

LOG NO: 30-01	RD.
ACTION:	
FILE NO:	

1990

GEOCHEMICAL AND TRENCHING REPORT

On the WH #1-8 MINERAL CLAIMS

Similkameen Mining Division, B.C.

NTS: 92/H-9E,16E; Lat 49 Deg.46'N; Long 120 Deg.11'W

JANUARY 1991. (BC '90 ASSESSMENT)

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

20,883

REPORT DISTRIBUTION

➤ Mining Recorder:	2	
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Total:	7	



TYPE OF REPORT/SURVEY(S)	TOTAL COST
Soil Geochemical & Trenching	\$48,770

AUTHOR(S) ... Jeffrey D. Rowe SIGNATURE(S) *J.D. Rowe*

DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILED .Sept. 4/90. Jan 23/91 YEAR OF WORK 1990

PROPERTY NAME(S) ... WH

COMMODITIES PRESENT ... Gold, Silver

B.C. MINERAL INVENTORY NUMBER(S), IF KNOWN

MINING DIVISION .. Similkameen NTS ... 92H/9E, 16E

LATITUDE ... 49 deg 46'N LONGITUDE ... 120 deg 11'W

NAMES and NUMBERS of all mineral tenures in good standing (when work was done) that form the property [Examples: TAX 1-4, FIRE 2 (12 units); PHOENIX (Lot 1706); Mineral Lease M 123; Mining or Certified Mining Lease ML 12 (claims involved)]:

..... WH 1-12 (181 units)

OWNER(S) Fairfield Minerals Ltd. (1) (2)

MAILING ADDRESS 1980 - 1055 W. Hastings St. Vancouver, BC V6E 2E9

OPERATOR(S) (that is, Company paying for the work) (1) Placer Dome Inc. (2)

MAILING ADDRESS PO Box 49330 Bentall Postal Station 1600 - 1055 Dunsmuir St. Vancouver, BC

SUMMARY GEOLOGY (lithology, age, structure, alteration, mineralization, size, and attitude): The property is underlain by Jurassic and Tertiary acid intrusive rocks transected by large scale regional faults. Clay altered shear zones are common. Narrow quartz veins contain anomalous levels of gold and silver.

REFERENCES TO PREVIOUS WORK ... Deschenes, M. et al (1989) B.C. Assessment Report

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS		COST APPORTIONED	
GEOLOGICAL (scale, area)					
Ground	
Photo	
GEOPHYSICAL (line-kilometres)					
Ground					
Magnetic	
Electromagnetic	
Induced Polarization	
Radiometric	
Seismic	
Other	
Airborne					
GEOCHEMICAL (number of samples analysed for)					
Soil	2225 for Au	WH 5,6,7,8		} 32,000	
Silt					
Rock	71 for Au	WH 7,8			
Other					
DRILLING (total metres; number of holes, size)					
Core					
Core	
Non-core					
Non-core	
RELATED TECHNICAL					
Sampling/assaying	
Petrographic	
Mineralogic	
Metallurgic	
PROSPECTING (scale, area)					
PROSPECTING (scale, area)					
PREPARATORY/PHYSICAL					
Legal surveys (scale, area)					
Legal surveys (scale, area)	
Topographic (scale, area)					
Topographic (scale, area)	
Photogrammetric (scale, area)					
Photogrammetric (scale, area)	
Line/grid (kilometres)					
Line/grid (kilometres)	
Road, local access (kilometres)					
Road, local access (kilometres)	269 m - 2 trenches + 3 pits	WH 6,8		16,770	
Trench (metres)					
Trench (metres)	
Underground (metres)					
Underground (metres)	
				TOTAL COST	48,770

FOR MINISTRY USE ONLY	NAME OF PAC ACCOUNT	DEBIT	CREDIT	REMARKS:
Value work done (from report)	
Value of work approved	
Value claimed (from statement)	
Value credited to PAC account	
Value debited to PAC account	
Accepted Date	Rept. No.	Information Class

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1990 GEOCHEMICAL AND TRENCHING REPORT

ON THE WH #1-8 MINERAL CLAIMS

Similkameen Mining Division, B.C.
Latitude 49 degrees 46'N; Longitude 120 degrees 11'W
NTS: 92/H-9E, 16E

For

FAIRFIELD MINERALS LTD.
Vancouver, British Columbia

By

J. D. Rowe, B.Sc.
Geologist

CORDILLERAN ENGINEERING LTD.
1980-1055 W. Hastings St.
Vancouver, B.C. V6E 2E9

Date Submitted: January, 1991
Field Period: June 15 to October 29, 1990

TABLE OF CONTENTS

Tab		Page
1.0	SUMMARY AND CONCLUSIONS	1
2.0	RECOMMENDATIONS	3
3.0	INTRODUCTION	4
3.1	Location and Physiography	4
3.2	Claim Data	4
3.3	History	7
3.4	1990 Exploration Program	8
4.0	GEOLOGY	9
4.1	Regional Geology	9
4.2	Property Geology and Mineralization	9
5.0	GEOCHEMISTRY	12
5.1	Sampling Procedure	12
5.2	Results	13
6.0	TRENCHING	16
6.1	Procedure	16
6.2	Results	18
7.0	PERSONNEL	22
8.0	STATEMENT OF EXPENDITURES	23
9.0	REFERENCES	24
10.0	STATEMENT OF QUALIFICATIONS	25
11.0	ANALYTICAL RESULTS	

FIGURES

<u>Figure 1</u>	Location Map	5
<u>Figure 2</u>	Claim, Grid, Trench and Reconnaissance Sample Locations	6
<u>Figure 3</u>	Regional Geology	10
<u>Figure 4</u>	Au Soil Geochemistry - Auger Samples	15
<u>Figure 5</u>	Trench WH 901 Geology	17
<u>Figure 6</u>	Trench WH 902 Geology	20

TABLES

<u>Table 1</u>	Claim Status as at December 31, 1990	7
<u>Table 2</u>	Reconnaissance Rock Samples	14
<u>Table 3</u>	Trench Rock Chip Sample Results	19

PLATES

(in pocket)

<u>Plate 1</u>	Au Soil Geochemistry	<u>Scale</u> 1:10,000
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The WH property comprises 12 claims (181 units) in the Similkameen Mining Division, located 57 kilometres southeast of Merritt, B.C. The claims, staked during 1988, 1989 and 1890, are owned 100 percent by Fairfield Minerals Ltd. The 1990 program was funded by Placer Dome Inc. under the terms of an option agreement. The exploration target was a structurally controlled lode gold deposit.

Logging roads provide excellent access to all parts of the property. The terrain consists of rolling forested hills and scattered clear cut logged area.

Previous exploration near the property has included mapping, soil sampling, magnetometer surveys, trenching, diamond drilling, limited underground drifting and small scale placer mining. The best drill intercept was five feet of 0.43 oz/ton gold, 5.67 oz/ton silver and 0.23% copper from a showing 1.0 km east of the WH claims. Within the property area a narrow quartz vein/alteration zone yielded 15,900 ppb (0.46 oz/ton) gold and 1100.9 ppm (32.1 oz/ton) silver across 10 cm.

During 1988-89 the WH 1-8 claims were soil sampled and minor trenching was conducted. The 1990 program consisted of detailed follow-up soil sampling, minor trenching and staking of sixty claim units on the south side of the property.

The claims are underlain by coarse granite of the Coast Intrusions injected by a stock and abundant dykes of porphyritic granite of the Otter Intrusions. Clay alteration, with local disseminated pyrite, occurs along some shears. Sericite, chlorite, carbonate and silica alteration are also developed locally. Major lineaments, as well as fractures and shears exhibit predominant northeast and northwest trends. Small quartz veins have been observed locally with minor pyrite, occasional chalcopyrite or galena and some gold and silver values.

A total of 1337 follow-up soil samples were collected to help define gold anomalies on the WH 5, 6, 7 and 8 claims. In addition, 670 pulps from 1989 soil samples were reanalyzed for gold using a wet chemical extraction process to compare with the results of the originals derived using fire assay extraction.

The gold geochemical analyses confirmed three anomalous areas defined by 1989 results but failed to confirm the two largest target areas on the north part of the grid. It is suspected that the fire assay extraction technique may have provided some false anomalies due to a higher gold extraction level and that there is a strong variability in gold results due to the inhomogeneous distribution of gold in the glacial soils.

Auger sampling at 48 sites in one of the anomalous areas showed that there was no significant increase in gold values at depth compared to surface soil samples, and confirmed the high variability of gold values by comparing analyses from two cuts of the same material.

Two trenches totalling 269 metres were excavated on the north end of the property to test for gold mineralization in areas of anomalous geochemistry, VLF-EM conductors and topographic lineaments, which may represent major fault structures. Locally sheared, clay altered, granitic batholith rocks were exposed in contact with bodies of the younger quartz-feldspar porphyry intrusions. The sheared, clayey zones coincided well with the interpreted geophysical conductors. Minor disseminated pyrite and one narrow quartz vein were observed. Extensive rock chip sampling was undertaken. All gold values were low.

Soil profile samples collected from the trench walls returned only one significant value near the overburden surface, 1.5 m above bedrock. It appears that the anomalous gold values in surface soil samples came from a source outside of the trenched areas.

It is concluded from the results of the 1990 exploration program that there are several strong gold geochemical anomalies on the WH property which require further follow-up evaluation. These targets all have potential for the discovery of gold-bearing vein systems of economic tenor.

Trenches and test pits failed to explain the sources of anomalous gold in the soil except to indicate that the gold has been transported for unknown distances.

2.0

RECOMMENDATIONS

1. Establish a geochemical grid (200m x 50m) over the 60 new claim units to the south. Analyze all soils for gold.
2. Follow-up soil anomalies on the new grid, and some requiring fill-in on the old grid, with samples at 50m by 50m spacings.
3. Prospect and geologically map areas of significant gold anomalies.
4. Conduct magnetometer and VLF-EM surveys on 100m by 12.5m spacings over selected targets.
5. Utilize an overburden drill to collect soil profile samples to bedrock in areas of significant geochemical and geophysical anomalies.
6. Trench to bedrock in prospective areas outlined by overburden drilling. Clean, map and chip sample trenches.

Respectfully submitted

CORDILLERAN ENGINEERING LTD.



J. D. Rowe, B.Sc.
Geologist

JDR/z
January, 1990

3.0

I N T R O D U C T I O N

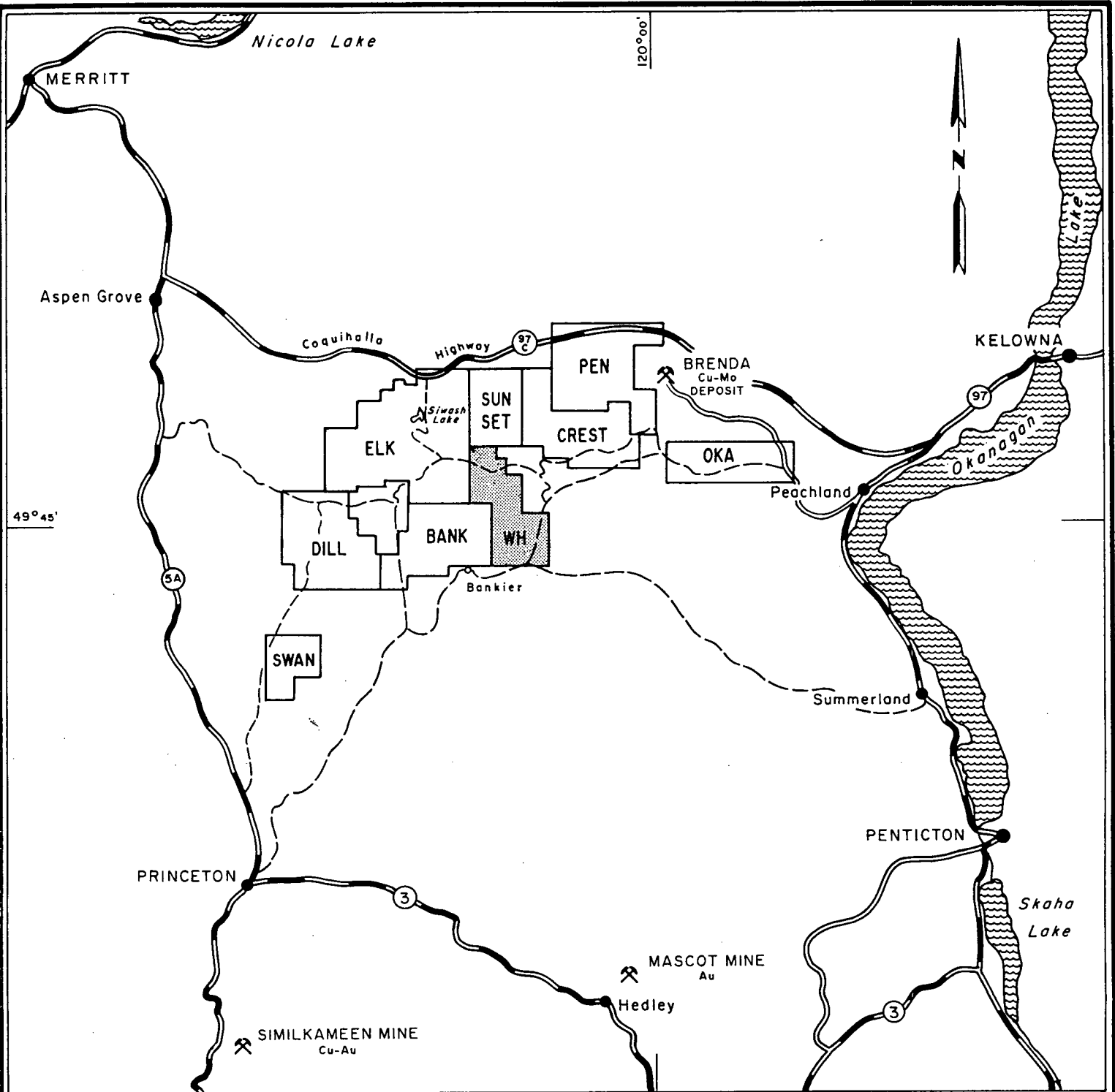
3.1 LOCATION AND PHYSIOGRAPHY (Figures 1 and 2)

The WH property is located 32 kilometres west of Peachland and 57 kilometres southeast of Merritt in south-central British Columbia (Figure 1). The property is centered on latitude 49 degrees 46'N and longitude 120 degrees 11'W within NTS map areas 92H/9E + 16E. Good gravel roads extend to the area from Peachland and from the Princeton-Merritt highway. Several logging roads traverse the claims providing excellent access.

The claims cover an area of approximately 45 square kilometres in rolling, hilly terrain on a broad uplands plateau. Elevations range from 1150m to 1550m above sea level. The east side of the property drops down steeply to Trout Creek, a two to four metre wide stream flowing to the south. Spring Creek follows a northeast trending depression across the central part of the property and North Trout Creek cuts south and east across the northern claims. Whitehead Lake, measuring 800 metres by 400 metres lies on the plateau in the east-central part of the claim group. A dam on the lake has caused a tributary creek to back up forming a long swampy zone to the southwest. Outcrop exposures are scarce with till cover ranging from less than one metre to greater than four metres. Mature stands of spruce, balsam, fir and pine have been logged from several scattered plots. Annual temperatures range from -20 degrees C to 30 degrees C and precipitation is low to moderate. The area is basically snow-free from late June through October.

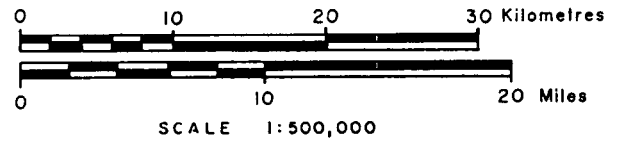
3.2 CLAIM DATA (Figure 2)

The current status of the WH claims is indicated in Table 1, and their locations are shown on Figure 2. The claims, located in the Similkameen Mining Division, were staked in September and October 1988, May and July 1989 and August 1990 and are 100 percent owned by Fairfield Minerals Ltd.



MAP AREA

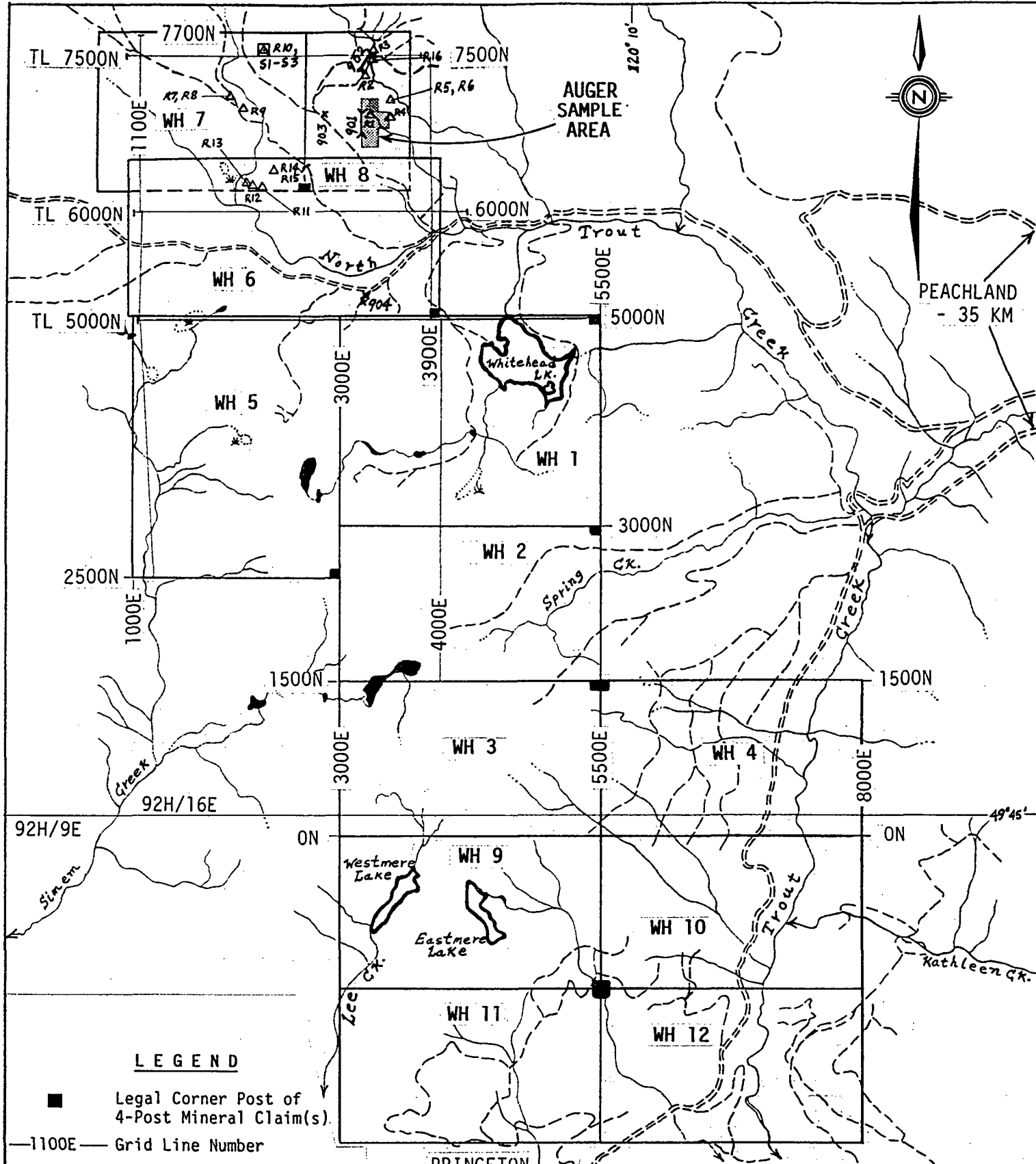
FAIRFIELD MINERALS LTD.
PROPERTY LOCATION MAP
 SOUTHERN BRITISH COLUMBIA
 OKANAGAN AREA, NTS 82E/92H



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

DECEMBER 1990

FIGURE 1



LEGEND

- Legal Corner Post of 4-Post Mineral Claim(s)
- 1100E— Grid Line Number
- == Access Roads, Trails
- Trench
- x Test Pit
- △ Rock) Reconnaissance
- Soil) Sample Sites

Note: 'WH' Prefix omitted on map for Trench and Test Pit Numbers;
 'WH90' Prefix omitted from Recon. Sample Numbers.

FAIRFIELD MINERALS LTD.
WH PROPERTY
CLAIM, GRID, TRENCH AND RECONNAISSANCE SAMPLE LOCATIONS

Similkameen Mining Division
 92H/9E & 16E, B.C.
 Scale - 1:50,000



Table 1 CLAIM STATUS AS AT DECEMBER 31, 1990

<u>CLAIM</u>	<u>UNITS</u>	<u>RECORD NO.</u>	<u>EXPIRY DATE</u>
WH 1	20	3186	2 SEPT 1995
WH 2	15	3201	16 SEPT 1985
WH 3	15	3213	10 OCT 1994
WH 4	15	3214	11 OCT 1994
WH 5	20	3339	6 MAY 1994
WH 6	18	3340	7 MAY 1994
WH 7	12	3437	9 JULY 1994
WH 8	6	3438	13 JULY 1994
WH 9	15	3750	27 AUG 1991
WH 10	15	3751	27 AUG 1991
WH 11	15	3752	27 AUG 1991
<u>WH 12</u>	<u>15</u>	3753	27 AUG 1991
12 Claims	181 Units		

3.3

HISTORY

Areas to the east and southeast of the WH claims have been previously explored. In the Spring Creek area, from 1972 to 1985 various companies conducted mapping, soil sampling, a magnetometer survey, trenching and limited diamond drilling in search of copper, molybdenum, lead, zinc and silver, with little success. Along North Trout Creek, a small, intermittent placer mining operation has recovered small amounts of gold. During 1988 and 1989 a large area east of WH was explored for gold by soil sampling, magnetometer and VLF-EM surveys, mapping, prospecting and trenching.

Directly southeast of the WH 4 claim a gold, silver, copper showing has been explored by diamond drilling, trenching, a magnetometer survey and soil sampling between 1973 and 1987. A 64 metre adit is reported to have been excavated in 1898. The best drill intercept was 5 feet of 0.43 oz/ton gold, 5.67 oz/ton silver and 0.23% copper within a 15 foot section averaging 0.30 oz/ton gold.

Prospecting of the area near Whitehead Lake in 1988 by Fairfield Minerals Ltd. located a narrow quartz vein/alteration zone in granite which yielded 15,900 ppb (0.46 oz/ton) gold, 1100.9 ppm (32.1 oz/ton) silver across 10 cm. This initiated the staking of the WH claims.

During 1988 and 1989 the WH 1-8 claims were soil sampled on 50m by 200m spaced grid lines. Fill-in samples were collected around some of the anomalous stations. One short trench and three pits were excavated in the Spring Creek area but failed to expose any significant gold mineralization.

3.4 1990 EXPLORATION PROGRAM

The 1990 program consisted of detailed follow-up soil sampling in areas of previously defined gold anomalies and excavation of two trenches and three pits to explore for sources of anomalous gold geochemistry.

The soil sampling largely failed to extend, or even duplicate, the gold anomalies indicated by the 1989 program. It appears that a different analytical technique used for the 1989 samples yielded higher background values, possibly due to a more complete gold extraction and hence some of the previous anomaly targets have been eliminated.

The trenches exposed areas of altered, sheared intrusive rocks but sampling did not yield any significant gold values.

Sixty claim units were added to the property on the south sides of WH 3 and 4 claims during August 1990. No work was conducted on these new claims.

4.0

G E O L O G Y

4.1 REGIONAL GEOLOGY (Figure 3)

The WH regional geology is shown on the northeast part of GSC Map 888A, Princeton, by H.M.A.Rice, 1939-1944 and condensed on Figure 3. The area is underlain by an Upper Cretaceous to Tertiary stock of porphyritic granite in contact with Upper Jurassic Coast intrusive granitic rocks to the west, north and south.

4.2 PROPERTY GEOLOGY AND MINERALIZATION

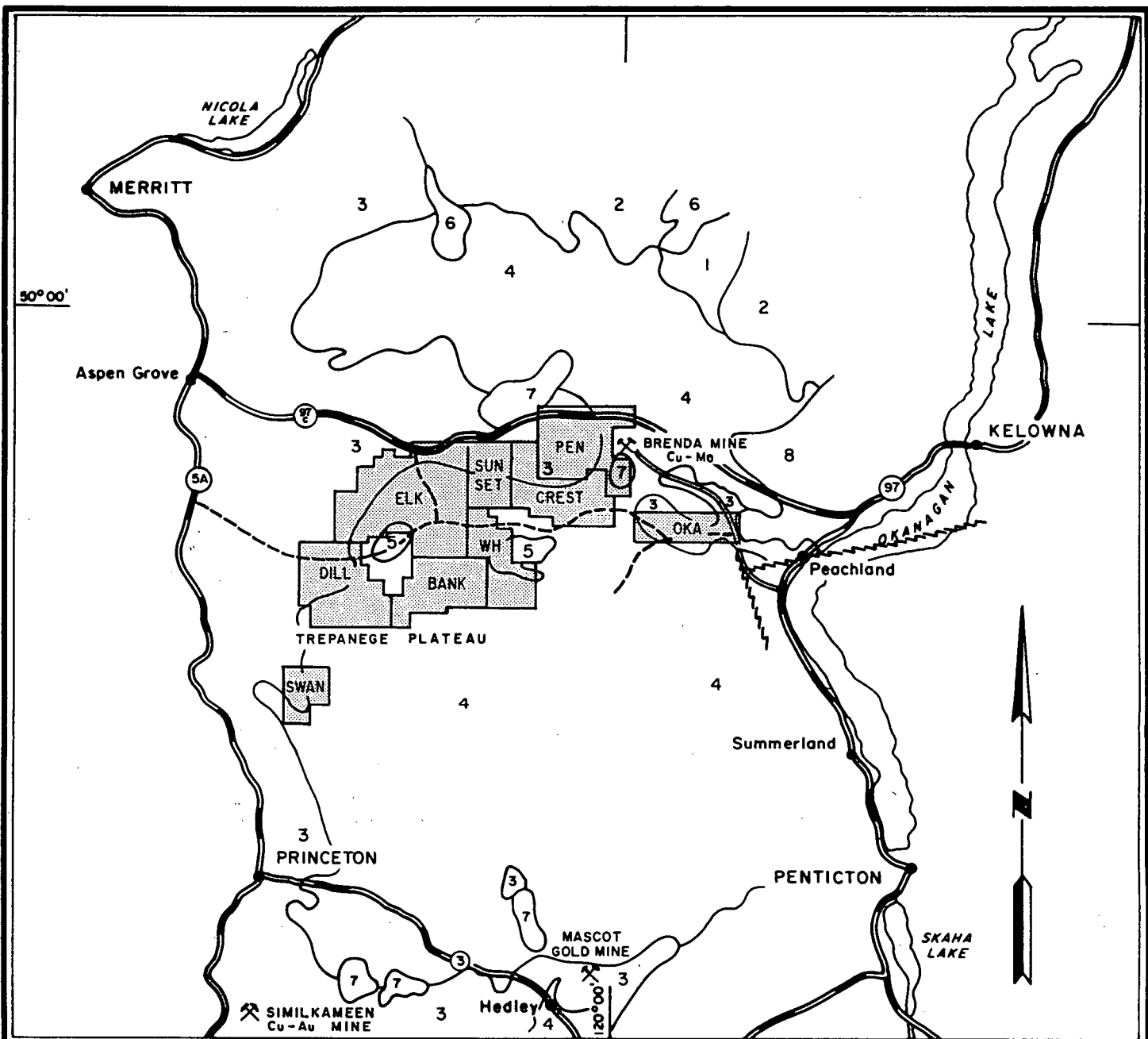
Outcrop is sparse on the property, confined predominantly to creek banks, ridges and road cuts.

The central and eastern portions of the property are underlain by a stock of quartz-feldspar porphyry of Upper Cretaceous to Tertiary age. Quartz eyes are common, reaching up to 1.5 centimetres in diameter and feldspar phenocrysts are up to 4 centimetres in length. The composition is generally granite to monzonite with local diorite sections, often near contact zones. Dykes and small stocks of similar rock were observed on the northernmost claims. Clay alteration of matrix minerals to chalky white material is common, with local weathered pyrite imparting a rusty yellow colour.

Coarse, equigranular, pink granite of the Jurassic batholithic unit dominates on the northern claims and scattered outcrops occur on the southern parts of WH 3 and 4 claims. Contacts with the porphyry stock are irregular.

Pendants of gneissic rock of possible Paleozoic age are present in both porphyry and granite as rafted inclusions. These were observed on WH 3 and 4 claims. The gneiss is fine grained, dark grey to black and weakly to moderately foliated.

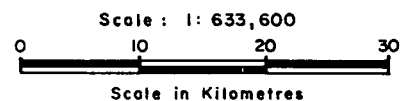
In a few exposures fine-grained andesitic dykes have been noted cutting both the granite and quartz-feldspar porphyry units. These dykes may be late stage members of the porphyry intrusions.



LEGEND

8	Eocene/Oligocene	Andesite flows
7	Miocene/earlier	Princeton Group - shale, sandstone
6	Miocene/earlier	Kamloops Group - rhyolite, andesite
5	Upper Cretaceous	Otter Intrusions - granite
4	Jurassic/Cretaceous	Coast Intrusions - granite, granodiorite
3	Upper Triassic	Nicola Group - andesite, basalt, sediments
2	Carbonaceous	Cache Creek Group - argillite, quartzite, andesite
1	Pre Permian	Chaparron Group - schist

FAIRFIELD MINERALS LTD.
 PROPERTY LOCATION
 AND
 REGIONAL GEOLOGY
 ELK, DILL, BANK, WH, SUNSET, PEN,
 CREST, OKA & SWAN PROPERTIES
 THOMPSON-OKANAGAN AREA, B.C.



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 VANCOUVER, B.C. V6E 2E9

Major lineaments on the property, which probably reflect large fault structures, trend dominantly 070 and 150 degrees. Local fracturing and shearing also exhibit similar trends.

Intense clay alteration is locally developed in some shear zones, usually less than one metre in width. Sericite alteration is prevalent in the granite and quartz-feldspar porphyry units. Low levels of silicification, chloritization and carbonatization are also locally evident.

Disseminated pyrite has been noted in quartz veinlets and in some argillically altered or silicified zones. Locally, minor chalcopyrite or galena accompany the pyrite and some anomalous gold and silver values have been returned. A 10 cm chip sample collected in 1988 from a quartz veinlet cutting altered granite on WH 1 claim returned 15,900 ppb (0.46 oz/ton) gold and 1100.9 ppm (32.1 oz/ton) silver. A 1.5 m chip sample collected in 1989 from silicified quartz diorite in a trench exposure on WH 2 claim yielded 33.5 ppm (0.98 oz/ton) silver and 30 ppb gold. The two 1990 trenches failed to reveal any significant mineralization and sample results were all low. These trenches are described in more detail in Section 6.0.

5.0

G E O C H E M I S T R Y

5.1

SAMPLING PROCEDURE

Soil samples from the 1989, 200m by 50m grid which returned values of 20 ppb Au or greater were followed up by detailed sampling at 50m by 50m, or in some cases 100m by 50m spacings. A total of 1221 fill-in soils were collected during June 1990 on the WH 5, 6, 7 and 8 claims.

Fill-in sample lines were established by measuring from existing stations with hip chain and compass. Lines were oriented north-south and stations were marked with grid numbered, water proof Tyvek tags and orange and blue flagging.

Samples were collected from the "B" soil horizon with mattocks and placed in kraft paper bags numbered with the appropriate grid coordinates. The samples were sent to Acme Analytical Laboratories Ltd. in Vancouver, where they were dried, sieved and the -80 mesh material collected. Gold content was analyzed by atomic absorption following aqua regia digestion and MIBK extraction from a 10 gram sample.

In addition, 116 soils were collected from selected 1989 sample sites and 670 pulps from 1989 samples were removed from storage at Eco-Tech Laboratories Ltd. in Kamloops, B.C. where they were originally analyzed. All these samples were sent to Acme where the gold contents were determined by the procedure described above.

In one area several existing 50m by 50m grid sites were resampled using a soil auger to test for possible masking of gold values at surface by a locally thick organic layer. A total of 48 samples were collected at depths ranging from 10 to 100 cm. The material was mixed by hand and divided into two equal portions which were sent to two different labs for gold analysis. Both labs analyzed the samples by the same MIBK/AA procedure, which is outlined above. The minimum gold detection limit reported by Acme was 1 ppb and by Eco-Tech was 5 ppb.

Sixteen reconnaissance rock and three soil samples were collected from various sites on the northern part of the property. Rocks were analyzed by Acme for gold by MIBK/AA on a 20 gram portion of -100 mesh pulverized material.

5.2 RESULTS (Plate 1, Figures 2 and 4)

Gold values for 1990 fill-in soils and resamples as well as reanalyses of 1989 pulps are illustrated on Plate 1. Analytical certificates are appended in Section 11.0. Figure 2 shows the position of the geochemical grid on the property as well as locations for reconnaissance rock and soil samples. Figure 4 is a plot comparing analytical results of auger samples conducted by two different labs.

Results from fill-in samples collected around 1989 samples believed to contain anomalous levels of gold did not confirm the higher values in many instances. It was suspected that the analytical procedure used in 1989 which consisted of fire assay followed by AA analysis of the dore bead may have given a more complete gold extraction, and hence, higher background values than the alternate MIBK/AA gold analysis.

As a check of the original results a number of sample pulps, as well as some resamples from original sites, were reanalyzed using the MIBK/AA method. Very few of the check results confirmed higher gold numbers obtained in 1989. Several significant values, up to 230 ppb Au, were obtained however from other sites, and some anomalous trends were defined.

On Plate 1 the gold results are illustrated by increasing sized symbols which represent ranges of values of from 1 to 10 ppb (background), 11 to 20 ppb (weakly anomalous), 21 to 50 ppb (moderately anomalous) and greater than 50 ppb (strongly anomalous). Squares represent samples collected in 1990 and triangles are for 1989 pulps which were re-analyzed in 1990.

An area of clustered anomalous stations was defined between 6350N and 6550N from 1500E to 2150E. No distinct linear trends were indicated, however the high values may be scattered along east to northeast trending structures represented by conductors outlined in a 1989 VLF-EM survey. Three significant gold values at approximately 7050N, between 2700E and 2900E define a northeast trending anomaly. A test pit was excavated beside the middle station, which returned 230 ppb Au, but it failed to reach bedrock (see Section 6.0).

Both of the areas described above were shown to contain several above-background gold values by the 1989 sample analyses, however, resampling and reanalyses conducted in 1990 showed a poor correlation of results for individual samples. This suggests that there are gold sources in these areas but the erratic distribution of gold in the soil causes highly variable analytical results.

Another 1989 anomaly confirmed by the 1990 fill-in sampling extends northeasterly across lines 1400E to 2200E from 4000N to 4350N. This area requires further fill-in sampling at 50 m spacings to better define targets.

Two large anomalous areas on the north part of the grid outlined by the 1989 program were only partially confirmed by the 1990 analyses. The original values are suspect, possibly due to the type of gold analysis which was performed on the samples.

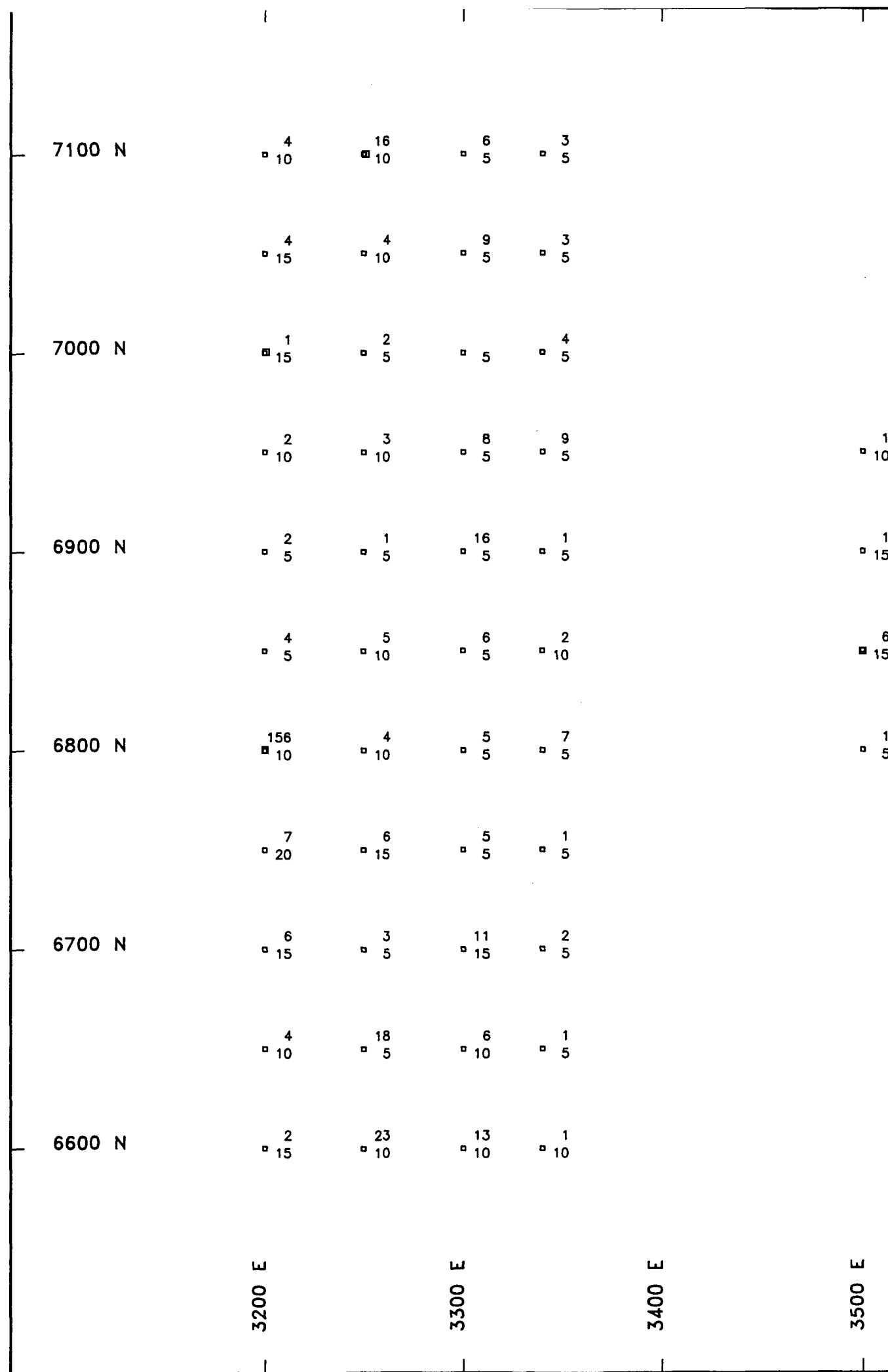
Figure 4 illustrates a poor correlation of gold values derived by two different labs from cuts of the same samples. From the 48 auger soil samples Acme determined 5 values greater than 15 ppb Au up to a high of 156 ppb, for which corresponding analyses at Eco-Tech gave 5 to 10 ppb. Only one Eco-Tech value of greater than 15 ppb was returned, a 20 ppb result corresponding to 7 ppb from Acme.

Comparing the auger sample values to those for mattock-collected samples at the same sites (see Plate 1) show no significant increase in gold values at greater depth in the overburden. It appears that the local presence of an upper organic layer in the soil has negligible effect on the gold values if samples are collected properly with a mattock. Variability of results is much more strongly influenced by the nugget effect of gold distribution in the soil. These observations are also substantiated by the results of profile soil sampling in trench WH 901 (see Section 6.2).

Reconnaissance rock samples described in Table 2 were all selected grabs from altered granitic rock or quartz vein float. Gold values are all low except for 143 ppb Au from WH 90-R10, a sample of strongly altered granite rubble cut by quartz-ankerite stringers. The angular rubble appears to have a nearby source. Three reconnaissance soil samples in the immediate area all had low gold values.

Table 2 RECONNAISSANCE ROCK SAMPLES

<u>SAMPLE #</u>	<u>GRID LOCATION</u>	<u>DESCRIPTION (all grab-type samples)</u>	<u>Au-ppb</u>	<u>Aq-ppm</u>
WH90-R1	6917N-3292E	Drusy, hematitic quartz vn float (3-4cm)	5	
WH90-R2	7515N-3305.5E	Strongly pyritized granite; anqular float	1	
WH90-R3	7541N-3340E	Pyritized granite float with minor disseminated chalcopryite (?)	2	
WH90-R4	6900N-3503E	Silicified granite with quartz vugs Fe/Mn alteration (anqular float)	3	
WH90-R5	7080N-3505E	Hematitic aplite with chalcedony stringers (residual rubble)	3	
WH90-R6	7080N-3507E	In situ, Mn/argillic/weak phyllic altered coarse granite with clear, fine-grained quartz stringers.	2	
WH90-R7	7050N-1970E	Hematitic aplite with Mn alt'n & network of fine-gr qtz stringers (subanqular float).	5	
WH90-R8	7055N-1970E	7cmx15cm float fgmnt. of strongly silicified + Py/Mn-alt'd granite w/qtz vn stockwork.	3	
WH90-R9	6984N-2093E	Silicified granite w/weak propyl. alt'n and moderate dissem.Pyh (subanqular float).	6	
WH90-R10	7547N-2288E	Angular rubble; argillic/potassic/sausseritic alt'd coarse granite w/qtz-Fe carb. stringers.	143	
WH90-R11	6196N-2252E	Angular granite float; silica/propyl./Mn/Py alt'n.	6	
WH90-R12	6220N-2177E	Granite rubble w/strong qtz-Fe carb. alt'n	4	
WH90-R13	6230N-2150E	In situ, yellow-orange clay (decomp.granite) from narrow shear trending 080 degrees.	3	
WH90-R14	6385N-2332E	Limonitic quartz vn float fgmnt. 5x7 cm	4	
WH90-R15	6389.5N-2323E	Vuggy, Fe/Mn-stained qtz/andesite bx float.	1	
WH90-R16	7485N-3355E	Strongly silicified and pyritized granite w/ quartz vugs (float).	2	0.1



LEGEND

Acme Analytical Au ppb
 Eco-Tech Au ppb

FAIRFIELD MINERALS LTD.
 WH PROPERTY
 AU SOIL GEOCHEMISTRY
 AUGER SAMPLES
 ACME - ECO-TECH ANALYSES
 SIMILKAMEEN MINING DIVISION
 NTS 92H 16E
 1:2500
 Cordilleran Engineering Ltd.
 1980 1055 West Hastings St.
 Vancouver, B.C.
 V6E 2E9
 Dec. 1990

6.0

TRENCHING

6.1 PROCEDURE (Figures 2, 5 and 6)

Two trenches totalling 269 metres and three test pits were excavated on the WH 8 and WH 6 claims to test soil geochemical anomalies and structural lineaments (Figure 2). The excavation was performed by Wiltech Developments of Kelowna, B.C., during October 1990.

The Cat 215 excavator utilized a toothed bucket in clayey compacted overburden and a smooth-edged bucket for scraping clean the bedrock surface. A 100 cc Honda pump was used to dewater sections of the trenches and to wash the exposed bedrock.

The trenches were surveyed, mapped at 1:100 scale, rock sampled and overburden soil sampled. Surveying was done with a Brunton compass and a 50 metre steel measuring tape. Geochemical grid stations were tied in to the trench location. Mapping defined geological contacts, structures and sample locations. The two trenches are illustrated at 1:500 scale on Figs. 5 and 6.

Basal soil samples were collected at 5m intervals along one trench wall at the bedrock-overburden interface. In trench WH 901 soil profile samples were also collected every 10 metres at 50 cm increments up the trench wall to surface. Basal soil samples were numbered consecutively from the trench zero point starting with number one (eg. TWH 901-1). Profile samples have the same numbering system but with a letter suffix denoting the level, with A at 50 cm above bedrock, B at 100 cm, etc. (eg. TWH 901-1A). Totals of 101 soils from trench WH 901 and 15 soils from trench WH 902 were collected and analyzed for gold by the same method described for soils in Section 5.1.




Three test pits excavated near anomalous soil stations failed to reach bedrock at depths of about 4 metres. Soil samples were collected from the pit walls at depths ranging from 2.5 to 4 metres and they were immediately backfilled.

Totals of 44 rock samples from trench WH 901 and 11 from trench WH 902 were collected. These continuous chip samples were taken over 0.7 to 1.4 m lengths (most 1.0 m) in areas of altered or favourable looking bedrock and oriented perpendicular to structures, where possible. They consisted of 5 to 10 kg of rock chips broken from a 7-10 cm wide channel using a hammer and chisel.








GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,883

LEGEND

- LITHOLOGY
- UPPER CRETACEOUS
-  Feldspar porphyry
- JURASSIC
-  Equigranular granitic intrusive
 -  Felsic dyke-medium grained to pegmatitic

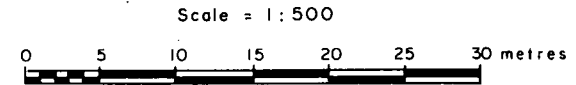
SYMBOLS

-  Shear zone
-  Quartz vein
-  Contact strike and dip
-  Continuous chip rock sample
-  Trench soil sample
-  Surveyed grid soil station
-  Trench survey station

Note:
See Figure 2 for trench location.
See text for sample results.

FAIRFIELD MINERALS LTD.
WH PROPERTY
TRENCH WH 901 GEOLOGY

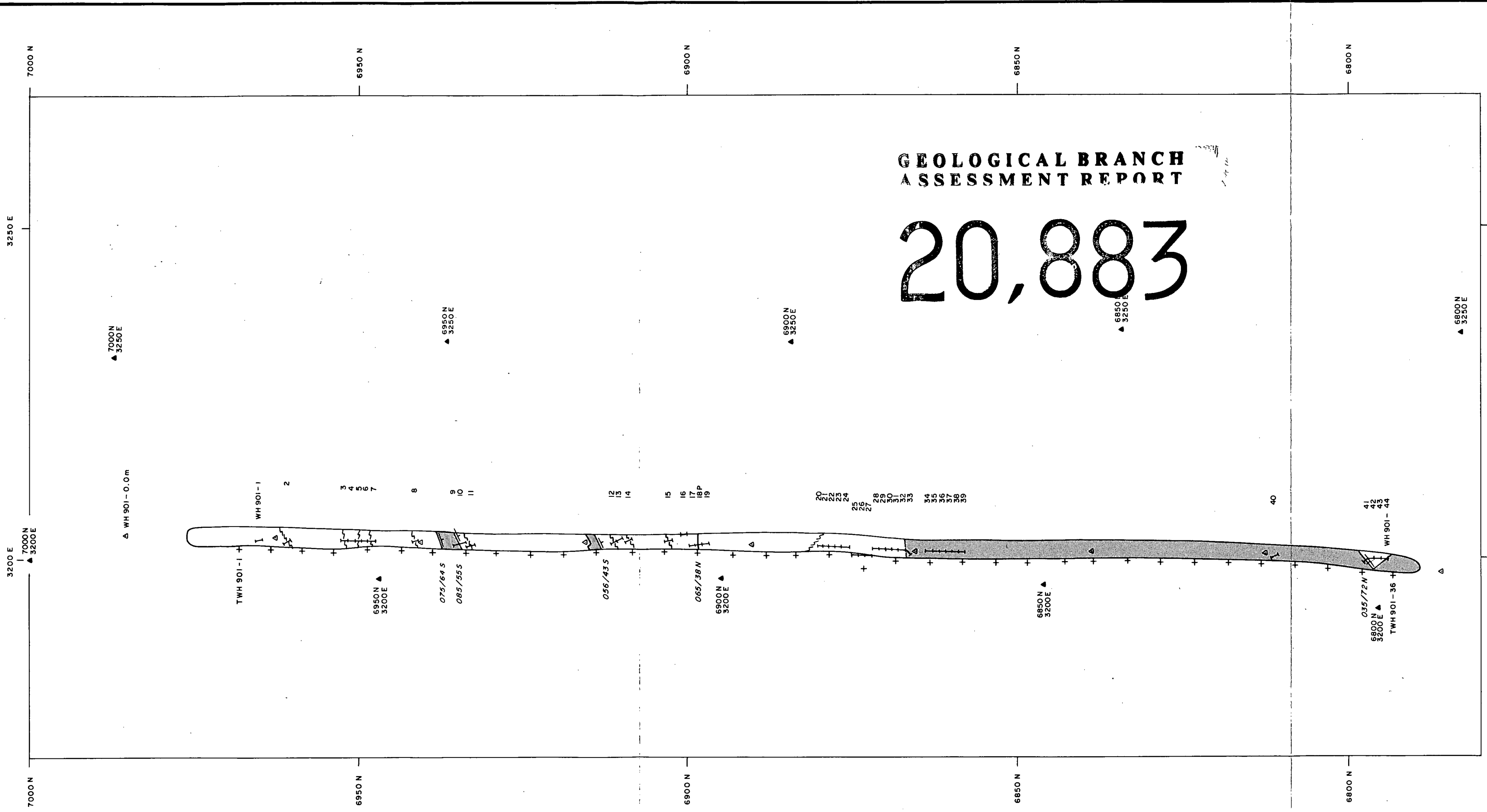
SIMILKAMEEN MINING DIVISION
NTS: 92H/9E, 16E



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

DECEMBER 1990

FIGURE 5



Sample 18P from trench WH 901 was a panel consisting of continuous chips over a 0.5 m by 0.5 m area to a depth of 3-5 cm, weighing about 15 kg. This sample tested a 2 cm quartz vein and weakly argillically altered granite wallrock. The samples were numbered consecutively from the trench zero point starting with number one (eg. WH 901-1).

Rock samples were shipped to Acme Analytical Laboratories in Vancouver for gold determinations. Most were analyzed by the following procedure: crush sample to -3/16", split out 250 gm, pulverize to -100 mesh and analyze 20 gm by MIBK/AA. Sample WH 901-18P received a metallics fire assay consisting of the following steps: crush 5 kg of sample to -1/16", split out 1 kg, pulverize to -100 mesh and sieve on 100 mesh screen, conduct fire assays on 1 AT of fine material and entire coarse fraction, combine weighted results for gold content. The samples on each side of 18P had regular fire assays which resemble the above method but exclude the sieving and assay of coarse material.

Upon receipt of results the trenches were backfilled, groomed and grass seeded. The zero point of each trench is marked by an orange-painted post with attached aluminum label.

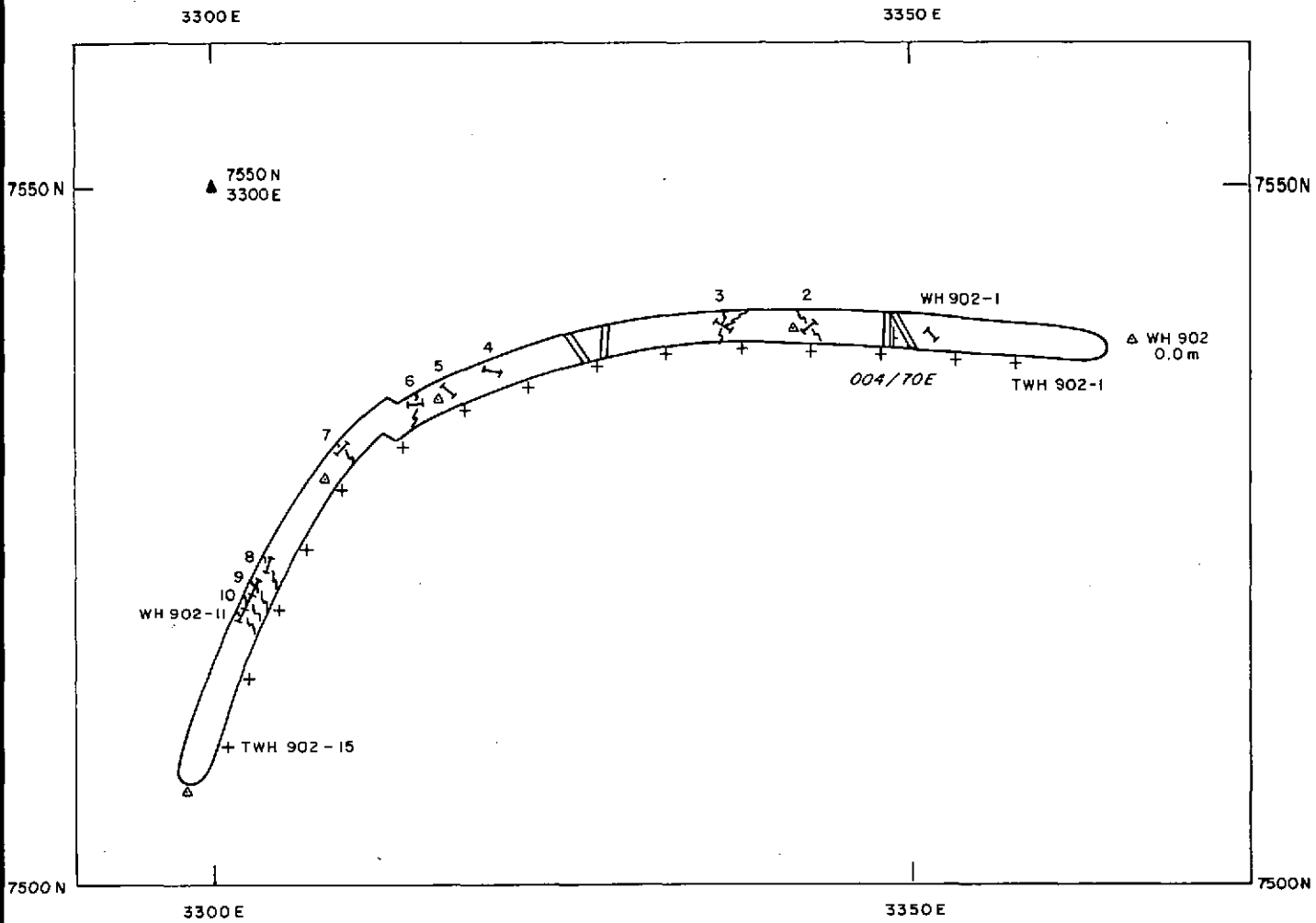
6.2 RESULTS (Figures 2, 5 and 6)

Trench sample locations are shown on Figures 5 and 6 and results are listed in Table 3. Test pit locations are plotted on Figure 2.

The trench and test pit soil samples returned only one value of significance, 67 ppb Au from TWH 901-3C. This sample is from near the surface of overburden consisting of sandy to clayey till. Underlying samples 3A and 3B had low gold values. It appears that the gold in the sample has been transported from a source outside of the trench area.

Rock chip samples from the two trenches all had values of 0.001 oz/ton Au or less. Strongly clay altered shears, limonitic fractures and one narrow quartz vein were observed and sampled in the trenches. The geological setting is favourable for hosting gold-bearing quartz veins however the potential in the trench area appears to be poor based on geochemical results.

Trench WH 901 was dug south along line 3200E for 187 metres to test soil geochemical values of 79 and 156 ppb Au as well as two parallel linear depressions trending 105 degrees and two easterly trending VLF-EM conductors. Overburden ranged from one to 3.5 metres thick. The southern third of the trench was underlain by coarse feldspar porphyry of the Otter intrusions and the northern part was dominated by quartz monzonite of the Jurassic batholith. Two northeast striking porphyry dykes were exposed cutting the quartz monzonite. Several northeast trending, argillically altered shears were mapped, predominantly within the quartz monzonite. Clay material was locally rusty orange coloured but no pyrite or other sulphide minerals were seen. A 2 cm quartz vein was observed trending 065/38NW surrounded by a zone of weak argillic alteration at 6898N.



LEGEND

LITHOLOGY

UPPER CRETACEOUS

Felspar porphyry

JURASSIC

Equigranular granitic intrusive

Felsic dyke-medium grained to pegmatitic

SYMBOLS

- Shear zone
- Quartz vein
- Contact strike and dip
- Continuous chip rock sample
- Trench soil sample
- Surveyed grid soil station
- Trench survey station

Note: See Figure 2 for trench location.
See text for sample results.

FAIRFIELD MINERALS LTD.

WH PROPERTY

TRENCH WH 902 GEOLOGY

SIMILKAMEEN MINING DIVISION
NTS: 92H/9E, 16E

Scale = 1:500



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VANCOUVER, B.C. V6E 2E9

Trench WH 902 was dug west and south along a road ditch for 82 metres to test an area of siliceous altered granitic float with a nearby soil anomaly of 70 ppb Au. Overburden was less than one metre thick. Bedrock consisted of biotite-rich granodiorite cut by a few narrow, north trending quartz monzonite dykes. Rocks were fresh except for narrow zones of weak argillic alteration along several 2 cm. north to northwest trending shears. Minor pyrite was observed disseminated in the granodiorite. No quartz veins were seen.

7.0

PERSONNEL

	<u>Days Worked - 1990:</u>	
J.D.Rowe, Geologist North Vancouver, BC	Jul 8,12, Aug 4,5, Sep 5, Oct 1.	6 days trenching, sampling & prospecting 6 days report preparation
B.Knight, Geologist Sydney, Australia	Oct 1-16, 20, 21	18 days trench sampling/ mapping
J.R.Cormier, Geologist North Vancouver, BC	Jun 16-20, 24, Sep 7	7 days soil sampling
E.A.Balon, Prospector North Vancouver, BC	Jun 15-19, Jul 8, Aug 4,5, Sep 5,11, Oct 1	11 days trenching, sampling, & prospecting.
J. Northrup, Sampler Powell River, BC	Jun 18, Oct 6-16	1 day soil sampling 10 days trench sampling.
M.Steiner, Sampler Coquitlam, BC	Jun 15-20, 24	7 days soil sampling
M.Lazaroff, Sampler North Vancouver, BC	Jun 15-20, 24	7 days soil sampling
M.Clarke, Sampler Vancouver, BC	Jun 15-20, 24	7 days soil sampling
S.Crawford, Sampler North Vancouver, BC	Jun 15-20, Sep 7 Oct 1-5	7 days soil sampling 5 days trench sampling
C.Ouellette, Sampler Mahone Bay, Nova Scotia	Jun 19, 20, 24	3 days soil sampling
Wiltech Developments Kelowna, BC	Excavator Sep 29-Oct 1, 29	3 days excavating 1 day reclamation

8.0

STATEMENT OF EXPENDITURES

W H PROPERTY

PROFESSIONAL, TECHNICAL & GEOLOGICAL SERVICES	20,050.00
SALARIES	5,855.00
BENEFITS	683.96
GEOCHEMICAL ANALYSIS	10,991.74
TRENCHING	4,575.00
TRUCK RENTAL	1,877.73
EQUIPMENT & STORAGE RENTAL	209.02
RADIO RENT & LICENCES	58.30
OFFICE SUPPLIES, PRINTING, PHOTOGRAPHS	141.36
TELEPHONE & POSTAGE	224.25
FREIGHT & EXPRESS	345.59
LIABILITY INSURANCE	323.13
TRAVEL & ACCOMMODATION	2,359.72
CAMP SUPPLIES	945.52
VEHICLES (GASOLINE)	<u>131.60</u>
	\$48,771.92
LESS EXPENDITURES APPLIED SEPTEMBER 4, 1990	<u>10,612.00</u>
EXPENDITURES APPLIED JANUARY, 1991	<u>\$38,159.92</u>

9.0

R E F E R E N C E S

- 1989: DESCHENES, M., LETIENT, H. and PEASE, R.:
Property and Assessment Report for the 1989 Work Program on the WH
Property. BC Assessment Report.
- 1984: KRUECKL, G.P.:
Report on the Disko 2 & 3 Claims for De La Mothe Exploration Services.
Private Report.
- 1986: LIVGARD, E.:
Report on the Kathleen Mountain Mineral Property for Transglobe
Resources Ltd. Private Report.
- 1947: RICE, H.M.A.:
Geol. Surv. of Canada Memoir 243, Geology and Mineral Deposits of
Princeton Map-Area, British Columbia
- 1989: ROWE, J.D.:
1988 Geochemical Report on the WH #1-4 Mineral Claims, BC Assessment
Report.
- 1984: ASSESSMENT REPORT 12790:
Thomas, P.
Geological Report on Disko 2 & Disko 3, Kathleen Mountain.
- 1985: ASSESSMENT REPORT 14556:
Weymark, W.J.
Diamond Drilling Assessment Report: Kathleen Mineral Claims Group.

10.0

STATEMENT OF QUALIFICATIONS

I, Jeffrey D. Rowe, of North Vancouver, British Columbia hereby certify that:

1. I am a geologist residing at 2596 carnation street, and employed by Cordilleran Engineering Ltd, of 1980 - 1055 West Hastings Street, Vancouver, British Columbia V6E 2E9.
2. I have received a B.Sc. degree in Honours Geology from the University of British Columbia, Vancouver, B.C. in 1975.
3. I have practiced my profession for seventeen years in British Columbia, Yukon and Quebec.
4. I am the author of this report and supervisor of the field work conducted on the WH claims during the period June 15 to October 29, 1990.

CORDILLERAN ENGINEERING LTD.



Jeffrey D. Rowe, B.Sc.,
Geologist

JDR/z
January, 1990
Vancouver, B.C.

11.0

ANALYTICAL RESULTS

ACME ANALYTICAL LABORATORIES LTD.:
852 E. Hastings St
Vancouver, BC V6A 1R6

ECO-TECH LABORATORIES LTD
10041 East Trans Canada Hwy
Kamloops, BC V2C 2J3

Report No:

90-1901 (506 soils: Au ppb)
90-2070 (711 soils: Au ppb)
90-2072 (16 rocks: Au ppb)
90-3181 (47 soils: Au ppb)

Report No:

ETK 90-411 (49 soils: Au ppb)

90-3916* (670 soil pulps: Au ppb)

*WH Project Assay Lab Number Grid Coordinate Reference (3 pgs)

90-4421 (117 soils: Au ppb)
90-4593 (3 soils: Au ppb)
90-5297 (16 rocks: Au ppb)

90-5297 (2 rocks: Au oz/ton)

90-5297 (1 rock: 30 element ICP)

90-5299 (43 soils: Au ppb)
90-5362 (73 soils: Au ppb)
90-5363 (25 rocks: Au ppb)
90-5432 (11 rocks: Au ppb)

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

DATE RECEIVED: JUN 20 1990

DATE REPORT MAILED: JUN 27 1990

June 27/90

GEOCHEMICAL ANALYSIS CERTIFICATE

Cordilleran Engineering Ltd. PROJECT WH #1 FILE # 90-1901 Page 1
1980 - 1055 W. Hastings St., Vancouver BC V6E 2E9 Attn: JOHN CORMIER

SAMPLE#	AU* ppb
1400E 7650N	5
1400E 7600N	2
1400E 7550N	3
1400E 7500N	1
1400E 7450N	1
1400E 7400N	3
1400E 7350N	1
1400E 7300N	1
1400E 7250N	1
1450E 7650N	1
1450E 7600N	2
1450E 7550N	4
1450E 7500N	2
1450E 7450N	1
1450E 7400N	1
1450E 7350N	1
1450E 7300N	1
1450E 7250N	1
1500E 7303N	1
1550E 7650N	2
1550E 7600N	1
1550E 7550N	2
1550E 7500N	3
1550E 7450N	1
1550E 7400N	1
1550E 7350N	1
1550E 7250N	3
1550E 7200N	2
1550E 7150N	1
1550E 7100N	2
1550E 7050N	1
1550E 7000N	1
1650E 7650N	1
1650E 7600N	1
1650E 7550N	3
1650E 7500N	1
STANDARD AU-S	52

- SAMPLE TYPE: Soil -80 Mesh AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

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

SAMPLE#	AU* ppb
1650E 7450N	7
1650E 7400N	2
1650E 7350N	3
1650E 7300N	1
1650E 7250N	1
1650E 7200N	1
1650E 7150N	1
1650E 7100N	2
1650E 7050N	3
1650E 7000N	1
1740E 7650N	1
1740E 7600N	1
1740E 7550N	1
1740E 7500N	2
1740E 7450N	1
1740E 7400N	2
1740E 7350N	1
1740E 7300N	2
1740E 7250N	1
1740E 7200N	1
1740E 7150N	1
1740E 7100N	1
1740E 7050N	1
1740E 7000N	1
1810E 7650N	1
1810E 7600N	4
1810E 7550N	1
1810E 7500N	1
1810E 7450N	1
1810E 7400N	2
1810E 7300N	1
1810E 7250N	2
1810E 7200N	3
1810E 7150N	1
1810E 7100N	1
1810E 7050N	2
STANDARD AU-S	46

SAMPLE#	AU* ppb
1810E 7000N	1
1810E 6950N	1
1810E 6900N	1
1860E 7650N	2
1860E 7600N	1
1860E 7550N	1
1860E 7500N	2
1860E 7450N	1
1860E 7400N	2
1860E 7350N	2
1860E 7300N	1
1860E 7250N	1
1860E 7200N	1
1860E 7100N	1
1860E 7000N	2
1860E 6950N	2
1860E 6900N	3
1950E 7650N	1
1950E 7600N	1
1950E 7550N	1
1950E 7500N	1
1950E 7450N	1
1950E 7400N	6
1950E 7350N	1
1950E 7300N	1
1950E 7250N	6
1950E 7200N	2
1950E 7150N	3
1950E 7050N	2
1950E 7000N	1
1950E 6900N	1
1990E 7650N	1
1990E 7600N	2
1990E 7550N	3
1990E 7500N	3
1990E 7450N	3
STANDARD AU-S	45

SAMPLE#	AU* ppb
1990E 7400N	4
1990E 7350N	3
1990E 7300N	2
1990E 7250N	4
1990E 7200N	5
1990E 7150N	2
1990E 7100N	2
1990E 7050N	4
1990E 6900N	9
2060E 7650N	2
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2060E 7350N	66
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2060E 7200N	1
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2150E 7550N	1
2150E 7500N	3
2150E 7450N	1
2150E 7350N	1
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2150E 7150N	1
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2200E 7600N	1
2200E 7550N	4
2200E 7500N	8
2200E 7450N	4
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2200E 7200N	2
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2200E 7100N	1
STANDARD AU-S	49

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2350E 7600N	7
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2350E 7450N	5
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2350E 7350N	1
2350E 7300N	1
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2390E 7550N	4
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2390E 7450N	1
2390E 7400N	3
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2390E 7200N	4
2450E 7400N	11
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2450E 7250N	3
2450E 7200N	6
STANDARD AU-S	52

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2550E 7300N	1
2550E 7250N	1
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2620E 7400N	2
2620E 7350N	1
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2620E 7150N	1
2620E 7100N	3
2620E 7050N	1
2620E 7000N	1
2620E 6950N	2
2660E 7350N	2
2660E 7300N	2
2660E 7250N	1
2660E 7200N	2
2660E 7150N	1
2660E 7100N	2
2660E 7050N	1
2660E 7000N	1
2660E 6950N	1
2740E 7400N	2
2740E 7350N	1
2740E 7300N	14
2740E 7200N	1
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2740E 7050N	1
2740E 7000N	2
2790E 7400N	5
2790E 7350N	2
2790E 7250N	2
2790E 7200N	2
2790E 7150N	1
STANDARD AU-S	45

SAMPLE#	AU* ppb
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2820E 7150N	3
2820E 7100N	1
2820E 7050N	230
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2860E 7250N	5
2860E 7200N	5
2860E 7150N	7
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2860E 7050N	2
2860E 7000N	1
2940E 7300N	3
2940E 7250N	1
2940E 7200N	6
2940E 7150N	2
2940E 7100N	1
2940E 7050N	1
2940E 7000N	4
3010E 7400N	1
3010E 7350N	5
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3010E 7250N	1
3010E 7200N	8
3010E 7150N	1
3010E 7100N	1
3010E 7050N	1
3010E 7000N	2
3010E 6950N	1
3010E 6900N	3
3010E 6850N	5
STANDARD AU-S	45

SAMPLE#	AU* ppb
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3010E 6700N	8
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3010E 6600N	2
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3060E 7350N	4
3060E 7300N	3
3060E 7250N	2
3060E 7200N	3
3060E 7150N	2
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3060E 7050N	3
3060E 7000N	4
3060E 6950N	3
3060E 6900N	2
3060E 6850N	2
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3060E 6750N	4
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3060E 6600N	1
3060E 6550N	1
3150E 7400N	1
3150E 7350N	1
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3150E 7250N	4
3150E 7200N	2
3150E 7150N	4
3150E 7100N	1
3150E 7050N	1
3150E 7000N	1
3150E 6950N	1
3150E 6900N	1
3150E 6850N	1
STANDARD AU-S	51

SAMPLE#	AU* ppb
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3150E 6700N	1
3150E 6650N	2
3150E 6600N	1
3150E 6550N	1
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3200E 7550N	2
3200E 7500N	3
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3200E 7350N	4
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3200E 7150N	1
3200E 7100N	2
3200E 7050N	2
3200E 7000N	23
3200E 6950N	5
3200E 6900N	79
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3200E 6800N	3
3200E 6750N	4
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3200E 6550N	2
3200E 6500N	6
3220E 6400N	5
3220E 6350N	6
3220E 6300N	3
3250E 7600N	1
3250E 7550N	3
3250E 7500N	6
3250E 7450N	1
STANDARD AU-S	46

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3250E 7150N	6
3250E 7100N	3
3250E 7050N	6
3250E 7000N	1
3250E 6950N	4
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3250E 6750N	1
3250E 6700N	3
3250E 6650N	7
3250E 6600N	5
3250E 6550N	4
3250E 6500N	2
3260E 6400N	2
3260E 6350N	6
3260E 6300N	5
3340E 7600N	1
3340E 7550N	4
3340E 7500N	1
3340E 7450N	1
3340E 7400N	6
3340E 7350N	2
3340E 7300N	1
3340E 7250N	3
3340E 7200N	5
3340E 7150N	2
3340E 7100N	3
3340E 7050N	5
3340E 7000N	1
3340E 6950N	3
STANDARD AU-S	46

SAMPLE#	AU* ppb
3340E 6900N	2
3340E 6850N	42
3340E 6800N	7
3340E 6750N	3
3340E 6700N	2
3340E 6650N	1
3340E 6600N	3
3340E 6550N	4
3340E 6500N	3
3340E 6400N	3
3340E 6350N	4
3340E 6300N	5
3380E 6400N	3
3380E 6350N	5
3380E 6300N	5
3390E 7600N	3
3390E 7550N	6
3390E 7500N	2
3390E 7450N	7
3390E 7400N	2
3390E 7350N	7
3390E 7300N	4
3390E 7250N	16
3390E 7200N	1
3390E 7150N	6
3390E 7100N	5
3390E 7050N	4
3390E 7000N	2
3390E 6950N	9
3390E 6900N	3
3390E 6850N	1
3390E 6800N	1
3390E 6750N	8
3390E 6650N	5
3390E 6600N	3
3390E 6550N	4
3390E 6500N	2
STANDARD AU-S	45

SAMPLE#	AU* ppb
3600E 6800N	8
3600E 6750N	2
3600E 6700N	1
3600E 6650N	1
3600E 6600N	8
3600E 6550N	1
3600E 6500N	7
3600E 6450N	1
3600E 6400N	1
3600E 6350N	2
3600E 6300N	3
3600E 6250N	6
3600E 6200N	4
3600E 6150N	1
3600E 6100N	7
3600E 6050N	3
3600E 6000N	15
3610E 7550N	3
3610E 7500N	1
3610E 7450N	11
3610E 7400N	3
3610E 7350N	4
3610E 7300N	9
3610E 7250N	5
3610E 7200N	13
3610E 7150N	5
3610E 7100N	14
3650E 6800N	1
3650E 6750N	10
3650E 6700N	1
3650E 6650N	3
3650E 6600N	4
3650E 6550N	8
3650E 6500N	5
3650E 6450N	3
3650E 6400N	3
STANDARD AU-S	55

SAMPLE#	AU* ppb
3650E 6350N	1
3650E 6300N	1
3650E 6250N	1
3650E 6200N	1
3650E 6150N	4
3650E 6100N	1
3650E 6050N	1
3650E 6000N	3
3660E 7550N	1
3660E 7500N	2
3660E 7450N	1
3660E 7400N	1
3660E 7350N	1
3660E 7300N	4
3660E 7250N	1
3660E 7200N	5
3660E 7150N	2
3660E 7100N	2
3740E 7550N	5
3740E 7500N	1
3740E 7450N	5
3740E 7400N	3
3740E 7350N	3
3740E 7300N	4
3740E 7250N	2
3740E 7200N	3
3740E 7150N	1
3740E 7100N	4
3740E 7050N	1
3740E 7000N	1
3740E 6950N	3
3740E 6900N	2
3790E 7550N	1
3790E 7500N	2
3790E 7450N	4
3790E 7400N	3
STANDARD AU-S	45

SAMPLE#	AU* ppb
3790E 7350N	5
3790E 7300N	2
3790E 7250N	5
3790E 7200N	1
3790E 7150N	1
3790E 7100N	1
3790E 7050N	1
3790E 7000N	3
3790E 6950N	1
3790E 6900N	3
3850E 6800N	3
3850E 6750N	2
3850E 6700N	1
3850E 6650N	2
3850E 6600N	2
3850E 6550N	3
3850E 6500N	1
3850E 6450N	2
3850E 6400N	2
3850E 6350N	2
3850E 6300N	1
3850E 6250N	1
3850E 6200N	1
3850E 6150N	3
3850E 6100N	1
3850E 6050N	5
3850E 6000N	2
3950E 7050N	2
3950E 7000N	2
3950E 6950N	2
3950E 6900N	3
4000E 7100N	3
4000E 7050N	1
4000E 7000N	1
4000E 6950N	1
4000E 6900N	1
STANDARD AU-S	52

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GEOCHEMICAL ANALYSIS CERTIFICATE

Cordilleran Engineering Ltd. PROJECT WH^{#2} PROJECT FILE # 90-2070 Page 1
 1980 - 1055 W. Hastings St., Vancouver BC V6E 2E9

SAMPLE#	AU* ppb
1200E 5950N	2
1200E 5900N	4
1200E 5850N	1
1200E 5800N	3
1200E 5750N	4
1200E 5000N	2
1200E 4900N	1
1200E 4850N	2
1200E 4800N	3
1200E 4750N	3
1200E 4700N	5
1200E 4650N	1
1200E 4600N	2
1200E 4550N	1
1250E 5950N	2
1250E 5900N	1
1250E 5850N	1
1250E 5800N	2
1250E 5750N	43
1350E 5950N	2
1350E 5900N	4
1350E 5850N	1
1350E 5800N	3
1350E 5750N	3
1400E 6750N	3
1400E 6700N	1
1400E 6650N	1
1400E 6600N	2
1400E 6550N	1
1400E 6500N	1
1400E 5950N	1
1400E 5900N	7
1400E 5850N	3
1400E 5800N	1
1400E 5750N	1
1400E 5000N	1
STANDARD AU-S	48

- SAMPLE TYPE: Soil -80 Mesh AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

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

SAMPLE#	AU* ppb
1400E 4950N	1
1400E 4900N	2
1400E 4850N	1
1400E 4800N	3
1400E 4750N	26
1400E 4700N	4
1400E 4650N	70
1400E 4600N	3
1400E 4500N	4
1400E 4450N	1
1400E 4400N	6
1400E 4350N	4
1400E 4300N	1
1400E 4250N	1
1400E 4200N	1
1400E 4150N	1
1400E 4100N	2
1400E 4050N	74
1400E 4000N	4
1400E 3950N	1
1400E 3900N	3
1400E 3850N	5
1400E 3800N	1
1400E 3750N	1
1400E 3700N	1
1400E 3650N	1
1400E 3550N	1
1400E 3500N	2
1400E 3450N	1
1400E 3400N	1
1400E 3350N	1
1400E 3300N	1
1400E 3250N	2
1400E 3200N	1
1400E 3150N	1
1400E 3100N	3
STANDARD AU-S	51

SAMPLE#	AU* ppb
1400E 3050N	1
1400E 3000N	1
1400E 2950N	1
1400E 2900N	3
1400E 2850N	1
1400E 2800N	1
1400E 2750N	4
1400E 2700N	1
1400E 2650N	3
1400E 2600N	5
1450E 6750N	1
1450E 6700N	3
1450E 6650N	1
1450E 6600N	1
1450E 6550N	2
1450E 6500N	3
1600E 6700N	2
1600E 6650N	1
1600E 6600N	1
1600E 6550N	1
1600E 6500N	2
1600E 6450N	160
1600E 6400N	22
1600E 6350N	1
1600E 6300N	2
1600E 4850N	3
1600E 4800N	7
1600E 4750N	10
1600E 4700N	3
1600E 4650N	1
1600E 4600N	3
1600E 4550N	1
1600E 4500N	11
1600E 4450N	1
1600E 4400N	5
1600E 4350N	3
STANDARD AU-S	46

SAMPLE#	AU* ppb
1600E 4300N	1
1600E 4250N	4
1600E 4200N	3
1600E 4100N	1
1600E 4050N	1
1600E 4000N	45
1600E 3950N	2
1600E 3900N	2
1600E 3850N	4
1600E 3800N	13
1600E 3750N	3
1600E 3700N	3
1600E 3650N	2
1600E 3600N	5
1600E 3550N	23
1600E 3500N	1
1600E 3450N	3
1600E 3400N	4
1600E 3350N	1
1600E 3300N	1
1600E 3250N	3
1600E 3200N	5
1600E 3150N	1
1600E 3100N	4
1600E 3050N	5
1600E 3000N	3
1600E 2950N	1
1600E 2900N	1
1600E 2850N	1
1600E 2800N	1
1600E 2750N	1
1600E 2700N	13
1600E 2650N	1
1600E 2600N	4
1600E 2550N	2
STANDARD AU-S	54

SAMPLE#	AU* ppb
1650E 6700N	6
1650E 6650N	3
1650E 6600N	3
1650E 6550N	1
1650E 6500N	1
1650E 6450N	2
1650E 6400N	1
1650E 6350N	1
1650E 6300N	1
1740E 6700N	1
1740E 6650N	1
1740E 6600N	1
1740E 6550N	2
1740E 6500N	2
1740E 6450N	1
1740E 6400N	6
1740E 6350N	1
1740E 6300N	4
1780E 6700N	2
1780E 6650N	1
1780E 6600N	2
1780E 6550N	3
1780E 6500N	3
1780E 6450N	1
1780E 6400N	1
1780E 6350N	1
1780E 6300N	1
1800E 6650N	2
1800E 6600N	3
1800E 6550N	1
1800E 6500N	1
1800E 6450N	1
1800E 6400N	1
1800E 6350N	1
1800E 6300N	2
1800E 6250N	2
STANDARD AU-S	48

SAMPLE#	AU* ppb
1800E 6200N	24
1800E 6150N	3
1800E 5000N	1
1800E 4950N	2
1800E 4850N	1
1800E 4800N	14
1800E 4750N	1
1800E 4700N	2
1800E 4650N	2
1800E 4600N	1
1800E 4550N	1
1800E 4500N	4
1800E 4450N	1
1800E 4400N	4
1800E 4350N	1
1800E 4300N	4
1800E 4250N	37
1800E 4150N	2
1800E 4100N	2
1850E 6700N	1
1850E 6650N	2
1850E 6600N	1
1850E 6550N	2
1850E 6500N	6
1850E 6450N	1
1850E 6350N	2
1850E 6300N	4
1850E 6250N	3
1850E 6200N	2
1850E 6150N	4
1950E 6700N	3
1950E 6650N	2
1950E 6600N	19
1950E 6550N	25
1950E 6500N	6
STANDARD AU-S	47

SAMPLE#	AU* ppb
1950E 6450N	2
1950E 6400N	152
1950E 6350N	7
1950E 6300N	5
1950E 6250N	3
1950E 6200N	3
1950E 6150N	3
2000E 5900N	1
2000E 5850N	3
2000E 5800N	1
2000E 5000N	3
2000E 4950N	3
2000E 4900N	3
2000E 4850N	2
2000E 4800N	3
2000E 4750N	3
2000E 4700N	5
2000E 4650N	4
2000E 4600N	9
2000E 4550N	2
2000E 4500N	4
2000E 4450N	3
2000E 4400N	8
2000E 4350N	2
2000E 4300N	3
2000E 4250N	1
2000E 4200N	3
2000E 4150N	4
2000E 4100N	6
2000E 4050N	4
2000E 4000N	1
2000E 3900N	4
2000E 3850N	1
2000E 3800N	1
2000E 3750N	4
2000E 3700N	19
STANDARD C AU-S	48

SAMPLE#	AU* ppb
2000E 3650N	1
2000E 3600N	1
2000E 3550N	1
2000E 3500N	2
2000E 3450N	2
2000E 3400N	4
2000E 3300N	1
2000E 3250N	2
2000E 3200N	2
2000E 3150N	3
2000E 3100N	2
2000E 3050N	3
2000E 3000N	2
2000E 2950N	1
2000E 2900N	2
2000E 2850N	2
2000E 2800N	2
2000E 2750N	1
2000E 2700N	4
2000E 2650N	21
2000E 2500N	1
2050E 6700N	11
2050E 6650N	3
2050E 6600N	4
2050E 6550N	2
2050E 6500N	3
2050E 6450N	4
2050E 6400N	1
2050E 6350N	2
2050E 6300N	1
2050E 6250N	4
2050E 6200N	3
2050E 6150N	2
2050E 6100N	3
2050E 6050N	3
2050E 6000N	5
STANDARD AU-S	52

SAMPLE#	AU* ppb
2050E 5950N	9
2050E 5900N	11
2050E 5850N	1
2050E 5800N	7
2050E 5750N	1
2050E 5700N	2
2150E 6700N	2
2150E 6650N	4
2150E 6550N	88
2150E 6500N	5
2150E 6450N	1
2150E 6400N	1
2150E 6350N	1
2150E 6300N	1
2150E 6250N	1
2150E 6200N	1
2150E 6150N	1
2150E 6100N	1
2150E 6050N	1
2150E 6000N	3
2150E 5950N	1
2150E 5900N	3
2150E 5850N	1
2150E 5800N	1
2150E 5750N	2
2150E 5700N	3
2200E 7050N	1
2200E 7000N	1
2200E 6950N	1
2200E 6900N	2
2200E 6850N	3
2200E 6800N	1
2200E 6700N	2
2200E 6650N	1
2200E 6600N	1
2200E 6550N	1
STANDARD AU-S	53

SAMPLE#	AU* ppb
2200E 6500N	4
2200E 6450N	5
2200E 6400N	3
2200E 6350N	5
2200E 6300N	3
2200E 6250N	4
2200E 6200N	5
2200E 6150N	6
2200E 6100N	2
2200E 6050N	4
2200E 6000N	9
2200E 5950N	5
2200E 5900N	148
2200E 5850N	6
2200E 5800N	4
2200E 5750N	4
2200E 5700N	2
2200E 5000N	1
2200E 4950N	4
2200E 4900N	3
2200E 4850N	3
2200E 4800N	1
2200E 4750N	2
2200E 4700N	4
2200E 4650N	1
2200E 4600N	7
2200E 4550N	2
2200E 4500N	1
2200E 4450N	3
2200E 4400N	3
2200E 4350N	26
2200E 4300N	4
2200E 4250N	1
2200E 4200N	3
2200E 4150N	4
2200E 4050N	6
STANDARD AU-S	52

SAMPLE#	AU* ppb
2200E 4000N	4
2200E 3950N	2
2200E 3900N	8
2200E 3850N	4
2200E 3800N	6
2200E 3650N	1
2200E 3600N	4
2200E 3550N	5
2200E 3450N	4
2200E 3400N	4
2200E 3350N	8
2200E 3300N	1
2200E 3250N	5
2200E 3150N	5
2200E 3100N	4
2200E 3050N	1
2200E 3000N	5
2200E 2900N	5
2200E 2850N	5
2200E 2800N	5
2200E 2750N	1
2200E 2700N	1
2250E 7050N	4
2250E 7000N	1
2250E 6950N	2
2250E 6900N	4
2250E 6850N	4
2250E 6800N	1
2250E 6750N	2
2250E 6700N	3
2250E 6650N	5
2250E 6600N	4
2250E 6550N	2
2250E 6500N	4
2250E 6450N	2
2250E 6400N	1
STANDARD AU-S	54

SAMPLE#	AU* ppb
2250E 6350N	12
2250E 6300N	3
2250E 6250N	1
2250E 6200N	9
2250E 6150N	1
2250E 6100N	3
2250E 6050N	1
2250E 6000N	1
2250E 5950N	4
2300E 7540N	1
2300E 6043N	1
2350E 7050N	3
2350E 7000N	1
2350E 6950N	2
2350E 6900N	1
2350E 6850N	1
2350E 6800N	1
2350E 6750N	1
2350E 6700N	1
2350E 6650N	3
2350E 6600N	4
2350E 6550N	1
2350E 6500N	1
2350E 6450N	1
2350E 6400N	1
2350E 6350N	2
2350E 6300N	3
2350E 6250N	1
2350E 6200N	1
2350E 6150N	2
2350E 6100N	2
2350E 6050N	2
2350E 6000N	1
2350E 5950N	2
2400E 7050N	1
2400E 7000N	2
STANDARD AU-S	47

SAMPLE#	AU* ppb
2400E 6950N	9
2400E 6900N	2
2400E 6850N	2
2400E 6800N	1
2400E 6750N	4
2400E 6700N	2
2400E 6650N	3
2400E 6600N	4
2400E 6550N	2
2400E 6500N	1
2400E 6450N	4
2400E 6400N	3
2400E 6350N	4
2400E 6300N	1
2400E 6250N	2
2400E 6200N	4
2400E 6150N	2
2400E 6100N	3
2400E 6050N	4
2400E 6000N	2
2400E 5950N	1
2400E 5800N	1
2400E 5750N	5
2400E 5700N	2
2400E 5650N	2
2400E 5600N	1
2400E 5000N	3
2400E 4950N	1
2400E 4900N	2
2400E 4850N	3
2400E 4800N	5
2400E 4750N	6
2400E 4700N	5
2400E 4650N	11
2400E 4600N	4
2400E 4550N	5
STANDARD AU-S	51

SAMPLE#	AU* ppb
2400E 4450N	5
2400E 4350N	1
2400E 4300N	4
2400E 4250N	3
2400E 4200N	4
2400E 4150N	6
2400E 4100N	2
2400E 4050N	2
2400E 3900N	2
2400E 3850N	4
2400E 3800N	5
2400E 3750N	1
2400E 3700N	1
2400E 3650N	3
2400E 3600N	4
2400E 3550N	1
2400E 3500N	2
2400E 3450N	2
2400E 3400N	1
2400E 3350N	4
2400E 3300N	2
2400E 3250N	3
2400E 3200N	1
2400E 3150N	5
2400E 3100N	1
2400E 3050N	3
2400E 3000N	2
2400E 2800N	2
2400E 2650N	7
2400E 2600N	1
2400E 2500N	3
2450E 5800N	2
2450E 5750N	1
2450E 5700N	1
2450E 5650N	1
2450E 5600N	4
STANDARD AU-S	51

SAMPLE#	AU* ppb
2600E 5800N	2
2600E 5750N	10
2600E 5700N	6
2600E 5650N	4
2600E 5600N	2
2600E 5550N	3
2600E 5500N	81
2600E 5450N	5
2600E 5400N	1
2600E 5350N	1
2600E 5300N	1
2600E 5250N	1
2600E 5200N	1
2600E 5150N	1
2600E 5100N	1
2600E 3000N	4
2600E 2950N	1
2600E 2900N	1
2600E 2850N	1
2600E 2800N	1
2650E 5800N	8
2650E 5750N	2
2650E 5700N	3
2650E 5650N	1
2650E 5600N	1
2650E 5550N	1
2650E 5500N	1
2650E 5450N	1
2650E 5400N	3
2650E 5350N	1
2650E 5300N	5
2650E 5250N	1
2650E 5150N	2
2650E 5100N	1
2650E 3000N	17
2650E 2950N	4
STANDARD AU-S	52

SAMPLE#	AU* ppb
2650E 2900N	6
2650E 2850N	5
2650E 2800N	1
2750E 5450N	4
2750E 5400N	2
2750E 5350N	4
2750E 5300N	2
2750E 5250N	3
2750E 5200N	2
2750E 5150N	3
2750E 5100N	2
2750E 5050N	4
2750E 3000N	5
2750E 2950N	2
2750E 2900N	4
2750E 2850N	2
2750E 2800N	2
2790E 5400N	2
2790E 5350N	3
2790E 5300N	1
2790E 5250N	3
2790E 5200N	2
2790E 5150N	1
2790E 5100N	1
2790E 5050N	5
2800E 5400N	2
2800E 5350N	4
2800E 5300N	2
2800E 5250N	3
2800E 5200N	1
2800E 5150N	2
2800E 5100N	2
2800E 5050N	1
2800E 5000N	2
2800E 3600N	3
2800E 3550N	2
STANDARD AU-S	47

SAMPLE#	AU* ppb
2800E 3500N	16
2800E 3450N	3
2800E 3400N	4
2800E 3150N	3
2800E 3100N	4
2800E 3050N	1
2800E 3000N	3
2800E 2950N	6
2800E 2900N	2
2800E 2850N	2
2800E 2800N	1
2850E 5400N	1
2850E 5350N	4
2850E 5300N	8
2850E 5250N	2
2850E 5200N	2
2850E 5150N	9
2850E 5100N	4
2850E 5050N	5
2850E 5000N	5
2850E 3600N	4
2850E 3550N	2
2850E 3500N	3
2850E 3450N	1
2850E 3400N	4
2850E 3150N	3
2850E 3100N	1
2850E 3050N	6
2950E 3600N	1
2950E 3550N	4
2950E 3500N	3
2950E 3450N	1
2950E 3400N	3
2950E 3250N	3
2950E 3200N	1
2950E 3150N	2
STANDARD AU-S	51

SAMPLE#	AU* ppb
2950E 3100N	1
2950E 3050N	7
3000E 5400N	3
3000E 5350N	1
3000E 5300N	2
3000E 5250N	4
3000E 5200N	1
3000E 5150N	4
3000E 5100N	7
3000E 5050N	1
3000E 5000N	3
3000E 3600N	8
3000E 3550N	2
3000E 3500N	1
3000E 3450N	1
3000E 3250N	1
3000E 3200N	3
3000E 3150N	4
3000E 3100N	4
3000E 3050N	1
3050E 5400N	4
3050E 5350N	3
3050E 5300N	4
3050E 5250N	4
3050E 5200N	1
3050E 5150N	3
3050E 5100N	45
3050E 5050N	7
3050E 5000N	3
3150E 5400N	2
3150E 5350N	1
3150E 5300N	5
3150E 5250N	1
3150E 5200N	6
3150E 5150N	4
3150E 5100N	1
STANDARD AU-S	46

SAMPLE#	AU* ppb
3150E 5050N	2
3150E 5000N	23
3200E 5400N	7
3200E 5350N	70
3200E 5300N	2
3200E 5250N	1
3200E 5200N	1
3200E 5150N	14
3200E 5100N	6
3200E 5050N	1
3200E 5000N	1
3470E 7050N	2
3470E 7000N	1
3470E 6950N	2
3470E 6900N	1
3470E 6850N	1
3470E 6800N	1
3470E 6750N	3
3470E 6700N	3
3550E 7050N	3
3550E 7000N	4
3550E 6950N	1
3550E 6900N	3
3550E 6800N	3
3550E 6750N	1
3550E 6700N	1
3600E 7050N	3
3600E 7000N	2
3600E 6950N	1
3600E 6900N	1
3600E 6750N	1
3600E 6700N	1
3950E 6750N	1
3950E 6700N	6
3950E 6650N	1
3950E 6600N	3
STANDARD AU-S	55

SAMPLE#	AU* ppb
3950E 6550N	2
3950E 6500N	1
3950E 6450N	1
3950E 6400N	1
3950E 6350N	1
3950E 6300N	2
3950E 6250N	1
3950E 6200N	4
3950E 6150N	4
3950E 6100N	23
3950E 6050N	7
3950E 6000N	4
4000E 6800N	3
4000E 6750N	2
4000E 6700N	1
4000E 6650N	5
4000E 6600N	1
4000E 6550N	2
4000E 6500N	1
4000E 6450N	3
4000E 6400N	1
4000E 6350N	4
4000E 6300N	1
4000E 6250N	1
4000E 6200N	2
4000E 6150N	1
4000E 6100N	2
4000E 6050N	1
4000E 6000N	3
STANDARD AU-S	48

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

DATE RECEIVED: JUN 27 1990

DATE REPORT MAILED:

GEOCHEMICAL ANALYSIS CERTIFICATE

Cordilleran Engineering Ltd. PROJECT WH #2 FILE # 90-2072
1980 - 1055 W. Hastings St., Vancouver BC V6E 2E9 Attn: E.A. BALON

JUL 03 1990

SAMPLE#	AU* ppb
WH90-R1	5
WH90-R2	1
WH90-R3	2
WH90-R4	3
WH90-R5	3
WH90-R6	2
WH90-R7	5
WH90-R8	3
WH90-R9	6
WH90-R10	143
WH90-R11	6
WH90-R12	4
WH90-R13	3
WH90-R14	4
WH90-R15	1
D90-R1	90
STANDARD AU-R	520

- SAMPLE TYPE: Rock AU* ANALYSIS BY ACID LEACH/AA FROM 20 GM SAMPLE.

SIGNED BY. *June 30/90* D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

GEOCHEMICAL ANALYSIS CERTIFICATE

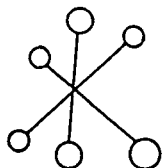
Cordilleran Engineering Ltd. PROJECT WH #3 FILE # 90-3181 Page 1
 1980 - 1055 W. Hastings St., Vancouver BC V6E 2E9 Attn: J. ROWE

SAMPLE#	AU* ppb
A 3200E 7100N	4
A 3200E 7050N	4
A 3200E 7000N	1
A 3200E 6950N	2
A 3200E 6900N	2
A 3200E 6850N	4
A 3200E 6800N	156
A 3200E 6750N	7
A 3200E 6700N	6
A 3200E 6650N	4
A 3200E 6600N	2
A 3250E 7100N	16
A 3250E 7050N	4
A 3250E 7000N	2
A 3250E 6950N	3
A 3250E 6900N	1
A 3250E 6850N	5
A 3250E 6800N	4
A 3250E 6750N	6
A 3250E 6700N	3
A 3250E 6650N	18
A 3250E 6600N	23
A 3300E 7100N	6
A 3300E 7050N	9
A 3300E 6950N	8
A 3300E 6900N	16
A 3300E 6850N	6
A 3300E 6800N	5
A 3300E 6750N	5
A 3300E 6700N	11
A 3300E 6650N	6
A 3300E 6600N	13
A 3340E 7100N	3
A 3340E 7050N	3
A 3340E 7000N	4
A 3340E 6950N	9
STANDARD AU-S	51

SAMPLE#	AU* ppb
A 3340E 6900N	1
A 3340E 6850N	2
A 3340E 6800N	7
A 3340E 6750N	1
A 3340E 6700N	2
A 3340E 6650N	1
A 3340E 6600N	1
A 3500E 6950N	1
A 3500E 6900N	1
A 3500E 6850N	6
A 3500E 6800N	1

- SAMPLE TYPE: Soil -80 Mesh AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

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



ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

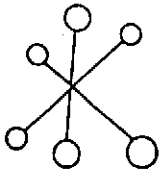
AUGUST 9, 1990

CERTIFICATE OF ANALYSIS ETK 90-411

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

SAMPLE IDENTIFICATION: 49 SOIL samples received AUGUST 7, 1990
----- PROJECT: WH

ET#	Description	AU (ppb)
411 - 1	A 3200 E 6600 N	15
411 - 2	A 3200 E 6650 N	10
411 - 3	A 3200 E 6700 N	15
411 - 4	A 3200 E 6750 N	20
411 - 5	A 3200 E 6800 N	10
411 - 6	A 3200 E 6850 N	5
411 - 7	A 3200 E 6900 N	5
411 - 8	A 3200 E 6950 N	10
411 - 9	A 3200 E 7000 N	15
411 - 10	A 3200 E 7050 N	15
411 - 11	A 3200 E 7100 N	10
411 - 12	A 3250 E 6600 N	10
411 - 13	A 3250 E 6650 N	5
411 - 14	A 3250 E 6700 N	5
411 - 15	A 3250 E 6750 N	15
411 - 16	A 3250 E 6800 N	10
411 - 17	A 3250 E 6850 N	10
411 - 18	A 3250 E 6900 N	5
411 - 19	A 3250 E 6950 N	10
411 - 20	A 3250 E 7000 N	5
411 - 21	A 3250 E 7050 N	10
411 - 22	A 3250 E 7100 N	10
411 - 23	A 3300 E 6600 N	10
411 - 24	A 3300 E 6650 N	10
411 - 25	A 3300 E 6700 N	15
411 - 26	A 3300 E 6750 N	5
411 - 27	A 3300 E 6800 N	5
411 - 28	A 3300 E 6850 N	5
411 - 29	A 3300 E 6900 N	5
411 - 30	A 3300 E 6950 N	5



ECO-TECH LABORATORIES LTD.

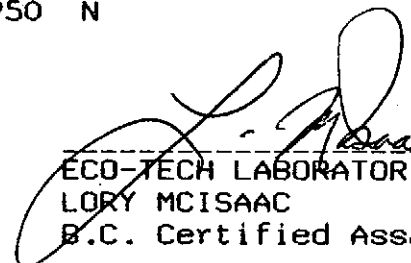
ASSAYING - ENVIRONMENTAL TESTING

10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

CORDILLERAN ENG. LTD.

AUGUST 9, 1990

ET#		Description				AU (ppb)			
411	-	31	A	3300	E	7000	N	A	5
411	-	32	A	3300	E	7000	N	B	5
411	-	33	A	3300	E	7050	N		5
411	-	34	A	3300	E	7100	N		5
411	-	35	A	3340	E	6600	N		10
411	-	36	A	3340	E	6650	N		5
411	-	37	A	3340	E	6700	N		5
411	-	38	A	3340	E	6750	N		5
411	-	39	A	3340	E	6800	N		5
411	-	40	A	3340	E	6850	N		10
411	-	41	A	3340	E	6900	N		5
411	-	42	A	3340	E	6950	N		5
411	-	43	A	3340	E	7000	N		5
411	-	44	A	3340	E	7050	N		5
411	-	45	A	3340	E	7100	N		5
411	-	46	A	3500	E	6800	N		5
411	-	47	A	3500	E	6850	N		15
411	-	48	A	3500	E	6900	N		15
411	-	49	A	3500	E	6950	N		10



ECO-TECH LABORATORIES LTD.
LORY MCISAAC
B.C. Certified Assayer

SC90/K3

GEOCHEMICAL ANALYSIS CERTIFICATE

Cordilleran Engineering Ltd. PROJECT WH FILE # 90-3916 Page 1
 1980 - 1055 W. Hastings S, Vancouver BC V6E 2E9

SAMPLE#	AU* ppb
890487-10	8
890487-11	1
890487-12	2
890487-13	1
890487-14	56
890487-15	6
890487-16	1
890487-17	1
890487-18	1
890487-19	1
890487-20	1
890487-56	1
890487-57	1
890487-58	1
890487-59	1
890487-116	1
890487-117	2
890487-118	2
890487-119	1
890487-120	2
890487-121	2
890487-122	1
890487-123	1
890487-124	1
890487-125	1
890487-126	3
890487-127	4
890487-128	2
890487-129	2
890487-130	4
890487-131	6
890487-132	1
890487-133	4
890487-134	1
890487-135	103
890487-136	3
STANDARD AU-S	46

NOTE:
 See "WH Project Assay
 Lab Number Grid
 Coordinate Reference"
 (3 pgs. following).

- SAMPLE TYPE: SOIL PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

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

SAMPLE#	AU* ppb
890487-168	3
890487-169	1
890487-170	1
890487-171	1
890487-172	2
890487-173	1
890487-174	5
890487-175	1
890487-176	4
890487-177	1
890487-178	6
890487-179	3
890487-180	3
890487-181	2
890487-182	1
890487-183	1
890487-184	2
890487-218	1
890487-219	1
890487-220	1
890487-221	1
890487-222	1
890487-223	1
890487-224	2
890487-225	1
890487-226	65
890487-227	1
890487-228	1
890487-229	2
890487-230	1
890487-231	5
890487-232	7
890487-233	6
890487-234	3
890487-235	5
890487-236	8
STANDARD AU-S	49

SAMPLE#	AU* ppb
890487-237	3
890487-238	1
890487-239	2
890487-288	7
890506-47	9
890506-48	1
890506-49	2
890506-50	2
890506-51	12
890506-52	1
890506-53	1
890506-54	2
890506-55	1
890506-56	2
890506-57	2
890506-58	1
890506-59	2
890506-60	3
890506-61	2
890506-62	1
890506-63	5
890506-64	1
890506-65	2
890506-66	1
890506-67	2
890506-68	7
890506-69	3
890506-70	1
890506-71	2
890506-72	1
890506-73	2
890506-74	5
890506-75	1
890506-76	2
890506-77	2
890506-78	2
STANDARD AU-S	48

SAMPLE#	AU* ppb
890506-79	2
890506-80	3
890506-81	1
890506-82	29
890506-83	4
890506-84	3
890506-85	2
890506-86	1
890506-87	3
890506-88	6
890506-89	5
890506-90	2
890506-91	1
890506-92	1
890506-93	3
890506-94	2
890506-95	2
890506-96	2
890506-97	1
890506-98	3
890506-99	2
890506-100	1
890506-101	3
890506-102	2
890506-103	3
890506-104	4
890506-105	6
890506-106	1
890506-107	2
890506-108	3
890506-109	2
890506-110	1
890506-111	3
890506-112	1
890506-113	2
890506-114	1
STANDARD AU-S	46

SAMPLE#	AU* ppb
890506-115	2
890506-116	1
890506-117	8
890506-118	20
890506-119	2
890506-120	1
890506-121	1
890506-122	1
890506-123	1
890506-124	1
890506-125	3
890506-126	3
890506-127	1
890506-128	1
890506-129	2
890506-130	2
890506-131	1
890506-132	1
890506-133	1
890506-134	1
890506-135	2
890506-136	2
890506-137	1
890506-138	1
890506-139	1
890506-140	1
890506-141	4
890506-142	2
890506-143	3
890506-144	3
890506-145	1
890506-146	2
890506-147	4
890506-148	1
890506-149	4
890506-150	1
STANDARD AU-S	49

SAMPLE#	AU* ppb
890506-151	3
890506-152	1
890506-153	4
890506-154	1
890506-155	1
890506-156	1
890506-157	1
890506-158	3
890506-159	1
890506-160	2
890506-161	1
890506-162	1
890506-163	2
890506-164	2
890506-165	1
890506-166	1
890506-167	1
890506-168	1
890506-169	2
890506-170	2
890506-171	1
890506-172	1
890506-173	3
890506-174	1
890506-175	1
890506-176	5
890506-177	1
890506-178	4
890506-179	1
890506-180	12
890506-181	1
890506-182	5
890506-183	1
890506-184	6
890506-185	1
890506-186	2
STANDARD AU-S	48

SAMPLE#	AU* ppb
890506-187	3
890506-188	1
890506-189	1
890506-190	2
890506-201	2
890506-202	2
890506-203	1
890506-204	15
890506-205	1
890506-206	1
890506-207	2
890506-208	2
890506-209	1
890506-210	1
890506-262	2
890506-263	3
890506-264	2
890506-265	2
890506-266	1
890506-267	5
890506-268	1
890506-269	1
890506-270	2
890506-271	4
890506-272	2
890506-273	1
890506-274	1
890506-275	1
890506-276	2
890506-277	1
890506-278	2
890506-279	1
890506-280	2
890506-281	2
890585-01	1
890585-02	5
STANDARD AU-S	47

SAMPLE#	AU* ppb
890585-03	4
890585-04	4
890585-05	1
890585-06	1
890585-07	105
890585-08	2
890585-09	1
890585-10	4
890585-11	1
890585-12	39
890585-13	1
890585-14	1
890585-15	1
890585-16	4
890585-17	6
890585-18	5
890585-19	2
890585-20	58
890585-21	1
890585-22	1
890585-23	3
890585-24	6
890585-25	1
890585-26	1
890585-27	1
890585-28	5
890585-29	5
890585-30	7
890585-31	3
890585-32	1
890585-33	2
890585-34	2
890585-35	4
890585-36	4
890585-37	2
890585-38	2
STANDARD AU-S	47

SAMPLE#	AU* ppb
890585-39	2
890585-40	1
890585-41	1
890585-42	1
890585-55	1
890585-56	1
890585-57	1
890585-58	2
890585-59	1
890585-60	1
890585-61	1
890585-62	1
890585-63	1
890585-64	1
890585-65	1
890585-66	2
890585-67	1
890585-68	20
890585-69	9
890585-70	2
890585-71	1
890585-72	2
890585-73	1
890585-74	2
890585-75	2
890585-76	3
890585-77	2
890585-78	2
890585-79	1
890585-80	1
890585-81	1
890585-82	1
890585-83	1
890585-84	3
890585-85	1
890585-86	1
STANDARD AU-S	48

SAMPLE#	AU* ppb
890585-87	3
890585-88	2
890585-89	2
890585-90	1
890585-91	7
890585-92	1
890585-93	2
890585-94	2
890585-95	1
890585-96	2
890585-97	2
890585-98	1
890585-99	2
890585-100	3
890585-101	2
890585-102	1
890585-103	1
890585-104	4
890585-105	2
890585-106	1
890585-107	2
890585-108	1
890585-109	1
890585-110	3
890585-111	2
890585-112	3
890585-113	2
890585-114	2
890585-115	1
890585-116	2
890585-117	3
890585-118	2
890585-119	1
890585-120	1
890585-122	2
890585-123	2
STANDARD AU-S	45

SAMPLE#	AU* ppb
890585-124	1
890585-125	4
890585-126	1
890585-127	1
890585-128	2
890585-129	2
890585-418	1
890563-001	1
890563-002	1
890563-003	3
890563-004	2
890563-005	2
890563-006	1
890563-007	2
890563-008	7
890563-009	1
890563-010	2
890563-011	2
890563-012	2
890563-013	1
890563-014	2
890563-015	1
890563-016	1
890563-017	2
890563-018	2
890563-019	1
890563-020	1
890563-021	1
890563-022	12
890563-023	1
890563-024	1
890563-025	2
890563-026	2
890563-027	1
890563-028	2
890563-029	1
STANDARD AU-S	48

SAMPLE#	AU* ppb
890563-030	7
890563-031	1
890563-032	2
890563-033	2
890563-034	3
890563-035	1
890563-084	11
890563-085	2
890563-086	2
890563-087	2
890563-088	2
890563-089	1
890563-090	4
890563-091	9
890563-092	1
890563-093	2
890563-094	3
890563-095	2
890563-096	1
890563-097	3
890563-098	1
890563-099	2
890563-100	1
890563-101	6
890563-102	1
890563-103	2
890563-104	1
890563-105	1
890563-106	2
890563-107	44
890563-108	1
890563-109	3
890563-110	10
890563-111	2
890563-112	1
890563-113	5
STANDARD AU-S	48

SAMPLE#	AU* ppb
890563-114	5
890563-115	5
890563-116	3
890563-117	1
890563-118	1
890563-119	2
890563-120	3
890563-121	2
890563-122	8
890563-123	1
890563-124	40
890563-125	4
890563-126	3
890563-127	3
890563-128	1
890563-129	1
890563-130	1
890563-131	2
890563-132	3
890563-133	1
890563-134	22
890563-135	2
890563-136	1
890563-137	1
890563-138	2
890563-139	12
890563-140	2
890563-141	1
890563-142	1
890563-143	9
890563-144	1
890563-145	1
890563-146	1
890563-147	1
890563-148	1
890563-149	1
STANDARD AU-S	50

SAMPLE#	AU* ppb
890563-150	1
890563-151	3
890563-152	6
890563-153	1
890563-154	2
890563-155	3
890563-156	2
890563-157	4
890563-158	1
890563-159	4
890563-160	5
890563-161	1
890563-162	4
890563-163	1
890563-164	7
890563-165	1
890563-166	2
890563-167	5
890563-168	1
890563-169	1
890563-170	1
890563-171	2
890563-172	1
890563-173	2
890563-174	7
890563-175	8
890563-176	2
890563-177	1
890563-178	1
890563-179	1
890563-180	2
890563-181	4
890563-182	2
890563-183	1
890563-219	5
890563-220	8
STANDARD AU-S	51

SAMPLE#	AU* ppb
890563-221	4
890563-222	5
890563-223	3
890563-224	4
890563-225	1
890563-226	2
890563-227	1
890563-228	3
890563-229	5
890563-230	5
890563-231	3
890563-232	6
890563-233	2
890563-234	2
890563-235	2
890563-236	2
890563-237	1
890563-238	2
890563-239	5
890563-240	1
890563-241	1
890563-242	4
890563-243	4
890563-244	10
890563-245	1
890563-246	8
890563-247	8
890563-248	5
890563-249	6
890563-250	2
890563-251	189
890563-252	5
890563-253	13
890563-254	4
890563-255	3
890563-256	1
STANDARD AU-S	49

SAMPLE#	AU* ppb
890563-257	3
890563-258	5
890563-259	3
890563-260	2
890563-261	1
890563-262	1
890563-263	2
890563-264	3
890563-265	3
890563-266	3
890563-267	1
890563-268	2
890563-269	1
890563-270	2
890563-271	3
890563-272	2
890563-273	1
890563-274	4
890563-275	3
890563-276	2
890563-277	1
890563-278	4
890563-279	3
890563-280	3
890563-281	2
890563-282	3
890563-283	4
890563-284	2
890563-285	4
890563-286	3
890563-287	2
890563-288	3
890563-289	2
890563-290	3
890563-291	8
890563-292	2
STANDARD AU-S	46

SAMPLE#	AU* ppb
890563-293	2
890563-294	1
890563-295	2
890563-296	2
890563-297	2
890563-298	1
890563-299	2
890563-300	3
890563-301	1
890563-302	2
890563-303	2
890563-304	2
890563-305	1
890563-306	2
890563-307	1
890563-308	2
890563-309	4
890563-310	2
890563-311	2
890563-312	1
890563-313	2
890563-314	5
890563-315	1
890563-316	4
890563-317	2
890563-318	1
890563-319	1
890563-320	2
890563-321	1
890563-322	1
890563-323	1
890563-324	2
890563-325	2
890563-326	1
890563-327	19
890563-328	1
STANDARD AU-S	46

SAMPLE#	AU* ppb
890563-329	4
890563-330	6
890563-331	1
890563-332	1
890563-333	1
890563-334	1
890563-335	7
890563-336	2
890563-337	1
890563-338	2
890563-339	13
890563-340	58
890563-341	2
890563-342	1
890563-343	1
890563-344	1
890563-345	1
890563-346	3
890563-347	1
890563-348	7
890563-349	3
890563-350	1
890563-351	2
890563-352	1
890563-353	2
890563-354	1
890563-355	3
890563-356	1
890563-357	5
890563-358	1
890563-359	5
890563-360	2
890563-361	2
890563-362	7
890563-363	2
890563-364	5
STANDARD AU-S	45

SAMPLE#	AU* ppb
890563-365	10
890563-366	3
890563-367	1
890563-368	2
890563-369	1
890563-370	4
890563-371	1
890563-372	3
890563-373	2
890563-374	1
890563-375	3
890563-376	2
890563-377	1
890563-378	2
890563-379	6
890563-380	1
890563-381	2
890563-382	3
890563-383	2
890563-384	2
890563-385	2
890563-386	1
STANDARD AU-S	48

WH PROJECT ASSAY LAB NUMBER GRID COORDINATE REFERENCE — *To file # 90-3916 preceding.*

LAB #	NORTHING	EASTING	LAB #	NORTHING	EASTING	LAB #	NORTHING	EASTING	LAB #	NORTHING	EASTING
506-47	1100.00	5000.00	506-117	1700.00	5700.00	563-221	2100.00	6150.00	506-171	2300.00	5950.00
506-48	1100.00	5050.00	506-118	1700.00	5750.00	563-222	2100.00	6200.00	506-172	2300.00	5970.00
506-49	1100.00	5100.00	506-119	1700.00	5800.00	563-223	2100.00	6250.00	563-253	2300.00	6050.00
506-50	1100.00	5150.00	506-120	1700.00	5850.00	563-224	2100.00	6300.00	563-254	2300.00	6100.00
506-51	1100.00	5200.00	506-121	1700.00	5900.00	563-225	2100.00	6350.00	563-255	2300.00	6150.00
506-52	1100.00	5250.00	506-122	1700.00	5950.00	563-226	2100.00	6400.00	563-256	2300.00	6200.00
506-53	1100.00	5300.00	563-171	1700.00	7050.00	563-227	2100.00	6450.00	563-257	2300.00	6250.00
506-54	1100.00	5350.00	563-172	1700.00	7100.00	563-228	2100.00	6500.00	563-258	2300.00	6300.00
506-55	1100.00	5400.00	563-173	1700.00	7150.00	563-229	2100.00	6550.00	563-259	2300.00	6400.00
506-56	1100.00	5450.00	563-174	1700.00	7200.00	563-230	2100.00	6600.00	563-260	2300.00	6450.00
506-57	1100.00	5500.00	563-175	1700.00	7250.00	563-231	2100.00	6650.00	563-261	2300.00	6500.00
506-58	1100.00	5550.00	563-176	1700.00	7350.00	563-232	2100.00	6700.00	563-262	2300.00	6550.00
506-59	1100.00	5600.00	563-177	1700.00	7400.00	563-233	2100.00	6750.00	563-263	2300.00	6600.00
506-60	1100.00	5650.00	563-178	1700.00	7450.00	563-234	2100.00	6800.00	563-264	2300.00	6650.00
506-61	1100.00	5700.00	563-179	1700.00	7500.00	563-235	2100.00	6850.00	563-265	2300.00	6700.00
506-62	1100.00	5750.00	563-180	1700.00	7550.00	563-236	2100.00	6900.00	563-266	2300.00	6750.00
506-63	1100.00	5800.00	563-181	1700.00	7600.00	563-237	2100.00	6950.00	563-267	2300.00	6800.00
506-64	1100.00	5850.00	563-182	1700.00	7650.00	563-238	2100.00	7000.00	563-268	2300.00	6850.00
506-65	1100.00	5900.00	563-183	1700.00	7700.00	563-239	2100.00	7050.00	563-269	2300.00	6900.00
506-66	1100.00	5950.00	506-124	1900.00	5050.00	563-240	2100.00	7100.00	563-270	2300.00	6950.00
506-67	1500.00	5071.00	506-125	1900.00	5150.00	563-241	2100.00	7150.00	563-271	2300.00	7000.00
506-68	1500.00	5100.00	506-126	1900.00	5200.00	563-242	2100.00	7200.00	563-272	2300.00	7050.00
506-69	1500.00	5150.00	506-127	1900.00	5500.00	563-243	2100.00	7250.00	563-273	2300.00	7100.00
506-70	1500.00	5200.00	506-128	1900.00	5550.00	563-244	2100.00	7300.00	563-274	2300.00	7150.00
506-71	1500.00	5300.00	506-129	1900.00	5660.00	563-245	2100.00	7350.00	563-275	2300.00	7200.00
506-72	1500.00	5350.00	506-130	1900.00	5700.00	563-246	2100.00	7400.00	563-276	2300.00	7250.00
506-73	1500.00	5400.00	506-131	1900.00	5750.00	563-247	2100.00	7450.00	563-277	2300.00	7300.00
506-74	1500.00	5450.00	506-132	1900.00	5800.00	563-248	2100.00	7487.00	563-278	2300.00	7350.00
506-75	1500.00	5500.00	506-133	1900.00	5850.00	563-249	2100.00	7550.00	563-279	2300.00	7400.00
506-76	1500.00	5550.00	506-134	1900.00	5900.00	563-250	2100.00	7600.00	563-280	2300.00	7450.00
506-77	1500.00	5600.00	506-135	1900.00	5916.00	563-251	2100.00	7650.00	563-281	2300.00	7500.00
506-78	1500.00	5650.00	506-136	2100.00	5060.00	563-252	2100.00	7700.00	563-282	2300.00	7550.00
506-79	1500.00	5700.00	506-137	2100.00	5100.00	506-153	2300.00	5000.00	563-283	2300.00	7600.00
506-80	1500.00	5750.00	506-138	2100.00	5150.00	506-154	2300.00	5050.00	563-284	2300.00	7650.00
506-81	1500.00	5800.00	506-139	2100.00	5200.00	506-155	2300.00	5100.00	563-285	2300.00	7700.00
506-82	1500.00	5850.00	506-140	2100.00	5250.00	506-156	2300.00	5150.00	506-173	2500.00	5000.00
506-83	1500.00	5900.00	506-141	2100.00	5300.00	506-157	2300.00	5200.00	506-174	2500.00	5050.00
506-84	1500.00	5950.00	506-142	2100.00	5350.00	506-158	2300.00	5300.00	506-175	2500.00	5100.00
506-85	1500.00	6000.00	506-143	2100.00	5550.00	506-159	2300.00	5350.00	506-176	2500.00	5150.00
506-86	1700.00	5150.00	506-144	2100.00	5600.00	506-160	2300.00	5400.00	506-177	2500.00	5200.00
506-87	1700.00	5200.00	506-145	2100.00	5650.00	506-161	2300.00	5450.00	506-178	2500.00	5300.00
506-88	1700.00	5250.00	506-146	2100.00	5700.00	506-162	2300.00	5500.00	506-179	2500.00	5400.00
506-89	1700.00	5300.00	506-147	2100.00	5750.00	506-163	2300.00	5550.00	506-180	2500.00	5450.00
506-90	1700.00	5350.00	506-148	2100.00	5800.00	506-164	2300.00	5600.00	506-181	2500.00	5500.00
506-91	1700.00	5400.00	506-149	2100.00	5850.00	506-165	2300.00	5650.00	506-182	2500.00	5550.00
506-92	1700.00	5450.00	506-150	2100.00	5900.00	506-166	2300.00	5700.00	506-183	2500.00	5600.00
506-93	1700.00	5500.00	506-151	2100.00	5950.00	506-167	2300.00	5750.00	506-184	2500.00	5650.00
506-94	1700.00	5550.00	506-152	2100.00	6000.00	506-168	2300.00	5800.00	506-185	2500.00	5700.00
506-95	1700.00	5600.00	563-219	2100.00	6050.00	506-169	2300.00	5850.00	506-186	2500.00	5750.00
506-96	1700.00	5650.00	563-220	2100.00	6100.00	506-170	2300.00	5900.00	506-187	2500.00	5800.00

WH PROJECT ASSAY LAB NUMBER GRID COORDINATE REFERENCE

LAB #	NORTHING	EASTING	LAB #	NORTHING	EASTING	LAB #	NORTHING	EASTING	LAB #	NORTHING	EASTING
506-188	2500.00	5850.00	506-203	2700.00	5650.00	506-226	2900.00	3250.00	506-278	2900.00	5850.00
506-189	2500.00	5900.00	506-204	2700.00	5700.00	506-227	2900.00	3300.00	506-279	2900.00	5900.00
506-190	2500.00	5942.00	506-205	2700.00	5750.00	506-228	2900.00	3350.00	506-280	2900.00	5950.00
563-286	2500.00	5992.00	506-206	2700.00	5800.00	506-229	2900.00	3400.00	506-281	2900.00	6000.00
563-287	2500.00	6050.00	506-207	2700.00	5850.00	506-230	2900.00	3450.00	585 1	2900.00	6050.00
563-288	2500.00	6100.00	506-208	2700.00	5900.00	506-231	2900.00	3500.00	585 2	2900.00	6100.00
563-289	2500.00	6150.00	506-209	2700.00	5950.00	506-232	2900.00	3550.00	585 3	2900.00	6150.00
563-290	2500.00	6200.00	506-210	2700.00	6000.00	506-233	2900.00	3600.00	585 4	2900.00	6200.00
563-291	2500.00	6250.00	563-321	2700.00	6050.00	506-234	2900.00	3650.00	585 5	2900.00	6250.00
563-292	2500.00	6300.00	563-322	2700.00	6100.00	506-235	2900.00	3700.00	585 6	2900.00	6300.00
563-293	2500.00	6350.00	563-323	2700.00	6150.00	506-236	2900.00	3750.00	585 7	2900.00	6350.00
563-294	2500.00	6400.00	563-324	2700.00	6200.00	506-237	2900.00	3800.00	585 8	2900.00	6400.00
563-295	2500.00	6450.00	563-325	2700.00	6250.00	506-238	2900.00	3850.00	585 9	2900.00	6450.00
563-296	2500.00	6500.00	563-326	2700.00	6300.00	506-239	2900.00	3900.00	585 10	2900.00	6500.00
563-297	2500.00	6550.00	563-327	2700.00	6350.00	506-240	2900.00	3950.00	585 11	2900.00	6550.00
563-298	2500.00	6600.00	563-328	2700.00	6400.00	506-241	2900.00	4000.00	585 12	2900.00	6600.00
563-299	2500.00	6650.00	563-329	2700.00	6450.00	506-242	2900.00	4050.00	585 418	2900.00	6650.00
563-300	2500.00	6700.00	563-330	2700.00	6500.00	506-243	2900.00	4100.00	585 13	2900.00	6700.00
563-301	2500.00	6750.00	563-331	2700.00	6550.00	506-244	2900.00	4200.00	585 14	2900.00	6750.00
563-302	2500.00	6800.00	563-332	2700.00	6600.00	506-247	2900.00	4250.00	585 15	2900.00	6850.00
563-303	2500.00	6850.00	563-333	2700.00	6650.00	506-248	2900.00	4300.00	585 16	2900.00	6900.00
563-304	2500.00	6900.00	563-334	2700.00	6700.00	506-249	2900.00	4350.00	585 17	2900.00	6950.00
563-305	2500.00	6950.00	563-335	2700.00	6750.00	506-250	2900.00	4400.00	585 18	2900.00	7000.00
563-306	2500.00	7000.00	563-336	2700.00	6800.00	506-251	2900.00	4450.00	585 19	2900.00	7050.00
563-307	2500.00	7050.00	563-337	2700.00	6850.00	506-252	2900.00	4500.00	585 20	2900.00	7100.00
563-308	2500.00	7100.00	563-338	2700.00	6900.00	506-253	2900.00	4550.00	585 21	2900.00	7150.00
563-309	2500.00	7150.00	563-339	2700.00	6950.00	506-254	2900.00	4600.00	585 22	2900.00	7200.00
563-310	2500.00	7200.00	563-340	2700.00	7000.00	506-255	2900.00	4650.00	585 23	2900.00	7250.00
563-311	2500.00	7250.00	563-341	2700.00	7050.00	506-256	2900.00	4700.00	585 24	2900.00	7300.00
563-312	2500.00	7300.00	563-342	2700.00	7100.00	506-257	2900.00	4750.00	585 25	2900.00	7350.00
563-313	2500.00	7350.00	563-343	2700.00	7150.00	506-258	2900.00	4800.00	585 26	2900.00	7400.00
563-314	2500.00	7400.00	563-344	2700.00	7200.00	506-259	2900.00	4850.00	585 27	2900.00	7450.00
563-315	2500.00	7450.00	563-345	2700.00	7250.00	506-260	2900.00	4900.00	585 28	2900.00	7500.00
563-316	2500.00	7500.00	563-346	2700.00	7300.00	506-261	2900.00	4950.00	585 29	2900.00	7550.00
563-317	2500.00	7550.00	563-347	2700.00	7327.00	506-262	2900.00	5050.00	585 30	2900.00	7600.00
563-318	2500.00	7600.00	563-348	2700.00	7500.00	506-263	2900.00	5100.00	585 31	2900.00	7650.00
563-319	2500.00	7650.00	563-349	2700.00	7550.00	506-264	2900.00	5150.00	585 32	2900.00	7700.00
563-320	2500.00	7700.00	563-350	2700.00	7600.00	506-265	2900.00	5200.00	487- 21	3100.00	650.00
506-191	2700.00	5050.00	563-351	2700.00	7650.00	506-266	2900.00	5250.00	487- 22	3100.00	700.00
506-192	2700.00	5100.00	563-352	2700.00	7700.00	506-267	2900.00	5300.00	487- 23	3100.00	750.00
506-193	2700.00	5150.00	506-216	2900.00	2750.00	506-268	2900.00	5350.00	487- 24	3100.00	800.00
506-194	2700.00	5200.00	506-217	2900.00	2800.00	506-269	2900.00	5400.00	487- 25	3100.00	850.00
506-195	2700.00	5250.00	506-218	2900.00	2850.00	506-270	2900.00	5450.00	487- 26	3100.00	900.00
506-196	2700.00	5300.00	506-219	2900.00	2900.00	506-271	2900.00	5500.00	487- 27	3100.00	950.00
506-197	2700.00	5350.00	506-220	2900.00	2950.00	506-272	2900.00	5550.00	487- 28	3100.00	1000.00
506-198	2700.00	5400.00	506-221	2900.00	3000.00	506-273	2900.00	5600.00	487- 29	3100.00	1050.00
506-199	2700.00	5450.00	506-222	2900.00	3050.00	506-274	2900.00	5650.00	487- 30	3100.00	1100.00
506-200	2700.00	5500.00	506-223	2900.00	3100.00	506-275	2900.00	5700.00	487- 31	3100.00	1150.00
506-201	2700.00	5550.00	506-224	2900.00	3150.00	506-276	2900.00	5750.00	487- 32	3100.00	1200.00
506-202	2700.00	5600.00	506-225	2900.00	3200.00	506-277	2900.00	5800.00	487- 33	3100.00	1250.00

WH PROJECT ASSAY LAB NUMBER GRID COORDINATE REFERENCE

LAB #	NORTHING	EASTING	LAB #	NORTHING	EASTING
487- 34	3100.00	1300.00	563-377	3100.00	7250.00
487- 35	3100.00	1350.00	563-378	3100.00	7300.00
487- 36	3100.00	1400.00	563-379	3100.00	7350.00
487- 37	3100.00	1450.00	563-380	3100.00	7400.00
487- 38	3100.00	1500.00	563-381	3100.00	7450.00
487- 39	3100.00	1525.00	563-382	3100.00	7500.00
487- 1	3100.00	5093.00	563-383	3100.00	7550.00
487- 2	3100.00	5100.00	563-384	3100.00	7600.00
487- 3	3100.00	5150.00	563-385	3100.00	7650.00
487- 4	3100.00	5200.00	563-386	3100.00	7700.00
487- 5	3100.00	5250.00	487- 56	3300.00	5800.00
487- 6	3100.00	5300.00	487- 57	3300.00	5850.00
487- 7	3100.00	5350.00	487- 58	3300.00	5900.00
487- 8	3100.00	5400.00	487- 59	3300.00	5950.00
487- 9	3100.00	5450.00	585 33	3500.00	6050.00
487- 10	3100.00	5500.00	585 34	3500.00	6100.00
487- 11	3100.00	5550.00	585 35	3500.00	6150.00
487- 12	3100.00	5600.00	585 36	3500.00	6200.00
487- 13	3100.00	5650.00	585 37	3500.00	6250.00
487- 14	3100.00	5700.00	585 38	3500.00	6300.00
487- 15	3100.00	5750.00	585 39	3500.00	6350.00
487- 16	3100.00	5800.00	585 40	3500.00	6400.00
487- 17	3100.00	5850.00	585 41	3500.00	6450.00
487- 18	3100.00	5900.00	585 42	3500.00	6500.00
487- 19	3100.00	5950.00	585 55	3500.00	7150.00
487- 20	3100.00	6000.00	585 56	3500.00	7200.00
563-353	3100.00	6050.00	585 57	3500.00	7250.00
563-354	3100.00	6100.00	585 58	3500.00	7300.00
563-355	3100.00	6150.00	585 59	3500.00	7350.00
563-356	3100.00	6200.00	585 60	3500.00	7400.00
563-357	3100.00	6250.00	585 61	3500.00	7450.00
563-358	3100.00	6300.00	585 62	3500.00	7500.00
563-359	3100.00	6350.00	585 63	3500.00	7550.00
563-360	3100.00	6400.00	585 64	3500.00	7600.00
563-361	3100.00	6450.00	585 65	3500.00	7650.00
563-362	3100.00	6500.00	585 66	3500.00	7700.00
563-363	3100.00	6550.00	585 67	3700.00	6050.00
563-364	3100.00	6600.00	585 68	3700.00	6100.00
563-365	3100.00	6650.00	585 69	3700.00	6150.00
563-366	3100.00	6700.00	585 70	3700.00	6200.00
563-367	3100.00	6750.00	585 71	3700.00	6250.00
563-368	3100.00	6800.00	585 72	3700.00	6300.00
563-369	3100.00	6850.00	585 73	3700.00	6350.00
563-370	3100.00	6900.00	585 74	3700.00	6400.00
563-371	3100.00	6950.00	585 75	3700.00	6450.00
563-372	3100.00	7000.00	585 76	3700.00	6500.00
563-373	3100.00	7050.00	585 77	3700.00	6550.00
563-374	3100.00	7100.00	585 78	3700.00	6600.00
563-375	3100.00	7150.00	585 79	3700.00	6650.00
563-376	3100.00	7200.00	585 80	3700.00	6700.00

LAB #	NORTHING	EASTING
585 81	3700.00	6750.00
585 82	3700.00	6800.00
585 83	3700.00	6850.00
585 84	3700.00	6900.00
585 85	3700.00	6950.00
585 86	3700.00	7000.00
585 87	3700.00	7050.00
585 88	3700.00	7100.00
585 89	3700.00	7150.00
585 90	3700.00	7200.00
585 91	3700.00	7250.00
585 92	3700.00	7300.00
585 93	3700.00	7350.00
585 94	3700.00	7400.00
585 95	3700.00	7450.00
585 96	3700.00	7500.00
585 97	3700.00	7550.00
585 98	3700.00	7600.00
585 99	3700.00	7650.00
585 100	3700.00	7700.00
358-130	3800.00	1825.00
358-131	3800.00	1875.00
358-132	3800.00	1925.00
358-133	3800.00	1975.00
585 101	3900.00	6050.00
585 102	3900.00	6100.00
585 103	3900.00	6150.00
585 104	3900.00	6200.00
585 105	3900.00	6250.00
585 106	3900.00	6300.00
585 107	3900.00	6350.00
585 108	3900.00	6400.00
585 109	3900.00	6450.00
585 110	3900.00	6500.00
585 111	3900.00	6550.00
585 112	3900.00	6600.00
585 113	3900.00	6650.00
585 114	3900.00	6700.00
585 115	3900.00	6750.00
585 116	3900.00	6800.00
585 117	3900.00	6850.00
585 118	3900.00	6900.00
585 119	3900.00	6950.00
585 120	3900.00	7000.00
585 121	3900.00	7050.00
585 122	3900.00	7100.00
585 123	3900.00	7150.00
585 124	3900.00	7200.00
585 125	3900.00	7250.00
585 126	3900.00	7300.00
585 127	3900.00	7350.00
585 128	3900.00	7400.00
585 129	3900.00	7500.00

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DATE RECEIVED: SEP 12 1990

DATE REPORT MAILED: *Sept. 19/90*

GEOCHEMICAL ANALYSIS CERTIFICATE SEPT 19 90

Cordilleran Engineering Ltd. PROJECT WH #4 FILE # 90-4421 Page 1
1980 - 1055 W. Hastings S, Vancouver BC V6E 2E9

SAMPLE#	AU* ppb
1900E 7700N	7
1900E 7650N	7
1900E 7600N	1
1900E 7550N	2
1900E 7500N	2
1900E 7450N	1
1900E 7400N	1
1900E 7350N	1
1900E 7300N	1
1900E 7200N	2
1900E 7150N	1
1900E 7100N	1
1900E 7050N	2
1900E 7000N	1
1900E 6950N	4
1900E 6900N	77
1900E 6850N	5
1900E 6800N	4
1900E 6750N	3
1900E 6700N	2
1900E 6650N	2
1900E 6600N	1
1900E 6550N	3
1900E 6500N	3
1900E 6450N	9
1900E 6400N	107
1900E 6350N	5
1900E 6300N	3
1900E 6250N	5
1900E 6200N	2
1900E 6150N	1
1900E 6100N	4
1900E 6050N	1
1900E 6000N	1
2700E 5500N	2
2700E 5450N	1
STANDARD AU-S	55

- SAMPLE TYPE: SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

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

SAMPLE#	AU* ppb
2700E 5400N	3
2700E 5350N	1
2700E 5300N	1
2700E 5250N	2
2700E 5200N	1
2700E 5150N	1
2700E 5100N	1
2700E 5050N	4
3100E 5350N	1
3100E 5300N	3
3100E 5250N	2
3100E 5200N	1
3100E 5150N	2
3100E 5100N	1
3100E 5000N	5
3300E 7700N	4
3300E 7650N	8
3300E 7600N	70
3300E 7550N	3
3300E 7450N	1
3300E 7400N	3
3300E 7350N	1
3300E 7300N	1
3300E 7250N	2
3300E 7200N	1
3300E 7150N	1
3300E 7100N	6
3300E 7050N	1
3300E 7000N	2
3300E 6950N	1
3300E 6900N	3
3300E 6850N	1
3300E 6800N	12
3300E 6750N	1
3300E 6700N	8
3300E 6650N	7
STANDARD AU-S	48

SAMPLE#	AU* ppb
3300E 6600N	4
3300E 6550N	1
3300E 6500N	1
3300E 6450N	16
3300E 6400N	1
3300E 6350N	1
3300E 6300N	1
3300E 6250N	1
3300E 6200N	1
3300E 6150N	1
3300E 6100N	1
3300E 6050N	1
3300E 6000N	1
3300E 5950N	1
3300E 5900N	1
3300E 5850N	1
3300E 5800N	1
3300E 5750N	2
3300E 5700N	1
3300E 5650N	2
3300E 5600N	1
3300E 5550N	1
3300E 5500N	1
3300E 5450N	2
3300E 5400N	2
3300E 5350N	2
3300E 5300N	2
3300E 5250N	1
3300E 5200N	1
3300E 5150N	5
3300E 5100N	1
3300E 5050N	13
3300E 5000N	1
3500E 7100N	5
3500E 7050N	1
3500E 7000N	1
STANDARD AU-S	55

SAMPLE#	AU* ppb
3500E 6950N	32
3500E 6900N	7
3500E 6850N	3
3500E 6800N	4
3500E 6750N	2
3500E 6700N	1
3500E 6650N	1
3500E 6600N	1
3500E 6550N	2

ACME ANALYTICAL LABORATORIES LTD.
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PHONE(604)253-3158 FAX(604)253-1716

DATE RECEIVED: SEP 19 1990

DATE REPORT MAILED: *Sept 27/90*

GEOCHEMICAL ANALYSIS CERTIFICATE

Cordilleran Engineering Ltd. PROJECT WH #8 FILE # 90-4593
1980 - 1055 W. Hastings S, Vancouver BC V6E 2E9 Attn: E.A. BALON

SAMPLE#	AU* ppb
WH90-S1	8
WH90-S2	2
WH90-S3	3

- SAMPLE TYPE: SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

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

ACME ANALYTICAL LABORATORIES LTD.
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DATE RECEIVED: OCT 15 1990

DATE REPORT MAILED: *Oct. 19/90*

GEOCHEMICAL ANALYSIS CERTIFICATE

OCT 19 1990

Cordilleran Engineering Ltd. PROJECT WH90 1 FILE # 90-5297 Page 1
1980 - 1055 W. Hastings S, Vancouver BC V6E 2E9 Attn: B. KNIGHT

SAMPLE#	AU* SAMPLE	
	ppb	lb
WH901-1	6	25
WH901-2	5	21
WH901-3	2	23
WH901-4	1	23
WH901-5	4	21
WH901-6	4	21
WH901-7	6	20
WH901-8	4	22
WH901-9	3	24
WH901-10	1	21
WH901-11	1	22
WH901-12	2	19
WH901-13	1	26
WH901-14	2	22
WH901-15	2	23
WH901-16	8	21
STANDARD AU-R	540	-

- SAMPLE TYPE: ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 20 GM SAMPLE.

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

ACME ANALYTICAL LABORATORIES LTD.
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PHONE(604)253-3158 FAX(604)253-1716

DATE RECEIVED: OCT 15 1990

DATE REPORT MAILED: *Oct 19/90*

ASSAY CERTIFICATE

Cordilleran Engineering Ltd. PROJECT WH90 1 FILE # 90-5297 Page 2
1980 - 1055 W. Hastings S, Vancouver BC V6E 2E9 Attn: B. KNIGHT

SAMPLE#	Au** oz/t	SAMPLE lb
WH901-17	.001	25
WH901-19	.001	22

AU** BY FIRE ASSAY FROM 1 A.T.
- SAMPLE TYPE: ROCK

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

GEOCHEMICAL/ASSAY CERTIFICATE

Cordilleran Engineering Ltd. PROJECT WH9C 1 File # 90-5297 Page 3

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

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	SAMPLE AU-100 NATIVE AVG. TOTAL				
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	wt. gm	oz/t	Au mg	oz/t	wt. gm
WH901-18P	3	12	30	92	.1	5	5	716	1.58	7	9	ND	15	28	.3	2	2	22	.32	.045	26	8	.10	100	.01	2	.62	.02	.16	1	.51	.001	ND	.001	800

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.
 -100 MESH AU BY FIRE ASSAY FROM 1 A.T.
 - SAMPLE TYPE: ROCK

DATE RECEIVED: OCT 15 1990 DATE REPORT MAILED: *Oct 19/90* SIGNED BY: *C. Leung* D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

GEOCHEMICAL ANALYSIS CERTIFICATE

Cordilleran Engineering Ltd. PROJECT ELK WH90-2 FILE # 90-5299 Page 1
 1980 - 1055 W. Hastings S, Vancouver BC V6E 2E9 Attn: B. KNIGHT

SAMPLE#	AU* ppb
TWH901-1	14
TWH901-1A	7
TWH901-1B	4
TWH901-1C	1
TWH901-1D	1
TWH901-2	4
TWH901-3	4
TWH901-3A	1
TWH901-3B	6
TWH901-3C	67
TWH901-4	4
TWH901-5	6
TWH901-5A	3
TWH901-5B	3
TWH901-6	1
TWH901-7	3
TWH901-7A	2
TWH901-7B	3
TWH901-8	1
TWH901-9	1
TWH901-9A	2
TWH901-9B	2
TWH901-10	2
TWH901-11	1
TWH901-11A	13
TWH901-12	3
TWH901-13	4
TWH901-13A	1
TWH901-13B	1
TWH901-14	5
TWH901-15	1
TWH901-15A	2
TWH901-15B	1
TWH901-15C	6
TWH901-16	1
TWH901-17	1
STANDARD AU-S	55

SAMPLE#	AU* ppb
TWH901-17A	1
TWH901-17B	2
TWH901-18	2
TWH901-19	1
TWH901-19A	1
TWH901-19B	2
TWH901-19C	7
STANDARD AU-S	51

- SAMPLE TYPE: SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Cordilleran Engineering Ltd. PROJECT WH WH90-4 FILE # 90-5362 Page 1
 1980 - 1055 W. Hastings S, Vancouver BC V6E 2E9

SAMPLE#	AU* ppb	SAMPLE#	AU* ppb
TWH 901-20	5	TWH 901-31B	3
TWH 901-21	3	TWH 901-31C	4
TWH 901-21A	3	TWH 901-31D	8
TWH 901-21B	1	TWH 901-31E	3
TWH 901-21C	1	TWH 901-31F	1
TWH 901-21D	2	TWH 901-32	1
TWH 901-22	1	TWH 901-33	2
TWH 901-23	3	TWH 901-33A	4
TWH 901-23A	1	TWH 901-33B	1
TWH 901-23B	1	TWH 901-33C	8
TWH 901-23C	6	TWH 901-33D	1
TWH 901-23D	1	TWH 901-33E	2
TWH 901-24	2	TWH 901-34	1
TWH 901-25	2	TWH 901-35	3
TWH 901-25A	4	TWH 901-35A	1
TWH 901-25B	2	TWH 901-35B	3
TWH 901-25C	7	TWH 901-35C	4
TWH 901-25D	1	TWH 901-35D	1
TWH 901-25E	1	TWH 901-35E	1
TWH 901-26	1	TWH 901-35F	1
TWH 901-27	2	TWH 901-35G	1
TWH 901-27A	1	TWH 901-36	1
TWH 901-27B	1	TWH 902-1	3
TWH 901-27C	3	TWH 902-2	1
TWH 901-27D	1	TWH 902-3	1
TWH 901-27E	1	TWH 902-4	2
TWH 901-28	1	TWH 902-5	2
TWH 901-28A	10	TWH 902-6	1
TWH 901-28B	11	TWH 902-7	2
TWH 901-29	1	TWH 902-8	2
TWH 901-29C	4	TWH 902-9	1
TWH 901-29D	2	TWH 902-10	3
TWH 901-29E	1	TWH 902-11	1
TWH 901-30	1	TWH 902-12	1
TWH 901-31	2	TWH 902-13	3
TWH 901-31A	3	TWH 902-14	2
STANDARD AU-S	45	TWH 902-15	5
		STANDARD AU-S	46

- SAMPLE TYPE: SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

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

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DATE RECEIVED: OCT 17 1990

DATE REPORT MAILED: *Oct 22/90*

GEOCHEMICAL ANALYSIS CERTIFICATE

OCT 19 90

Cordilleran Engineering Ltd. PROJECT WH WH90-3 FILE # 90-5363
1980 - 1055 W. Hastings S, Vancouver BC V6E 2E9 Attn: B. KNIGHT

SAMPLE#	AU* SAMPLE	
	ppb	lb
WH901-20	20	25
WH901-21	15	26
WH901-22	5	27
WH901-23	11	27
WH901-24	9	24
WH901-25	10	26
WH901-26	3	24
WH901-27	17	25
WH901-28	7	22
WH901-29	4	20
WH901-30	7	8
WH901-31	3	23
WH901-32	2	22
WH901-33	2	22
WH901-34	8	24
WH901-35	32	25
WH901-36	1	16
WH901-37	16	23
WH901-38	4	24
WH901-39	2	24
WH901-40	2	24
WH901-41	11	30
WH901-42	20	27
WH901-43	5	24
WH901-44	3	26
STANDARD AU-R	510	-

- SAMPLE TYPE: ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 20 GM SAMPLE.

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

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

DATE RECEIVED: OCT 22 1990

DATE REPORT MAILED: *Oct. 24/90*
OCT 23 1990

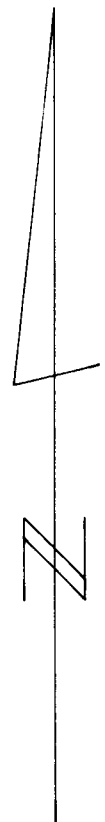
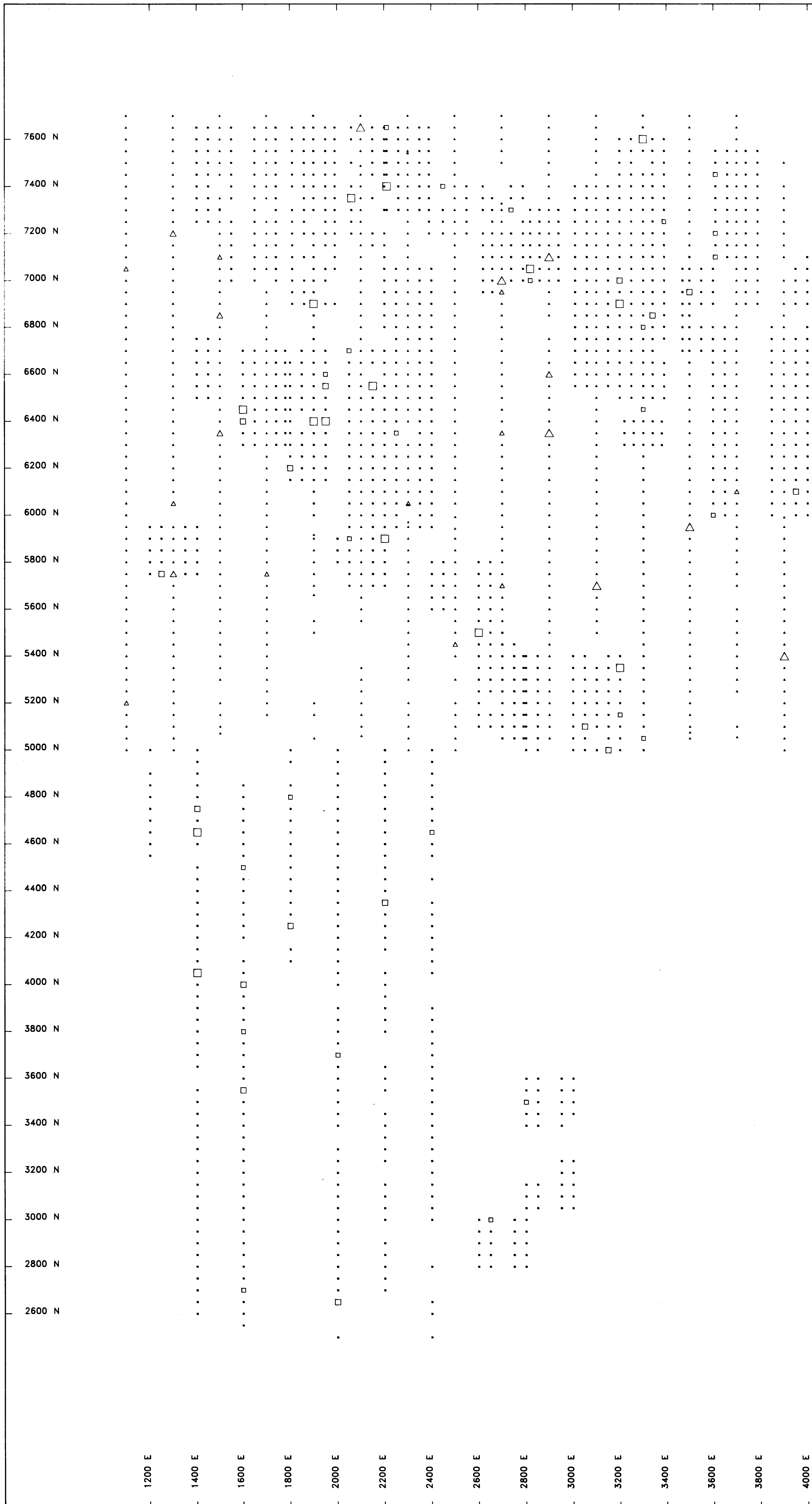
GEOCHEMICAL ANALYSIS CERTIFICATE

Cordilleran Engineering Ltd. PROJECT WH WH90-5 FILE # 90-5432
1980 - 1055 W. Hastings S, Vancouver BC V6E 2E9 . Attn: B. KNIGHT

SAMPLE#	AU* SAMPLE	
	ppb	lb
WH902-1	1	23
WH902-2	2	23
WH902-3	1	27
WH902-4	3	20
WH902-5	2	22
WH902-6	1	20
WH902-7	5	28
WH902-8	3	23
WH902-9	2	21
WH902-10	1	20
WH902-11	2	18

- SAMPLE TYPE: ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 20 GM SAMPLE.

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



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

20,883

SYMBOLS

- | | | |
|------|------|----------------------------------|
| 1989 | 1990 | LESS THAN AND EQUAL TO 10 PPB AU |
| △ | □ | GREATER THAN 10 PPB AU |
| △ | □ | GREATER THAN 20 PPB AU |
| △ | □ | GREATER THAN 50 PPB AU |

1989 pulps re-analyzed by Acme Analytical Labs Ltd. in 1990

For grid location see Figure 2

FAIRFIELD MINERALS LTD.
WH PROPERTY
AU SOIL GEOCHEMISTRY
SIMILKAMEEN MINING DIVISION NTS 92H 16E
1: 10000
Cordilleran Engineering Ltd. 1980 1055 West Hastings St. Vancouver, B.C.
DEC. 1990 V6E 2E9

jr
Plate 1