.2
STANDARD C/AU-S	58	51.0

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Cordilleran Engineering Ltd. PROJECT VIN #3 FILE # 91-3486 Page 1
1980 - 1055 W. Hastings S, Vancouver BC V6E 2E9

SAMPLE#	Cu ppm	Au* ppb
2800E 2500N	74	2.0
2800E 2450N	47	3.1
2800E 2400N	44	10.7
2800E 2350N	39	1.4
2800E 2300N	40	.3
2800E 2250N	41	1.9
2800E 2200N	43	.5
2800E 2150N	25	.5
2800E 2050N	54	1.7
2800E 2000N	28	.7
2800E 1950N	26	.5
2800E 1900N	22	.6
2800E 1850N	30	.5
2800E 1800N	25	.2
2800E 1750N	20	.6
2800E 1700N	25	.2
2800E 1650N	57	1.5
2800E 1600N	33	.6
2800E 1550N	196	.9
2800E 1500N	28	.2
2800E 1450N	39	.2
2800E 1400N	23	.8
2800E 1350N	21	.2
2800E 1300N	17	.2
RE 2800E 1500N	25	.7
2800E 1250N	15	.6
2800E 1200N	69	2.2
2800E 1150N	13	.2
2800E 1100N	15	.3
2800E 1050N	17	.8
2800E 1000N	16	.3
2800E 950N	17	.6
2800E 900N	15	.2
2800E 850N	14	5.2
2800E 800N	16	.3
2800E 750N	9	.2
2800E 700N	23	2.6
STANDARD C/AU-S	63	49.0

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. AU IS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
SAMPLE TYPE: SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: AUG 14 1991 DATE REPORT MAILED: Aug 21/91 RECEIVED

SIGNED BY. . . . . D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS AUG 22 1991

SAMPLE#	Cu ppm	Au* ppb
2800E 650N	15	1.5
RE 2800E 400N	89	1.5
2800E 600N	32	1.8
2800E 550N	14	.9
2800E 500N	15	.5
2800E 450N	211	8.3
2800E 400N	94	1.2
2800E 350N	28	.7
2800E 300N	26	.6
2800E 250N	28	.5
2800E 200N	22	.2
2800E 150N	18	9.4
2800E 100N	20	4.7
2800E 000N	19	1.1
3200E 2500N	18	1.1
3200E 2450N	16	.3
3200E 2400N	11	.8
3200E 2350N	21	1.1
3200E 2300N	21	.8
3200E 2250N	27	1.8
3200E 2200N	137	1.6
3200E 2150N	122	2.8
3200E 2100N	29	2.6
3200E 2050N	35	1.4
3200E 2000N	38	4.0
3200E 1950N	32	.9
3200E 1900N	29	10.8
3200E 1850N	29	6.4
3200E 1800N	24	2.5
3200E 1750N	31	.6
3200E 1700N	25	.9
3200E 1650N	67	.2
3200E 1600N	30	.5
3200E 1550N	29	.8
3200E 1500N	30	.2
3200E 1450N	170	2.1
3200E 1400N	22	.6
STANDARD C/AU-S	57	46.2

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
3200E 1350N	18	1.0
RE 3200E 1100N	22	1.8
3200E 1300N	17	.2
3200E 1250N	19	3.5
3200E 1200N	21	7.6
3200E 1150N	17	10.8
3200E 1100N	22	.6
3200E 1050N	20	.2
3200E 1000N	21	.7
3200E 950N	18	1.2
3200E 900N	26	1.7
3200E 850N	27	.2
3200E 800N	19	2.3
3200E 750N	25	.6
3200E 700N	21	.4
3200E 650N	20	.8
3200E 600N	23	.3
3200E 550N	18	1.6
3200E 500N	14	.2
3200E 450N	22	.2
3200E 350N	33	26.6
3200E 300N	20	1.2
3200E 250N	32	1.0
3200E 200N	23	.4
3200E 150N	30	.7
3200E 100N	24	.2
3200E 000N	17	.7
3600E 2500N	27	.2
3600E 2450N	23	.8
3600E 2400N	14	1.6
3600E 2350N	18	.4
3600E 2300N	52	.7
3600E 2250N	22	1.0
3600E 2150N	27	.6
3600E 2100N	62	4.4
3600E 2050N	53	3.0
3600E 2000N	30	4.0
STANDARD C/AU-S	60	50.7

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
3600E 1950N	24	1.0
3600E 1900N	30	1.8
3600E 1850N	128	.8
3600E 1800N	24	.3
3600E 1750N	32	.8
3600E 1700N	41	.3
3600E 1650N	30	.9
3600E 1600N	39	.2
3600E 1550N	151	1.3
3600E 1500N	31	.9
3600E 1450N	67	1.2
3600E 1400N	58	5.8
3600E 1350N	31	.5
3600E 1300N	32	.5
3600E 1250N	37	1.3
3600E 1200N	34	4.8
3600E 1150N	48	.2
3600E 1100N	29	.2
3600E 1050N	39	8.7
3600E 1000N	36	.2
3600E 950N	46	1.3
3600E 900N	32	1.3
3600E 850N	36	4.7
3600E 800N	35	1.5
3600E 750N	33	1.0
3600E 700N	39	.3
3600E 650N	37	2.2
3600E 600N	37	.9
3600E 550N	29	.5
3600E 500N	28	3.6
3600E 450N	33	.2
3600E 400N	17	3.5
3600E 350N	32	1.1
RE 3600E 550N	30	.6
3600E 300N	41	1.3
3600E 250N	33	.2
3600E 200N	31	.7
STANDARD C/AU-S	63	53.6

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
3600E 150N	43	1.6
3600E 100N	28	1.0
3600E 000N	19	.9
4000E 2500N	16	3.7
4000E 2450N	21	3.3
4000E 2400N	24	.6
4000E 2350N	20	1.2
4000E 2300N	21	.8
4000E 2250N	20	1.1
4000E 2200N	23	1.8
4000E 2150N	19	.8
4000E 2100N	25	.4
4000E 2050N	26	2.2
4000E 2000N	23	.5
4000E 1950N	26	.7
4000E 1900N	25	1.2
4000E 1850N	23	.3
4000E 1800N	75	1.5
4000E 1750N	17	.6
4000E 1700N	16	.6
4000E 1650N	43	.4
4000E 1600N	128	1.1
4000E 1550N	42	1.2
4000E 1500N	25	.4
RE 4000E 1700N	16	.5
4000E 1450N	22	.8
4000E 1400N	19	1.9
4000E 1350N	28	1.3
4000E 1300N	25	.3
4000E 1250N	24	.3
4000E 1200N	27	.9
4000E 1150N	33	.8
4000E 1100N	30	.6
4000E 1050N	22	1.1
4000E 1000N	18	1.6
4000E 950N	24	2.3
4000E 900N	21	.2
STANDARD C/AU-S	58	51.4

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
4000E 850N	30	4.3
4000E 800N	34	1.2
4000E 750N	42	1.5
4000E 700N	38	3.5
RE 4000E 700N	36	1.0
4000E 650N	28	.7
4000E 600N	50	.6

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
4500E 5000N	23	2.4
4500E 4950N	32	.9
4500E 4900N	22	1.3
4500E 4850N	45	1.1
4500E 4800N	33	1.2
4500E 4750N	33	3.0
4500E 4700N	32	1.5
4500E 4650N	40	1.0
4500E 4600N	44	3.3
4500E 4550N	45	1.1
4500E 4500N	32	3.3
4500E 4450N	20	1.0
4500E 4400N	55	4.0
4500E 4350N	41	1.3
4500E 4300N	24	.9
4500E 4250N	46	2.5
4500E 4200N	34	1.5
4500E 4150N	34	.6
4500E 4100N	41	2.0
4500E 4050N	31	1.4
4500E 4000N	35	1.9
4500E 3950N	31	1.1
4500E 3900N	56	1.4
4500E 3850N	62	1.6
4500E 3800N	50	1.4
4500E 3750N	28	1.4
4500E 3700N	35	2.2
4500E 3650N	25	1.7
4500E 3600N	38	2.0
4500E 3550N	29	.9
4500E 3500N	25	1.6
4500E 3450N	30	1.8
4500E 3400N	30	2.5
4500E 3350N	26	3.2
4500E 3300N	23	1.5
RE 4500E 3500N	26	3.0
4500E 3250N	32	3.9
STANDARD C/AU-S	61	51.4

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
4500E 3200N	23	.7
4500E 3150N	27	2.9
4500E 3050N	27	1.4
RE 4500E 3000N	32	.8
4500E 3000N	34	1.8
4500E 2950N	24	.9
4500E 2900N	30	3.7
4500E 2850N	51	1.2
4500E 2800N	34	.9
4500E 2750N	40	.4

Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
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Cordilleran Engineering Ltd. PROJECT VIN #4 FILE # 91-3487 Page 1
1980 - 1055 W. Hastings S, Vancouver BC V6E 2E9 Attn: JOHN CORMIER

SAMPLE#	Cu ppm	Au* ppb
2000E 2500N	29	5.7
2000E 2450N	26	1.8
2000E 2400N	30	.9
2000E 2350N	33	.6
2000E 2300N	28	1.1
2000E 2250N	23	1.2
2000E 2200N	17	.2
2000E 2150N	35	.6
2000E 2100N	37	1.7
2000E 2050N	19	1.6
2000E 2000N	17	.6
2000E 1950N	38	2.3
2000E 1900N	22	1.1
2000E 1850N	12	1.0
2000E 1800N	23	.7
2000E 1750N	68	2.5
2000E 1700N	21	8.6
2000E 1650N	28	.4
2000E 1600N	16	2.0
2000E 1550N	26	4.5
2000E 1500N	26	.9
2000E 1450N	21	.4
2000E 1400N	17	1.3
2000E 1350N	31	.5
2000E 1300N	19	.4
2000E 1250N	22	.2
2000E 1200N	24	4.6
2000E 1150N	20	2.4
2000E 1100N	24	.5
2000E 1050N	21	.5
2000E 1000N	16	1.2
2000E 950N	21	1.0
2000E 900N	24	.7
2000E 850N	18	.9
2000E 800N	57	1.0
RE 2000E 950N	23	.8
2000E 750N	18	.5
STANDARD C/AU-S	62	46.2

°° - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. .S LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
SAMPLE TYPE: SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: AUG 14 1991 DATE REPORT MAILED: Aug 21/91 RECEIVED AUG 22 1991

SIGNED BY..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Cu ppm	Au* ppb
2000E 700N	33	3.3
2000E 650N	43	1.6
2000E 600N	96	2.1
2000E 550N	34	2.3
2000E 500N	16	1.1
2000E 450N	20	.6
2000E 400N	24	.4
2000E 350N	18	1.2
2000E 300N	20	1.3
2000E 250N	46	1.2
2000E 200N	116	1.8
2000E 000N	63	.8
2400E 2500N	23	.3
2400E 2450N	158	46.2
2400E 2400N	23	3.7
2400E 2350N	27	1.8
2400E 2300N	40	1.8
2400E 2250N	19	.7
2400E 2200N	26	1.0
2400E 2150N	58	1.1
2400E 2100N	40	79.3
2400E 2050N	52	3.3
2400E 2000N	23	84.4
2400E 1950N	10	1.7
2400E 1900N	18	13.5
2400E 1850N	18	30.0
2400E 1800N	19	25.9
2400E 1750N	25	10.9
RE 2400E 1900N	19	1.9
2400E 1700N	20	1.2
2400E 1650N	17	6.2
2400E 1600N	27	2.4
2400E 1550N	44	.8
2400E 1500N	24	2.0
2400E 1450N	17	26.7
2400E 1400N	23	3.3
2400E 1350N	41	1.0
STANDARD C/AU-S	60	53.5

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
2400E 1300N	23	290.0
2400E 1250N	18	64.4
2400E 1200N	14	620.0
2400E 1150N	17	150.0
2400E 1100N	17	25.0
2400E 1050N	19	660.0
RE 2400E 800N	19	33.6
2400E 1000N	30	4.4
2400E 950N	20	100.0
2400E 900N	15	1.6
2400E 850N	13	2.0
2400E 800N	20	101.8
2400E 750N	17	1370.0
2400E 700N	18	190.0
2400E 650N	16	740.0
2400E 600N	13	6230.0
2400E 550N	16	640.0
2400E 500N	15	420.0
2400E 450N	81	17.0
2400E 400N	39	3.9
2400E 350N	20	200.0
2400E 300N	15	4.1
2400E 250N	52	3.4
2400E 200N	15	38.4
2400E 150N	12	65.8
2400E 000N	20	4.6
4800E 8400N	17	22.3
4800E 8300N	17	180.0
4800E 8250N	49	3.5
4800E 8200N	59	3.1
4800E 8150N	53	5.8
4800E 8100N	109	4.9
4800E 8050N	30	2.3
4800E 8000N	48	2.0
4800E 7950N	40	1.6
4800E 7900N	81	2.4
4800E 7850N	94	130.0
STANDARD C/AU-S	57	49.7

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
4800E 7800N	76	2.5
4800E 7750N	27	67.3
4800E 7700N	26	1.5
4800E 7650N	18	1.8
4800E 7600N	42	1.1
4800E 7550N	24	1.8
4800E 7500N	29	1.3
4800E 7450N	42	3.6
4800E 7400N	66	3.7
4800E 7350N	42	1.5
4800E 7300N	31	.7
4800E 7250N	43	3.3
4800E 7200N	51	4.4
4800E 7150N	49	3.8
4800E 7100N	34	1.3
4800E 7050N	36	1.4
4800E 7000N	58	2.7
4800E 6950N	45	5.1
4800E 6900N	27	2.3
4800E 6850N	60	4.1
4800E 6800N	81	4.1
4800E 6750N	67	1.7
4800E 6700N	23	2.1
4800E 6650N	27	1.7
4800E 6600N	72	2.0
4800E 6550N	89	2.1
4800E 6500N	63	64.4
4800E 6450N	29	1.9
4800E 6400N	32	3.4
5000E 8400N	30	1.6
5000E 8250N	76	.9
5000E 8200N	23	1.0
RE 4800E 6450N	28	1.3
5000E 8150N	29	.8
5000E 8100N	34	2.0
5000E 8050N	48	3.3
5000E 8000N	22	1.6
STANDARD C/AU-S	62	50.1

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
5000E 7950N	19	2.1
5000E 7900N	15	1.3
5000E 7850N	18	1.6
5000E 7800N	23	2.0
RE 5000E 7600N	26	1.2
5000E 7750N	23	1.1
5000E 7700N	34	5.2
5000E 7650N	22	1.4
5000E 7600N	29	1.5
5000E 7550N	34	1.2
5000E 7500N	27	1.0
5000E 7450N	62	11.5
5000E 7400N	25	28.4
5000E 7350N	21	3.1
5000E 7300N	18	1.1
5000E 7250N	74	1.5
5000E 7200N	27	1.3
5000E 7150N	34	2.7
5000E 7100N	38	3.0
5000E 7050N	50	2.7
5000E 7000N	41	117.0
5000E 6950N	42	56.0
5000E 6900N	29	6.1
5000E 6850N	37	2.8
5000E 6800N	28	2.7
5000E 6750N	22	2.0
5000E 6700N	21	2.4
5000E 6650N	16	2.8
5000E 6600N	28	6.4
5000E 6550N	19	60.1
5000E 6500N	29	4.6
5000E 6450N	25	2.6
5000E 6400N	24	1.4
5200E 8400N	29	.6
5200E 8350N	19	1.6
5200E 8300N	22	2.0
5200E 8250N	19	1.5
STANDARD C/AU-S	57	49.9

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
5200E 8200N	19	2.8
5200E 8150N	12	1.9
5200E 8100N	13	3.4
5200E 8050N	20	6.3
5200E 8000N	30	1.5
5200E 7950N	29	2.5
5200E 7900N	26	4.5
5200E 7800N	29	1.6
RE 5200E 7350N	22	9.5
5200E 7750N	23	.9
5200E 7700N	23	1.0
5200E 7450N	19	1.1
5200E 7400N	24	.8
5200E 7350N	22	44.6
5200E 7300N	21	9.3
5200E 7250N	18	2.8
5200E 7200N	29	3.9
5200E 7150N	24	52.3
5200E 7100N	22	7.6
5200E 7050N	20	23.9
5200E 7000N	26	3.4
5200E 6950N	15	10.6
5200E 6900N	19	4.1
5200E 6750N	24	1.9
5200E 6700N	16	.9
5200E 6650N	30	1.9
5200E 6600N	27	39.1
5200E 6550N	23	3.7
5200E 6500N	22	2.2
5200E 6450N	78	8.5
5200E 6350N	20	8.5
5200E 6300N	30	3.2
5200E 6250N	27	8.3
5200E 6200N	27	2.7
5200E 6150N	20	1.7
5200E 6100N	24	162.3
5200E 6050N	21	12.1
STANDARD C/AU-S	57	45.6

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
5200E 6000N	18	2.2
5200E 5950N	19	2.1
5200E 5900N	23	2.1
5200E 5850N	19	4.4
5200E 5800N	23	1.6
5200E 5750N	22	1.1
5200E 5700N	20	14.9
5200E 5650N	21	3.3
5200E 5600N	22	1.1
5200E 5550N	23	2.2
5200E 5450N	21	2.8
5400E 8400N	16	1.0
5400E 8390N	10	1.0
5400E 8350N	7	1.5
5400E 8300N	15	.5
5400E 8250N	18	.3
5400E 8200N	18	2.3
5400E 8150N	19	2.2
5400E 8100N	46	4.8
5400E 8050N	16	3.7
5400E 8000N	15	3.6
5400E 7950N	37	1.4
5400E 7900N	14	1.7
5400E 7850N	18	.9
5400E 7800N	11	1.2
5400E 7750N	14	.7
5400E 7700N	13	1.9
5400E 7650N	24	1.2
5400E 7600N	12	1.2
5400E 7550N	17	.8
5400E 7500N	91	1.4
5400E 7450N	19	1.5
5400E 7400N	16	.9
5400E 7350N	21	2.6
RE 5400E 7550N	16	1.7
5400E 7300N	14	6.4
5400E 7250N	13	3.8
STANDARD C/AU-S	59	46.5

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
5400E 7200N	19	1.3
5400E 7150N	113	1.3
5400E 7100N	16	.5
5400E 7050N	61	.8
5400E 7000N	61	6.7
5400E 6950N	24	1.3
5400E 6900N	15	1.8
5400E 6850N	13	.8
5400E 6800N	19	1.0
5400E 6750N	21	1.6
5400E 6700N	22	1.6
5400E 6650N	26	.8
5400E 6600N	27	.7
5400E 6550N	24	1.0
5400E 6500N	26	2.5
5400E 6450N	26	13.2
5400E 6400N	20	2.4
5600E 8400N	18	2.7
5600E 8350N	10	.3
5600E 8300N	22	.9
5600E 8250N	17	1.7
5600E 8200N	28	4.0
5600E 8150N	33	1.2
5600E 8100N	26	.2
5600E 8050N	12	1.1
5600E 8000N	20	.5
5600E 7950N	13	.7
5600E 7900N	269	1.7
RE 5600E 8050N	14	2.3
5600E 7850N	14	1.4
5600E 7800N	26	4.6
5600E 7750N	15	1.8
5600E 7700N	17	.3
5600E 7650N	28	4.7
5600E 7600N	14	.7
5600E 7550N	18	1.1
5600E 7500N	18	1.1
STANDARD C/AU-S	56	46.4

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
5600E 7450N	20	15.8
5600E 7400N	21	3.2
5600E 7350N	15	2.6
5600E 7300N	11	1.1
5600E 7250N	16	1.8
5600E 7200N	17	1.7
5600E 7150N	19	5.5
5600E 7100N	16	1.0
5600E 7050N	15	1.2
5600E 7000N	12	1.7
5600E 6950N	20	1.0
5600E 6900N	19	1.2
5600E 6850N	13	1.6
5600E 6800N	17	2.0
5600E 6750N	16	1.7
5600E 6700N	17	1.4
5600E 6650N	17	1.4
5600E 6600N	60	2.6
5600E 6550N	25	1.2
5600E 6500N	24	2.0
5600E 6450N	23	4.1
5600E 6400N	11	.8
5800E 8400N	24	3.8
5800E 8350N	91	1.0
5800E 8300N	50	3.7
5800E 8250N	58	.7
RE 5600E 6400N	13	.2
5800E 8200N	32	1.2
5800E 8150N	40	11.9
5800E 8100N	38	2.5
5800E 8050N	19	3.0
5800E 8000N	21	1.1
5800E 7950N	16	1.8
5800E 7900N	12	1.5
5800E 7850N	19	.7
5800E 7800N	36	2.1
5800E 7750N	55	2.8
STANDARD C/AU-S	60	45.9

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
5800E 7700N	30	2.1
5800E 7650N	31	1.8
5800E 7600N	10	5.5
5800E 7550N	19	3.6
5800E 7500N	15	2.3
5800E 7450N	13	1.8
5800E 7400N	17	1.7
5800E 7350N	17	1.7
5800E 7300N	20	24.6
RE 5800E 6750N	21	38.3
5800E 7250N	19	2.8
5800E 7200N	18	1.6
5800E 7150N	23	1.9
5800E 7100N	20	1.8
5800E 6900N	126	3.2
5800E 6850N	22	1.3
5800E 6800N	21	2.7
5800E 6750N	19	40.9
5800E 6700N	26	2.6
5800E 6650N	83	5.0
5800E 6600N	21	2.6
5800E 6550N	24	3.3
5800E 6500N	24	2.0
5800E 6450N	26	2.4
5800E 6400N	18	1.1
6000E 8400N	54	.6
6000E 8350N	16	.7
6000E 8300N	63	1.2
6000E 8250N	30	2.4
6000E 8200N	30	.3
6000E 8150N	21	1.2
6000E 8100N	22	4.1
6000E 8050N	40	1.0
6000E 8000N	34	2.3
6000E 7950N	95	5.6
6000E 7900N	16	1.2
6000E 7850N	26	1.6
STANDARD C/AU-S	57	47.8

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
6000E 7800N	21	.4
RE 6000E 7600N	23	.2
6000E 7750N	25	2.1
6000E 7700N	26	.5
6000E 7650N	14	.2
6000E 7600N	23	3.2
6000E 7550N	22	1.0
6000E 7500N	18	2.4
6000E 7450N	24	1.8
6000E 7400N	22	.6
6000E 7350N	18	.6
6000E 7300N	18	1.1
6000E 7250N	15	.6
6000E 7200N	22	1.1
6000E 7150N	17	.5
6000E 7100N	19	1.5
6000E 7050N	16	1.7
6000E 7000N	15	20.9
6000E 6900N	14	2.0
6000E 6850N	19	1.2
6000E 6800N	31	1.5
6000E 6750N	55	5.5
6000E 6700N	21	1.0
6000E 6650N	19	1.1
6000E 6600N	27	1.0
6000E 6550N	22	2.2
6000E 6500N	17	3.4
6000E 6400N	18	.2
6200E 8400N	22	.2
6200E 8350N	25	1.5
6200E 8300N	28	1.1
6200E 8250N	24	.7
6200E 8200N	26	.6
6200E 8150N	33	2.0
6200E 8100N	23	1.6
6200E 8050N	49	2.0
6200E 8000N	19	1.3
STANDARD C/AU-S	59	46.9

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
6200E 7950N	21	8.3
6200E 7900N	27	3.5
6200E 7850N	32	3.3
6200E 7800N	23	3.5
6200E 7750N	24	2.3
6200E 7700N	29	3.9
6200E 7650N	21	4.0
6200E 7600N	24	3.1
6200E 7550N	23	2.1
6200E 7500N	22	23.1
6200E 7450N	24	2.3
6200E 7350N	33	2.8
6200E 7300N	20	1.3
6200E 7250N	24	3.2
6200E 7200N	15	1.9
6200E 7150N	22	2.7
6200E 7100N	7	2.2
6200E 7050N	36	2.3
6200E 7000N	13	2.1
RE 6200E 7050N	36	3.1
6200E 6950N	11	2.1
6200E 6900N	25	2.1
6200E 6850N	25	2.8
6200E 6800N	30	2.2
6200E 6750N	16	7.6
6200E 6700N	36	8.8
6200E 6650N	31	2.3
6200E 6500N	17	1.8
6270E 6400N	16	2.1
6400E 8400N	42	1.2
6400E 8300N	30	1.9
6400E 8250N	20	4.2
6400E 8200N	24	3.1
6400E 8150N	23	4.1
6400E 8100N	26	5.3
6400E 8050N	22	1.4
6400E 8000N	163	1.2
STANDARD C/AU-S	58	52.3

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
6400E 7950N	38	6.1
6400E 7900N	27	3.4
6400E 7850N	19	5.8
6400E 7800N	15	2.5
6400E 7750N	25	2.1
6400E 7700N	24	2.1
RE 6400E 7450N	56	6.9
6400E 7650N	23	1.5
6400E 7600N	23	1.5
6400E 7550N	117	75.0
6400E 7500N	23	7.0
6400E 7450N	59	4.0
6400E 7350N	27	1.8
6400E 7300N	22	2.7
6400E 7250N	20	1.5
6400E 7200N	35	1.3
6400E 7150N	31	2.1
6400E 7100N	17	1.8
6400E 7050N	49	9.2
6400E 7000N	23	2.1
6400E 6950N	23	1.6
6400E 6900N	19	1.2
6400E 6850N	49	2.8
6400E 6800N	27	1.3
6400E 6750N	26	1.7
6400E 6700N	25	1.6
6400E 6650N	23	2.5
6400E 6600N	68	1.5
6400E 6550N	29	5.3
6400E 6500N	19	1.8
6400E 6450N	20	.9
6400E 6400N	16	1.4
6600E 8400N	20	3.9
6600E 8350N	17	1.4
6600E 8300N	29	2.0
6600E 8250N	24	1.9
6600E 8200N	31	3.6
STANDARD C/AU-S	61	46.5

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
6600E 8150N	13	3.9
6600E 8100N	15	2.0
6600E 8050N	40	2.2
6600E 8000N	22	4.3
6600E 7950N	17	3.8
6600E 7900N	27	2.2
6600E 7850N	16	1.5
6600E 7800N	52	3.3
6600E 7750N	21	2.6
6600E 7700N	19	3.8
6600E 7650N	16	2.7
6600E 7600N	28	2.2
6600E 7550N	23	1.1
6600E 7500N	23	.8
6600E 7450N	21	1.5
6600E 7400N	12	1.6
6600E 7350N	9	.7
6600E 7300N	26	1.4
6600E 7250N	59	3.5
6600E 7200N	48	6.6
6600E 7150N	27	1.9
6600E 7100N	15	3.1
6600E 7050N	16	1.7
6600E 7000N	11	1.0
6600E 6950N	28	.9
RE 6600E 7050N	16	2.4
6600E 6900N	14	1.5
6600E 6850N	22	1.0
6600E 6800N	16	1.0
6600E 6750N	31	14.5
6600E 6700N	17	1.4
6600E 6650N	24	3.8
6600E 6600N	15	3.0
6600E 6550N	19	5.2
6600E 6500N	20	2.1
6600E 6400N	9	1.4
STANDARD C/AU-S	59	48.6

Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
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GEOCHEMICAL ANALYSIS CERTIFICATE

Cordilleran Engineering Ltd. PROJECT VIN #4 FILE # 91-3487R Page 1
1980 - 1055 W. Hastings S, Vancouver BC V6E 2E9

SAMPLE#	AU* ppb
2400E 2500N	2.0
2400E 2450N	5.8
2400E 2400N	2.4
2400E 2350N	3.6
2400E 2300N	2.3
2400E 2250N	1.8
2400E 2200N	2.5
2400E 2150N	39.6
2400E 2100N	2.5
2400E 2050N	2.2
2400E 2000N	6.6
2400E 1950N	1.0
2400E 1900N	7.3
2400E 1850N	1.4
2400E 1800N	1.6
2400E 1750N	2.2
RE 2400E 1950N	1.9
2400E 1700N	1.5
2400E 1650N	37.1
2400E 1600N	4.1
2400E 1550N	1.9
2400E 1500N	1.9
2400E 1450N	4.0
2400E 1400N	2.9
2400E 1350N	1.1
STANDARD AU-S	46.1

- SAMPLE TYPE: SOIL PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.
Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: AUG 28 1991 DATE REPORT MAILED: Aug 30/91.

SIGNED BY. C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	AU* ppb
2400E 1300N	58.2
2400E 1250N	17.0
2400E 1200N	300.0
2400E 1150N	170.0
2400E 1100N	410.0
2400E 1050N	150.0
RE 2400E 850N	270.0
2400E 1000N	4.6
2400E 950N	190.0
2400E 900N	5.9
2400E 850N	3.3
2400E 800N	2.4
2400E 750N	190.0
2400E 700N	120.0
2400E 650N	380.0
2400E 600N	3010.0
2400E 550N	170.0
2400E 500N	490.0
2400E 450N	5.7
2400E 400N	3.6
2400E 350N	2.2
2400E 300N	2.8
2400E 250N	2.7
2400E 200N	1.5
2400E 150N	1.5
2400E 000N	1.3
STANDARD AU-S	47.6

Samples beginning 'RE' are duplicate samples.

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GEOCHEMICAL ANALYSIS CERTIFICATE

Cordilleran Engineering Ltd. PROJECT VIN #5 FILE # 91-3488 Page 1
1980 - 1055 W. Hastings S, Vancouver BC V6E 2E9 Attn: JOHN CORMIER

SAMPLE#	Cu ppm	Au* ppb
1600E 2500N	39	4.9
1600E 2450N	27	.2
1600E 2400N	83	.3
1600E 2350N	61	2.4
1600E 2300N	42	.4
1600E 2250N	37	1.4
1600E 2200N	19	1.1
1600E 2150N	91	1.1
1600E 2100N	80	.3
1600E 2050N	17	2.8
1600E 2000N	17	.7
1600E 1950N	24	.8
1600E 1900N	22	2.3
1600E 1850N	45	.2
1600E 1800N	46	.4
1600E 1750N	63	4.5
1600E 1700N	32	.4
1600E 1650N	29	.4
1600E 1600N	48	6.1
1600E 1550N	63	2.4
1600E 1500N	210	2.5
1600E 1450N	115	1.0
1600E 1400N	86	3.0
1600E 1350N	68	1.0
1600E 1300N	33	.8
1600E 1250N	148	2.1
1600E 1200N	107	.6
1600E 1150N	94	1.9
1600E 1100N	76	2.4
1600E 1050N	136	.5
1600E 1000N	26	2.0
1600E 950N	75	3.3
RE 1600E 1150N	92	1.2
1600E 900N	74	.7
1600E 850N	52	.6
1600E 800N	31	.6
1600E 750N	52	.7
STANDARD C/AU-S	60	45.8

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: AUG 14 1991 DATE REPORT MAILED: Aug 21/91

SIGNED BY. D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Cu ppm	Au* ppb
1600E 700N	39	.2
1600E 650N	56	2.4
4800E 10400N	22	1.3
4800E 10300N	30	.2
4800E 10250N	19	1.3
4800E 10200N	22	1.0
4800E 10150N	17	.8
4800E 10100N	33	1.3
4800E 10050N	26	1.3
RE 4800E 9750N	52	.2
4800E 10000N	37	.2
4800E 9950N	32	2.1
4800E 9900N	54	1.0
4800E 9800N	63	1.4
4800E 9750N	58	.2
4800E 9700N	78	.9
4800E 9650N	22	1.5
4800E 9600N	15	1.7
4800E 9550N	11	1.0
4800E 9500N	15	1.1
4800E 9450N	17	.9
4800E 9400N	32	1.5
4800E 9300N	12	1.0
4800E 9250N	31	1.8
4800E 9200N	27	.2
4800E 9150N	32	.2
4800E 9100N	18	.2
4800E 9050N	9	.7
4800E 9000N	12	.2
4800E 8950N	17	.8
4800E 8900N	11	.7
4800E 8850N	47	1.0
4800E 8800N	15	.2
4800E 8750N	15	.5
4800E 8700N	18	.3
4800E 8650N	19	1.6
4800E 8600N	68	3.2
STANDARD C/AU-S	58	45.8

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
4800E 8550N	21	3.1
4800E 8500N	16	4.2
4800E 8450N	21	2.6
5200E 10400N	56	2.6
5200E 10350N	13	2.0
5200E 10300N	12	1.4
RE 5200E 10050N	12	1.8
5200E 10250N	14	1.8
5200E 10200N	24	2.6
5200E 10150N	52	1.8
5200E 10100N	13	1.3
5200E 10050N	13	3.8
5200E 10000N	18	2.3
5200E 9950N	9	1.3
5200E 9900N	15	1.6
5200E 9850N	5	1.8
5200E 9800N	15	1.5
5200E 9750N	18	2.5
5200E 9700N	4	4.0
5200E 9650N	11	1.2
5200E 9550N	11	1.4
5200E 9500N	8	1.4
5200E 9450N	8	1.4
5200E 9400N	7	4.0
5200E 9350N	1	1.1
5200E 9300N	5	1.4
5200E 9250N	26	1.3
5200E 9200N	18	1.4
5200E 9150N	5	2.2
5200E 9100N	9	2.2
5200E 9050N	6	2.0
5200E 9000N	5	1.1
5200E 8950N	10	1.3
5200E 8900N	10	.9
5200E 8850N	9	1.4
5200E 8800N	11	1.8
5200E 8750N	14	1.1
STANDARD C/AU-S	59	46.1

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
5200E 8700N	46	4.4
5200E 8650N	34	2.2
5200E 8600N	128	.2
5200E 8550N	17	1.0
5200E 8500N	46	.2
6800E 8400N	25	.2
6800E 8350N	20	2.7
6800E 8300N	19	1.5
6800E 8250N	30	1.0
6800E 8200N	19	21.9
6800E 8150N	20	3.5
6800E 8100N	20	.4
6800E 8050N	17	.7
RE 6800E 7800N	18	2.8
6800E 8000N	21	.9
6800E 7950N	16	1.1
6800E 7900N	65	2.0
6800E 7850N	71	5.7
6800E 7800N	19	3.4
6800E 7750N	15	.3
6800E 7700N	19	.9
6800E 7650N	17	1.6
6800E 7600N	14	1.0
6800E 7550N	16	.8
6800E 7500N	20	1.6
6800E 7450N	11	.2
6800E 7400N	13	1.7
6800E 7350N	22	.9
6800E 7300N	23	.4
6800E 7250N	43	.8
6800E 7200N	18	2.1
6800E 7150N	27	1.2
6800E 7100N	16	.6
6800E 7050N	17	.3
6800E 7000N	20	.2
6800E 6950N	14	2.7
6800E 6900N	179	8.9
STANDARD C/AU-S	59	47.3

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
6800E 6850N	51	2.6
6800E 6800N	36	4.1
6800E 6750N	24	1.1
6800E 6700N	21	.3
6800E 6650N	16	2.9
6800E 6600N	14	.4
6800E 6550N	19	1.3
6800E 6500N	20	.2
6800E 6450N	23	1.2
6800E 6400N	121	.2
7000E 8400N	67	1.3
7000E 8350N	20	1.0
7000E 8300N	178	2.8
7000E 8250N	13	.6
7000E 8200N	15	.9
7000E 8150N	20	1.1
7000E 8100N	21	.6
7000E 8050N	27	.2
7000E 8000N	23	.2
7000E 7950N	22	.5
7000E 7900N	20	1.0
7000E 7850N	36	.7
7000E 7800N	24	5.0
7000E 7750N	42	.8
7000E 7700N	30	3.0
7000E 7650N	40	1.3
7000E 7600N	12	1.6
7000E 7550N	16	.2
7000E 7500N	23	.2
7000E 7450N	23	.9
7000E 7400N	21	.2
7000E 7350N	26	.3
7000E 7300N	20	1.6
7000E 7250N	55	3.1
7000E 7200N	16	.4
RE 7000E 7400N	21	.2
7000E 7150N	25	2.0
STANDARD C/AU-S	64	54.8

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
7000E 7100N	20	2.0
7000E 7050N	22	1.5
7000E 7000N	22	.8
RE 7000E 6750N	18	4.4
7000E 6950N	17	.7
7000E 6900N	14	3.7
7000E 6850N	13	1.5
7000E 6800N	12	1.1
7000E 6750N	19	4.5
7000E 6700N	18	2.8
7000E 6650N	15	.7
7000E 6600N	21	1.0
7000E 6550N	21	1.7
7000E 6500N	10	6.7
7000E 6450N	16	1.0
7000E 6400N	110	1.0
7200E 8400N	8	.3
7200E 8350N	68	6.4
7200E 8300N	103	.6
7200E 8250N	200	2.0
7200E 8200N	41	.4
7200E 8150N	21	8.0
7200E 8100N	12	1.3
7200E 8050N	24	1.6
7200E 8000N	17	.8
7200E 7950N	18	.8
7200E 7900N	19	.8
7200E 7850N	17	1.1
7200E 7800N	18	.9
7200E 7750N	18	2.0
7200E 7700N	12	2.1
7200E 7650N	21	2.2
7200E 7600N	21	4.5
7200E 7550N	11	1.0
7200E 7500N	13	6.2
7200E 7450N	23	.9
7200E 7400N	29	1.5
STANDARD C/AU-S	55	51.8

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
7200E 7350N	14	3.1
7200E 7300N	26	7.4
7200E 7250N	16	3.1
7200E 7200N	20	1.6
7200E 7150N	15	1.5
7200E 7100N	24	2.1
7200E 7050N	39	1.8
RE 7200E 6800N	12	7.6
7200E 7000N	15	1.9
7200E 6950N	28	2.1
7200E 6900N	12	3.2
7200E 6850N	41	14.9
7200E 6800N	14	6.4
7200E 6750N	16	2.8
7200E 6700N	22	1.7
7200E 6650N	18	2.6
7200E 6600N	21	4.5
7200E 6550N	19	3.2
7200E 6500N	19	2.3
7200E 6450N	25	3.3
7200E 6400N	21	2.3
7200E 6350N	25	3.0
7200E 6300N	12	4.6
7200E 6250N	29	2.1
7200E 6200N	16	1.9
7200E 6150N	26	1.9
7200E 6100N	25	6.2
7200E 6050N	62	2.5
7200E 5900N	18	2.5
7400E 8400N	110	4.7
7400E 8300N	64	.8
7400E 8250N	114	2.2
7400E 8200N	18	1.8
7400E 8150N	40	1.6
7400E 8100N	15	2.4
7400E 8050N	23	2.6
7400E 8000N	32	3.0
STANDARD C/AU-S	59	49.5

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
7400E 7950N	23	3.2
7400E 7900N	17	3.1
7400E 7850N	21	1.5
7400E 7800N	49	3.0
7400E 7750N	48	.4
7400E 7700N	31	6.5
7400E 7650N	31	7.0
7400E 7600N	11	1.2
7400E 7550N	41	1.2
7400E 7500N	17	.7
7400E 7450N	35	.8
7400E 7400N	27	.5
7400E 7350N	27	1.4
7400E 7300N	36	.8
7400E 7250N	22	1.0
7400E 7200N	21	2.0
RE 7400E 6950N	34	3.1
7400E 7150N	15	1.2
7400E 7100N	23	1.2
7400E 7050N	320	6.0
7400E 7000N	90	2.0
7400E 6950N	36	2.6
7400E 6900N	27	.9
7400E 6850N	20	2.4
7400E 6800N	58	.8
7400E 6750N	16	.9
7400E 6700N	17	1.1
7400E 6650N	16	.6
7400E 6600N	15	2.7
7400E 6550N	42	.2
7400E 6500N	14	1.6
7400E 6450N	18	1.6
7400E 6400N	30	1.6
7400E 6350N	21	2.0
7400E 6300N	20	2.4
7400E 6250N	20	.4
7400E 6200N	40	.8
STANDARD C/AU-S	57	51.9

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
7600E 6350N	43	2.1
7600E 6300N	24	1.2
7600E 6250N	18	2.1
7600E 6200N	76	16.6
7600E 6150N	17	1.7
7600E 6100N	19	.8
7600E 6050N	20	1.7
7600E 6000N	20	3.5
7600E 5950N	25	1.2
7600E 5900N	31	2.8
7800E 8400N	63	1.0
7800E 8250N	21	2.4
RE 7800E 8000N	46	.6
7800E 8200N	21	2.1
7800E 8150N	18	1.4
7800E 8100N	30	1.6
7800E 8050N	29	2.2
7800E 8000N	38	1.0
7800E 7950N	13	1.4
7800E 7900N	22	2.2
7800E 7850N	17	2.7
7800E 7800N	23	1.7
7800E 7750N	33	2.2
7800E 7700N	30	97.1
7800E 7650N	33	4.3
7800E 7600N	15	2.5
7800E 7550N	21	2.0
7800E 7500N	25	1.4
7800E 7450N	11	2.5
7800E 7400N	23	1.6
7800E 7350N	17	1.1
7800E 7300N	27	1.8
7800E 7250N	47	2.1
7800E 7200N	23	1.5
7800E 7150N	25	1.0
7800E 7100N	29	1.6
7800E 7050N	11	1.1
STANDARD C/AU-S	61	46.9

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
7400E 6150N	14	.8
7400E 6100N	16	.6
7400E 6050N	24	1.4
7400E 6000N	37	.4
7400E 5950N	33	2.2
7400E 5900N	21	5.7
7600E 7850N	28	2.3
7600E 7800N	108	1.9
7600E 7750N	31	1.1
7600E 7700N	23	1.6
RE 7600E 7500N	24	.5
7600E 7650N	24	1.4
7600E 7600N	18	3.7
7600E 7550N	27	1.4
7600E 7500N	24	1.4
7600E 7450N	25	1.8
7600E 7400N	31	2.9
7600E 7350N	19	.7
7600E 7300N	21	1.4
7600E 7250N	19	.4
7600E 7200N	27	1.7
7600E 7150N	20	1.0
7600E 7100N	11	1.7
7600E 7050N	24	1.2
7600E 7000N	56	.9
7600E 6950N	28	1.5
7600E 6900N	38	1.9
7600E 6850N	38	1.3
7600E 6800N	35	.6
7600E 6750N	25	.2
7600E 6700N	24	1.0
7600E 6650N	19	.2
7600E 6600N	26	.8
7600E 6550N	27	.2
7600E 6500N	33	6.2
7600E 6450N	54	15.7
7600E 6400N	19	.3
STANDARD C/AU-S	57	50.3

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
7800E 7000N	19	2.4
7800E 6950N	24	1.2
7800E 6900N	23	1.8
7800E 6850N	18	.6
7800E 6800N	24	1.1
7800E 6750N	33	1.8
7800E 6700N	21	2.4
7800E 6650N	19	.8
7800E 6600N	76	2.3
7800E 6550N	27	.8
7800E 6500N	30	.8
7800E 6450N	33	37.9
7800E 6400N	26	2.5
7800E 6350N	41	2.1
RE 7800E 6050N	26	1.6
7800E 6300N	35	1.3
7800E 6250N	26	.6
7800E 6200N	18	3.3
7800E 6150N	39	1.5
7800E 6100N	119	1.4
7800E 6050N	29	1.1
7800E 6000N	19	1.0
7800E 5950N	18	1.8
7800E 5900N	30	1.2
8000E 8400N	26	.9
8000E 8300N	18	.7
8000E 8250N	35	.9
8000E 8200N	29	1.6
8000E 8150N	27	.9
8000E 8100N	23	1.7
8000E 8050N	24	1.7
8000E 8000N	26	1.1
8000E 7950N	26	2.6
8000E 7900N	25	1.3
8000E 7850N	30	.5
8000E 7800N	38	1.5
8000E 7750N	27	2.1
STANDARD C/AU-S	63	48.9

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
8000E 7700N	19	3.1
8000E 7650N	29	3.7
8000E 7600N	28	3.4
RE 8000E 7400N	25	2.1
8000E 7550N	14	1.8
8000E 7500N	21	4.7
8000E 7450N	26	2.7
8000E 7400N	23	2.9
8000E 7350N	32	3.3
8000E 7300N	27	1.9
8000E 7250N	28	6.8
8000E 7200N	25	2.9
8000E 7150N	21	47.8
8000E 7100N	25	8.2
8000E 7050N	25	6.3
8000E 7000N	25	3.3
8000E 6950N	28	3.0
8000E 6900N	29	11.1
8000E 6850N	30	6.4
8000E 6800N	36	4.6
8000E 6750N	59	4.0
8000E 6700N	38	2.3
8000E 6650N	22	2.8
8000E 6600N	23	1.3
8000E 6550N	47	50.4
8000E 6500N	23	4.4
8000E 6450N	37	3.5
8000E 6400N	28	4.0
8000E 6350N	32	2.4
8000E 6300N	28	2.3
8000E 6250N	36	.8
8000E 6200N	36	2.6
8000E 6150N	34	2.7
8000E 6100N	37	2.7
8000E 6050N	31	2.3
8000E 6000N	29	1.7
8000E 5950N	34	1.5
STANDARD C/AU-S	58	49.0

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
8000E 5900N	32	3.9
8200E 8400N	33	.5
RE 8200E 8150N	33	.8
8200E 8350N	40	.6
8200E 8300N	35	1.0
8200E 8250N	34	.5
8200E 8200N	32	2.7
8200E 8150N	30	.4
8200E 8100N	79	.9
8200E 8050N	37	1.3
8200E 8000N	33	.8
8200E 7950N	45	1.3
8200E 7900N	51	.5
8200E 7850N	38	1.5
8200E 7800N	32	1.1
8200E 7750N	36	.5
8200E 7700N	28	.2
8200E 7650N	28	13.3
8200E 7600N	33	1.6
8200E 7550N	26	1.6
8200E 7500N	27	1.4
8200E 7450N	26	.7
8200E 7400N	42	1.4
8200E 7350N	26	.8
8200E 7300N	25	.7
8200E 7250N	35	22.6
8200E 7200N	30	2.0
8200E 7150N	41	.9
8200E 7100N	33	2.5
8200E 7050N	45	.9
8200E 7000N	31	.7
8200E 6950N	27	1.8
8200E 6900N	35	.3
8200E 6850N	16	.6
8200E 6800N	24	.6
8200E 6750N	29	.6
8200E 6700N	34	1.8
STANDARD C/AU-S	64	46.5

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
8200E 6650N	28	4.7
8200E 6600N	24	2.3
8200E 6550N	20	2.3
8200E 6500N	28	1.3
8200E 6450N	33	1.8
8200E 6400N	32	1.8
8200E 6350N	33	1.6
8200E 6300N	28	.9
8200E 6250N	26	1.1
8200E 6200N	64	1.2
8200E 6150N	28	.7
8200E 6100N	31	.8
8200E 6050N	27	1.6
8200E 6000N	26	1.3
8200E 5950N	25	1.3
8200E 5900N	35	2.8
8400E 8400N	23	3.5
8400E 8350N	35	3.5
8400E 8300N	40	1.2
RE 8200E 5900N	34	1.7
8400E 8250N	49	1.1
8400E 8200N	21	2.4
8400E 8150N	27	1.1
8400E 8100N	40	8.5
8400E 8050N	48	2.3
8400E 8000N	35	1.4
8400E 7950N	26	1.6
8400E 7900N	41	3.8
8400E 7850N	123	2.1
8400E 7800N	73	3.7
8400E 7750N	24	1.5
8400E 7700N	17	1.0
8400E 7650N	27	1.5
8400E 7600N	39	1.2
8400E 7550N	37	2.3
8400E 7500N	26	2.4
8400E 7450N	27	1.8
STANDARD C/AU-S	59	49.7

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
8400E 7400N	22	3.6
8400E 7350N	27	2.0
8400E 7300N	27	1.0
8400E 7250N	31	2.1
8400E 7200N	30	2.2
8400E 7150N	83	1.5
8400E 7100N	30	1.0
8400E 7050N	25	1.1
8400E 7000N	28	3.1
8400E 6950N	34	8.4
8400E 6900N	34	3.2
8400E 6850N	30	1.7
8400E 6800N	29	1.4
RE 8400E 6550N	30	3.2
8400E 6750N	50	7.2
8400E 6700N	32	15.6
8400E 6650N	25	2.9
8400E 6600N	21	1.7
8400E 6550N	30	2.3
8400E 6500N	35	1.5
8400E 6450N	31	.4
8400E 6400N	86	2.1
8400E 6350N	35	.8
8400E 6300N	30	2.1
8400E 6250N	32	1.6
8400E 6200N	26	1.8
8400E 6150N	23	11.7
8400E 6100N	25	3.9
8400E 6050N	24	1.8
8400E 6000N	36	5.9
8400E 5900N	33	1.4
8600E 8400N	33	4.6
8600E 8350N	50	1.7
8600E 8300N	35	1.0
8600E 8250N	30	1.0
8600E 8200N	37	1.5
8600E 8150N	43	3.4
STANDARD C/AU-S	63	48.5

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
8600E 8100N	40	2.8
8600E 8050N	32	.3
8600E 8000N	36	.2
8600E 7950N	31	.8
8600E 7900N	27	5.5
8600E 7850N	61	1.2
8600E 7800N	74	.6
8600E 7750N	76	.2
8600E 7700N	20	.7
8600E 7650N	41	1.5
8600E 7600N	39	1.9
8600E 7550N	35	.7
8600E 7500N	16	.7
8600E 7450N	26	.2
8600E 7400N	24	1.5
8600E 7350N	25	1.5
8600E 7300N	25	.4
8600E 7250N	24	.3
8600E 7200N	23	.4
8600E 7150N	28	.2
8600E 7100N	30	1.1
8600E 7050N	29	1.4
8600E 7000N	30	.7
8600E 6950N	37	1.5
8600E 6900N	33	.3
8600E 6850N	37	1.2
8600E 6800N	30	1.3
8600E 6750N	47	1.6
8600E 6700N	31	1.3
8600E 6650N	28	1.6
8600E 6600N	36	.6
RE 8600E 6800N	30	1.6
8600E 6550N	32	1.3
8600E 6500N	34	.9
8600E 6450N	26	1.7
8600E 6400N	35	2.2
8600E 6350N	29	.8
STANDARD C/AU-S	58	45.7

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
8600E 6300N	23	4.8
8600E 6250N	36	4.2
8600E 6200N	25	1.6
8600E 6150N	36	3.6
8600E 6100N	60	2.1
8600E 6050N	41	4.9
8600E 6000N	30	2.9
8600E 5900N	32	4.8
8800E 8400N	33	2.7
8800E 8350N	30	1.6
8800E 8300N	34	1.2
8800E 8250N	50	1.2
8800E 8200N	29	1.9
8800E 8150N	31	2.7
8800E 8100N	140	4.1
8800E 8050N	32	3.0
8800E 8000N	27	2.7
8800E 7950N	33	2.4
8800E 7900N	32	2.4
8800E 7850N	30	1.5
8800E 7800N	26	1.3
RE 8800E 8000N	25	1.6
8800E 7750N	53	1.2
8800E 7600N	27	1.3
8800E 7550N	33	4.8
8800E 7500N	30	1.4
8800E 7450N	36	2.0
8800E 7400N	34	3.2
8800E 7350N	25	1.8
8800E 7300N	32	1.2
8800E 7250N	40	2.3
8800E 7200N	41	3.4
8800E 6950N	37	5.6
8800E 6900N	38	3.3
8800E 6850N	36	2.1
8800E 6800N	40	1.8
8800E 6750N	26	1.8
STANDARD C/AU-S	57	46.9

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
8800E 6700N	28	1.4
8800E 6650N	24	.6
8800E 6600N	29	7.3
8800E 6550N	53	3.9
8800E 6500N	29	.4
8800E 6450N	32	2.5
8800E 6400N	43	1.2
8800E 6350N	23	1.3
8800E 6300N	27	1.3
8800E 6250N	28	1.4
8800E 6200N	29	2.3
8800E 6150N	31	1.9
8800E 6100N	19	1.9
8800E 5900N	35	1.7
9200E 8400N	43	1.6
9200E 8350N	31	.7
9200E 8300N	35	2.1
9200E 8250N	34	1.4
RE 8800E 5900N	30	1.9
9200E 8200N	36	2.5
9200E 8150N	67	.9
9200E 8100N	45	2.0
9200E 8050N	36	1.5
9200E 8000N	35	2.0
9200E 7950N	28	1.8
9200E 7900N	44	4.8
9200E 7850N	92	.6
9200E 7800N	46	.3
9200E 7750N	43	3.8
9200E 7700N	34	.6
9200E 7650N	47	.2
9200E 7600N	46	.2
9200E 7550N	31	.2
9200E 7500N	32	1.6
9200E 7450N	40	.6
9200E 7400N	44	.8
9200E 7350N	45	1.7
STANDARD C/AU-S	63	46.0

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
9200E 7300N	32	2.3
9200E 7250N	39	2.1
9200E 7200N	50	2.1
9200E 7150N	36	4.5
9200E 7100N	41	2.1
9200E 7050N	75	2.2
9200E 7000N	59	.8
9200E 6950N	45	1.6
9200E 6900N	49	2.4
9200E 6850N	30	1.9
RE 9200E 6500N	30	1.1
9200E 6800N	32	2.7
9200E 6750N	33	1.8
9200E 6700N	30	8.2
9200E 6650N	32	6.1
9200E 6600N	34	3.2
9200E 6550N	30	1.5
9200E 6500N	30	2.3
9200E 6450N	34	1.5
9200E 6400N	43	4.4
9200E 6350N	47	11.1
9200E 6300N	26	3.5
9200E 6250N	27	.2
9200E 6200N	27	.3
9200E 6150N	21	1.4
9200E 6100N	35	2.4
9200E 6050N	37	1.1
9200E 5900N	38	1.1
9600E 8400N	41	5.4
9600E 8250N	48	2.8
9600E 8200N	84	2.0
9600E 8150N	41	3.7
9600E 8100N	42	3.1
9600E 8050N	57	2.5
9600E 8000N	39	.7
9600E 7950N	22	1.4
9600E 7900N	49	1.7
STANDARD C/AU-S	62	46.4

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
9600E 7850N	20	1.9
9600E 7800N	34	2.8
9600E 7750N	31	3.1
9600E 7700N	38	2.8
9600E 7650N	52	3.3
9600E 7600N	32	2.6
9600E 7550N	31	30.3
9600E 7500N	44	2.1
9600E 7450N	33	2.5
9600E 7400N	34	1.4
9600E 7350N	36	1.8
9600E 7300N	40	2.3
9600E 7250N	37	3.5
9600E 7200N	69	35.0
9600E 7150N	39	6.1
9600E 7000N	38	3.4
9600E 6950N	18	3.7
9600E 6900N	31	2.3
9600E 6850N	59	1.7
9600E 6800N	41	2.5
9600E 6750N	33	2.4
9600E 6700N	33	3.4
9600E 6650N	34	3.3
9600E 6600N	33	1.5
9600E 6550N	44	1.8
9600E 6500N	45	2.2
9600E 6450N	48	1.6
9600E 6400N	42	3.0
9600E 6350N	41	2.2
9600E 6300N	48	2.1
RE 9600E 6500N	46	1.3
9600E 6250N	52	2.9
9600E 6200N	39	4.6
9600E 6150N	37	1.5
9600E 6100N	54	2.7
9600E 6050N	57	1.7
9600E 6000N	26	.8
STANDARD C/AU-S	62	45.5

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
9600E 5950N	157	4.9
9600E 5900N	78	3.4
10000E 8400N	26	2.0
10000E 8250N	29	4.0
10000E 8200N	31	.8
10000E 8150N	18	3.1
10000E 8100N	41	4.6
10000E 8050N	41	2.5
10000E 7950N	83	2.7
10000E 7900N	38	2.6
10000E 7850N	55	2.6
10000E 7750N	35	190.0
10000E 7700N	29	10.4
10000E 7650N	27	3.0
10000E 7600N	26	4.0
10000E 7550N	58	1.5
10000E 7500N	53	2.5
10000E 7450N	51	1.9
10000E 7400N	50	1.8
10000E 7350N	52	2.0
10000E 7300N	34	9.8
10000E 7250N	37	2.9
10000E 7200N	44	2.7
10000E 7150N	32	3.4
10000E 7100N	42	2.0
10000E 7050N	62	2.4
10000E 7000N	46	1.9
10000E 6950N	37	3.6
10000E 6900N	47	3.3
10000E 6850N	36	360.0
10000E 6800N	31	10.2
10000E 6750N	29	8.0
RE 10000E 6950N	36	4.9
10000E 6700N	24	6.5
10000E 6650N	43	3.8
10000E 6600N	29	2.4
10000E 6550N	39	10.0
STANDARD C/AU-S	61	53.3

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
10000E 6500N	29	3.2
10000E 6450N	29	1.8
10000E 6400N	39	2.3
10000E 6350N	42	1.8
10000E 6300N	48	2.9
10000E 6250N	29	1.7
10000E 6200N	19	2.3
10000E 6150N	48	1.9
10000E 6100N	56	4.2
10000E 6050N	43	2.1
10000E 6000N	32	3.8
10000E 5950N	40	.9
RE 10400E 8200N	32	1.9
10000E 5900N	24	.8
10400E 8400N	33	4.1
10400E 8300N	33	2.1
10400E 8250N	33	3.0
10400E 8200N	29	2.9
10400E 8150N	23	2.3
10400E 8100N	35	1.4
10400E 8050N	33	1.1
10400E 8000N	43	1.2
10400E 7950N	34	1.4
10400E 7900N	39	2.1
10400E 7850N	31	1.6
10400E 7800N	49	6.3
10400E 7750N	40	2.8
10400E 7700N	39	5.0
10400E 7650N	41	1.9
10400E 7600N	38	4.0
10400E 7550N	37	1.8
10400E 7500N	30	7.1
10400E 7450N	30	2.4
10400E 7400N	28	2.2
10400E 7350N	28	1.4
10400E 7300N	40	9.2
10400E 7250N	62	1.2
STANDARD C/AU-S	64	49.7

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
10400E 7200N	35	1.5
10400E 7150N	22	.5
10400E 7100N	31	1.9
10400E 7050N	30	1.3
10400E 7000N	44	5.7
10400E 6950N	58	2.1
10400E 6900N	41	1.1
10400E 6850N	37	1.1
10400E 6800N	41	1.2
10400E 6750N	45	2.6
10400E 6700N	40	4.2
10400E 6650N	107	6.0
RE 10400E 6400N	43	2.9
10400E 6600N	62	1.4
10400E 6550N	64	2.9
10400E 6500N	45	71.8
10400E 6450N	46	12.2
10400E 6400N	37	6.6
10400E 6350N	44	5.2
10400E 6300N	38	3.2
10400E 6250N	41	2.0
10400E 6200N	45	5.9
10400E 6150N	57	1.4
10400E 6100N	146	4.5
10400E 6050N	103	1.9
10400E 6000N	94	2.1
10400E 5950N	29	1.2
10400E 5900N	62	12.0
10800E 8400N	28	1.1
10800E 8250N	26	1.2
10800E 8200N	33	2.0
10800E 8150N	30	3.2
10800E 8100N	28	4.2
10800E 8050N	31	2.1
10800E 8000N	47	1.9
10800E 7950N	38	2.5
10800E 7900N	29	2.2
STANDARD C/AU-S	61	47.5

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
10800E 7850N	33	3.8
10800E 7800N	24	3.0
10800E 7750N	23	.4
10800E 7700N	60	3.1
10800E 7650N	35	6.0
10800E 7600N	32	.9
10800E 7550N	30	2.4
10800E 7500N	41	.7
10800E 7450N	31	1.8
10800E 7400N	53	6.4
10800E 7350N	24	2.0
10800E 7300N	42	1.2
10800E 7250N	33	1.1
10800E 7200N	52	1.2
10800E 7150N	32	.3
10800E 7100N	28	.3
10800E 7050N	38	.7
10800E 7000N	27	1.3
10800E 6950N	34	.7
10800E 6900N	61	2.4
10800E 6850N	83	1.7
10800E 6800N	57	.9
10800E 6750N	25	2.8
10800E 6700N	38	.6
10800E 6650N	35	2.9
10800E 6600N	30	1.5
10800E 6550N	29	.3
10800E 6500N	30	.5
10800E 6450N	24	.2
RE 10800E 6650N	36	2.4
10800E 6400N	61	2.8
10800E 6350N	68	8.4
10800E 6300N	47	.3
10800E 6250N	27	1.4
10800E 6200N	30	.6
10800E 6150N	47	1.7
10800E 6100N	53	.7
STANDARD C/AU-S	59	51.1

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
10800E 6050N	31	2.7
10800E 6000N	68	1.1
10800E 5950N	44	3.1
10800E 5900N	57	1.5
11200E 8400N	56	2.3
11200E 8300N	12	1.3
11200E 8250N	34	3.6
11200E 8200N	41	1.3
11200E 8150N	24	1.0
11200E 8100N	58	1.1
11200E 8050N	104	4.3
11200E 8000N	49	.9
11200E 7950N	53	1.2
11200E 7900N	39	3.3
11200E 7850N	38	36.9
11200E 7800N	39	7.9
11200E 7750N	24	1.8
11200E 7700N	85	9.3
11200E 7650N	32	4.7
11200E 7600N	44	3.0
11200E 7550N	36	1.8
11200E 7500N	37	1.5
11200E 7450N	66	2.9
11200E 7400N	71	2.5
11200E 7350N	39	3.0
11200E 7250N	19	1.5
11200E 7200N	47	1.9
11200E 7150N	33	1.4
11200E 7100N	31	1.8
11200E 7050N	40	2.1
11200E 7000N	20	1.7
11200E 6950N	21	1.7
11200E 6900N	20	2.2
11200E 6850N	17	.7
RE 11200E 7050N	39	1.0
11200E 6800N	31	2.1
11200E 6750N	26	1.2
STANDARD C/AU-S	58	49.5

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
11200E 6700E	10	3.3
11200E 6650E	31	12.4
11200E 6600E	47	10.0
11200E 6550E	36	2.5
11200E 6500E	32	.5
11200E 6450E	23	.7
11200E 6400E	24	.5
11200E 6350E	44	1.5
11200E 6300E	24	1.2
11200E 6250E	33	2.9
11200E 6200E	30	.8
RE 11200E 6400E	24	.2
11200E 6150E	31	1.2
11200E 6050E	30	1.2
11200E 6000E	28	3.1
11200E 5950E	31	3.6
11200E 5900E	48	5.2
STANDARD C/AU-S	58	45.9

Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
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GEOCHEMICAL ANALYSIS CERTIFICATE

Cordilleran Engineering Ltd. PROJECT VIN #6 FILE # 91-3900 Page 1
1980 - 1055 W. Hastings S, Vancouver BC V6E 2E9 Attn: JOHN CORMIER

SAMPLE#	Cu ppm	Au* ppb
0150E 2500N	208	3.6
0150E 2450N	54	1.7
0150E 2400N	103	2.6
0150E 2350N	13	1.8
0150E 2300N	52	1.9
0150E 2250N	182	1.9
0150E 2200N	28	.2
0150E 2150N	115	2.6
0150E 2100N	107	1.5
0400E 2500N	89	7.9
RE 0400E 2050N	34	1.0
0400E 2450N	38	1.0
0400E 2400N	34	.9
0400E 2350N	51	1.0
0400E 2300N	17	1.1
0400E 2250N	50	.2
0400E 2200N	42	1.6
0400E 2150N	24	.7
0400E 2100N	138	.6
0400E 2050N	34	1.4
0400E 2000N	56	1.2
0400E 1950N	23	.4
0400E 1900N	357	3.7
0400E 1850N	140	.2
0400E 1800N	174	.8
0400E 1750N	149	.2
0400E 1700N	137	.4
0400E 1650N	261	.9
0400E 1600N	189	.2
0400E 1550N	155	.7
0400E 1500N	20	.3
0400E 1450N	75	.8
0400E 1400N	76	.2
0800E 2500N	23	4.4
0800E 2450N	19	1.3
0800E 2400N	37	.6
0800E 2350N	55	1.6
STANDARD C/AU-S	61	46.2

RECEIVED
SEP 3 - 1991

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
SAMPLE TYPE: SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: AUG 27 1991 DATE REPORT MAILED: Sept 4/91.

SIGNED BY..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Cu ppm	Au* ppb
0800E 2300N	10	1.5
0800E 2250N	35	.4
0800E 2200N	61	10.3
0800E 2150N	49	1.2
0800E 2100N	6	.2
0800E 2050N	19	1.3
0800E 2000N	159	.2
0800E 1950N	255	.6
0800E 1900N	15	.2
0800E 1850N	21	1.1
0800E 1800N	19	.2
0800E 1750N	55	1.0
0800E 1700N	52	.2
0800E 1650N	42	.7
0800E 1600N	13	1.4
0800E 1550N	36	.2
0800E 1500N	17	.2
0800E 1450N	70	1.3
0800E 1400N	129	2.3
0800E 1350N	85	.6
0800E 1300N	52	2.3
0800E 1250N	133	.5
RE 0800E 1450N	71	.2
0800E 1200N	51	1.6
0800E 1150N	102	.5
0800E 1100N	17	.2
0800E 1050N	15	1.3
0800E 1000N	41	.2
0800E 950N	24	5.7
1200E 2500N	18	.2
1200E 2450N	28	.2
1200E 2400N	24	.2
1200E 2350N	64	.2
1200E 2300N	31	.4
1200E 2250N	12	.5
1200E 2200N	16	4.3
1200E 2150N	102	1.9
STANDARD C/AU-S	57	46.5

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
1200E 2100N	33	4.9
1200E 2050N	46	2.2
1200E 2000N	28	.9
1200E 1950N	76	1.3
1200E 1900N	599	9.1
1200E 1850N	44	.5
1200E 1800N	32	.9
1200E 1750N	55	7.9
1200E 1700N	31	1.6
1200E 1650N	60	2.0
1200E 1600N	24	1.4
1200E 1550N	36	.6
1200E 1500N	44	.6
1200E 1450N	45	1.6
1200E 1400N	40	.9
1200E 1350N	19	.5
1200E 1300N	21	.8
1200E 1250N	14	3.4
1200E 1200N	47	1.9
1200E 1150N	42	2.0
1200E 1100N	145	8.0
1200E 1050N	171	5.8
1200E 1000N	112	3.2
1200E 950N	168	3.6
1200E 900N	142	4.5
5600E 10400N	20	1.3
5600E 10350N	20	1.3
5600E 10300N	13	.5
5600E 10250N	20	7.4
5600E 10200N	41	1.0
5600E 10150N	44	1.1
5600E 10100N	21	1.0
5600E 10050N	23	.4
5600E 10000N	20	1.2
RE 1200E 1350N	19	.6
5600E 9950N	32	1.3
5600E 9900N	25	.9
STANDARD C/AU-S	63	47.1

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
5600E 9850N	11	2.4
5600E 9800N	12	3.0
5600E 9750N	12	1.0
5600E 9700N	31	1.1
5600E 9650N	111	1.8
5600E 9600N	6	8.3
5600E 9550N	40	.1
5600E 9500N	6	1.2
5600E 9450N	10	2.2
5600E 9400N	6	1.6
5600E 9350N	16	.1
5600E 9300N	14	.9
5600E 9250N	24	1.2
5600E 9200N	36	.4
5600E 9150N	23	.9
5600E 9100N	18	2.0
5600E 9050N	41	.2
5600E 9000N	86	1.7
5600E 8950N	22	2.2
5600E 8900N	28	1.9
5600E 8850N	37	3.8
5600E 8800N	14	.2
5600E 8750N	27	1.0
5600E 8700N	10	1.1
5600E 8650N	28	1.4
5600E 8600N	28	2.9
5600E 8550N	22	.7
5600E 8500N	14	1.9
5600E 8450N	13	2.1
RE 5600E 8650N	26	2.6
6000E 10400N	8	.7
6000E 10350N	50	1.9
6000E 10300N	59	8.0
6000E 10250N	47	9.1
6000E 10200N	24	15.9
6000E 10150N	27	2.8
6000E 10100N	14	1.0
STANDARD C/AU-S	61	46.3

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
6000E 10050N	11	2.3
6000E 10000N	8	.4
6000E 9950N	14	.8
6000E 9900N	17	2.6
6000E 9850N	26	1.1
6000E 9800N	39	14.4
6000E 9750N	13	5.5
6000E 9700N	26	1.3
6000E 9650N	14	.9
6000E 9600N	30	.5
6000E 9550N	46	.9
6000E 9500N	18	.2
6000E 9450N	24	4.7
6000E 9400N	10	.8
6000E 9350N	34	1.3
6000E 9300N	36	1.5
RE 6000E 8800N	34	3.7
6000E 9250N	32	1.6
6000E 9200N	16	.9
6000E 9150N	13	1.7
6000E 9050N	141	1.1
6000E 9000N	15	1.1
6000E 8950N	18	3.4
6000E 8900N	17	.4
6000E 8850N	45	.7
6000E 8800N	35	1.1
6000E 8750N	11	.6
6000E 8650N	21	1.3
6000E 8600N	78	1.5
6000E 8550N	36	1.1
6000E 8500N	35	.6
6000E 8450N	52	3.0
6400E 10400N	20	.6
6400E 10375N	18	.7
6400E 10350N	26	.2
6400E 10300N	30	1.5
6400E 10250N	11	.5
STANDARD C/AU-S	63	46.2

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
6400E 10200N	15	2.6
6400E 10150N	11	1.3
6400E 10100N	21	8.4
6400E 10050N	54	3.0
6400E 10000N	18	3.0
6400E 9950N	17	1.4
6400E 9900N	18	1.4
6400E 9850N	40	.9
6400E 9800N	24	.7
6400E 9750N	17	1.6
6400E 9700N	15	.8
6400E 9650N	10	3.1
6400E 9600N	10	1.5
6400E 9550N	12	.2
6400E 9500N	16	.5
6400E 9450N	24	.6
6400E 9400N	16	12.9
6400E 9350N	16	13.2
6400E 9300N	13	1.9
6400E 9250N	14	1.2
6400E 9200N	15	.2
6400E 9150N	14	.2
6400E 9100N	19	4.2
6400E 9050N	12	3.2
6400E 9000N	15	2.3
6400E 8950N	133	.2
6400E 8900N	18	5.0
6400E 8850N	25	.2
6400E 8800N	19	.5
6400E 8750N	28	.2
6400E 8700N	27	1.5
6400E 8650N	33	1.2
6400E 8600N	29	.5
RE 6400E 8800N	23	1.5
6400E 8550N	31	1.6
6400E 8500N	14	.4
6400E 8450N	20	.6
STANDARD C/AU-S	59	53.2

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
6800E 10400N	16	1.9
RE 6800E 10150N	16	.5
6800E 10350N	15	.1
6800E 10300N	14	.5
6800E 10250N	15	.4
6800E 10200N	15	2.3
6800E 10150N	18	.9
6800E 10100N	15	.1
6800E 10050N	12	1.0
6800E 10000N	14	1.1
6800E 9950N	11	3.1
6800E 9900N	16	1.7
6800E 9850N	13	5.2
6800E 9800N	9	2.2
6800E 9750N	11	.7
6800E 9700N	13	.8
6800E 9650N	12	.7
6800E 9600N	7	3.9
6800E 9550N	66	.4
6800E 9500N	146	.2
6800E 9450N	14	.1
6800E 9400N	22	3.4
6800E 9350N	15	1.2
6800E 9300N	8	.2
6800E 9250N	9	.5
6800E 9200N	19	1.1
6800E 9150N	75	.2
6800E 9100N	83	1.1
6800E 9050N	49	2.4
6800E 9000N	69	1.0
6800E 8950N	41	1.6
6800E 8900N	42	.5
6800E 8850N	48	.5
6800E 8600N	20	.9
6800E 8550N	53	3.4
7100E 11950N	59	3.5
7100E 11900N	64	1.2
STANDARD C/AU-S	59	51.9

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
7100E 11850N	14	1.4
7100E 11800N	19	1.8
7100E 11750N	29	4.4
7100E 11700N	31	1.3
7100E 11650N	31	.2
7100E 11600N	37	3.4
7100E 11550N	33	1.3
7100E 11450N	16	.3
7100E 11400N	20	30.3
7100E 11350N	18	3.0
7100E 11300N	15	1.4
7100E 11250N	12	.5
7100E 11200N	27	1.2
7100E 11150N	17	.6
7100E 11100N	21	2.2
7100E 11050N	18	.6
7100E 11000N	20	1.2
7100E 10900N	21	6.6
RE 7100E 11150N	17	.5
7100E 10800N	10	4.0
7100E 10750N	9	73.3
7100E 10700N	14	3.4
7100E 10650N	19	2.1
7100E 10600N	7	1.9
7100E 10550N	5	9.4
7100E 10500N	8	1.8
7100E 10450N	11	2.0
7200E 12000N	18	10.7
7200E 11850N	24	.2
7200E 11800N	14	.7
7200E 11750N	29	1.5
7200E 11700N	23	.7
7200E 11650N	24	1.6
7200E 11600N	26	.7
7200E 11550N	41	60.5
7200E 11500N	31	4.0
7200E 11450N	16	1.3
STANDARD C/AU-S	57	53.1

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
7200E 11400N	26	1.0
7200E 11350N	12	.7
7200E 11300N	14	.3
7200E 11250N	13	.6
7200E 11200N	18	.8
7200E 11150N	16	.4
7200E 11100N	13	.7
7200E 11050N	22	.9
7200E 11000N	40	1.2
7200E 10950N	15	3.3
7200E 10900N	15	.3
7200E 10850N	77	1.3
7200E 10800N	19	.7
7200E 10750N	8	.5
7200E 10700N	13	7.8
7200E 10650N	21	4.2
7200E 10600N	33	2.7
7200E 10550N	9	.4
7200E 10500N	11	1.6
7200E 10450N	24	1.4
7200E 10400N	23	.8
7200E 10380N	50	1.3
RE 7200E 10550N	9	.2
7200E 10375N	21	3.8
7200E 10350N	19	.5
7200E 10300N	20	2.3
7200E 10250N	18	6.9
7200E 10200N	19	1.5
7200E 10150N	17	1.3
7200E 10100N	21	3.7
7200E 10050N	22	5.7
7200E 10000N	12	2.4
7200E 9950N	23	1.1
7200E 9900N	18	1.0
7200E 9850N	19	4.2
7200E 9800N	15	1.7
7200E 9750N	11	1.2
STANDARD C/AU-S	61	46.5

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
7200E 9700N	16	1.8
7200E 9650N	12	.9
7200E 9600N	17	4.1
7200E 9550N	11	4.3
7200E 9500N	14	2.6
7200E 9450N	16	.6
7200E 9400N	12	.5
7200E 9350N	10	.7
7200E 9300N	9	1.0
7200E 9250N	25	1.4
7200E 9200N	21	.4
7200E 9150N	19	.5
7200E 9100N	38	.3
7200E 9050N	34	1.0
7200E 9000N	25	1.1
7200E 8950N	41	1.0
7200E 8900N	35	1.6
7200E 8850N	11	.2
7200E 8800N	25	1.5
7200E 8750N	19	.9
7200E 8700N	49	1.2
7200E 8650N	38	1.2
7200E 8600N	12	10.4
7200E 8550N	15	1.0
7200E 8500N	65	1.2
7200E 8450N	324	3.2
7400E 12000N	60	2.5
7400E 11850N	20	1.2
7400E 11800N	22	9.7
7400E 11750N	18	1.3
7400E 11700N	24	1.8
7400E 11650N	10	2.3
7400E 11600N	23	.9
RE 7400E 11800N	21	.9
7400E 11550N	59	.2
7400E 11500N	23	.2
7400E 11450N	28	3.4
STANDARD C/AU-S	59	46.7

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
7400E 11400N	28	2.4
7400E 11350N	141	4.0
7400E 11300N	16	1.4
7400E 11250N	103	1.6
7400E 11200N	15	1.2
7400E 11150N	14	2.1
7400E 11100N	18	2.8
7400E 11050N	34	.6
7400E 11000N	15	5.8
7400E 10950N	16	2.0
7400E 10900N	24	1.6
7400E 10850N	20	.8
7400E 10800N	14	44.4
7400E 10750N	11	4.8
7400E 10700N	9	1.7
7400E 10650N	11	.6
7400E 10600N	15	1.0
RE 7400E 10350N	11	.8
7400E 10550N	14	.6
7400E 10500N	25	.2
7400E 10450N	25	1.0
7400E 10400N	69	.2
7400E 10350N	13	.6
7400E 10300N	19	1.0
7400E 10250N	10	1.5
7400E 10200N	40	.2
7400E 10150N	32	6.5
7400E 10100N	29	8.5
7400E 10050N	18	1.5
7400E 10000N	21	3.1
7400E 9950N	21	4.0
7400E 9900N	53	.4
7400E 9850N	21	1.0
7400E 9800N	18	5.0
7400E 9750N	21	1.5
7400E 9700N	22	.2
7400E 9650N	19	8.8
STANDARD C/AU-S	60	50.4

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
7400E 9600N	15	3.8
7400E 9550N	14	2.9
7400E 9500N	12	1.4
7400E 9450N	14	1.8
7400E 9400N	15	1.5
7400E 9350N	14	1.7
7400E 9300N	31	2.4
RE 7400E 9050N	29	.2
7400E 9250N	21	1.2
7400E 9200N	78	2.4
7400E 9150N	24	1.4
7400E 9100N	26	3.5
7400E 9050N	29	.5
7400E 9000N	41	1.3
7400E 8950N	21	4.0
7400E 8900N	15	2.5
7400E 8850N	35	2.6
7400E 8800N	20	1.1
7400E 8750N	26	2.3
7400E 8700N	28	1.4
7400E 8650N	34	1.7
7400E 8600N	39	1.2
7400E 8550N	54	2.1
7400E 8500N	24	2.0
7400E 8450N	19	1.7
7600E 12000E	16	.7
7600E 11900E	24	13.4
7600E 11850E	14	1.4
7600E 11800E	15	4.7
7600E 11750E	19	2.2
7600E 11700E	35	4.8
7600E 11650E	17	1.0
7600E 11600E	15	1.5
7600E 11550E	24	.6
7600E 11500E	19	4.4
7600E 11450E	87	1.2
7600E 11400E	23	1.6
STANDARD C/AU-S	57	46.2

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
7600E 11350N	6	4.9
7600E 11300N	31	3.1
7600E 11250N	20	3.2
7600E 11200N	23	4.3
7600E 11150N	19	2.4
7600E 11100N	16	1.4
7600E 11050N	19	6.6
7600E 11000N	36	2.1
7600E 10950N	22	1.0
7600E 10900N	18	.8
7600E 10850N	26	.2
7600E 10800N	19	1.1
7600E 10750N	24	.2
7600E 10700N	25	1.5
7600E 10650N	33	.2
7600E 10600N	26	.2
7600E 10550N	21	.2
7600E 10500N	26	2.7
7600E 10450N	22	.4
RE 7600E 10650N	32	.2
7600E 10400N	23	.7
7600E 10350N	33	1.1
7600E 10300N	19	.3
7600E 10250N	12	.6
7600E 10200N	16	.9
7600E 10150N	12	.2
7600E 10100N	30	.4
7600E 10050N	15	.9
7600E 10000N	13	1.5
7600E 9950N	11	.3
7600E 9900N	14	.4
7600E 9850N	20	23.7
7600E 9800N	15	2.4
7600E 9750N	18	.7
7600E 9700N	18	1.5
7600E 9650N	17	1.2
7600E 9600N	17	.2
STANDARD C/AU-S	60	46.4

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
7600E 9550N	16	3.6
7600E 9500N	13	2.8
7600E 9450N	20	4.0
7600E 9400N	29	1.8
7600E 9350N	31	1.5
7600E 9300N	21	2.4
7600E 9250N	16	2.3
7600E 9200N	13	1.2
7600E 9150N	34	1.6
7600E 9100N	58	1.4
7600E 9050N	30	1.4
7600E 9000N	53	.8
7600E 8950N	26	1.3
7600E 8900N	28	1.3
7600E 8850N	29	1.0
7600E 8800N	32	2.3
7600E 8750N	38	1.4
7600E 8700N	26	1.9
7600E 8650N	16	2.0
7600E 8600N	19	2.0
7600E 8550N	16	2.6
7600E 8500N	27	.9
7600E 8450N	29	7.5
7600E 8425N	16	1.4
7600E 8415N	20	.8
7800E 12000N	18	1.0
7800E 11850N	20	1.0
7800E 11800N	21	.9
7800E 11750N	18	1.1
7800E 11700N	14	12.5
7800E 11650N	21	2.0
7800E 11600N	19	2.0
7800E 11550N	84	2.9
7800E 11500N	25	4.1
RE 7800E 11650N	28	1.9
7800E 11450N	19	3.9
7800E 11400N	19	3.0
STANDARD C/AU-S	61	45.8

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
7800E 11350N	13	3.3
7800E 11300N	20	.3
7800E 11250N	18	1.3
7800E 11200N	10	.7
7800E 11150N	18	1.1
7800E 11100N	14	1.5
7800E 11050N	15	1.1
7800E 11000N	20	4.6
7800E 10950N	18	1.1
7800E 10900N	12	.2
7800E 10850N	17	1.5
7800E 10800N	81	.3
7800E 10750N	43	.7
RE 7800E 10500N	20	.4
7800E 10700N	21	.5
7800E 10650N	20	2.2
7800E 10600N	22	10.1
7800E 10550N	18	.9
7800E 10500N	20	1.3
7800E 10450N	79	1.6
7800E 10400N	24	.5
7800E 10350N	25	5.1
7800E 10300N	18	5.4
7800E 10250N	22	1.4
7800E 10200N	20	.8
7800E 10150N	45	2.3
7800E 10100N	25	1.6
7800E 10050N	16	1.2
7800E 10000N	7	.7
7800E 9950N	62	1.6
7800E 9900N	28	.6
7800E 9850N	29	.7
7800E 9800N	49	1.4
7800E 9750N	21	3.7
7800E 9700N	25	1.4
7800E 9600N	19	6.9
7800E 9550N	22	3.7
STANDARD C/AU-S	60	46.6

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
7800E 9500N	23	7.4
7800E 9450N	10	3.7
7800E 9400N	16	1.2
7800E 9350N	25	9.1
7800E 9300N	27	2.5
7800E 9250N	24	3.1
7800E 9200N	16	1.1
7800E 9150N	11	2.6
7800E 9100N	17	1.1
7800E 9050N	19	2.6
7800E 9000N	19	2.9
7800E 8950N	29	1.0
7800E 8900N	26	1.2
7800E 8850N	24	2.5
7800E 8800N	32	1.8
7800E 8750N	29	3.2
7800E 8700N	23	1.4
7800E 8650N	37	1.7
7800E 8600N	37	2.1
7800E 8550N	25	1.4
7800E 8500N	22	4.2
7800E 8450N	24	3.1
7800E 8435N	28	2.9
7800E 8410N	24	2.9
8000E 12000N	15	.5
8000E 11950N	11	1.0
8000E 11900N	16	.7
8000E 11850N	21	2.3
8000E 11800N	12	1.8
8000E 11750N	12	.7
8000E 11700N	19	1.9
8000E 11650N	18	1.9
RE 8000E 11800N	13	2.1
8000E 11600N	14	11.4
8000E 11550N	15	.9
8000E 11500N	15	2.2
8000E 11450N	18	1.4
STANDARD C/AU-S	56	46.1

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
8000E 11400N	16	1.3
8000E 11350N	20	1.7
8000E 11300N	23	.4
8000E 11250N	26	4.3
8000E 11200N	15	1.5
8000E 11150N	18	2.4
8000E 11100N	23	.8
8000E 11050N	24	2.1
8000E 11000N	24	3.5
8000E 10950N	31	1.8
8000E 10900N	20	1.9
8000E 10850N	27	.7
8000E 10800N	31	8.2
8000E 10750N	25	.6
8000E 10700N	33	1.1
8000E 10650N	35	.9
8000E 10600N	28	.9
8000E 10550N	26	.8
8000E 10400N	20	.6
8000E 10350N	18	.5
8000E 10300N	24	1.9
8000E 10250N	29	1.3
8000E 10200N	28	.4
RE 8000E 10550N	24	.2
8000E 10150N	25	1.3
8000E 10100N	13	1.0
8000E 10050N	28	.9
8000E 10000N	12	1.0
8000E 9950N	17	.9
8000E 9900N	25	2.7
8000E 9850N	23	7.6
8000E 9800N	22	1.7
8000E 9750N	19	.9
8000E 9700N	26	2.5
8000E 9650N	20	1.7
8000E 9600N	26	2.3
8000E 9550N	27	1.6
STANDARD C/AU-S	60	46.3

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
8000E 9500N	15	2.8
8000E 9450N	20	2.2
8000E 9400N	41	4.7
8000E 9350N	37	.6
8000E 9300N	22	1.7
8000E 9250N	30	1.2
8000E 9200N	20	.2
8000E 9150N	21	.4
8000E 9100N	38	.5
8000E 9050N	29	.2
8000E 9000N	34	.8
8000E 8950N	30	.6
8000E 8900N	18	.2
8000E 8850N	36	.8
8000E 8800N	26	.2
8000E 8750N	29	.4
8000E 8700N	45	.9
8000E 8650N	41	.4
8000E 8600N	79	.2
8000E 8550N	72	.2
8000E 8500N	46	.2
8000E 8450N	67	3.2
8000E 8425N	29	1.6
8200E 12000N	11	1.8
8200E 11950N	20	1.7
RE 8000E 8450N	66	2.5
8200E 11900N	14	.7
8200E 11850N	117	.5
8200E 11800N	20	.3
8200E 11750N	45	.2
8200E 11700N	49	1.8
8200E 11650N	29	.7
8200E 11600N	84	1.1
8200E 11550N	30	1.2
8200E 11500N	28	.3
8200E 11450N	37	.4
8200E 11400N	26	.6
STANDARD C/AU-S	57	52.6

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
8200E 11350N	25	2.6
8200E 11300N	27	1.2
8200E 11250N	20	1.5
8200E 11200N	38	.6
8200E 11150N	16	3.3
8200E 11100N	19	1.2
8200E 11050N	21	93.4
8200E 11000N	18	3.8
8200E 10950N	19	3.8
8200E 10900N	27	2.0
8200E 10850N	28	.9
RE 8200E 10600N	39	1.9
8200E 10800N	37	1.3
8200E 10750N	32	1.3
8200E 10700N	26	1.0
8200E 10650N	32	4.3
8200E 10600N	40	1.8
8200E 10550N	12	1.1
8200E 10500N	36	2.2
8200E 10400N	31	1.1
8200E 10350N	26	.4
8200E 10300N	26	7.0
8200E 10250N	29	.8
8200E 10200N	39	.6
8200E 10150N	22	3.2
8200E 10100N	24	2.2
8200E 10050N	25	3.2
8200E 10000N	27	.4
8200E 9950N	32	1.1
8200E 9900N	25	2.9
8200E 9850N	27	1.1
8200E 9800N	23	.7
8200E 9750N	23	1.6
8200E 9700N	18	2.2
8200E 9650N	30	.6
8200E 9600N	27	1.3
8200E 9550N	26	.6
STANDARD C/AU-S	60	49.8

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
8200E 9500N	19	5.6
8200E 9450N	49	7.3
8200E 9400N	30	5.9
8200E 9350N	17	5.2
8200E 9300N	23	4.1
8200E 9250N	21	7.1
8200E 9200N	76	2.9
8200E 9150N	35	2.3
8200E 9100N	33	4.4
8200E 9050N	24	1.5
8200E 9000N	108	2.3
RE 8200E 9200N	76	1.5
8200E 8950N	53	5.9
8200E 8900N	21	2.6
8200E 8850N	46	1.1
8200E 8800N	29	1.3
8200E 8750N	25	1.1
8200E 8700N	23	1.0
8200E 8650N	44	1.3
8200E 8600N	27	.4
8200E 8550N	34	1.4
8200E 8500N	39	.8
8200E 8450N	35	.8
STANDARD C/AU-S	60	47.0

Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
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GEOCHEMICAL ANALYSIS CERTIFICATE

Cordilleran Engineering Ltd. PROJECT VIN #6 FILE # 91-3901 Page 1
1980 - 1055 W. Hastings S, Vancouver BC V6E 2E9 Attn: JOHN CORMIER

SAMPLE#	Cu ppm	Au* ppb
8400E 12000N	19	2.5
8400E 11900N	23	2.9
8400E 11850N	28	1.7
8400E 11800N	22	1.0
8400E 11750N	65	2.1
8400E 11700N	65	1.9
8400E 11650N	66	1.8
8400E 11600N	42	1.5
8400E 11550N	30	.8
8400E 11500N	33	.5
8400E 11450N	43	1.3
8400E 11400N	34	1.6
8400E 11350N	49	.5
8400E 11300N	25	2.0
8400E 11250N	24	1.4
8400E 11200N	58	4.5
8400E 11150N	136	1.9
8400E 11100N	57	1.1
8400E 11050N	21	54.5
8400E 11000N	25	2.0
8400E 10950N	29	6.5
RE 8400E 10650N	20	4.2
8400E 10900N	21	26.7
8400E 10850N	23	3.6
8400E 10800N	23	3.4
8400E 10750N	20	3.5
8400E 10700N	19	2.0
8400E 10650N	22	11.3
8400E 10600N	22	6.1
8400E 10550N	24	2.6
8400E 10500N	21	2.2
8400E 10450N	26	.9
8400E 10400N	24	1.4
8400E 10350N	26	1.6
8400E 10300N	23	1.8
8400E 10250N	24	1.5
8400E 10200N	21	1.0
STANDARD C/AU-S	60	46.5

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: AUG 27 1991 DATE REPORT MAILED: Sept 4/91.

SIGNED BY..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

RECEIVED
SEP - 6 1991

SAMPLE#	Cu ppm	Au* ppb
8400E 10150N	17	2.2
8400E 10100N	32	4.0
8400E 10050N	25	1.7
8400E 10000N	14	3.5
8400E 9950N	14	2.6
8400E 9900N	11	3.6
8400E 9850N	16	1.0
8400E 9800N	14	.5
8400E 9750N	17	1.6
8400E 9700N	23	1.5
8400E 9650N	19	2.4
8400E 9600N	25	3.7
8400E 9550N	21	1.7
8400E 9500N	22	2.1
8400E 9450N	50	2.6
RE 8400E 9200N	24	2.3
8400E 9400N	23	3.2
8400E 9350N	23	2.0
8400E 9300N	19	1.1
8400E 9250N	29	1.7
8400E 9200N	21	2.0
8400E 9150N	20	.6
8400E 9100N	19	2.9
8400E 9050N	27	.8
8400E 9000N	59	1.1
8400E 8950N	34	1.6
8400E 8900N	33	.8
8400E 8850N	27	.2
8400E 8800N	26	2.0
8400E 8750N	29	2.2
8400E 8700N	22	1.6
8400E 8650N	25	3.5
8400E 8600N	25	2.6
8400E 8550N	25	1.6
8400E 8500N	28	2.6
8400E 8450N	24	1.8
8600E 12000N	36	2.6
STANDARD C/AU-S	57	54.7

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
8600E 11900N	27	2.1
8600E 11850N	49	3.9
8600E 11800N	78	9.9
8600E 11750N	41	.9
8600E 11700N	34	3.0
8600E 11650N	40	2.8
8600E 11600N	36	4.0
8600E 11500N	72	3.8
8600E 11450N	39	2.3
8600E 11400N	35	3.9
8600E 11350N	39	1.9
8600E 11300N	42	2.3
8600E 11250N	19	1.6
8600E 11200N	19	3.1
8600E 11150N	23	1.0
8600E 11100N	33	.8
8600E 11050N	27	.7
8600E 11000N	22	1.2
8600E 10950N	31	36.2
8600E 10900N	29	2.4
8600E 10850N	31	2.2
8600E 10800N	28	.6
8600E 10750N	28	3.0
8600E 10700N	29	.8
8600E 10650N	29	.8
8600E 10600N	30	2.5
8600E 10550N	35	.6
8600E 10500N	50	1.3
8600E 10450N	32	2.3
8600E 10400N	29	2.0
8600E 10350N	25	1.9
8600E 10300N	39	2.1
8600E 10250N	49	.5
8600E 10200N	36	1.6
RE 8600E 10400N	31	1.5
8600E 10150N	51	1.9
8600E 10100N	17	.9
STANDARD C/AU-S	58	48.4

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
8600E 10050N	37	2.9
8600E 10000N	16	6.5
8600E 9950N	20	2.2
8600E 9900N	30	3.0
8600E 9850N	23	15.6
8600E 9800N	20	2.7
8600E 9750N	20	1.8
8600E 9700N	21	4.4
8600E 9650N	17	1.3
8600E 9600N	25	.7
8600E 9550N	33	4.8
8600E 9500N	23	7.3
8600E 9450N	15	3.5
8600E 9400N	19	3.6
8600E 9350N	35	1.8
8600E 9300N	7	1.8
8600E 9250N	20	2.7
8600E 9200N	19	2.3
8600E 9150N	35	2.6
8600E 9100N	45	2.6
8600E 9050N	82	1.1
8600E 9000N	48	.2
8600E 8950N	30	4.1
8600E 8900N	29	2.8
8600E 8850N	21	2.2
8600E 8800N	20	3.1
8600E 8750N	28	2.7
8600E 8700N	28	2.2
8600E 8650N	35	1.2
8600E 8600N	23	2.2
8600E 8550N	25	1.0
8600E 8500N	27	2.1
8600E 8450N	23	1.6
8600E 8425N	30	2.7
8800E 12000N	138	1.6
RE 8600E 8500N	30	2.2
8800E 11950N	89	.5
STANDARD C/AU-S	61	52.4

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
8800E 11900N	37	2.2
8800E 11850N	35	1.1
8800E 11800N	29	.5
8800E 11750N	28	2.6
8800E 11700N	43	3.2
8800E 11650N	28	1.3
8800E 11600N	45	.6
8800E 11550N	33	1.1
RE 8800E 11350N	31	.2
8800E 11500N	26	.8
8800E 11450N	51	2.8
8800E 11400N	34	1.1
8800E 11350N	36	.8
8800E 11300N	49	1.1
8800E 11250N	30	.7
8800E 11200N	36	1.0
8800E 11150N	31	.8
8800E 11100N	25	4.5
8800E 11050N	27	2.4
8800E 11000N	31	7.6
8800E 10950N	29	3.3
8800E 10900N	28	1.4
8800E 10850N	40	1.7
8800E 10800N	28	1.7
8800E 10750N	82	6.0
8800E 10700N	40	2.6
8800E 10650N	34	2.3
8800E 10600N	31	1.6
8800E 10550N	34	3.7
8800E 10400N	24	2.1
8800E 10350N	22	3.0
8800E 10300N	25	4.6
8800E 10250N	24	7.9
8800E 10200N	26	1.7
8800E 10150N	109	3.6
8800E 10100N	26	1.8
8800E 10050N	27	1.3
STANDARD C/AU-S	59	46.2

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
8800E 10000N	35	5.6
8800E 9950N	36	3.5
8800E 9900N	27	1.2
8800E 9850N	38	1.9
8800E 9800N	30	1.1
8800E 9750N	25	2.5
8800E 9700N	36	5.9
8800E 9650N	25	6.5
8800E 9600N	16	1.6
8800E 9550N	87	4.4
8800E 9500N	33	.6
8800E 9450N	24	3.1
8800E 9400N	42	.2
8800E 9350N	17	4.1
8800E 9300N	22	2.4
8800E 9250N	27	.9
8800E 9200N	27	1.0
8800E 9150N	109	.6
8800E 9100N	31	.6
8800E 9050N	17	3.1
8800E 9000N	26	1.9
8800E 8950N	33	.2
8800E 8900N	32	1.0
8800E 8850N	41	.4
8800E 8800N	30	.3
8800E 8750N	33	1.1
8800E 8700N	24	.2
8800E 8650N	19	.3
8800E 8600N	23	.4
8800E 8550N	29	.2
8800E 8500N	30	.2
8800E 8450N	39	1.6
8800E 8430N	49	1.2
RE 8800E 8600N	27	.2
8800E 8410N	50	4.8
9000E 12000N	28	.9
9000E 11850N	30	2.2
STANDARD C/AU-S	56	48.0

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
9000E 11800N	18	3.6
9000E 11750N	21	1.4
9000E 11700N	21	1.8
9000E 11650N	21	1.9
9000E 11600N	25	3.9
9000E 11550N	28	2.1
9000E 11500N	21	1.3
9000E 11450N	30	2.6
9000E 11400N	19	.8
9000E 11350N	19	1.8
9000E 11300N	36	1.0
9000E 11250N	19	1.1
9000E 11200N	26	.4
9000E 11150N	53	1.2
9000E 11100N	32	1.1
9000E 11050N	18	.2
9000E 11000N	17	.3
9000E 10950N	23	.5
9000E 10900N	22	1.3
9000E 10850N	19	.5
9000E 10800N	24	1.6
9000E 10750N	24	.4
9000E 10700N	22	.9
9000E 10650N	22	4.8
9000E 10600N	30	3.1
9000E 10550N	15	.2
9000E 10500N	27	1.1
9000E 10450N	59	1.0
9000E 10400N	29	1.1
9000E 10350N	25	.3
RE 9000E 10550N	13	.4
9000E 10300N	25	.8
9000E 10250N	18	.7
9000E 10200N	23	1.1
9000E 10150N	20	.5
9000E 10100N	17	.8
9000E 10050N	24	.7
STANDARD C/AU-S	58	48.7

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
9000E 10000N	34	3.2
9000E 9950N	24	1.4
9000E 9900N	42	2.2
9000E 9850N	39	8.3
9000E 9800N	32	6.4
9000E 9750N	31	2.8
9000E 9700N	30	4.8
9000E 9650N	42	1.1
9000E 9600N	28	.5
9000E 9550N	30	2.2
9000E 9500N	78	2.4
9000E 9450N	46	1.8
9000E 9350N	35	.6
9000E 9300N	54	1.3
9000E 9250N	55	2.3
9000E 9200N	39	7.2
9000E 9150N	80	2.9
9000E 9100N	74	.7
9000E 9050N	59	2.2
9000E 9000N	25	.9
9000E 8950N	34	1.1
9000E 8900N	24	.8
RE 9000E 9250N	52	1.0
9000E 8850N	35	.2
9000E 8800N	50	.2
9000E 8750N	29	.6
9000E 8700N	43	1.8
9000E 8650N	40	1.6
9000E 8600N	36	3.4
9000E 8550N	54	.8
9000E 8500N	30	.2
9000E 8450N	40	1.5
9200E 12000N	19	.5
9200E 11850N	15	.5
9200E 11800N	26	1.9
9200E 11750N	34	1.2
9200E 11700N	63	.3
STANDARD C/AU-S	56	46.6

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
9200E 11650N	50	2.8
9200E 11600N	76	4.4
9200E 11550N	43	.8
9200E 11500N	19	1.7
9200E 11450N	23	2.1
9200E 11400N	27	.4
9200E 11350N	25	1.4
9200E 11300N	21	1.0
9200E 11250N	16	.7
9200E 11200N	24	1.9
9200E 11150N	19	.5
9200E 11100N	19	2.1
9200E 11050N	17	6.3
9200E 11000N	23	6.2
9200E 10950N	15	2.7
9200E 10900N	19	.4
9200E 10850N	29	1.8
9200E 10800N	24	.8
9200E 10750N	30	2.3
9200E 10700N	29	.7
9200E 10650N	54	1.7
9200E 10600N	29	1.3
RE 9200E 10750N	34	1.7
9200E 10550N	36	1.6
9200E 10500N	43	.5
9200E 10450N	66	1.8
9200E 10400N	70	1.2
9200E 10350N	25	1.1
9200E 10300N	22	1.4
9200E 10250N	34	1.1
9200E 10200N	16	2.8
9200E 10150N	29	2.0
9200E 10100N	26	.9
9200E 10050N	29	.6
9200E 10000N	31	3.2
9200E 9950N	36	2.1
9200E 9900N	42	.7
STANDARD C/AU-S	56	55.8

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
9200E 9850N	22	2.9
9200E 9800N	77	3.2
9200E 9750N	38	1.8
9200E 9700N	26	1.8
9200E 9650N	33	1.3
9200E 9600N	53	.9
9200E 9550N	61	1.3
9200E 9500N	50	1.6
RE 9200E 9250N	57	.9
9200E 9450N	37	1.3
9200E 9400N	66	.5
9200E 9350N	45	2.0
9200E 9300N	56	.5
9200E 9250N	63	1.3
9200E 9200N	20	.3
9200E 9150N	22	.8
9200E 9100N	43	1.1
9200E 9050N	34	6.6
9200E 9000N	26	1.3
9200E 8950N	45	1.2
9200E 8900N	78	8.9
9200E 8850N	49	.7
9200E 8800N	64	2.5
9200E 8750N	60	14.4
9200E 8700N	32	3.4
9200E 8650N	27	1.4
9200E 8600N	50	2.8
9200E 8550N	37	1.3
9200E 8500N	31	2.8
9200E 8450N	33	2.6
9200E 8430N	35	1.8
9400E 10400N	39	.5
9400E 10350N	37	1.1
9400E 10300N	32	.7
9400E 10250N	33	.2
9400E 10200N	23	1.1
9400E 10150N	35	1.3
STANDARD C/AU-S	56	50.9

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
9400E 10100N	33	6.5
9400E 10050N	28	5.0
9400E 10000N	31	.8
9400E 9950N	28	.3
9400E 9900N	132	2.9
9400E 9850N	23	2.9
9400E 9800N	32	1.1
9400E 9750N	50	2.3
9400E 9700N	64	2.7
9400E 9650N	31	1.1
9400E 9600N	35	2.4
9400E 9550N	38	1.5
9400E 9500N	42	2.2
9400E 9450N	53	.8
9400E 9400N	44	3.9
9400E 9350N	34	2.0
9400E 9300N	40	1.9
9400E 9250N	35	1.0
9400E 9050N	26	3.2
9400E 9000N	32	2.6
9400E 8950N	31	.2
9400E 8900N	46	2.6
9400E 8850N	48	.6
9400E 8800N	30	2.2
9400E 8750N	31	.5
9400E 8700N	36	.6
9400E 8650N	30	.6
9400E 8600N	36	3.3
9400E 8550N	24	.7
9400E 8500N	35	1.4
9400E 8450N	37	1.1
9400E 8425N	43	.2
9600E 10420N	36	.7
9600E 10410N	51	.4
RE 9400E 8500N	35	1.7
9600E 10400N	33	12.0
9600E 10350N	26	.7
STANDARD C/AU-S	59	45.2

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
9600E 10300N	31	1.2
9600E 10250N	44	2.1
9600E 10200N	38	2.2
9600E 10150N	34	1.9
9600E 10100N	89	1.8
9600E 10050N	27	.5
9600E 10000N	56	1.2
9600E 9950N	41	.2
9600E 9900N	35	.2
9600E 9850N	29	.5
9600E 9800N	27	1.9
9600E 9750N	29	6.0
9600E 9700N	28	2.5
9600E 9650N	34	.8
RE 9600E 9450N	44	1.0
9600E 9600N	65	3.6
9600E 9550N	32	1.7
9600E 9500N	26	1.7
9600E 9450N	44	1.1
9600E 9400N	39	.3
9600E 9350N	27	1.0
9600E 9300N	35	5.8
9600E 9250N	98	1.3
9600E 9200N	43	10.0
9600E 9150N	24	2.6
9600E 9100N	30	2.3
9600E 9050N	33	.1
9600E 9000N	49	1.3
9600E 8950N	34	.1
9600E 8900N	37	.1
9600E 8850N	34	3.4
9600E 8800N	26	1.3
9600E 8750N	39	1.8
9600E 8700N	47	7.1
9600E 8650N	61	1.8
9600E 8600N	34	3.5
9600E 8550N	29	2.1
STANDARD C/AU-S	56	47.0

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
9600E 8500N	27	3.2
9600E 8450N	24	2.6
9800E 10400N	36	1.0
9800E 10350N	25	1.4
9800E 10300N	35	.9
9800E 10250N	22	1.0
9800E 10200N	24	2.5
9800E 10150N	27	4.2
9800E 10050N	23	1.5
9800E 10000N	31	.4
9800E 9950N	45	1.9
9800E 9900N	37	2.3
9800E 9850N	17	1.4
9800E 9800N	27	2.1
9800E 9750N	35	4.0
9800E 9700N	39	2.5
9800E 9650N	34	1.1
9800E 9600N	36	2.1
9800E 9550N	35	1.5
9800E 9500N	24	29.0
9800E 9450N	23	3.9
9800E 9400N	24	2.1
9800E 9350N	27	2.3
9800E 9300N	27	2.0
9800E 9150N	31	1.8
9800E 9100N	26	22.4
9800E 9050N	30	1.4
9800E 9000N	27	2.0
9800E 8950N	30	2.1
9800E 8900N	30	1.4
9800E 8850N	21	1.6
RE 9800E 9000N	27	2.8
9800E 8800N	28	4.9
9800E 8750N	19	.4
9800E 8600N	33	5.5
9800E 8550N	26	1.7
9800E 8500N	27	.5
STANDARD C/AU-S	58	46.2

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
9800E 8450N	32	4.1
9800E 8435N	38	20.5
9800E 8420N	74	2.2
10000E 10400N	41	.8
10000E 10370N	47	.4
10000E 10350N	20	1.3
10000E 10300N	47	.9
10000E 10200N	23	.9
10000E 10150N	32	1.5
10000E 10100N	56	2.7
10000E 10050N	40	1.1
RE 10000E 9800N	26	.8
10000E 10000N	36	2.0
10000E 9950N	31	.8
10000E 9900N	36	6.6
10000E 9850N	34	1.6
10000E 9800N	26	1.4
10000E 9750N	30	.6
10000E 9700N	30	16.1
10000E 9650N	32	1.3
10000E 9600N	27	1.7
10000E 9550N	28	.9
10000E 9500N	26	1.7
10000E 9450N	22	1.3
10000E 9400N	27	1.7
10000E 9350N	36	1.0
10000E 9300N	26	.2
10000E 9250N	24	.2
10000E 9200N	27	1.5
10000E 9150N	29	.7
10000E 9100N	26	.8
10000E 9050N	53	.3
10000E 9000N	41	8.8
10000E 8950N	26	1.9
10000E 8900N	35	1.3
10000E 8850N	30	1.3
10000E 8800N	69	1.0
STANDARD C/AU-S	61	47.8

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
10000E 8750N	55	4.2
10000E 8700N	41	2.1
10000E 8650N	36	1.7
10000E 8600N	25	5.7
10000E 8550N	27	1.4
10000E 8500N	22	2.7
10000E 8450N	25	1.7
10400E 10400N	24	2.0
10400E 10375N	25	2.4
10400E 10350N	25	1.1
10400E 10300N	18	.9
10400E 10250N	14	1.8
10400E 10200N	18	1.0
10400E 10150N	19	.7
10400E 10100N	22	1.2
10400E 10050N	23	1.7
10400E 10000N	26	.2
10400E 9950N	25	1.4
10400E 9900N	33	.5
10400E 9850N	26	2.1
10400E 9800N	31	1.4
10400E 9750N	34	1.5
10400E 9700N	32	2.7
10400E 9650N	28	2.6
RE 10400E 9000N	29	2.9
10400E 9600N	24	2.0
10400E 9550N	19	1.3
10400E 9500N	28	3.1
10400E 9450N	32	19.4
10400E 9400N	19	2.7
10400E 9350N	23	3.1
10400E 9300N	30	1.5
10400E 9250N	32	1.8
10400E 9150N	123	7.6
10400E 9100N	40	1.6
10400E 9050N	24	1.7
10400E 9000N	27	1.7
STANDARD C/AU-S	58	45.9

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
10400E 8950N	66	3.9
10400E 8900N	38	2.5
10400E 8850N	23	2.5
10400E 8800N	25	.9
10400E 8750N	27	1.8
10400E 8700N	37	1.7
10400E 8650N	30	1.7
10400E 8600N	28	5.0
10400E 8550N	33	2.3
RE 10800E 9900N	38	.9
10400E 8500N	30	.7
10400E 8450N	29	2.9
10800E 10000N	22	7.9
10800E 9950N	29	1.9
10800E 9900N	39	.7
10800E 9850N	29	1.6
10800E 9800N	36	2.9
10800E 9750N	93	2.1
10800E 9700N	51	1.6
10800E 9650N	60	3.3
10800E 9600N	25	.8
10800E 9550N	27	1.4
10800E 9500N	24	1.1
10800E 9450N	29	1.5
10800E 9400N	34	2.9
10800E 9350N	25	2.4
10800E 9300N	30	4.4
10800E 9250N	21	1.9
10800E 9200N	27	2.1
10800E 9150N	19	3.8
10800E 9100N	30	2.3
10800E 9050N	23	2.2
10800E 9000N	63	.9
10800E 8950N	40	1.1
10800E 8900N	33	2.5
10800E 8850N	23	1.9
10800E 8800N	21	4.7
STANDARD C/AU-S	56	45.8

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
10800E 8750N	21	3.3
10800E 8700N	27	.6
10800E 8650N	28	1.2
10800E 8600N	33	1.7
10800E 8550N	34	1.9
10800E 8500N	23	1.4
10800E 8450N	33	.2
RE 11200E 10200N	20	1.7
11200E 10400N	21	.4
11200E 10350N	23	.6
11200E 10300N	25	26.0
11200E 10250N	19	2.7
11200E 10200N	21	1.3
11200E 10150N	21	.8
11200E 10100N	22	1.4
11200E 10050N	20	.8
11200E 10000N	29	.2
11200E 9950N	19	2.4
11200E 9900N	23	1.7
11200E 9850N	20	.7
11200E 9800N	27	.8
11200E 9750N	33	.2
11200E 9700N	28	.8
11200E 9650N	40	.2
11200E 9600N	27	.8
11200E 9550N	20	.2
11200E 9500N	22	1.8
11200E 9450N	30	1.0
11200E 9400N	28	.5
11200E 9350N	24	6.2
11200E 9300N	38	2.4
11200E 9250N	36	.8
11200E 9200N	25	.6
11200E 9150N	42	1.2
11200E 9050N	47	2.4
11200E 9000N	31	.7
11200E 8950N	32	1.2
STANDARD C/AU-S	57	52.9

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
11200E 8900N	39	1.9
11200E 8850N	23	.4
11200E 8800N	26	.3
11200E 8750N	29	.2
11200E 8700N	28	3.4
11200E 8650N	24	.7
11200E 8600N	19	.5
11200E 8550N	32	.5
11200E 8500N	26	5.4
RE 11200E 8700N	28	2.3
11200E 8450N	35	.4
11200E 8435N	11	380.0
11200E 8420N	44	19.4
STANDARD C/AU-S	58	46.9

Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Cordilleran Engineering Ltd. PROJECT VIN #7 FILE # 91-4144 Page 1
1980 - 1055 W. Hastings S, Vancouver BC V6E 2E9 Attn: JOHN CORMIER

SAMPLE#	Cu ppm	Au* ppb
2400E 2500N	19	1.4
2400E 2450N	116	1.2
RE 2400E 2200N	22	.2
2400E 2400N	30	2.9
2400E 2350N	25	1.4
2400E 2300N	40	1.8
2400E 2250N	16	.5
2400E 2200N	22	1.9
2400E 2150N	49	1.2
2400E 2100N	34	.8
2400E 2050N	42	1.1
2400E 2000N	17	.8
2400E 1950N	16	.5
2400E 1900N	18	.3
2400E 1850N	17	.2
2400E 1800N	16	.5
2400E 1750N	49	.8
2400E 1700N	18	.6
2400E 1650N	23	.7
2400E 1600N	20	1.0
2400E 1550N	19	.3
2400E 1500N	18	.7
2400E 1450N	21	1.3
2400E 1400N	23	.3
2400E 1350N	33	.2
2400E 1300N	22	.2
2400E 1250N	25	1.0
2400E 1200N	10	.8
2400E 1150N	21	.7
2400E 1100N	17	1.8
2400E 1050N	14	.7
2400E 1000N	34	1.0
2400E 950N	19	.3
2400E 900N	12	1.2
2400E 850N	12	.2
2400E 800N	20	.2
2400E 750N	18	.4
STANDARD C/AU-S	57	46.3

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: SEP 4 1991 DATE REPORT MAILED: Sept 11/91.

SIGNED BY. C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Cu ppm	Au* ppb
2400E 700N	20	2.4
2400E 650N	16	.7
2400E 600N	18	.7
2400E 550N	20	2.1
2400E 500N	15	2.2
2400E 450N	96	18.5
2400E 400N	37	4.3
2400E 350N	24	2.4
2400E 300N	15	2.1
2400E 250N	47	1.7
2400E 200N	17	.2
2400E 150N	12	.2
2400E 000N	17	1.3
4400E 6400N	29	4.4
4400E 6350N	26	3.1
4400E 6300N	22	.5
4400E 6250N	17	1.1
RE 4400E 6400N	28	3.1
4400E 6200N	17	.6
4400E 6150N	25	2.5
4400E 6100N	18	1.4
4400E 6050N	32	2.2
4400E 6000N	19	1.0
4400E 5950N	17	1.3
4400E 5900N	20	.8
4400E 5850N	24	1.5
4400E 5800N	20	2.2
4400E 5750N	65	3.4
4400E 5700N	149	4.4
4400E 5650N	22	.7
4400E 5600N	32	7.9
4400E 5550N	122	3.0
4400E 5500N	17	1.0
4400E 5450N	20	3.7
4400E 5400N	26	1.1
4400E 5350N	37	9.9
4400E 5300N	18	.7
STANDARD C/AU-S	55	47.4

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
4400E 5250N	44	3.7
4400E 5200N	33	1.2
4400E 5150N	38	3.0
4400E 5100N	32	.7
4400E 5050N	10	.5
4800E 6370N	27	2.0
4800E 6350N	17	1.6
4800E 6300N	21	.9
RE 4800E 6050N	19	4.1
4800E 6250N	32	1.2
4800E 6200N	17	5.2
4800E 6150N	19	1.4
4800E 6100N	19	2.7
4800E 6050N	19	4.5
4800E 6000N	21	1.0
4800E 5950N	45	.9
4800E 5900N	31	.2
4800E 5850N	19	.7
4800E 5800N	20	.9
4800E 5750N	18	.7
4800E 5700N	20	.7
4800E 5650N	13	1.1
4800E 5600N	21	1.8
4800E 5550N	22	1.8
4800E 5500N	18	2.3
4800E 5450N	15	1.0
4800E 5400N	23	1.8
4800E 5350N	40	1.5
4800E 5300N	18	.8
4800E 5250N	16	1.8
4800E 5200N	26	3.2
4800E 5150N	25	1.8
4800E 5100N	21	1.4
4800E 5050N	25	1.6
4800E 5000N	17	3.1
4800E 4950N	26	2.5
4800E 4900N	25	1.7
STANDARD C/AU-S	58	47.1

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
4800E 4850N	18	2.7
4800E 4800N	18	1.8
4800E 4750N	18	.9
4800E 4700N	19	54.2
4800E 4650N	47	7.8
4800E 4600N	55	1.8
4800E 4550N	20	5.1
4800E 4500N	44	1.1
4800E 4450N	31	.4
4800E 4400N	14	1.3
4800E 4350N	13	1.3
4800E 4300N	23	2.9
4800E 4250N	103	1.3
4800E 4200N	21	.9
RE 4800E 3950N	26	1.4
4800E 4150N	39	.7
4800E 4100N	31	.8
4800E 4050N	28	13.8
4800E 4000N	22	8.5
4800E 3950N	26	1.5
4800E 3900N	23	2.3
4800E 3850N	31	.2
4800E 3800N	27	1.6
4800E 3750N	28	.8
4800E 3700N	22	.2
4800E 3650N	29	1.9
4800E 3600N	20	3.5
4800E 3550N	25	1.2
4800E 3500N	20	.5
4800E 3450N	17	6.4
4800E 3400N	19	.3
4800E 3350N	16	1.5
4800E 3300N	15	.9
4800E 3250N	12	.8
4800E 3200N	19	.4
4800E 3150N	13	.3
4800E 3100N	18	.2
STANDARD C/AU-S	55	50.8

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
4800E 3050N	56	5.3
4800E 3000N	29	3.0
4800E 2950N	17	.3
4800E 2900N	17	.3
4800E 2850N	42	1.4
4800E 2800N	20	.8
4800E 2750N	101	.4
4800E 2700N	26	.8
4800E 2650N	15	.6
4800E 2600N	66	.8
4800E 2550N	33	3.9
5200E 5450N	40	6.0
5200E 5200N	74	1.0
5200E 5150N	15	1.4
5200E 5100N	15	.3
5200E 5050N	9	.9
5200E 5000N	33	1.6
5200E 4950N	21	.5
5200E 4900N	23	1.3
5200E 4850N	19	2.2
5200E 4800N	139	2.0
RE 5200E 4950N	23	.5
5200E 4750N	22	.2
5200E 4700N	25	.5
5200E 4650N	19	.6
5200E 4600N	30	.2
5200E 4550N	20	.5
5200E 4500N	21	1.0
5200E 4450N	22	.2
5200E 4400N	37	.4
5200E 4350N	30	.2
5200E 4300N	37	.2
5200E 4250N	14	.9
5200E 4200N	17	1.2
5200E 4050N	39	1.8
5200E 3750N	35	.4
5200E 3700N	12	.8
STANDARD C/AU-S	59	53.6

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
5200E 3650N	34	2.0
5200E 3600N	31	.9
5200E 3550N	26	1.3
5200E 3500N	140	1.3
5200E 3450N	18	1.2
5200E 3400N	25	.3
5200E 3350N	21	.9
5200E 3300N	23	2.1
5200E 3250N	38	1.1
5200E 3200N	15	.5
5200E 3150N	19	1.0
5200E 3100N	55	.7
5200E 3050N	72	.7
5200E 3000N	18	2.7
5200E 2950N	24	.2
5200E 2900N	18	1.3
5200E 2850N	23	3.1
5200E 2800N	21	2.3
5200E 2750N	32	.2
5200E 2700N	20	.5
RE 5200E 2850N	20	1.8
5200E 2650N	15	.5
5200E 2600N	24	.7
5200E 2550N	18	6.0
5600E 6350N	22	1.6
5600E 6300N	20	.2
5600E 6250N	18	1.2
5600E 6200N	19	.2
5600E 6150N	20	.2
5600E 6100N	13	.2
5600E 6050N	20	.6
5600E 6000N	22	.8
5600E 5950N	27	.2
5600E 5900N	112	.5
5600E 5850N	23	.2
5600E 5800N	62	.2
5600E 5750N	21	5.8
STANDARD C/AU-S	58	46.7

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
5600E 5700N	13	3.2
5600E 5650N	12	.5
5600E 5600N	11	.4
5600E 5550N	14	2.1
5600E 5500N	12	.6
5600E 5450N	14	9.3
5600E 5200N	20	.8
5600E 5150N	15	.5
5600E 5100N	16	.9
5600E 5050N	17	3.3
5600E 5000N	37	2.5
5600E 4950N	29	1.1
RE 5600E 4750N	23	.2
5600E 4900N	23	.9
5600E 4850N	24	1.1
5600E 4800N	25	1.0
5600E 4750N	21	1.1
5600E 4700N	15	1.2
5600E 4650N	25	.8
5600E 4600N	20	.3
5600E 4550N	113	1.0
5600E 4500N	19	.5
5600E 4450N	11	.7
5600E 4400N	36	.2
5600E 4350N	37	1.3
5600E 4300N	24	.8
5600E 4250N	9	.3
5600E 4200N	6	.2
5600E 4150N	79	.8
5600E 4100N	63	.3
5600E 4050N	20	.5
5600E 4000N	11	.9
5600E 3950N	45	.2
5600E 3900N	18	.2
5600E 3850N	24	1.0
5600E 3800N	23	.4
5600E 3750N	37	3.4
STANDARD C/AU-S	64	49.3

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
5600E 3700N	148	2.5
5600E 3650N	39	4.8
5600E 3600N	36	6.2
5600E 3550N	22	.2
5600E 3500N	22	2.1
5600E 3450N	37	.4
5600E 3400N	17	1.1
5600E 3350N	21	.2
5600E 3300N	23	.8
5600E 3250N	135	.8
5600E 3200N	27	.6
5600E 3150N	8	.7
5600E 3100N	14	1.4
5600E 3050N	18	.5
5600E 3000N	22	.2
5600E 2950N	17	.2
5600E 2900N	23	1.4
5600E 2850N	23	.2
5600E 2800N	28	1.8
5600E 2750N	38	2.4
RE 5600E 2800N	26	2.1
5600E 2700N	54	1.3
5600E 2650N	22	.4
5600E 2600N	26	.4
5600E 2550N	34	.4
6000E 6350N	20	1.2
6000E 6300N	18	2.1
6000E 6250N	15	.2
6000E 6200N	21	.3
6000E 6150N	18	.2
6000E 6100N	16	.8
6000E 6050N	17	.4
6000E 6000N	17	.9
6000E 5950N	21	.5
6000E 5900N	20	.3
6000E 5850N	21	2.3
6000E 5800N	32	.3
STANDARD C/AU-S	58	50.2

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
6000E 5750N	20	3.6
6000E 5700N	19	1.8
6000E 5650N	30	1.6
6000E 5600N	29	1.5
6000E 5550N	20	1.0
6000E 5500N	30	1.0
6000E 5450N	17	.4
6000E 5400N	19	1.5
6000E 5350N	18	4.3
6000E 5300N	32	6.8
6000E 5250N	15	1.8
6000E 5200N	26	7.9
6000E 5150N	57	4.0
6000E 5100N	16	1.7
RE 6000E 4850N	33	.9
6000E 5050N	167	3.8
6000E 5000N	25	.9
6000E 4900N	25	1.7
6000E 4850N	31	5.7
6000E 4800N	34	1.4
6000E 4750N	25	.8
6000E 4700N	19	.8
6000E 4650N	9	1.2
6000E 4600N	33	1.0
6000E 4550N	28	.8
6000E 4500N	29	1.2
6000E 4450N	25	1.1
6000E 4400N	26	.5
6000E 4350N	28	8.4
6000E 4300N	22	1.4
6000E 4250N	35	.8
6000E 4200N	102	1.4
6000E 4150N	24	1.5
6000E 4100N	55	1.8
6000E 4050N	25	1.2
6000E 4000N	19	.6
6000E 3950N	18	3.4
STANDARD C/AU-S	57	45.1

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
6000E 3900N	18	1.0
6000E 3850N	26	2.0
6000E 3800N	19	3.0
6000E 3750N	25	2.1
6000E 3700N	18	1.0
6000E 3650N	13	.8
6000E 3600N	22	.7
6000E 3550N	26	4.4
6000E 3500N	22	.9
6000E 3450N	24	.7
6000E 3400N	31	1.0
6000E 3350N	54	1.1
6000E 3300N	291	4.5
6000E 3200N	32	2.1
6000E 3150N	38	1.4
6000E 3100N	21	.7
6000E 3050N	26	1.1
6000E 3000N	35	1.1
6000E 2950N	34	2.5
6000E 2900N	37	.4
6000E 2850N	28	1.0
6000E 2800N	29	.3
6000E 2750N	31	6.9
6000E 2700N	38	.4
6000E 2650N	22	.3
6000E 2600N	29	1.0
6000E 2550N	24	27.4
6400E 6350N	26	2.5
6400E 6300N	18	5.2
6400E 6250N	20	3.2
6400E 6200N	21	3.9
6400E 6150N	19	5.3
6400E 6100N	18	1.0
RE 6400E 6250N	18	3.7
6400E 6050N	17	1.1
6400E 6000N	20	.5
STANDARD C/AU-S	62	46.6

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
6400E 5950N	22	1.8
6400E 5900N	19	1.0
6400E 5850N	16	1.7
6400E 5800N	19	1.3
6400E 5750N	20	7.5
6400E 5700N	21	75.7
6400E 5650N	23	7.7
6400E 5600N	19	2.0
6400E 5550N	36	161.0
6400E 5500N	25	13.1
6400E 5450N	28	3.9
6400E 5400N	36	1.5
6400E 5350N	38	3.2
6400E 5300N	28	1.5
6400E 5000N	43	3.6
6400E 4950N	28	149.5
6400E 4900N	22	7.1
6400E 4850N	57	.3
6400E 4800N	15	1.0
6400E 4750N	23	1.8
6400E 4700N	29	1.0
6400E 4650N	36	1.9
6400E 4600N	58	1.3
6400E 4550N	24	4.0
RE 6400E 4750N	21	1.7
6400E 4500N	19	.3
6400E 4450N	21	1.2
6400E 4400N	36	1.2
6400E 4350N	59	.7
6400E 4300N	27	1.4
6400E 4250N	22	2.4
6400E 4200N	47	7.8
6400E 4150N	17	1.3
6400E 4100N	22	3.6
6400E 4050N	39	1.7
6400E 4000N	31	.5
6400E 3950N	32	1.7
STANDARD C/AU-S	58	45.4

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
6400E 3900N	30	1.3
6400E 3850N	23	5.7
6400E 3800N	35	2.4
6400E 3750N	37	4.0
6400E 3700N	38	2.2
6400E 3650N	32	.8
6400E 3600N	32	.6
6400E 3550N	37	.9
6400E 3500N	30	1.2
6400E 3450N	35	.6
6400E 3400N	29	1.3
6400E 3350N	73	1.4
6400E 3300N	48	5.5
6400E 3250N	34	.8
6400E 3200N	26	4.3
6400E 3150N	43	.5
6400E 3100N	45	1.6
6400E 3050N	30	1.6
6400E 3000N	55	1.2
6400E 2950N	26	2.0
6400E 2900N	33	.9
RE 6400E 3100N	45	1.7
6400E 2850N	21	.2
6400E 2800N	25	.8
6400E 2750N	20	6.1
6400E 2700N	21	.6
6400E 2650N	34	.6
6400E 2600N	27	7.3
6800E 6350N	20	.3
6800E 6300N	17	1.2
6800E 6250N	19	1.2
6800E 6200N	27	1.1
6800E 6150N	18	.6
6800E 6100N	21	.4
6800E 6050N	29	.9
6800E 6000N	38	1.2
6800E 5950N	24	1.3
STANDARD C/AU-S	60	53.3

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
6800E 5900N	21	1.7
6800E 5850N	23	1.8
6800E 5800N	17	1.6
6800E 5750N	21	.3
6800E 5700N	17	.8
6800E 5650N	18	.2
6800E 5600N	19	.2
6800E 5550N	21	.2
6800E 5500N	23	2.5
6800E 5450N	24	1.0
6800E 5400N	34	2.3
6800E 5350N	46	.9
6800E 5300N	23	.7
6800E 4750N	71	2.7
6800E 4700N	28	1.1
6800E 4650N	18	.9
6800E 4600N	26	.3
6800E 4550N	27	1.9
6800E 4500N	38	.2
6800E 4450N	29	2.6
6800E 4400N	21	1.0
RE 6800E 4550N	30	1.0
6800E 4350N	20	3.1
6800E 4300N	39	.8
6800E 4250N	27	.3
6800E 4200N	25	.3
6800E 4150N	29	3.7
6800E 4100N	59	1.0
6800E 4050N	36	22.1
6800E 4000N	36	1.7
6800E 3950N	30	1.6
6800E 3900N	31	3.0
6800E 3850N	25	5.9
6800E 3800N	29	4.8
6800E 3750N	23	2.5
6800E 3700N	22	15.7
6800E 3650N	31	7.0
STANDARD C/AU-S	60	49.9

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
6800E 3600N	20	2.9
6800E 3550N	28	.9
6800E 3500N	35	2.4
6800E 3450N	34	6.3
6800E 3400N	27	3.3
6800E 3350N	24	2.9
6800E 3300N	30	66.3
6800E 3250N	23	39.5
6800E 2750N	23	3.1
6800E 2700N	16	.8
6800E 2650N	29	2.5
6800E 2600N	103	3.5
6800E 2550N	31	61.3
RE 7200E 5700N	18	1.4
7200E 5850N	30	2.3
7200E 5800N	31	13.5
7200E 5750N	21	2.5
7200E 5700N	22	1.6
7200E 5650N	27	.8
7200E 5600N	16	2.0
7200E 5550N	20	2.4
7200E 5500N	19	2.3
7200E 5450N	26	1.1
7200E 5400N	21	1.0
7200E 5350N	31	.5
7200E 5300N	27	3.3
7200E 5250N	30	2.4
7200E 5200N	22	2.8
7200E 5150N	65	3.0
7200E 5100N	30	2.3
7200E 5050N	21	.8
7200E 5000N	30	.6
7200E 4950N	42	1.1
7200E 4900N	46	2.4
7200E 4850N	26	3.5
7200E 4800N	23	3.4
7200E 4750N	20	1.2
STANDARD C/AU-S	61	46.1

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
7200E 4700N	22	4.5
7200E 4650N	68	1.8
7200E 4600N	48	1.0
7200E 4550N	28	3.4
7200E 4500N	43	1.2
7200E 4450N	31	.8
7200E 4400N	24	33.3
RE 7200E 4200N	37	4.8
7200E 4350N	23	2.6
7200E 4300N	33	1.4
7200E 4250N	30	3.3
7200E 4200N	39	3.5
7200E 4150N	26	1.4
7200E 4100N	26	1.5
7200E 4050N	18	1.7
7200E 4000N	19	1.5
7200E 3950N	18	1.3
7200E 3900N	18	1.3
7200E 3850N	30	1.1
7200E 3800N	20	2.1
7200E 3750N	18	11.3
7200E 3700N	35	4.3
7200E 3650N	23	9.1
7200E 3600N	20	3.6
7200E 3550N	24	.7
7200E 3500N	26	1.3
7200E 3450N	28	2.9
7200E 3400N	25	2.1
7200E 3350N	27	56.5
7200E 3300N	22	10.7
7200E 3000N	35	8.2
7200E 2950N	44	2.1
7200E 2900N	22	3.8
7200E 2850N	40	4.5
7200E 2800N	32	9.2
7200E 2750N	22	1.5
7200E 2700N	19	1.2
STANDARD C/AU-S	58	46.2

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
7200E 2650N	59	3.6
7250E 3250N	28	1.7
7250E 3200N	21	1.9
7250E 3100N	55	2.7
7250E 3050N	27	2.5
7400E 5850N	27	1.1
7400E 5800N	25	3.5
7400E 5750N	24	.6
7400E 5700N	31	.5
7400E 5650N	18	.8
7400E 5600N	30	1.3
7400E 5550N	24	1.5
7400E 5500N	27	.9
7400E 5450N	29	1.8
7400E 5400N	23	.9
7400E 5350N	23	2.1
7400E 5300N	28	1.9
7400E 5250N	25	1.1
7400E 5200N	34	1.4
7400E 5150N	13	1.5
7400E 5100N	30	6.0
7400E 5050N	23	1.3
7400E 5000N	17	10.1
7600E 5875N	30	45.8
7600E 5850N	26	5.0
7600E 5800N	33	1.9
7600E 5750N	28	1.2
RE 7600E 5850N	27	1.4
7600E 5700N	32	1.6
7600E 5650N	25	.7
7600E 5600N	44	1.2
7600E 5550N	31	1.0
7600E 5500N	20	1.5
7600E 5450N	20	.7
7600E 5400N	27	2.9
7600E 5350N	23	6.4
7600E 5300N	13	56.9
STANDARD C/AU-S	58	47.9

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
7600E 5250N	21	2.6
7600E 5200N	32	6.0
7600E 5150N	31	2.3
7600E 5100N	28	1.0
7600E 5050N	26	1.9
7600E 5000N	23	2.8
7600E 4950N	23	1.6
7600E 4900N	22	1.1
7600E 4850N	10	1.0
7600E 4800N	42	1.3
7600E 4750N	31	1.3
7600E 4700N	35	2.2
7600E 4650N	87	2.4
7600E 4600N	119	2.7
7600E 4500N	43	2.5
7600E 4450N	31	1.2
7600E 4400N	33	2.7
7600E 4350N	25	1.1
7600E 4300N	22	2.3
7600E 4250N	40	7.0
7600E 4200N	46	24.5
7600E 4150N	31	3.0
7600E 4100N	29	1.1
7600E 4050N	28	2.0
7600E 4000N	19	1.9
7600E 3950N	42	2.7
7600E 3900N	31	1.4
7600E 3850N	25	6.3
7600E 3800N	22	2.5
7600E 3750N	16	1.2
7600E 3700N	28	.9
7600E 3650N	148	3.0
RE 7600E 3850N	25	7.9
7600E 3600N	51	2.4
7600E 3550N	44	1.9
7600E 3500N	65	2.1
7600E 3450N	33	1.5
STANDARD C/AU-S	58	46.4

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
7600E 3400N	36	5.9
7600E 3350N	40	4.5
7600E 3300N	31	1.5
7600E 3250N	24	1.0
7600E 3200N	21	.6
7600E 3150N	20	1.7
7600E 3100N	19	2.1
7600E 3050N	21	.5
RE 7600E 2850N	66	1.0
7600E 3000N	31	.3
7600E 2950N	38	.5
7600E 2900N	32	4.8
7600E 2850N	63	.2
7600E 2800N	34	.2
7600E 2750N	25	.7
7600E 2700N	34	1.7
7600E 2650N	27	1.2
7600E 2600N	22	.2
7800E 5850N	32	1.4
7800E 5800N	16	8.7
7800E 5750N	24	1.7
7800E 5700N	27	.5
7800E 5650N	17	6.9
7800E 5600N	25	.3
7800E 5550N	43	.2
7800E 5500N	28	.4
7800E 5450N	23	.9
7800E 5400N	26	.2
7800E 5350N	22	1.4
7800E 5300N	19	3.5
7800E 5250N	25	.9
7800E 5200N	29	2.1
7800E 5150N	22	.4
7800E 5100N	29	1.8
7800E 5050N	44	27.1
7800E 5000N	31	7.6
8000E 5870N	191	2.8
STANDARD C/AU-S	57	46.0

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
8000E 5850N	24	2.3
8000E 5800N	29	3.2
RE 8000E 5600N	23	1.5
8000E 5750N	22	2.4
8000E 5700N	24	2.8
8000E 5650N	32	2.0
8000E 5600N	22	3.4
8000E 5550N	26	1.5
8000E 5500N	29	1.0
8000E 5450N	26	2.4
8000E 5400N	28	.6
8000E 5350N	44	11.3
8000E 5300N	30	2.3
8000E 5250N	23	.6
8000E 5200N	22	.8
8000E 5150N	25	1.7
8000E 5100N	25	1.9
8000E 5050N	33	.5
8000E 5000N	26	3.7
8000E 4950N	18	1.6
8000E 4900N	34	.3
8000E 4850N	29	1.4
8000E 4800N	22	1.1
8000E 4750N	22	.2
8000E 4700N	24	1.7
8000E 4650N	27	3.0
8000E 4600N	36	1.7
8000E 4550N	35	9.4
8000E 4500N	30	4.5
8000E 4450N	23	.9
8000E 4400N	20	.2
8000E 4350N	28	1.3
8000E 4250N	31	.8
8000E 4200N	45	1.4
8000E 4150N	26	1.1
8000E 4100N	30	1.3
8000E 4050N	52	1.7
STANDARD C/AU-S	58	46.0

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
8000E 4000N	36	3.0
8000E 3850N	63	3.0
8000E 3800N	36	2.2
8000E 3750N	27	2.8
8000E 3700N	64	2.2
8000E 3650N	43	1.6
8000E 3600N	56	3.1
8000E 3550N	57	2.3
8000E 3500N	34	1.2
8000E 3450N	33	83.0
8000E 3400N	69	2.9
8000E 3350N	59	2.2
RE 8000E 3100N	45	5.6
8000E 3300N	49	1.5
8000E 3250N	61	1.2
8000E 3200N	33	4.7
8000E 3150N	69	3.5
8000E 3100N	50	6.6
8000E 3050N	44	8.3
8000E 3000N	47	3.6
8000E 2950N	59	6.8
8000E 2900N	42	2.1
8000E 2850N	37	2.8
8000E 2800N	42	2.3
8000E 2750N	40	1.8
8000E 2700N	39	2.8
8000E 2650N	40	6.2
8000E 2600N	35	4.0
8400E 5000N	35	20.2
8400E 4950N	138	5.4
8400E 4900N	40	3.0
8400E 4850N	40	6.1
8400E 4800N	40	2.7
8400E 4750N	48	2.3
8400E 4700N	53	2.3
8400E 4650N	43	2.2
8400E 4600N	29	2.5
STANDARD C/AU-S	65	46.3

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
8400E 4550N	27	2.5
8400E 4500N	27	3.1
8400E 4450N	16	2.0
8400E 4400N	23	3.3
8400E 4350N	21	.8
8400E 4300N	27	18.7
8400E 4250N	21	1.4
8400E 4200N	27	1.7
8400E 4150N	22	6.2
8400E 4100N	41	1.5
8400E 4000N	43	2.7
8400E 3950N	35	2.1
8400E 3900N	142	1.5
8400E 3850N	34	1.2
RE 8400E 3650N	25	.5
8400E 3800N	18	1.2
8400E 3750N	28	2.0
8400E 3700N	26	.3
8400E 3650N	26	1.9
8400E 3600N	27	.7
8400E 3550N	32	1.7
8400E 3500N	36	.9
8400E 3450N	51	1.3
8400E 3400N	23	3.8
8400E 3350N	49	1.5
8400E 3300N	105	22.2
8400E 3250N	75	1.1
8400E 3200N	47	1.3
8400E 3150N	33	1.5
8400E 3100N	27	5.5
8400E 3050N	29	2.5
8400E 3000N	28	2.6
8400E 2950N	46	1.9
8400E 2900N	26	3.9
8400E 2850N	49	2.7
8400E 2800N	27	2.2
8400E 2700N	31	1.9
STANDARD C/AU-S	58	46.9

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
8400E 2650N	56	5.1
8400E 2600N	45	2.5
9400E 12000N	47	1.5
9400E 11850N	20	4.0
9400E 11800N	36	2.7
9400E 11750N	38	1.3
9400E 11700N	36	3.2
9400E 11650N	34	1.4
9400E 11600N	25	1.1
9400E 11550N	33	1.5
9400E 11500N	23	1.0
9400E 11450N	20	1.2
9400E 11400N	39	3.4
9400E 11350N	19	1.4
9400E 11300N	14	1.4
9400E 11250N	20	1.6
9400E 11200N	29	1.7
9400E 11100N	29	1.5
RE 9400E 10800N	47	1.9
9400E 11050N	32	1.1
9400E 11000N	23	1.7
9400E 10950N	34	1.9
9400E 10900N	54	2.2
9400E 10850N	23	2.7
9400E 10800N	50	3.8
9400E 10750N	66	1.2
9400E 10700N	37	2.0
9400E 10650N	32	1.9
9400E 10600N	48	1.8
9400E 10550N	40	1.7
9400E 10500N	46	2.2
9400E 10450N	33	.7
9600E 12000N	39	2.8
9600E 11950N	33	1.4
9600E 11900N	17	1.3
9600E 11850N	18	.6
9600E 11800N	29	3.0
STANDARD C/AU-S	58	47.0

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
9600E 11750N	35	1.1
9600E 11700N	34	1.5
9600E 11650N	30	.7
9600E 11600N	27	.6
9600E 11550N	29	1.8
9600E 11500N	26	.2
9600E 11450N	22	1.3
9600E 11400N	29	.8
9600E 11350N	47	1.1
9600E 11300N	26	1.1
9600E 11250N	16	.5
9600E 11200N	24	3.4
RE 9600E 10950N	23	3.1
9600E 11150N	17	1.2
9600E 11100N	16	1.9
9600E 11050N	22	.8
9600E 11000N	20	.2
9600E 10950N	21	1.9
9600E 10900N	25	.9
9600E 10850N	38	1.9
9600E 10800N	24	.7
9600E 10750N	32	3.2
9600E 10700N	36	2.6
9600E 10650N	27	4.6
9600E 10600N	26	.7
9600E 10550N	25	.7
9600E 10500N	38	.9
9800E 12000N	33	.2
9800E 11950N	56	.5
9800E 11900N	40	1.3
9800E 11850N	30	.2
9800E 11800N	43	.8
9800E 11750N	103	.8
9800E 11700N	40	.2
9800E 11650N	39	3.4
9800E 11600N	44	1.6
9800E 11550N	25	69.6
STANDARD C/AU-S	58	46.9

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
9800E 11500N	44	3.6
9800E 11450N	43	15.3
9800E 11400N	32	3.9
9800E 11350N	52	2.2
9800E 11300N	26	1.6
9800E 11250N	22	1.9
9800E 11200N	33	2.1
9800E 11150N	41	4.9
RE 9800E 10900N	36	1.3
9800E 11100N	46	.8
9800E 11050N	35	1.8
9800E 11000N	41	1.5
9800E 10950N	57	1.9
9800E 10900N	36	2.4
9800E 10850N	36	3.5
9800E 10800N	31	.9
9800E 10750N	31	1.8
9800E 10700N	32	1.1
9800E 10650N	33	1.3
9800E 10600N	32	1.1
9800E 10550N	40	1.6
10000E 12000N	134	1.6
10000E 11950N	31	1.7
10000E 11900N	32	.6
10000E 11850N	31	.7
10000E 11800N	24	1.6
10000E 11750N	32	1.0
10000E 11700N	24	.9
10000E 11650N	63	.8
10000E 11600N	49	1.0
10000E 11550N	41	.7
10000E 11500N	32	2.7
10000E 11450N	33	.2
10000E 11400N	40	2.8
10000E 11350N	24	2.1
10000E 11300N	56	2.2
10000E 11250N	34	.9
STANDARD C/AU-S	56	48.9

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
10000E 11200N	43	1.9
10000E 11150N	46	2.1
10000E 11100N	39	2.0
10000E 11050N	32	1.9
10000E 11000N	28	1.2
10000E 10950N	28	1.2
10000E 10900N	35	3.0
10000E 10850N	32	1.5
10000E 10800N	37	1.8
10000E 10750N	30	1.0
10000E 10700N	30	2.1
10000E 10650N	31	1.2
10000E 10600N	32	1.7
10000E 10550N	36	1.6
10400E 12000N	60	1.5
10400E 11850N	20	1.6
10400E 11800N	26	.3
10400E 11750N	24	1.2
10400E 11700N	27	1.1
10400E 11650N	21	1.2
10400E 11600N	34	3.8
10400E 11550N	26	1.9
10400E 11500N	29	3.0
10400E 11450N	68	1.3
10400E 11400N	17	.9
10400E 11350N	42	.9
10400E 11300N	39	.9
10400E 11250N	75	.8
10400E 11200N	26	1.4
10400E 11150N	13	4.2
10400E 11100N	21	2.2
10400E 11050N	46	1.4
10400E 11000N	31	1.9
10400E 10950N	32	4.4
RE 10400E 11100N	22	2.5
10400E 10900N	28	1.2
10400E 10850N	38	3.8
STANDARD C/AU-S	62	50.4

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
10400E 10800N	18	1.1
10400E 10750N	37	2.5
10400E 10700N	36	.7
10400E 10650N	59	1.0
10400E 10600N	66	2.1
10400E 10550N	29	5.7
10400E 10500N	28	2.0
10400E 10450N	33	1.8
10900E 12000N	28	1.4
10900E 11850N	32	.8
10900E 11800N	32	1.2
10900E 11750N	26	.2
10900E 11700N	38	.8
10900E 11650N	43	8.2
10900E 11600N	28	.9
10900E 11550N	27	3.2
10900E 11500N	28	.2
10900E 11450N	46	.8
10900E 11400N	30	2.9
RE 10900E 11600N	23	1.4
10900E 11300N	27	1.5
10900E 11200N	35	2.5
10900E 11150N	31	1.4
10900E 11100N	32	3.7
10900E 11050N	30	.8
10900E 11000N	31	1.4
10900E 10950N	26	2.1
10900E 10900N	29	.7
10900E 10850N	27	3.3
10900E 10800N	20	2.3
10900E 10750N	24	2.4
10900E 10700N	25	.7
10900E 10650N	110	1.1
10900E 10600N	39	1.2
10900E 10550N	22	1.5
10900E 10500N	26	.9
10900E 10450N	16	4.2
10900E 10350N	29	1.1
STANDARD C/AU-S	61	46.3

Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
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GEOCHEMICAL ANALYSIS CERTIFICATE

Cordilleran Engineering Ltd. PROJECT VIN FILL-IN #8 FILE # 91-4372 Page 1
1980 - 1055 W. Hastings S, Vancouver BC V6E 2E9 Attn: JOHN CORMIER

SAMPLE#	Cu ppm	Au* ppb
3050E 350N	38	2.5
3050E 300N	26	1.5
3100E 400N	42	1.2
3100E 300N	87	4.0
3150E 400N	23	1.3
3150E 300N	42	2.6
3250E 350N	41	1.1
3250E 300N	15	.2
3300E 400N	20	2.5
3300E 300N	25	1.9
3350E 400N	49	7.8
3350E 300N	27	2.0
4250E 850N	47	.9
4250E 800N	30	.8
4250E 750N	37	2.1
4300E 850N	45	1.0
4300E 800N	41	2.5
4300E 750N	33	1.0
4350E 850N	27	.9
4350E 800N	33	.9
4350E 750N	28	.8
4450E 850N	38	.9
4450E 800N	31	.9
4450E 750N	32	1.4
4500E 850N	40	.5
4500E 800N	31	.3
4500E 750N	35	2.9
4550E 850N	32	11.9
4550E 800N	29	.6
4550E 750N	32	.2
RE 4500E 750N	35	1.5
4700E 8450N	28	4.3
4700E 8400N	19	2.0
4700E 8350N	40	2.2
4700E 8300N	21	.2
4700E 8250N	31	.2
4700E 7900N	32	.9
STANDARD C/AU-S	59	46.0

'P - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
(IS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
' SAMPLE TYPE: SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: SEP 10 1991 DATE REPORT MAILED: Sept 18/91

RECEIVED
SEP 18 1991

SIGNED BY. . . . . D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Cu ppm	Au* ppb
4700E 7850N	23	1.2
4700E 7800N	34	1.8
4700E 7750N	33	15.0
4700E 7700N	46	2.3
4700E 6550N	20	1.0
4700E 6500N	32	1.3
4700E 6450N	58	1.8
4750E 8450N	38	.5
4750E 8400N	23	1.3
4750E 8350N	99	2.0
4750E 8300N	23	.8
4750E 8250N	36	.6
RE 4750E 7700N	39	2.1
4750E 7900N	25	2.0
4750E 7850N	29	.7
4750E 7800N	40	1.5
4750E 7750N	65	1.3
4750E 7700N	40	2.3
4750E 6550N	30	1.7
4750E 6500N	54	2.4
4750E 6450N	32	17.0
4850E 8450N	18	3.1
4850E 8400N	23	1.8
4850E 8350N	21	.2
4850E 8300N	24	1.2
4850E 8250N	30	1.6
4850E 7900N	27	.2
4850E 7850N	24	8.0
4850E 7800N	17	2.4
4850E 7750N	26	2.1
4850E 7700N	25	1.5
4850E 6550N	23	.3
4850E 6500N	30	1.7
4850E 6450N	25	2.1
4900E 8450N	17	2.8
4900E 8400N	21	.9
4900E 8350N	24	1.8
STANDARD C/AU-S	61	48.9

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
4900E 8300N	15	5.0
4900E 8250N	26	3.2
4900E 7900N	21	4.1
4900E 7850N	17	2.6
4900E 7800N	22	4.1
4900E 7750N	20	1.0
4900E 7700N	20	4.2
4900E 7450N	37	2.7
4900E 7400N	22	3.4
4900E 7350N	30	.9
4900E 7300N	25	3.4
4900E 7250N	21	2.8
4900E 7200N	22	5.0
4900E 7150N	25	1.2
4900E 7100N	32	.7
4900E 7050N	43	3.2
4900E 7000N	34	1.3
4900E 6950N	28	.8
RE 4900E 7150N	24	1.4
4900E 6900N	46	2.6
4900E 6850N	57	5.6
4900E 6800N	27	.5
4900E 6750N	23	1.3
4900E 6700N	24	2.8
4900E 6650N	22	1.1
4900E 6600N	17	3.2
4900E 6550N	22	73.1
4900E 6500N	21	7.2
4900E 6450N	23	8.1
4950E 7050N	27	1.6
4950E 7000N	25	2.5
4950E 6950N	49	3.1
4950E 6900N	32	2.8
4950E 6600N	23	30.4
4950E 6550N	16	3.8
4950E 6500N	19	1.7
5050E 7050N	20	4.6
STANDARD C/AU-S	59	48.9

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
5050E 7000N	33	2.5
5050E 6950N	25	2.0
5050E 6900N	32	1.1
5050E 6600N	26	2.6
5050E 6550N	37	1.0
5050E 6500N	23	.8
5100E 7450N	27	1.9
5100E 7400N	65	1.0
5100E 7350N	27	3.2
5100E 7300N	28	2.2
5100E 7250N	29	2.1
5100E 7200N	23	1.4
5100E 7150N	32	.8
5100E 7100N	32	2.3
5100E 7050N	16	3.8
5100E 7000N	30	3.7
5100E 6950N	31	2.0
5100E 6900N	20	1.3
5100E 6850N	52	1.5
5100E 6800N	37	2.7
5100E 6750N	22	1.1
RE 5100E 6950N	35	2.1
5100E 6700N	32	1.5
5100E 6650N	30	2.3
5100E 6600N	26	2.0
5100E 6550N	31	2.3
5100E 6500N	33	3.1
5100E 6150N	28	1.4
5100E 6100N	19	2.6
5100E 6050N	22	4.1
5150E 7200N	26	2.5
5150E 7150N	29	2.3
5150E 7100N	34	.8
5150E 7050N	15	5.1
5150E 7000N	12	2.2
5150E 6150N	19	4.4
5150E 6100N	18	2.5
STANDARD C/AU-S	58	45.8

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
5150E 6050N	21	8.4
5235E 7200N	25	4.1
5235E 7150N	47	2.3
5235E 7100N	22	2.1
5235E 7100NA	20	1.5
5235E 7050N	49	1.7
5250E 6150N	22	2.4
5250E 6100N	25	1.4
5250E 6050N	18	2.4
5300E 7400N	23	.2
5300E 7350N	12	.8
5300E 7300N	17	.5
5300E 7250N	14	1.0
5300E 7200N	20	.5
5300E 7150N	33	1.1
5300E 7100N	17	.2
5300E 7050N	162	6.6
5300E 7000N	25	3.3
5300E 6950N	25	1.1
RE 5300E 7150N	29	1.1
5300E 6800N	27	.7
5300E 6750N	81	14.4
5300E 6700N	35	3.3
5300E 6650N	29	.5
5300E 6600N	24	.7
5300E 6550N	28	.2
5300E 6150N	23	.8
5300E 6100N	24	3.1
5300E 6050N	28	1.6
5700E 6800N	16	.2
5700E 6750N	43	4.7
5700E 6700N	74	2.3
5750E 6800N	25	1.9
5750E 6750N	23	200.0
5750E 6700N	61	10.5
5850E 6800N	19	3.4
5850E 6750N	24	6.1
STANDARD C/AU-S	60	45.5

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
5850E 6700N	26	8.0
5850E 1250N	55	9.7
5850E 1200N	93	5.5
5850E 1150N	29	3.0
5900E 7350N	17	1.2
5900E 7300N	62	2.0
5900E 7250N	103	1.1
5900E 7050N	21	.7
5900E 7000N	83	36.8
5900E 6950N	32	5.9
RE 5900E 1200N	30	8.5
5900E 6800N	17	2.2
5900E 6750N	14	1.5
5900E 6700N	23	2.3
5900E 1250N	26	1.3
5900E 1200N	30	6.8
5900E 1150N	37	8.2
5950E 7350N	21	.8
5950E 7300N	17	1.5
5950E 7250N	21	13.7
5950E 7050N	25	1.8
5950E 7000N	259	2.8
5950E 6950N	31	2.0
5950E 1250N	45	2.5
5950E 1200N	33	3.8
5950E 1150N	32	4.4
6050E 7350N	17	1.0
6050E 7300N	39	1.7
6050E 7250N	17	1.2
6050E 7050N	31	3.6
6050E 7000N	21	.5
6050E 6950N	15	.2
6050E 1250N	32	1.2
6050E 1200N	36	1.3
6050E 1150N	32	1.1
6100E 7550N	23	.6
6100E 7500N	23	.9
STANDARD C/AU-S	56	52.2

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
6100E 7450N	16	3.0
6100E 7350N	14	2.4
6100E 7300N	15	1.7
6100E 7250N	46	1.3
6100E 7050N	23	3.0
6100E 7000N	19	.2
6100E 6950N	20	1.3
6100E 1250N	33	.2
6100E 1200N	35	1.0
6100E 1150N	22	.6
6150E 7550N	22	.8
6150E 7500N	12	.7
6150E 7450N	8	.6
6150E 1250N	24	1.0
6150E 1200N	26	2.9
6150E 1150N	28	1.2
6250E 2550N	26	10.5
6250E 2500N	37	15.3
6250E 2450N	22	2.6
6300E 2550N	23	2.7
6350E 7600N	21	.8
6350E 7550N	27	.8
6350E 7500N	21	.6
6350E 7450N	19	1.4
6450E 7600N	18	.4
6450E 7550N	18	.6
6450E 7500N	44	1.1
6450E 2450N	99	2.4
6500E 7600N	27	1.1
6500E 7550N	38	1.0
6500E 7500N	17	.7
6500E 2550N	26	.8
6500E 2500N	33	37.3
RE 6500E 7600N	23	3.3
6500E 2450N	36	5.7
6550E 2550N	37	8.2
6550E 2500N	43	5.5
STANDARD C/AU-S	58	47.2

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
6550E 2450N	70	6.6
6650E 2500N	20	5.1
6650E 2450N	17	6.4
6650E 2400N	67	4.2
6650E 1000N	28	3.4
6650E 950N	24	2.4
6650E 900N	23	4.4
6700E 8250N	15	2.0
6700E 8200N	16	1.2
6700E 8150N	14	1.7
6700E 2500N	98	5.0
6700E 2450N	86	3.7
6700E 2400N	56	3.5
6700E 1000N	31	2.6
6700E 950N	28	1.9
6700E 900N	27	2.2
6750E 8250N	42	1.4
6750E 8200N	25	1.7
6750E 8150N	23	8.2
6750E 2500N	44	23.8
6750E 2450N	38	5.7
6750E 2400N	25	3.9
6750E 1000N	66	2.8
6750E 950N	24	1.8
6750E 900N	29	2.0
6850E 2500N	42	2.0
6850E 2450N	38	5.9
6850E 2400N	32	5.9
6850E 1000N	29	11.3
6850E 950N	66	4.5
6850E 900N	44	2.2
6900E 2500N	40	3.8
6900E 2450N	37	3.0
6900E 2400N	37	2.5
RE 6850E 950N	61	5.2
6900E 1000N	28	3.8
6900E 950N	31	.2
STANDARD C/AU-S	62	51.4

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
6900E 900N	33	8.6
6950E 2500N	24	52.2
6950E 2450N	44	4.4
6950E 2400N	46	19.8
6950E 1000N	29	3.0
6950E 950N	29	5.7
6950E 900N	28	2.8
7050E 2400N	29	3.0
7050E 2350N	42	7.0
RE 7150E 2400N	31	2.4
7050E 2300N	29	1.6
7100E 2400N	41	12.5
7100E 2350N	36	2.2
7100E 2300N	34	2.5
7150E 2400N	34	3.2
7150E 2350N	45	9.4
7150E 2300N	25	8.8
7250E 2400N	54	3.2
7250E 2350N	38	1.6
7250E 2300N	82	3.0
7300E 2400N	29	5.7
7300E 2350N	47	3.3
7300E 2300N	64	13.3
7350E 2400N	43	1.8
7350E 2350N	28	1.3
7350E 2300N	33	2.0
7400E 2500N	39	7.5
7400E 2450N	121	5.5
7400E 2400N	50	10.4
7400E 2350N	36	2.3
7400E 2300N	41	14.1
7400E 2250N	46	2.0
7400E 2200N	46	1.5
7400E 2100N	39	1.3
7400E 2050N	203	1.8
7400E 2000N	35	8.8
7400E 1950N	127	2.4
STANDARD C/AU-S	59	50.6

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
7400E 1900N	127	2.3
7400E 1850N	70	1.5
7400E 1800N	25	.7
7700E 7750N	36	.9
7700E 7700N	35	6.2
7700E 7650N	10	1.3
7700E 6500N	25	.2
7700E 6450N	31	1.6
7700E 6400N	32	.9
7750E 6500N	38	2.7
7750E 6450N	25	.5
7750E 6400N	33	3.8
7800E 2500N	37	.8
7800E 2450N	56	1.1
7800E 2400N	29	3.2
7800E 2350N	36	1.8
7800E 2300N	27	.2
7800E 2250N	41	1.2
7800E 2200N	73	2.4
7800E 2150N	29	5.6
7800E 2100N	44	6.4
7800E 2050N	71	2.9
7800E 2000N	36	1.2
7800E 1950N	27	.9
7800E 1900N	89	1.6
7800E 1850N	40	8.2
7800E 1800N	53	1.9
7840E 7750N	24	3.0
7840E 7700N	23	1.6
7840E 7650N	33	4.2
7850E 6500N	31	1.7
7850E 6450N	33	2.6
7850E 6400N	16	3.0
7880E 7750N	29	1.8
RE 7800E 1800N	48	3.1
7880E 7700N	44	.2
7880E 7650N	39	1.3
STANDARD C/AU-S	57	53.9

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
7900E 7200N	20	4.3
7900E 7150N	22	.8
7900E 7100N	14	1.0
7900E 6600N	29	1.1
7900E 6550N	75	.7
7900E 6500N	27	.4
7900E 6450N	59	1.2
7900E 6400N	24	1.8
7950E 7200N	27	1.0
RE 7950E 6500N	35	.4
7950E 7150N	46	3.4
7950E 7100N	21	.8
7950E 6600N	28	.9
7950E 6550N	28	1.7
7950E 6500N	34	1.5
8050E 7200N	22	1.5
8050E 7150N	24	.8
8050E 7100N	33	1.1
8050E 6600N	139	.7
8050E 6550N	27	1.3
8050E 6500N	24	4.5
8100E 7300N	42	4.5
8100E 7250N	30	13.2
8100E 7225N	27	3.1
8100E 7200N	26	2.7
8100E 7150N	21	1.2
8100E 7100N	25	2.5
8100E 6600N	28	2.7
8100E 6550N	20	2.5
8100E 6500N	94	4.7
8150E 7300N	23	6.1
8150E 7250N	26	2.2
8150E 7200N	25	2.2
8250E 7300N	24	4.8
8250E 7250N	24	12.3
8250E 7200N	38	2.4
STANDARD C/AU-S	56	48.4

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
8300E 7300N	30	.7
8300E 7250N	20	.6
8300E 7200N	28	1.0
RE 8300E 7250N	18	1.0

Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Cordilleran Engineering Ltd. PROJECT VIN FILL IN #9 FILE # 91-4459 Page 1
1980 - 1055 W. Hastings S, Vancouver BC V6E 2E9 Attn: E.A. BALON & J. CORMIE

SAMPLE#	Cu ppm	Au* ppb
600E 2100N	191	3.8
600E 2050N	52	1.5
600E 2000N	25	1.4
600E 1950N	35	1.1
600E 1900N	79	2.2
600E 1850N	14	1.0
600E 1800N	11	1.1
600E 1750N	26	1.4
600E 1700N	28	1.1
600E 1650N	30	2.2
600E 1600N	236	2.1
600E 1550N	90	2.0
600E 1500N	46	1.3
600E 1450N	21	.9
600E 1400N	24	1.1
600E 1350N	37	1.2
RE 600E 1100N	43	2.0
600E 1300N	20	.8
600E 1250N	15	.6
600E 1200N	18	1.1
600E 1150N	16	4.6
600E 1100N	40	3.6
600E 1050N	16	.9
600E 1000N	57	1.2
1400E 1600N	12	.7
1400E 1550N	155	1.7
1400E 1500N	24	1.1
1400E 1450N	21	.8
1400E 1400N	151	1.4
1400E 1350N	54	1.2
1400E 1300N	135	.7
1400E 1250N	73	8.4
1400E 1200N	163	.8
1400E 1150N	23	.6
1400E 1100N	11	.3
1400E 1050N	49	.4
1400E 1000N	143	2.8
STANDARD C/AU-S	58	46.2

- .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
AS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: P1-P5 SOIL P6 STREAM SED. P7 ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.
Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: SEP 13 1991 DATE REPORT MAILED: Sept 19/91 RECEIVED
SEP 20 1991

SIGNED BY. C. Leong ..D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Cu ppm	Au* ppb
1400E 950N	115	8.7
1400E 900N	14	1.9
1400E 850N	126	5.1
1400E 800N	35	.5
1800E 1600N	24	.7
1800E 1550N	19	.7
1800E 1500N	174	4.0
1800E 1450N	29	.6
1800E 1400N	10	5.8
1800E 1350N	17	1.0
1800E 1300N	23	3.0
1800E 1250N	13	1.1
1800E 1200N	11	.7
1800E 1150N	20	.6
1800E 1100N	45	.7
1800E 1050N	40	1.1
1800E 1000N	70	4.4
1800E 950N	13	.6
1800E 900N	10	.3
1800E 850N	11	.4
1800E 800N	19	.5
4400E 8600N	33	.3
4400E 8550N	81	2.5
4400E 8500N	34	2.5
RE 1800E 850N	11	.5
4400E 8450N	20	1.2
4400E 8400N	24	7.7
4400E 8350N	33	.5
4400E 8300N	36	1.4
4400E 8250N	26	1.9
4400E 8200N	27	.6
4400E 8150N	32	1.7
4400E 8100N	36	2.6
4400E 8050N	33	1.8
4400E 7950N	21	1.0
4400E 7900N	15	.4
4400E 7850N	14	1.1
STANDARD C/AU-S	58	48.4

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
4400E 7800N	18	3.9
4400E 7750N	60	2.3
4400E 7600N	30	1.5
4400E 7550N	27	1.9
4400E 7500N	26	2.0
4400E 7450N	25	1.6
4400E 7400N	23	.2
4400E 7350N	29	.4
4400E 7300N	29	1.6
4400E 7250N	24	.2
4400E 7200N	24	1.3
4400E 7150N	26	1.8
4400E 7100N	25	.6
4400E 7050N	25	5.6
4400E 7000N	22	.2
4400E 6950N	22	.8
4400E 6900N	18	.5
4400E 6850N	21	.8
4400E 6800N	14	1.3
4400E 6750N	20	3.2
4400E 6700N	21	1.7
4400E 6650N	21	1.0
4400E 6600N	24	2.7
4400E 6550N	37	.4
RE 4400E 6750N	19	1.5
4400E 6500N	35	.9
4400E 6450N	22	.2
4400E 6400N	20	1.0
4400E 6350N	28	.6
4400E 6300N	33	.5
4400E 6250N	18	.2
4400E 6200N	21	.3
4600E 8600N	35	.4
4600E 8550N	33	.4
4600E 8500N	17	2.8
4600E 8450N	19	7.6
4600E 8400N	17	1.2
STANDARD C/AU-S	61	47.5

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
4600E 8350N	16	1.4
4600E 8300N	17	1.3
4600E 8250N	13	.4
4600E 8200N	17	.4
4600E 8150N	19	.7
4600E 8100N	17	1.7
4600E 8050N	15	2.2
4600E 8000N	19	1.4
4600E 7950N	21	.9
4600E 7900N	24	1.5
4600E 7850N	24	1.0
4600E 7800N	24	1.5
4600E 7750N	15	25.1
4600E 7700N	22	2.5
4600E 7650N	24	.2
4600E 7600N	19	3.1
4600E 7550N	17	2.8
4600E 7500N	18	.2
4600E 7450N	16	.2
4600E 7400N	18	1.0
4600E 7350N	30	.5
4600E 7300N	22	3.7
4600E 7250N	21	1.4
4600E 7200N	15	1.4
4600E 7150N	17	.9
4600E 7100N	18	1.8
4600E 7050N	21	.2
4600E 7000N	22	1.6
4600E 6950N	32	1.7
4600E 6900N	25	18.2
4600E 6850N	15	2.0
4600E 6800N	18	1.4
4600E 6750N	16	.7
4600E 6700N	22	.9
RE 4600E 6900N	26	12.1
4600E 6650N	25	3.2
4600E 6600N	28	.5
STANDARD C/AU-S	61	46.5

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
4600E 6550N	27	1.4
4600E 6500N	51	8.8
4600E 6400N	26	7.5
4600E 6350N	25	1.1
4600E 6300N	24	15.6
4600E 6250N	24	5.4
4600E 6200N	24	1.7
5700E 7350N	24	1.1
RE 4600E 6300N	22	1.3
5700E 7300N	20	53.7
5700E 7250N	16	4.0
5750E 7350N	19	2.9
5750E 7300N	23	1.1
5750E 7250N	22	1.0
5850E 7350N	17	1.2
5850E 7300N	20	.5
5850E 7250N	17	.9
STANDARD C/AU-S	60	47.2

Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Cordilleran Engineering Ltd. PROJECT VIN FILL IN #10 FILE # 91-4631 Page 1
1980 - 1055 W. Hastings S, Vancouver BC V6E 2E9 Attn: MARK STEINER

SAMPLE#	Cu ppm	Au* ppb
6250E 5600N	11	7.7
6250E 5550N	28	4.5
6250E 5500N	55	3.3
6300E 5600N	22	1.7
6300E 5550N	25	2.5
6300E 5500N	43	1.9
6350E 5600N	25	.6
6350E 5550N	29	1.3
6350E 5500N	33	1.7
6450E 5600N	18	2.1
6450E 5550N	26	.8
6450E 5500N	23	.2
6500E 5600N	20	6.1
6500E 5550N	24	38.6
6500E 5500N	12	8.0
6550E 5600N	26	9.2
6550E 5550N	17	3.6
6550E 5500N	44	1.0
7000E 11800N	12	1.2
7000E 11750N	21	.3
7000E 11700N	16	.2
7000E 11450N	23	1.8
7000E 11400N	34	1.1
7000E 11350N	16	.9
7050E 11800N	24	2.3
7050E 11750N	20	1.2
7050E 11700N	18	.5
7050E 11450N	14	5.5
7050E 11400N	14	.4
RE 7050E 11800N	20	3.6
7050E 11350N	13	.7
7150E 11800N	10	1.1
7150E 11750N	17	1.1
7150E 11700N	20	.8
7150E 11600N	12	1.2
7150E 11550N	30	1.0
7150E 11500N	18	.2
STANDARD C/AU-S	59	51.6

'P - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
/S LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
SAMPLE TYPE: SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: SEP 20 1991 DATE REPORT MAILED: Sept 25, 1991

SIGNED BY.. D. Toye .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Cu ppm	Au* ppb
7150E 11450N	10	4.2
7150E 11400N	17	1.3
7150E 11350N	27	1.3
7250E 11600N	14	23.6
7250E 11550N	18	4.6
7250E 11500N	14	1.1
7300E 11850N	17	1.3
7300E 11800N	13	1.3
7300E 11750N	16	.7
7300E 11600N	15	.7
7300E 11550N	21	.5
7300E 11500N	23	.9
7350E 11850N	12	.5
7350E 11800N	19	19.5
7350E 11750N	8	.7
7450E 11850N	20	1.1
7450E 11800N	18	.6
7450E 11750N	15	.7
7500E 11850N	16	.6
7500E 11800N	24	.9
7500E 11750N	18	1.1
7500E 9950N	17	1.6
7500E 9900N	19	.9
7500E 9850N	24	5.0
RE 7700E 9850N	14	2.2
7550E 9950N	25	5.0
7550E 9900N	14	.9
7550E 9850N	18	1.1
7650E 9950N	12	.9
7650E 9900N	25	6.1
7650E 9850N	23	1.7
7700E 9950N	24	.7
7700E 9900N	21	4.8
7700E 9850N	17	2.4
8100E 11100N	27	1.5
8100E 11050N	26	1.0
8100E 11000N	29	1.0
STANDARD C/AU-S	60	46.7

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
8150E 11100N	18	2.4
8150E 11050N	17	3.1
8150E 11000N	26	2.4
8250E 11100N	27	1.2
8250E 11050N	22	2.0
8250E 11000N	29	1.3
8350E 11000N	24	.6
8350E 10950N	36	1.4
8350E 10900N	40	9.5
8350E 10850N	18	2.7
8450E 11000N	34	1.7
8450E 10950N	34	3.4
8450E 10900N	30	1.7
8450E 10850N	25	1.7
8500E 11000N	55	1.2
8500E 10950N	76	5.5
8500E 10900N	76	2.5
8550E 11000N	35	2.5
RE 8500E 10950N	74	1.2
8550E 10950N	27	.9
8550E 10900N	36	2.1
8650E 11000N	35	1.3
8650E 10950N	31	.7
8650E 10900N	38	1.7
8700E 11000N	38	1.4
8700E 10950N	39	1.1
8700E 10900N	41	38.7
8950E 7800N	37	6.4
8950E 7750N	37	2.4
8950E 6900N	42	.9
8950E 6850N	41	6.3
8950E 6800N	53	3.5
9400E 7650N	34	1.1
9400E 7600N	25	1.5
9400E 7550N	30	1.3
9400E 7500N	39	7.7
9400E 7450N	30	2.2
STANDARD C/AU-S	60	45.9

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
9400E 7400N	30	3.5
9400E 7350N	21	1.8
9400E 7300N	34	2.4
9400E 7250N	43	1.7
9400E 7200N	26	1.6
9400E 7150N	26	1.9
9400E 7100N	37	1.5
RE 9700E 8500N	24	1.2
9400E 7050N	40	.5
9700E 9650N	34	1.9
9700E 9600N	39	2.1
9700E 9550N	44	3.0
9700E 9500N	40	1.5
9700E 9450N	51	1.0
9700E 9400N	57	.9
9700E 9350N	86	2.7
9700E 9300N	78	2.5
9700E 9250N	141	2.8
9700E 9150N	24	1.3
9700E 9100N	29	1.9
9700E 9050N	27	1.0
9700E 9000N	37	1.9
9700E 8950N	33	1.6
9700E 8900N	31	.4
9700E 8850N	37	1.6
9700E 8800N	42	4.8
9700E 8750N	30	1.0
9700E 8700N	72	2.1
9700E 8650N	53	1.3
9700E 8600N	33	1.8
9700E 8550N	25	1.5
9700E 8500N	24	2.2
9700E 8450N	37	1.6
9700E 8400N	23	1.2
9700E 8350N	21	3.5
9800E 7800N	35	1.5
9800E 7750N	83	1.7
STANDARD C/AU-S	61	47.0

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
9800E 7700N	34	8.4
9800E 7650N	32	2.6
9800E 7600N	32	1.7
9800E 7550N	41	1.4
9800E 7500N	40	2.4
9800E 7450N	16	1.9
9800E 7400N	89	.8
9800E 7350N	34	.4
9800E 7300N	37	2.0
9800E 7250N	27	.4
9800E 7200N	28	1.1
9800E 7150N	31	22.8
9800E 7100N	35	1.4
9800E 7050N	32	.8
9800E 7000N	35	2.3
9800E 6950N	56	.6
9800E 6900N	36	1.4
9800E 6850N	37	1.1
9800E 6800N	41	1.8
9900E 9650N	28	1.1
9900E 9600N	33	1.5
9900E 9550N	23	1.1
9900E 9500N	32	2.0
9900E 9450N	26	1.5
9900E 9400N	39	.4
9900E 9350N	30	.9
9900E 9300N	34	1.7
9900E 9150N	38	1.5
9900E 9100N	26	.3
9900E 9050N	23	.5
RE 9800E 7200N	29	1.3
9900E 9000N	26	6.9
9900E 8950N	25	1.3
9900E 8900N	37	2.1
9900E 8850N	40	1.8
9900E 8800N	29	2.7
9900E 8750N	46	1.9
STANDARD C/AU-S	58	48.7

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
9900E 8700N	79	1.2
9900E 8650N	56	3.0
9900E 8600N	70	2.4
9900E 8550N	49	1.0
9900E 8500N	39	3.4
9900E 8450N	42	.8
9900E 8400N	37	2.0
9900E 8350N	24	1.2
9900E 7800N	32	1.0
9900E 7750N	29	.8
9900E 7700N	32	1.2
9900E 6900N	36	1.4
9900E 6850N	35	7.0
9900E 6800N	32	1.3
9950E 7800N	51	4.9
9950E 7750N	47	4.1
9950E 7700N	57	2.4
9950E 6900N	34	.5
9950E 6850N	54	3.1
RE 9950E 7800N	57	2.3
9950E 6800N	29	1.1
10050E 7800N	35	.3
10050E 7750N	106	.6
10050E 7700N	23	1.1
10050E 6900N	49	.3
10050E 6850N	53	.9
10050E 6800N	36	1.0
10100E 7800N	35	2.6
10100E 7750N	31	1.6
10100E 7700N	39	2.3
10100E 6900N	53	.5
10100E 6850N	65	.7
10100E 6800N	57	2.4
10150E 7800N	32	1.1
10150E 7750N	45	.9
10150E 7700N	35	4.3
10150E 6900N	57	.6
STANDARD C/AU-S	61	46.9

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
10150E 6850N	50	1.9
10150E 6800N	49	1.1
10250E 6550N	74	5.8
10250E 6500N	47	2.3
10250E 6450N	49	2.1
10300E 6550N	44	4.0
RE 10350E 6450N	28	2.7
10300E 6500N	22	1.9
10300E 6450N	55	10.9
10350E 6550N	43	3.3
10350E 6500N	32	1.6
10350E 6450N	23	3.1
10450E 6550N	27	.3
10450E 6500N	32	1.5
10450E 6450N	38	2.6
10500E 6550N	25	14.3
10500E 6500N	31	2.0
10500E 6450N	37	.6
10550E 6550N	30	2.1
10550E 6500N	34	5.8
10550E 6450N	41	1.6
STANDARD C/AU-S	58	52.8

Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
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Cordilleran Engineering Ltd. PROJECT VIN #11 FILE # 91-4784 Page 1
1980 - 1055 W. Hastings S, Vancouver BC V6E 2E9

SAMPLE#	Cu ppm	Au* ppb
5100E 4750N	19	3.5
5100E 4700N	14	2.1
5100E 4650N	20	1.3
5150E 4750N	29	1.4
5150E 4700N	34	1.1
5150E 4650N	42	1.1
5250E 4750N	19	1.3
5250E 4700N	33	1.3
5250E 4650N	23	.8
5300E 4750N	19	.4
RE 5900E 2500N	13	1.1
5300E 4700N	22	1.5
5300E 4650N	17	.6
5900E 2600N	29	.3
5900E 2550N	24	1.0
5900E 2500N	15	.8
5950E 2600N	24	.6
5950E 2550N	26	19.6
5950E 2500N	19	.7
6050E 2600N	26	3.3
6050E 2550N	23	1.7
6050E 2500N	18	.6
6100E 2600N	24	.2
6100E 2550N	23	3.2
6100E 2500N	26	1.8
6300E 5000N	28	1.3
6300E 4950N	23	12.0
6300E 4900N	38	.6
6350E 5000N	11	4.9
6350E 4950N	34	1.7
6350E 4900N	17	.3
6450E 5000N	41	.6
6450E 4950N	24	.9
6450E 4900N	24	.7
6500E 5000N	30	.4
6500E 4950N	41	.9
6500E 4900N	24	1.5
STANDARD C/AU-S	61	53.7

'CP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
S LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
AMPLE TYPE: SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

RECEIVED
OCT - 3 1991

DATE RECEIVED: SEP 27 1991 DATE REPORT MAILED: Oct 2/91

SIGNED BY. . . . . D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Cu ppm	Au* ppb
6700E 4100N	29	2.0
6700E 4050N	18	.6
6700E 4000N	33	1.4
6700E 3350N	32	1.4
6700E 3300N	29	5.4
6700E 3250N	36	4.8
6700E 3200N	32	1.6
6700E 2600N	116	2.5
RE 6750E 3350N	27	18.7
6700E 2550N	167	4.5
6750E 4100N	22	4.8
6750E 4050N	24	.5
6750E 4000N	29	1.2
6750E 3350N	26	14.5
6750E 3300N	37	7.3
6750E 3250N	29	27.7
6750E 3225N	26	9.3
6750E 2600N	138	3.5
6750E 2550N	32	1.8
6850E 4100N	20	.3
6850E 4050N	29	1.5
6850E 4000N	32	7.5
6850E 3350N	23	.4
6850E 3300N	26	.6
6865E 2600N	25	.6
6865E 2550N	24	.4
6900E 4100N	34	.9
6900E 4050N	28	2.2
6900E 4000N	31	1.0
6900E 2600N	31	.3
6900E 2550N	92	2.3
7100E 8450N	15	1.7
7100E 8400N	110	.7
7100E 8350N	19	.6
7100E 8300N	153	12.2
7100E 8250N	48	1.4
7100E 8200N	18	.7
STANDARD C/AU-S	59	49.4

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
7100E 8150N	24	.3
7100E 8100N	61	1.6
7100E 8050N	19	1.0
7100E 4450N	39	1.0
7100E 4400N	22	.2
7100E 4350N	29	.5
7150E 4450N	30	.8
7150E 4400N	37	1.1
7150E 4350N	26	1.1
7150E 3400N	28	3.8
7150E 3350N	22	2.1
7250E 4450N	41	3.0
7250E 4400N	67	2.2
7250E 4350N	21	3.9
7250E 3400N	35	.6
RE 7300E 3350N	35	1.5
7250E 3350N	25	3.5
7250E 3300N	28	9.2
7300E 3400N	33	1.9
7300E 3350N	32	1.7
7300E 3300N	28	1.8
7310E 8450N	67	.7
7310E 8400N	28	.2
7310E 8350N	19	.2
7310E 8300N	49	.3
7310E 8250N	228	1.2
7310E 8200N	44	1.2
7310E 8150N	154	.2
7310E 8100N	24	.2
7310E 8050N	30	11.9
7500E 8400N	37	13.1
7500E 8350N	66	1.0
7500E 8300N	29	1.0
7500E 8250N	27	1.2
7500E 8200N	28	.8
7500E 8150N	20	.7
7500E 8100N	17	2.5
STANDARD C/AU-S	58	51.9

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
7500E 8050N	22	7.5
7500E 5900N	27	6.0
7500E 5850N	21	4.4
7500E 5800N	31	4.4
7500E 5400N	28	6.9
7500E 5350N	21	3.4
7500E 5300N	22	2.2
7500E 4250N	39	3.6
7500E 4200N	62	7.4
7500E 4150N	40	3.9
7550E 5900N	39	1.9
7550E 5850N	26	1.9
7550E 5800N	23	2.0
7550E 5400N	186	3.3
7550E 5350N	27	1.9
7550E 5300N	23	1.3
7550E 4250N	32	2.8
7550E 4200N	49	4.9
7550E 4150N	29	16.8
7650E 5900N	30	2.4
7650E 5850N	28	1.9
7650E 5800N	24	1.6
7650E 5400N	32	3.6
7650E 5350N	120	6.3
7650E 5300N	24	2.5
7650E 4250N	46	2.7
7650E 4200N	29	2.3
7650E 4150N	44	5.0
7700E 5900N	25	3.6
7700E 5850N	25	1.6
7700E 5800N	28	1.0
RE 7650E 4150N	41	3.8
7700E 5400N	82	2.3
7700E 5350N	20	1.6
7700E 5300N	19	1.0
7700E 4250N	39	2.0
7700E 4200N	37	1.5
STANDARD C/AU-S	62	48.2

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Cu ppm	Au* ppb
8350E 3250N	70	1.6
8450E 5050N	30	3.3
8450E 5000N	42	4.9
8450E 4950N	40	1.5
8450E 3350N	45	2.2
8450E 3300N	76	20.0
8450E 3250N	41	1.6
RE 8450E 5000N	44	1.7
8500E 5050N	34	16.1
8500E 5000N	34	.5
8500E 4950N	39	1.7
8500E 3350N	35	2.9
8500E 3300N	30	1.0
8500E 3250N	34	.6
STANDARD C/AU-S	58	47.2

Samples beginning 'RE' are duplicate samples.

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GEOCHEMICAL ANALYSIS CERTIFICATE

Cordilleran Engineering Ltd. PROJECT VIN #12 FILE # 91-5128 Page 1
1980 - 1055 W. Hastings S, Vancouver BC V6E 2E9

SAMPLE#	Cu ppm	Au* ppb
4700E 4750N	18	1.4
4700E 4700N	31	.2
4700E 4650N	30	1.0
4750E 4750N	27	1.8
4750E 4700N	94	1.6
4750E 4650N	26	5.2
4850E 4750N	28	2.7
4850E 4700N	25	1.7
4850E 4650N	25	7.0
4900E 4750N	23	1.0
4900E 4700N	24	.5
4900E 4650N	24	1.3
6300E 5800N	19	.2
6300E 5750N	22	.6
6300E 5700N	18	1.3
6300E 5650N	19	.3
6350E 5800N	17	.3
6350E 5750N	21	.5
6350E 5700N	25	.5
6350E 5650N	16	1.8
RE 6300E 5650N	18	.9
6450E 5800N	15	.5
6450E 5750N	20	1.0
6450E 5700N	16	.5
6450E 5650N	19	.3
6500E 5800N	25	.4
6500E 5750N	47	.8
6500E 5700N	21	.2
6500E 5650N	21	.4
6900E 3400N	30	1.2
6900E 3350N	25	2.1
6900E 3300N	25	.6
6950E 2600N	41	4.8
6950E 2550N	25	5.8
7000E 3500N	42	1.1
7000E 3450N	27	1.9
7000E 3400N	21	.7
STANDARD G-1	-	.3
STANDARD C/AU-S	60	47.4

CP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

RECEIVED
OCT 29 1991

DATE RECEIVED: OCT 17 1991 DATE REPORT MAILED: Oct 29/91

SIGNED BY. C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Cu ppm	Au* ppb
7000E 2600N	23	16.0
7000E 2550N	22	1.0
7000E 2500N	21	3.3
7000E 2450N	27	1.6
7000E 2400N	40	.2
RE 7100E 3500N	28	1.6
7050E 2600N	71	3.3
7050E 2550N	54	4.3
7050E 2500N	23	3.8
7050E 2450N	24	2.3
7100E 3500N	29	1.3
7100E 3450N	26	.7
7100E 3425N	32	1.3
8350E 11150N	25	2.1
8350E 11100N	74	.3
8350E 11050N	24	1.0
8450E 11150N	30	1.4
8450E 11100N	30	.7
8450E 11050N	24	1.2
8500E 11150N	18	1.3
8500E 11100N	27	.8
8500E 11050N	26	1.3
STANDARD G-1	-	.7
STANDARD C/AU-S	60	49.6

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

LOON LAKE RD. EXIT

HIGHWAY 97C

MERRITT 42Km

KELOWNA 75Km

7100E

9200E

11200E

12000N

10400N

8400N

6400N

5000N

5900N

4500E

7200E

SHRIMPTON CREEK

SMASH CREEK

VIN 9

VIN 8

VIN 18

VIN 19

VIN 15

VIN 17

VIN 10

VIN 11

VIN 12

VIN 13

VIN 14

VIN 15

VIN 7

VIN 5

VIN 6

INTL. ENERGY CORP. (LATE CLAIM)

BUCK LAKE

5000

5200

5400

5600

5800

4800

SYMBOLS

- . LESS THAN OR EQUAL TO 10 PPB Au
- ▫ GREATER THAN 10 PPB Au
- □ GREATER THAN 20 PPB Au
- □ GREATER THAN 50 PPB Au
- □ GREATER THAN 100 PPB Au

(VALUES LESS THAN **20** PPB NOT PLOTTED)

VIN 17 — Legal Corner Post (4-post claim), claim name

Initial Post (2-post claim)

8400N — Outer claim boundary, grid line number

(+ or > 58,000 gammas) — Airborne magnetic high

Topographic contour (500 ft. interval)

Divided Highway

Dirt road

Stream

Swamp

0 200 400 600 800 1000 metres

GEOLOGICAL BRANCH
ASSESSMENT REPORT

22,259

FAIRFIELD MINERALS LTD.

VIN PROPERTY NORTH

SIMILKAMEEN/NICOLA MINING DIVISIONS, BRITISH COLUMBIA
NTS 92H 15W

Au SOIL GEOCHEM / MAG COMPILATION MAP

1:10,000

CORDILLERAN ENGINEERING LTD.
1980 - 1055 W. HASTINGS STREET
VANCOUVER, B.C. V6E 2E9

DRAWN BY: JRC
DATE : JANUARY 1982

PLATE 1

4400E
6400E
8400E
INTL ENERGY CORP.
(LATE CLAIMS)
VIN 12
VIN 13
VIN 14
VIN 15
VIN
BUCK
LAKE
5000N
VIN 5
VIN 6
VIN 3
VIN 4
VANSON
LAKE
VANSON
CREEK
2500N
150E
2000E
VIN 1
VIN 2
MISSEZULA
LAKE
500N
0N

N

SYMBOLS

- . LESS THAN OR EQUAL TO 10 PPB Au
- ◦ GREATER THAN 10 PPB Au
- □ GREATER THAN 20 PPB Au
- □ GREATER THAN 50 PPB Au
- □ GREATER THAN 100 PPB Au

(VALUES LESS THAN 20 PPB NOT PLOTTED)

VIN 5 — Legal Corner Post (4-post claim), claim name

Initial Post (2-post claim)

5000N — Outer claim boundary, grid line number

(+or) 50,000 gamma — Airborne magnetic high

Topographic contour (500 ft. interval)

Dirt road

Stream

Swamp

0 200 400 600 800 1000
metres

FAIRFIELD MINERALS LTD.

VIN PROPERTY SOUTH

SIMILKAMEEN/NICOLA MINING DIVISIONS, BRITISH COLUMBIA
NTS 92H 16W

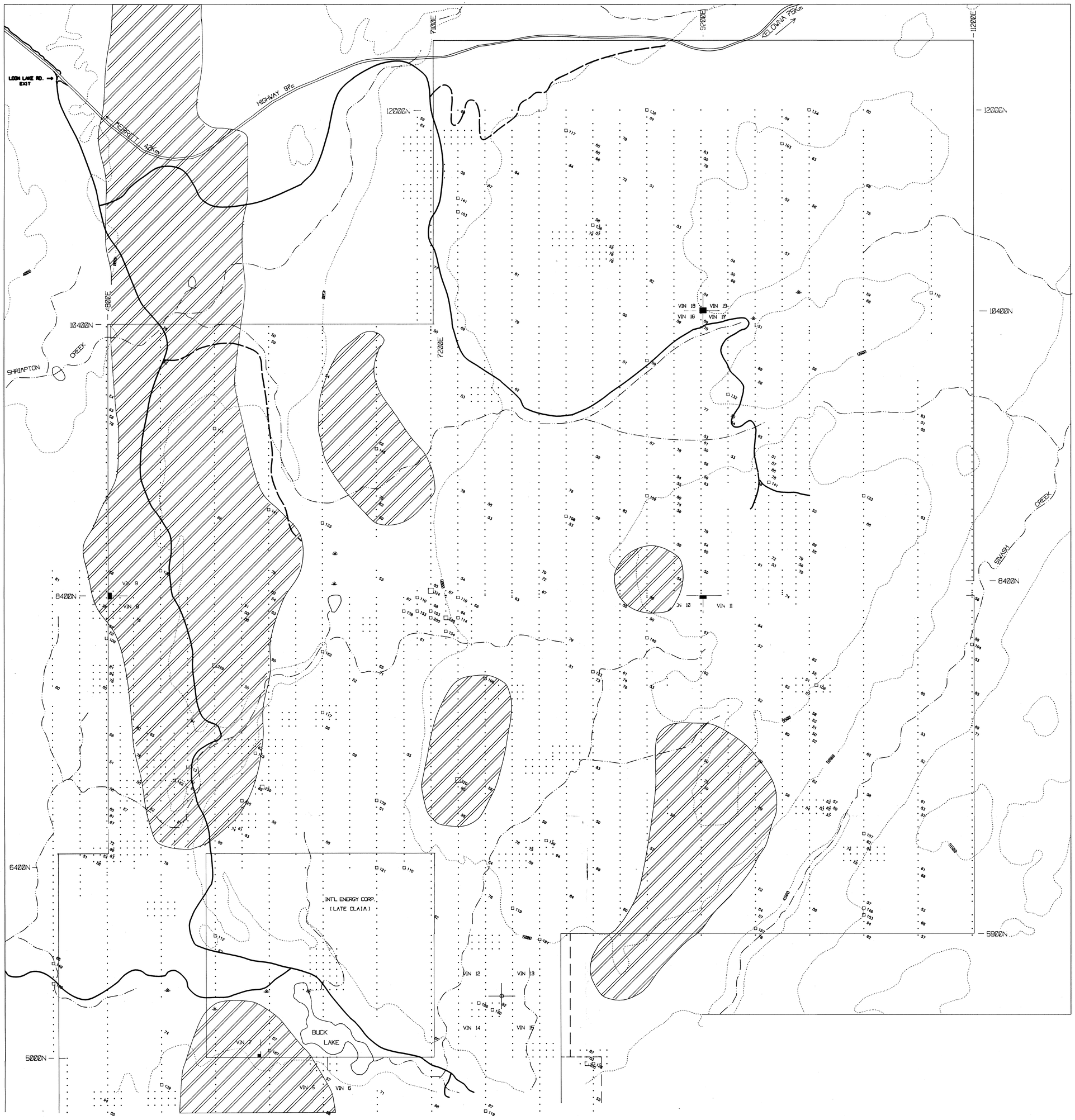
Au SOIL GEOCHEM / MAG COMPILATION MAP

1:10,000

CORDILLERAN ENGINEERING LTD.
1980 - 1855 W. HASTINGS STREET
VANCOUVER, B.C. V6E 2E9

DRAWN BY: JRC
DATE : JANUARY 1982

PLATE 2



SYMBOLS

- LESS THAN OR EQUAL TO 100 PPM Cu
- GREATER THAN 100 PPM Cu
- GREATER THAN 200 PPM Cu
- GREATER THAN 300 PPM Cu

(VALUES LESS THAN 50 PPM NOT PLOTTED)

- VIN 17 — Legal Corner Post (4-post claim), claim name
- Initial Post (2-post claim)
- 8400N — Outer claim boundary, grid line number
- Airborne magnetic high (+ or - 50,000 gammas)
- Topographic contour (500 ft. interval)
- Divided Highway
- Dirt road
- Stream
- Swamp

0 200 400 600 800 1000 metres

GEOLOGICAL BRANCH ASSESSMENT REPORT

22,259

FAIRFIELD MINERALS LTD.

VIN PROPERTY NORTH

SIMILKAMEEN/NICOLA MINING DIVISIONS, BRITISH COLUMBIA
NTS 92H 16W

Cu SOIL GEOCHEM / MAG

COMPILATION MAP

1:10,000

CORDILLERAN ENGINEERING LTD.
1980 - 1055 W. HASTINGS STREET
VANCOUVER, B.C. V6E 2E9

DRAWN BY: JRC
DATE : JANUARY 1982

PLAN/DATE 3

4400E

6400E

8400E

INTL ENERGY CORP.
(LATE CLAIM)

VIN 12

VIN 13

VIN 14

VIN 15

BUCK
LAKE

VIN 1

5000N

VIN 7

VINSON
LAKE

VIN 5

VIN 6

2500N

VIN 3

VIN 4

1500E

2000E

IN 1

VIN 2

MISSEZULA
LAKE

CREEK

0N

500N

SYMBOLS

- LESS THAN OR EQUAL TO 100 PPM Cu
- GREATER THAN 100 PPM Cu
- GREATER THAN 200 PPM Cu
- GREATER THAN 300 PPM Cu

(VALUES LESS THAN 50 PPM NOT PLOTTED)

VIN 17 — Legal Corner Post (4-post claim), claim name

Initial Post (2-post claim)

8400N — Outer claim boundary, grid line number

Airborne magnetic high
(1 or > 58,000 gammas)

Topographic contour (500 ft. interval)

Dirt road

Stream

Swamp

GEOLOGICAL BRANCH
ASSESSMENT REPORT

22,259

0 200 400 600 800 1000
metres

FAIRFIELD MINERALS LTD.

VIN PROPERTY SOUTH

SIMILKAMEEN/NICOLA MINING DIVISIONS, BRITISH COLUMBIA
NTS 92H 16W,15E

Cu SOIL GEOCHEM / MAG

COMPILATION MAP

1:10,000

CORDILLERAN ENGINEERING LTD.
1980 - 1055 W. HASTINGS STREET
VANCOUVER, B.C. V6E 2E9

DRAWN BY: JRC
DATE: JANUARY 1992

PLATE 4

BL12,000N
11,500N
11,000N
BL10,400N
10,000N
9000N
BL8400N
8000N
7000N
BL5900N
BL5000N

4400E
5200E
6000E
6800E
7600E
8400E
9200E
10,000E
10,800E
11,200E

BUCK LAKE

SEE PLATE 6 FOR SOUTH HALF OF GRID

SYMBOLS

- . LESS THAN OR EQUAL TO 10 PPB Au
- ▫ GREATER THAN 10 PPB Au
- □ GREATER THAN 20 PPB Au
- □ GREATER THAN 50 PPB Au
- □ GREATER THAN 100 PPB Au

(VALUES LESS THAN 5 PPB NOT PLOTTED)

5000N — Grid Coordinate

Topographic contour (100 ft. interval)

REFER TO FIGURE 2 FOR GRID LOCATION.

0 200 400 600 800 1000
metres

FAIRFIELD MINERALS LTD.

VIN PROPERTY (NORTH)

SIMILKAMEEN/NICOLA MINING DIVISIONS, BRITISH COLUMBIA
NTS 92H 16W

Au SOIL GEOCHEMISTRY

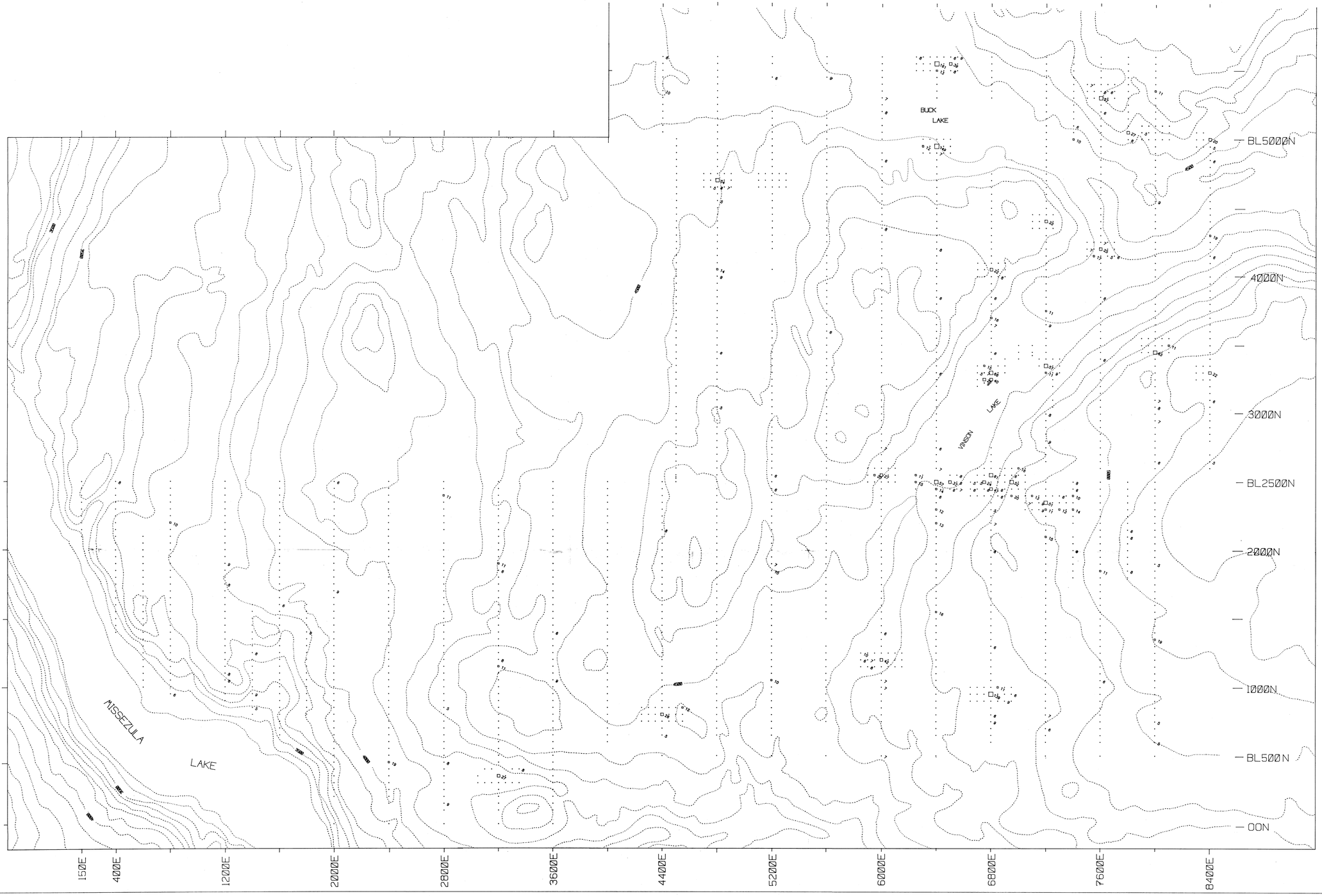
Scale 1 : 10.000

CORDILLERAN ENGINEERING LTD.
1988 - 1055 W. HASTINGS STREET
VANCOUVER, B.C. V6E 2E9

DRAWN BY: JRC
DATE : MARCH 1992

PLATE 5

SEE PLATE 5 FOR NORTH HALF OF GRID



N

SYMBOLS

- . LESS THAN OR EQUAL TO 10 PPB Au
- * GREATER THAN 10 PPB Au
- □ GREATER THAN 20 PPB Au
- □ GREATER THAN 50 PPB Au
- □ GREATER THAN 100 PPB Au

(VALUES LESS THAN 5 PPB NOT PLOTTED)

2000E — Grid Coordinate

Topographic Contours (100 ft. intervals)

REFER TO FIGURE 2 FOR GRID LOCATION.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

22,259

0 200 400 600 800 1000
metres

FAIRFIELD MINERALS LTD.

VIN PROPERTY (SOUTH)
SIMILKAMEEN/NICOLA MINING DIVISIONS, BRITISH COLUMBIA
NTS 92H 16W,15E

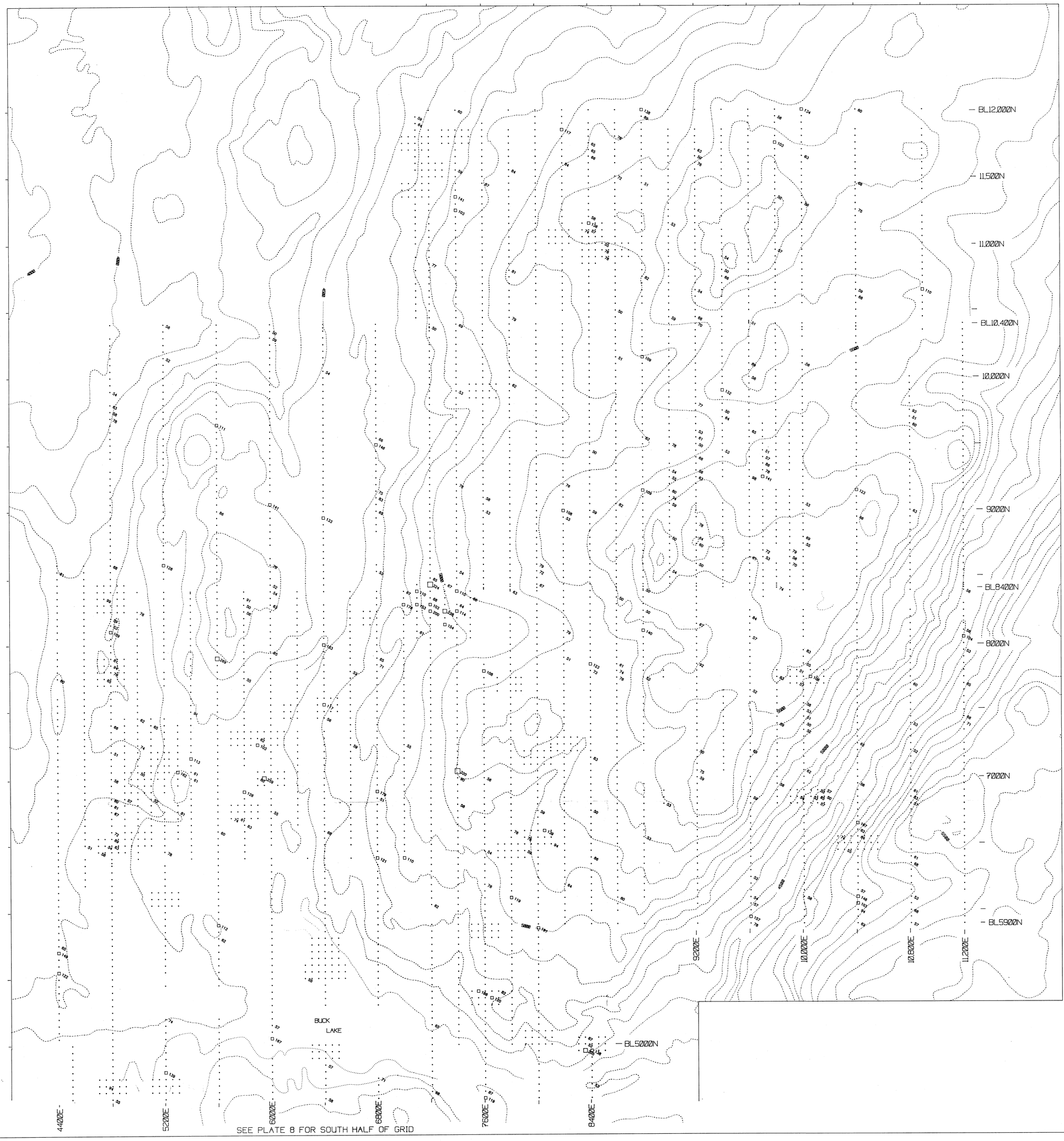
Au SOIL GEOCHEMISTRY

Scale 1 : 10.000

CORDILLERAN ENGINEERING LTD.
1980 - 1055 W. HASTINGS STREET
VANCOUVER, B.C. V6E 2E9

DRAWN BY: JRC
DATE : MARCH 1992

PLATE 6



N

SYMBOLS

- . LESS THAN OR EQUAL TO 100 PPM Cu
- □ GREATER THAN 100 PPM Cu
- □ GREATER THAN 200 PPM Cu
- □ GREATER THAN 300 PPM Cu

(VALUES LESS THAN 50 PPM NOT PLOTTED)

5000N — Grid Coordinate

Topographic contour (100 ft. interval)

REFER TO FIGURE 2 FOR GRID LOCATION.

0 200 400 600 800 1000
metres

FAIRFIELD MINERALS LTD.

VIN PROPERTY (NORTH)
SIMILKAMEEN/NICOLA MINING DIVISIONS, BRITISH COLUMBIA
NTS 92H 16W

Cu SOIL GEOCHEMISTRY

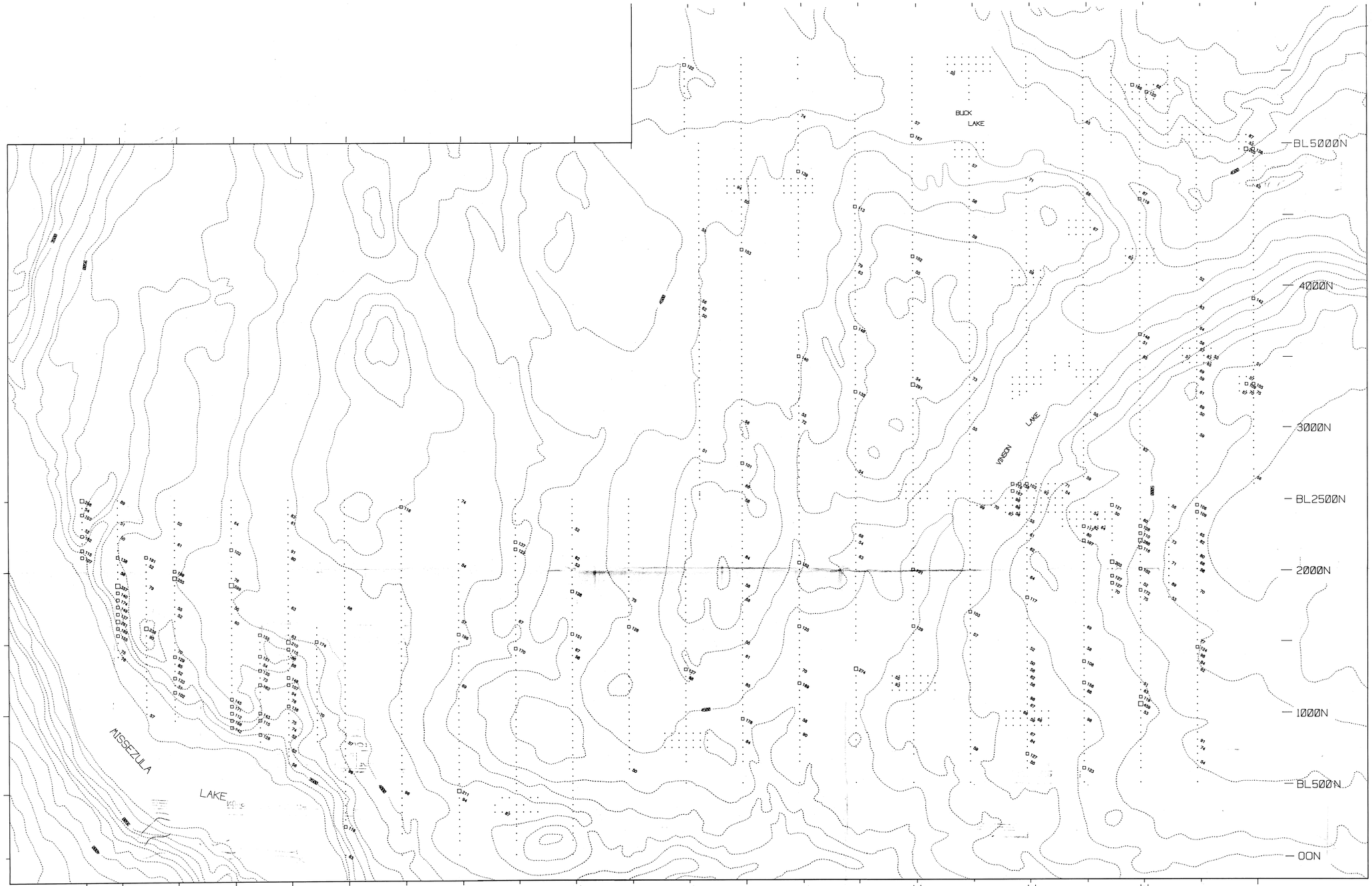
Scale 1 : 10,000

CORDILLERAN ENGINEERING LTD.
1980 - 1055 W. HASTINGS STREET
VANCOUVER, B.C. V6E 2E9

DRAWN BY: JRC
DATE : MARCH 1992

PLATE 7

SEE PLATE 7 FOR NORTH HALF OF GRID



N

SYMBOLS

- LESS THAN OR EQUAL TO 100 PPM Cu
- GREATER THAN 100 PPM Cu
- GREATER THAN 200 PPM Cu
- GREATER THAN 300 PPM Cu

(VALUES LESS THAN 50 PPM NOT PLOTTED)

2000E — Grid Coordinate

Topographic contour (100 ft. interval)

REFER TO FIGURE 2 FOR GEOLOGY

0 200 400 600 800 1000
metres

FAIRFIELD MINERALS LTD.

VIN PROPERTY (SOUTH)

SIMILKAMEEN/NICOLA MINING DIVISIONS, BRITISH COLUMBIA
NTS 92H 16W,15E

Cu SOIL GEOCHEMISTRY

Scale 1 : 10.000

CORDILLERAN ENGINEERING LTD.
1988 - 1055 W. HASTINGS STREET
VANCOUVER, B.C. V6E 2E9

DRAWN BY: JRC
DATE : MARCH 1992

PLATE 8