

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORTS

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1995
**GEOCHEMICAL, TRENCHING & DIAMOND DRILLING
REPORT ON THE CREST PROPERTY**

Similkameen and Nicola Mining Divisions, B.C.

NTS: 92H/16E

Lat 49°49'N; Long 120°04'W

June, 1996 (BC '95 ASSESSMENT)

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NTS: 92H/16E

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For

**FAIRFIELD MINERALS LTD.
Vancouver, British Columbia**

by

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1.0 SUMMARY AND CONCLUSIONS

The Crest property, located 27 kilometres west of Peachland, B.C., originally comprised 43 claims (241 units) in the Similkameen and Nicola Mining Divisions. From 1993 to 1995 inclusive, a total of 113 units were allowed to lapse, reducing the property size to 128 units in 33 remaining claims. The claims, staked in 1989 and 1990, are owned 100 percent by Fairfield Minerals Ltd. Ongoing exploration, conducted by Company personnel, is focusing on gold targets in granitic and adjacent volcanic-sedimentary rocks.

The Okanagan Connector Highway (97C) passes near the northern claims and numerous logging roads traverse the property providing excellent access. The claims cover the south side of Pennask Mountain down to the Trout Creek valley floor at Headwater Lakes. Topography is gentle to moderate. The lower elevations are extensively covered by glacial till.

Previous work in the area has included extensive exploration for copper-molybdenum in the late 1960's during development of the Brenda deposit 4 kilometres to the northeast. Eleven kilometres to the west, on the Elk property, Fairfield has mined over 50,000 ounces of gold from a high-grade vein system in a similar geological setting to that on the Crest claims. A current drill indicated reserve of over 100,000 ounces gold at Elk remains open to expansion.

The Crest property is underlain predominantly by Jurassic granodiorite and granite of the Pennask and Osprey Lake batholiths, in contact to the north with a large pendant of Triassic Nicola Group volcanics and sediments. Younger porphyritic granite intrusions are locally exposed, and some of these occur along a major northeast-trending structural feature apparent in the central property area. Several stream sediment and soil sample sites with high gold values straddle this lineament, and gold-bearing quartz-sulphide float has been found nearby.

A considerable number of other quartz vein occurrences have been found, mainly in altered Nicola rocks on the northeastern claims. Grab samples from these showings have returned many significant gold values ranging from 0.03 up to 8.5 oz/ton. Observed quartz veins are generally narrow and irregular, with variable attitudes. Limonite and hematite are common constituents. Overall sulphide contents are low, however local concentrations of pyrite, pyrrhotite, chalcopyrite, molybdenite, arsenopyrite, galena, sphalerite and other minerals have been noted.

Reconnaissance and grid soil sampling undertaken in 1989, 1990 and 1994 provided 7369 samples which were analyzed for gold, outlining several strong trends containing many sites with values greater than 50 ppb, up to a high of 680 ppb Au. During 1995, limited additional fill-in grid (50m x 50m) sampling was conducted around existing anomalies in the northeast part of the property. This work generated another 296 soils, for a total to date of 7665. Sixteen sites of anomalous gold, from 20 to 370 ppb, and an additional 24 sites with threshold values of 10-20 ppb were identified. These values have indicated additional trends and have further defined or extended some of the existing trends within broad zones of gold enrichment outlined by earlier programs.

Soil anomaly evaluation and follow-up by prospecting included the collection of 4 rock geochemical samples which were tested for 30 elements. Two of the samples yielded significant gold values of 1280 ppb and 1540 ppb (.037 and .045 oz/ton). The samples were taken at or close to known quartz vein showings in order to check original (1986) gold results and to test for additional elements not previously determined. Multiple-element analytical data from these, as well as other reconnaissance and trench rock samples collected to date in this area of the CREST 10 claim, show an association of high gold values with anomalous As± Bi± Mo± W. This association is indicative of a gold porphyry system.

Initial trenching during 1994, at two locations on the northern CREST 10 claim, revealed local shear-hosted quartz vein mineralization in a siliceous porphyritic volcanic unit and hornfels/skarn alteration zones. At one location (Area A), contiguous samples from one such zone yielded gold values averaging 0.145 oz/ton (~5 g/T) over a 13-foot (4.0m) length. At the second location (Area B), a continuous chip sample from a similar zone returned 8840 ppb Au (0.258 oz/ton) across 3.3 feet (1.0m). Further trenching adjacent to Area B in 1995 encountered additional but sparse mineralization. A 0.5 m by 0.5 m panel sample of quartz stringers and intervening hostrock yielded the best (averaged) gold assay of 0.056 oz/ton (1.92 g/T). Excavation totalling 705m (2313 ft.) in 8 trenches has been completed to date. The overall results are mildly encouraging; however, sources for some of the strongest gold soil anomalies and best-grade float occurrences in this area remain to be determined. Also, continuity of mineralization has not been established between any of the known occurrences.

Reconnaissance diamond drilling in 1995 was carried out on the CREST 6 & 8 claims, to test the prominent northeast trending lineament and possibly associated geochemical anomalies described in a preceding paragraph. Three wide-spaced NQ size holes totalling 258.46m (848 ft.) were completed. No gold mineralization was encountered; however, the presence of a major altered structure underlying the topographic depression was confirmed at each site. Moderate to strong sericitic and/or phyllic alteration intersected by two of the drill holes indicates the existence of a hydrothermal system. Thus, further exploration potential is envisaged along this structure and along other possible parallel structures to the north that may be the source(s) of the gold geochemical anomalies.

Cumulative exploration results, particularly on the eastern half of the Crest claim group, indicate good potential for discovery of an economic gold deposit. Targets include high grade veins and/or a large tonnage, low grade gold porphyry deposit. Further exploration is warranted.

2.0 RECOMMENDATIONS

Fill-in soil sampling at 50m by 50m should be continued around stations with values ≥ 20 ppb Au to delineate anomalous trends. Approximately 200 samples are required to complete this work around existing anomalies in the southeastern property area (CREST 9 & 32-39 claims).

Detailed prospecting of gold anomalies should be continued and reconnaissance samples collected from any altered or mineralized rocks. The rock samples should be analyzed for gold (AA) plus 30 elements (ICP). Those with anomalous values should be fire assayed for gold and silver.

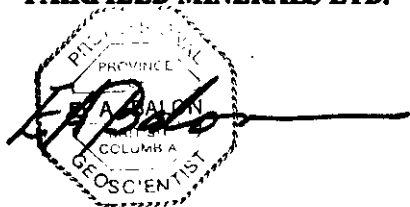
Geological mapping should be conducted, at least within the northeast quarter of the property encompassing parts of the CREST 7, 8, 9 and all of the CREST 10 claim.

The area described above should be surveyed by VLF-EM and magnetometer to locate possible major structures which may have localized gold mineralization.

Localities with mineral occurrences, anomalous gold geochemistry, coincident geophysical signatures and shallow overburden depth (<4m) should be trenched to bedrock with an excavator. Trenches should be cleaned, mapped and chip sampled. Samples should be tested for gold and other elements in the same manner as the reconnaissance rock samples.

Additional trenching is recommended on the northern CREST 10 claim, to test anomalous gold soil geochemistry and gold-quartz vein occurrences in the area between 7750E - 8400E from 6650N - 7000N (300 - 600m north of the 1994/95 Trench Areas A, B). A minimum of 400 metres (1300 ft.) is proposed, and trenches should be oriented north-south to best intersect the inferred easterly structural and geochemical trends. Further trenching and/or drilling would be contingent upon favourable results.

Respectfully submitted
FAIRFIELD MINERALS LTD.



E.A. Balon, P. Geo.

EAB/pj
June 1996

3.0 INTRODUCTION

3.1 Location and Physiography (Figures 1 and 2)

The Crest property is centred 27 kilometres west of Peachland in south-central British Columbia (Figure 1) at latitude 49°49'N and longitude 120°04'W within NTS map areas 92H/16E. Access is via the Brenda Mine road from Peachland, then west on the Headwater Lakes road and continuing west on Peachland Main logging road which crosses the southern claims. Several secondary logging roads branch north across the property providing excellent access. These road systems are also linked to the Okanagan Connector Highway (97C) via the Sunset Forestry Road from Headwater Lakes.

The current claims cover 3200 hectares on the south side of Pennask Mountain down to Trout Creek at the southern property boundary. Elevations range from 1300m to 1850m above sea level. Several creeks flow southerly across the property into Crescent Lake, a dammed pond on the southern claims. Slopes are gentle to moderate and heavily forested with pine, fir, balsam and spruce. Several large plots have been clear-cut logged within the last ten years and some older logged areas on the eastern claims have regrown very densely. Glacial till cover is extensive and variable in thickness on the southeastern part of the property below about 1500m elevation. To the north, at higher elevations, outcrop is moderately abundant and bedrock exposures in road cuts are common. Annual temperatures range from -20°C to +30°C and precipitation is low to moderate. The area is basically snow-free from mid June through October.

3.2 Claim Data (Figure 2, Table 1)

The Crest group originally consisted of 43 claims totalling 241 units. During 1993 and 1994 the CREST 2, 3, 5, 31 claims (80 units) were allowed to lapse, reducing the property size to 161 units. In 1995 the CREST 1, 4 and 40-43 claims totalling 33 units were cancelled, leaving 33 claims comprising 128 units.

The current status of all remaining Crest claims is indicated in Table 1 and their locations are shown on Figure 2. The claims, located in the Similkameen and Nicola Mining Divisions, were staked in 1989 and 1990 and are 100 percent owned by Fairfield Minerals Ltd.

3.3 History

Little prior exploration has been documented for the area covered by the Crest claims. One assessment report (No. 850) is available describing an induced polarization survey conducted in 1966. Brenda Mine, located 4 km to the northeast, and the surrounding region were very actively explored during the 1960's for copper and molybdenum. There is no history of gold exploration in the present claim area, however minor placer gold has been won from lower North Trout Creek about 3 km to the southwest (D. E. Agur, pers. comm.).

Intermittent prospecting and reconnaissance sampling were carried out by Fairfield in the Crest area from 1986 through 1989, and by Placer Dome Inc. during 1989. Significant gold analyses as well as scattered high values in silver, lead, zinc, copper, arsenic and molybdenum were returned from stream sediment, soil and rock samples. These results prompted staking of the initial 30 Crest claims (209 units) in September, 1989. Following acquisition, 661 soil samples were

collected at 50 metre intervals on wide-spaced lines along roads traversing much of the claim group. Anomalous gold values of up to 270 ppb were returned from scattered sites on the southern and eastern claims.

In 1990 additional claims were staked (CREST 31-43 / 32 units) and grid soil sampling at 200m by 50m was completed over most of the property, with subsequent fill-in around selected anomalous sites. This program generated 5749 soil samples which yielded a large number of anomalous gold values, up to 680 ppb. These results defined several strong gold geochemical trends on the eastern claims.

During 1990 and 1991, further prospecting and reconnaissance rock sampling were also conducted. This work revealed numerous gold/silver-bearing quartz vein and stringer occurrences in the northeastern part of the property (CREST 10 claim). Selected samples of vein material returned assays of up to 8.5 oz/ton Au and 35.7 oz/ton Ag.

No work was conducted during 1992 or 1993. In 1994, further soil geochemistry and initial trenching were undertaken. Gold analyses from another 959 soil samples, collected mostly on fill-in (50m by 50m) grids, identified additional anomalies which enhanced some of the existing trends. Six trenches totalling 594 m (1950 ft.) were excavated on the northern CREST 10 claim, to test a few of the previously located strong soil anomalies and coincident mineral occurrences. Extensive shearing with local quartz veining in silicified volcanics and hornfels/skarn alteration zones were encountered. Gold values of ≥ 300 ppb were determined in 35 (15%) of the 230 trench bedrock samples collected. The best (averaged) results included 0.145 oz/ton Au (~ 5.0 g/T) over 13 ft. (4.0 m) in one area and 0.258 oz/ton Au (8.8 g/T) over 3.3 ft. (1.0 m) in another.

3.4 1995 Exploration Program

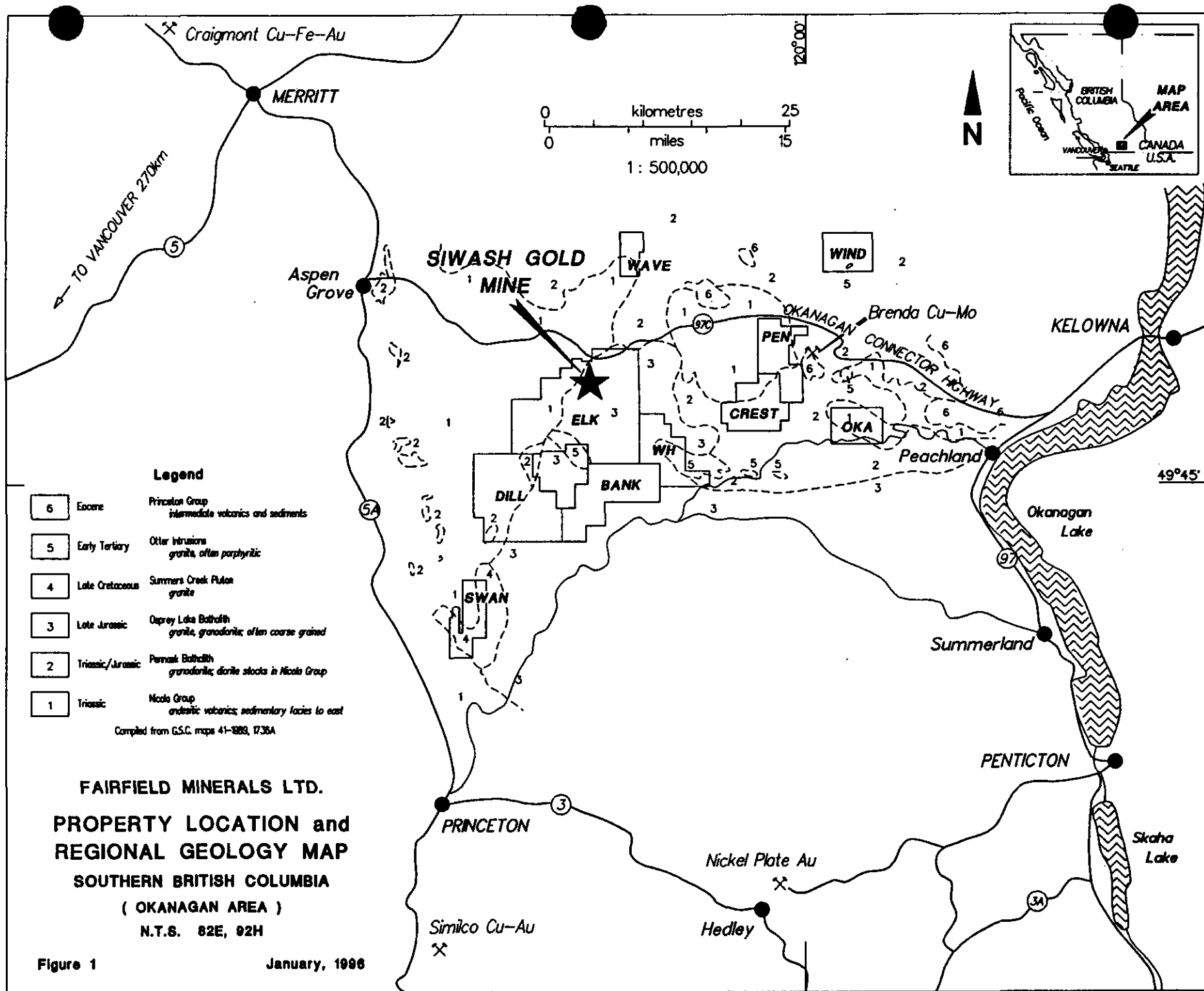
The 1995 program comprised 44 person-days of field work apportioned as to 12 for grid location and soil geochemistry, 10 for anomaly evaluation and follow-up, and 11 each for trenching and drilling related activities including reclamation.

Grid soil geochemistry involved continuation of fill-in (50m x 50m) sampling around existing anomalies. This work was carried out on parts of the CREST 7, 9, 10, and 33 claims. A total of 295 soil samples were collected and analyzed only for gold.

Evaluation of soil results and follow-up included earlier (pre-1995) data merger and research, resampling at three stations, prospecting and reconnaissance rock sampling in areas of anomalous gold. Four rock samples were collected and tested for 30 elements.

Trenching was continued on the CREST 10 claim. Two trenches totalling 111m (364 ft.) were excavated in a northerly extension of the 1994 Area B, to test additional 1986 & 1990 soil anomalies and mineral occurrences. The trenches were cleaned, mapped and selectively sampled. Eight bedrock samples and 24 basal soil samples were collected; the rock samples were all fire assayed for gold and analysed for 30 elements by ICP; basal soils were analysed only for gold, by AA. All trenches, including those from 1994, were reclaimed.

Reconnaissance diamond drilling was undertaken on the CREST 6 & 8 claims. Three NQ holes, spaced about 850 m and 1350 m apart, were completed to test a prominent northeast trending structural feature with adjacent strong gold geochemical anomalies located in 1989. The drilling totalled 258.46 m (848 ft.). Fourteen core samples were all tested for gold and seven of these were also analysed for 30 elements.

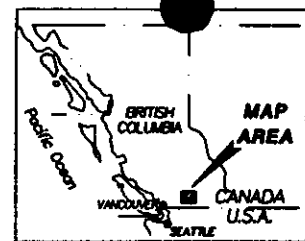


Craigmont Cu-Fe-Au

MERRITT

TO VANCOUVER 270km

0 25
0 15
kilometres
miles
1 : 500,000



SIWASH GOLD MINE

WAVE

WIND

Aspen Grove

Brenda Cu-Mo

KELOWNA

OKANAGAN CONNECTOR HIGHWAY

PEN

CREST

OKA

Peachland

ELK

DILL

BANK

Okanagan Lake

SWAN

Summerland

PENTICTON

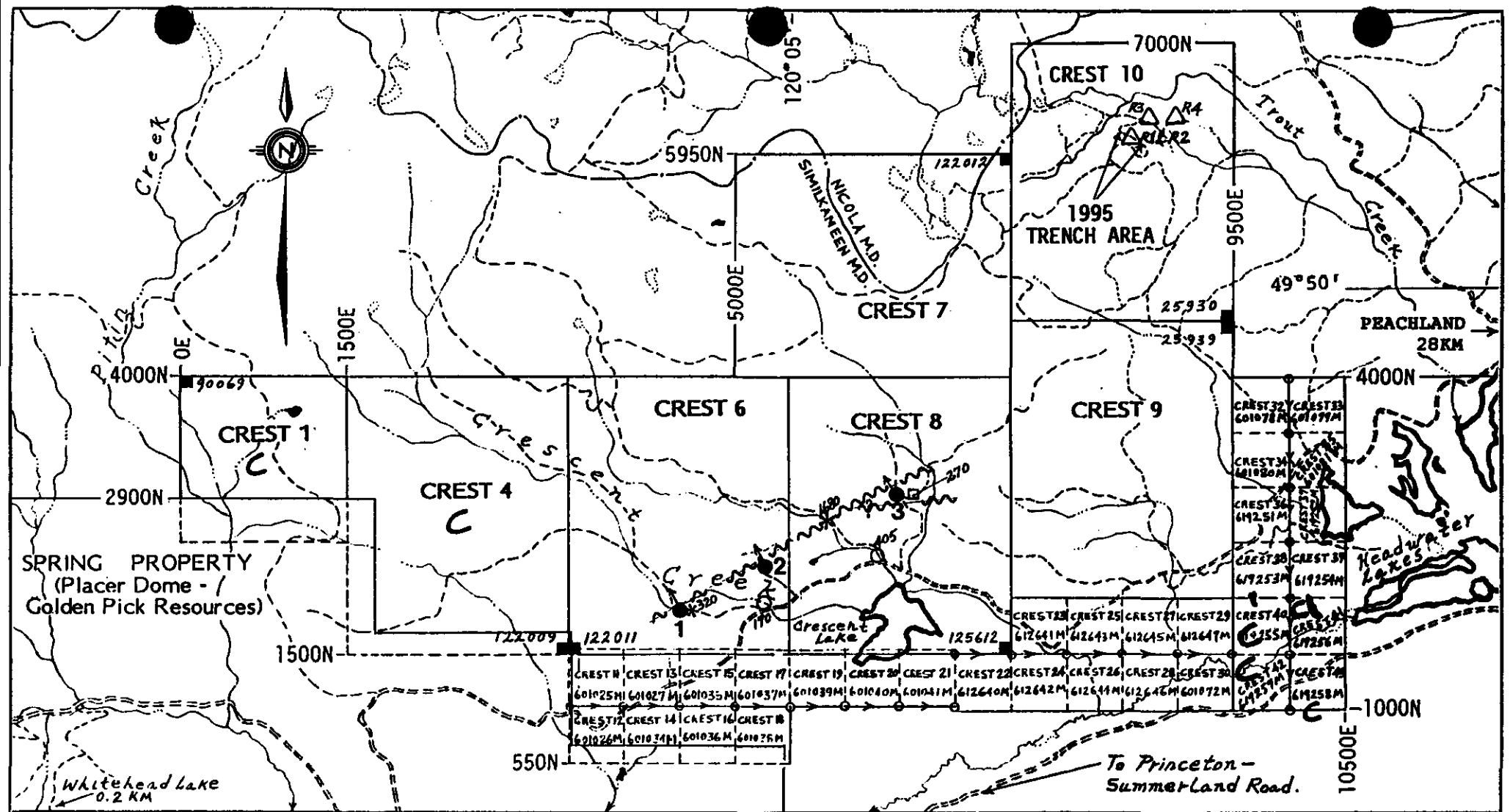
PRINCETON

Nickel Plate Au

Skaha Lake

Similco Cu-Au

Hedley



LEGEND

- 25930 ■ Legal Corner and Tag Number of 4-Post Mineral Claim.
- 601025M ○ Initial and Final Posts, Location Line Direction and Tag Number of 2-Post Mineral Claim.
- C Claim Cancelled during 1995.
- Access Roads, Trails
- 2500E — Grid Line Number
- △^{R2} Reconnaissance Rock Sample Site (C95 Prefix Omitted from Sample Numbers)
- ¹ Diamond Drill Hole Location and Number (CRD95 Prefix Omitted)
- □ * 1989 Bulk Sediment, Soil and Recon. Rock Sample (quartz float) Sites with Au content in ppb. (Bulk Sed. Samples by Placer Dome Inc.)
- 320
- ~ Topographic Depression / inferred Structural Lineament

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**CREST PROPERTY
COMPILATION MAP**

Similkameen and Nicola Mining Divisions
NTS 92H/16E, B.C.



TABLE 1

CLAIM STATUS

NTS: 92/H - 16E
Similkameen Mining Division, British Columbia

<u>CLAIM</u>	<u>UNITS</u>	<u>TENURE NO.</u>	<u>EXPIRY DATE</u>
CREST 6	20	249643	14 SEP 1997
CREST 7	20	249644	16 SEP 1997
CREST 8	20	249645	16 SEP 1997
CREST 9	20	249646	17 SEP 1999
CREST 10	20	249647	16 SEP 2000
CREST 11	2-post	249648	14 SEP 1996
CREST 12	2-post	249649	14 SEP 1996
CREST 13	2-post	249650	14 SEP 1996
CREST 14	2-post	249651	14 SEP 1996
CREST 15	2-post	249652	14 SEP 1996
CREST 16	2-post	249653	14 SEP 1996
CREST 17	2-post	249654	14 SEP 1996
CREST 18	2-post	249655	14 SEP 1996
CREST 19	2-post	249656	15 SEP 1996
CREST 20	2-post	249657	15 SEP 1996
CREST 21	2-post	249658	15 SEP 1996
CREST 22	2-post	249667	29 SEP 1996
CREST 23	2-post	249668	29 SEP 1997
CREST 24	2-post	249669	29 SEP 1997
CREST 25	2-post	249670	29 SEP 1996
CREST 26	2-post	249671	29 SEP 1996
CREST 27	2-post	249672	29 SEP 1996
CREST 28	2-post	249673	29 SEP 1996
CREST 29	2-post	249674	29 SEP 1996
CREST 30	2-post	249675	29 SEP 1996
CREST 32	2-post	249930	11 OCT 1996
CREST 33	2-post	249931	11 OCT 1996
CREST 34	2-post	249932	11 OCT 1996
CREST 35	2-post	249933	11 OCT 1996
CREST 36	2-post	249934	11 OCT 1996
CREST 37	2-post	249935	11 OCT 1996
CREST 38	2-post	249936	12 OCT 1996
CREST 39	2-post	249937	12 OCT 1996

33 CLAIMS

100 UNITS
+ 28 2-post CLAIMS

4.0 GEOLOGY

4.1 Regional Geology (Figure 1)

Regional geology in the area of the Crest property is shown on the northeast part of GSC Map 41-1989, Hope, by J.W.H. Monger, 1989 and the northwest part of GSC Map 1736A, Penticton, by D.J. Templeman-Kluit, 1989 which are condensed on Figure 1.

The claims are underlain predominantly by plutonic rocks of the Early to Late Jurassic Pennask and Osprey Lake batholiths. The northern extension of the property is underlain by part of a large pendant consisting of volcanic and sedimentary rocks of the Late Triassic Nicola Group.

The plutonic suite comprises white to grey, medium to fine grained Pennask granodiorite, and lesser reddish coarse grained Osprey granite. Nicola Group lithologies consist of andesitic to basaltic flows and tuffs interspersed with argillite, siltstone and impure limestone units.

Quartz veining is locally abundant and most prevalent near the edges of the batholiths. Porphyry style copper-molybdenum mineralization has been mined from Pennask intrusive rocks at the Brenda deposit near the east contact of the Nicola pendant, 4 kilometres northeast of the Crest property.

4.2 Property Geology and Mineralization

The geology of the Pennask Mountain area, which covers most of the claim group, was mapped at 1:25000 scale by G.L. Dawson and G.E. Ray of BCMEMPR in 1987. No property-scale mapping has been conducted to date, however geological observations have been made by Fairfield personnel in and around the present Crest area during prospecting and reconnaissance sampling since 1986.

Jurassic batholith rocks underlying about 80% of the current property area consist mainly of granodiorite with minor coarse reddish granite, increasing to the west. These units are cut and altered locally by younger, porphyritic intrusions of probable Late Cretaceous or Early Tertiary Age (Otter Intrusions). Such quartz-feldspar porphyry dykes and small stocks (?) occur in several places on the south-central claims, in apparent alignment with a major northeast-southwest topographic/structural lineament centered about one kilometre north of Crescent Lake. Along or near this structure, local zones of fracturing and shearing in the older granitic rocks are accompanied by rusty clay alteration and occasional quartz-carbonate-sulphide veining. Several stream sediment and soil sample sites with very high gold values (up to 405 and 720 ppb respectively) straddle the lineament, and samples of quartz-sulphide vein float found near some of these sites have yielded up to 1680 ppb Au, 87.0 ppm (2.5 oz/ton) Ag (CREST 11, 6 & 8 claims). Observed sulphide mineralization is mainly pyrite with sparse occurrences of galena, sphalerite, chalcopyrite and possibly tetrahedrite (?). The lineament was drill tested during 1995 and the results of this work are given in a following Section 7.

On the southern and western claims, aplite dykes are also common and may represent a late stage of the Jurassic intrusions. Glassy quartz veins and masses often accompany aplite but to date have not yielded any significant sample results.

Large blocks of schistose rocks occur in the north-central claims near the Nicola contact. These may be xenoliths of volcanic and sedimentary rocks which have been partially melted and

recrystallized during intrusive events, or they may be screens of Precambrian basement rocks which were brought up by the magma body.

The periphery of the main Nicola pendant on the northern claims (CREST 7 & 10) is strongly silicified, with abundant disseminated pyrite and pyrrhotite and local calc-silicate or skarn development. Within this area, particularly on the northern CREST 10 claim and on an adjoining Pen claim, locally abundant quartz veins and stringers have been found cutting siliceous volcanic rock and argillite. The quartz is glassy grey to opaque white or dark rosy with generally sparse disseminated pyrite and minor fine black grains, possibly specular hematite. Veins located to date appear to be irregular and discontinuous, with variable attitudes. Some of the large ones are pegmatitic containing coarse intergrown micas and feldspar. Selected grab and chip samples from individual veins (up to 10cm in width) and from altered rock with stringers have returned several gold analyses of greater than 1000 ppb, up to 8640 ppb (0.252 oz/ton Au, L44-R4/1986). Also, a small sample of hematitic quartz chips in overburden yielded phenomenal assays of 8.534 oz/ton Au, 35.72 oz/ton Ag (C90-R13/1990).

The style and distribution of mineral showings found to date on the CREST 10 and surrounding Pen claims suggest the presence of a substantial mineralized system. Significant gold grades have been returned from samples of sulphide-lean quartz veins or stockworks (?). A number of these occurrences contain hematite and/or anomalous As±Bi±Mo±W coincident with high gold values. Such vein mineralogy and elemental associations are characteristics of gold porphyry-type deposits, as recently described in published literature (Hollister, 1991-92). As well, the overall geological environment at Crest is similar to that on Fairfield's Elk property 11 km to the west. At Elk, high-grade gold-quartz vein structures are hosted by granitic batholith and adjacent Nicola volcanic rocks. Although most of the known veins at Elk contain abundant sulphides (mainly as pyrite), extensive ore sampling results from the Sivash Gold Mine there also show a significant gold-bismuth correlation.

5.0 GEOCHEMISTRY

5.1 Introduction

Geochemical work on the Crest property in 1995 consisted of grid soil sampling and minor reconnaissance rock sampling. Totals of 298 soil and 4 rock samples were collected, bringing the cumulative sums of these since initial claim acquisition in 1989 to 7667 and 78 respectively.

The soil geochemistry consisted entirely of fill-in sampling at 50m by 50m spacing around selected existing gold anomalies. This work generated 295 samples from the northeastern property area which encompasses the best gold targets as defined by collective results of previous surveys. Additionally, in the same area, one of the 1995 stations was resampled and, in the western claim area, two 1994 stations were resampled to check original anomalous gold results.

5.2 Sampling/Analytical Procedures

Soil sample locations were established by compassing and chaining out from the existing grid stations, and were similarly marked with grid-numbered waterproof Tyvek tags plus orange and blue flagging. Samples were collected from the "B" horizon with mattocks and placed in Kraft paper bags marked with the appropriate grid coordinates. The soils were sent to Acme Analytical Laboratories Ltd. in Vancouver where they were dried, sieved and the -80 mesh fraction tested for gold content. Each sample was analyzed for gold by atomic absorption (AA) following aqua regia digestion and MIBK extraction from a 10-gram subsample. *Sample depth range is 15-50 centimeters*

Rock sample sites were marked with numbered pink flagging and grid-referenced by surveying to local soil stations. The rock samples had an average weight of 1 to 2 kilograms with chips ranging from 1 to 7 cm in diameter. They were also shipped to Acme Analytical Laboratories Ltd. in Vancouver where they were each crushed to minus 3/16 inch then 250 grams split out and pulverized to minus 100 mesh. All were analyzed for gold from 20-gram subsamples, by the same method as that used for the soils. Additionally, 30-element ICP determinations were made from 0.5-gram cuts.

5.3 Soil Results (Plate 1)

Integrated 1995 and prior gold soil geochemical results are plotted on Plate 1. The geochemical grid location relative to claim boundaries is shown on Figure 2. Complete 1995 analyses from all samples are contained in Section 13.

Increasing symbol sizes on Plate 1 correspond to values <10, ≥10, ≥20, ≥50 and ≥100 ppb Au. Values greater than 20 ppb Au are considered significant anomalies; those less than 10 ppb Au are not posted as they are probably below threshold.

The 1995 sampling confirmed and extended 18 of 20 anomalies tested. The results identify 16 sites of anomalous gold, seven of which are >50 ppb up to a high of 370 ppb, and 24 sites with threshold values of 10-20 ppb Au. These values indicate additional trends and further define some of the existing trends within broad zones of gold enrichment outlined by earlier programs, in the eastern half of the property (Ref. this Section in 1994 Geochemical and Trenching Report on the Crest Property). The various anomaly trends are depicted on Plate 1; they have been interpreted

from cumulative grid soil sampling results, local geological observations and field experience gained on other nearby Fairfield properties since 1986.

5.4 Anomaly Evaluation and Follow-up (Figure 2 and Table 2)

Prospecting was conducted around selected gold soil anomalies throughout the claim group, but with emphasis on the strongest of those located in 1995. Four reconnaissance rock samples were collected; their locations are shown on Figure 2. Sample types and descriptions together with collated gold, silver, copper, lead and zinc results are given in Table 2. Complete analyses for all 30 elements tested are included in Section 13.

All of the rock samples were from quartz vein occurrences on the north-central CREST 10 claim, within and near the 1994/95 Trench Area B. The two which returned significant gold analyses of 1280 ppb (-R1) and 1540 ppb (-R3) were collected at or close to known showings in order to verify original (1986) gold results and to test for additional elements not previously determined. Their locations, as well as that of R3 (57 ppb Au), and partial results are shown on Plate 2 in addition to Figure 2. Significant gold was confirmed at both of the L44-R11, R4 (1986) sites that were checked, but the 1995 samples yielded lower values. An association of high gold with anomalous As± Bi± Mo± W is evident from the results of reconnaissance and trench rock samples in the local area. This association is indicative of a gold porphyry system as explained under Section 4.2.

Several other anomalies or groups of anomalous and threshold value-sites that were examined include the following highs:

- | | | |
|-----|-------------|--------------|
| (1) | 8500E/4800N | - 200 ppb Au |
| | 8650E/4800N | - 89 ppb Au |
| | 8550E/4750N | - 56 ppb Au |
| (2) | 9100E/6500N | - 140 ppb Au |
| | 9300E/6450N | - 30 ppb Au |
| (3) | 8950E/3250N | - 97 ppb Au |
| | 9100E/3350N | - 82 ppb Au |

No mineral occurrences were found at any of the above. Locality (1) on the southern CREST 10 claim has no bedrock exposure. Northerly and northeasterly trending gullies were noted between till mounds and ridges. Locality (2) on the northeastern CREST 10 claim is within Trout Creek canyon (south side), on a steep rocky slope with bluffs of granodiorite. Rusty orange and red (hematitic) soil was observed at the 140 ppb Au - station, but no alteration or veining was seen in surrounding talus. Locality (3), on the east-central CREST 9 claim, is in an area of four previously located strong anomalies comprising the sites of 141/160/167/316 ppb Au (see Plate 1). Deep, sandy till is prevalent in this area. Some northerly and easterly trending swampy depressions are present, possibly reflecting buried linear gold-bearing structures.

Three stations with high gold values were resampled to check original (1994/95) analyses. None of these anomalies were confirmed as set out below:

<u>Station</u>	<u>Original Analysis & Date</u>	<u>Resample Value</u>
2550E/1600N	610 ppb Au - 1994	1 ppb Au
2900E/2000N	270 ppb Au - 1994	16 ppb Au
6950E/4500N	370 ppb Au - 1995	4 ppb Au

Both of the 1994 stations are in a locality that was also previously prospected. Three rock samples collected in 1990, from occurrences of quartz-carbonate alteration and veining in the underlying granitic terrane, yielded only one weakly anomalous gold value of 130 ppb (C90-R17, Ref. 1990 Report, p. 14). Several other strong but sporadic gold soil anomalies are present in the surrounding area; however, nearly all of these have not been confirmed or extended by fill-in sampling. Consequently, the overlying CREST 1 & 4 claims were allowed to lapse.

The 1995 site of 370 ppb Au (6950E/4500N), on the southeastern CREST 7 claim, is situated on a moderately steep south slope below other anomalous stations of up to 121 ppb Au. Shallow overburden is apparent over biotite-rich contact-phase granodiorite exposed along a nearby new logging spur road. Rusty orange to white clay-altered shears were noted locally, as well as along several other new or rehabilitated roadcuts on the adjacent northern CREST 6, 8 & 9 claims. Road construction and logging were active at the time, therefore careful prospecting (for veins) and sampling of these shears remain to be conducted.

TABLE 2:

**CREST PROPERTY 1995
RECONNAISSANCE ROCK SAMPLES**

<u>Sample Number</u>	<u>Approximate Grid Location</u>	<u>Type and Description</u>	<u>Analyses: (Au-ppb, others-ppm)</u>				
			<u>Au</u>	<u>Ag</u>	<u>Cu</u>	<u>Pb</u>	<u>Zn</u>
C 95-R1	6095N/8390E (see also Plate 2)	Selected float grabs from same occurrence as that sampled in 1986 (L44-R11/2240 ppb Au). Angular qz vn fgmnts up to 7-cm diameter. White, sugary-textured to glassy qz w/few vugs, rusty cavities, sericite & intergrown weath fspar, trace dull gy metallics (?).	1280	4.1	12	8	8
			(Mo - 21 ppm)				
C95-R2	6025N/8385E (see also Plate 2)	Selected bedrock rubble grabs. Rusty-frac, silic purple volc w/1-3cm wide glassy qz-chlorite vns carrying minor dissem pyh.	57	0.7	26	6	25
			(As - 11 ppm)				
C95-R3	6150N/8480-85E (see also Plate 2)	Selected grabs, subcrop ~ 7-8m WNW of 1986 Samples L44-R4, R4A/8650 & 6790 ppb Au. 1-5cm glassy, granular qz vn w/local massive py & pyh (?) selvages - hosted in band of calc-sil hnfels.	1540	2.6	82	3	37
			(Bi - 11ppm, Mo - 211ppm, W - 15ppm)				
C95-R4	6205N/8925E	Float grab; chips from sub-rounded 12x13x18 cm qz cobble. Fine gr, dull greyish qz w/mod py + pyh as dissems, frac fillings. Some blue-green and yellow staining.	19	<0.3	81	3	3
			Rerun:				
			18	<0.3	81	5	2

6.0 TRENCHING (Plate 2)

6.1 Introduction

During August, trenching was undertaken adjacent to the 1994 Area B on the CREST 10 claim to further test gold soil geochemical anomalies and quartz vein float occurrences located in 1986 and 1990. Two trenches totalling 111 m (364 ft.) were dug approximately 100 m northeast and 250 m northerly from Trench CR94-6. Sporadic, weak bedrock mineralization was revealed in one of the trenches; however, no sources were found for the strongest soil anomaly (340 ppb Au) and the best-grade float occurrence (2240 ppb Au).

6.2 Trenching Operations

The trenches were excavated by Wiltech Developments Inc., of Kelowna, BC, using a Caterpillar 225 excavator, and were located along an old roadside to minimize environmental impact. Bedrock was reached in both trenches. Trench depths varied between 0.0 to 2.0 metres, averaging about 0.5 metres. The rate of trenching averaged 14 metres per hour. Trench statistics are summarized in Table 3.

Two types of quick-detachable buckets were used on the machine: a thirty-six inch toothed bucket for digging through overburden and a smooth bucket for cleaning to bedrock. A Sullair 180 CFM air compressor and firehose were used to clean the remaining soil from trench floors.

Bedrock geology was initially mapped in detail at 1:50 scale and subsequently compiled at 1:250 scale (Plate 2). Seven chip or panel samples and one grab sample were collected from favourable structures and areas of alteration. Sampling was done manually. Significant results are plotted on the trench plan map (Plate 2). Individual sample descriptions, dimensions and partial results are presented in Table 4; complete analyses and assays are included in Section 13.0.

The trenches were surveyed using a Brunton compass and a 50-metre steel chain, and tied into the local soil geochemical grid. All trenches, including those from 1994 (Areas A & B) were backfilled, landscaped and subsequently grass-seeded.

Table 3:

TRENCH SUMMARY

Trench Number	Length (m)	Width		Average Depth	Estimated Volume (m ³)	Number of Samples
		Top	Bottom			
CR95-7	65.0	2.1	1.7	0.5	61.8	8 rock, 14 basal soil
CR95-8	46.0	0.5	0.5	0.1	1.2	10 basal soil
Total	111.0				63.0	32 (rock & soil)

6.3 Trench Results

Fresh to moderately silicified porphyritic volcanics underlie both trenches, with localized shearing and argillic alteration, and some narrow quartz veins. Totals of 8 bedrock and 24 basal soil samples were collected. Six of the rock samples returned anomalous gold results from 0.007 oz/ton (240 ppb) up to an averaged high of 0.056 oz/ton (1920 ppb), coincident with anomalous Ag± As± Bi. Nineteen of the soil samples yielded threshold to strongly anomalous gold values from >10 to 890 ppb.

Trench CR95-7 (65 metres, South to North) is underlain by purple porphyritic volcanic rocks, locally moderately silicified, with some of the feldspar phenocrysts weakly saussuritized. A few shears cut the bedrock.

A 5 cm glassy quartz vein with traces of pyrite and arsenopyrite was uncovered at 21.5m N. The vein runs subparallel to a shear trending about 075°/90° to 085°/90°. Samples of the vein, shear and surrounding rock returned gold values of 0.002 to 0.017 oz/ton, with elevated arsenic to 88 ppm.

At about 29m N, a pod of intensely silicified, pale blue-green porphyry with trace pyrite was uncovered. Sampling of this material returned no significant assay.

A similar pod of moderate to strongly silicified volcanic, containing numerous subparallel stringers with up to 1% disseminated pyrite, was exposed at 43m N. A sample of this material returned gold assays of 0.050 to 0.063 oz/ton (0.056 oz/ton averaged), with elevated silver to 8.2 ppm and bismuth to 27 ppm.

An irregular, glassy quartz pod lying along a hematite-lined fracture was uncovered at 47m N. Trace pyrite and a weak boxwork with limonite was noted. Surrounding rocks were only weakly altered with a moderate limonite stain. A grab sample of this material assayed 0.009 oz/ton gold.

At 51m N, a 1 cm glassy quartz vein was exposed. No sulfide was noted in or around the vein, but moderate limonite staining was present. A sample of this material returned an anomalous gold value of 0.007 oz/ton (240 ppb).

Massive, generally unaltered, coarsely fractured porphyry was encountered in the remainder of the trend.

Basal soil samples were taken every 5 metres along the trench. High gold values of 140 ppb and 890 ppb were returned at the 5m N and 30m N marks. Probable sources for these anomalies are the mineral occurrences at 0-6m N (quartz rubble in overburden, 1986 Sample Site L44-R11) and at 43m N (stringer zone/CR957-5). The soil samples yielded seven other, threshold to weakly anomalous values of 11-35 ppb Au.

Trench CR95-8 (46 metres, S to N) was located about 78.5 metres south of trench CR95-7. Exposed bedrock consisted of dark purple porphyritic volcanic, relatively unaltered but somewhat hornfelsic, with only minor silicified bands. Minor limonite staining and a few shear planes were noted. No bedrock samples were taken.

Basal soil samples were taken at 5m intervals. A high value of 160 ppb Au was returned at the 5m N mark, with no obvious source. All of the remaining (9) samples yielded threshold to moderately anomalous gold values of 11 to 53 ppb.

TABLE 4

TRENCH ROCK SAMPLE SUMMARY

SAMPLE NUMBER	LENGTH (m)	WIDTH (m)	GOLD oz/ton	OTHER (ppm)	DESCRIPTION
CR957-1A	0.50	0.25	0.017		5cm glassy quartz vein in shear; trace pyrite, arsenopyrite
CR957-1B	0.50	0.25	0.008		5cm glassy quartz vein in shear; trace pyrite, arsenopyrite
CR957-2	0.65	0.15	0.002		shear parallel to sample CR957-1A, -1B
CR957-3	0.50	0.40	0.016		shear on-line with glassy quartz vein in CR957-1A, -1B
CR957-4	0.50	0.10	0.002		intensely silicified blue-green porphyry
CR957-5	0.50	0.50	0.050	Ag 8.2, Bi 27	strongly silicified porphyry with numerous stringers
CR957-5		rerun	0.055	Ag 7.8, Bi 18	
CR957-5		rerun	0.063	Ag 7.2, Bi 25	
CR957-6G		GRAB	0.009		quartz pod with trace pyrite along hematitic fracture
CR957-7	0.50	0.10	0.007		poddy, glassy quartz vein with no pyrite

7.0 DIAMOND DRILLING (Figures 2-5)

7.1 Introduction

Reconnaissance diamond drilling was carried out on the CREST 6 & 8 claims between August 26 and August 31, 1995. Three wide-spaced NQ size holes, totalling 258.46m (848 ft.), were drilled to test for a suspected gold-bearing structure in a prominent linear topographic depression with coincident quartz vein float occurrences and possibly associated downstream/down-ice geochemical anomalies (see Figure 2 and refer to Section 4.2). Leclerc Drilling Ltd. of Beaverdell, B.C., performed the work using a skid-mounted Longyear 38 drill. Overall core recovery was 84% at an average drilling rate of 6.46m (21.2 ft.) per hour. Drill information is summarized on Table 5.

Diamond drilling was employed in lieu of trenching or other drilling methods for the following reasons:

- a) expected deep overburden;
- b) ready availability of the drill rig from Fairfield's nearby Elk Project;
- c) a decision to obtain bedrock core rather than chip samples, thus facilitating lithological and structural determinations (i.e. procuring better-quality geological data from the target zone).

7.2 Drilling Operations

Drill sites were located approximately 850m and 1350m apart, along existing roads to minimize environmental disturbance; they were levelled with a D5 Caterpillar bulldozer. Water was pumped to the drill from various creeks in the area, and used drill fluids were contained in sumps dug at each site. The drill was moved between sites with the bulldozer.

Drill holes were oriented to best intersect the presumed attitude of the target structure. Drill hole collar coordinates and elevations were estimated as nearly as possible from the established soil geochemical grid, claim boundary lines, and topographic contours on NTS map 92H/16. Sperry-Sun tests were performed on each hole to test for variations in orientation.

Geotechnical and geological core logging was conducted at the Siwash Gold Mine, 18 km west of the Crest property. Logs were recorded in Lotus 123 spreadsheets for processing using the Placer Dome modified Geolog software package. All the core was photographed at four boxes to the frame, and boxes with bulk (unsplit) vein samples were photographed in detail at 5 frames per box. Core is stored on a pallet at the Siwash Mine.

Fourteen core samples were collected from vein and/or altered bedrock intercepts. These were shipped to Acme Analytical Laboratories Ltd. in Vancouver. All were tested for gold; seven were also tested for an additional suite of 30 elements (ICP).

TABLE 5

**CREST PROPERTY 1995
DIAMOND DRILL SUMMARY RECORD**

Hole #	Northing	Easting	Elevation (metres)	Dip (degrees)	Azimuth (degrees)	Start Date	Finish Date	Depth (metres)
CRD95-1	1790.0	4245.0	1435	-45	330	Aug. 26	Aug. 27	71.93
CRD95-2	2230.0	5040.0	1450	-45	330	Aug. 27	Aug. 29	85.95
CRD95-3	2875.0	6350.0	1425	-45	330	Aug. 29	Aug. 31	<u>100.58</u> 258.46

7.3 Drilling Results

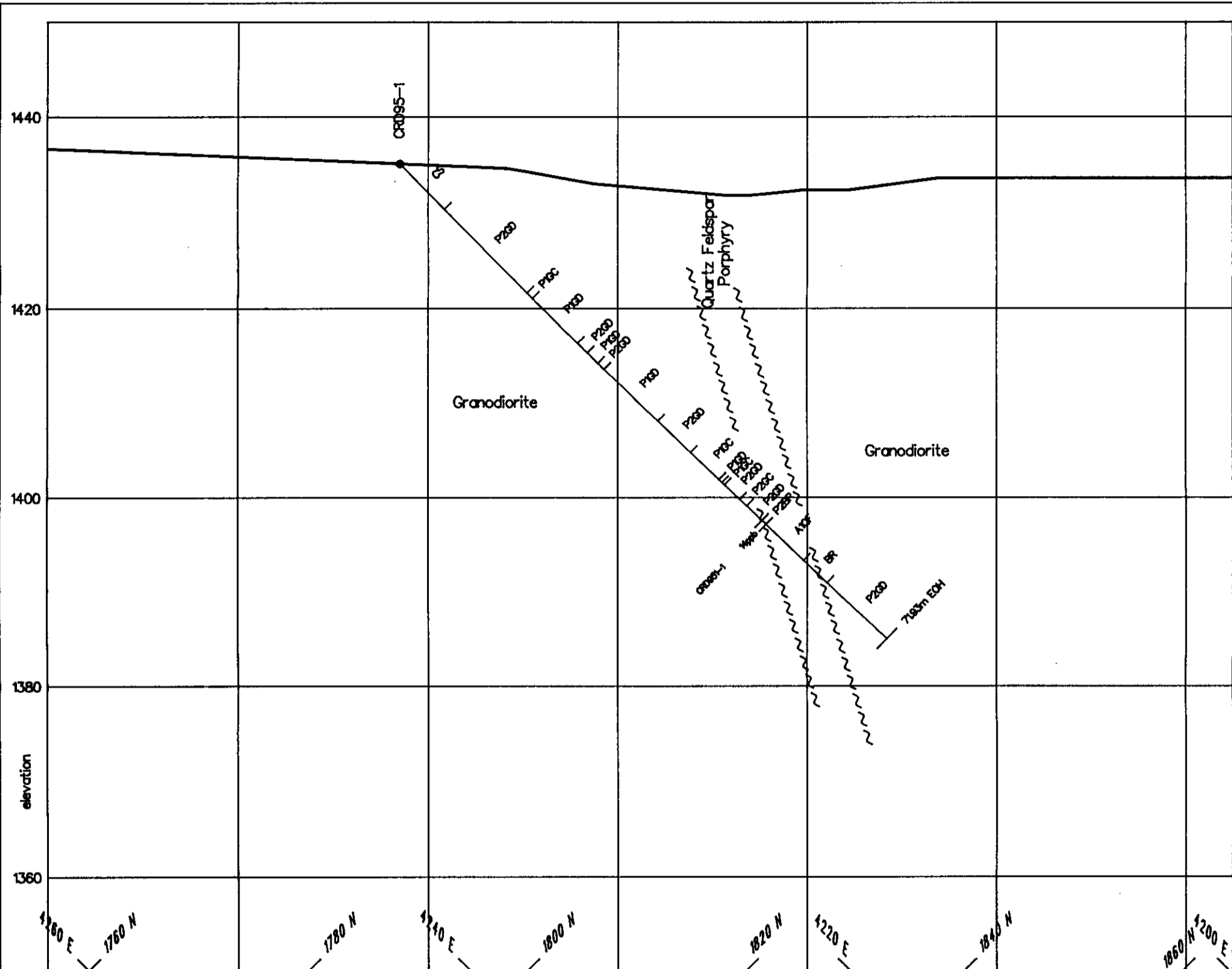
Summary geological logs and sample records of the drill holes are attached in Section 12, and drill hole locations are shown on Figure 2. The subsurface geology and sample locations are plotted on drill sections, Figures 3 to 5. Analytical results are contained in Section 13.

The 1995 drill program failed to reveal any significant gold mineralization at the sites tested and therefore did not identify bedrock sources for any of the local geochemical anomalies or mineralized quartz float occurrences. However, the presence of a major fault/shear structure(s) with attendant late-stage igneous rocks (felsic dykes), alteration, brecciation and localized quartz-calcite veining was confirmed by all three holes. Moderate to strong sericitic and/or phyllic alteration evidenced in two of the holes indicates the existence of a hydrothermal system, which is encouraging for further exploration potential.

Hole CRD95-1 intersected weakly to moderately propylitic-altered, foliated granodiorite, with interspersed metavolcanic rocks or relatively mafic contact-phase granodiorite. A few small pegmatite bodies and a narrow aplite dyke were also noted. The granodiorite is locally sheared and cut by narrow faults. From 54.2m to 59.7m depth, a weakly clay- and chlorite-altered quartz-feldspar porphyry dyke was encountered. The dyke contains about 10% subhedral to euhedral feldspar phenocrysts, up to 3 cm long, and less abundant quartz. Both dyke margins are considerably sheared, and the upper boundary is marked by a 0.5m thick band of foliated breccia. Below the dyke is a zone of breccia and sheared granodiorite about 2m wide. No strong hydrothermal alteration was observed in or adjacent to these zones of deformation.

Hole CRD95-2 intersected variably altered dark grey to black diorite or contact-phase granodiorite which grades to granodiorite at about 58m depth. Pyrite and pyrrhotite are locally disseminated in the more mafic intrusive rocks. In the upper 47m, xenoliths of metasedimentary and metavolcanic rocks are common and display chlorite± carbonate± sericite alteration as well as silicification. A very coarse grained quartz-calcite-albite vein or pegmatite containing trace pyrite was intersected at 26.6m. The granodiorite below 58m is variably chloritized and sericitized, and intruded by several dykes of granitic composition. Numerous narrow faults and several gouge bands and brecciated intervals are present. Commonly, the style alteration grades to strong sericitic and phyllic, with quartz-calcite veinlets and stringers. An 11 cm wide calcite-quartz vein intercept at 78.92m contained a small crystal of galena. Strong but very localized epidote and hematite alteration was noted along fractures at 82.18 and 82.67m depth.

Hole CRD95-3 encountered normal granodiorite to biotite-rich contact-phase granodiorite, with substantial intervals of metamorphosed intermediate to mafic volcanic rocks from 0 to 44.5m. Portions of the volcanic and intrusive rocks contain disseminated pyrrhotite. A calcite-rich vein 2 cm wide was noted at 22.2 m depth. The granodiorite below 44.5 m is generally variably chloritized, with common intervals of fault gouge and breccia 2 cm to 1 m wide. Moderate sericitic alteration is present from 44.55 m to 44.95 m, and several narrow bands of similar alteration occur between 99.22 m and 99.57 m depth.



LEGEND

LATE CRETACEOUS - TERTIARY

OTTER INTRUSIONS (?)
 QF Quartz Feldspar Porphyry - medium fine grained, medium grey intrusive containing about 10% subhedral to euhedral feldspar phenocrysts to 3mm long, and up to 5% quartz "eyes" to 8mm diameter; some light brown biotite noted; variably clay-chlorite altered

JURASSIC

FENNASK BATHOLITH
 Bt Diorite - medium fine grained, medium grey intrusive containing plagioclase-biotite-hornblende-quartz
 GD Granodiorite - medium grained, light medium grey intrusive with plagioclase-biotite-hornblende-quartz
 (GC - contact phase Granodiorite - fine to very fine grained granodiorite)

UPPER TRIASSIC

NICOLA GROUP
 AV Andesitic Volcanic - medium green, purple, or near-black volcanic rock, generally featureless, locally scummed
 MD Mudstone - light to med. grey brown to greenish, fine grained sediments, well laminated showing primary sedimentary features including graded bedding.
 VS Volcanic/Sediments - light to med. grey to green siliceous rock, generally featureless

ALTERATION CODES

Ax	Argillic	Px	Propylitic
Cz	Carbonate	Rx	Skarn
Fx	Phylic	Sx	Sericitic
Kx	Potassic	Xx	Silicification

x = 1 to 5 (weak to intense)

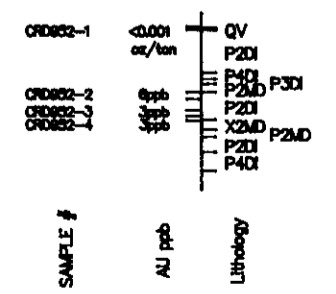
SYMBOLS

~~~~~ Shear or fault  
 - - - - Quartz vein  
 - - - - Lithologic contact

CS Coaling  
 BR Fault breccia and gouge  
 GG Gauge - mainly crushed rock and small rock fragments  
 QV Quartz vein - mainly quartz with varying amounts of calcite, pyrite, chalcopyrite, arsenopyrite

**DDH CRD95-1**  
 drilled at -45° inclination, 330° azimuth

**TRACE OF DRILL HOLE**



**FAIRFIELD MINERALS LTD.**  
 1060 - 1055 West Hastings Street Vancouver, British Columbia V6E 2E9

**CREST PROPERTY**

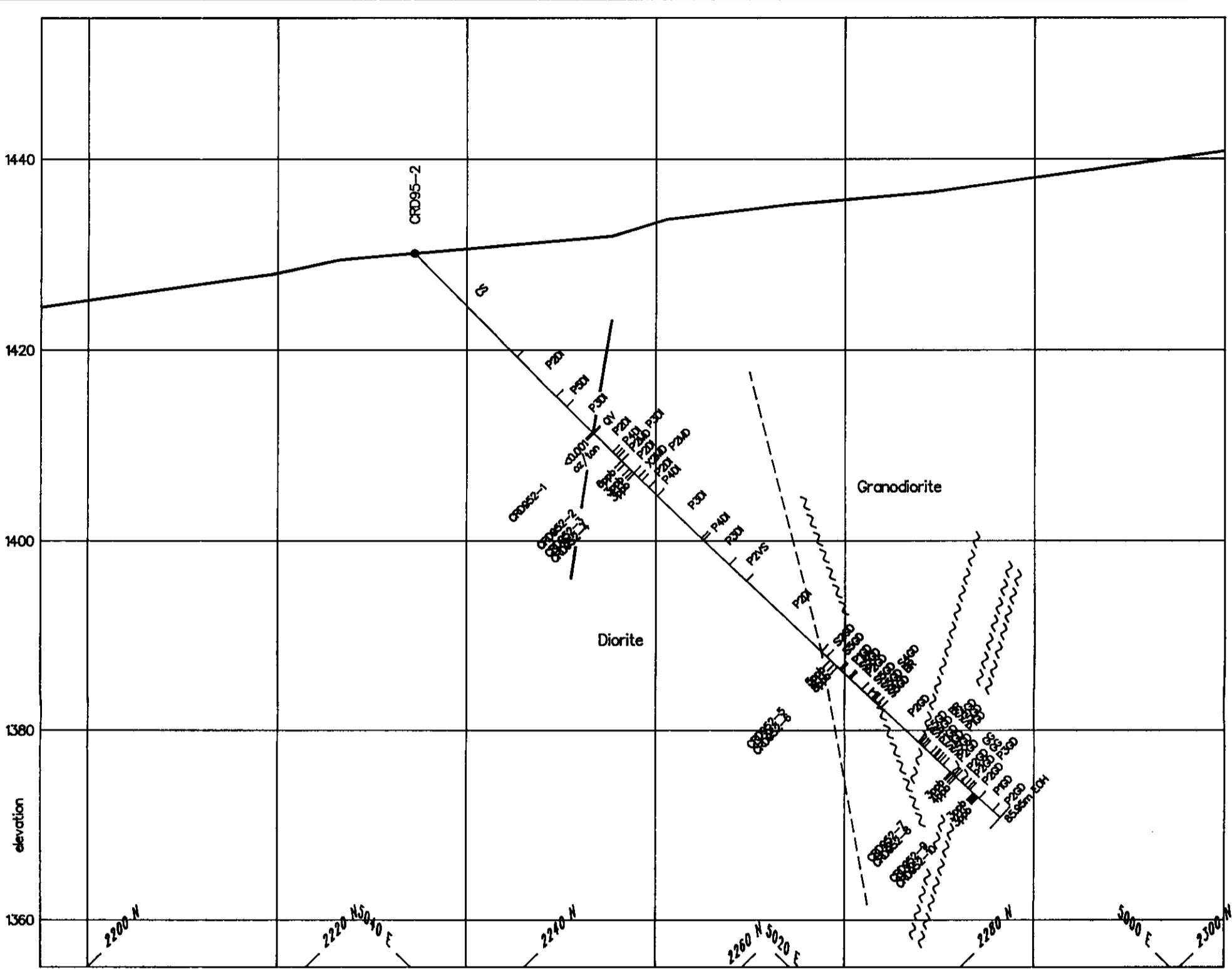
**DIAMOND DRILL SECTION THROUGH DDH CRD95-1**  
 SCALE 1 : 500  
 LOOKING SOUTHWEST

0 5 m.

Drawn by PWC  
 February, 1996

**Figure 3**





**LEGEND**

LATE CRETACEOUS - TERTIARY

OTTER INTRUSIONS (?)

QF Quartz Feldspar Porphyry - medium fine grained, medium grey intrusive containing about 10% subhedral to euhedral feldspar phenocrysts to 1cm long, and up to 5% quartz "eyes" to 8mm diameter; some light brown biotite noted; variably clay-chlorite altered

JURASSIC

PENNASK BATHOLITH

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- GD Granodiorite - medium grained, light medium grey intrusive with plagioclase-biotite-hornblende-quartz (GC - contact phase Granodiorite - fine to very fine grained granodiorite)

UPPER TRIASSIC

NICOLA GROUP

- AV Andesitic Volcanic - medium green, purple, or near-black volcanic rock, generally featureless, locally skarnified
- MD Mudstone - light to med. grey brown to greenish, fine grained sediments, well laminated showing primary sedimentary features including graded bedding.
- VS Volcanics/Sediments - light to med. grey to green siliceous rock, generally featureless

ALTERATION CODES

- |    |           |    |                |
|----|-----------|----|----------------|
| Ax | Argillic  | Px | Propylitic     |
| Cx | Carbonate | Rx | Skarn          |
| Fx | Phyllic   | Sx | Sericitic      |
| Kx | Potassic  | Xx | Silicification |
- x = 1 to 5 (weak to intense)

- CS Coaling
- BR Fault breccia and gouge
- GC Gouge - mainly crushed rock and small rock fragments
- QV Quartz vein - mainly quartz with varying amounts of calcite, pyrite, chalcopyrite, arsenopyrite

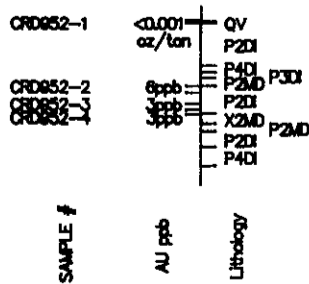
SYMBOLS

- ~~~~~ Shear or fault
- ~~~~~ Quartz vein
- Lithologic contact

DDH CRD95-2

drilled at -45° inclination, 330° azimuth

TRACE OF DRILL HOLE



**FAIRFIELD MINERALS LTD.**

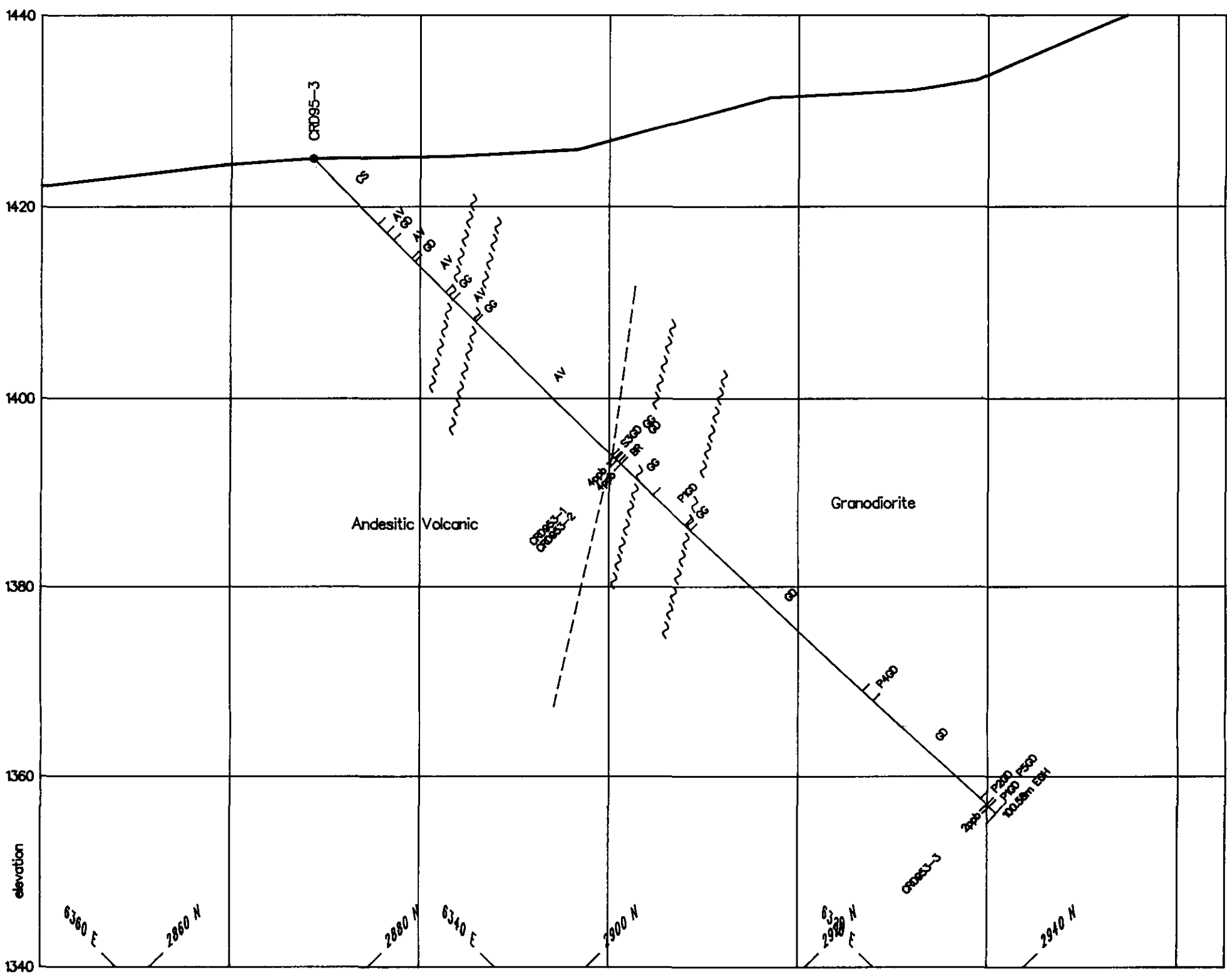
1980 - 1055 West Hastings Street Vancouver, British Columbia V6E 2E9

**CREST PROPERTY**

**DIAMOND DRILL SECTION  
THROUGH DDH CRD95-2  
SCALE 1 : 500 0 5 m.  
LOOKING SOUTHWEST**

Drawn by PWC  
February, 1996

**Figure 4**



**LEGEND**

**LATE CRETACEOUS - TERTIARY**

**OTTER INTRUSIONS (?)**

QF Quartz Feldspar Porphyry - medium fine grained, medium grey intrusive containing about 10% subhedral to euhedral feldspar phenocrysts to 3mm long, and up to 5% quartz "eyes" to 8mm diameter; some light brown biotite noted; variably clay-chlorite altered

**JURASSIC**

**FENNASK BATHOLITH**

DI Diorite - medium fine grained, medium grey intrusive containing plagioclase-biotite-hornblende-quartz

GD Granodiorite - medium grained, light medium grey intrusive with plagioclase-biotite-hornblende-quartz  
(GC - contact phase Granodiorite - fine to very fine grained granodiorite)

**UPPER TRIASSIC**

**NOCLA GROUP**

AV Andesitic Volcanic - medium green, purple, or near-black volcanic rock, generally featureless, locally skarnified

MD Mudstone - light to med. grey brown to greenish, fine grained sediments, well laminated showing primary sedimentary features including graded bedding.

VS Volcanics/Sediments - light to med. grey to green siliceous rock, generally featureless

**ALTERATION CODES**

- Ax Argillic
  - Cx Carbonate
  - Fx Fyric
  - Kx Potassic
  - P Propylitic
  - Pz Siam
  - S Sericitic
  - Xx Silicification
- x = 1 to 5 (weak to intense)

**SYMBOLS**

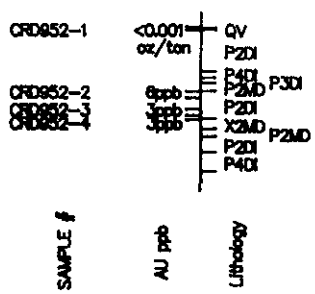
- ~~~~~ Shear or fault
- Quartz vein
- - - Lithologic contact

- CS Coaling
- BR Fault breccia and gouge
- GG Gouge - mainly crushed rock and small rock fragments
- QV Quartz vein - mainly quartz with varying amounts of calcite, pyrite, chalcopyrite, arsenopyrite

DDH CRD95-3

drilled at -45° inclination, 330° azimuth

**TRACE OF DRILL HOLE**



**FAIRFIELD MINERALS LTD.**

1880 - 1055 West Hastings Street Vancouver, British Columbia V6E 2E9

**CREST PROPERTY**

**DIAMOND DRILL SECTION THROUGH DDH CRD95-3**

SCALE 1 : 500 0 5 m.  
LOOKING SOUTHWEST

Drawn by PWC  
February, 1988

Figure 5

## 8.0 PERSONNEL & CONTRACTORS

### Personnel:

|                                                 | <u>Time Period - 1995</u> | <u>Days Worked &amp; Description</u>                                                                 |
|-------------------------------------------------|---------------------------|------------------------------------------------------------------------------------------------------|
| E.A. Balon, Prospector<br>North Vancouver, B.C. | June 15 - September 10    | 19 - General supervision, grid layout, prospecting, trenching, drill site reclamation and surveying. |
| K. Cochrane, Technician<br>Vancouver, B.C.      | August 22 - 31            | 3 - Core logging (Geotech.) and trench cleaning.                                                     |
| P.W. Conroy, Geologist<br>Vancouver, B.C.       | August 23 - September 15  | 7 - Trench mapping, drill supervision, drafting (CADD work).                                         |
| B. Post, Geologist<br>Vancouver, B.C.           | August 22 - 31            | 2 - Core logging (Geol.), trench cleaning.                                                           |
| D. Ritcey, Geologist<br>Vancouver, B.C.         | August 27 - 29            | 1 - Core logging (Geol.).                                                                            |
| J. D. Rowe, Geologist<br>North Vancouver, B.C.  | June 17 - 18              | 2 - Prospecting and drill hole layout.                                                               |
| J. Thornton, Sampler<br>Whistler, B.C.          | July 28 - August 1        | 5 - Soil sampling                                                                                    |
| J. Tindle, Sampler<br>Whistler, B.C.            | July 28 - August 1        | 5 - Soil sampling                                                                                    |

### Contractors:

|                                                                         |                         |                                                                              |
|-------------------------------------------------------------------------|-------------------------|------------------------------------------------------------------------------|
| Leclerc Drilling Ltd.<br>Beaverdell, B.C.<br>(one driller & one helper) | August 25 - September 1 | 7 - Diamond drilling, including mob/demob.                                   |
| Wiltech Developments Inc.<br>Kelowna, B.C.<br>(one backhoe operator)    | August 18 - 28          | 6½ - Trench excavation and reclamation (including 1994 trenches), mob/demob. |

9.0 STATEMENT OF COSTS

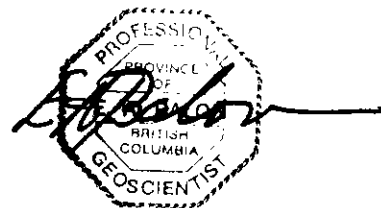
**CREST PROPERTY**

|                                                    |              |
|----------------------------------------------------|--------------|
| PROFESSIONAL, TECHNICAL & GEOLOGICAL SERVICES..... | \$ 4,470     |
| SALARIES & BENEFITS.....                           | 11,370       |
| DIAMOND DRILLING.....                              | 15,760       |
| EXCAVATOR TRENCHING & RECLAMATION.....             | 13,270       |
| GEOCHEMICAL ANALYSIS, ASSAYS & FREIGHT.....        | 2,580        |
| FOOD & ACCOMMODATION.....                          | 2,500        |
| VEHICLE RENTAL AND SUPPLIES.....                   | <u>1,290</u> |

TOTAL EXPENDITURES

**\$51,240**

\*\*\*\*



## 10.0 REFERENCES

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

Rice, H.M.A.:

- 1947: Geology and Mineral Deposits of the Princeton Map-Area B.C. GSC Memoir 243

Rowe, J.D. and Balon, E.A.:

- 1990: 1988 and 1989 Regional Exploration, Southern British Columbia; Okanagan, Princeton and Osoyoos Areas (Cordilleran Engineering Ltd., unpublished report).
- 1991: 1990 Regional Exploration, Southern British Columbia, Okanagan Area (Cordilleran Engineering Ltd. unpublished report).

Rowe, J.D.:

- 1990: 1989 Geochemical Report (Assessment) on the CREST 1-30 Mineral Claims
- 1992: 1991 Geochemical Report (Assessment) on the Pen Property.
- 1993: 1992 Prospecting Report (Assessment) on the Pen Property.

Tempelman-Kluit, D.J.:

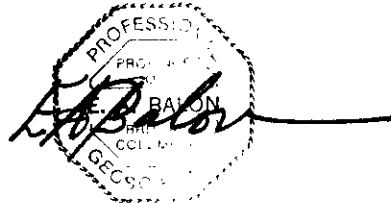
- 1989: Geology, Penticton, British Columbia, GSC Map 1736A, Scale 1:25,000

**11.0 STATEMENT OF QUALIFICATIONS**

I, Edward A. Balon, of North Vancouver, British Columbia hereby certify that:

1. I am a prospector and geological/mining technician residing at 501 - 250 West First Street, and employed by Fairfield Minerals Ltd. of 1980 - 1055 West Hastings Street, Vancouver, British Columbia V6E 2E9
2. I have received a Diploma in Mining Engineering Technology (integrated Geology, Mining and Metallurgy) from Northern College - Haileybury School of Mines, Ontario in 1970.
3. I have attended several Continuing Education Courses in Geoscience since 1970, including Exploration Geochemistry at the University of British Columbia, Vancouver, B. C. in 1984/85.
4. I am a member of the Association of Professional Engineers and Geoscientists of the Province of British Columbia, registration number 20265.
5. I have practiced my profession for twenty-six years in British Columbia, Yukon and Northwest Territories.
6. I am the principal author of this report and supervisor of most of the field work conducted on the Crest claim group during the period June 15 to September 15, 1995.

**FAIRFIELD MINERALS LTD.**



**E. A. Balon, P. Geo**

June, 1996  
Vancouver, B.C.

## STATEMENT OF QUALIFICATIONS

I, Paul Conroy of Vancouver, British Columbia, hereby certify that:

1. I am a professional geologist residing at 3587 East 45th Avenue and am employed by Fairfield Minerals Ltd. of 1980 - 1055 West Hastings Street, Vancouver, B.C.
2. I received a B.Sc. degree in Geological Sciences from the University of British Columbia, Vancouver, B.C. in 1982.
3. I am registered with the Association of Professional Engineers and Geoscientists of British Columbia, receiving professional status in 1992.
4. I have practised my profession for fourteen years in British Columbia, the Northwest Territories, and Yukon Territory.
5. I am co-author of this report and performed part of the field work conducted on the Crest property for Fairfield Minerals Ltd. during August, 1995.

FAIRFIELD MINERALS LTD.



Paul Wm. Conroy, B.Sc., P. Geo.  
Geologist

March 1996  
Vancouver, B.C.

**STATEMENT OF QUALIFICATIONS**

I, David Ritcey of Vancouver, British Columbia, hereby certify that:


I am a professional geologist residing at 24 East 12th Avenue and am employed by Fairfield Minerals Ltd. of 1980 - 1055 West Hastings Street, Vancouver, B.C.

I received a B.A. degree in Geology from Dalhousie University, Halifax, N.S. in 1989, and an M.Sc. degree in Geology from Memorial University of Newfoundland, St. John's, Nfld. in 1994.

I have practised my profession for 3 years in the Northwest Territories, Alberta, and British Columbia.

I am co-author of this report and performed part of the field work conducted on the Crest claim group for Fairfield Minerals Ltd. during August, 1995.

**FAIRFIELD MINERALS LTD.**



David Ritcey, B.Sc., B.A., M.Sc.  
Geologist

May, 1996  
Vancouver, B.C.



**12.0 DIAMOND DRILL LOGS & SAMPLE RECORD**

## Key to Core Log Abbreviations

### LITHOLOGIES

|    |                              |
|----|------------------------------|
| AP | aplite                       |
| AV | andesitic volcanic           |
| BR | breccia                      |
| DI | diorite                      |
| GC | granodiorite (contact phase) |
| GD | granodiorite                 |
| GG | gouge                        |
| MD | mudstone                     |
| OB | overburden                   |
| PG | pegmatite                    |
| QF | quartz-feldspar porphyry     |
| QV | quartz vein                  |
| VS | volcanic/sediment            |

### ALTERATIONS

|    |                |
|----|----------------|
| Ax | argillic       |
| Cx | carbonate      |
| Fx | phyllitic      |
| Px | propylitic     |
| Sx | sericitic      |
| Xx | silicification |

x = 1 to 5, weak to intense

### MINERALS

|    |                   |
|----|-------------------|
| AB | albite            |
| AS | arsenopyrite      |
| CA | calcite           |
| CL | chlorite          |
| CY | clay              |
| EP | epidote           |
| GL | galena            |
| HE | hematite          |
| KF | potassic feldspar |
| LI | limonite          |
| PY | pyrite            |
| QZ | quartz            |
| SE | sericite          |
| SS | saussurite        |

### STRUCTURES

|    |                    |
|----|--------------------|
| BN | alteration banding |
| DK | dyke               |
| FO | foliation          |
| FR | fracture           |
| FT | fault              |
| GG | gouge band         |
| SH | shear              |
| ST | stringer           |
| VN | vein               |

### SULFIDE CONTENT

|    |          |
|----|----------|
| Y1 | 1 - 5%   |
| Y2 | 5 - 10%  |
| Y3 | 10 - 20% |
| Y4 | 20 - 30% |
| Y5 | > 30%    |

### SUMMARY DRILL LOG

DIAMOND DRILL HOLE NUMBER: CRD95-1

PAGE : 1 of 1

PROPERTY : CREST  
 AREA : Crescent Lake  
 CLAIM : Crest 8  
 SECTION : 4245E  
 CORE SIZE : NQ  
 RECOVERY : 90%

DIP : -45  
 AZIMUTH : 330  
 NORTHING : 1790.00  
 EASTING : 4245.00  
 ELEVATION : 1435.00  
 CORE STORED AT : Elk Property, Core Shack, pallets

DEPTH : 71.93 metres  
 DATE STARTED : August 26, 1995  
 DATE FINISHED : August 27, 1995  
 CONTRACTOR : Leclerc Diamond Drilling  
 LOGGED BY : Dave Ritcey

COMMENTS *Diamond drill hole CRD95-1 was drilled to test the nature of a strong, north-east trending lineament. A 5 meter quartz-feldspar porphyry dyke with weak argillic alteration was intersected.*

| GEOLOGY RECORD |       |          |         | ASSAY RECORD  |       |       |        |        |
|----------------|-------|----------|---------|---------------|-------|-------|--------|--------|
| From           | To    | Interval | Geology | Sample Number | From  | To    | Length | Au ppb |
| 0.00           | 6.71  | 6.71     | OB      | CRD951-1      | 53.64 | 54.24 | 0.60   | 14     |
| 6.71           | 18.98 | 12.27    | P2GD    |               |       |       |        |        |
| 18.98          | 19.80 | 0.82     | P1GC    |               |       |       |        |        |
| 19.80          | 26.51 | 6.71     | P1GD    |               |       |       |        |        |
| 26.51          | 27.96 | 1.45     | P2GD    |               |       |       |        |        |
| 27.96          | 29.30 | 1.34     | P1GD    |               |       |       |        |        |
| 29.30          | 30.41 | 1.11     | P2GD    |               |       |       |        |        |
| 30.41          | 38.36 | 7.95     | P1GD    |               |       |       |        |        |
| 38.36          | 43.16 | 4.80     | P2GD    |               |       |       |        |        |
| 43.16          | 47.33 | 4.17     | P1GC    |               |       |       |        |        |
| 47.33          | 47.79 | 0.46     | P1GD    |               |       |       |        |        |
| 47.79          | 48.15 | 0.36     | P1GC    |               |       |       |        |        |
| 48.15          | 50.37 | 2.22     | P2GD    |               |       |       |        |        |
| 50.37          | 51.40 | 1.03     | P2GC    |               |       |       |        |        |
| 51.40          | 53.63 | 2.23     | P2GD    |               |       |       |        |        |
| 53.63          | 54.22 | 0.59     | P2BR    |               |       |       |        |        |
| 54.22          | 59.74 | 5.52     | A1QF    |               |       |       |        |        |
| 59.74          | 63.20 | 3.46     | BR      |               |       |       |        |        |
| 63.20          | 71.93 | 8.73     | P2GD    |               |       |       |        |        |

| SURVEY DATA |     |         |         |
|-------------|-----|---------|---------|
| Depth       | Dip | Azimuth | Type    |
| 0           | -45 | 335     | Brunton |
| 70.41       | -43 | 337.5   | Sperry  |

## DDH CRD95-1

| FROM<br>(m) | TO<br>(m) | MAJOR | MINOR | STRUC | CORE<br>ANGLE | ALTERATION<br>MINERALS (%) | PY<br>% | OTHER<br>SULPHIDES | GANGUE<br>CONSTITUENTS (%) | COMMENTS                               |
|-------------|-----------|-------|-------|-------|---------------|----------------------------|---------|--------------------|----------------------------|----------------------------------------|
| 0.00        | 6.71      |       | OB    |       |               |                            |         |                    |                            |                                        |
| 6.71        | 16.96     | P2GD  |       | FO    | 50            | CL, AB                     |         |                    |                            | VARIABLE INTENSITY ALTERATION          |
| 9.70        |           |       | AP    | DK    | 60            |                            |         |                    |                            | 1 cm; INDISTINCT, MELTS WITH FOLIATION |
| 17.40       |           |       | GG    | FT    | 35            | CY, SE, CL                 |         |                    |                            | 1 cm GG                                |
| 18.96       | 19.80     | P1GC  |       |       |               | CL                         |         |                    |                            | > 30% BIOTITE, MAY BE METAVOLCANIC ?   |
| 19.80       | 26.51     | P1GD  |       | FO    | 65            | AB, CL                     |         |                    |                            | VARIABLY FOLITED 55 - 65 DEG.          |
| 26.51       | 27.96     | P2GD  |       |       |               | CL                         |         |                    |                            | ABUNDANT DIFFUSE XENOLITHS             |
| 27.96       | 29.30     | P1GD  |       | SH    | 65            | AB, CL                     |         |                    |                            |                                        |
| 28.70       |           |       |       | FT    | 45            |                            |         |                    |                            |                                        |
| 29.05       |           |       |       | FT    | 50            |                            |         |                    |                            |                                        |
| 29.30       | 30.41     | P2GD  |       |       |               | CL, AB                     |         |                    |                            |                                        |
| 29.42       | 29.61     |       | GG    | FT    | 20            | CY, SE                     |         |                    |                            | GG AND CRUSHED ROCK                    |
| 30.06       | 30.10     |       | GG    | FT    | 75            |                            |         |                    |                            | GG AND CRUSHED ROCK                    |
| 30.41       | 38.36     | P1GD  | P2GD  | FO    | 60            | CL, AB                     |         |                    |                            | BLEACHED APPEARANCE                    |
| 31.00       |           |       | GG    | FT    | 40            | CL, SE                     |         |                    |                            | FEW mm GG                              |
| 38.36       | 43.16     | P2GD  | P1GD  | FO    | 60            | CL, AB                     |         |                    |                            | BLEACHED APPEARANCE                    |
| 40.12       |           |       |       | FT    | -50           |                            |         |                    |                            |                                        |
| 40.62       |           |       |       | FT    | -20           | HE                         |         |                    |                            |                                        |
| 42.80       |           |       | GG    | FT    | -80           | CY, SE                     |         |                    |                            | SHEARED ROCK AND MINOR GG              |
| 43.16       | 47.33     | P1GC  |       | GD    |               |                            |         |                    |                            | IRREG INJECTIONS AND DYKES OF GD       |
| 44.67       | 44.90     |       | PG    |       |               | CL                         |         |                    |                            | DISCONTINUOUS POD / DYKE               |
| 45.07       | 45.20     |       | PG    |       |               |                            |         |                    |                            | DISCONTINUOUS POD / DYKE               |
| 46.21       |           |       | GD    | DK    | 30            |                            |         |                    |                            | 6 mm PLANAR DYKE                       |
| 46.26       |           |       |       | SH    | 60            |                            |         |                    |                            |                                        |
| 47.33       | 47.79     | P1GD  |       |       |               | CL                         |         |                    |                            |                                        |
| 47.79       | 48.15     | P1GC  |       |       |               | CL                         |         |                    |                            |                                        |
| 48.15       | 50.37     | P2GD  |       |       |               | CL                         |         |                    |                            | COMMON MAFIC XENOLITHS                 |
| 49.26       |           |       |       | FT    | 35            | CL                         |         |                    |                            |                                        |
| 50.37       | 51.40     | P2GC  | P1GD  |       |               | CL                         |         |                    |                            | NARROW P1GD DYKES                      |
| 51.40       | 53.63     | P2GD  |       | SH    | 30            | CL, AB                     |         |                    |                            | ABUNDANT XENOLITHS 51.4 - 52 m         |
| 53.63       | 54.22     | P2BR  |       | SH    | 30            | CL                         |         |                    |                            |                                        |
| 54.22       | 59.74     | A1QF  |       | DK    |               | CY, CL                     |         |                    |                            |                                        |
| 59.74       | 63.20     | BR    |       | SH    | 25            | CL                         |         |                    |                            | GRADES TO STRONGLY SHEARED GD          |
| 63.20       | 71.03     | P2GD  |       | FO    | 75            | CL, AB                     |         |                    |                            | STRONGLY FOLIATED IN PLACES            |
| 63.22       |           |       |       | ST    | 55            |                            |         |                    |                            | 4 mm WIDE                              |
| 63.48       |           |       | GG    | FT    | 65            | CY                         |         |                    |                            | FEW mm GG                              |
| 63.49       |           |       |       | ST    | 85            |                            |         |                    |                            | 3 mm WIDE                              |
| 71.10       |           |       |       | FT    | -80           |                            |         |                    |                            |                                        |

### SUMMARY DRILL LOG

DIAMOND DRILL HOLE NUMBER: CRD95 - 2

PAGE : 1 of 2

|                      |                                                    |                                       |
|----------------------|----------------------------------------------------|---------------------------------------|
| PROPERTY : CREST     | DIP : -45                                          | DEPTH : 85.95 metres                  |
| AREA : Crescent Lake | AZIMUTH : 330                                      | DATE STARTED : August 27, 1995        |
| CLAIM: Crest 6       | NORTHING : 2230.00                                 | DATE FINISHED : August 29, 1995       |
| SECTION : 5040E      | EASTING : 5040.00                                  | CONTRACTOR : Leclerc Diamond Drilling |
| CORE SIZE : NQ       | ELEVATION : 1450.00                                | LOGGED BY : Dave Ritcey               |
| RECOVERY : 92%       | CORE STORED AT : Elk Property, Core Shack, pallets |                                       |

**COMMENTS** *Diamond drill hole CRD95-2 was drilled to test the nature of a major north-east trending lineament. Numerous narrow faults and shears were intersected. Much of the intrusive shows sericitic alteration, with narrow calcite stringers also common.*

| GEOLOGY RECORD |       |          |         | ASSAY RECORD  |       |       |        |         |        |
|----------------|-------|----------|---------|---------------|-------|-------|--------|---------|--------|
| From           | To    | Interval | Geology | Sample Number | From  | To    | Length | Au ppb  |        |
| 0.00           | 15.24 | 15.24    | OB      | CRD952-1      | 26.50 | 26.71 | 0.21   | < 0.001 | oz/ton |
| 15.24          | 21.10 | 5.86     | P2DI    | CRD952-2      | 30.82 | 31.27 | 0.45   | 6       |        |
| 21.10          | 22.65 | 1.55     | P5DI    | CRD952-3      | 32.00 | 32.41 | 0.41   | 3       |        |
| 22.65          | 26.58 | 3.93     | P3DI    | CRD952-4      | 32.41 | 32.71 | 0.30   | 3       |        |
| 26.58          | 26.70 | 0.12     | QV      | CRD952-5      | 61.42 | 62.00 | 0.58   | 5       |        |
| 26.70          | 29.50 | 2.80     | P2DI    | CRD952-6      | 62.00 | 62.48 | 0.48   | 8       |        |
| 29.50          | 29.93 | 0.43     | P4DI    | CRD952-7      | 78.80 | 79.00 | 0.20   | 3       |        |
| 29.93          | 30.27 | 0.34     | P3DI    | CRD952-8      | 79.30 | 79.59 | 0.29   | 4       |        |
| 30.27          | 30.82 | 0.55     | P2MD    | CRD952-9      | 82.10 | 82.30 | 0.20   | 3       |        |
| 30.82          | 32.63 | 1.81     | P2DI    | CRD952-10     | 82.53 | 82.77 | 0.24   | 3       |        |
| 32.63          | 33.30 | 0.67     | X2MD    |               |       |       |        |         |        |
| 33.30          | 34.83 | 1.53     | P2DI    |               |       |       |        |         |        |
| 34.83          | 36.10 | 1.27     | P4DI    |               |       |       |        |         |        |
| 36.10          | 42.60 | 6.50     | P3DI    |               |       |       |        |         |        |
| 42.60          | 42.90 | 0.30     | P4DI    |               |       |       |        |         |        |
| 42.90          | 46.69 | 3.79     | P3DI    |               |       |       |        |         |        |
| 46.69          | 49.20 | 2.51     | P2VS    |               |       |       |        |         |        |
| 49.20          | 60.12 | 10.92    | P2DI    |               |       |       |        |         |        |
| 60.12          | 60.92 | 0.80     | S2GD    |               |       |       |        |         |        |
| 60.92          | 62.80 | 1.88     | S5GD    |               |       |       |        |         |        |
| 62.80          | 64.12 | 1.32     | P1GD    |               |       |       |        |         |        |
| 64.12          | 64.35 | 0.23     | S5GD    |               |       |       |        |         |        |
| 64.35          | 66.00 | 1.65     | P2GD    |               |       |       |        |         |        |
| 66.00          | 66.80 | 0.80     | S5GD    |               |       |       |        |         |        |

| SURVEY DATA |        |         |         |
|-------------|--------|---------|---------|
| Depth       | Dip    | Azimuth | Type    |
| 0.00        | -45.00 | 335.00  | Brunton |
| 85.65       | -42.00 | 337.50  | Sperry  |

# SUMMARY DRILL LOG

DIAMOND DRILL HOLE NUMBER: CRD95 - 2

PAGE : 2 of 2 (continued)

| GEOLOGY RECORD (continued) |       |          |         |
|----------------------------|-------|----------|---------|
| From                       | To    | Interval | Geology |
| 66.80                      | 67.43 | 0.63     | S4GD    |
| 67.43                      | 67.70 | 0.27     | S5GD    |
| 67.70                      | 68.28 | 0.58     | BR      |
| 68.28                      | 68.83 | 0.55     | S5GD    |
| 68.83                      | 74.13 | 5.30     | P2GD    |
| 74.13                      | 74.43 | 0.30     | S5GD    |
| 74.43                      | 74.71 | 0.28     | BR      |
| 74.71                      | 74.98 | 0.27     | S5GD    |
| 74.98                      | 75.92 | 0.94     | S4GD    |
| 75.92                      | 76.10 | 0.18     | P1GD    |
| 76.10                      | 76.50 | 0.40     | S5GD    |
| 76.50                      | 76.90 | 0.40     | S1GD    |
| 76.90                      | 77.23 | 0.33     | P1GD    |
| 77.23                      | 77.70 | 0.47     | S5GD    |
| 77.70                      | 79.30 | 1.60     | P2GD    |
| 79.30                      | 79.59 | 0.29     | GG      |
| 79.59                      | 80.23 | 0.64     | P2GD    |
| 80.23                      | 80.39 | 0.16     | GG      |
| 80.39                      | 81.30 | 0.91     | P2GD    |
| 81.30                      | 81.58 | 0.28     | P3GD    |
| 81.58                      | 82.92 | 1.34     | P2GD    |
| 82.92                      | 84.88 | 1.96     | P1GD    |
| 84.88                      | 85.95 | 1.07     | P2GD    |

## DDH CRD95-2

| FROM<br>(m) | TO<br>(m) | MAJOR | MINOR | STRUC | CORE<br>ANGLE | ALTERATION<br>MINERALS (%) | PY<br>% | OTHER<br>SULPHIDES | GANGUE<br>CONSTITUENTS (%) | COMMENTS                                |
|-------------|-----------|-------|-------|-------|---------------|----------------------------|---------|--------------------|----------------------------|-----------------------------------------|
| 0.00        | 15.24     |       |       |       |               |                            |         |                    |                            |                                         |
| 15.24       | 21.10     | P2DI  | P2MD  |       |               | CL                         |         |                    |                            | P2DI OR P2GC WITH P2MD XENOLITHS        |
| 20.83       |           |       |       | SH    | 80            |                            |         |                    |                            | 3 cm BAND STRONGLY FOLIATED             |
| 21.10       | 22.85     | P5DI  | P3DI  |       |               | CL                         |         |                    |                            | SHEARED AND BROKEN                      |
| 22.85       | 28.58     | P3DI  |       |       |               | CL                         | 0.01    |                    |                            | SHEARED                                 |
| 23.38       | 23.48     |       | GG    | FT    | 70            | CL                         |         |                    |                            |                                         |
| 24.50       |           |       |       | ST    | 25            |                            |         |                    |                            |                                         |
| 26.58       | 28.70     |       | QV    |       |               |                            | 0.01    |                    |                            | 7 mm, DIFFUSE AND DISCONTINUOUS         |
| 26.70       | 29.50     | P2DI  | P3DI  |       |               | CL                         | 0.01    | PO (< .5%)         |                            | COARSE GRAINED QV OR PG, 5% P2DI        |
| 29.50       | 29.93     | P4DI  |       |       |               | CL                         |         |                    |                            | DISSEMINATED SULPHIDES; CA VEINLETS     |
| 29.90       |           |       |       | ST    | 45            |                            |         |                    |                            |                                         |
| 29.93       | 30.27     | P3DI  |       |       |               | CL                         |         |                    |                            | 1 cm WIDE                               |
| 30.27       | 30.82     | P2MD  |       |       |               | CL                         |         |                    |                            |                                         |
| 30.82       | 32.83     | P2DI  | P2MD  |       |               | CL                         |         | PO (< 1%)          |                            | ABUNDANT XENOLITHS                      |
| 32.83       | 33.30     | X2MD  |       |       |               | QZ, CL                     |         |                    |                            |                                         |
| 32.89       | 32.94     |       | C5MD  | ST    | 50            |                            |         |                    |                            | CALCITE FLOODED ZONE                    |
| 32.94       | 32.98     |       | GG    | FT    | 80            | CY                         |         |                    |                            |                                         |
| 33.30       | 33.80     | P2MD  | P2DI  |       |               | CL                         |         | PO (< 1%)          |                            | 30 % IRREG DIORITE DYKES AND INJECTIONS |
| 33.80       | 34.83     | P2DI  | S2MD  | ST    |               | CL, SE                     |         |                    |                            | IRREGULAR CA STRINGERS                  |
| 34.83       | 38.10     | P4DI  |       |       |               | CL                         |         |                    |                            |                                         |
| 34.88       |           |       |       | SH    | 75            |                            |         |                    |                            |                                         |
| 36.10       | 42.80     | P3DI  |       |       |               | CL                         |         |                    |                            | VARIABLE INTENSITY                      |
| 42.80       | 42.90     | P4DI  |       |       |               | CL                         |         |                    |                            | STRONGLY RECCAIATED AND SHEARED         |
| 42.87       |           |       | GG    | FT    | 75            | CL, CY                     |         |                    |                            | 1 cm GG                                 |
| 42.77       |           |       | GG    | FT    | 80            | CL, CY                     |         |                    |                            | 1 cm GG                                 |
| 42.90       | 48.89     | P3DI  | P2DI  |       |               | CL                         |         |                    |                            | VARIABLE INTENSITY                      |
| 48.89       | 49.20     | P2VS  |       |       |               | CL                         | 0.01    |                    |                            |                                         |
| 47.22       |           |       |       | ST    | 30            |                            |         |                    |                            | 7 mm WIDE                               |
| 49.20       | 60.12     | P2DI  |       | FO    | 80            | CL, SE                     | 0.01    |                    |                            | FEW IRREGULAR CA VEINLETS               |
| 56.38       | 56.50     |       | F3DI  |       |               | SE (15%), QZ (< 1%)        |         |                    |                            |                                         |
| 55.40       |           |       |       | ST    | 35            |                            |         |                    |                            | 1 cm WIDE                               |
| 60.12       | 60.92     | S2GD  |       | ST    |               | SE, CL                     |         |                    |                            | BI-RICH GD WITH CA STRINGERS            |
| 60.92       | 62.80     | S5GD  |       | ST    | 20            | SE                         | 0.01    |                    |                            | BANDED CA-QZ VEINLETS 1-8 mm WIDE       |
| 62.80       | 64.12     | P1GD  | P2GD  |       |               | CL, SE                     |         |                    |                            |                                         |
| 62.80       | 63.00     |       | S2GD  | FO    | 45            | SE, CL                     |         |                    |                            | WEAK FOLIATION                          |
| 63.48       | 63.54     |       | S5GD  | ST    | 45            |                            |         |                    |                            | APPROACHES PHYLIC                       |
| 64.12       | 64.35     | S5GD  | F5GD  | ST    | 80            | SE (20%), QZ (1%)          |         |                    |                            |                                         |
| 64.35       | 68.00     | P2GD  | S5GD  | BN    | 60            | CL, SE                     |         |                    |                            | ST AT 60 AND -50 DEG. IN S5GD BANDS     |
| 68.00       | 68.80     | S5GD  | P2GD  | ST    | 45            | SE, CL                     |         |                    |                            | FEW P2GD PATCHES                        |
| 68.19       |           |       | QV    | VN    | 42            |                            |         |                    |                            | 1 cm WIDE                               |
| 68.55       |           |       |       | FT    | 25            |                            |         |                    |                            |                                         |
| 68.75       |           |       |       | FT    | 25            |                            |         |                    |                            |                                         |
| 68.80       | 67.43     | S4GD  |       |       |               | SE                         |         |                    |                            |                                         |
| 67.43       | 67.70     | S5GD  | F5GD  |       |               | SE, QZ (< 1%)              |         |                    |                            |                                         |
| 67.80       | 67.87     |       | P2GD  |       |               | CL, SE                     |         |                    |                            |                                         |
| 67.70       | 68.28     | BR    | S5GD  | FT    | 25            | SE, CY                     |         |                    |                            | 1 cm VEIN FRAGMENTS; MOSTLY S5GD        |
| 68.28       | 68.83     | S5GD  |       | ST    | 10            | SE                         |         |                    |                            |                                         |

## DDH CRD95-2

| FROM<br>(m) | TO<br>(m) | MAJOR | MINOR | STRUC | CORE<br>ANGLE | ALTERATION<br>MINERALS (%) | PY<br>%     | OTHER<br>SULPHIDES | GANGUE<br>CONSTITUENTS (%) | COMMENTS                                |
|-------------|-----------|-------|-------|-------|---------------|----------------------------|-------------|--------------------|----------------------------|-----------------------------------------|
| 68.83       | 74.13     | P2GD  |       | FO    | 55            | CL, SE                     |             |                    |                            | WEAK FOLIATION                          |
| 69.15       | 69.24     |       | AP    | DK    | 25            |                            |             |                    |                            | KF-RICH GRANITE COMPOSITION             |
| 69.28       |           |       | AP    | DK    | 25            |                            |             |                    |                            | 3 mm, KF-RICH GRANITE COMPOSITION       |
| 69.66       |           |       |       | FT    | 25            |                            |             |                    |                            |                                         |
| 74.13       | 74.43     | S5GD  |       |       |               | SE, CY                     |             |                    |                            |                                         |
| 74.43       | 74.71     | BR    |       | FT    | 65            | SE, CY                     |             |                    |                            | S6GD FRAGMENTS                          |
| 74.71       | 74.98     | S5GD  |       | ST    | 60            | SE, CY                     |             | CA                 |                            |                                         |
| 74.98       |           |       |       | FT    | -55           |                            |             |                    |                            |                                         |
| 74.98       | 75.92     | S4GD  | P3GD  |       |               | SE, CL                     |             |                    |                            |                                         |
| 75.92       | 76.10     | P1GD  |       |       |               | CL                         |             |                    |                            |                                         |
| 76.10       | 76.50     | S5GD  |       | SH    | 20            | SE                         |             | CA                 |                            | FEW SHEARED CA STRINGERS                |
| 76.35       | 76.43     |       | AP    | DK    | 30            |                            |             |                    |                            | KF-RICH GRANITE COMPOSITION             |
| 76.50       | 76.90     | S1GD  |       |       |               | SE                         |             |                    |                            |                                         |
| 76.90       | 77.23     | P1GD  |       |       |               | CL, SE                     |             |                    |                            |                                         |
| 77.23       | 77.70     | S5GD  |       | ST    |               |                            |             | CA                 |                            | IRREG. CA VEINLETS                      |
| 77.63       |           |       | AP    | DK    | 30            |                            |             |                    |                            | 8 mm, KF-RICH GRANITE COMPOSITION       |
| 77.55       |           |       |       | ST    | 20            |                            |             | CA                 |                            | 3 mm SHEARED ST TRUNCATES AP            |
| 77.60       |           |       | AP    | DK    | 65            |                            |             |                    |                            | 3 mm, KF-RICH GRANITE COMPOSITION       |
| 77.70       |           |       |       | FT    | -55           |                            |             |                    |                            |                                         |
| 77.70       | 79.30     | P2GD  |       |       |               | CL, SE                     |             |                    |                            |                                         |
| 78.20       |           |       |       | GR    | DK            | 45                         |             |                    |                            | 3 mm WIDE                               |
| 78.67       | 78.95     |       | F6GD  |       |               | SE (30%), QZ               |             |                    |                            |                                         |
| 78.92       |           |       | QV    | VN    | 90            |                            | GL (< 0.5%) | QZ                 |                            | 11 mm WIDE                              |
| 79.30       | 79.99     | GG    |       | FT    | 80            | SE, CY                     |             |                    |                            | CRUSHED ROCK AND GG                     |
| 79.43       | 79.47     |       | QV    |       |               |                            |             | QZ                 |                            | SHEARED, DISCONTINUOUS                  |
| 79.59       | 80.23     | P2GD  |       |       |               | CL, SE                     |             |                    |                            |                                         |
| 80.23       | 80.39     | GG    |       | FT    | 60            | CL, SE, CY                 |             |                    |                            |                                         |
| 80.39       | 81.30     | P2GD  |       |       |               | CL                         |             |                    |                            |                                         |
| 80.89       | 80.95     |       |       | FT    | 70            | CY, CA                     |             |                    |                            | CALCITE CEMENTED FT                     |
| 81.30       | 81.58     | P3GD  |       |       |               | CL                         |             |                    |                            |                                         |
| 81.58       | 82.92     | P2GD  |       | ST    |               | CL                         |             | CA                 |                            | FEW CA VEINLETS                         |
| 82.18       |           |       |       | FR    | 35            | EP, HE                     |             |                    |                            | EP FRACTURE LINING                      |
| 82.67       |           |       |       | FR    | 85            | EP, HE                     |             |                    |                            | EP IN FRACTURE AND 2 cm ALTERATION BAND |
| 82.92       | 84.88     | P1GD  |       | FO    | 45            | CL                         |             |                    |                            | WEAK, VARIABLE FOLIATION                |
| 84.88       | 85.95     | P2GD  |       | FO    | 45            |                            |             |                    |                            | WEAK FOLIATION                          |



## SUMMARY DRILL LOG

DIAMOND DRILL HOLE NUMBER:           CRD95-3

PAGE :                                   1 of 1

PROPERTY : CREST                   DIP :                                   -45  
 AREA :       Crescent Lake        AZIMUTH :                           330  
 CLAIM:       Crest 8               NORTHING :                        2875.00  
 SECTION :   6350E                 EASTING :                         6350.00  
 CORE SIZE : NQ                    ELEVATION :                       1425.00  
 RECOVERY : 72%                   CORE STORED AT : Elk Property, Core Shack, pallets

DEPTH :                           100.58 metres  
 DATE STARTED :           August 29, 1995  
 DATE FINISHED :         August 31, 1995  
 CONTRACTOR :            Leclerc Diamond Drilling  
 LOGGED BY :             Brian Post

**COMMENTS** *Diamond drill hole CRD95-3 was drilled to test the nature of a strong, north-east trending lineament. A mixed series of volcanic rocks and intrusives were intersected, with numerous shears and local weak to moderate alteration. A few stringers were noted.*

| GEOLOGY RECORD |        |          |         |
|----------------|--------|----------|---------|
| From           | To     | Interval | Geology |
| 0.00           | 9.75   | 9.75     | OB      |
| 9.75           | 11.04  | 1.29     | AV      |
| 11.04          | 12.11  | 1.07     | GD      |
| 12.11          | 14.83  | 2.72     | AV      |
| 14.83          | 15.30  | 0.47     | GD      |
| 15.30          | 19.90  | 4.60     | AV      |
| 19.90          | 21.03  | 1.13     | GG      |
| 21.03          | 24.08  | 3.05     | AV      |
| 24.08          | 24.38  | 0.30     | GG      |
| 24.38          | 44.55  | 20.17    | AV      |
| 44.55          | 44.95  | 0.40     | S3GD    |
| 44.95          | 45.11  | 0.16     | GG      |
| 45.11          | 45.50  | 0.39     | GD      |
| 45.50          | 45.83  | 0.33     | BR      |
| 45.83          | 50.60  | 4.77     | GG      |
| 50.60          | 55.27  | 4.67     | P1GD    |
| 55.27          | 55.83  | 0.56     | GG      |
| 55.83          | 81.21  | 25.38    | GD      |
| 81.21          | 82.75  | 1.54     | P4GD    |
| 82.75          | 98.31  | 15.56    | GD      |
| 98.31          | 99.22  | 0.91     | P2GD    |
| 99.22          | 99.57  | 0.35     | P5GD    |
| 99.57          | 100.58 | 1.01     | P1GD    |

| ASSAY RECORD  |       |       |        |        |
|---------------|-------|-------|--------|--------|
| Sample Number | From  | To    | Length | Au ppb |
| CRD953-1      | 44.77 | 45.23 | 0.46   | 4      |
| CRD953-2      | 45.23 | 45.83 | 0.60   | 4      |
| CRD953-3      | 99.22 | 99.47 | 0.25   | 2      |

| SURVEY DATA |       |         |         |
|-------------|-------|---------|---------|
| Depth       | Dip   | Azimuth | Type    |
| 0           | -45   | 335     | Brunton |
| 97.84       | -41.5 | 342     | Sperry  |

## DDH CRD95-3

| FROM<br>(m) | TO<br>(m) | MAJOR | MINOR | STRUC | CORE<br>ANGLE | ALTERATION<br>MINERALS (%) | PY<br>% | OTHER<br>SULPHIDES | GANGUE<br>CONSTITUENTS (%) | COMMENTS                         |
|-------------|-----------|-------|-------|-------|---------------|----------------------------|---------|--------------------|----------------------------|----------------------------------|
| 0.00        | 9.75      | OB    |       |       |               |                            |         |                    |                            |                                  |
| 9.75        | 11.04     | AV    | GD    |       |               |                            | PO (2%) |                    |                            | 70% AV XENOLITHS, DISSEM. PO     |
| 11.04       | 12.11     | GD    |       |       |               |                            |         |                    |                            |                                  |
| 12.11       | 14.83     | AV    | GD    |       |               |                            | PO (2%) |                    |                            | 80% AV XENOLITHS, DISSEM. PO     |
| 14.83       | 15.30     | GD    |       |       |               |                            |         |                    |                            |                                  |
| 15.30       | 19.90     | AV    | GD    |       |               |                            | PO (2%) |                    |                            | 80% AV XENOLITHS, DISSEM. PO     |
| 19.90       | 21.03     | GG    |       | SH    | 30            |                            |         |                    |                            |                                  |
| 21.03       | 24.08     | AV    | GD    |       |               |                            | PO (1%) |                    |                            | 80% AV XENOLITHS, DISSEM. PO     |
| 22.20       |           |       |       | ST    | 30            |                            |         |                    | CA                         | 2 cm WIDE                        |
| 24.08       | 24.38     | GG    |       |       |               |                            |         |                    |                            |                                  |
| 24.38       | 44.55     | AV    | GD    |       |               |                            | PO (1%) |                    |                            | 80% AV XENOLITHS, DISSEM. PO     |
| 40.30       | 40.72     |       | GG    | SH    | 70            |                            |         |                    |                            | GG + GD FRAGMENTS                |
| 44.55       | 44.95     | S3GD  |       |       |               | SE (15%)                   |         |                    |                            |                                  |
| 44.95       | 45.11     | GG    |       |       |               |                            |         |                    |                            | GG + S3GD FRAGMENTS              |
| 45.11       | 45.50     | GD    | GG    | SH    | 40            |                            |         |                    |                            |                                  |
| 45.50       | 45.83     | BR    |       | SH    | 50            |                            |         |                    |                            | GD AND AV CLASTS                 |
| 45.83       | 50.80     | GG    | GD    |       |               |                            |         |                    |                            | FEW GD FRAGMENTS                 |
| 50.80       | 55.27     | P1GD  |       |       |               | CL                         |         |                    |                            |                                  |
| 53.25       |           |       | AP    | DK    | 70            |                            |         |                    |                            | 15 mm WIDE, GRANITE COMPOSITION  |
| 55.27       | 55.83     | GG    |       |       |               |                            |         |                    |                            | BROKEN ROCK AND GG               |
| 55.83       | 81.21     | GD    | P1GD  |       |               | CL                         |         |                    |                            | APPROX 30% P1GD PATCHES          |
| 56.08       | 56.13     |       | GG    | FT    | 50            |                            |         |                    |                            |                                  |
| 67.21       | 67.25     |       | GG    |       |               |                            |         |                    |                            |                                  |
| 81.21       | 82.75     | P4GD  | GG    |       |               | CL, SS                     |         |                    |                            | CONTAINS SEVERAL NARROW GG BANDS |
| 81.86       | 81.78     |       | GG    | FT    | 65            | SE                         |         |                    |                            |                                  |
| 82.34       |           |       |       | ST    | 70            |                            |         | CA                 |                            | 5 mm WIDE                        |
| 82.75       | 98.31     | GD    | P1GD  |       |               | CL                         |         |                    |                            |                                  |
| 98.31       | 99.22     | P2GD  |       |       |               | CL                         |         |                    |                            |                                  |
| 99.22       | 99.57     | P5GD  | S3GD  |       |               | CL, SE                     |         |                    |                            | 20% S3GD BANDS                   |
| 99.57       | 100.58    | P1GD  |       |       |               | CL                         |         |                    |                            |                                  |

SAMPLE RECORD  
1995 DIAMOND DRILLING - CREST PRPOERTY

| Drill Hole # | Sample #  | Depth   |        | Interval<br>Length (m) | Geology |
|--------------|-----------|---------|--------|------------------------|---------|
|              |           | From(m) | To (m) |                        |         |
| CRD95-1      | CRD951-1  | 53.64   | 54.24  | 0.60                   | P2BR    |
| CRD95-2      | CRD952-1  | 26.50   | 26.71  | 0.21                   | QV      |
| CRD95-2      | CRD952-2  | 30.82   | 31.27  | 0.45                   | P2DI    |
| CRD95-2      | CRD952-3  | 32.00   | 32.41  | 0.41                   | P2DI    |
| CRD95-2      | CRD952-4  | 32.41   | 32.71  | 0.30                   | P2DI    |
| CRD95-2      | CRD952-5  | 61.42   | 62.00  | 0.58                   | S5GD    |
| CRD95-2      | CRD952-6  | 62.00   | 62.48  | 0.48                   | S5GD    |
| CRD95-2      | CRD952-7  | 78.80   | 79.00  | 0.20                   | QV      |
| CRD95-2      | CRD952-8  | 79.30   | 79.59  | 0.29                   | GG      |
| CRD95-2      | CRD952-9  | 82.10   | 82.30  | 0.20                   | P2GD    |
| CRD95-2      | CRD952-10 | 82.53   | 82.77  | 0.24                   | P2GD    |
| CRD95-3      | CRD952-1  | 44.77   | 45.23  | 0.46                   | GG      |
| CRD95-3      | CRD952-2  | 45.23   | 45.83  | 0.60                   | BR      |
| CRD95-3      | CRD952-3  | 99.22   | 99.47  | 0.35                   | P5GD    |

**13.0 ANALYSIS & ASSAY CERTIFICATES**



## GEOCHEMICAL ANALYSIS CERTIFICATE



Fairfield Minerals Ltd. PROJECT CREST #1 File # 95-1968 Page 1

1980 - 1055 W. Hastings S, Vancouver BC V6E 2E9 Submitted by: E.A. Balon

| SAMPLE#   | Mo<br>ppm | Cu<br>ppm | Pb<br>ppm | Zn<br>ppm | Ag<br>ppm | Ni<br>ppm | Co<br>ppm | Mn<br>ppm | Fe<br>% | As<br>ppm | U<br>ppm | Au<br>ppm | Th<br>ppm | Sr<br>ppm | Cd<br>ppm | Sb<br>ppm | Bi<br>ppm | V<br>ppm | Ca<br>% | P<br>% | La<br>ppm | Cr<br>ppm | Mg<br>% | Ba<br>ppm | Ti<br>% | B<br>ppm | Al<br>% | Na<br>% | K<br>% | W<br>ppm | Au*<br>ppb |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|------------|
| C95-R1    | 21        | 12        | 8         | 8         | 4.1       | 3         | <1        | 89        | 1.00    | 6         | <5       | <2        | <2        | 2         | .2        | <2        | 4         | 6        | .03     | .007   | 2         | 5         | .05     | 11        | .01     | <3       | .17     | .02     | .06    | 2        | 1280       |
| C95-R2    | 2         | 26        | 6         | 25        | .7        | 4         | <1        | 265       | 2.34    | 11        | <5       | <2        | 3         | 8         | <.2       | 2         | <2        | 25       | .23     | .031   | 10        | 5         | .28     | 58        | .12     | <3       | .80     | .06     | .37    | 7        | 57         |
| C95-R3    | 211       | 82        | 3         | 37        | 2.6       | 22        | 7         | 331       | 4.21    | <2        | <5       | <2        | <2        | 8         | .2        | <2        | 11        | 44       | .47     | .040   | 3         | 101       | .37     | 80        | .17     | <3       | 1.13    | .06     | .47    | 15       | 1540       |
| C95-R4    | 5         | 81        | 3         | 3         | <.3       | 21        | 10        | 69        | 1.40    | <2        | <5       | <2        | <2        | 20        | <.2       | <2        | <2        | 8        | .24     | .093   | 6         | 10        | .01     | 39        | <.01    | <3       | .12     | .01     | .08    | 2        | 19         |
| RE C95-R4 | 5         | 81        | 5         | 2         | <.3       | 22        | 10        | 70        | 1.41    | <2        | <5       | <2        | <2        | 21        | <.2       | <2        | 2         | 8        | .24     | .095   | 7         | 10        | .01     | 39        | <.01    | <3       | .12     | .01     | .08    | 2        | 18         |

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.  
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB  
 - SAMPLE TYPE: P1 ROCK P2 SOIL P3 STREAM SED. AU\* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(20 gm)  
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUN 26 1995 DATE REPORT MAILED: *July 19/95* SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

AA  
LL

## GEOCHEMICAL ANALYSIS CERTIFICATE

AA  
LL

Fairfield Minerals Ltd. PROJECT CREST #1 File # 95-1968 Page 2

1980 - 1055 W. Hastings S, Vancouver BC V6E 2E9 Submitted by: E.A. Balon

SAMPLE#

Au\*  
ppb2550E 1650N (D)  
2900E 2000N (D)1  
16

- SAMPLE TYPE: P1 ROCK P2 SOIL P3 STREAM SED. AU\* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.

DATE RECEIVED: JUN 26 1995 DATE REPORT MAILED: *July 19/95* SIGNED BY: *[Signature]* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

GEOCHEMICAL CERTIFICATE



Fairfield Minerals Ltd, PROJECT CREST #1 File # 95-1968 Page 3

1980 - 1055 W. Hastings S, Vancouver BC V6E 2E9 Submitted by: E.A. Balon

| SAMPLE#        | Au*<br>ppb |
|----------------|------------|
| 3000E 1945N SS | 1          |

- SAMPLE TYPE: P1 ROCK P2 SOIL P3 STREAM SED. AU\* - IGNITION, AQUA-REGIA /MIBK EXTRACT, GF/AA FINISHED.

DATE RECEIVED: JUN 26 1995

DATE REPORT MAILED:

*July 19/95*

SIGNED BY.....

*C. Leong*

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

AA  
LL

## GEOCHEMICAL ANALYSIS CERTIFICATE

AA  
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Fairfield Minerals Ltd. PROJECT CREST File # 95-2690 Page 1

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

| SAMPLE#        | Au*<br>ppb |
|----------------|------------|
| 5700E 4900N    | 2          |
| 5700E 4850N    | 2          |
| 5700E 4800N    | 2          |
| 5700E 4750N    | 2          |
| 5700E 4700N    | 1          |
| 5750E 4900N    | 1          |
| 5750E 4850N    | 2          |
| 5750E 4800N    | 3          |
| 5750E 4750N    | 1          |
| 5750E 4700N    | 3          |
| 5850E 4900N    | 2          |
| 5850E 4850N    | 3          |
| 5850E 4800N    | <1         |
| 5850E 4750N    | <1         |
| 5850E 4700N    | 1          |
| 5900E 4900N    | 1          |
| 5900E 4850N    | 1          |
| 5900E 4800N    | <1         |
| 5900E 4750N    | 1          |
| 5900E 4700N    | <1         |
| 6100E 5800N    | <1         |
| RE 6100E 5800N | <1         |
| 6100E 5750N    | <1         |
| 6100E 5700N    | 2          |
| 6100E 5650N    | 1          |
| 6100E 5600N    | <1         |
| 6150E 5800N    | 20         |
| 6150E 5750N    | <1         |
| 6150E 5700N    | <1         |
| 6150E 5650N    | 2          |
| 6150E 5600N    | <1         |
| 6250E 5800N    | 1          |
| 6250E 5750N    | 14         |
| 6250E 5700N    | 1          |
| STANDARD AU-S  | 51         |

- SAMPLE TYPE: SOIL AU\* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.  
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 2 1995

DATE REPORT MAILED:

Aug 10/95

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



| SAMPLE#        | Au*<br>ppb |
|----------------|------------|
| 6300E 5800N    | 16         |
| 6300E 5750N    | 4          |
| 6300E 5700N    | <1         |
| 6300E 5650N    | 4          |
| 6300E 5600N    | 2          |
| 6300E 5100N    | <1         |
| 6300E 5050N    | 2          |
| 6300E 5000N    | 1          |
| 6300E 4950N    | 3          |
| 6300E 4900N    | 2          |
| 6350E 5100N    | 3          |
| RE 6350E 5100N | 7          |
| 6350E 5000N    | 1          |
| 6350E 4950N    | 1          |
| 6350E 4900N    | 2          |
| 6450E 5100N    | 3          |
| 6450E 5050N    | 5          |
| 6450E 5000N    | <1         |
| 6450E 4950N    | 4          |
| 6450E 4900N    | 4          |
| 6500E 5100N    | 2          |
| 6500E 5050N    | 3          |
| 6500E 5000N    | 11         |
| 6500E 4950N    | 2          |
| 6500E 4900N    | 1          |
| 6700E 5100N    | <1         |
| 6700E 5050N    | 1          |
| 6700E 5000N    | 18         |
| 6700E 4950N    | 4          |
| 6700E 4900N    | 2          |
| 6700E 4850N    | 4          |
| 6700E 4800N    | 2          |
| 6700E 4750N    | 23         |
| 6700E 4700N    | 5          |
| STANDARD AU-S  | 48         |

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

| SAMPLE#        | Au*<br>ppb |
|----------------|------------|
| 6700E 4650N    | 2          |
| 6750E 5050N    | 1          |
| RE 6750E 5050N | 3          |
| 6750E 5000N    | 6          |
| 6750E 4950N    | 4          |
| 6750E 4900N    | 18         |
| 6750E 4850N    | 2          |
| 6750E 4800N    | 2          |
| 6750E 4750N    | 2          |
| 6750E 4700N    | 2          |
| 6750E 4650N    | 1          |
| 6850E 5100N    | 2          |
| 6850E 5050N    | 2          |
| 6850E 5000N    | 3          |
| 6850E 4950N    | 11         |
| 6850E 4900N    | 26         |
| 6850E 4850N    | 4          |
| 6850E 4800N    | 1          |
| 6850E 4750N    | 9          |
| 6850E 4700N    | 6          |
| 6850E 4650N    | 2          |
| 6850E 4600N    | 1          |
| 6850E 4550N    | 1          |
| 6850E 4500N    | 1          |
| 6900E 5100N    | 1          |
| 6900E 5050N    | 6          |
| 6900E 5000N    | 6          |
| 6900E 4950N    | 3          |
| 6900E 4900N    | 13         |
| 6900E 4850N    | 5          |
| 6900E 4550N    | 1          |
| 6900E 4500N    | 2          |
| STANDARD AU-S  | 52         |

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



ACME ANALYTICAL



ACME ANALYTICAL

| SAMPLE#        | Au*<br>ppb |
|----------------|------------|
| 7950E 4950N    | 2          |
| 7950E 4900N    | 2          |
| 8050E 5100N    | 2          |
| 8050E 5050N    | 11         |
| 8050E 5000N    | 2          |
| 8050E 4950N    | 20         |
| 8050E 4900N    | 2          |
| 8100E 5100N    | 3          |
| 8100E 5050N    | 5          |
| 8100E 5000N    | 3          |
| 8100E 4950N    | 6          |
| 8100E 4900N    | 14         |
| 8300E 5150N    | 30         |
| 8300E 5100N    | 3          |
| 8300E 5050N    | 17         |
| 8350E 5150N    | 3          |
| 8350E 5100N    | 2          |
| RE 8350E 5100N | 2          |
| 8350E 5050N    | 2          |
| 8450E 5150N    | 6          |
| 8450E 5100N    | 2          |
| 8450E 5050N    | 2          |
| 8500E 5150N    | 7          |
| 8500E 5100N    | 2          |
| 8500E 5050N    | 1          |
| 8500E 4900N    | 15         |
| 8500E 4850N    | 3          |
| 8500E 4800N    | 200        |
| 8500E 4750N    | 2          |
| 8500E 4700N    | 3          |
| 8500E 4650N    | 3          |
| 8500E 4600N    | 2          |
| 8550E 4900N    | 6          |
| 8550E 4850N    | 1          |
| 8550E 4800N    | 1          |
| STANDARD AU-S  | 47         |

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

| SAMPLE#        | Au*<br>ppb |
|----------------|------------|
| 8550E 4750N    | 56         |
| 8550E 4700N    | 1          |
| 8550E 4650N    | 12         |
| 8550E 4600N    | 1          |
| 8650E 6250N    | 3          |
| 8650E 6200N    | 2          |
| 8650E 6150N    | 3          |
| 8650E 6100N    | 12         |
| 8650E 6050N    | 4          |
| 8650E 6000N    | 11         |
| 8650E 5950N    | 10         |
| 8650E 5900N    | 3          |
| 8650E 5850N    | 1          |
| 8650E 5800N    | 1          |
| 8650E 5750N    | 3          |
| 8650E 5700N    | 13         |
| 8650E 5650N    | 4          |
| 8650E 4900N    | 3          |
| 8650E 4850N    | <1         |
| 8650E 4800N    | 89         |
| 8650E 4750N    | 4          |
| 8650E 4700N    | 2          |
| 8650E 4650N    | 1          |
| 8650E 4600N    | 5          |
| RE 8650E 4600N | 24         |
| 8750E 6150N    | <1         |
| 8750E 6100N    | 5          |
| 8750E 6050N    | 1          |
| 8750E 6000N    | 1          |
| 8750E 5950N    | 5          |
| 8750E 5900N    | 3          |
| 8750E 4750N    | 2          |
| 8750E 4700N    | 8          |
| 8750E 4650N    | 8          |
| 8750E 4600N    | 1          |
| STANDARD AU-S  | 46         |

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

| SAMPLE#        | Au*<br>ppb |
|----------------|------------|
| 8750E 4550N    | 1          |
| 8850E 4750N    | 2          |
| 8850E 4700N    | 1          |
| 8850E 4650N    | 2          |
| 8850E 4600N    | 12         |
| 8850E 4550N    | 3          |
| 8850E 3350N    | <1         |
| 8850E 3300N    | 1          |
| 8850E 3250N    | 1          |
| 8850E 3200N    | 1          |
| 8900E 4750N    | 2          |
| 8900E 4700N    | 2          |
| 8900E 4650N    | 8          |
| 8900E 4600N    | 2          |
| 8900E 4550N    | 3          |
| 8900E 3350N    | 5          |
| 8900E 3300N    | 4          |
| 8900E 3250N    | 12         |
| 8900E 3200N    | 2          |
| RE 8900E 3200N | 1          |
| 8950E 3350N    | 1          |
| 8950E 3300N    | 1          |
| 8950E 3250N    | 97         |
| 8950E 3200N    | 3          |
| 9050E 3350N    | 7          |
| 9050E 3300N    | 4          |
| 9050E 3250N    | 4          |
| 9050E 3200N    | 2          |
| 9100E 6500N    | 140        |
| 9100E 6450N    | 2          |
| 9100E 6400N    | 5          |
| 9100E 6350N    | 2          |
| 9100E 6300N    | 3          |
| 9100E 3350N    | 82         |
| 9100E 3300N    | 2          |
| STANDARD AU-S  | 49         |

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



AAE ANALYTICAL



AAE ANALYTICAL

| SAMPLE#        | Au*<br>ppb |
|----------------|------------|
| 9100E 3250N    | 3          |
| 9100E 3200N    | 5          |
| 9150E 6500N    | 17         |
| 9150E 6450N    | 4          |
| 9150E 6400N    | 5          |
| 9150E 6350N    | 3          |
| 9150E 6300N    | 3          |
| 9250E 7000N    | 7          |
| 9250E 6950N    | 15         |
| 9250E 6900N    | 5          |
| 9250E 6500N    | 4          |
| 9250E 6450N    | 4          |
| 9250E 6400N    | 15         |
| 9250E 6350N    | 3          |
| 9250E 6300N    | 4          |
| RE 9250E 6300N | 4          |
| 9300E 6950N    | 6          |
| 9300E 6900N    | 2          |
| 9300E 6500N    | 6          |
| 9300E 6450N    | 30         |
| 9300E 6400N    | 4          |
| 9300E 6350N    | 3          |
| 9300E 6300N    | 5          |
| 9300E 5600N    | 4          |
| 9300E 5550N    | 41         |
| 9300E 5500N    | 4          |
| 9300E 5450N    | 2          |
| 9300E 5400N    | 1          |
| 9300E 5350N    | 2          |
| 9300E 5300N    | 8          |
| 9300E 4950N    | 9          |
| 9300E 4900N    | 5          |
| 9300E 4850N    | 3          |
| 9300E 4800N    | 5          |
| 9300E 4750N    | 4          |
| STANDARD AU-S  | 48         |

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

| SAMPLE#        | Au*<br>ppb |
|----------------|------------|
| 9350E 5600N    | 9          |
| 9350E 5550N    | 7          |
| 9350E 5500N    | 3          |
| 9350E 5450N    | 3          |
| 9350E 5400N    | 3          |
| 9350E 5350N    | 4          |
| 9350E 5300N    | 1          |
| 9350E 4950N    | 2          |
| 9350E 4900N    | 1          |
| 9350E 4850N    | 1          |
| 9350E 4800N    | 3          |
| 9350E 4750N    | 3          |
| 9450E 4950N    | 2          |
| 9450E 4900N    | 2          |
| RE 9450E 4900N | 2          |
| 9450E 4850N    | 2          |
| 9450E 4800N    | 2          |
| 9450E 4750N    | 1          |
| 9500E 4950N    | 2          |
| 9500E 4900N    | <1         |
| 9500E 4850N    | <1         |
| 9500E 4800N    | 1          |
| 9500E 4750N    | 24         |
| 9900E 3900N    | 4          |
| 9900E 3850N    | 2          |
| 9900E 3800N    | 5          |
| 9900E 3750N    | 3          |
| 9900E 3700N    | 3          |
| 9950E 3900N    | 3          |
| 9950E 3850N    | 7          |
| 9950E 3800N    | 1          |
| 9950E 3750N    | 7          |
| 9950E 3700N    | 1          |
| 10050E 3900N   | 7          |
| 10050E 3850N   | 1          |
| STANDARD AU-S  | 49         |

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



ACME ANALYTICAL



ACME ANALYTICAL

| SAMPLE#         | Au*<br>ppb |
|-----------------|------------|
| 10050E 3800N    | 1          |
| 10050E 3750N    | 1          |
| 10050E 3700N    | 30         |
| 10100E 3950N    | 3          |
| RE 10100E 3950N | 2          |
| 10100E 3900N    | 11         |
| 10100E 3850N    | <1         |
| 10100E 3800N    | <1         |
| 10100E 3750N    | 2          |
| 10150E 3950N    | 3          |
| 10150E 3900N    | 1          |
| 10150E 3850N    | 5          |
| 10150E 3800N    | 1          |
| 10150E 3750N    | 4          |
| 10250E 3950N    | 1          |
| 10250E 3900N    | 2          |
| 10250E 3850N    | 6          |
| 10250E 3800N    | 2          |
| 10250E 3750N    | 6          |
| STANDARD AU-S   | 55         |

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.





ACME ANALYTICAL



ACME ANALYTICAL

| SAMPLE#        | Au*<br>ppb |
|----------------|------------|
| 6950E 4550N    | 4          |
| 6950E 4500N    | 370        |
| 7900E 5100N    | 28         |
| 7900E 5050N    | 9          |
| RE 7900E 5050N | 5          |
| 7900E 5000N    | 4          |
| 7900E 4950N    | 2          |
| 7900E 4900N    | 2          |
| 7950E 5100N    | 8          |
| 7950E 5050N    | 2          |
| 7950E 5000N    | 7          |

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



GEOCHEMICAL/ASSAY CERTIFICATE



Fairfield Minerals Ltd. PROJECT CREST #3 File # 95-3231 Page 1  
 1980 - 1055 W. Hastings St, Vancouver BC V6E 2E9 Submitted by: E.A. Balon

| SAMPLE#         | Mo<br>ppm | Cu<br>ppm | Pb<br>ppm | Zn<br>ppm | Ag<br>ppm | Ni<br>ppm | Co<br>ppm | Mn<br>ppm | Fe<br>% | As<br>ppm | U<br>ppm | Au<br>ppm | Th<br>ppm | Sr<br>ppm | Cd<br>ppm | Sb<br>ppm | Bi<br>ppm | V<br>ppm | Ca<br>% | P<br>% | La<br>ppm | Cr<br>ppm | Mg<br>% | Ba<br>ppm | Ti<br>% | B<br>ppm | Al<br>% | Na<br>% | K<br>% | W<br>ppm | Au**<br>oz/t |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|--------------|
| CR957-1A        | 6         | 44        | 23        | 85        | 2.4       | 10        | 4         | 723       | 2.21    | 42        | <5       | <2        | 2         | 63        | 2.0       | <2        | 12        | 18       | .87     | .021   | 8         | 87        | .27     | 58        | .06     | <3       | 1.26    | .08     | .21    | <2       | .017         |
| CR957-1B        | 7         | 38        | 19        | 77        | 1.1       | 6         | 3         | 745       | 2.22    | 88        | <5       | <2        | 3         | 160       | 1.8       | <2        | 5         | 21       | 1.13    | .023   | 9         | 71        | .27     | 133       | .04     | 4        | 2.19    | .11     | .26    | <2       | .008         |
| CR957-2         | 3         | 23        | 26        | 105       | .3        | 2         | 2         | 432       | 1.99    | 77        | <5       | <2        | 2         | 247       | 1.0       | <2        | 3         | 21       | .82     | .022   | 12        | 19        | .29     | 142       | .03     | <3       | 1.78    | .05     | .22    | <2       | .002         |
| CR957-3         | 9         | 50        | 123       | 197       | 1.6       | 5         | 3         | 645       | 2.63    | 19        | <5       | <2        | 2         | 39        | 4.0       | 2         | 8         | 24       | .72     | .023   | 9         | 92        | .29     | 60        | .07     | <3       | 1.38    | .08     | .29    | <2       | .016         |
| CR957-4         | 2         | 16        | 11        | 69        | .3        | 24        | 12        | 589       | 1.76    | 25        | 6        | <2        | 2         | 15        | .9        | <2        | 4         | 30       | 1.01    | .066   | 9         | 128       | .25     | 88        | .13     | 5        | .98     | .10     | .37    | <2       | .002         |
| CR957-5         | 8         | 65        | 24        | 42        | 8.2       | 7         | 4         | 228       | 3.56    | 36        | <5       | <2        | 2         | 10        | .4        | <2        | 27        | 21       | .18     | .024   | 7         | 119       | .24     | 57        | .06     | 3        | .68     | .05     | .22    | 3        | .050         |
| RE CR957-5      | 8         | 61        | 26        | 41        | 7.8       | 8         | 3         | 203       | 3.32    | 30        | <5       | <2        | 2         | 10        | .7        | <2        | 18        | 20       | .17     | .024   | 7         | 125       | .23     | 57        | .06     | 3        | .68     | .05     | .22    | 3        | .055         |
| RRE CR957-5     | 7         | 61        | 24        | 41        | 7.2       | 6         | 3         | 223       | 3.33    | 32        | 7        | <2        | 2         | 9         | .5        | <2        | 25        | 20       | .17     | .024   | 7         | 87        | .23     | 58        | .06     | 6        | .65     | .05     | .21    | 4        | .063         |
| CR957-6G        | 11        | 22        | 6         | 12        | 1.2       | 12        | 3         | 164       | 1.19    | 11        | 6        | <2        | <2        | 15        | <.2       | <2        | 7         | 10       | .32     | .006   | 3         | 201       | .10     | 19        | .02     | <3       | .56     | .05     | .08    | 2        | .009         |
| CR957-7         | 4         | 25        | 8         | 54        | 1.0       | 11        | 5         | 335       | 2.71    | 21        | 7        | <2        | 2         | 103       | .4        | <2        | 2         | 29       | .44     | .029   | 10        | 114       | .38     | 109       | .09     | <3       | 1.29    | .06     | .45    | <2       | .007         |
| STANDARD C/AU-1 | 19        | 66        | 37        | 132       | 7.3       | 75        | 32        | 1047      | 4.09    | 47        | 16       | 7         | 38        | 54        | 17.4      | 17        | 18        | 61       | .53     | .096   | 40        | 61        | .93     | 181       | .08     | 27       | 1.89    | .06     | .16    | 10       | .100         |

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.  
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB  
 - SAMPLE TYPE: P1 ROCK P2 SOIL AU\*\* BY FIRE ASSAY FROM 1 A.T. SAMPLE.  
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 31 1995 DATE REPORT MAILED: *Sept 7/95* SIGNED BY: *C. Leong* D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

AA  
LL

## GEOCHEMICAL ANALYSIS CERTIFICATE

AA  
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Fairfield Minerals Ltd. PROJECT CREST #3 File # 95-3231 Page 2

1980 - 1055 W. Hastings S, Vancouver BC V6E 2E9 Submitted by: E.A. Balon

| SAMPLE#      | Au*<br>ppb |
|--------------|------------|
| CR957-0m     | 16         |
| CR957-5m     | 140        |
| CR957-10m    | 11         |
| CR957-15m    | 32         |
| CR957-20m    | 3          |
| CR957-25m    | 4          |
| CR957-30m    | 890        |
| CR957-35m    | 3          |
| CR957-40m    | 4          |
| CR957-45m    | 14         |
| CR957-50m    | 8          |
| RE CR957-50m | 8          |
| CR957-55m    | 13         |
| CR957-60m    | 27         |
| CR957-65m    | 35         |

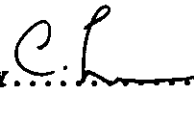
- SAMPLE TYPE: P1 ROCK P2 SOIL AU\* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.  
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 31 1995

DATE REPORT MAILED:

Sept 7/95

SIGNED BY: .....



C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

AA  
LL

## GEOCHEMICAL ANALYSIS CERTIFICATE

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Fairfield Minerals Ltd. PROJECT CREST #4 File # 95-3542

1980 - 1055 W. Hastings S, Vancouver BC V6E 2E9 Submitted by: E.A. Balon

| SAMPLE#        | Au*<br>ppb |
|----------------|------------|
| CR958-0m       | 17         |
| CR958-5m       | 160        |
| CR958-10m      | 12         |
| CR958-15m      | 23         |
| CR958-20m      | 15         |
| CR958-25m      | 11         |
| RE CR958-25m   | 23         |
| CR958-30m      | 28         |
| CR958-35m      | 15         |
| CR958-40m      | 17         |
| CR958-45m      | 53         |
| 6950E 4500N(D) | 4          |

- SAMPLE TYPE: SOIL AU\* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.  
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 15 1995

DATE REPORT MAILED:

Sept 21/95

SIGNED BY.....

C. Leong

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

AA  
LL

## GEOCHEMICAL ANALYSIS CERTIFICATE

AA  
LL

Fairfield Minerals Ltd. PROJECT CREST/CRD95-1 File # 95-3384 Page 1

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

| SAMPLE#       | Au*<br>ppb |
|---------------|------------|
| CRD951-1      | 14         |
| CRD952-5      | 5          |
| CRD952-6      | 8          |
| RE CRD952-6   | 5          |
| RRE CRD952-6  | 2          |
| CRD952-7      | 3          |
| CRD952-8      | 4          |
| CRD953-1      | 4          |
| CRD953-2      | 4          |
| STANDARD AU-R | 480        |

- SAMPLE TYPE: CORE AU\* - IGNITED, AQUA-REGIA/NIBK EXTRACT, GF/AA FINISHED.(20 gm)  
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 7 1995

DATE REPORT MAILED:

Sept 15/95

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

AA  
LL

## GEOCHEMICAL ANALYSIS CERTIFICATE

AA  
LL

Fairfield Minerals Ltd. PROJECT CREST/CRD95-1 File # 95-3384 Page 2

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

| SAMPLE#         | Mo<br>ppm | Cu<br>ppm | Pb<br>ppm | Zn<br>ppm | Ag<br>ppm | Ni<br>ppm | Co<br>ppm | Mn<br>ppm | Fe<br>% | As<br>ppm | U<br>ppm | Au<br>ppm | Th<br>ppm | Sr<br>ppm | Cd<br>ppm | Sb<br>ppm | Bi<br>ppm | V<br>ppm | Ca<br>% | P<br>% | La<br>ppm | Cr<br>ppm | Mg<br>% | Ba<br>ppm | Ti<br>% | B<br>ppm | Al<br>% | Na<br>% | K<br>% | W<br>ppm | Au*<br>ppb |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|------------|
| CRD952-2        | 8         | 207       | 6         | 104       | <.3       | 63        | 35        | 798       | 4.67    | 29        | <5       | <2        | 2         | 249       | .7        | <2        | 3         | 65       | 4.53    | .070   | 4         | 21        | 1.17    | 82        | .07     | <3       | 2.60    | .28     | .08    | 210      | 15         |
| CRD952-3        | 120       | 380       | 13        | 240       | .3        | 105       | 37        | 721       | 4.91    | 58        | 5        | <2        | 2         | 203       | 1.3       | <2        | 3         | 110      | 3.41    | .039   | 6         | 54        | 1.31    | 62        | .07     | <3       | 2.48    | .26     | .08    | 2        | 6          |
| CRD952-4        | 93        | 126       | 7         | 107       | <.3       | 39        | 19        | 746       | 3.18    | 27        | <5       | <2        | 2         | 252       | .5        | <2        | <2        | 54       | 4.89    | .062   | 8         | 21        | .94     | 65        | .07     | 5        | 3.57    | .32     | .08    | <2       | 3          |
| CRD952-9        | 3         | 22        | 9         | 112       | <.3       | 3         | 12        | 909       | 4.25    | 9         | <5       | <2        | 3         | 129       | .7        | <2        | <2        | 87       | 2.83    | .099   | 20        | 6         | 1.14    | 121       | .07     | 3        | 1.34    | .12     | .27    | <2       | 3          |
| CRD952-10       | 2         | 17        | 5         | 92        | <.3       | 1         | 12        | 728       | 4.28    | 4         | <5       | <2        | 4         | 114       | .4        | <2        | <2        | 90       | 2.09    | .104   | 18        | 6         | 1.17    | 72        | .05     | 3        | 1.34    | .10     | .15    | <2       | 3          |
| RE CRD952-10    | 2         | 19        | 8         | 92        | <.3       | 3         | 12        | 719       | 4.25    | 9         | <5       | <2        | 4         | 112       | <.2       | <2        | 3         | 89       | 2.09    | .106   | 18        | 6         | 1.16    | 70        | .05     | <3       | 1.33    | .10     | .15    | <2       | 6          |
| RRE CRD952-10   | 2         | 17        | 3         | 93        | <.3       | 2         | 11        | 724       | 4.26    | <2        | <5       | <2        | 3         | 112       | <.2       | <2        | 3         | 89       | 2.10    | .106   | 18        | 5         | 1.17    | 69        | .05     | 5        | 1.33    | .09     | .15    | <2       | 4          |
| CRD953-3        | 4         | 36        | 51        | 222       | <.3       | 2         | 9         | 1425      | 2.59    | 6         | <5       | <2        | 7         | 188       | .7        | <2        | 2         | 47       | 6.31    | .081   | 20        | 4         | .41     | 74        | .02     | <3       | 1.39    | .12     | .31    | <2       | 2          |
| STANDARD C/AU-R | 19        | 61        | 38        | 124       | 6.2       | 66        | 31        | 955       | 3.91    | 38        | 17       | 6         | 37        | 50        | 17.3      | 17        | 20        | 61       | .49     | .088   | 39        | 60        | .88     | 175       | .08     | 31       | 1.73    | .05     | .14    | 12       | 560        |

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.

ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS &gt; 1%, AG &gt; 30 PPM &amp; AU &gt; 1000 PPB

- SAMPLE TYPE: CORE AU\* - IGNITED, AQUA-REGIA/RISK EXTRACT, GF/AA FINISHED.(20 gm)

Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 7 1995

DATE REPORT MAILED:

Sept 15/95

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



## GEOCHEMICAL/ASSAY CERTIFICATE



Fairfield Minerals Ltd. PROJECT CREST/CRD95-1 File # 95-3384 Page 3

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

| SAMPLE#  | Mo<br>ppm | Cu<br>ppm | Pb<br>ppm | Zn<br>ppm | Ag<br>ppm | Ni<br>ppm | Co<br>ppm | Mn<br>ppm | Fe<br>% | As<br>ppm | U<br>ppm | Au<br>ppm | Th<br>ppm | Sr<br>ppm | Cd<br>ppm | Sb<br>ppm | Bi<br>ppm | V<br>ppm | Ca<br>% | P<br>% | La<br>ppm | Cr<br>ppm | Mg<br>% | Ba<br>ppm | Ti<br>% | B<br>ppm | Al<br>% | Na<br>% | K<br>% | W Au**<br>ppm oz/t |
|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|--------------------|
| CRD952-1 | 3         | 24        | 4         | 26        | <.3       | 9         | 6         | 1063      | 1.99    | 7         | <5       | <2        | 8         | 185       | .2        | <2        | <2        | 76       | 9.76    | .013   | 11        | 8         | 1.11    | 48        | .21     | <3       | 1.09    | .09     | .06    | <2<.001            |

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.

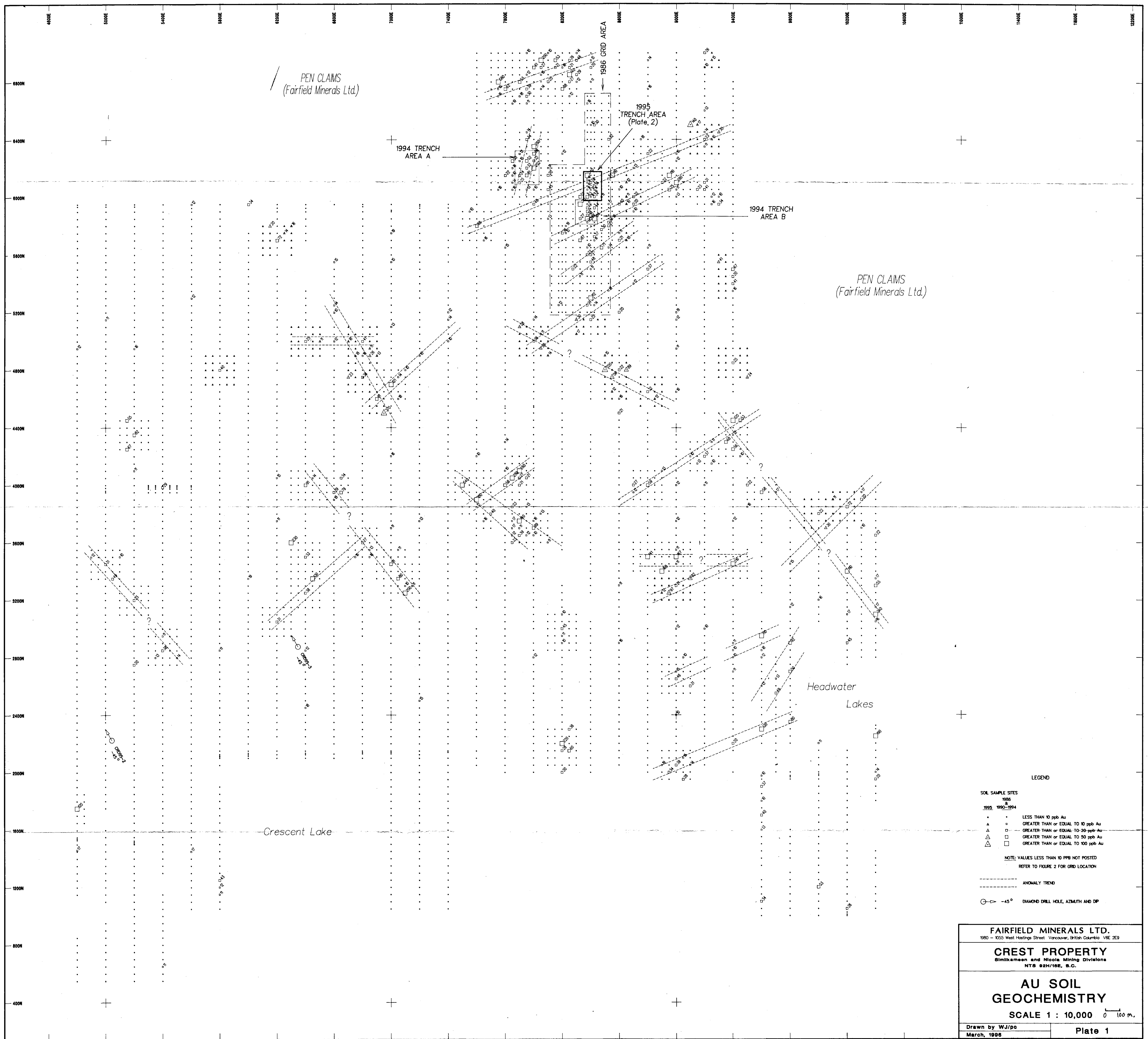
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.

ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS &gt; 1%, AG &gt; 30 PPM &amp; AU &gt; 1000 PPB

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

DATE RECEIVED: SEP 7 1995

DATE REPORT MAILED: *Sept 15/95*SIGNED BY: *C. Leong* D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS



LEGEND

**SOIL SAMPLE SITES**

1986  
 1995, 1996-1994

• LESS THAN 10 ppb Au  
 △ GREATER THAN OR EQUAL TO 10 ppb Au  
 ▲ GREATER THAN OR EQUAL TO 20 ppb Au  
 □ GREATER THAN OR EQUAL TO 50 ppb Au  
 ◻ GREATER THAN OR EQUAL TO 100 ppb Au

NOTE: VALUES LESS THAN 10 PPB NOT POSTED  
 REFER TO FIGURE 2 FOR GRID LOCATION

----- ANOMALY TREND

○ -45° DIAMOND DRILL HOLE, AZIMUTH AND DP

**FAIRFIELD MINERALS LTD.**  
 1980 - 1055 West Hastings Street Vancouver, British Columbia V6E 2E9

**CREST PROPERTY**  
 Bimikameen and Wooten Mining Divisions  
 NTS #24/168, B.C.

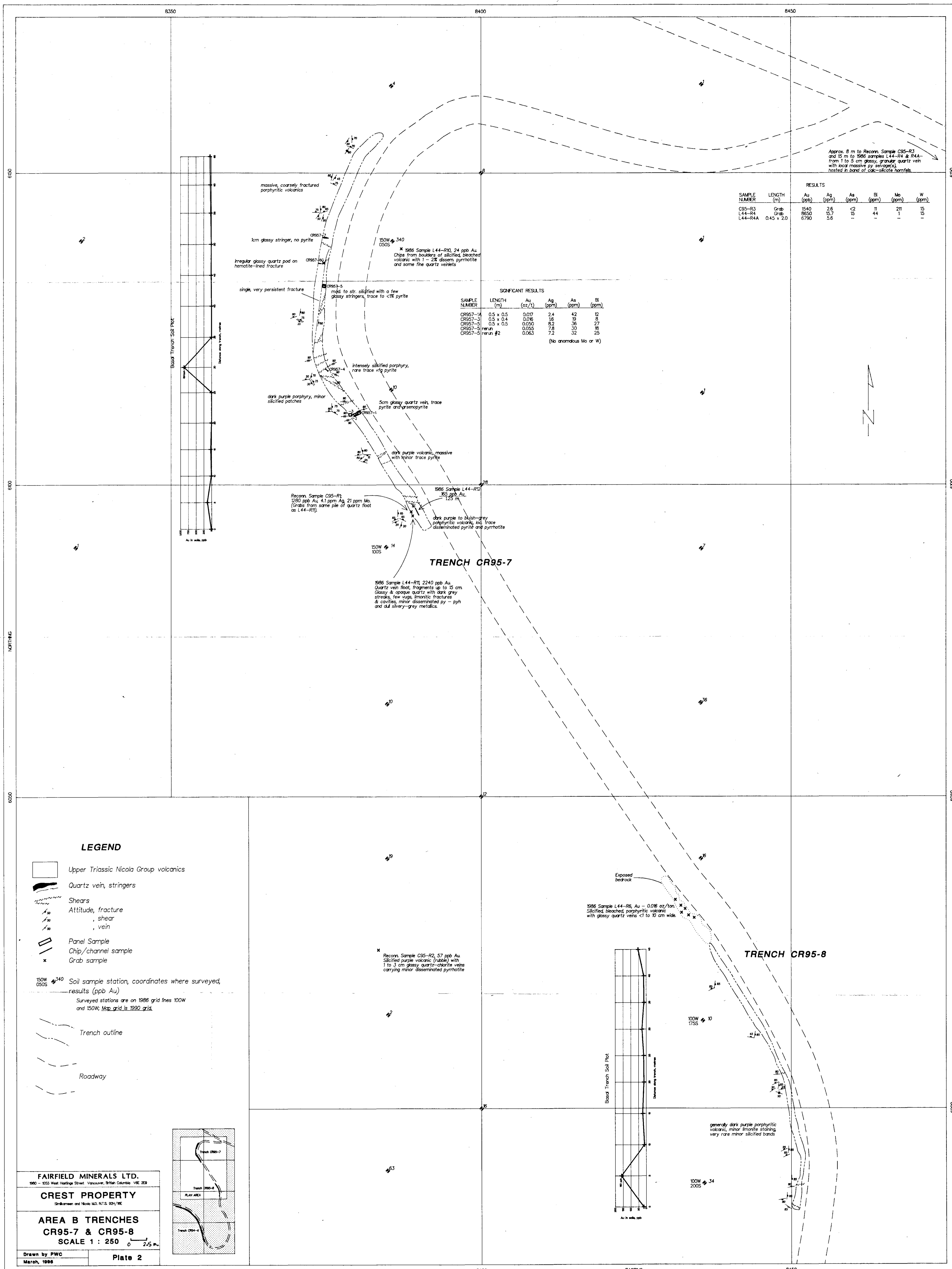
**AU SOIL  
 GEOCHEMISTRY**

SCALE 1 : 10,000 0 100 m.

Drawn by WJ/pc  
 March, 1998

Plate 1





Approx. 8 m to Recon. Sample CR5-R3 and 15 m to 1986 samples L44-R4 & R4A from 1 to 3 cm glassy, granular quartz vein with local massive py setings, hosted in band of calc-silicate hornfels.

| SAMPLE NUMBER | LENGTH (m) | RESULTS  |          |          |          |         |
|---------------|------------|----------|----------|----------|----------|---------|
|               |            | Au (ppb) | Ag (ppm) | As (ppm) | Bi (ppm) | W (ppm) |
| CR5-R3        | Grab       | 1540     | 2.6      | 1.0      | 11       | 211     |
| L44-R4        | Grab       | 1950     | 5.7      | -        | 1        | 15      |
| L44-R4A       | 0.45 x 2.0 | 6790     | 3.6      | -        | -        | -       |

SIGNIFICANT RESULTS

| SAMPLE NUMBER    | LENGTH (m) | Au (oz/t) | Ag (ppm) | As (ppm) | Bi (ppm) |
|------------------|------------|-----------|----------|----------|----------|
| CR957-1A         | 0.5 x 0.5  | 0.017     | 2.4      | 42       | 12       |
| CR957-3          | 0.5 x 0.4  | 0.016     | 18       | 19       | 8        |
| CR957-5          | 0.5 x 0.5  | 0.050     | 8.2      | 36       | 27       |
| CR957-5 rerun    |            | 0.065     | 7.8      | 30       | 18       |
| CR957-5 rerun #2 |            | 0.063     | 7.2      | 32       | 25       |

(No anomalous Mo or W)

- LEGEND**
- Upper Triassic Nicola Group volcanics
  - Quartz vein, stringers
  - Shears
  - Attitude, fracture, shear, vein
  - Panel Sample
  - Chip/channel sample
  - Grab sample
  - Soil sample station, coordinates where surveyed, results (ppb Au)  
Surveyed stations are on 1986 grid lines 100W and 150W; Map grid is 1990 grid.
  - Trench outline
  - Roadway

**FAIRFIELD MINERALS LTD.**  
1960 - 1553 West Hastings Street, Vancouver, British Columbia V6E 2E9

**CREST PROPERTY**  
Sikilimane and Nook, M.D. N.T.S. 929/19E

**AREA B TRENCHES**  
**CR95-7 & CR95-8**  
SCALE 1 : 250

Drawn by PWC  
March, 1998

Plate 2

