1995 DIAMOND DRILLING REPORT ON THE ELK PROPERTY

Similkameen Mining Division, B. C.
Siwash Lake Area, British Columbia
NTS: 92H-16W; Lat. 49°50'N; Long. 120°19'W

February, 1996
VOLUME I: TEXT, TABLES & FIGURES

This report consists of seven volumes:

Volume I:	Text, Tables & Figures
Volume II:	Plates 1 - 15
Volume III:	Plates 16 - 30
Volume IV:	Plates 31 - 45
Volume V:	Plates 46 - 68
Volume VI:	Appendices A & B
Volume VII:	Appendix C

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SIWASH GOLD MINE AREA, ELK PROPERTY

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By

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&

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Vancouver, B. C. V6E 2E9

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1.0 SUMMARY AND CONCLUSIONS

The Elk property consists of 85 contiguous mineral claims comprising 529 units located 40 kilometres west of Peachland, B.C., in the Similkameen Mining Division (NTS: 92H-16W). Initial staking was undertaken in November 1986 (160 units) with additions in 1987 (60 units), 1988 (32 units) and 1989 (199 units). A block comprising 72 units was optioned from Mr. Donald Agur of Summerland, B.C. in October, 1988. Claim acquisition and subsequent work were conducted by Cordilleran Engineering Ltd. for Fairfield Minerals Ltd. until April 1995 when Fairfield assumed operations. Placer Dome Inc. entered into an option agreement on the property in March 1988 and withdrew in March 1991. Fairfield retains 100% interest.

The Elk claims cover forested, gently rolling hills with fair to poor bedrock exposure. The property is accessible by paved highway, 50 kilometres from Westbank, B.C., or 50 kilometres from Merritt, B.C.

Work conducted on the property from 1986 to 1991 consisted of geological mapping, prospecting, linecutting, soil sampling, geophysics, excavator trenching, diamond drilling and road construction. During the 1992 to 1994 field seasons open pit and underground mining extracted 1,600,400 grams of gold from the Siwash North vein system. Reverse circulation drilling, underground diamond drilling, reclamation, road construction, water sampling and aerial photography were also undertaken during this period.

Surface and underground diamond drill programs were carried out in the Siwash Mine area in 1995 to define mineable reserves. Exploration surface drilling was also carried out during the 1995 field season to test trench targets between the Siwash mine site and the South Showing area 2.5 kilometres to the south.

The property is underlain by the Triassic Nicola Group volcano-sedimentary assemblage on the west and by granitic rocks of the Jurassic Osprey Lake Batholith on the east. Feldspar porphyry stocks of the Upper Cretaceous Otter Intrusions cut both of these groups. Andesite dykes intrude all of the above units and are interpreted to be of Tertiary Age.

Gold-silver mineralization on the Elk property is hosted by pyritiferous quartz veins and pyritiferous altered granite. The mineralized features generally trend northeasterly and are thought to be Late Cretaceous or Tertiary in age. To date, mineralization has been located in seven areas of the Elk property: Siwash North, South Showing, Discovery Showing, Lake Zone, End Zone, Great Wall Zone and Elusive Creek.

Underground diamond drilling totalling 7612m in 217 holes at ten metre centres was completed in the Siwash mine during 1995. Eight mineable ore blocks were defined containing a total of 853,406 grams gold. Surface diamond drilling at Siwash tested continuity of grade and structure on known ore shoots, with 70 holes totaling 4706 metres. A possible reserve of 2,110,900 grams gold was outlined. The vein system remains open to depth and along strike.

In the Lake Zone area, 800 metres south of Siwash, an east trending quartz vein exposed by trenching in 1990 and drilled in 1991 was tested by seven more holes totalling 477 metres. The vein structure, hosted in quartz monzonite and adjacent to an andesite dyke was intersected in all holes and returned grades up to 55.44 gm/t gold over 0.55m. The vein has been drill tested over a strike length of 245 m and 120m down dip. The andesite dyke has been indicated for 1200m along strike by VLF-EM.

The Great Wall Zone, End Zone, Discovery Area and South Showing Area, located within two kilometres to the south of the Lake Zone, were drill tested with 21 diamond drill holes totalling 1168 metres. East-northeast trending veins that had been previously exposed by

trenching were tested. The structures were confirmed at depth returning results up to 32.13 gm/t over 0.40 metre.

The results of exploration on the Elk Property are extremely encouraging. A combined possible and probable reserve of 2,964,300 grams of gold is presently indicated and will likely be expanded by further drilling. 1,600,400 grams of gold have been extracted profitably by open pit and underground mining. Promising vein structures are present in the Siwash Lake area and geophysical and geochemical anomalies in the Elk South area with similar signatures have yet to be tested. Potential for the discovery of additional gold reserves remains strong in the South Showing and Discovery areas as indicated by results of drilling and trenching programs. Excellent access to services is provided by the Okanagan Connector highway which passes two km north of the Siwash mine. Continued aggressive exploration is definitely warranted to fully define the extent of this gold resource.

****

2.0 RECOMMENDATIONS

The following exploration program is recommended:

1. Drill test the near surface mineralized zone between 2405E and 2550E to clarify the open pit potential with approximately 12 holes on 10m centres.

2. Drill test the East Slope area to explore for near surface mineralization indicated by high soil geochemistry and a 47.35 gm/t grab sample. Approximately eight holes at 50m centres are recommended.

3. Drill test the area east of the Deep B zone with 18 wide spaced holes to determine the continuity and grade of the mineralization. Fill-in at closer spacing around significant intercepts.

4. Drill three holes on the west side of the present open pit to clarify the vein structure and determine the feasibility of expanding the pit to the west.

5. Test the geochemical anomaly south of the South Showing area by detailed overburden sampling with the goal of producing drill targets.

6. Test the geochemical anomaly to the southwest of the Siwash mine area by detailed overburden sampling to attempt to outline drill targets.

Respectfully submitted

FAIRFIELD MINERALS LTD.

Wojtek Jakubowski, B.Sc., P.Geo.
Geologist

3.0 INTRODUCTION

This report describes the results of a diamond drilling program conducted on the Elk property during the period April 13 to September 23, 1995. The work was managed by personnel of Fairfield Minerals Ltd. with the intent to delineate mineable reserves at the Siwash Gold Mine and to test the grade and continuity of targets trenched in previous years south of the mine area.

3.1 LOCATION AND ACCESS (Figure 1)

The Elk property is located 40 kilometres west of Okanagan Lake in southern British Columbia approximately midway between Merritt and Summerland, at latitude 49°50'N and longitude 120°19'W (Figure 1). The claims cover heavily forested rolling terrain of the Trepanege Plateau highlands. Elevations range from 1300 to 1750 metres above sea level. Access to the property is excellent, with the Okanagan Connector highway passing through the northern claims. Merritt and Kelowna are within one hour driving time from the camp location. Field operations in 1995 were based out of a tent camp centrally located on the property.

3.2 CLAIM DATA (Figure 2)

The Elk property consists of 48 two post claims, 29 four post claims and eight fractional claims comprising 529 units (Table 1). The claims are 100% owned by Fairfield Minerals Ltd. with the exception of the Agur Option block (72 units), on the south side of the property which is subject to 1% NSR from production.

Table 1 MINERAL CLAIMS AS AT JANUARY 31, 1996

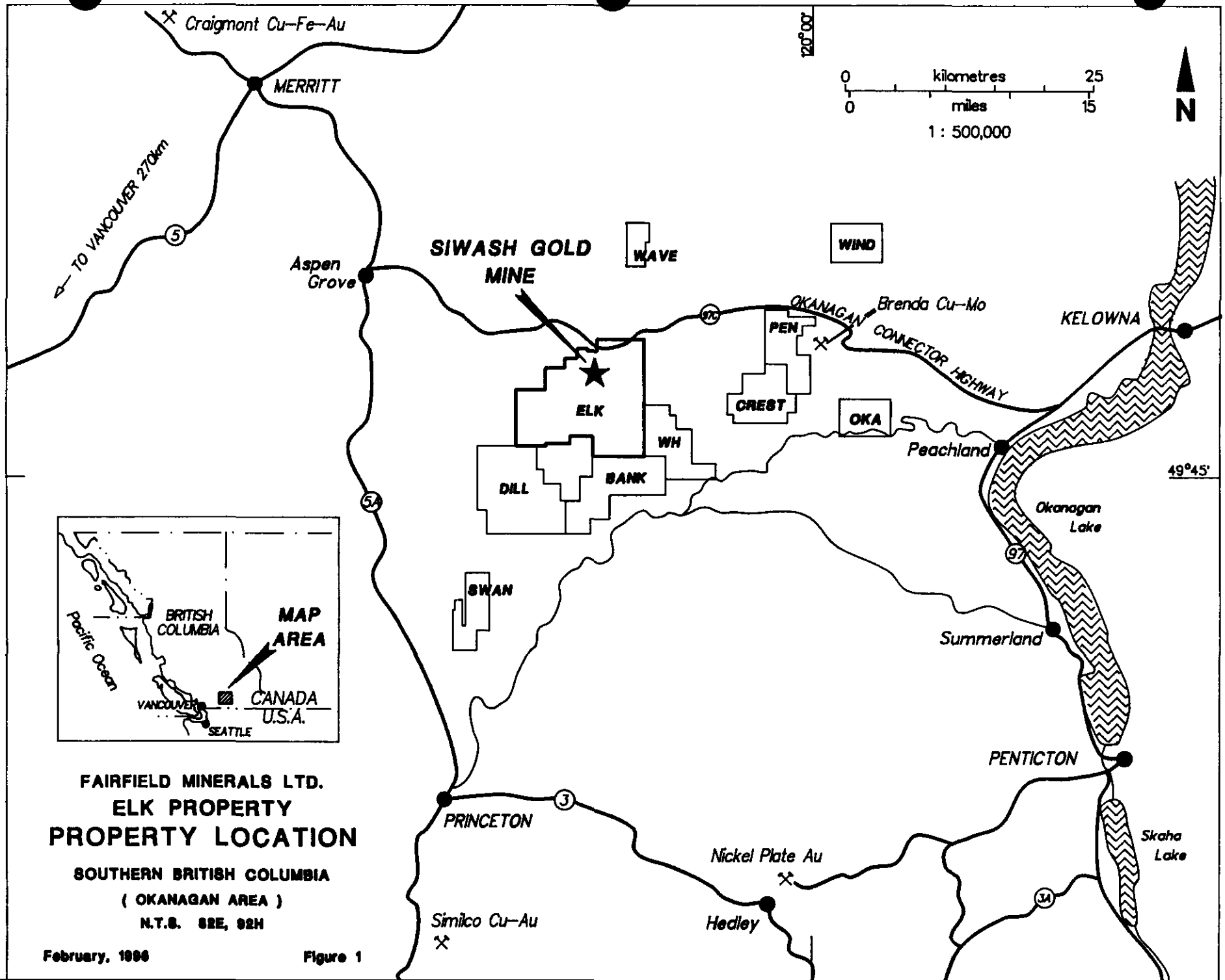
ELK PROPERTY CLAIM STATUS

CLAIM	UNITS	TENURE NO.	EXPIRY DATE
ELK 1	20	249145	28 NOV 2005
ELK 2	20	249146	28 NOV 2005
ELK 3	2-post	249152	28 NOV 2001
ELK 4	2-post	249153	28 NOV 2001
ELK 5	2-post	249154	28 NOV 2002
ELK 6	2-post	249155	28 NOV 2001
ELK 7	2-post	249156	28 NOV 2002
ELK 8	2-post	249157	28 NOV 2001
ELK 9	2-post	249158	28 NOV 2002
ELK 10	2-post	249159	28 NOV 2001
ELK 11	2-post	249160	28 NOV 2002
ELK 12	2-post	249161	28 NOV 2001
ELK 13	2-post	249162	28 NOV 2002
ELK 14	2-post	249163	28 NOV 2001
ELK 15	2-post	249164	28 NOV 2002
ELK 16	2-post	249165	28 NOV 2001
ELK 17	2-post	249166	28 NOV 2002
ELK 18	2-post	249167	28 NOV 2001
ELK 19	20	249147	28 NOV 2005
ELK 20	20	307936	5 MAR 2005
ELK 21	20	307937	5 MAR 2005
ELK 22	2-post	249168	28 NOV 2002
ELK 23	2-post	249169	28 NOV 2002
ELK 24	2-post	249170	28 NOV 2002

ELK PROPERTY CLAIM STATUS ... continued

CLAIM	UNITS	TENURE NO.	EXPIRY DATE
ELK 25	2-post	249171	28 NOV 2002
ELK 26	20	249150	28 NOV 2002
ELK 27	20	249151	28 NOV 2001
ELK 28	20	249254	24 SEP 2002
ELK 29	20	249255	24 SEP 2002
ELK 30	20	249256	24 SEP 2002
ELK 31	2-post	249330	17 AUG 2002
ELK 32	2-post	249331	17 AUG 2002
ELK 33 FR	1	249363	28 SEP 2002
ELK 34	2-post	249367	29 SEP 2002
ELK 35	2-post	249366	29 SEP 2002
ELK 36	12	249395	2 NOV 2002
ELK 37	15	249396	31 OCT 2002
ELK 38	16	249469	7 MAY 2002
ELK 39	16	249470	7 MAY 2001
ELK 40	12	249471	7 MAY 2001
ELK 41	20	249473	9 MAY 2000
ELK 42	12	249474	9 MAY 2002
ELK 43	16	249472	7 MAY 2002
ELK 44	20	249509	6 JUN 2002
ELK 45	20	249510	6 JUN 2002
ELK 46	16	249511	5 JUN 2002
ELK 47	20	249512	6 JUN 2002
ELK 48	2-post	249513	4 JUN 2002
ELK 49	2-post	249514	4 JUN 2002
ELK 50	2-post	249515	4 JUN 2002
ELK 51	2-post	249516	4 JUN 2002
ELK 52	2-post	249517	6 JUN 2002
ELK 53	2-post	249518	6 JUN 2002
ELK 54 FR	1	249519	6 JUN 2002
ELK 55	2-post	249547	5 JULY 2002
ELK 56	2-post	249548	5 JULY 2001
ELK 57	2-post	249549	5 JULY 2001
ELK 58	2-post	249550	5 JULY 2001
ELK 59	2-post	249551	5 JULY 2001
ELK 60	2-post	249552	5 JULY 2001
ELK 61	2-post	249553	5 JULY 2001
ELK 62	2-post	249554	6 JULY 2002
ELK 63	2-post	249555	6 JULY 2002
ELK 64	2-post	249556	6 JULY 2002
ELK 65 FR	1	249557	6 JULY 2002
ELK 66	2-post	249558	7 JULY 2002
ELK 67 FR	1	249559	7 JULY 2002
ELK 68 FR	1	249560	7 JULY 2002
ELK 69	2-post	249561	7 JULY 2002
ELK 70 FR	1	249562	7 JULY 2002
ELK 71	2-post	249563	7 JULY 2001
ELK 72 FR	1	249564	7 JULY 2002
ELK 73 FR	1	249685	20 AUG 2002
SIWASH NORTH	**6**	**307935**	***4 MAR 1996**
ARP	20	248738	13 SEP 2001
FERGITO ALLENDO 1	20	248739	13 SEP 2001
FERGITO ALLENDO 2	18	248740	13 SEP 2001
NANCI P2	2	248732	13 AUG 2001
TEEPEE	2	248735	13 AUG 2001
SIWASH 50	2	248927	10 NOV 2002
GAVIN 1	2-post	249659	26 SEP 2001
GAVIN 2	2-post	249660	26 SEP 2001
GAVIN 3	2-post	249661	26 SEP 2001
GAVIN 4	2-post	249662	27 SEP 2001
GAVIN 5	2-post	249663	27 SEP 2001
85 CLAIMS	481 UNITS +48 2-post CLAIMS		

*** LEASE SUBJECT TO $1,500.00/YEAR RENTAL DUE SEPTEMBER 14**



FAIRFIELD MINERALS LTD.

ELK PROPERTY
PROPERTY LOCATION

SOUTHERN BRITISH COLUMBIA

(OKANAGAN AREA)

N.T.S. 82E, 92H

February, 1996 **Figure 1**

ELK PROPERTY OUTLINE

HWY 97C

Okanagan Connector

Elkhart Exit

Lodge

SIWASH GOLD MINE

SIWASH NORTH

SIWASH LAKE AREA

Siwash Lake

Cabins

DISCOVERY SHOWING AREA

CAMP

SOUTH SHOWING AREA

ELUSIVE CREEK AREA

AGUR OPTION AREA

FERGITO ALLENDO 2

FERGITO ALLENDO 1

NANCI P2

TEEPEE

Coleman Lake

Topaz Lakes

Sunday

Friday

Saturday

ELK1 ELK2 ELK3 ELK4 ELK5 ELK6 ELK7 ELK8 ELK9 ELK10 ELK11 ELK12 ELK13 ELK14 ELK15 ELK16 ELK17 ELK18 ELK19 ELK20 ELK21 ELK22 ELK23 ELK24 ELK25 ELK26 ELK27 ELK28 ELK29 ELK30 ELK31 ELK32 ELK33 ELK34 ELK35 ELK36 ELK37 ELK38 ELK39 ELK40 ELK41 ELK42 ELK43 ELK44 ELK45 ELK46 ELK47 ELK48 ELK49 ELK50 ELK51 ELK52 ELK53 ELK54 ELK55 ELK56 ELK57 ELK58 ELK59 ELK60 ELK61 ELK62 ELK63 ELK64 ELK65 ELK66 ELK67 ELK68 ELK69 ELK70 ELK71 ELK72 ELK73 FRAC

GAVIN1 GAVIN2 GAVIN3 GAVIN4 GAVIN5

SIWASH 39

ARP

N

UTM NORTH

0m 500 1000 2000 3000

FAIRFIELD MINERALS LTD.

1980 – 1055 West Hastings Street Vancouver, British Columbia V6E 2E

ELK PROPERTY

Similkameen Mining Division, British Columbia
NTS 92H 16W

CLAIM AND AREA LOCATION MAP

February, 1996 | Figure 2

3.3 History

During the first half of the century the El Paso adit was driven into volcanic rocks in the area currently covered by the Elk 31 claim. Quartz vein-hosted lead-zinc-silver-gold mineralization was encountered. No production of ore was achieved.

Over the last forty years Don Agur of Summerland, B.C. prospected and trenched the north and west parts of the present Elk property area, as well as a large region to the south along Siwash Creek.

Phelps Dodge Corporation of Canada Ltd. carried out copper exploration during 1972 which included mapping and soil geochemistry in the area of the present Elk 19, 28, 31, 32, 34, 35, Siwash 50 and Arp claims.

Utah Mines Ltd. conducted mapping, geochemistry, IP geophysics and trenching to evaluate copper mineralization on their Siwash claim group which, in part, covered the present Siwash 50 and Elk 28 claims.

Brenda Mines Ltd. worked on the Siwash claim group which included the area now comprising the southern part of the Elk property. A rigorous copper exploration program including mapping, soil geochemistry, geophysics, trenching and diamond drilling was undertaken between 1979 and 1981. Work was done on the area currently covered by the Elk 19, 28, 31 to 37, 41, 42, Arp, Fergito Allendo I, II, Nanci P2 and Tepee claims.

Exploration for molybdenum was undertaken by Cominco Ltd. during 1980 on what is now the Elk 26, 27, 29, 43 to 45, 71 and 72 claims. Work included geological mapping and soil geochemistry.

No significant discoveries resulted from any of the above programs.

The Elk 1 to 27 claims were staked in November 1986 by Cordilleran Engineering Ltd. for Fairfield Minerals Ltd. to cover new showings of gold-silver mineralization hosted in pyritic quartz veins cutting a granite batholith and andesite dykes. Preliminary hand trenching and soil sampling were conducted.

During 1987, widespread and detailed grid soil sampling programs were undertaken to define areas anomalous in gold. Nine trenches, totaling 1528m were excavated in two areas (Discovery and South Showings) to test soil geochemical targets, exposed quartz veins and altered breccias hosted in granite. IP, magnetometer and VLF-EM geophysical surveys were carried out over the trenched areas. The Elk 28 to 30 claims were staked in September 1987 to acquire ground along projections of favourable geochemical trends.

The 1988 program included collection of 2246 soil samples on the claims acquired in 1987 and trenching in the Siwash North and Elusive Creek areas. Four kilometres of road was constructed for access and eleven trenches totaling 2884 metres which exposed quartz-vein-hosted gold mineralization were mapped and sampled. The Elk 31 to 37 claims were staked to cover adjacent favourable areas.

During the 1989 field season, the Elk 38 to 73 claims were staked to cover projections of anomalous soil geochemical trends. Fifty line-km of VLF-EM and magnetometer surveys were carried out in the Siwash Lake and Siwash North areas and 4865 soil samples were collected on the new claims. A total of 56.25 km of baseline was cut to provide control for soil sampling and geophysical surveys. Trenches were excavated in the South Showing, Siwash North and Siwash Lake areas for a total of 2223 linear metres of bedrock exposure in

25 trenches and stripped areas. The high grade gold bearing quartz vein system in the Siwash North area was further delineated over a strike length of 750m. Twelve diamond drill holes totaling 752m tested the down dip continuity of this system.

During 1990 a total of 5168.34m of HQ diamond drilling in 58 holes was carried out in the Siwash North area on a 50m grid spacing. Quartz vein hosted gold mineralization in the Siwash North area was further exposed by seven trenches and three stripped areas totaling 544 linear metres. Diamond drilling in the Siwash Lake area consisted of 259.08m of HQ core in four drill holes (SLD90-56 to 59). Six trenches and one stripped area totaling 607 linear metres of bedrock exposure were excavated in the Siwash Lake area. Soil sampling on the northern Elk claims was concentrated in the Siwash Lake area where 250 fill-in samples were collected around anomalous coarse grid stations. One thousand two hundred and fifty-four soil samples were collected on southern Elk claims. Magnetometer and VLF-EM surveys were carried out on the Agur Option area on flagged lines 100m apart for a total of 50 line km.

Exploration on the Elk claims during the 1991 field season consisted of diamond drilling, trenching and aerial photography. Thirty seven new holes were drilled and two were deepened for a total of 6608.38m in the Siwash North area to test down dip and on strike continuity of quartz vein hosted gold mineralization discovered during previous seasons work. The drill core was logged at 1:50 and 1:100 scales, photographed and sampled. All core is stored on site. Five hundred and ninety eight samples were taken and sent to Acme Analytical Labs for gold assay and analysis.

One trench was dug in the End Zone, 200m southwest of Siwash Lake, to further expose a quartz vein discovered by trenching in 1990. The vein is continuous across the entire length of the 45m trench. Thirty two rock chip samples were collected and sent to Acme for gold assay and analysis.

An area four by eight kilometres, centered over the Siwash North area was aerially photographed in colour and black and white at 1:8,000 and 1:15,000 scales.

During 1992, a bulk sample was extracted from an open pit on the Siwash vein in the Siwash North area. It totaled 2,040 tonnes grading 137.7 gm/t gold. A small crushing/sampling plant was installed for ore grade control.

Ore was shipped to Noranda's Horne smelter in Rouyn-Noranda, PQ for metallurgical testing and smelting.

A total of 79 reverse-circulation holes were drilled in September and October to test for further open pitable reserves. A total of 223 reverse circulation chip samples were shipped to Acme Analytical Labs for assay and analysis.

In 1993, open pit mining continued, with the extraction of 3,387 tonnes of bulk sample material grading 105.6 gm/t. Eleven reverse-circulation drill holes totaling 942 metres tested the vein to the south and east of the open pit.

Ore was crushed on site to minus 6 inches and then shipped to ASARCO's smelter in Helena, Montana.

A portal was collared on June 28, and 480 metres of decline was driven at -15 percent to access high-grade ore shoots. Two vein drifts were developed for test mining, the 1570 level on the steeply dipping limb of the vein, and the 1611 level immediately downdip from the central core of the open pit on the flat dipping limb. Drifting on the 1570 level produced about 140 tonnes of ore grading 38 gm/t, whereupon the drift was abandoned and refilled due to poor ground conditions. Three raises at 5 metre centres, totaling 36 metres in length

were driven up dip off the 1611 level drift. Following development of the raises, the quartz vein was stoped from the pillars producing about 315 tonnes of ore grading approximately 70 gm/t.

In 1994, the Company received a mining permit, the open pit was expanded and 9,180 tonnes of ore grading 91.5 gm/t were extracted.

Underground, the 1611 level drift was extended to the west. Five raises were added and the existing ones lengthened to 1620m elevation. Approximately 1,200 tonnes of quartz vein material grading about 78 gm/ton was extracted.

An underground diamond drilling program was carried out between April 7 and May 31, with 5,011m of core drilled in 84 holes from the existing decline to define ore reserves. A total of 448 core samples were collected.

Further underground development was undertaken on completion of the open pit, with the main decline being extended 330 metres. A second decline branched east from the main ramp, for a length of 185 metres. Test mining was carried out on two levels. A longhole stoping test on the 1584 level produced 95 tonnes at 16.5 gm/t from drifting on the ore. Longhole blasting produced excessive dilution and the most of the material remains in the stope. On the 1589 level, a shrinkage stope test was undertaken. Stoping proceeded about 6 metres up dip along the 30 metre length of the drift. About 105 tonnes at 15 gm/t were hauled to surface, however, much of the material remains in the stope..

3.4 1995 Exploration Program

Exploration on the Elk claims in 1995 consisted almost entirely of diamond drilling. Two hundred and seventeen underground diamond drill holes totaling 7,612 m were drilled from the decline ramp in the vein footwall, between April 13 and August 12, to test grade and continuity of the mineralized zone. The core was logged, photographed, and sampled, and is stored on site. A total of 918 core samples were collected from underground holes and sent to Acme Analytical Laboratories for gold assay and analysis.

Surface diamond drilling was undertaken between June 21 and September 22. In the Siwash North area, 70 holes were drilled totaling 4,645 metres. In the Lake Zone area, 7 holes totaling 477m were completed. Two holes (102m) were drilled on the Great Wall Zone, and four holes on the End Zone (187m). Six holes were drilled on Discovery Showing and nine holes on the South Showing areas, totaling 397m and 481m respectively. In all. 6289 metres were drilled in 98 surface holes. A total of 581 core samples were collected and sent to Acme Analytical Labs for assay and analysis.

A small trench measuring about 10m along strike and 4m wide was dug at the Great Wall Zone to test the grade of a quartz vein encountered during road construction. A ten centimetre vein trending 55 degrees and dipping 60 degrees to the south was exposed. Two 0.5m square panel samples were taken across the vein and returned grades of 0.51 gm/t and 0.99 gm/t Au.

A total of 38 soil geochemical samples were taken to the east of the clear-cut in the Siwash North area. Prospecting in areas of anomalous samples uncovered quartz vein float which assayed 47.35 gm/t.

Two test pits were dug in the southern South Showing area. Ten trench wall soil profile samples taken.

4.0 GEOLOGY

4.1 REGIONAL GEOLOGY (Figure 3)

The Elk property is located in the Intermontane tectonic belt of south central B.C. Hope Geological Map 41-1989 by J. W. H. Monger (1989) shows the area to be underlain by Upper Triassic volcanics and sediments of the Nicola Group and by Jurassic granites and granodiorites of the Osprey Lake Batholith. The contact between these units trends northeasterly across the property. Early Tertiary feldspar porphyry stocks and dykes of the Otter Intrusions occur throughout the claims and a large body to the south is spatially associated with many known showings of copper, lead, zinc and silver.

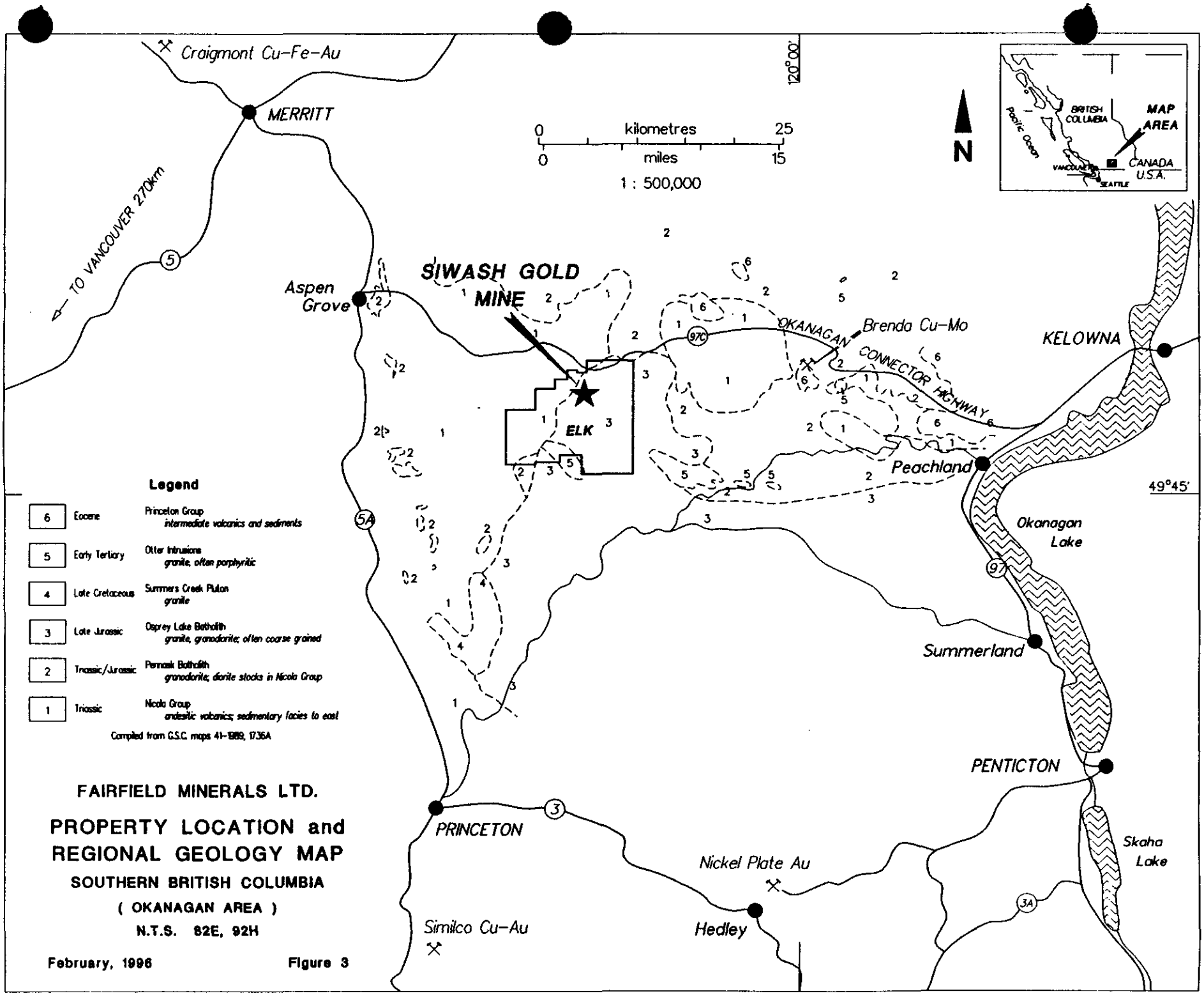
4.2 PROPERTY GEOLOGY

The western claims area is underlain by steeply west-dipping andesitic to basaltic flows, agglomerates, tuffs and minor siltstone and limestone units of the Upper Triassic Nicola Group. The eastern half of the property is underlain by Jurassic granitic rocks of the Osprey Lake Batholith. The contact between these two assemblages trends approximately north-northeast. Upper Cretaceous to Tertiary feldspar porphyry and quartz-feldspar porphyry stocks and dykes of the Otter Intrusions cut both of the above. Breccias containing rounded volcanic, dioritic and granitic fragments in a granitic matrix crosscut Nicola Group rocks, Osprey Lake and Otter Intrusions. Andesite dykes are the youngest units mapped, post dating all of the above. Mineralization appears to be spatially associated with these (Tertiary?) andesite dykes which are locally cut by quartz veins.

The Nicola Group lithologies mapped on the Elk property consist of dark greyish green, massive basaltic andesite; some porphyrytic containing pyroxene and/or amphibole phenocrysts; some containing 0.5 mm laminae of sand-sized black grains; pale grey-green siliceous laminated tuff; and brownish-green to pale green agglomerates containing fragments from 5 to 50 cm in size. Nicola Group rocks are occasionally silicified, carbonatized or epidote altered. Iron oxide staining and finely disseminated pyrite are common.

The Osprey Lake granitic rocks on the Elk property are pinkish grey, medium- to coarse-grained, equigranular, and contain quartz, orthoclase, plagioclase and biotite. Petrographic analyses indicate the composition varies from quartz monzonite to granodiorite. Pink, sugary textured, aplite and pegmatite dykes cut the quartz monzonite and were probably a late phase of the intrusive event. Quartz diorite related to the batholith is far less common and occurs as stocks. It is pale grey, generally medium to fine grained and contains visible quartz, plagioclase, biotite and amphiboles. Dykes of quartz monzonite and hornblende-biotite quartz monzonite have also been mapped. They are medium greenish-grey, medium grained and contain feldspar and occasionally hornblende phenocrysts. Alteration assemblages include weak to strong propylitic, argillic, phyllic and silicic, noted predominantly with vein structures in the trenched areas where these recessively weathering features have been exposed.

The Otter Intrusions comprise quartz-feldspar porphyry, feldspar porphyry and quartz-biotite-feldspar porphyry dykes and stocks. Quartz-feldspar porphyry is extensively clay altered and contains feldspar phenocrysts up to five cm, averaging about five mm. The altered groundmass is beige in colour and extremely friable. Feldspar porphyry rocks range from medium grey to red and contain feldspar phenocrysts 2 to 5 mm in size that vary in


Craigmont Cu-Fe-Au
MERRITT
TO VANCOUVER 270km
Aspen Grove
SIWASH GOLD MINE
ELK
OKANAGAN CONNECTOR HIGHWAY
Brenda Cu-Mo
KELOWNA
Peachland
Okanagan Lake
Summerland
PENTICTON
Skaha Lake
PRINCETON
Nickel Plate Au
Similco Cu-Au
Hedley
120°00'
49°45'
0 kilometres 25
0 miles 15
1 : 500,000
N
BRITISH COLUMBIA
MAP AREA
Pacific Ocean
CANADA
U.S.A.
VANCOUVER
SEATTLE
Legend
6 Eocene Princeton Group intermediate volcanics and sediments
5 Early Tertiary Otter Intrusions granite, often porphyritic
4 Late Cretaceous Summers Creek Pluton granite
3 Late Jurassic Osprey Lake Batholith granite, granodorite; often coarse grained
2 Triassic/Jurassic Pennask Batholith granodorite; diorite stocks in Nicola Group
1 Triassic Nicola Group andesitic volcanics; sedimentary facies to east
Compiled from G.S.C. maps 41-1989, 1736A
FAIRFIELD MINERALS LTD.
PROPERTY LOCATION and REGIONAL GEOLOGY MAP
SOUTHERN BRITISH COLUMBIA
(OKANAGAN AREA)
N.T.S. 82E, 92H
February, 1996
Figure 3

quantity from 3 to 40 percent. Petrographic examination of the red, medium packed feldspar porphyry indicated that it is syenitic in composition. Quartz-biotite-feldspar porphyry is greyish beige and is typified by small biotite grains with equal quantities of fine quartz and feldspar phenocrysts.

The breccias noted on the property have granitic matrices and contain rounded to sub-rounded granite, diorite and andesite clasts varying in size from 5 to 25 cm. The elongate breccia bodies vary in width from 5 to 30 metres and trend northeasterly. These zones may be portions of major fault structures, but displacement, if any, is not readily apparent.

Andesite dykes are dark greyish-green, fine grained and vary in thickness from 30 cm to 5 metres. They are commonly muscovite altered and brown weathering. Strong orange and blue clay alteration has also been noted in these rocks.

4.3 Structural Geology

Nicola Group rocks on the west side of the property dip approximately 60 degrees to the west forming the east limb of a syncline mapped by Rice. The syncline trends roughly north-south and its axis passes about five km west of the claims.

The Elk property topography reflects several linear structures, the most prominent being the north to northeast trending features occupied by Siwash Creek, Elusive Creek and a parallel creek 2.5 kilometres to the east. Subtle east-northeast trends are evident on aerial photographs and are commonly associated with mineralization.

Structural deformation in the area appears to be minimal.

4.4 Mineralization

Gold mineralization on the Elk property is hosted primarily by quartz veins and stringers in altered granitic and, less frequently, volcanic rocks. Cross- cutting relationships indicate that the veins are Tertiary in age; they may be related to Tertiary Otter intrusive events.

In the Siwash North area, gold occurs in veins measuring 5 cm to 70 cm thick, hosted by a zone of strongly sericitic- to phyllic-altered granitic and, in the west, volcanic rocks. In general, the mineralized zone trends ENE with southerly dips from 20° to 80° (from east to west), and appears to be related to minor shearing. In the eastern parts of the area, up to six sub-parallel zones occur. Five of these zones are consistent enough to be labeled the A to E zones. Mineralization in the west has been identified in up to three main zones (B, C, and PC). The B zone is locally divided into several subzones, with each one locally auriferous.

From surface to a depth of several metres, oxidized groundwater has leached out most of the sulfides with some pyrite and chalcopyrite remaining. Mineralization occurs primarily as native gold, occasionally as spectacular aggregates of coarse flakes, in frothy quartz (strong pyrite boxwork) or in fractures in the vein. Electrum was noted in one area as very coarse-grained flakes associated with strong manganese staining. Gold was seen rarely in boxworks in phyllic alteration.

In drill core, mineralization has not been affected by supergene processes. Gold is strongly associated with pyrite and with a blue-grey mineral. Photomicrographs show the gold commonly in contact with this mineral, which may be an Au-Bi alloy (maldonite?) or a Cu-Bi-Sb sulfosalt. Au-Cu, Au-Bi, and Cu-Bi relationships have been shown by statistical determinations (Cordilleran Engineering Ltd. 1990). Metallic minerals in the core include

pyrite, chalcopyrite, sphalerite, galena, tetrahedrite, maldonite(?), pyrrhotite, and native gold (in order of decreasing abundance).

Gangue mineralogy consists primarily of quartz and altered wall-rock fragments. Ankerite is commonly present, with lesser amounts of calcite. Minor barite is also present. Fluorite was noted in one vein as very small (<1 mm) zoned purple cubes scattered in the quartz.

In the northern Lake Zone, mineralization occurs mainly in quartz stringers and veins up to 35 cm thick, hosted by strongly argillic- to phyllic-altered granitic rocks, closely associated with an andesite dyke. The zone trends easterly and dips about 60° to the south. At surface and in drill core, the gold is associated with pyrite, chalcopyrite, and locally high concentrations of galena and sphalerite. Tetrahedrite and maldonite(?) are also locally present. Silver values are much higher than in Siwash North, probably associated with the greater galena content of the veins. The gangue mineralogy is similar to Siwash North.

Mineralization in the End Zone area is similar to that in the north, but trends approximately northeast dipping about 70° to the south. The quartz veins are 1 to 20 cm in thickness and are hosted in strongly to moderately altered quartz monzonite as seen in trenches. The dominant sulphide minerals noted in the quartz veins were pyrite, galena, sphalerite, chalcopyrite, tetrahedrite and arsenopyrite. Silver to gold ratios were also elevated, similar to the Lake Zone.

In the Discovery Showing area (previously called the North Showing), pyritic quartz veining occurs within a package of altered quartz monzonite, intruded by numerous feldspar, quartz-feldspar porphyry and andesite dykes, with local diatreme breccia bodies.

In the South Showing area, mineralization occurs mainly in quartz stringers in altered granitic rocks, in association with breccia or with intensely argillized andesite dykes. Gold is rarely visible, and is associated with pyrite and base-metal sulfides. The highest grade sample is from a zone of quartz stringers paralleling the breccia, accompanied by weak sericitic alteration.

4.4.1 Alteration

On the Elk property, stronger alteration generally accompanies higher grade gold mineralization.

Seven main types of alteration were recognized throughout the property: Propylitic, argillic, sericitic, K-spar stable phyllic, phyllic, advanced argillic and silicic. Locally, potassic alteration, skarnification, and silicification were noted, but were relatively minor and did not appear to be related to mineralization. The following descriptions refer to granitic rocks except as noted.

propylitic:
Generally light green with biotite and hornblende altered to chlorite and saussuritization of plagioclase. In volcanics, colour is generally olive-green, and rock is soft.

argillic:
Rock is bleached, with plagioclase white and clay-altered; K-spar is slightly altered. Volcanics are bleached to light green or grey.

sericitic:
Typically pale green with a micaceous sheen, with plagioclase altered to sericite; trace disseminated pyrite may be present. Often associated with quartz veins, and

appears to be the lowest grade alteration associated with gold mineralization. Not recognized in volcanics.

K-spar stable phyllic:
Light pink, green, or yellowish with K-spar fresh, pink and blocky. Plagioclase and mafic minerals are altered to fine-grained quartz-sericite-pyrite. Often occurs with veins and associated with gold mineralization. Not recognized in volcanics.

phyllic:
Generally grey, fine-grained quartz-sericite-pyrite alteration. Usually associated with veins often gradational to quartz and often auriferous.

advanced argillic:
Most or all of feldspar is destroyed, quartz is "free-floating"; often sheared, white in colour. Volcanics are white or blue coloured. Often associated with quartz veins.

silicic:
Quartz veining or replacement. Hard with moderate conchoidal fracture. Textures may be blurred.

There is a strong symmetrical zoning of alteration around the quartz veins:

VEIN - ADVANCED - PHYLLIC - K-SPAR STABLE - ARGILLIC - PROPYLITIC
ARGILLIC PHYLLIC

Secondary bands and zones of alteration may be present, and any of the alterations may be missing.

At surface, the alteration may produce a striking "rainbow" effect with the rock colour grading from white (vein) through grey, yellow, orange, rust, brown, and green (propylitic). In drill core, the effect is less striking and extensive, but the general pattern is still present.

4.4.2 Genetic Considerations

Gold mineralization on the Elk property appears to be related to Tertiary tectonic and intrusive events as inferred from crosscutting relationships.

At various locations on the property, quartz veins have been mapped cutting Tertiary(?) andesite dykes which have intruded Tertiary Otter intrusions, Jurassic Osprey Lake Batholith and Triassic Nicola volcanics. In the Siwash North area one quartz vein was found crosscut by an andesite dyke. Cataclastic textures in the quartz veins mapped in the Siwash North and Discovery Showing areas suggest reactivation of the structures hosting the veins. Late stage Otter intrusive activity may have acted as the "heat pump" for the mineralizing fluids. Petrographic analysis indicates that the deposition of gold mineralization was a late-stage event in the hydrothermal system, with native gold and associated sulphide minerals filling fractures in pyrite.

During the mineralizing events, hydrothermal fluids permeated fractures in the host rock, depositing quartz and sulphides in the fractures and causing alteration of the wall rocks. These fluids probably had temperatures of about 300^0C during the initial stages of mineralization as indicated by sulphide and alteration mineralogy (Panteleyev, 1986).

Briefly, the genetic model for the deposits is thought to be as follows:

1) Deposition of the Nicola volcanics.
2) Emplacement of the Osprey Lake Batholith.
3) Emplacement of the Otter syenitic intrusions.
4) Fracturing possibly during the Osprey Lake and/or Otter intrusive events.
5) Intrusion of andesite dykes.
6) Precipitation of quartz veins with pyrite, base metal sulphides and late stage gold mineralization, with associated hydrothermal alteration.
7) Erosion to present level.

****

5.0 GEOCHEMISTRY

5.1 INTRODUCTION

A total of 1,499 drill core samples were collected from 315 holes on the Elk claims during the 1995 field season. Core samples were assayed or analyzed for gold depending on visual estimation of potential gold grade.

5.2 ROCK GEOCHEMISTRY

Drill core samples were shipped to Acme Analytical Laboratories in Vancouver for gold analysis. Sample preparation and analysis methods varied based on material sampled.

Samples that were expected to have significant gold content were sampled in total (not split). Typically, this material consisted of quartz vein material with or without wall rock, at least 10 to 15 cm thick with a minimum of 10% sulfide (or traces of visible gold). These samples were crushed in their entirety to -3/16" and coarse pulverized to -1/16". Two kg of the -1/16" material was split out and pulverized to 99% finer than -150 mesh and sieved on a -150 mesh screen. One Assay Ton (1 AT) of the -150 mesh was assayed for gold and silver, and was combined with the weighted result of gold and silver fire assays of the entire coarse fraction, to give total gold and silver values. ICP analysis for 30 elements was also carried out on a 0.50 gm sample of -100 mesh material. This technique was referred to as the Sieve and Assay method. Selected high grade intercepts were checked by resampling from the reject and assaying for gold by the same method.

Samples which were expected to be of lower grade were comprised of half the core split along its length. This material usually consisted of quartz vein material less than 10 cm thick and less than 10% sulfide, and/or wall rock. The entire sample was crushed to -3/16", then 2 kg were split out and coarse pulverized to -1/16". A 250 gm split was taken and pulverized to -100 mesh. A one-assay ton (1 AT) sample was fire assayed for gold and silver. ICP analysis was usually carried out. Higher grade intercepts were reassayed using the Sieve and Assay method described above.

Samples that were not expected to carry high gold values, typically stringers with varying sulfide in alteration, or material of scientific interest, were split in half prior to shipping. The entire sample was crushed to -3/16", 250 gm of sample split out and pulverized to -100 mesh. A 20 gm sample of the -100 mesh material was analyzed for Au by MIBK extraction and atomic absorption. ICP analysis was carried out in a few cases where higher than normal base metal sulfides were present. High grade intercepts were reassayed using the Sieve and Assay method described above.

Raw assay data is presented in Appendix A.

5.3 METHODS OF AVERAGE GRADE CALCULATION

True widths of the sampled intervals were determined from core angles and from zone orientations determined by contouring the zone intercepts. Specific gravities were assumed to be 2.75 for sulfide ore, 2.5 for oxide ore, or were calculated from the Fe, Pb, Cu, Zn contents of the samples when available. The specific gravities of a number of mineralized samples were also measured in 1995 with a scale using weights in air and water.

Average grades were weighted for true width and specific gravity over an interval of 0.50m or the vein thickness if greater than 0.50m. Averaged intervals, their zone designations, and true widths are included in the Siwash Gold Mine Zone Intersection Summary (Appendix B).

****

6.0 EXCAVATOR TRENCHING

A 5 by 25m trench was dug in the Great Wall area to locate the source of pyritic quartz vein float exposed by road construction (Plate 51). The trench exposed moderately sericitic and propylitic altered quartz monzonite cut by a 10 to 20 cm quartz vein trending 55 degrees and dipping 65 degrees to the south. Two 0.5m square panel samples were taken across the vein returning values of 0.51 gm/t and 0.99 gm/t Au (Figure 4). Diamond drill holes GWD95-155, 156 were drilled under the trench and intersected the zone at 22 and 42 metres down dip. The trench remains open.

Two test pits were dug in the South Showing area to determine the source of anomalous soil geochemistry and to locate the source of quartz vein float. The pits were dug at grid locations 1800E 125N and 2250E 100N to depths of seven and two metres respectively. Pit wall soil samples were taken at 1 metre intervals and results are shown on plate 58. Featureless quartz monzonite bedrock was exposed at the bottom of the pit at 2250E. Diamond drill hole SSD95171 was drilled under the test pit at 2250E but no significant features were intersected. Both pits were backfilled.

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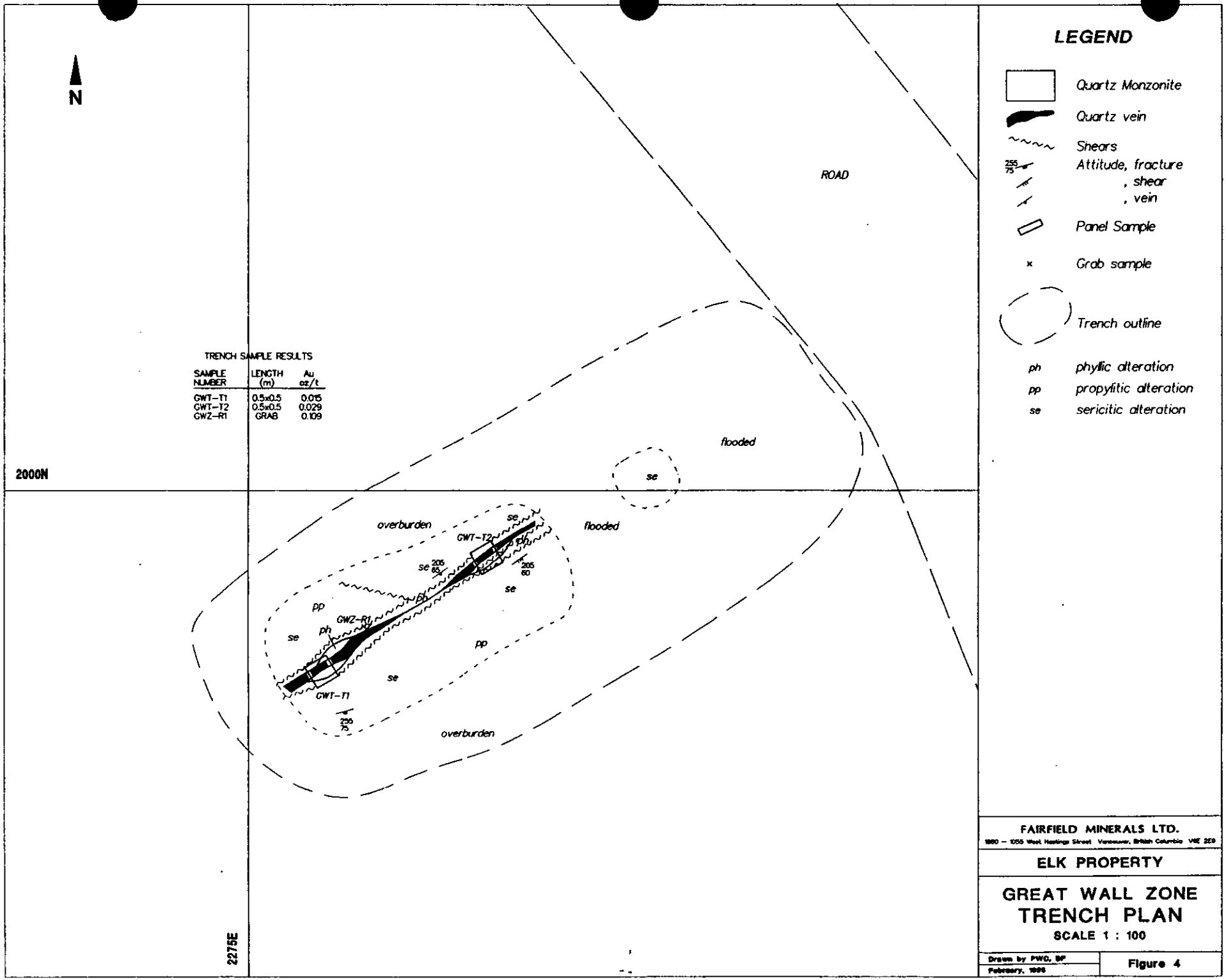

N
ROAD
flooded
flooded
se
2000N
overburden
GWT-T2
se
ph
se 205 65
205 60
se
pp
ph
GWZ-R1
se
pp
se
GWT-T1
256 75
overburden
2275E
TRENCH SAMPLE RESULTS
SAMPLE NUMBER | LENGTH (m) | Au oz/t
GWT-T1 | 0.5x0.5 | 0.015
GWT-T2 | 0.5x0.5 | 0.029
GWZ-R1 | GRAB | 0.109
LEGEND
Quartz Monzonite
Quartz vein
Shears
255 75 Attitude, fracture
, shear
, vein
Panel Sample
x Grab sample
Trench outline
ph phyllic alteration
pp propylitic alteration
se sericitic alteration
FAIRFIELD MINERALS LTD.
1880 – 1055 West Hastings Street Vancouver, British Columbia V6E 2E9
ELK PROPERTY
GREAT WALL ZONE
TRENCH PLAN
SCALE 1 : 100
Drawn by PWD, BP
February, 1996
Figure 4

7.0 DIAMOND DRILLING

7.1 INTRODUCTION

Diamond drilling was carried out on the Elk property and Siwash North Mineral Lease between April 13 and September 22, 1995. Drilling covered the Siwash North area, the Lake, End, and Great Wall zones, and the Discovery and South Showing areas. Both surface and underground drilling was done in the Siwash North area. A total of 315 holes (217 underground and 98 surface) were drilled for a total of 13,972 metres of NQ, NTW, and NQ2 core. Surface drill holes in the Siwash North area were drilled on varying fence spacings, from 10 metres to 50 metres. Underground drilling was done on 27 drill fences spaced at an average of 10 metres.

Surface drilling was performed by Leclerc Diamond Drilling of Beaverdell, B.C. (91 holes) and Britton Brothers Drilling of Smithers, B.C. (7 holes) using a skid-mounted Longyear 38 drill. Underground drilling was done by F. Boisvenu Diamond Drilling of Langley, B.C., using electric powered Connors and Hagby-Bruk drills.

Drill hole locations, depths, azimuths, and dips are summarized in Tables 2, 3 and 4.

7.2 DRILLING OPERATIONS

7.2.1 Siwash North Area - Surface Drilling

Most surface drill sites in the Siwash North area were located on north-south drill fences south of the mineralized zone surface exposure, and were drilled to test the grade and continuity of mineralization previously tested at 50m drill spacing. Due to drill site constraints five holes to the immediate west of the existing pit were drilled at 090° and one drill hole immediately east of the pit was drilled at 320° to test the continuity of the vein adjacent to the pit wall. All surface holes were drilled to completion and all intersected the mineralized zone. Two holes were also drilled at 240° to obtain structural information about the RB fault. Seventy holes were completed in the Siwash North area totaling 4645 metres.

Drill sites were located on existing roads or drill pads, or in existing cleared areas. Sites were leveled and prepared using an excavator supplied by Wiltech Developments of Kelowna B.C. Sumps were dug to contain cuttings. The drill was moved between sites using a D5 crawler tractor. Water was pumped to the drill from Gold Creek or from water collection ponds in the mine area.

Upon receipt, the core was washed, footage blocks converted to metres, and the recovery, RQD (rock quality determination), hardness, and degree of breakage were measured. All the core was photographed at four core boxes to the frame, and selected intervals were photographed at five frames per core box. The geology, geotechnical information, and sample intervals were logged onto hand-held HP200LX palm-top computers or (less frequently) graphical logging forms, and were later down-loaded onto a desktop computer. Samples comprised of complete core were collected from intervals containing quartz veins greater than 15 cm thick and containing more than 10% pyrite. All other samples were split. Samples were shipped to Acme Analytical Laboratories Ltd. in Vancouver, B.C. and assayed or analyzed for gold. Thirty element ICP analysis was also performed on samples containing quartz vein. Specific gravity measurements using a scale were made on many of the bulk sampled mineralized zones.

Drill hole orientations were measured at surface with a Brunton compass, and down-hole with a Sperry-Sun single shot camera. On completion of the hole, the casing was removed and replaced with a section of 2.5 inch diameter PVC pipe. The hole locations were surveyed relative to pre-established survey control points using a Wild-Leitz T1000 transit.

7.2.2 Siwash North Area - Underground Drilling

Drilling from underground at the Siwash Gold Mine was arranged in fans of holes on north-south fences spaced an average of 10 metres apart along both the main ("A") and "E" declines (Figure 5). A total of 7,612 metres in 217 holes were drilled. Two holes at the eastern-most extent of the "E" decline were drilled at 085° and 170° to intersect the vein along strike to the east. Drill holes SUD95222 and 225 were drilled at the wrong azimuth and were terminated upon discovering the mistake . Two holes were partially drilled but abandoned due to rockfalls, and are not included in the total hole depth. One hole was drilled vertically downward to test the possibility of a low-angle vein similar to that in the open pit. All remaining drill holes intersected the mineralized structure.

The drills were set up along north south section lines marked off on the decline walls using a survey instrument. The dips were checked with an inclinometer. Down-hole orientations were measured by acid tests, and final collar surveys (location, dip, and azimuth) were done using a Casco level transit or a Wild-Leitz T-1000 transit. Water was pumped to the drill from surface sumps, which were replenished during pump-outs of underground sumps.

Core handling procedures were as per surface holes. Initially, fracture angles, quality, and lining were logged but this was discontinued due to time constraints. Core logging, sample collection and treatment followed the same protocols as surface holes.

7.2.3 Lake Zone Area

Drilling in the Lake Zone was done on three north-south drill fences spaced 50 metres and 100 metres apart. Seven holes totaling 477 metres were drilled to the north to intersect quartz vein mineralization encountered in 1989 trenching and 1990 drilling. Drill sites and sumps were prepared with an excavator, and water was supplied by pump from Gold Creek located to the north.

7.2.4 Great Wall Zone Area

Two drill holes totaling 102 metres, on one north-south drill fence tested the Great Wall Zone, in an area of coincident geochemical and geophysical anomalies. A drill site and sump was prepared using an excavator along the roadside, and water was supplied by pump from Gold Creek to the north. The source of quartz vein float uncovered during road construction and was the target of the drilling.

7.2.5 End Zone Area

Four holes totaling 187 metres were drilled on three north-south drill fences spaced 60 metres and 90 metres apart. Drill sites and sumps were located along the roadside or on infilled trenches. Water was pumped to the drill from Gold Creek to the north. These holes tested mineralization encountered in 1990 and 1991 trenching programs, and indicated by geochemical and geophysical anomalies. Core logging, sampling, and surveying followed the same procedures as previously stated.

N

Sump C

Waste Rock Dump

U/G Waste Dump Area

U/G Plant & Trailer Area

Sump U

Portal

U/G Waste Dump Area

Waste Rock Dump (reclaimed)

Sump A

OPEN PIT

Siwash Vein

Zone B

Zone A

Zone E

Area drilled at 10m centers from underground (see Figure 5)

Scale

Sample Plant

3600N

3400N

3200N

2000E

2200E

2400E

2600E

KEY

- Topographic Contour elevations in metres
- Edge of Clear-cut
- Creek
- Swamp, Marsh
- 1995 Surface Drill Hole
- Building, Structure
- Road

FAIRFIELD MINERALS LTD.

SIWASH GOLD MINE

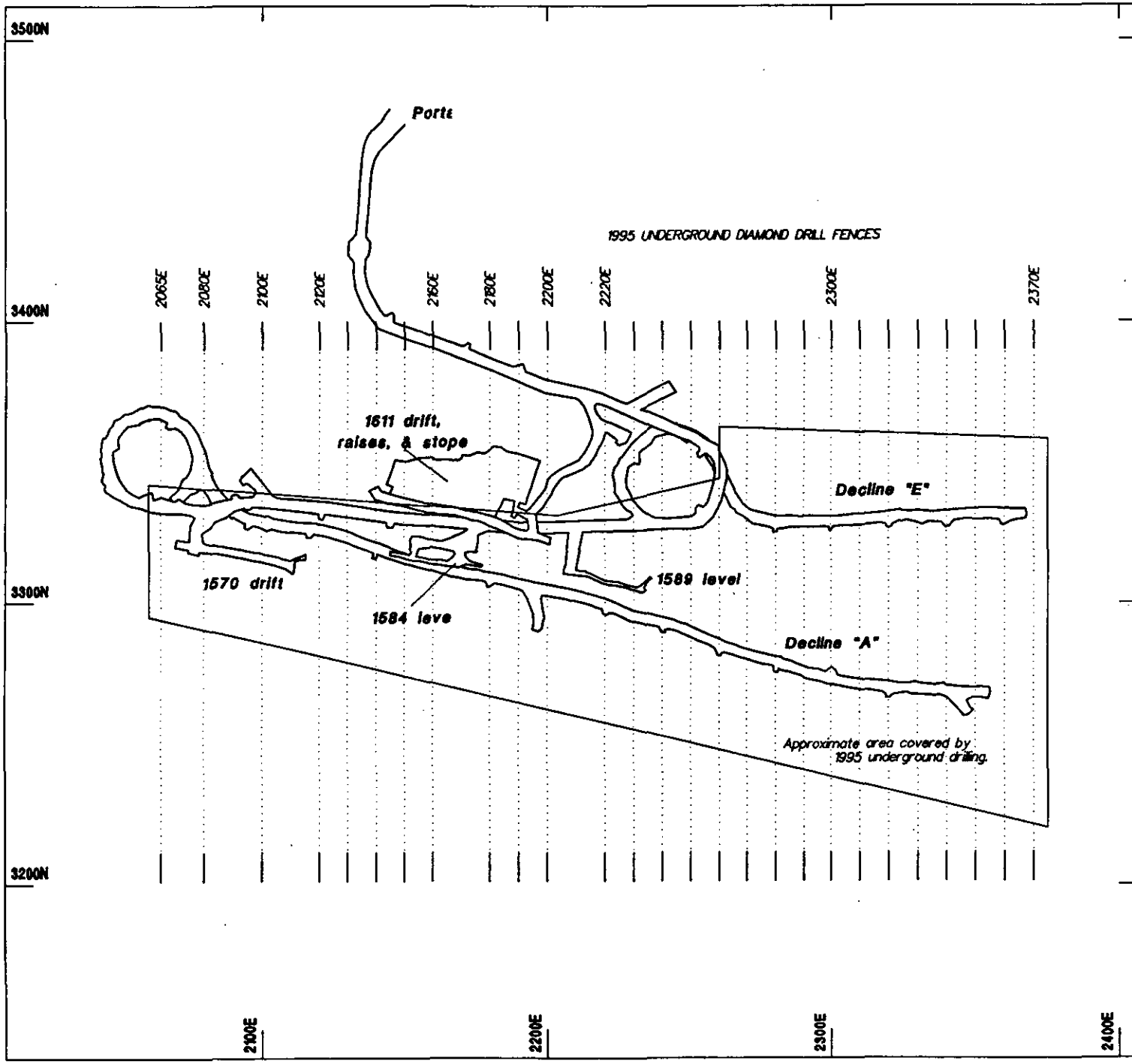
1995 SURFACE DRILL PLAN

SIWASH NORTH AREA

Scale 1 : 2,500

February, 1996

Figure 5



N

FAIRFIELD MINERALS LTD.

SIWASH GOLD MINE

PLAN OF 1995 UNDERGROUND DRILL FENCES

Scale 1 : 2,000

February, 1996

Figure 6

7.2.6 Discovery Showing (North Showing) Area

Six holes totaling 397 metres, on three north-south drill fences spaced 50 metres apart, were drilled to test mineralization uncovered during trenching in 1987. Drill sites were constructed on existing roads or in cleared areas, and a sump was dug at each site. Water was supplied by pump from a creek to the north.

7.2.7 South Showing Area

Eight holes were drilled on three fences oriented at 330°, and spaced 75 metres and 100 metres apart. These holes tested mineralization encountered in 1987 and 1989 trenching programs, and drill sites and sumps were built along reclaimed trenches or access roads. A ninth hole was drilled at 330° at the southern end of the showing area, and tested a geochemical anomaly associated with an east-west trending gully. A total of 481 metres were drilled. Water was pumped to the drill from Camp Creek to the east.

7.3 Drilling Results

Surface drill hole collar locations are shown on figure 5, plates 51 and 58. Underground drill section locations are shown in relation to underground workings on figure 6. Summary drill logs, including geology and assay information for all drill holes, are included in Appendix C. Subsurface geology, sample locations and selected assays are plotted on drill sections included in volumes II and III. Plans of vein intercept locations for the Siwash North area are shown on plates 67 and 68.

****

Table 2

SIWASH GOLD MINE UNDERGROUND DRILL SUMMARY

HOLE NO	DATE START	DATE FINISH	CLAIM	SECTION	CORE SIZE	COLLAR NORTH	COLLAR EAST	COLLAR ELEV	DEPTH (metres)
SUD95-85	4/13/95	4/14/95	Siwash North Lease	2350E	NTW	3265.43	2349.81	1513.35	72.54
SUD95-86	4/14/95	4/15/95	Siwash North Lease	2350E	NTW	3265.46	2349.88	1513.77	51.51
SUD95-87	4/15/95	4/16/95	Siwash North Lease	2350E	NTW	3266.15	2349.87	1515.76	29.87
SUD95-88	4/16/95	4/16/95	Siwash North Lease	2350E	NTW	3267.57	2349.81	1516.35	31.70
SUD95-89	4/16/95	4/17/95	Siwash North Lease	2350E	NTW	3265.52	2349.84	1513.51	50.29
SUD95-90	4/17/95	4/17/95	Siwash North Lease	2350E	NTW	3265.62	2349.88	1514.33	32.92
SUD95-91	4/17/95	4/18/95	Siwash North Lease	2350E	NTW	3266.97	2349.84	1516.14	27.13
SUD95-92	4/18/95	4/19/95	Siwash North Lease	2350E	NTW	3267.85	2349.04	1516.52	48.16
SUD95-93	4/19/95	4/20/95	Siwash North Lease	2350E	NTW	3267.68	2349.03	1516.74	40.54
SUD95-94	4/20/95	4/20/95	Siwash North Lease	2350E	NTW	3267.05	2349.89	1516.21	25.60
SUD95-95	4/20/95	4/21/95	Siwash North Lease	2370E	NTW	3266.86	2351.31	1515.88	39.32
SUD95-96	4/21/95	4/24/95	Siwash North Lease	2340E	NTW	3265.35	2339.93	1515.10	54.56
SUD95-97	4/22/95	4/22/95	Siwash North Lease	2340E	NTW	3265.26	2339.97	1516.42	29.26
SUD95-98	4/22/95	4/23/95	Siwash North Lease	2340E	NTW	3266.29	2339.99	1517.78	23.77
SUD95-99	4/23/95	4/24/95	Siwash North Lease	2340E	NTW	3265.33	2339.91	1515.45	48.46
SUD95-100	4/24/95	4/25/95	Siwash North Lease	2340E	NTW	3267.98	2340.06	1518.15	28.65
SUD95-101	4/25/95	4/27/95	Siwash North Lease	2340E	NTW	3265.48	2339.89	1514.82	60.04
SUD95-102	4/27/95	5/29/95	Siwash North Lease	2350E	NQ2	3329.85	2349.26	1568.98	48.16
SUD95-103	4/29/95	5/29/95	Siwash North Lease	2350E	NQ2	3329.80	2349.26	1569.32	39.01
SUD95-104	4/29/95	4/30/95	Siwash North Lease	2350E	NQ2	3329.63	2349.28	1570.62	21.95
SUD95-105	4/30/95	4/30/95	Siwash North Lease	2350E	NQ2	3331.84	2349.45	1572.04	25.60
SUD95-106	4/30/95	5/1/95	Siwash North Lease	2350E	NQ2	3332.78	2349.53	1572.14	45.11
SUD95-107	5/1/95	5/2/95	Siwash North Lease	2350E	NQ2	3332.83	2349.54	1572.05	45.42
SUD95-108	5/2/95	5/2/95	Siwash North Lease	2350E	NQ2	3332.34	2349.50	1571.99	37.49
SUD95-109	5/2/95	5/3/95	Siwash North Lease	2350E	NQ2	3331.02	2349.36	1571.70	18.90
SUD95-110	5/3/95	5/3/95	Siwash North Lease	2350E	NQ2	3329.36	2349.19	1569.82	25.91
SUD95-111	5/3/95	5/4/95	Siwash North Lease	2340E	NQ2	3328.74	2338.29	1570.69	45.42
SUD95-112	5/4/95	5/4/95	Siwash North Lease	2340E	NQ2	3328.69	2338.25	1571.38	30.48
SUD95-113	5/4/95	5/5/95	Siwash North Lease	2340E	NQ2	3330.36	2338.29	1573.48	17.98
SUD95-114	5/5/95	5/6/95	Siwash North Lease	2340E	NQ2	3332.10	2338.26	1573.52	52.73
SUD95-115	5/6/95	5/6/95	Siwash North Lease	2340E	NQ2	3331.42	2338.23	1573.79	25.60
SUD95-116	5/6/95	5/6/95	Siwash North Lease	2340E	NQ2	3328.65	2338.34	1572.57	21.34
SUD95-117	5/7/95	5/7/95	Siwash North Lease	2320E	NQ2	3328.19	2317.78	1573.19	52.12
SUD95-118	5/8/95	5/8/95	Siwash North Lease	2320E	NQ2	3328.55	2317.79	1573.66	36.88
SUD95-119	5/8/95	5/8/95	Siwash North Lease	2320E	NQ2	3329.32	2317.86	1576.39	21.03
SUD95-120	5/8/95	5/8/95	Siwash North Lease	2320E	NQ2	3331.28	2317.93	1576.92	36.27
SUD95-121	5/9/95	5/9/95	Siwash North Lease	2320E	NQ2	3331.46	2317.89	1576.00	50.86
SUD95-122	5/9/95	5/9/95	Siwash North Lease	2320E	NQ2	3331.47	2317.94	1576.38	45.11

Table 2 SIWASH GOLD MINE UNDERGROUND DRILL SUMMARY

HOLE NO	DATE START	DATE FINISH	CLAIM	SECTION	CORE SIZE	COLLAR NORTH	COLLAR EAST	COLLAR ELEV	DEPTH (metres)
SUD95-123	5/10/95	5/10/95	Siwash North Lease	2340E	NTW	3267.99	2338.94	1518.26	37.80
SUD95-124	5/10/95	5/11/95	Siwash North Lease	2320E	NQ2	3330.57	2317.90	1576.91	26.82
SUD95-125	5/10/95	5/11/95	Siwash North Lease	2340E	NTW	3268.38	2338.97	1518.38	45.42
SUD95-126	5/11/95	5/11/95	Siwash North Lease	2320E	NQ2	3328.51	2317.76	1573.59	39.93
SUD95-127	5/12/95	5/13/95	Siwash North Lease	2320E	NTW	3266.83	2321.93	1517.44	63.70
SUD95-128	5/12/95	5/13/95	Siwash North Lease	2320E	NQ2	3328.21	2317.81	1575.09	24.99
SUD95-129	5/13/95	5/14/95	Siwash North Lease	2320E	NTW	3266.21	2321.93	1517.97	35.97
SUD95-130	5/12/95	5/13/95	Siwash North Lease	2300E	NQ2	3327.25	2300.99	1576.04	43.59
SUD95-131	5/15/95	5/15/95	Siwash North Lease	2300E	NQ2	3327.26	2300.99	1576.78	37.49
SUD95-132	5/13/95	5/13/95	Siwash North Lease	2300E	NQ2	3327.26	2301.01	1577.06	27.13
SUD95-133	5/15/95	5/15/95	Siwash North Lease	2300E	NQ2	3328.19	2301.07	1578.76	24.08
SUD95-134	5/13/95	5/13/95	Siwash North Lease	2300E	NQ2	3329.07	2301.10	1579.06	22.56
SUD95-135	5/14/95	5/14/95	Siwash North Lease	2320E	NTW	3267.53	2322.05	1519.77	21.64
SUD95-136	5/13/95	5/14/95	Siwash North Lease	2300E	NQ2	3330.01	2301.14	1578.95	40.50
SUD95-137	5/15/95	5/15/95	Siwash North Lease	2320E	NTW	3269.51	2322.19	1521.00	32.92
SUD95-138	5/14/95	5/15/95	Siwash North Lease	2300E	NQ2	3329.74	2301.11	1579.05	31.39
SUD95-139	5/15/95	5/16/95	Siwash North Lease	2320E	NTW	3269.91	2322.20	1521.02	37.49
SUD95-140	5/16/95	5/16/95	Siwash North Lease	2280E	NQ2	3327.01	2280.60	1578.76	42.06
SUD95-141	5/16/95	5/16/95	Siwash North Lease	2320E	NTW	3268.68	2322.13	1520.72	22.56
SUD95-142	5/16/95	5/16/95	Siwash North Lease	2280E	NQ2	3326.87	2280.61	1580.13	28.04
SUD95-143	5/16/95	5/16/95	Siwash North Lease	2320E	NTW	3266.93	2321.99	1518.66	29.62
SUD95-144	5/16/95	5/17/95	Siwash North Lease	2280E	NQ2	3328.98	2280.63	1581.22	26.82
SUD95-145	5/17/95	5/17/95	Siwash North Lease	2300E	NTW	3270.82	2299.52	1522.63	22.56
SUD95-146	5/17/95	5/17/95	Siwash North Lease	2280E	NQ2	3329.81	2280.65	1581.36	42.68
SUD95-147	5/17/95	5/17/95	Siwash North Lease	2300E	NTW	3270.43	2299.51	1521.50	43.89
SUD95-148	5/17/95	5/18/95	Siwash North Lease	2280E	NQ2	3328.06	2280.61	1581.20	23.77
SUD95-149	5/17/95	5/18/95	Siwash North Lease	2300E	NTW	3272.55	2299.51	1524.25	27.13
SUD95-150	5/18/95	5/18/95	Siwash North Lease	2280E	NQ2	3326.82	2280.62	1579.33	35.66
SUD95-151	5/18/95	5/18/95	Siwash North Lease	2300E	NTW	3273.04	2299.48	1524.31	33.53
SUD95-152	5/18/95	5/18/95	Siwash North Lease	2280E	NQ2	3329.42	2280.64	1581.35	38.10
SUD95-153	5/19/95	5/20/95	Siwash North Lease	2300E	NTW	3273.41	2299.47	1524.44	42.06
SUD95-154	5/19/95	5/19/95	Siwash North Lease	2280E	NQ2	3330.31	2280.65	1581.31	39.32
SUD95-155	5/20/95	5/21/95	Siwash North Lease	2300E	NTW	3271.65	2299.53	1524.04	21.95
SUD95-156	5/19/95	5/20/95	Siwash North Lease	2330E	NQ2	3330.49	2330.19	1574.58	21.34
SUD95-157	5/21/95	5/21/95	Siwash North Lease	2280E	NTW	3275.64	2281.89	1524.94	28.04
SUD95-158	5/20/95	5/20/95	Siwash North Lease	2330E	NQ2	3328.81	2330.15	1572.99	26.81
SUD95-159	5/21/95	5/21/95	Siwash North Lease	2280E	NTW	3277.45	2281.86	1526.28	24.38
SUD95-160	5/20/95	5/20/95	Siwash North Lease	2330E	NQ2	3329.05	2330.14	1571.73	45.11

Table 2

SIWASH GOLD MINE UNDERGROUND DRILL SUMMARY

HOLE NO	DATE START	DATE FINISH	CLAIM	SECTION	CORE SIZE	COLLAR NORTH	COLLAR EAST	COLLAR ELEV	DEPTH (metres)
SUD95-161	5/21/95	5/22/95	Siwash North Lease	2280E	NTW	3275.49	2281.85	1523.88	44.81
SUD95-162	5/21/95	5/21/95	Siwash North Lease	2330E	NQ2	3328.51	2330.16	1572.04	37.19
SUD95-163	5/22/95	5/22/95	Siwash North Lease	2280E	NTW	3278.28	2281.86	1526.64	38.10
SUD95-164	5/21/95	5/22/95	Siwash North Lease	2330E	NQ2	3331.37	2330.24	1574.74	34.44
SUD95-165	5/22/95	5/23/95	Siwash North Lease	2280E	NTW	3278.04	2281.84	1526.60	32.00
SUD95-166	5/21/95	5/22/95	Siwash North Lease	2330E	NQ2	3328.80	2330.11	1574.69	24.08
SUD95-167	5/23/95	5/24/95	Siwash North Lease	2280E	NTW	3278.41	2281.83	1526.68	44.20
SUD95-168	5/22/95	5/24/95	Siwash North Lease	2310E	NQ2	3330.01	2308.92	1577.98	30.48
SUD95-169	5/25/95	5/25/95	Siwash North Lease	2260E	NTW	3281.81	2261.75	1528.32	24.38
SUD95-170	5/24/95	5/25/95	Siwash North Lease	2310E	NQ2	3327.92	2309.03	1576.85	24.99
SUD95-171	5/25/95	5/26/95	Siwash North Lease	2260E	NTW	3281.77	2261.75	1527.35	30.18
SUD95-172	5/25/95	5/25/95	Siwash North Lease	2310E	NQ2	3327.90	2309.09	1575.13	40.54
SUD95-173	5/26/95	5/26/95	Siwash North Lease	2260E	NTW	3283.75	2261.80	1530.05	27.13
SUD95-174	5/25/95	5/25/95	Siwash North Lease	2310E	NQ2	3329.20	2308.95	1577.71	25.30
SUD95-175	5/26/95	5/27/95	Siwash North Lease	2260E	NTW	3284.51	2261.83	1530.09	40.84
SUD95-176	5/25/95	5/26/95	Siwash North Lease	2310E	NQ2	3330.63	2308.87	1578.18	32.92
SUD95-177	5/27/95	5/27/95	Siwash North Lease	2260E	NTW	3283.21	2261.82	1529.70	21.34
SUD95-178	5/26/95	5/26/95	Siwash North Lease	2310E	NQ2	3327.93	2309.11	1575.66	32.92
SUD95-179	5/27/95	5/28/95	Siwash North Lease	2260E	NTW	3284.21	2261.82	1530.07	33.53
SUD95-180	5/26/95	5/26/95	Siwash North Lease	2310E	NQ2	3327.87	2309.12	1574.88	47.85
SUD95-181	5/27/95	5/27/95	Siwash North Lease	2260E	NQ2	3339.84	2261.51	1583.99	32.92
SUD95-182	5/27/95	5/28/95	Siwash North Lease	2260E	NQ2	3339.14	2261.56	1582.09	46.33
SUD95-183	5/28/95	5/28/95	Siwash North Lease	2260E	NTW	3339.67	2261.75	1582.53	39.01
SUD95-184	5/29/95	5/29/95	Siwash North Lease	2260E	NQ2	3338.52	2261.57	1581.61	50.60
SUD95-185	5/28/95	5/28/95	Siwash North Lease	2260E	NTW	3281.74	2261.78	1526.80	42.37
SUD95-186	5/29/95	5/29/95	Siwash North Lease	2260E	NQ2	3340.27	2261.50	1584.25	30.18
SUD95-187	5/28/95	5/29/95	Siwash North Lease	2260E	NTW	3281.79	2261.79	1527.07	11.89
SUD95-188	5/29/95	5/30/95	Siwash North Lease	2260E	NQ2	3341.07	2261.48	1584.30	32.00
SUD95-189	5/29/95	5/29/95	Siwash North Lease	2260E	NTW	3281.90	2261.78	1526.62	47.85
SUD95-190	6/5/95	6/5/95	Siwash North Lease	2360E	NQ2	3331.20	2357.63	1571.04	24.08
SUD95-191	6/5/95	6/5/95	Siwash North Lease	2240E	NTW	3291.20	2238.68	1532.47	24.08
SUD95-192	6/5/95	6/5/95	Siwash North Lease	2360E	NQ2	3329.62	2357.53	1569.11	23.77
SUD95-193	6/5/95	6/5/95	Siwash North Lease	2240E	NTW	3290.77	2238.65	1531.12	36.27
SUD95-194	6/6/95	6/6/95	Siwash North Lease	2360E	NQ2	3329.78	2357.51	1568.23	43.89
SUD95-195	6/5/95	6/5/95	Siwash North Lease	2240E	NTW	3293.51	2238.98	1533.61	40.84
SUD95-196	6/7/95	6/7/95	Siwash North Lease	2360E	NQ2	3332.52	2357.72	1571.29	37.19
SUD95-197	6/6/95	6/7/95	Siwash North Lease	2240E	NTW	3292.33	2238.82	1533.57	25.91
SUD95-198	6/7/95	6/8/95	Siwash North Lease	2360E	NQ2	3332.00	2357.72	1571.38	28.04

Table 2 SIWASH GOLD MINE UNDERGROUND DRILL SUMMARY

HOLE NO	DATE START	DATE FINISH	CLAIM	SECTION	CORE SIZE	COLLAR NORTH	COLLAR EAST	COLLAR ELEV	DEPTH (metres)
SUD95-199	6/7/95	6/7/95	Siwash North Lease	2240E	NTW	3290.94	2238.68	1531.68	27.13
SUD95-200	6/8/95	6/8/95	Siwash North Lease	2360E	NQ2	3330.30	2357.64	1570.10	19.51
SUD95-201	6/7/95	6/8/95	Siwash North Lease	2240E	NTW	3290.76	2238.63	1530.76	44.50
SUD95-202	6/8/95	6/8/95	Siwash North Lease	2360E	NQ2	3329.75	2357.52	1568.40	33.22
SUD95-203	6/8/95	6/9/95	Siwash North Lease	2240E	NTW	3290.84	2238.65	1530.61	57.61
SUD95-204	6/8/95	6/8/95	Siwash North Lease	2370E	NQ2	3333.03	2355.46	1571.08	23.77
SUD95-205	6/9/95	6/9/95	Siwash North Lease	2220E	NTW	3298.26	2218.03	1534.91	28.96
SUD95-206	6/9/95	6/9/95	Siwash North Lease	2370E	NQ2	3329.67	2357.64	1569.12	25.60
SUD95-207	6/10/95	6/10/95	Siwash North Lease	2220E	NTW	3299.40	2218.20	1536.89	25.91
SUD95-208	6/9/95	6/9/95	Siwash North Lease	2290E	NQ2	3327.28	2289.54	1579.08	28.35
SUD95-209	6/10/95	6/10/95	Siwash North Lease	2220E	NTW	3298.24	2218.01	1534.25	48.16
SUD95-210	6/9/95	6/10/95	Siwash North Lease	2290E	NQ2	3329.75	2289.57	1580.53	40.84
SUD95-211	6/11/95	6/11/95	Siwash North Lease	2200E	NTW	3302.84	2199.42	1537.72	49.99
SUD95-212	6/10/95	6/10/95	Siwash North Lease	2290E	NQ2	3329.87	2289.58	1580.45	48.77
SUD95-213	6/11/95	6/11/95	Siwash North Lease	2200E	NTW	3302.54	2199.42	1539.15	24.08
SUD95-214	6/11/95	6/11/95	Siwash North Lease	2290E	NQ2	3327.22	2289.54	1578.37	35.97
SUD95-215	6/11/95	6/12/95	Siwash North Lease	2200E	NTW	3302.68	2199.43	1540.39	26.52
SUD95-216	6/11/95	6/11/95	Siwash North Lease	2290E	NQ2	3328.05	2289.55	1580.08	24.38
SUD95-217	6/12/95	6/12/95	Siwash North Lease	2180E	NTW	3306.80	2181.15	1542.14	21.03
SUD95-218	6/11/95	6/11/95	Siwash North Lease	2290E	NQ2	3329.33	2289.57	1580.65	28.96
SUD95-219	6/12/95	6/13/95	Siwash North Lease	2180E	NTW	3306.83	2181.19	1540.50	34.44
SUD95-220	6/13/95	6/14/95	Siwash North Lease	2250E	NQ2	3326.59	2250.33	1597.08	23.16
SUD95-221	6/13/95	6/13/95	Siwash North Lease	2180E	NTW	3306.78	2181.24	1540.10	57.30
SUD95-222	6/12/95	6/12/95	Siwash North Lease	2150E	NQ2	3330.70	2150.00	1595.00	24.99
SUD95-223	6/13/95	6/14/95	Siwash North Lease	2180E	NTW	3306.84	2181.23	1540.32	45.42
SUD95-224	6/13/95	6/13/95	Siwash North Lease	2250E	NQ2	3330.13	2250.41	1598.13	33.22
SUD95-225	6/13/95	6/13/95	Siwash North Lease	2150E	NQ2	3330.70	2150.00	1596.00	10.97
SUD95-226	6/13/95	6/13/95	Siwash North Lease	2250E	NQ2	3329.14	2250.39	1598.12	24.38
SUD95-227	6/14/95	6/15/95	Siwash North Lease	2160E	NTW	3312.82	2159.82	1545.68	22.56
SUD95-228	6/15/95	6/15/95	Siwash North Lease	2160E	NQ2	3355.20	2257.85	1603.15	32.92
SUD95-229	6/15/95	6/15/95	Siwash North Lease	2160E	NTW	3311.60	2159.70	1543.55	23.47
SUD95-230	6/14/95	6/14/95	Siwash North Lease	2250E	NQ2	3326.50	2250.36	1594.70	33.53
SUD95-231	6/15/95	6/15/95	Siwash North Lease	2160E	NTW	3311.93	2159.67	1542.78	41.15
SUD95-232	6/14/95	6/14/95	Siwash North Lease	2250E	NQ2	3326.81	2250.34	1595.42	24.54
SUD95-233	6/15/95	6/16/95	Siwash North Lease	2160E	NTW	3311.78	2159.69	1543.07	32.92
SUD95-234	6/14/95	6/14/95	Siwash North Lease	2260E	NQ2	3354.35	2257.85	1603.11	24.08
SUD95-235	6/16/95	6/17/95	Siwash North Lease	2160E	NTW	3311.92	2159.68	1542.76	57.91
SUD95-236	6/14/95	6/14/95	Siwash North Lease	2260E	NQ2	3352.99	2257.85	1602.96	21.95

Table 2

SIWASH GOLD MINE UNDERGROUND DRILL SUMMARY

HOLE NO	DATE START	DATE FINISH	CLAIM	SECTION	CORE SIZE	COLLAR NORTH	COLLAR EAST	COLLAR ELEV	DEPTH (metres)
SUD95-237	6/17/95	6/17/95	Siwash North Lease	2160E	NTW	3311.73	2159.74	1544.59	19.81
SUD95-238	6/16/95	6/16/95	Siwash North Lease	2250E	NQ2	3359.22	2249.39	1604.70	24.38
SUD95-239	6/18/95	6/18/95	Siwash North Lease	2140E	NTW	3317.46	2141.12	1546.80	22.86
SUD95-240	6/16/95	6/17/95	Siwash North Lease	2270E	NQ2	3329.61	2269.59	1579.56	49.07
SUD95-241	6/18/95	6/18/95	Siwash North Lease	2270E	NTW	3317.40	2141.14	1546.07	28.65
SUD95-242	6/17/95	6/17/95	Siwash North Lease	2270E	NQ2	3329.83	2269.53	1580.56	35.66
SUD95-243	6/18/95	6/19/95	Siwash North Lease	2140E	NTW	3317.29	2141.16	1545.49	50.29
SUD95-244	6/17/95	6/17/95	Siwash North Lease	2270E	NQ2	3331.37	2269.58	1582.77	25.41
SUD95-245	6/19/95	6/19/95	Siwash North Lease	2145E	NTW	3317.96	2144.10	1548.14	28.04
SUD95-246	6/18/95	6/18/95	Siwash North Lease	2270E	NQ2	3332.46	2269.59	1582.98	35.66
SUD95-247	6/19/95	6/20/95	Siwash North Lease	2140E	NTW	3317.39	2141.15	1545.03	64.00
SUD95-248	6/19/95	6/19/95	Siwash North Lease	2080E	NQ2	3339.57	2077.22	1553.65	36.88
SUD95-249	6/21/95	6/21/95	Siwash North Lease	2120E	NTW	3324.29	2119.22	1549.28	33.22
SUD95-250	6/20/95	6/20/95	Siwash North Lease	2080E	NQ2	3339.77	2077.26	1553.24	60.96
SUD95-251	6/22/95	6/22/95	Siwash North Lease	2120E	NTW	3324.42	2119.21	1548.27	45.72
SUD95-252	6/20/95	6/21/95	Siwash North Lease	2080E	NQ2	3342.33	2077.26	1556.82	60.96
SUD95-253	6/23/95	6/23/95	Siwash North Lease	2100E	NTW	3327.33	2099.67	1551.28	43.89
SUD95-254	6/21/95	6/21/95	Siwash North Lease	2065E	NQ2	3364.56	2065.48	1558.85	19.20
SUD95-255	6/21/95	6/21/95	Siwash North Lease	2100E	NTW	3327.14	2099.67	1551.67	67.06
SUD95-256	6/21/95	6/22/95	Siwash North Lease	2070E	NQ2	3364.79	2065.46	1558.13	37.49
SUD95-257	7/13/95	7/14/95	Siwash North Lease	2330E	NTW	3269.37	2329.61	1519.80	36.58
SUD95-258	7/14/95	7/14/95	Siwash North Lease	2330E	NTW	3267.56	2329.64	1519.43	21.03
SUD95-259	7/14/95	7/15/95	Siwash North Lease	2330E	NTW	3269.67	2329.63	1519.37	44.20
SUD95-260	7/15/95	7/15/95	Siwash North Lease	2330E	NTW	3266.67	2329.69	1518.33	23.47
SUD95-261	7/15/95	7/16/95	Siwash North Lease	2330E	NTW	3268.76	2329.62	1519.90	25.60
SUD95-262	7/16/95	7/16/95	Siwash North Lease	2330E	NTW	3266.49	2329.69	1517.48	33.22
SUD95-263	7/16/95	7/18/95	Siwash North Lease	2310E	NTW	3271.77	2308.84	1522.64	43.89
SUD95-264	7/18/95	7/19/95	Siwash North Lease	2310E	NTW	3270.80	2308.85	1522.87	32.00
SUD95-265	7/19/95	7/19/95	Siwash North Lease	2310E	NTW	3268.90	2308.78	1520.94	30.48
SUD95-266	7/19/95	7/19/95	Siwash North Lease	2290E	NTW	3275.49	2289.71	1526.50	22.86
SUD95-267	7/20/95	7/20/95	Siwash North Lease	2270E	NTW	3281.63	2269.18	1528.79	30.48
SUD95-268	7/20/95	7/20/95	Siwash North Lease	2270E	NTW	3280.11	2269.22	1527.91	21.34
SUD95-269	7/20/95	7/21/95	Siwash North Lease	2270E	NTW	3280.90	2269.19	1528.36	22.25
SUD95-270	7/21/95	7/21/95	Siwash North Lease	2270E	NTW	3281.95	2269.16	1528.84	38.10
SUD95-271	7/21/95	7/22/95	Siwash North Lease	2250E	NTW	3290.75	2248.81	1532.38	48.46
SUD95-272	7/22/95	7/22/95	Siwash North Lease	2250E	NTW	3290.49	2248.81	1532.22	45.72
SUD95-273	7/23/95	7/23/95	Siwash North Lease	2250E	NTW	3289.62	2248.85	1532.02	27.43
SUD95-274	7/23/95	7/23/95	Siwash North Lease	2250E	NTW	3287.70	2248.90	1530.53	23.77

Table 2

SIWASH GOLD MINE UNDERGROUND DRILL SUMMARY

HOLE NO	DATE START	DATE FINISH	CLAIM	SECTION	CORE SIZE	COLLAR NORTH	COLLAR EAST	COLLAR ELEV	DEPTH (metres)
SUD95-275	7/23/95	7/23/95	Siwash North Lease	2250E	NTW	3290.18	2248.81	1532.17	35.05
SUD95-276	7/24/95	7/24/95	Siwash North Lease	2250E	NTW	3288.52	2248.89	1531.75	22.56
SUD95-277	7/24/95	7/24/95	Siwash North Lease	2250E	NTW	3287.74	2248.93	1529.82	32.00
SUD95-278	7/25/95	7/25/95	Siwash North Lease	2230E	NTW	3295.07	2230.91	1535.17	27.43
SUD95-279	7/25/95	7/25/95	Siwash North Lease	2230E	NTW	3293.05	2230.80	1533.64	24.08
SUD95-280	7/25/95	7/26/95	Siwash North Lease	2230E	NTW	3292.85	2230.77	1531.89	53.04
SUD95-281	7/27/95	7/27/95	Siwash North Lease	2230E	NTW	3292.85	2230.80	1532.68	31.70
SUD95-282	7/27/95	7/27/95	Siwash North Lease	2230E	NTW	3293.84	2230.87	1534.64	22.86
SUD95-283	7/27/95	7/28/95	Siwash North Lease	2220E	NTW	3300.81	2218.54	1537.04	38.10
SUD95-284	7/28/95	7/28/95	Siwash North Lease	2190E	NTW	3304.67	2189.37	1540.41	22.25
SUD95-285	7/28/95	7/28/95	Siwash North Lease	2190E	NTW	3306.27	2189.51	1541.04	25.91
SUD95-286	7/29/95	7/29/95	Siwash North Lease	2150E	NTW	3315.16	2150.18	1547.58	21.64
SUD95-287	7/29/95	7/30/95	Siwash North Lease	2150E	NTW	3313.90	2150.28	1543.81	91.14
SUD95-288	7/30/95	7/30/95	Siwash North Lease	2150E	NTW	3313.83	2150.29	1544.06	56.08
SUD95-289	7/31/95	7/31/95	Siwash North Lease	2150E	NTW	3313.81	2150.29	1544.10	42.37
SUD95-290	7/31/95	7/31/95	Siwash North Lease	2150E	NTW	3313.97	2150.30	1544.59	32.00
SUD95-291	8/1/95	8/1/95	Siwash North Lease	2150E	NTW	3314.00	2150.28	1545.24	22.56
SUD95-292	8/1/95	8/1/95	Siwash North Lease	2150E	NTW	3314.17	2150.25	1545.88	24.08
SUD95-293	8/2/95	8/2/95	Siwash North Lease	2130E	NTW	3321.64	2129.51	1547.56	27.43
SUD95-294	8/2/95	8/2/95	Siwash North Lease	2130E	NTW	3321.73	2129.50	1546.49	47.24
SUD95-295	8/2/95	8/3/95	Siwash North Lease	2130E	NTW	3321.68	2129.50	1546.84	36.58
SUD95-296	8/4/95	8/4/95	Siwash North Lease	2130E	NTW	3321.78	2129.47	1548.82	22.56
SUD95-297	8/4/95	8/5/95	Siwash North Lease	2130E	NTW	3323.20	2129.53	1546.20	56.39
SUD95-298	8/6/95	8/7/95	Siwash North Lease	2120E	NTW	3324.16	2119.81	1548.70	34.75
SUD95-299	8/7/95	8/8/95	Siwash North Lease	2120E	NTW	3324.33	2119.83	1548.40	62.48
SUD95-300	8/9/95	8/10/95	Siwash North Lease	2080E	NTW	3339.95	2077.09	1554.40	68.58
SUD95-301	8/11/95	8/12/95	Siwash North Lease	2080E	NTW	3339.93	2077.10	1554.42	57.91

TOTAL: 7612.01

Table 3

SIWASH GOLD MINE SURFACE DRILL SUMMARY RECORD

HOLE NO	DATE START	DATE FINISH	CLAIM	SECTION	CORE SIZE	COLLAR NORTH	COLLAR EAST	COLLAR ELEV	DEPTH (metres)
SND95-112	6/21/95	6/21/95	Siwash North Lease	2360E	NQ	3356.08	2359.50	1631.96	40.23
SND95-113	6/22/95	6/23/95	Siwash North Lease	2360E	NQ	3357.56	2359.51	1631.97	42.98
SND95-114	6/23/95	6/23/95	Siwash North Lease	2360E	NQ	3383.91	2360.61	1628.60	18.29
SND95-115	6/23/95	6/25/95	Siwash North Lease	2380E	NQ	3305.60	2379.79	1636.10	96.62
SND95-116	6/25/95	6/26/95	Siwash North Lease	2380E	NQ	3306.19	2379.79	1636.10	63.09
SND95-117	6/26/95	6/27/95	Siwash North Lease	2380E	NQ	3307.00	2379.82	1636.05	63.70
SND95-118	6/27/95	6/28/95	Siwash North Lease	2380E	NQ	3306.49	2379.78	1636.10	64.01
SND95-119	6/28/95	6/29/95	Siwash North Lease	2380E	NQ	3305.85	2379.78	1636.13	67.36
SND95-120	6/30/95	6/30/95	Siwash North Lease	2380E	NQ	3357.60	2379.74	1630.16	38.10
SND95-121	7/1/95	7/1/95	Siwash North Lease	2380E	NQ	3359.05	2379.73	1630.15	41.15
SND95-122	7/2/95	7/2/95	Siwash North Lease	2380E	NQ	3358.67	2379.69	1630.15	44.81
SND95-123	7/2/95	7/3/95	Siwash North Lease	2405E	NQ	3377.32	2404.79	1629.67	35.66
SND95-124	7/3/95	7/4/95	Siwash North Lease	2405E	NQ	3295.53	2404.77	1634.49	75.29
SND95-125	7/4/95	7/5/95	Siwash North Lease	2390E	NQ	3306.29	2389.84	1634.78	75.29
SND95-126	7/5/95	7/5/95	Siwash North Lease	2390E	NQ	3306.54	2389.77	1634.81	58.83
SND95-127	7/5/95	7/6/95	Siwash North Lease	2390E	NQ	3307.68	2389.79	1634.74	63.09
SND95-128	7/6/95	7/6/95	Siwash North Lease	2390E	NQ	3306.54	2389.84	1634.78	69.19
SND95-129	7/6/95	7/6/95	Siwash North Lease	2390E	NQ	3290.14	2389.18	1635.78	84.43
SND95-130	7/8/95	7/8/95	Siwash North Lease	2390E	NQ	3289.98	2389.17	1635.74	90.53
SND95-131	7/8/95	7/9/95	Siwash North Lease	2390E	NQ	3350.23	2389.73	1630.59	38.71
SND95-132	7/9/95	7/9/95	Siwash North Lease	2390E	NQ	3351.63	2389.61	1630.56	40.23
SND95-133	7/9/95	7/10/95	Siwash North Lease	2270E	NQ	3343.15	2284.36	1649.50	44.50
SND95-134	7/10/95	7/10/95	Siwash North Lease	2515E	NQ	3418.56	2514.47	1645.90	68.88
SND95-135	7/10/95	7/11/95	Siwash North Lease	2565E	NQ	3422.90	2564.47	1651.00	75.29
SND95-136	7/11/95	7/11/95	Siwash North Lease	2620E	NQ	3425.35	2619.51	1651.62	63.10
SND95-137	7/12/95	7/12/95	Siwash North Lease	2670E	NQ	3429.23	2663.41	1649.98	60.05
SND95-138	7/12/95	7/12/95	Siwash North Lease	2715E	NQ	3424.83	2714.58	1650.72	65.63
SND95-139	7/13/95	7/13/95	Siwash North Lease	2430E	NQ	3416.40	2429.78	1632.75	26.52
SND95-140	7/13/95	7/13/95	Siwash North Lease	3375E	NQ	3374.74	1989.53	1650.81	26.52
SND95-141	7/13/95	7/14/95	Siwash North Lease	3366N	NQ	3365.65	1989.44	1651.15	49.07
SND95-142	7/14/95	7/15/95	Siwash North Lease	3366N	NQ	3365.65	1989.44	1651.15	46.03
SND95-143	7/15/95	7/15/95	Siwash North Lease	3357.6N	NQ	3357.28	1989.77	1652.01	60.05
SND95-144	7/16/95	7/16/95	Siwash North Lease	3357.6N	NQ	3357.28	1989.77	1652.01	71.63
SND95-145	7/16/95	7/17/95	Siwash North Lease	1980E	NQ	3363.65	1980.63	1651.46	30.48
SND95-146	7/17/95	7/17/95	Siwash North Lease	1980E	NQ	3353.38	1980.70	1653.00	53.95
SND95-147	7/18/95	7/19/95	Siwash North Lease	1980 E	NQ	3353.84	1980.68	1652.62	39.62
SND95-172	8/7/95	8/8/95	Siwash North Lease	2370E	NQ	3304.70	2369.78	1637.48	81.38
SND95-173	8/8/95	8/8/95	Siwash North Lease	2370E	NQ	3305.26	2369.82	1637.54	65.23

Table 3

SIWASH GOLD MINE SURFACE DRILL SUMMARY RECORD

HOLE NO	DATE START	DATE FINISH	CLAIM	SECTION	CORE SIZE	COLLAR NORTH	COLLAR EAST	COLLAR ELEV	DEPTH (metres)
SND95-174	8/9/95	8/9/95	Siwash North Lease	2370E	NQ	3306.03	2369.75	1637.56	65.53
SND95-175	8/9/95	8/10/95	Siwash North Lease	2370E	NQ	3344.46	2368.37	1633.64	42.67
SND95-176	8/10/95	8/10/95	Siwash North Lease	2370E	NQ	3345.68	2368.24	1633.60	42.67
SND95-177	8/11/95	8/11/95	Siwash North Lease	2370E	NQ	3387.14	2367.11	1628.73	20.42
SND95-178	8/11/95	8/12/95	Siwash North Lease	2270E	NQ	3337.47	2271.25	1650.38	47.85
SND95-179	8/12/95	8/13/95	Siwash North Lease	2290E	NQ	3344.92	2288.80	1649.37	46.63
SND95-180	8/13/95	8/13/95	Siwash North Lease	2270E	NQ	3372.05	2269.71	1641.98	29.57
SND95-181	8/13/95	8/14/95	Siwash North Lease	2290E	NQ	3370.39	2289.16	1640.06	26.52
SND95-182	8/14/95	8/14/95	Siwash North Lease	2310E	NQ	3356.00	2308.95	1639.94	35.66
SND95-183	8/14/95	8/14/95	Siwash North Lease	2310E	NQ	3357.06	2308.92	1640.00	38.40
SND95-184	8/14/95	8/14/95	Siwash North Lease	2330E	NQ	3352.49	2329.76	1636.47	38.71
SND95-185	8/14/95	8/15/95	Siwash North Lease	2330E	NQ	3353.79	2329.71	1636.38	30.48
SND95-186	8/15/95	8/15/95	Siwash North Lease	2310 E	NQ	3357.04	2309.20	1639.94	38.71
SND95-187	8/15/95	8/15/95	Siwash North Lease	2350 E	NQ	3359.46	2349.86	1632.23	38.71
SND95-188	8/15/95	8/15/95	Siwash North Lease	2340 E	NQ	3371.26	2339.24	1630.27	17.37
SND95-189	8/15/95	8/16/95	Siwash North Lease	2350 E	NQ	3383.72	2349.23	1628.46	26.52
SND95-190	8/16/95	8/16/95	Siwash North Lease	2405 E	NQ	3390.43	2402.65	1629.40	36.58
SND95-191	8/16/95	8/16/95	Siwash North Lease	2415 E	NQ	3369.66	2414.39	1629.97	38.71
SND95-192	8/16/95	8/17/95	Siwash North Lease	2000 E	NQ	3326.64	2000.02	1654.92	73.76
SND95-193	8/17/95	8/18/95	Siwash North Lease	2020 E	NQ	3306.34	2021.44	1659.40	87.48
SND95-194	8/18/95	8/18/95	Siwash North Lease	2120 E	NQ	3302.08	2119.83	1659.76	66.14
SND95-195	8/18/95	8/19/95	Siwash North Lease	2060 E	NQ	3305.91	2061.96	1663.27	74.98
SND95-196	8/19/95	8/19/95	Siwash North Lease	2110 E	NQ	3302.01	2109.87	1660.13	71.32
SND95-197	8/20/95	8/20/95	Siwash North Lease	2130 E	NQ	3302.21	2129.53	1659.27	70.71
SND95-198	8/20/95	8/20/95	Siwash North Lease	2040 E	NQ	3309.41	2039.95	1661.48	71.63
SND95-203	9/11/95	9/11/95	Siwash North Lease	2420 E	NQ	3378.59	2420.49	1630.14	53.34
SND95-204	9/11/95	9/12/95	Siwash North Lease	2390 E	NQ	3303.25	2389.88	1635.01	66.14
SND95-205	9/12/95	9/14/95	Siwash North Lease	2170 E	NQ	3171.20	2170.27	1654.00	245.97
SND95-206	9/14/95	9/16/95	Siwash North Lease	2170 E	NQ	3170.91	2170.37	1653.97	267.31
SND95-207	9/16/95	9/18/95	Siwash North Lease	2120 E	NQ	3213.58	2119.79	1656.18	249.02
SND95-208	9/18/95	9/20/95	Siwash North Lease	2080 E	NQ	3251.65	2079.88	1662.20	218.54
SND95-209	9/20/95	9/22/95	Siwash North Lease	2200 E	NQ	3198.79	2199.45	1653.39	227.69

TOTAL: 4645.26 metres

Table 4

ELK PROPERTY SURFACE DRILL SUMMARY RECORD

HOLE NO	DATE START	DATE FINISH	CLAIM	SECTION	CORE SIZE	COLLAR NORTH	COLLAR EAST	COLLAR ELEV	DEPTH (metres)	AREA TOTAL
Discovery Showing										
DSD95-159	7/29/95	7/30/95	Elk 1	1560E	NQ	1380.95	1559.96	1638.10	60.96	
DSD95-160	7/30/95	7/30/95	Elk 1	1560E	NQ	1362.90	1560.60	1642.32	97.84	
DSD95-161	7/31/95	7/31/95	Elk 1	1510E	NQ	1363.42	1511.49	1644.85	40.23	
DSD95-162	7/31/95	7/31/95	Elk 1	1510E	NQ	1342.78	1511.46	1643.87	52.43	
DSD95-163	8/1/95	8/1/95	Elk 1	1510E	NQ	1343.20	1511.43	1643.89	58.52	
DSD95-201	8/23/95	8/23/95	Elk 1	1610E	NQ	1357.87	1609.63	1634.89	87.17	397.15
End Zone										
EZD95-153	7/26/95	7/26/95	Elk 2	2240E	NQ	1618.15	2243.01	1611.94	41.76	
EZD95-154	7/26/95	7/27/95	Elk 2	2300E	NQ	1843.97	2306.94	1610.47	46.02	
EZD95-157	7/28/95	7/28/95	Elk 2	2390E	NQ	1753.81	2385.14	1597.30	39.93	
EZD95-158	7/29/95	7/29/95	Elk 2	2390E	NQ	1749.07	2385.34	1597.22	59.74	187.45
Great Wall Zone										
GWD95-155	7/27/95	7/27/95	Elk 2	2290E	NQ	1977.58	2291.47	1630.47	46.48	
GWD95-156	7/27/95	7/28/95	Elk 2	2290E	NQ	1976.11	2291.55	1630.52	55.47	101.95
Lake Zone										
SLD95-148	7/22/95	7/23/95	Elk 21	2460 E	NQ	2519.32	2461.19	1640.12	53.04	
SLD95-149	7/23/95	7/24/95	Elk 21	2460 E	NQ	2500.55	2460.63	1641.37	75.29	
SLD95-150	7/24/95	7/24/95	Elk 21	2360 E	NQ	2542.46	2357.72	1656.14	29.26	
SLD95-151	7/25/95	7/25/95	Elk 21	2310 E	NQ	2543.83	2309.06	1669.49	32.61	
SLD95-152	7/25/95	7/25/95	Elk 21	2310 E	NQ	2513.27	2308.04	1671.84	72.24	
SLD95-199	8/21/95	8/21/95	Elk 21	2360 E	NQ	2470.80	2357.80	1667.19	96.32	
SLD95-200	8/21/95	8/22/95	Elk 21	2360 E	NQ	2469.75	2357.74	1667.24	117.96	476.72
South Showing										
SSD95-164	8/1/95	8/2/95	Elk 1	1635E	NQ	250.62	1634.01	1608.42	60.66	
SSD95-165	8/2/95	8/2/95	Elk 1	1710E	NQ	350.18	1678.53	1620.24	53.95	
SSD95-166	8/3/95	8/3/95	Elk 1	1817E	NQ	351.79	1817.29	1605.52	40.23	
SSD95-167	8/3/95	8/4/95	Elk 1	1817E	NQ	350.86	1817.88	1605.61	69.19	
SSD95-168	8/4/95	8/4/95	Elk 1	1710E	NQ	316.20	1708.03	1611.50	26.52	
SSD95-169	8/5/95	8/5/95	Elk 1	1710E	NQ	312.33	1710.33	1611.71	32.61	
SSD95-170	8/5/95	8/6/95	Elk 1	2135E	NQ	510.45	2134.27	1602.63	50.29	
SSD95-171	8/6/95	8/7/95	Elk 1	2260E	NQ	113.53	2260.98	1584.17	71.32	
SSD95-202	8/23/95	8/24/95	Elk 1	1710E	NQ	268.31	1736.29	1604.07	76.2	480.97

TOTAL: 1644.24 metres

8.0 RESERVE CALCULATIONS

8.1 INTRODUCTION

The 1995 reserve calculation for the Siwash vein system was carried out using the following data:

174	trench samples
209	surface diamond drill holes
301	underground diamond drill holes
90	reverse circulation drill holes
544	open pit ore block samples
73	underground face samples

This information can be found in Appendix B and is shown on figure 7 and plates 67, 68.

The Siwash vein system consists of one to six parallel quartz veins dipping between 18 and 65 degrees to the south. The thickness of the veins varies from 0.5 cm to over a metre, with an average of approximately 25 cm. The veins commonly contain pyrite and chalcopyrite with minor sphalerite, galena, tetrahedrite and barite. Distinct, continuous veins were labeled A to F depending on their relative locations. Very close-spaced veins were subcategorized with a secondary letter, i.e. Ba, Bb etc. The continuity of the veins varies from good, in the central open pitted area, to en-echelon and branching elsewhere.

The density of the data varies from 5m spaced trench and open pit ore block data to 50m spaced diamond drill holes. The area tested by 10 by 10m spaced drilling has sufficient density to be included in the probable reserve category. The remaining wider-drilled area is considered to be in the possible reserve category.

Reserve calculations were carried out separately for the possible and probable reserve areas. In the probable reserve area mineable blocks were outlined based on gold grade and mining specifications. Reserves were calculated separately for each designated mineable block. Possible reserve areas were defined as a minimum of two adjacent drill intercepts up to 50 metres apart with grade (Au gm/t) x thickness (m) values greater than 17. An area of influence of 15 metres in the plane of the vein around a line joining the drill intercepts was used to define the perimeter of each possible ore block. The reserve was calculated for each ore block using inverse distance interpolation with an upper grade x thickness cutoff value of 100. Results are shown in Table 5.

8.2 INVERSE DISTANCE INTERPOLATION RESERVE CALCULATION

The "SURFER" surface modeling software package produced by Golden Software was used to interpolate one by one metre grid data from the more widely spaced data within each reserve block. The vein surface topography, gold grade, specific gravity and sample interval true width were gridded from the available information. The surface area of the inclined vein for each horizontal one square metre was calculated using in house software to produce a surface area grid. The specific gravity of each intercept was measured or estimated to be 2.75 for sulfide ore, 2.50 for oxide ore, or was calculated from 30 element ICP analyses where available. The area outside the reserve blocks was blanked to exclude it from the calculations. The grid files for the surface area, the true width and the specific gravity were multiplied to produce a tonnage grid. The volume under the modeled surface gave a value

Fairfield Minerals Ltd.

EXISTING OPEN PIT
47,500 ounces Gold / 16,200 tons
average 2.93 oz/ton

PROPOSED OPEN PIT EXPANSION "A"
TONNES : 1,800
AU gm/t : 27.4
GRAMS AU : 49,300
OUNCES AU: 1,600

PROPOSED OPEN PIT EXPANSION "B"
TONNES : 1,570
AU gm/t : 63.3
GRAMS AU : 103,781
OUNCES AU: 3,400

PROPOSED OPEN PIT EXPANSION "C"

BLOCK # : 1810–2100
TONNES : 2,130
AU gm/t : 38.5
GRAMS AU : 81,900
OUNCES AU: 2,630

BLOCK # : 1572–2365
TONNES : 6,080
AU gm/t : 36.8
GRAMS AU : 223,700
OUNCES AU: 7,190

1994 LEVEL

1970 LEVEL

DECLINE

EXISTING ACCESS RAMP

BLOCK # : 1550–2250
TONNES : 4,000
AU gm/t : 23.5
GRAMS AU : 92,800
OUNCES AU: 3,020

BLOCK # : 1550–2200
TONNES : 3,100
AU gm/t : 18.8
GRAMS AU : 58,600
OUNCES AU: 1,400

BLOCK # : 1550–2370
TONNES : 3,500
AU gm/t : 23.8
GRAMS AU : 84,800
OUNCES AU: 2,730

BLOCK # : 1923–2335
TONNES : 4,220
AU gm/t : 26.4
GRAMS AU : 111,400
OUNCES AU: 3,580

BLOCK # : 1550–2150
TONNES : 3,000
AU gm/t : 23.2
GRAMS AU : 67,900
OUNCES AU: 3,150

BLOCK # : 1550–2145
TONNES : 1,670
AU gm/t : 17.9
GRAMS AU : 35,200
OUNCES AU: 1,130

BLOCK # : DEEP–B
TONNES : 8,770
AU gm/t : 134.4
GRAMS AU : 1,018,900
OUNCES AU: 32,800

POSSIBLE REVOLUTION EXTENSION

PROPOSED RAISE

PROBABLE MINEABLE RESERVE BLOCKS TOTAL 27,400 OUNCES GOLD

POSSIBLE RESERVE BLOCK TOTAL 32,800 OUNCES GOLD

EXISTING DRILL HOLE INTERCEPT

PROPOSED DRILL HOLE INTERCEPT

FAIRFIELD MINERALS LTD.

Siwash Gold Mine

Vertical Longitudinal Section

DEVELOPMENT, DRILL RESERVES, AND PROPOSED WORK

Scale 1 : 1,250

Looking North

February, 1996

Figure 7

for the total tonnes in the reserve block. The tonnage grid was multiplied by the gold grade grid to produce the total Au grams in the reserve block.

8.3 INDEPENDENT RESERVE CALCULATION

Roscoe Postle Associates Inc.(RPA), of Toronto, Ontario, were retained to independently calculate a reserve based on the same data (Table 6) utilized by Fairfield. RPA used very similar boundaries for their reserve blocks and arrived at total reserve numbers within 7.7% of those calculated by Fairfield. The reserves of the individual ore blocks vary up to 117% with the largest discrepancies in the possible category. The differences between the probable ore blocks can be accounted for by the difference in methods of determining the average gold grade. RPA averaged all the gold grades within each block which resulted in giving equal weighting to each drill intercept. The gridding method weights the intercepts in the center of the reserve block more heavily than those at the edges and interpolates between them. RPA did not use a standard method for outlining the area of influence of the possible ore blocks but drew a perimeter free hand. The implication is that using strict procedures to define a reserve based on wide spaced drilling is not valid due to the lack of 'representativeness' of the data.

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Table 5

POSSIBLE AND PROBABLE MINEABLE RESERVE SUMMARY

Ore Reserve Blocks - Metric

BLOCK	VEIN AREA sq m	UNDILUTED MINEABLE RESERVE Avg True Thick m	Tonnes	Gold grams	Grade g/t	DILUTED MINEABLE RESERVE Avg True Thick m	Tonnes	Gold grams	Grade g/t
1551-2115	1,027	0.77	2,170	97,900	45.1	1.20	3,890	97,900	25.2
1538-2145	540	0.57	815	35,200	43.2	1.20	1,970	35,200	17.9
1556-2200	850	0.59	1,360	105,900	77.9	1.20	3,180	105,900	33.3
1550-2250	1,287	0.73	2,540	112,600	44.3	1.20	4,800	112,600	23.5
1568-2310	1,214	0.69	2,250	84,800	37.7	0.95	3,560	84,800	23.8
1523-2335	1,368	0.73	2,820	111,413	39.5	0.95	4,220	111,400	26.4
1572-2365	2,053	0.66	3,662	223,708	61.1	0.95	6,060	223,700	36.9
1610-2100	709	0.705	1,374	81,885	59.6	0.95	2,130	81,900	38.5
Total	9,048		16,991	853,406	50.2		29,810	853,400	28.6

Diluted tonnes includes 15% general dilution at 0 g/t not reflected in the True Thickness

BLOCK	VEIN AREA sq m	UNDILUTED POSSIBLE RESERVE Avg True Thick m	Tonnes	Gold grams	Grade g/t	DILUTED POSSIBLE RESERVE Avg True Thick m	Tonnes	Gold grams	Grade g/t
1900B	3,942	0.79	8,550	297,300	34.8	1.20	14,970	297,300	19.9
2350B	324	0.53	470	8,400	17.9	0.95	970	8,400	8.7
2355B	128	1.13	400	12,100	30.3	1.20	490	12,100	24.7
2500B	4,388	0.58	6,960	182,500	26.2	0.95	13,190	182,500	13.8
2525B	1,319	0.72	2,600	79,800	30.7	0.95	3,970	79,800	20.1
2525C	1,300	0.83	2,960	93,900	31.7	0.95	3,900	93,900	24.1
2590C	2,271	0.70	4,390	89,400	20.4	0.95	6,820	89,400	13.1
2650F	3,666	0.75	7,550	127,000	16.8	0.95	11,010	127,000	11.5
2700B	3,441	0.70	6,610	200,600	30.3	0.95	10,340	200,600	19.4
DEEPB	6,375	0.56	9,770	1,019,900	104.4	1.20	24,190	1,019,900	42.2
Total	27,154		50,260	2,110,900	42.0		89,850	2,110,900	23.5

See Figure 6 and Plate 67 for Reserve Block Locations
Dilution parameters including 15% at 0 g/t as per Probable Mineable Reserve calculation

Table 6

ROSCOE POSTLE ASSOCIATES INC.
POSSIBLE AND PROBABLE RESERVE SUMMARY

BLOCK	UNDILUTED MINEABLE RESERVE			
	Avg T.T. m	Tonnes	Gold grams	Grade g/t
1551-2115	included in 1538-2145			
1538-2145	1.20	5,200	107,640	20.7
1556-2200	1.20	2,800	83,440	29.8
1550-2250	1.32	5,600	118,160	21.1
1568-2310	1.02	2,900	72,500	25.0
1523-2335	0.95	4,000	106,000	26.5
1572-2365	0.93	5,900	196,470	33.3
1610-2100	0.9	1,800	64,980	36.1
Total		28,200	749,190	26.6

BLOCK	UNDILUTED POSSIBLE RESERVE			
	Avg T.T. m	Tonnes	Gold grams	Grade g/t
1900B	1.20	11,100	217,560	19.6
2350B	included in 2355B			
2355B	1.20	2,200	48,620	22.1
2500B	0.90	8,900	189,570	21.3
2525B	0.90	3,900	99,450	25.5
2525C	0.90	3,100	84,010	27.1
2590C	0.90	2,600	46,280	17.8
2650F	0.90	3,300	57,090	17.3
2700B	0.90	8,500	218,450	25.7
DEEPB	1.20	22,800	1,126,320	49.4
Total		66,400	2,087,350	31.4

9.0 REFERENCES

AMERICAN GEOLOGICAL INSTITUTE:
1964: AGI Data Sheets, p.24

CORDILLERAN ENGINEERING LTD.:
1992: Reverse Circulation Drilling Report on the Elk Property, Similkameen Mining Division, B.C. Assessment report submitted to B.C. Ministry of Energy, Mines and Petroleum Resources, May, 1993

CORDILLERAN ENGINEERING LTD.:
1991: Drilling and Trenching Report on the Elk Property, Similkameen Mining Division, B.C. Assessment report submitted to B.C. Ministry of Energy, Mines and Petroleum Resources, May, 1992

McCORMACK, J.
1995: Summary of Ore Reserves and Project Economics for the Siwash Gold Mine. Private Report

MONGER, J.W.H.:
1989: Geology, Hope, British Columbia; Geological Survey of Canada, Map 41-1989, sheet 1, scale 1:250,000

PANTLELEYEV, A.:
1986: Ore Deposits #10. A Canadian Cordilleran Model for Epithermal Gold Silver Deposits; Geoscience Canada, Vol. 13, No. 12, pp. 101-111.

RICE, H.M.A.:
1947: Geology and Mineral Deposits of the Princeton Map Area, British Columbia; G.S.C., Memoir 243.

ROSCOE POSTLE ASSOCIATES INC.:
1995: Reserve Estimates and Economic Review of the Siwash Gold Mine, Southern British Columbia. Private Report

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10.0 STATEMENT OF COSTS

Salaries (Field)

K. Cochrane	Field Assistant	134 days
P. Conroy	Geologist	171 days
R. Harwood	Field Assistant	176 days
W. Jakubowski	Geologist	172 days
J. McCormack	Mining Engineer	165 days
B. Post	Geologist	132 days
D. Ritcey	Geologist	171 days
S. Simmons	Cook	123 days

Professional Services

E. Balon	Prospector	21.5 days
J. Rowe	Geologist	30.5 days
J. Stollery	P. Eng.	16.5 days

Prof., Tech. and Geol. Services / Salaries / Benefits	145,950

Transportation

Truck Rental	10,043

Camp Support

Groceries	18,645
Fuel and Propane	14,890
Camp equipment rental	9,730
Telephone	12,899
Personnel travel	19,328
Hardware, field gear	6,386

Diamond Drilling

Boisvenu Diamond Drilling Ltd. 7565m	571,967
Leclerc Diamond Drilling 5017m	226,339
Britton Bros Drilling Ltd. 1328m	70,148
Drill Site Prep Caterpillar 225LC excavator and operator 96.5 hrs @ 125/hr	12,063

Trenching

Caterpillar 225LC Excavator and operator 8 hrs @ $125/hr	1,000

Geochemical Analysis

38	Soil Samples MIBK Au	@ $6.35	241
2	Trench Rock Samples FA Au	@$11.90	24
649	Drill Rock Samples FA Au	@$11.90	7723
214	Drill Rock Samples FA Native Au, Ag Sep	@$27.50	5885
680	Drill Rock Samples MIBK Au	@ $8.60	5848
723	Drill Rock Samples 30 el ICP	@ $6.00	4338

TOTAL EXPENDITURES **1,143,447**

11.0 LIST OF PERSONNEL & CONTRACTORS

PERSONNEL:	Position	Field Dates Worked
K. Cochrane Vancouver, B.C.	Field Assistant	April 18 - Aug. 30, 1995
P. Conroy Vancouver, B.C.	Geologist	April 10 - Sept. 28 1995
R. Harwood New Denver, B.C.	Field Assistant	April 12 - Oct. 5, 1995
W. Jakubowski Vancouver, B.C.	Geologist	April 10 - Sept. 29, 1995
J. McCormack Kamloops, B.C.	Mining Engineer	Feb. 22 - Sept. 22 1995
B. Post Vancouver, B.C.	Geologist	May 26 - Oct. 5, 1995
D. Ritcey Vancouver, B.C.	Geologist	April 11 - Sept. 29, 1995
S. Simmons Vernon, B.C	Cook	June 3 - Oct. 4, 1995

CONTRACTORS:	Position	Dates Worked
Boisvenu Drilling Ltd. Langley, B.C.	Diamond Drilling	8 men: April. 12 - Aug. 13, 1995
Britton Bros. Diamond Drilling Smithers, B.C.	Diamond Drilling	4 men: Sept. 11 - Sept. 23, 1995
Leclerc Drilling Ltd. Beaverdell, B.C.	Diamond Drilling	6 men: June 20 - Aug. 24 , 1995
Mainstreet Mining Ltd. Whitehorse, Yukon.	Mining	12 men: Jan 1, - Sept. 18, 1995
Wiltech Developments Ltd. Kelowna, B.C.	Drill Site Preparation	1 man: July 17 - Sept. 12, 1995

12.0 WRITERS' CERTIFICATE

I, Wojtek Jakubowski of Vancouver, British Columbia, hereby certify that:

1. I am a professional geoscientist residing at #303 639 West 14th Avenue and 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 McGill University, Montreal, Quebec in 1979.

3. I have practiced my profession for 16 years in Quebec, Northwest Territories, Yukon Territory and British Columbia.

4. I am an author of this report and the supervisor of the field work conducted on the Elk claim group by Fairfield Minerals Ltd. during the period April 10 to September 29, 1995.

FAIRFIELD MINERALS LTD.

Wojtek Jakubowski, B.Sc., P. Geo.
Geologist

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 practiced my profession for 13 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 Elk property for Fairfield Minerals Ltd. during the period April 10, 1995 to September 28, 1995.

FAIRFIELD MINERALS LTD.

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
P. W. CONROY
GEOSCIENTIST

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

February 1996
Vancouver, B.C.