ARIS SUMMARY SHEET

District Geologist, Nelson Off Confidential: 90.05.18

ASSESSMENT REPORT 18786 MINING DIVISION: Nelson

PROPERTY: Silver Dollar
LOCATION: LAT 49 11 45 LONG 117 17 30
UTM 11 5449047 478749
NTS 082F03W

CAMP: 004 Ymir - Nelson Area

CLAIM(S): SD 1-2,Silver Dollar (L. 12599),Lucky Boy (L. 12600)
OPERATOR(S): Highland Queen Mines
AUTHOR(S): Faulkner, R.L.
REPORT YEAR: 1988, 125 Pages
COMMODITIES
SEARCHED FOR: Gold,Silver,Copper,Lead,Zinc
KEYWORDS: Hall Formation,Greywackes,Siltstones,Tuffs,Shear zones,Folds
Ankerite,Chalcopyrite,Galena,Sphalerite,Electrum,Silver
Tetrahedrite

WORK
DONE: Geological,Geochemical,Geophysical,Drilling,Physical
DIAD 564.0 m 8 hole(s);NQ
Map(s) - 2; Scale(s) - 1:500
EMGR 18.0 km;VLF
Map(s) - 1; Scale(s) - 1:1250
GEOL 750.0 ha
Map(s) - 11; Scale(s) - 1:500,1:5000
LINE 18.0 km
MAGG 18.0 km
Map(s) - 1; Scale(s) - 1:1250
PETR 4 sample(s)
ROAD 0.5 km
SAMP 519 sample(s) ;AU,AG,CU,PB,ZN,AS,SB
Map(s) - 5; Scale(s) - 1:500
SOIL 646 sample(s) ;AU,AG,CU,PB,ZN
Map(s) - 10; Scale(s) - 1:1250
UNDV;RHAB
MINFILE: 082FSW207

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Consulting Geologists and Engineers

GEOLOGICAL, GEOCHEMICAL, GEOPHYSICAL, AND DIAMOND DRILLING REPORT ON THE SILVER DOLLAR PROPERTY, SALMO, BRITISH COLUMBIA

VOLUME I

Latitude: 49° 11' 45" N
Longitude: 117° 17' 30" W
NTS: 82F/3W

FOR

HIGHLAND QUEEN MINES LIMITED
2120 - 650 West Georgia St.
Vancouver, British Columbia
V6B 4N9

Prepared by

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FAIRBANK ENGINEERING LIMITED
Vancouver, B.C.

September, 1988
(Work dates May 14 - August 7, 1988)

TABLE OF CONTENTS

LIST OF FIGURES

LIST OF TABLES

LIST OF PLATES

LIST OF APPENDICES

following text

1. INTRODUCTION

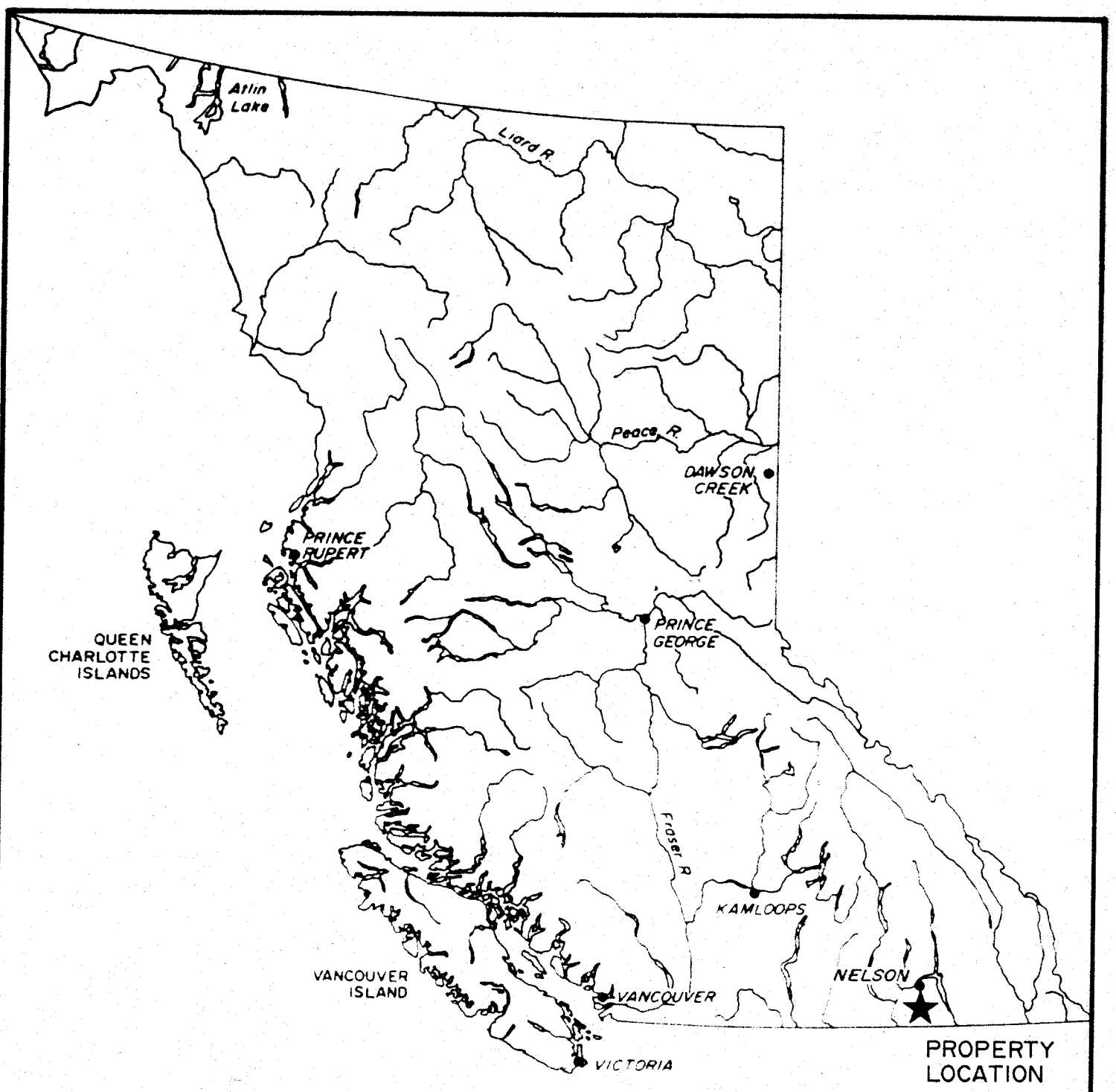
This report summarizes the initial exploration of the Silver Dollar Property, Salmo British Columbia. By funding the exploration program Highland Queen Mines Limited/ TRV Minerals Limited can earn up to 75% equity interest in an option held by Brian D. Fairbank to purchase the property.

The purpose of the exploration program is to determine the capability and potential of the Silver Dollar Property to host and contain gold reserves. To do this, soil sampling and geophysical surveys were undertaken to delineate drill targets. Rock sampling and geological mapping of the rehabilitated Lucky Boy Mine workings were done to understand the gold bearing environment and to have a foundation on which to develop gold reserves. Diamond drilling was initiated to delineate the gold bearing structure and geological mapping was started to try and tie all these components together.

Conclusions have been reached and recommendations for further work presented.

1.1 Location, Access and Topography

Situated on the eastern edge of the Bonnington Range of the Selkirk Mountains, the Silver Dollar Property lies within the Nelson Mining Division. The property is approximately centered at latitude 49° 11' 45" north and longitude 117° 17' 30" west on N.T.S. map sheet 82 F/3W. It is to the west-northwest of and contiguous with the village of Salmo British Columbia (Figures 1 and 2).
figure 1



KILOMETERS
100 0 100 200 300
MILES
50 0 100 200

HIGHLAND QUEEN MINES LTD.

SILVER DOLLAR PROPERTY

LOCATION MAP

NELSON M.D., B.C. 82 F/3

Scale: As Shown Date: SEPT/88

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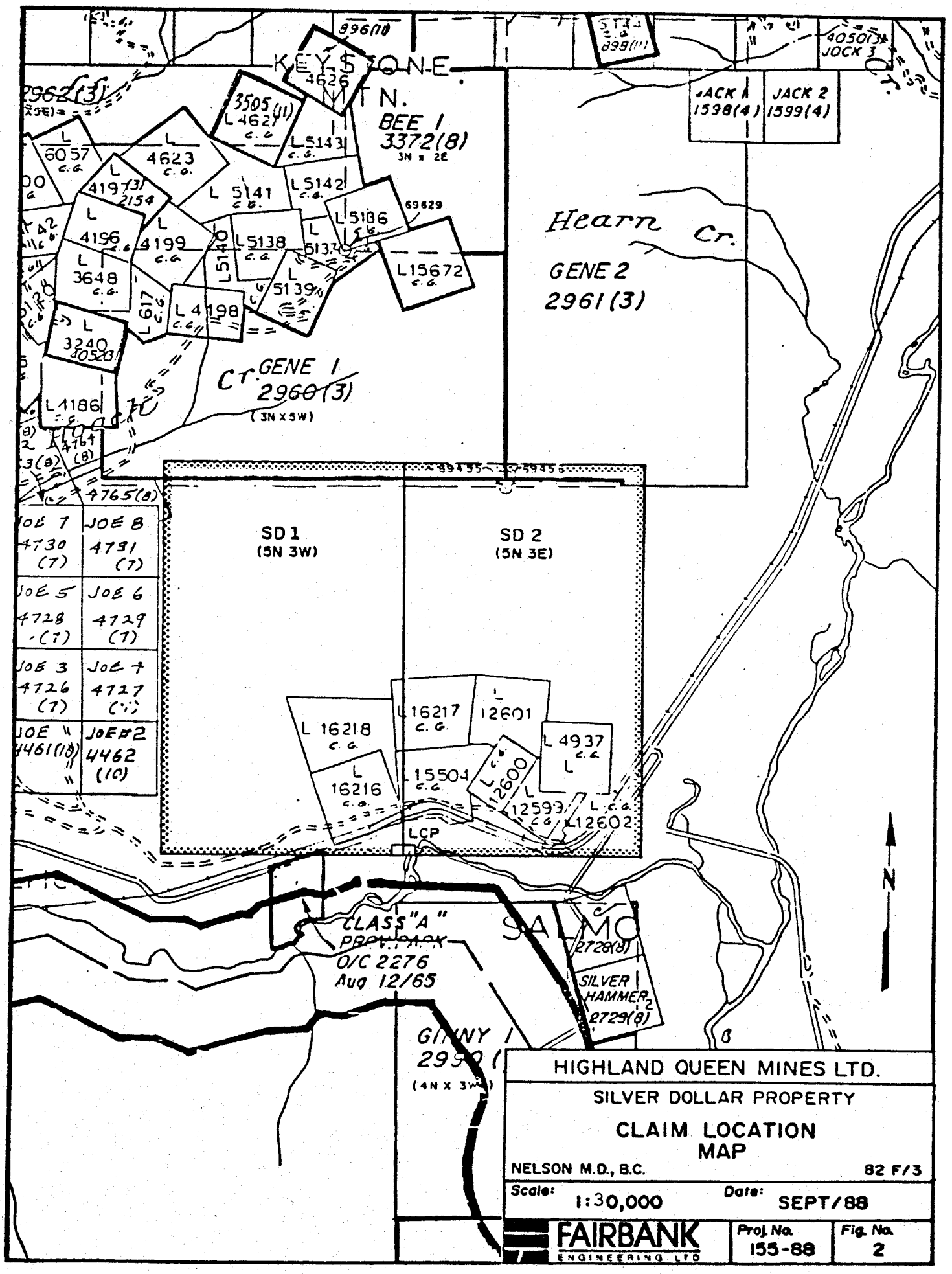
Proj. No.	Fig. No.
155-88	1



HIGHLAND QUEEN MINES LTD.

SILVER DOLLAR PROPERTY

CLAIM LOCATION MAP

NELSON M.D., B.C. 82 F/3

Scale: 1:30,000 Date: SEPT/88

FAIRBANK ENGINEERING LTD | Proj. No. 155-88 | Fig. No. 2

Along the southern edge of the property is the Burlington Northern Rail Line and Highway 3. The highway gives access to the property from Castlegar, Trail, Nelson and Creston. Access to the Silver Dollar Property is by a short dirt road from Highway 3 and various parts of the property can be reached by logging roads, locally overgrown, and a diamond drill road.

The property occurs at the end of a ridge that trends south from Keystone Mountain to Erie Creek. It slopes steeply southward from a plateau at 1500 metres A.S.L. down to about 640 metres A.S.L. The plateau area has partially been logged, the brow of the ridge is sparsely treed rock outcrop and the lower reaches well treed with birch/poplar, fir and pine. The lower elevations have been selectively logged.

1.2 Claims

The Silver Dollar Property consists of 9 crown granted (C.G.) and 2 modified grid (M.G.) mineral claims, that cover the Silver Dollar and Lucky Boy Mines (Figure 2). Table 1 summarizes the pertinent claim information.

Portions of the Silver Dollar Property have alienated surface rights. These alienated surface rights, other than those outlined in the Mineral Tenure Act (August 15, 1988), are those rights of ways given to the Canadian Broadcasting Corporation (Plan 15942) and Village of Salmo (Plan 9722) (Figure 3).

1.3 History and Work

The crown granted mineral claims were recorded prior to 1899. Subsequently shafts and drifts were developed along the Silver Dollar and Lucky Boy "veins". From 1965 to 1977

TABLE 1

CLAIM DATA

Name	Number	Type	Units	Record Date	Recorded Owner
Napoleon	4937	C.G.	-	-	J.Spencer/ M.Easley
Silver Dollar	12599	C.G.	-	-	"
Lucky Boy	12600	C.G.	-	-	"
Salmo	12601	C.G.	-	-	"
Silver Dollar Fraction	12602	C.G.	-	-	"
Lucky Boy Fraction	15504	C.G.	-	-	"
Lucky Boy #1	16216	C.G.	-	-	"
Lucky Boy #2	16217	C.G.	-	-	"
Lucky Boy #3 Fraction	16218	C.G.	-	-	"
SD 1	5088(5)	M.G.	15	20/05/88	B.Fairbank
SD 2	5089(5)	M.G.	15	20/05/88	"

the Lucky Boy Mine produced 1,626 ounces of gold and 58,390 ounces of silver from 6,174 tons of ore (Kenway, 1983; Lennan, 1988). No work has been performed since 1977 and significantly no geological exploration has ever been undertaken.

Having optioned the Silver Dollar Property and come to an agreement with Highland Queen Mines Limited, Fairbank Engineering has undertaken an exploration program centered on the Lucky Boy Mine workings on behalf of Highland Queen Mines. This 1988 work program entailed 18 kilometres of line cutting and magnetometer and VLF surveys. A total of 646 soil samples were taken over the cut grid, the claim boundaries and two longitudinal traverses. These samples were analyzed for Au, Ag, Cu, Pb and Zn. Three drifts and portals were rehabilitated to allow safe access for underground sampling and mapping of the Lucky Boy workings. In the workings 424 rock samples were taken and analyzed for Au, Ag, Cu, Pb, Zn, As and Sb. A 500 metre drill road and 10 drill sites were put in for Bergeron Drilling Limited's M-6 tank mounted Longyear Super 38 drill. A total 564 metres of NQ diamond drilling in eight holes was completed. From the drill core 128 samples were taken and 95 were sent for analyses of Au, Ag, Cu, Pb, Zn, As and Sb. Geological mapping of the underground workings has been completed and the surface mapping initiated.

2. GEOLOGY

The Silver Dollar Property is underlain by Rossland Group rocks. These rocks host the Lucky Boy Mine which is along a mineralized shear zone with quartz veining. The shear zone contains gold, silver, copper, lead and zinc bearing minerals.

2.1 Regional Geology

The lower Jurassic Rossland Group rocks are subdivided into three formations. The oldest is the Archibald Formation which is comprised of siltstone, argillaceous quartzite and minor tuff and lava. This formation is over lain by the andesite and basalt flows and flow breccia, agglomerate and minor siltstone and amphibolite of the Elise Formation. At the top of this stratigraphic pile is the Hall Formation which consists of argillite, shale, siltstone, phyllite with local volcanics and pebble conglomerates. These formations are penetrated by middle Jurassic Nelson and middle Eocene Coryell Intrusions, (Figure 4).

In this region the Rossland Group rocks occur within a fold,thrust belt formed in post-middle Jurassic time. The Hall Formation is the core of a north-south syncline that ends just north of the Silver Dollar Property. The Elise Formation forms the limbs of the syncline with the Archibald Formation occurring only on the western limb in contact with the Bonnington Pluton. A southwest-northeast anticline exposing Archibald Formation rocks appears to begin near the western boundary of the property and trends southward.

To the southeast of the anticline the Waneta Fault, a low angle easterly dipping thrust fault, brings Cambrian rocks into contact with the lower Jurassic Elise Formation. This fault is locally obliterated by the Nelson Intrusions. Transverse faults, to the southwest of the property, offset the anticline and bodies of Nelson Intrusive rocks (Little, 1960; 1986).

LEGEND

CENOZOIC

TERTIARY

18, 18a, 18b — 18. CURRIE PLUTONIC ROCKS: alkaline rocks; 18a, augite Sodite monzonite; 18b, basic syenite
19. SHEPPARD INTRUSIONS: leucocratic granite and syenite

MESOZOIC

CRETACEOUS(?)
LOWER CRETACEOUS(?)

17, 17a, 17b, 17c, 17d — NELSON PLUTONIC ROCKS: granitic rocks; 17a, porphyritic granite; 17b, granite; 17c, granodiorite; 17d, quartz diorite

JURASSIC
MIDDLE AND (?) UPPER JURASSIC
UPPER HAZELTON GROUP

15 — Andesite, basalt and dacite flows and flow breccia, agglomerate, interbedded siltstone, argillite and tuff

LOWER AND MIDDLE JURASSIC

14, 14a, 14b — HALL FORMATION: argillite, siltstone, shale, phyllite; 14a, calcareous siltstone and limestone; 14b, includes abundant intrusive rocks

LOWER JURASSIC

13, 13a, 13b — ELVA FORMATION: andesite and basalt flows and flow breccia, agglomerate, augite porphyry; 13a, tuff, siltstone and argillite, minor quartzite; 13b, amphibolite

TRIASSIC(?) AND JURASSIC
LOWER JURASSIC AND (?) OLDER

12 — ARCHIBALD FORMATION: siltstone, argillite, argillaceous quartzite, minor tuff and lava; locally abundant

LOWER MIDDLE, AND (?) UPPER JURASSIC
ROSSLAND GROUP

16, 16a, 16b — Andesite and basalt flows and flow breccia, agglomerate, augite porphyry, minor sediments; 16a, siltstone, argillite, minor quartzite and tuff

LOWER JURASSIC (?) AND OLDER
VARE GROUP

11 — Argillite, slate, argillaceous quartzite and hornfels

PALAEOZOIC

ORDOVICIAN
LOWER AND (?) MIDDLE ORDOVICIAN

9, 9a, 9b, 9c — ACTIVE FORMATION: black argillite and slate; 9a, grey limestone and argillaceous limestone; 9b, banded argillite and limestone; 9c, dolomite, dolomitic breccia and limestone

CAMBRIAN
MIDDLE CAMBRIAN

8, 8a, 8b, 8c — NEVAY FORMATION: cream weathering grey dolomite, limestone and argillite; 8a, limestone and calcareous argillite; 8b, dark and light grey dolomite; 8c, grey limestone

LOWER CAMBRIAN

7, 7a, 7b, 7c — LAIB FORMATION: phyllite, argillite, schist, micaceous quartzite and limestone; 7a, Reeves Member, grey limestone, minor dolomite; 7b, Emerald Member, black phyllite and argillite; 7c, upper Laib Formation, phyllite, schist, micaceous quartzite, minor limestone

6, 6a — RENO FORMATION: argillite, argillaceous quartzite; 6a, Truman Member, phyllite and argillite with limestone lenses

5, 5a, 5b, 5c, 5d — QUARTZITE RANGE FORMATION: white, green and pink-ish quartzite; 5a, Marmot Member, white quartzite, minor argillite, grit and green schist; 5b, Nugget Member, white quartzite, arkosic quartzite and argillite at base; 5c, Nevada Member, thin bedded argillite, minor quartzite, white quartzite at top; 5d, argillaceous quartzite (probably equivalent to lower Nugget Member (5b))

LOWER CAMBRIAN AND (?) LATER

10, 10a, 10b, 10c, 10d — Quartzite, argillite, slate, minor limestone; 10a, limestone and argillite; 10b, quartzite, argillite, minor limestone; 10c, white and grey quartzite; 10d, black phyllite and schist

WINDERMERE (?)

4, 4a, 4b, 4c — THREE SISTERS FORMATION: green and grey grit and quartzite, minor conglomerate and green schist; 4a, conglomerate; 4b, chlorite schist; 4c, brown micaceous schist

WINDERMERE

3, 3a, 3b — MOYIE FORMATION: green argillite and phyllite; 3a, conglomerate; 3b, limestone

2, 2a — IRENE VOLCANIC FORMATION: greenstone, minor argillite near base; 2a, limestone

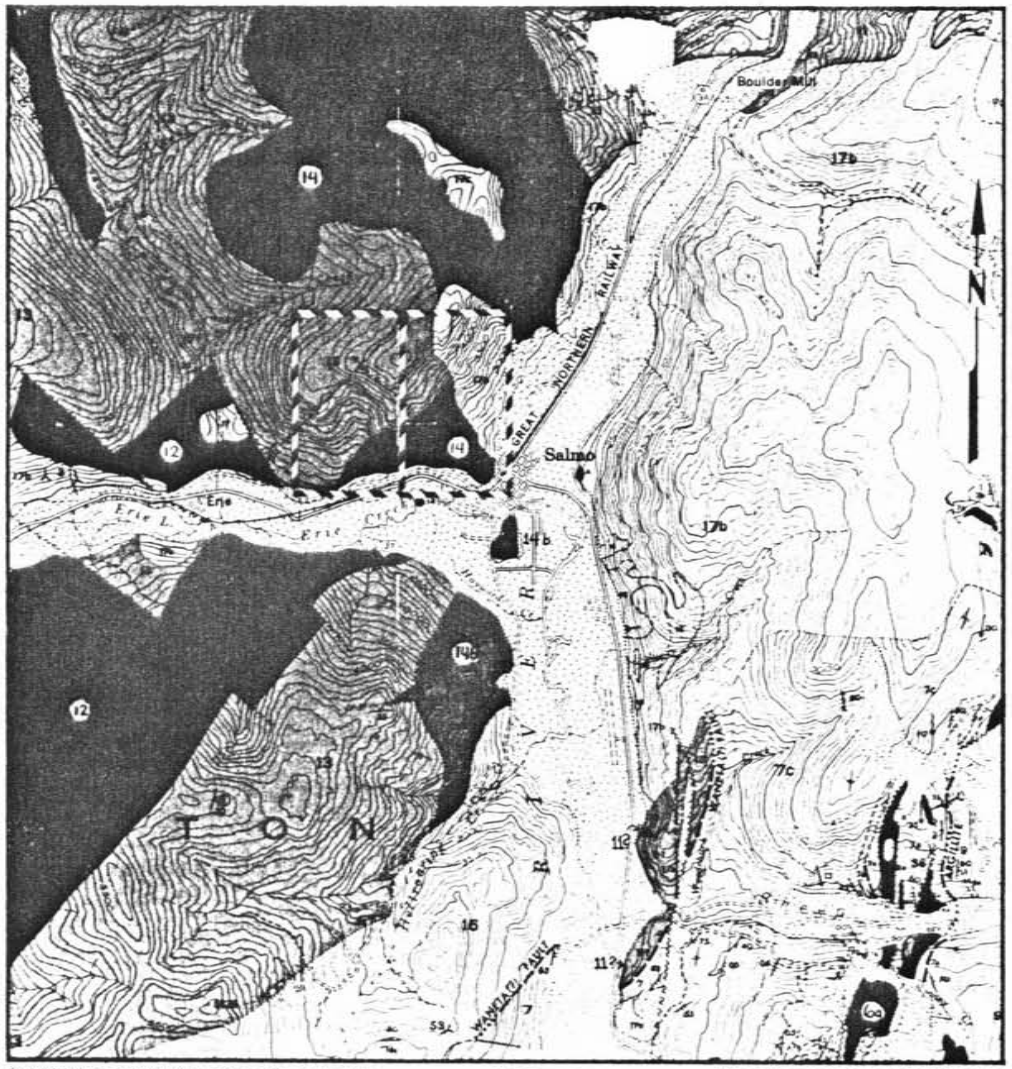
1 — TOBY FORMATION: conglomerate, minor argillite

PROTEROZOIC

A — Metamorphic sedimentary rocks: age unknown

B, B1, B2, B3 — Sedimentary rocks: probably Palaeozoic; B1, black argillite, calcareous argillite, slate and phyllite; B2, grey limestone; B3, chert, quartzite and minor greenstone

Heavily drift covered area
Bedding (tops known (inclined, overturned))
Bedding (tops unknown (inclined, vertical))
Schistosity (inclined, vertical)
Lineation (inclined)
Fault (defined, approximate, assumed)
Thrust fault (defined, approximate, assumed)
Anticline (defined, approximate, assumed)
Syncline (defined, approximate, assumed)
Low grade
Kimberlite
Adit, pits and trenches



Geology by H. W. Little, modified after Walker (1934), from field work by H. W. Little in parts of the field seasons of 1948, 1949, and 1959. Sheep Creek mining camp from Mathews (1953) and Salmo lead-zinc belt from Fyles and Hewlett (1959)

MAP 1145A

Base map cartography by the Geological Survey of Canada from maps compiled by the Surveys and Mapping Branch, Department of Lands, Forests and Water Resources, British Columbia

INDEX TO MINING PROPERTIES

1. Beaver Creek
2. Armstrong Group
3. New Hamlet
4. Arlington (New Arlington)
5. Gold Hill
6. Keystone
7. Second Chance
8. Clubine Contact
9. Evelyn
10. Silver Dollar

SCALE

1 0 1 2 3 4 5 Kilometres

HIGHLAND QUEEN MINES LTD.

SILVER DOLLAR PROPERTY

REGIONAL GEOLOGY

NELSON M.D., B.C. — 82 F/3

Scale: 1:100,000 — Date: SEPT/88

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Fig. No. 4

2.2 Grid Geology:

It is believed that the Silver Dollar Property is underlain by the Hall Formation. The limited geological mapping, (Figure 5) has shown that interbedded greywackes and siltstones are the dominant rock types. In the mapped area tuffs, crystal and ash, and andesitic flows occur locally and appear to be conformable to the interbedded sediments. Feldspar-quartz porphyry as sills/dykes also occur locally and are somewhat conformable to bedding.

Bedding strikes a few degrees on either side of north and dips 40° to 90° to the east. Tops are generally unknown, but where found they point to the southwest. This suggests that the beds may be overturned.

The dominant and most important structural feature is a shear zone that strikes approximately 20° north and dips 10° to 30° to the east. It hosts the quartz and precious and base metal mineralization. This zone is only exposed around the adits. At the portal to Drift 4 a small, 2 metre wide, recumbent fold with a hinge line bearing 014° plunges 03° north. It is not known whether this fold is overturned. In this and other exposures minor folding and thrust faulting are apparent and mimic the above two features.

Jointing is ubiquitous and dominated by a joint set striking to the southeast between 120° and 149° that generally dips steeply, 70+°, to the southwest and to a lesser extent to the northeast. Less dominant joints are found to strike approximately 65° and dip 19° to 90° to the southeast with the shallower dips to the northwest, strike about 90° with dips from 35° to 85° predominantly to the north and strike to the south-southeast, around 170° generally dipping 18° to 90° to the east.

Pyrite is found everywhere as euhedral crystals of varying sizes and in varying amounts in all rock types. Carbonate occurs as masses ($CaCO_3$) filling dilatant zones, centimetres in width, as surface precipitate and as the matrix of clastic sediments. It is not known whether the carbonate in these clastic sediments is original or replacement mineralization.

2.3 Underground Geology

Three drifts expose crossections of the mineralized shear zone in the Lucky Boy Mine workings (Figures 6, 7 and 8, Plan View Figure 11). The rocks hosting the shear zone are themselves sheared and altered, but appear to be greywackes and siltstones of the Hall formation with tuffs occurring locally.

These rocks were folded, kinked and then sheared. The folds that resulted were found to be recumbent to slightly overturned and isoclinal to closed with north,south trending hinge lines that plunge 5° to 10° to the north. Kinking occurred in the siltstone dominated beds and gave rise to shearing and drag folding. Shearing was found to crosscut the folds and kinks in the host rocks.

Shearing movement is suggested by drag folding in the foot and hanging walls. These drag folds trend northeast-southwest, plunge 10 to 15 to the northwest and indicate a westward movement in the footwall and an eastward movement in the hanging wall. North-south movement within the gouge bounded shear zone is expressed by upright symmetrical open folds and northward thrust planes. This shear zone undulates with the foot wall, but generally strikes north-northwest - south-southeast to north-south and dips to the northeast 10° to 40°.

Quartz within the shear zone occurs as veins, veinlets and stringers that are generally well fractured and broken. In thin section the quartz is strongly recrystallized, granulated, fractured and strained (Appendix A). This suggests that the quartz veining inhabited dilatant zones prior to major shearing.

In hand specimen within and along the margins of the quartz are pyrite, chalcopyrite, galena, rare sphalerite and bornite and tetrahedrite. The habit of pyrite as masses and euhedral crystals, chalcopyrite as masses and blebs and rare bornite associated with the chalcopyrite suggests a contemporaneous deposition with quartz. Galena is found in fractures, along the margin of the quartz veining and to a lesser extent as blebs within pyrite. This hints at a later stage of deposition. Tetrahedrite occurs as a fine grained dark grey metallic mineral along the margins of and in fractures within the quartz. As with galena it is assumed that tetrahedrite is a late stage product.

In thin section the mineralized vein sample from Drift 1 is dominated by tetrahedrite with pyrite as an accessory mineral (RF1-1, Appendix A, Figure 6). The tetrahedrite forms threads and interconnected pockets while pyrite occurs as clusters of tiny euherda. Chalcopyrite is tarnished and its habit is as specks and pockets. Galena is rare and occurs as pockets. The thin section of the vein sample from Drift 3 shows compact pyrite is the dominant suphide (RF3-1, Appendix A, Figure 7c). It is fractured with the fractures containing quartz and galena. Galena occurs as segregated blebs and as dendritic permeations in the quartz. Electrum is fairly abundant as specks and threads in fractures, (Plate 1). Sphalerite, tetrahedrite and chalcopyrite are rarely found. The mineralogy of the thin section from Drift 4 is likened to that of Drift 1 (RF4-1 Appendix A, Figure

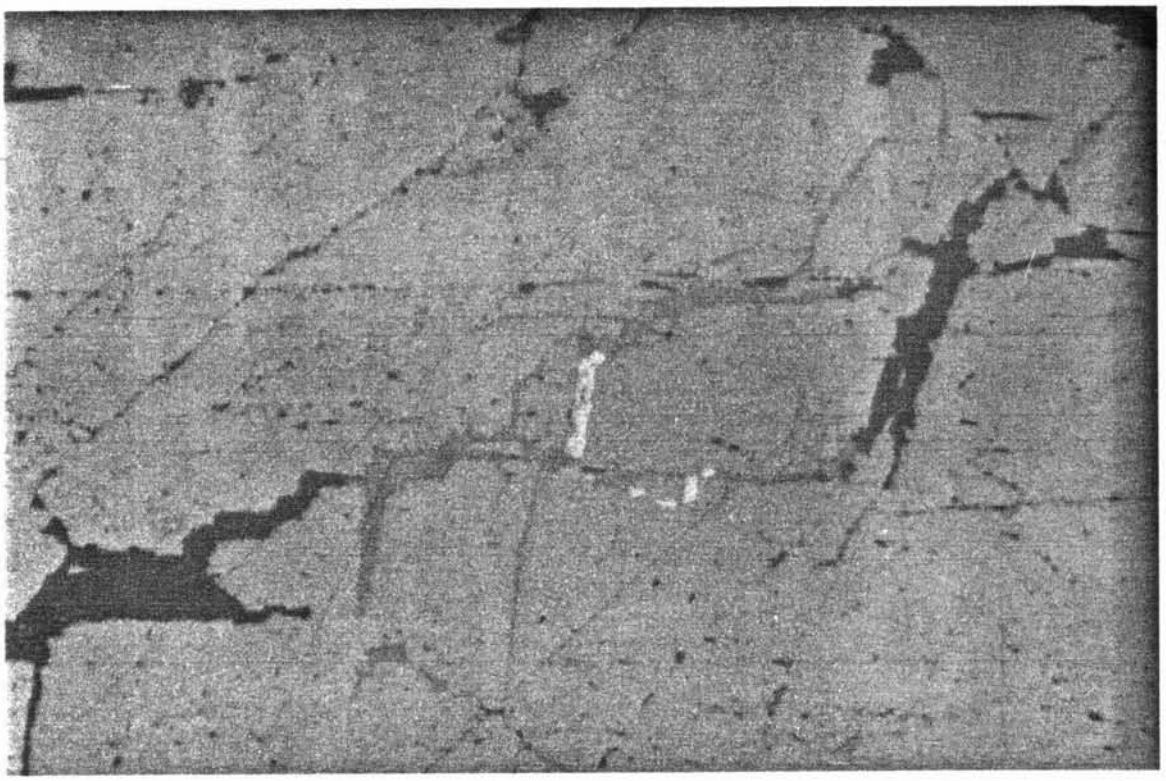

Plate 1: Sample RF3-1, Neg. 129-7. Veinlets of galena (Ga)and quartz (Qtz). Electrum (Elec) occurs as small segments (5-70 microns) in the galena-filled micro-fracture network (APPENDIX A).

Plate 2: Sample RF4-1, Neg. 129-8. Tetrahedrite (Tetr) containing galena (Ga) and sphalerite (Sph) and native silver (Ag) (APPENDIX A).

8b). Tetrahedrite dominates as specks and threads in quartz and as matrices with galena in sulphide pockets. These pockets, 0.5 millimetres in diameter, contain tetrahedrite, galena, sphalerite and pyrite. Chalcopyrite occurs rarely as specks in gangue and the tetrahedrite. It is in this thin section that native silver is prominent, but a minor component mineralogically (Plate 2) (Harris, 1988).

Alteration consists of carbonatization and silicification. Carbonate alteration locally occurs in the tuff horizon and in the greywacke-argillite beds, but specifically below the quartz veining. Thin section RF1-2 (Appendix A, Figure 6), is 52% fine grained micritic dolomite or ankerite with chlorite (mariposite?) patches. Carbonate also is found as surface coatings at the ends of Drifts 1 and 4. Silicification locally occurs in the greywackes-argillites associated with quartz stringers (Harris, 1988).

2.4 Diamond Drill Holes Geology

In the eight diamond drill holes the rock hosting the shear,mineralized zone is largely comprised of greywacke, argillite and lesser amounts of felsic (ash) and crystal tuffs. Both the tuffs and the greywacke beds have local carbonatization of feldspars. Scarce augite-feldspar +/- quartz +/- biotite porphyry sills, possibly a recrystallized equivalent of the crystal tuff, occur throughout. In DDH-88-8, a turbidite sweep characterized by epiclastic rip-up clasts is intersected at depth, (Figures 9 and 10, Drill Logs Appendix B).

The bedding appears to be inverted, whereby older strata overlie the more recent. Dipping steeply, average 58° to the east, the bedding generally steepens slightly downhole. However, proximate to the mineralized zone, the

bedding shallows to approximate the veining and shearing dips. The strike cannot be determined by means of the drill core data.

Fault zones have been intersected throughout each of the drill holes. However, the faulting network is not readily discernible and thus its preponderance over the mineralized zone remains unclear.

Quartz veins equivalent to those of the mineralized zone within the drifts of the Lucky Boy Mine were intersected in each drill hole except for DDH-88-1 and DDH-88-8. At DDH-88-1, the mineralized zone was eroded away. At DDH-88-8 the mineralized zone was represented only by statigraphically equivalent shearing and faulting. In DDH-88-5 the mineralized zone was comprised of a dissipated quartz stringer stockwork dipping at approximately 70° to 90°.

The mineralized zone is largely undulating, approximating a strike of 161° and a northeasterly dip of 15° to 25°, and is largely comprised of massive bull type quartz stringers and veins up to 1.9 metres wide. They are regularly carbonate microveined,microfractured and host brecciated wall rock inclusions. Sulfide mineralization, which almost without exception is comprised of second generation ? lustrous pyrite grains, grain aggregates and clots, occurs at the sheared vein contacts, brecciated wall rock inclusion contacts and along microfracture planes. Minor galena in the mineralized zone of DDH-88-6 represents the only other visible sulphide mineralization.

2.5 Geological Summary and Discussion

The regional geology suggests that the Rossland rocks were deposited offshore with their source being an island arc. A period of volcanism occurred (Elise Formation) which ended a time of quiet deposition (Archibald Formation) in the middle-lower Jurassic. With the end of the volcanic activity quiet deposition returned (Hall Formation) with minor uplift of the arc. Subsequent orogenic activity created the fold thrust belt with Nelson Intrusions emplaced in the middle Jurassic. Transverse faulting then occurred offsetting the major structural features. The latest event was the emplacement of the Coryell Intrusions.

Surface geological mapping has indicated that the lower Hall Formation, greywackes and argillites interbedded with tuffs and flows, has been folded and overturned. These beds were found to have a northerly strike and dip steeply to the east. Subsequent to folding, shearing was initiated and possibly the feldspar-quartz porphyry sills/dykes intruded. Shearing continued with minor thrust faulting and folding and could have terminated with the emplacement of the granitic stock on the east side of the property.

The underground geology suggests a sequence of events where the Hall Formation underwent regional shearing and deposition of metallic minerals. This shearing formed a pathway along which mineral rich fluids flowed and where fine grained greywacke/argillite occurred created zones of dilation. Quartz along with pyrite and chalcopyrite were deposited in these zones. With continued shearing the quartz was broken and the sulphides fractured providing a depositional environment for later minerals. These later minerals were tetrahedrite, native silver, electrum, galena and rare sphalerite. It is possible that the emplacement of

the granitic stock was the mechanism controlling the mineral bearing fluids.

The lack of arsenopyrite and the existence of native silver suggests the metal bearing fluids were of low to moderate temperatures and primary hydrothermal solutions.

Diamond drilling shows the existence, continuity, and areal extent of one and possibly two shear zones. Furthermore, quartz vein material in the shear zones and sulphides in DDH-88-2, DDH-88-3, DDH-88-4, DDH-88-6 and DDH-88-7 indicate the occurrence of mineralizing fluids.

3.0 GEOCHEMISTRY

The geochemical surveys of the Silver Dollar Property consisted of 646 soil samples, 424 channel rock samples, 4 rock samples and 128 NQ diamond drill core samples of which 95 were analyzed. They were analyzed at Min - En (Mineral Environments) Laboratories Limited 705 West 15th Street North Vancouver, British Columbia. These samples were analyzed for gold, silver, copper, lead and zinc in soils and for these elements plus arsenic and antimony in the rocks and core.

The methods used are detailed in Appendix C and are summarized as follows:

soils: Au, wet atomic absorption.
Ag, Cu, Pb, Zn, multi-acid atomic absorption.

rocks: Au, fire geochem.
6 element Inductively Coupled Plasma atomic emission spectrometry.
Au > 1000 p.p.b., fire assay.
Ag > 10 p.p.m., acid digestion chemical analysis.

core: Au, fire geochem.
6 element Inductively Coupled Plasma atomic emission spectrometry.
Au > 1000 p.p.b., fire assay.

3.1 Soil Geochemistry

The Silver Dollar Property soil samples were collected from June 4th to 20th, 1988. Of the 646 samples collected 270 were taken at 25 metre intervals along cut grid lines. The remaining 376 soil samples were gathered along the three north-south claim block lines at 25 metre intervals and two north-south traverses bisecting the claim blocks at 50 metre intervals.

The soils on the property are derived from glacial till and talus material. The majority of the samples taken represent an immature "B" horizon that could be the transition zone between the "A" - "C" horizons, a lower "A" horizon or an upper "C" horizon. The analytical results are tabulated in Appendix D.

3.1.1 Grid Soil Geochemistry

Gold results from the grid soil samples occur as point anomalies as a result of the thick overburden. Significant point anomalies, >100 ppb Au, occurring down slope from the Lucky Boy "vein" are due to mine waste. The anomaly at station 300E 175S remains unexplained. At station 275E 000S the 70 ppb Au anomaly sits on the crown of an overgrown alluvial fan. The other anomalies, >10 ppb Au have not been investigated (Figure 11).

Silver results show significant anomalies (>1.6 ppm Ag) in the northwest quadrant of the grid, specifically at stations 500W 175N to 300N and 400W 225N to 300N. A

significantly anomalous result occurs as a point anomaly at station 400E 25N, the source is unknown. In general the anomalous silver values indicate east-west trends interrupted by thick overburden. The north-south elongation of the anomalous zones is due to slopes dipping steeply to the south (Figure 12).

Lead results also show east-west trends and elongation of anomalous zones down slope. A significantly anomalous zone occurs from lines 000W to 100W and from 75N to 150N. The anomalous zone at 200E 125N to 225N represents the down slope movement of lead from the point source at 250E 200N into a gully to the west then south down the gully. Another point anomaly is located at 500E 25N, whose source is unknown (Figure 12).

Copper results show significant anomalous values in the northwest quadrant. These results also show point anomalies, east-west trends and down slope spreading especially line 150W north of the base line (Figure 14).

Zinc results show point anomalies, east-west trends and elongation of anomalies down slope. As with silver and copper significant anomalies, >600 ppm Zn, occur in the northwest quadrant of the grid. Zinc also has anomalies occurring in the southwest quadrant and at stations 225N and 250n on line 600E. It also repeats the lead anomalous zone from lines 000W to 100W and 100N to 150N. Point anomalies occur randomly, but the anomaly at 150E 50S, 3401 ppm Zn, is believed to be man made with the logging road so close by (Figure 14).

3.1.2 **Claim Soil Geochemistry**

Gold results that were anomalous, > 10 ppb Au, occur as point sources and local groups (Figure 16). Claim Line

East, CL E, has a group anomaly from station 625S to station 700S (10 ppb to 25 ppb Au) and a point anomaly at 1250S. Claim Line 750E has only one point anomaly at 1450S. Claim Line 00W has a grouped anomaly at 1225S to 1250S and point anomalies at 425S and 1650S (35 ppb Au). Claim Line 750W has three point anomalies 1500S, 1650S (25 ppb Au) and 2300S (30 ppb Au). Claim Line West, CL W, has the most significant grouped anomaly from station 1625S (45 ppb Au) through 1675S (50 ppb Au) to 1750S. It also has point anomalies at 475S, 1025S (25 ppb Au), 1450S and 2325S (25 ppb Au). Notable are the significantly anomalous values, >20 ppb Au, at and around station 1650S on Claim Lines 00W (35 ppb Au), 750W (25 ppb Au) and West (45, 15 and 50 ppb Au).

Silver results as with gold show point and group anomalies (> 1.6 ppm Ag, Figure 17). CL E has scattered anomalous values 225S, 300S, 375S, 425S, 450S, 500S, 625S, 750S and a significant grouped anomaly from 0s to 50S (1.4, 3.2 and 2.1 ppm Ag). Claim Line 750E does not have any anomalous values neither does Claim Line 00W and Claim Line 750 W. Significantly CL W has the highest value at 19.6 ppm Ag at 1550S associated with 2.4 ppm Ag at 1575S and some point anomalies at 325S, 350S and 1050S.

Lead has very few anomalous results (Figure 18). Those values that are above 80 ppm Pb are on Cl E at 625S and 750S, Claim Line 750E at 200S, 650S, 1450S and 1550S, Claim Line 00W at 1125S, 1225S, 1250S and 1275S, Claim Line 750W at 2150S (162 ppm Pb, highest value) and 2500S and CL W at 1025S.

Copper claim line soil geochemistry results can be considered anomalous if greater than 160 ppm Cu (Figure 18). Point anomalies occur along Cl E at 25S (269 ppm Cu), 225S and 625S (292 ppm Cu). Claim Line 750E has no anomalous

values while Claim Line 00W has numerous 1225S, 1275S, 1375S, 1400S, 1475S (262 ppm Cu), 1500S (377 ppm Cu, highest value), 1525S, 1675S and 1700S. Claim Line 750W has no anomalous values and CL W has four 1300S, 1550S, 1900S (249 ppm Cu) and 1950S. No east- west trends are visible, but the 1550S anomaly on CL W may be associated with the silver anomaly at the same station.

Zinc results can be considered anomalous if they are above 600 ppm Zn (Figure 19). With this definition CL E has anomalous values and these range from 676 ppm to 2180 ppm Zn, the highest value, over 24 stations 00S to 750S. Claim Line 00W is the only other line with anomalies and they are at stations 1275s and 1300S.

3.2 Underground Rock Geochemistry

In Drift 1 the rock samples collected were numbered 60401 to 60521 and 60594 to 60615 (Appendices E and F, Figure 21). Based on a visual inspection those gold fire geochemical values greater than 300 ppb Au were fire assayed as were silver geochemical values greater than 10 ppm Ag. A total 56 gold samples and 9 silver samples were fire assayed out of 143 samples taken in this drift. The fire assayed gold values ranged from 0.009 oz. Au/ton (.308 gm. Au/tonne) to .375 oz Au/ton (12.8gm/tonne) with 4 samples >0.10 oz Au/ton (3.4 gm/tonne) and the silver from 0.35 oz Ag/ton (12.0 gm/tonne) to 14.44 oz Ag/ton (495 gm/tonne). Significantly all the fire assayed values were higher than the Au fire geochemical values and on average slightly lower than the ICP Ag results. 50% of the fire assayed gold and silver values were associated with sample intervals that contained greater than 50% quartz.

Samples number 60522 to 60593 and 60616 to 60677 were taken in Drift 3 (Appendices E and F, figure Figures 22 and

23). Those samples which had fire geochemical values > 1000 ppb Au and ICP values >10 ppm Ag were fire assayed. This resulted in 48 gold values and 66 silver values out of 132 samples being fire assayed. The fire assayed gold values ranged from 0.029 oz Au/ton (1.0 gm/tonne) to 1.047 oz Au/ton (35.9 gm/tonne) with 26 greater than 0.10 oz Au/ton (3.4 gm/tonne) of which are 9 greater than 0.50 oz Au/ton (17.1 gm/tonne). The silver fire assay values range from 0.29 oz Ag/ton (9.9 gm/tonne) to 53.6 oz Ag/ton (1839.8 gm/tonne) with 14 samples greater than 5 oz Ag/ton (171.4 gm/tonne) of which 5 are greater than 20 oz Ag/ton (685.6 gm/tonne). For both gold and silver the fire assay values were generally higher than the fire geochem and ICP derived values. Of the 48 samples with gold values higher than 1000 ppb Au, 36 occurred when the sample interval contained greater than 50% quartz. From 66 samples with silver value higher than 10ppm Ag, 38 occurred when the sample interval contained greater than 50% quartz.

The samples collected in Drift 4 were number 60678 to 60817 and 60851 to 60857 (Appendices E and F, Figures 24 and 25). As with Drift 3 gold values >1000 ppb Au and silver values >10 ppm Ag were fire assayed resulting in 24 gold and 30 silver assays. The gold fire assays ranged from 0.059 oz Au/ton (2.36 gm/tonne) to 1.686 oz Au/ton (57.79 gm/tonne) with 12 samples greater than 0.10 oz Au/ton (3.4 gm/tonne) and 2 greater than 1.0 oz Au/ton (34.28 gm/tonne). Silver fire assays ranged from 0.29 oz Ag/ton (9.9 gm/tonne) to 110.54 oz Ag/ton (3789.3 gm/tonne) with 5 samples greater than 5 oz Ag/ton (171.4 gm/tonne)and 3 greater than 20 oz Ag/ton (685.6 gm/tonne). Of the 24 gold fire assays 17 were found to occur when the samples contained greater than 50% quartz and for silver 15 of 30 samples.

In all three drifts elevated ICP values in copper lead arsenic, antimony and zinc are associated with elevated gold

and silver values. Lead values range from 18 ppm up to 5.5%, zinc from 25 ppm to 3.7%, copper from 9ppm to 0.82 %, arsenic 1 ppm to 707 ppm and antimony 1ppm to 6207 ppm or 0.62%. The antimony values suggest that the tetrahedrite-tennantite solution series tends towards the tetrahedrite. Visually the ICP results do not suggest any pathfinder elements for gold and silver.

3.3 Diamond Drill Core Geochemistry

To date 95 drill core samples from 8 holes have been analyzed. In these samples elevated gold and silver values have occurred at various levels. Elevated values have been noted in Diamond Drill Holes 2, 3, 5, 6, and 7 (Table 2; Figure 10; Diamond Drill Logs, Appendix B; Geochemical results, Appendix G). The targeted mineralized zone in DDH 1 is known to have been eroded away and is reflected in the low geochemical values sample numbers 16001 to 16006 (Appendix G).

For all the diamond drill holes the arsenic, copper, lead, antimony and zinc have been generally low. High values that do occur are associated with elevated gold and silver values.

3.4 Geochemistry Summary and Discussion

The soil geochemistry emphasizes the occurrence of east-west anomalous zones that crosscut the northerly striking and easterly dipping bedding. It also emphasizes the influence of overburden on the geochemical results, giving rise to point anomalies and higher values on and near rock exposures. This suggest that the overburden is covering significant anomalous trends and sources. Furthermore, the occurrence of carbonate precipitate may

TABLE 2

DIAMOND DRILL CORE GEOCHEMISTRY

DDH No.	Sample No.	Depth	Width	Gold	Silver
		m.	m.	ppb.	ppm.
2	16014	34.96-35.79	0.83	135	2.4
	16015	35.79-37.37	1.58	157	1.9
	16016	37.10-38.00	0.90	69	2.5
	16017	38.00-38.51	0.51	10	2.9
3	16027	28.75-30.00	1.25	6	2.5
	16028	30.00-30.93	0.93	3	2.7
	16029	30.93-31.85	0.92	2	2.4
	16030	31.85-33.00	1.15	91	3.4
	16031	33.00-33.45	0.45	288	3.4
	16032	33.45-33.85	0.45	27	3.9
	16033	33.85-34.40	0.55	210	3.2
	16034	34.40-35.05	0.65	60	2.9
	16035	35.05-36.20	1.15	22	2.6
4	16038	38.05-39.65	1.60	20	3.1
	16039	39.65-40.43	0.78	16	2.8
	16041	41.30-42.30	1.00	8	2.4
	16042	42.30-42.98	0.68	71	2.9
	16044	43.89-44.68	0.79	81	2.6
	16045	44.68-45.70	1.02	39	3.8
	16046	45.70-46.75	1.05	5	2.9
	16048	56.25-57.75	1.50	3	2.8
5	16053	57.00-57.75	2.40	1	3.7
6	16080	77.90-79.00	1.10	165	1.8
	16082	80.15-81.00	0.85	165	0.8
	16083	81.00-81.35	0.35	2600*	7.7
7	16110	80.34-80.70	0.36	20	1.2

*(0.082 oz/ton
2.82 gm/tonne)

influence the precipitation of silver, copper, zinc and lead leading to a transported anomaly.

These east-west anomalous zones and point anomalies indicate potential exploration targets in the northwest quadrant of the soil grid and on the Western Claim line and the top part of the Eastern Claim line.

Follow up prospecting on the western claim boundary found an old adit on a 0.6 metre visible quartz vein. When chip sampled (RF88SD100), the fire assay of the vein material returned 0.105 oz Au/ton (3.60 gm Au/tonne) (Appendix H). This sample also gave 60.0 ppm Ag (ICP equivalent 1.75 oz Ag/ton, 60 gm Ag/tonne) and 1629 ppm As. A grab sample of limonite quartz float in the same area gave 960 ppb Au, 2.1ppm Ag, 504 ppm As and 411 ppm Pb (RF88SD103, Appendix H).

Underground rock geochemistry shows the existence of and potential for gold and silver mineralization in the major shear zone in the quartz veining, hanging wall and footwall. Drift 1 geochemical results indicate a down dip extension of the mineralization mined in Drift 3. The results from Drift 3 show the existence of significant gold and silver values over minable widths along 46.5 metres of the right rib of the drift. This zone provides the foundation upon which ore reserves can be developed. Drift 4 results suggest the occurrence of more than one shear/vein carrying significant gold and silver values. Furthermore, the significant gold value, 60811, (0.118 oz Au/tonne, 4.05 gm/tonne) at the end of Drift 4 indicates the potential for finding minable ore reserves along the strike of the shear/vein.

4.0 GEOPHYSICS

Geophysical surveys performed were a Very Low Frequency (VLF) electromagnetic survey and a total field magnetic survey over a cut grid. The control grid has an east-west baseline and north-south survey lines at 50 and 100 metre spacings and a station interval of 12.5 metres. In all 18 line kilometres were surveyed.

4.1 VLF-EM Survey

The Seattle, Washington VLF transmitter station which has an operating frequency of 24.8 khz was utilized. Its signal is closest to perpendicular to the geologic strike and to the mined vein(s) on the property. The geometry allows the maximum induction of the transmitter signal.

Two main conductors are apparent from the VLF survey.

Conductor A is an undulating, roughly linear, east-west trending conductor that occurs toward the south ends of the grid lines at L150W-150S, L100W-162S, L050W-147S, L000-175S, L050E-162S, L100E-187S, L150E-200S, L200E-212S and L250E-225S (Figure 26). There was concern that the nearby railway may have an influence on the VLF response at these locations. As a test, lines 200E and 100W were extended across the rail line. It was shown that the rail line's VLF response is negligible at distances over 20 metres away, thus, Conductor A is not affected by the rail line and likely represents a lithologic contrast.

The in-phase VLF curves on Conductor A are rather flat, showing low conductivity contrast. The out-of-phase curves are flat as well, with low values (-4 to -14) again showing low conductivity contrast. Thus Conductor A appears to be rather weak.

A second conductor, Conductor B, occurs at locations L100E-94S, L100E-107S and L150E-87S, Figure 25. The inphase curves have a large amplitude showing a strong conductivity contrast, while the out-of-phase curves are moderately flat showing an intermediate conductivity contrast. Conductor B has a much lower resistivity than Conductor A and as such is a more promising exploration target.

On line 100E two separate inphase crossovers occur at 94S and 107S, showing two separate parallel conductors crossing line 100E at these locations. The more northerly conductor continues to line 150E at 87S. The southerly conductor of the pair does not readily appear on line 150E, but it may be masked due to being close to the first conductor. If this is the case it would lie under the inflection point of the inphase curve, at about 92S. The line to line correlation of the VLF curves would support the existence of the second conductor at 150E-92S and possibly to L200E-90S.

4.2 Magnetic Survey

The magnetic values obtained during the survey were from about 56,500 to 57,500 gammas. A base level of 56,500 gammas was chosen to give positive values between zero and 1000. Diurnal variations were linearly corrected to a base reading using the standard looping method.

The magnetics data over the survey area is rather complex, with few linear features apparent. A number of high and low value regions are apparent that are roughly lenticular in shape. Three areas having values of 1000 gammas or greater are at L400W-50S, L50W-212N and L500E-250N. Areas of magnetic values below 500 gammas are at

L000-250N, L050E-187N, L150E-250N and L400E-200N (Figure 27).

The region containing the Lucky Boy Mine underground workings has moderate magnetic values of about 700 gammas.

4.3 Summary and Discussion:

From the VLF survey it is possible to interpret the conductor pair as representing additional vein structures similar to the vein(s) seen in the Lucky Boy Mine.

The Magnetic survey suggests that areas that have possible alteration, as marked by closely spaced strong high and low magnetic values, occur at L50E-212N extending north-northwest to L000-237N, and at L600E-225N to L500E-225N.

5.0 SUMMARY AND CONCLUSIONS

5.1 Summary

1. There are three locations on the Silver Dollar Property which contain precious metals in shear zones.
   Silver Dollar Mine; Ag, Pb, Zn
   Lucky Boy Mine; Au, Ag, Pb, Zn, Cu
   Claim Line West Showing: Au, Ag (Figure 28a).

2. Underground rock sampling and geological mapping of the Lucky Boy Mine confirm the reported mine grades and the existence of in situ precious metal bearing quartz vein material in a shear zone (Figure 28b).

3. Diamond drilling has proven the continuity and existence of the shearing around the Lucky Boy Mine.

4. Soil geochemistry and the geophysical surveys have indicated targets for detailed investigation (Claim Line East, northwest quadrant of the grid) and provided incentives to do more soil sampling and geophysics (to the north and west of the existing grid) (Figure 28a).

5.2 Conclusions

1. There exists an extensive hydrothermal system or systems as indicated by the occurrence of three precious metal showings over a lateral distance of 2600 metres.

2. The known system is still open both up and down dip and along strike to the north.

3. Within this system or systems there is potential for economical ore shoots as proven by the recorded grades and tonnages extracted from the Lucky Boy Mine (1,626 ounces of gold and 58,390 ounces of silver from 6,174 tons of ore) (Kenway, 1983; Lennan, 1988).

4. The potential for vertical as well as horizontal ore shoots exists as a possible model for the shearing/hydrothermal system is one where the shearing may be stepped or associated with kinking with dilatant zones occurring just before or just after the step/kink.

6.0 RECOMMENDATIONS

With the results from the Phase 1 program in hand and tentatively having developed a model of the genesis of the mineralized zones, the following program is recommended:

1. Prospecting
   - the whole Silver Dollar Property specifically to locate adits/drifts, shear zones and quartz veining;
   - follow up any significant soil geochemical values.

2. Geological Mapping
   - continue mapping the grid area;
   - map the area above the grid to the break in slope;
   - map the area between the Lucky Boy workings and the gold anomaly on CL W at station 1525S.

3. Geochemical Soil Sampling
   - extend the northwest quadrant of the grid to the north and west;
   - sample lines and stations at 50; metre and 25 metres respectively
   - Au, Ag, Pb, Cu, As, Sb (Figure 28a).

4. Trenching
   - the shear/quartz vein showing on CL W;
   - trench at 50 metre spacings to trace the shear zone eastwards (Figure 28a);
   - channel sample the hanging wall, shear/quartz vein and footwall.

5. Drilling
   - drill 15, 50 foot (15 metre) holes to test the breadth of the CL W showing - light drill (Winkie) - sample core (Figure 28a).
   - diamond drilling at least 10, 180 foot (54 metre) holes in the area between DDH's 4, 5, 6 and Drift 3's right rib-sample the drill core (Figure 28b)

6. Channel Sample the accessible Silver Dollar Mine workings
   - Au, Ag, Pb, Cu, As, Sb (Figure 28a).

7. BIBLIOGRAPHY

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Little, H.W., 1960. "Nelson Map-Area, West Half, British Columbia (82F W1/2)". Geological Survey of Canada, Memoir 308. 205pp.

- ,1986. "Geological Notes, Nelson West Half (82F, W1/2) Map Area". Geological Survey of Canada, Open File (O.F.) 1195. 47pp.

STATEMENT OF QUALIFICATIONS

I, Reginald L. Faulkner of #102 - 1255 West 12th Avenue, Vancouver, British Columbia hereby certify that:

1. I am an exploration geologist and a graduate of the University of British Columbia, with a B.Sc. in Physical Geography/Geology in 1974 with additional course work in Geology in 1977-79 and 1982-83.

2. I obtained a M.A.Sc. from the University of British Columbia in Mining and Mineral Process Engineering in 1988, emphasizing mineral economics.

3. I am a Fellow of the Geological Association of Canada.

4. I have practiced as a geologist since 1979 for companies, including RIOCANEX, Vancouver, B.C.; Denison Mines Limited, Vancouver, B.C., Duval International Corporation, Vancouver B.C.; Trigg, Woollett, Olsen Consulting Limited, Edmonton, Alberta; Terra Mines Limited, Edmonton, Alberta, and Fairbank Engineering Limited, Vancouver, B.C.

5. The details of this report are based on work done by Fairbank Engineering from May 14 to October 7, 1988.

Reginald L. Faulkner, B.Sc. M.A.Sc.

February 1989

COST STATEMENT

LINE CUTTING

Labour

A.Pratt	12	days @ $240/day	2880.00	
T.Holgate	18.75	days @ $178/day	3337.50	
M.Lich	7.25	days @ $168/day	1218.00	
S.Ayling	10.25	days @ $200/day	2050.00	
			$9485.50	9485.50

Room and Board

48.5 days @ $55/day	2653.75

Transport

Airfares, truck rental, fuel	1062.31

Equipment, Field Supplies

Chainsaw 2 weeks @ $110/week	220.00
Flagging, lath, paint, office supplies	289.78
Small tools, bush hooks, machettes, etc.	140.51
Communications and freight	103.86
SUB-TOTAL	**$13955.71**

SOIL SAMPLING;

Labour

T. Holgate	11.5	days @ $178/day	2047.00	
M. Lich	7.0	days @ $168/day	1176.00	
S. Ayling	5.0	days @ $200/day	1000.00	
J. Davis	3.0	days @ $275/day	825.00	
			$5048.00	5048.00

Room and Board

26.5 days @ $55/day	1457.50

Transport

Truck rental and fuel	777.56

Equipment and Field Supplies

Sample envelopes	646 @ $16.56/100	114.01	
Communications and freight		338.07	
Office supplies, maps, reproductions, etc.		216.47	
		$668.55	668.55

Office Support (Drafting, Typing)

B. MacDougal	26.5	hrs @ $25/hr	662.50	
	17.0	hrs @ $32/hr	544.00	
J. Collins	2.0	hrs @ $30/hr	60.00	
			$1266.50	1266.50

Geochemistry

646 samples Ag, Cu, Pb, Zn	@ $5.50/sample	3553.00	
646 samples Au wet	@ $4.75/sample	3068.50	
646 samples preparation	@ $1.00/sample	646.00	
		$7267.50	7267.50

Disbursements 700.97

SUB-TOTAL **$17186.58**

GEOPHYSICS

Labour

J. Davis 19.5 days @ $275/day 5362.50

Room and Board

19.5 days @ $55/day 1072.50

Transport

Airfare J. Davis Castlegar to Vancouver 163.70

Equipment, Field Supplies

Geonics EM-16	3 wks @ min. $220/wk	660.00	
Geometrics Proton Mag	3 wks @ min. $220/wk	660.00	
Batteries		3.93	
		$1323.93	1323.93

Office Support

S. Ayling	5.5	hrs	@ $25/hr	143.75	
J. Collins	1.0	hr	@ $30/hr	30.00	
				$173.75	173.93
			SUB-TOTAL		**$8096.38**

GEOLOGY

Labour

D. Chromec	24.5	days	@ $294/day	7203.00	
B. Fairbank	56.5	hrs	@ $60/hr	3390.00	
	1.0	day	@ $420/day	420.00	
R. Faulkner	10.0	days	@ $325/day	3250.00	
				$14263.00	14263.00

Room and Board

42.5 days @ $55/day 2337.50

Transport

Truck rental		606.60	
Airfare	D. Chromec Castlegar - Van	163.70	
	R. Faulkner Van - Castlegar	143.70	
		$914.00	914.00

Geochemistry

4 samples Ag,Cu,Pb,Zn,As,Hg	@ $5.00/spl	20.00	
4 samples Au fire	@ $7.25/spl	29.00	
4 samples preparation	@ $3.75/spl	13.00	
1 sample Assay Au	@ $8.50/spl	8.50	
		$70.50	70.50

Equipment and Field Supplies

Maps and airphotos 75.76

Office Support

J. Collins	4.0 hrs @ $30/hr	120.00	
B. MacDougal	1.0 hr @ $32/hr	32.00	
		$152.00	152.00
		SUB-TOTAL	**$17812.76**

UNDERGROUND REHABILITATION: LUCKY BOY MINE

Contractor

VICORE Mining Developments Ltd.	13520.96	

Equipment

Backhoe machine	4.0 hrs @ $35/hr	140.00	
operater	1.0 day @ $200/day	200.00	
		$13860.96	13860.96
Disbursement 10%			1386.10
		SUB-TOTAL	**$15247.06**

U/G GEOLOGY, SAMPLING: LUCKY BOY MINE

Labour

R. Faulkner	32.0 days @ $325/day	10400.00	
K. Kornum	12.5 days @ $200/day	2500.00	
S. Ayling	15.0 days @ $200/day	3000.00	
		$15900.00	15900.00

Room and Board

47 days @ $55/day		2585.00

Transport

Truck rental		904.80	
Airfare R. Faulkner	Van - Cast - Van	245.10	
S. Ayling	Castlegar - Van	153.70	
		$1303.60	1303.60

Equipment and Field Supplies

U/G Lamps	3.71 wks @ min. $75/wk	300.00	
Transit		200.00	
Plastic bags, tape, light bulbs, spray paint etc.		604.91	
Communications and freight		1012.41	
Reproductions		649.45	
		$2766.77	2766.77

Geochemistry: Rock Chip Samples

7 samples 12 element trace ICP	@ $6.00/spl	42.00	
424 samples Ag,Cu,Pb,Zn	@ $5.50/spl	2332.00	
65 samples Au wet	@ $4.75/spl	308.75	
359 samples Au fire	@ $7.25/spl	2602.75	
424 samples preparation	@ $3.75/spl	1590.00	
132 samples Au assay	@ $8.50/spl	1122.00	
102 samples Ag assay	@ $6.50/spl	663.00	
		$8660.50	8660.50

Petrography: Vancouver Petrographics 428.00

Office Support (Drafting, Typing)

B. MacDougal	50.5 hrs @ $32/hr	1616.00	
J. Collins	1.0 hrs @ $30/hr	30.00	
		$1646.00	1646.00

Disbursement 836.18

SUB-TOTAL **$34126.05**

DIAMOND DRILL ROAD

Labour

R.Faulkner	3 days @ $325/day	975.00	
S.Ayling	2 days @ $200/day	400.00	
		$1375.00	1375.00

Room and Board

5 days @ $55/day 275.00

Equipment			
Transit			50.00
Contractor: Custom Dozing, Salmo, B.C.			3689.67
Disbursement 5%			184.48
		SUB-TOTAL	**$5574.15**
DIAMOND DRILLING			
Labour			
D. Chromec	27 days @ $294/day	7938.00	
S. Courte	14 days @ $232/day	3248.00	
P. Orris	10.75 hrs @ $22/hr	236.50	
		$11422.50	11422.50
Room and Board			
41 days @ $55/day			2585.00
Transportation			
Truck rental and fuel		1081.82	
Airfares D. Chromec Van - Cast - Van		283.40	
S. Courte Van - Cast - Van		283.40	
		$1648.62	1648.62
Contractor			
Bergeron Drilling, Greenwood, B.C.			33968.75
Equipment and Field Supplies			
Core Splitter 14 days @ $5.00/day		70.00	
Plastic bags, office supplies, splitting table, tarp etc.		402.57	
Communications and freight		423.94	
Reproductions		271.32	
		$1167.83	1167.83

Geochemistry: Core Samples

95 samples 6 element ICP	@ $5.00	475.00	
95 samples Au fire	@ $7.25	688.75	
95 samples preparation	@ $3.75	356.25	
1 Au assay	@ $8.50	8.50	
		$1528.50	1528.50

Office Support (Drafting)

B. MacDougal	58.5 hrs @ $32/hr		1872.00
Disbursements			4477.45
	SUB-TOTAL		**$58670.65**

REPORT

Labour

R. Faulkner	32.13 days	@ $325/day	10440.63	
D. Chromec	10.5 days	@ $294/day	3087.00	
B. Fairbank	2.5 days	@ $460/day	1150.00	
J. Collins	48 hrs	@ $30/hr	1380.00	
B. MacDougal	80 hrs	@ $32/hr	2560.00	
			$18617.63	18617.63
Reproductions				342.52
		SUB-TOTAL		**$18960.15**

PROGRAM TOTAL: **$189629.49**

APPENDIX A

PETROGRAPHIC EXAMINATIONS

Vancouver Petrographics Ltd.

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Report for: Reg. Faulkner,
Fairbank Engineering,
1201-675 West Hastings St.,
Vancouver, B.C.
V6B 1N2

Invoice 7503

August 15th, 1988

Samples:

4 rock samples for sectioning and petrographic examination.

Samples are numbered RF1-1, RF1-2, RF3-1 and RF4-1. RF1-2 is unmineralized wall rock and was prepared as a standard thin section; the remainder were prepared as polished thin sections.

Summary:

Samples RF1-1 and RF4-1 are of similar type, being strongly recrystallized, granulated vein quartz, mineralized with threads and pockets of sulfides. The predominant sulfide is tetrahedrite, with accessory pyrite. Galena and sphalerite are also common in RF4-1. The style of mineralization is fine-grained, with intimate sulfide/gangue and sulfide/sulfide intergrowths. No gold was found in either of these samples, but native Ag is a notable constituent in RF4-1.

Sample RF3-1 is a different style of mineralization, consisting of semi-massive pyrite permeated by a network of hairline veinlets of galena and quartz. Electrum occurs as tiny specks associated with the veinlets.

Sample RF1-2 is a carbonate and quartz-rich rock of uncertain origin. It shows remnant textures suggestive of volcanic/ pyroclastic affinities.

Individual petrographic descriptions are attached, together with a set of illustrative photomicrographs.

J.F. Harris Ph.D.

PHOTOMICROGRAPHS

All photos are by reflected light at a scale of 1cm = 42 microns

Sample RF3-1

Neg. 129-5: Cream-coloured matrix is pyrite. Black is intergranular and veniform quartz. Occasional tiny threads and pockets of galena can also be seen (bluish-grey: e.g. upper left centre. Bright yellow specks are electrum, as grains 5 - 25 microns in size. Electrum occurs on contact of quartz areas, within quartz and as tiny inclusions within pyrite.

Neg. 129-6: Example of coarser electrum (50 micron grains) associated with composite veinlets of galena (blue grey) chalcopyrite (brownish yellow) and sphalerite (dark grey) in pyrite matrix (buff colour).

Neg. 129-7: Similar to 129-6 but veinlets here are galena (blue-grey) and quartz (black). Note occurrence of electrum (bright yellow) as small segments (5 - 70 microns) in the galena-filled micro-fracture network.

Sample RF4-1

Neg. 129-8: Upper left half of field is pocket of tetrahedrite (olive grey) with emulsion-form inclusions of galena (light grey) and rare specks of sphalerite (darker, bluish grey). Bottom right half of field shows quartz matrix (dark grey) pervaded by tiny inclusions of tetrahedrite and sphalerite. Small clusters of cubic grains are pyrite. Native silver (bright white and tarnished creamy coloured, irregular grains) at contact of tetrahedrite pocket and quartz area.

Neg. 129-10: Shows complex permeation of quartz matrix (black) by tetrahedrite (olive grey). Small grains of native silver (bright white) at tetrahedrite/quartz contact.

Sample RF1-1

Estimated mode

Quartz	98
Sericite	trace
Tetrahedrite	1
Pyrite	1
Chalcopyrite	trace
Galena	trace

This sample is quartz, of probable vein type, weakly mineralized with threads and specks of sulfides.

The quartz matrix is strongly recrystallized and deformed. Remnants of an anhedral granular texture, on the scale 1 - 4mm, are recognizable, but this is extensively modified by abundant irregular zones of granulation and networks of fracturing. Strong, shadowy strain polarization is developed throughout.

The only accessory gangue constituent is sericite, as rare wisps in some of the sinuous fracture zones.

The mineralization consists of fine-grained network threads and interconnected pockets, in the grain size range 0.02 - 0.5mm. Tetrahedrite and pyrite are the commonest constituents.

The tetrahedrite forms irregular threads and pockets as described. It is generally homogenous, but occasionally has minute inclusions of chalcopyrite. The pyrite forms clusters of tiny euhedra, 0.01 - 0.2mm in size, sometimes intergrown with the tetrahedrite and sometimes segregated from it. The pyrite occasionally contains minute inclusions of galena.

Chalcopyrite is the next commonest sulfide, and mainly forms individual specks and pockets independent of the other sulfides; it is often strongly tarnished.

Galena also forms rare pockets, and one or two minute grains of sphalerite were seen.

No gold was seen.

The mineralization is clearly controlled by sinuous microfracturing in the quartz. The sulfide paragenesis appears to be earliest pyrite followed by tetrahedrite and chalcopyrite, which are sometimes seen enveloping and intergranularly cementing the pyrite.

Sample RF1-2

Estimated mode

Carbonate	52
Quartz	27
Plagioclase	10
Sericite	9
Chlorite	2
Rutile	trace
Opaques	trace

This is a strongly altered rock of debatable origin.

The slide includes two distinctive variants in simple, apparently gradational, contact.

One end of the slide is composed predominantly of fine-grained, micritic carbonate (non-reactive to dilute acid and presumably dolomite or ankerite). This forms a matrix to diffuse wisps and clusters of remnant(?) felsitic plagioclase, and tiny, individual, sub-oriented flakes of sericite, 20 - 100 microns in size. Rare flecks of quartz and patches of probable chlorite are also seen.

a patchy, crypto-fragmental fabric is tentatively distinguishable, in terms of the distribution of clumps of slightly coarser carbonate and patches of felsite (remnant phenocrysts?). The mica flakes show a local sub-parallelism which sometimes resembles a remnant, contorted, flow-banded or pumiceous fabric.

This unit could be an altered glassy volcanic or pyroclastic, or a dolomitic tuff.

The other end of the slide is distinguished by an abundance of quartz. This forms varigranular, strained/recrystallized patches - often elongate to blocky in form and 1 - 10mm in size. These are set in a matrix of micritic carbonate with occasional wisps of fine-grained sericite. The carbonate sometimes shows diffuse, marginal, intergranular permeation of the quartz masses.

The quartz segregations - which may occasionally incorporate a little intergrown felsitic plagioclase - give the impression of silicified phenocrysts in a sheared, altered porphyry, or fragments in a tuff. They could also be disrupted veinlets or chert segregations in an exhalative(?) chemical sediment or cherty dolomitic tuff.

Sample RF3-1

Estimated mode

Quartz	50
Carbonate	trace
Pyrite	45
Galena	5
Chalcopyrite	trace
Tetrahedrite	trace
Sphalerite	trace
Electrum	trace

The gangue in this sample is identical to RF1-1, being essentially monomineralic quartz, strongly strained and recrystallized and with irregular zones of granulation.

This sample is strongly mineralized and much of it consists of compact pyrite.

The pyrite is minutely fractured and is pervaded by a network of threadlike veinlets filled with quartz and/or galena. Rare, tiny pockets of a brown carbonate form occasional segments of these veinlets. Sphalerite and chalcopyrite are also occasionally part of the veinlet assemblage.

Galena forms some substantial segregations, to 1 or 2mm in size, at the periphery of the main pyrite masses. These locally contain abundant minute inclusions of pyrite. Galena also forms some irregular, fine-grained, dendritic permeations of the quartz gangue.

Sphalerite, tetrahedrite and chalcopyrite occur as rare traces associated with the galena.

Electrum is seen relatively abundantly, as specks and threads of grain size 2 - 70 microns, within the hairline fractures. Less commonly, the electrum occurs as minute specks in compact, unfractured pyrite, or in quartz pockets within pyrite.

Quartz and pyrite are probably largely contemporaneous, with late-stage quartz, galena, the trace sulfides and electrum as a subsequent stage, healing fractures in pyrite.

Sample RF4-1

Estimated mode

Quartz	85
Tetrahedrite	8
Galena	3
Pyrite	2
Sphalerite	2
Arsenopyrite	trace
Chalcopyrite	trace
Native Ag	trace

This sample is of similar type to RF1-1. The gangue is strongly strained, partially recrystallized, vein-type quartz, and the mineralization is an intimate permeation of interconnected pockets and thread-like networks - partially following zones of granulation in the quartz matrix.

Sulfides are more abundant than in the first sample, and the mineralogical proportions are slightly different. In part, the sulfide components show intimate, fine-grained intergrowths.

Tetrahedrite is the predominant sulfide. It ranges from tiny specks and threads of 2 - 20 microns in compact quartz, up to small pockets of 0.5mm.

Many of the larger sulfide pockets (to 2.0mm) are multi-component intergrowths, on the scale 0.02 - 0.2mm, in which tetrahedrite or galena form matrices to more or less abundant, emulsion-type bodies of each other and/or sphalerite. Pyrite, as clusters of minute euhedra, and gangue, are sometimes additional components in these intergrowths.

Sphalerite and galena occasionally form small segregations in their own right, as does pyrite - in the form of elongate clusters of tiny cubes, sometimes with intergrown, minute euhedra of arsenopyrite.

Chalcopyrite forms rare concentrations of tiny specks in gangue, or is seen as inclusions in tetrahedrite.

Native silver is a prominent - though minor - component. It occurs as individual, irregular-shaped grains, 10 - 150 microns in size, as inclusions in the major sulfides. Tetrahedrite is the commonest host, but the native silver is also seen in sphalerite and galena. It often occurs on the contact of inclusions of one sulfide in another, or of gangue inclusions in sulfides, or within quartz at the contact with sulfides.

APPENDIX B

DIAMOND DRILL LOGS

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PROPERTY SILVER DOLLAR / LUCKY BOY

HOLE No. DDH-88-01

DIP TEST		
	Angle	
Footage	Reading	Corrected

Grid Location: 102.49S/152.4E Bearing: Total Depth: 39.01 m

Date Started: 07/16/88 Elev. Collar: 122.21 Logged By: D. CHROMES

Date Finished: 07/17/88 Collar Dip: -90° Core Size: N.Q

NTS:

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE				
	18.29		Overburden								
18.29	39.7	95%	GREYWACKE and ARGILLITE.								
			The unit is comprised of medium grey greywacke equiproportionally interbedded with dark grey to black argillite. The greywacke is competant, massive in appearance, comprised of fine to medium sized, poorly to moderately sorted, sub-rounded grains. It is intermittently calcareous throughout. Variable proportions of rhythmically interbedded/banded argillite occur throughout. Individual argillite bed/band average 3.0 cm. in width. The unit has undergone soft sediment deformation, microfolding and microfaulting. Weak to occasionally moderate carbonate micro-veining/fracturing is variably oriented, averaging < 1.0 mm in width throughout. Occasionally contorted to segmented, the bedding is largely undulating,								

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PROPERTY

HOLE No. DDH-88-01

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE	Au ppb		Ag ppm	
			approximating the following attitudes:								
			11° to c.a. @ 20.03 m								
			15 to c.a. @ 22.4 m								
			8 to c.a. @ 28.3 m								
			16 to c.a. @ 30.0 m								
			18 to c.a. @ 36.9 m ?								
			2-3% FeS (Py >> Po): Sulfides occur as clots and finely disseminated grains throughout. The proportion of Py clots decreases downhole. Sulfides also occur as fine laminations and coatings along fracture/microfracture planes. Both Py and Po show affinity toward carbonate veining.								
			18.29 - 18.63: Blocky, broken and rubbly core.	16001	18.29	18.85	0.56 m	24		1.2	
			18.63 - 18.3 & 19.5 - 19.85: Light grey, tuffaceous beds hosting 5% Py as clots and coarse grains.	16002	18.85	20.15	1.30 m	18		0.9	
			@ 19.05 & @ 19.45: Milky white qtz. feld. por. stringers 0.2 cm wide, oriented at 74° to c.a. with 5% clotty py at contacts.								

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PROPERTY _____ HOLE No. DDH-88-01

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE	Au ppb		Ag ppm	
			21.0 - 21.6: Blocky, weakly brecciated and carbonate microveined / microfractured section.	16003	21.0	22.2	1.2 m	2		0.8	
			24.0 - 24.15: Strongly brecciated, carbonate microveined / microfractured with iron oxide coated fracture planes.	16004	23.9	24.35	0.45m	3		0.3	
			24.3 - 27.45: Homogeneous, non-calcareous greywacke.								
			23.65 - 29.35: Bedding contacts are oriented sub-parallel to c.a.								
			31.5 - 31.9: Blocky and broken core with 0.3cm wide FAULT GOUGE	16005	31.5	32.0	0.5m	4		1.3	
			@ 33.35: Two Py blebs averaging 1.2 cm in length are elongate sub parallel to bedding.	16006	33.0	34.15	1.15m	2		0.7	
			@ 34.06: A 0.2cm wide carbonate stringer with Po bearing, graphitic contacts.								
37.7	39.01 EOH	15%	INTERMEDIATE CRYSTAL TUFF and GREYWACKE. Brownish to medium grey in colour, the								

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PROPERTY _____ HOLE No. DDH 88-01

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE				
			unit is comprised of intermixed intermediate crystal tuff, greywacke and minor ash / silt. Sub rounded off white feldspar and green (possibly chloritized pyroxene) phenocrysts occur sporadically throughout the unit is competant and massive in appearance. 1-2% FeS (Py ≥ Po); sulfides occur as finely disseminated grains and clots.								

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PROPERTY SILVER DOLLAR

HOLE No. DDH-88-02

DIP TEST		
	Angle	
Footage	Reading	Corrected

Grid Location: 46.593/119.34E
Bearing: 6210 WEST
Total Depth: 55.17 m
Date Started: 18/07/88
Elev. Collar: 149.55 m wrt 1P#1
Logged By: D. CHBOMEC
Date Finished: 19/07/88
Collar Dip: -45°
Core Size: N.Q.
N.T.S.: 82F3

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE
	9.14		CASING				
	9.35		OVERBURDEN: White granite and greywacke bldrs.				
9.35	13.35	85%	GREYWACKE and ARGILLITE: Medium grey greywacke, interbedded with dark grey to black, laminated and rhythmically banded argillite and, infrequently intermixed / interbedded with medium grey siltstone (volcanic ash?). The greywacke beds, averaging less than 6.0 cm. in width are massive and occasionally calcareous. The unit is weakly carbonate veined, microveined and microfractured. It has undergone soft sediment deformation, weak microfolding and microfaulting with minor (< 0.5 cm) displacement transecting bedding at variable orientations. Mildly undulating bedding contacts steepen from 67° to c.a at the top of the interval to 75° to c.a. at the lower contact.				

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PROPERTY

HOLE No. SD-88-02

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE	Au ppb		Ag ppm
			1-2% Py occurs as hairline laminations, finely disseminated grains and rare clots.							
			9.14-13.35: Occasional iron oxide coated fracture planes preferentially oriented sub parallel to bedding and, 8-15° to c.a.							
13.35	14.33	85%	CRYSTAL TUFF and GREYWACKE. Medium brown in colour, medium grained hosting a patchy distribution of white feldspar +/- carbonate, clotty phenocrysts. Comprised of interlocking grains, the unit is massive in appearance.	16007	13.35	14.33	0.98 m	3		0.1
14.33	29.0	95%	GREYWACKE and ARGILLITE. (Same as 9.35-13.35 mm.) The interval is largely comprised of argillite, with several predominant greywacke beds up to 10.0 cm wide occurring between 18.61 m to 19.52 m. Bedding approximates 33° and 69° to the c.a of 17.4 and 25.7 m respectively.	16008	24.91	26.22	1.31 m	10		0.3
			23.40 to 29.0 : weakly brecciated, moderately carbonate veined, microveined and micro-							

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PROPERTY _____ HOLE No. SD-88-02

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE	Au ppb		Ag ppm	
			Fractured.								
29.0	31.4	95%	FELSIC TUFF and GREYWACKE:								
			Light to creamy grey, muscovite bearing fine grained felsic tuff/ash intermixed and vaguely interbedded with medium grey greywacke and minor argillite	16009	29.06	31.14	2.08m	2		1.3	
			29.06-30.0: Moderately brecciated, mixed argillite and tuff hosting 2-3% Py as clots.								
			30.4-31.1: Tuff bed								
31.4	35.7	85%	GREYWACKE & ARGILLITE (same as 9.35 to 13.35m): Moderately carbonate veined/microveined and weakly brecciated. The greywacke is uniformly and moderately calcareous. 2-3% Py over the interval.								
			@ 31.63: A 1.0 cm wide, minor fault GOUGE	16010	31.14	32.31	1.17m	4		0.4	
			32.2-32.85: Blocky core with a 2 cm. wide fault gouge oriented at 49° to c.a.	16011	32.31	33.42	1.11m	5		1.0	

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PROPERTY _____ HOLE No. SD-88-02

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE	Au ppb		Ag ppm	
			at 32.73m.								
			32.85-33.45: Strongly brecciated and veined with milky white qtz-feldspar stringers, clots and blebs, hosting 4% clotty Py.								
			33.55-33.97: Major FAULT gouge.	16012	33.42	34.09	0.67m	2		1.2	
35.7	38.5	70%	MINERALIZED ZONE: Largely comprised of a sugary white, barren QUARTZ VEIN. The QV is occasionally iron oxide stained, hosting minor, FeS mineralized, wall rock inclusions and sheared laminations. Py laminations/bands are extremely rare. Occasional microfractures are commonly carbonate coated. 3-4% Py occurs as finely disseminated grains, laminations, fracture plane coatings and clots, showing extreme affinity toward wall rock and wall rock inclusions.	16013	34.09	34.96	0.87m	7		1.5	
				16014	34.96	35.79	0.83m	135		2.4	
			36.62-36.98: Weakly quartz veined greywacke with the upper and lower contacts oriented at 41° to c.a. and	16015	35.79	37.37	1.85m	157		1.9	

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PROPERTY _____ HOLE No. SD-88-02

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE	Au ppb		Ag ppm	
			and 32° to c.a. orientation respectively. 3-4% Py occurs largely as finely disseminated grains and laminations.								
			37.10 - 37.50 : Shear banded greywacke, argillite ± graphite and carbonate solutions hosting 8-10% Py as laminations and finely disseminated grains.								
			37.6 - 38.0 : QUARTZ FELDSPAR PORPHYRY. Greenish grey in colour, massive in appearance, fine to medium grained hosting clotty feldspar and lesser quartz phenocrysts up to 0.25 cm wide. The unit becomes blocky and broken toward the lower contact. 2-3% Py > Po over the interval occurrs as finely disseminated grains.	16016	37.1	38.0	0.9 m	69		2.5	
			38.0 - 38.5 : probable FAULT ; broken and rubbly quartz and wall rock.	16017	38.0	38.51	0.51m	10		2.9	
38.5	41.76	90%	GREYWACKE and ARGILLITE : (same as 9.35 - 13.35 m); Moderately carbonate veined/ microveined and weakly brecciated, hosting 4-5% Py as clots, subhedral grains up to								

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PROPERTY _____ HOLE No. SD-88-02

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE	Au ppb		Ag ppm	
			0.2cm. wide and lesser finely disseminated grains								
			38.5 - 39.53 : FOOTWALL, hosting 8% Py as clots and subhedral grains up to 0.2 cm wide.	16018	38.51	39.53	1.02 m	12		1.5	
			40.07 - 41.03 : FAULT ; organic and drill mud containing rubbly wall rock fragments.								
			41.03 - 41.30 : Quartz ± feldspar solution veining and brecciation. 6% Py occurs as clots and finely disseminated grains.	16019	39.53	40.47	0.94 m	2		1.5	
				16020	40.47	41.03	0.66 m	10		0.4	
				16021	41.03	41.76	0.73 m	4		1.3	
41.76	50.70	90%	CRYSTAL TUFF, GREYWACKE and minor FELSIC (LAPILLI?) TUFF : Greenish beige in colour to brownish-beige toward the lower contact, the unit is massive in appearance fine to medium grained with lapilli size inclusions. The unit has undergone white mica (muscovite) alteration. 3-4% FeS (Py >> Po) occurrs as finely disseminated grains and clots. 1% bright green Cr-mica (molochite?) clots occurr sporadically throughout.	16022	41.76	42.7	0.94 m	5		0.1	

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PROPERTY _____ HOLE No. SD-88-02

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE	Au ppb		Ag ppm	
			43.9-44.12: A 1.0 cm wide QUARTZ VEIN	16023	43.66	44.25	0.59 m	2		1.4	
			oriented sub parallel to the c.a. hosting								
			12% Po & 1-2% CPy.								

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PROPERTY _____ HOLE No. SD 88-02

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE	Au ppb		Ag ppm	
50.70	52.6	100%	AUGITE-BIOTITE-QUARTZ-FELDSPAR PORPHYRY								
			Medium to light grey in colour, fine to								
			medium grained with elatty Ca-feldspar								
			phenocrysts up to 0.3cm. wide. The unit								
			is very competent, massive in appearance								
			with interlocking grains. Lath like grains								
			show weak flow? alignment. The unit								
			contains coarser-darker phases and								
			equivalent wall rock inclusions up to 2.0 cm.								
			wide: 1-2% FeS (Po ≥ Py) occurs as								
			finely disseminated grains with affinity								
			toward mafic minerals.								
52.6	55.17	95%	CRYSTAL TUFF, GREYWACKE and minor FELSIC	16024	52.6	55.17	2.57m	4		2.9	
			(LAPILLI?): same as 41.76 - 50.70 m. except								
			that this unit is medium grey in colour,								
			hosting 2% FeS (Py ≥ Po) as finely								
			disseminated grains and occasionally as								
			coatings along fracture/microfracture								
			planes.								

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PROPERTY SILVER DOLLAR HOLE No. SD-88-3

Page 1 of 8

DIP TEST		
	Angle	
Footage	Reading	Corrected
.op		
.p124		
.mt0		

Grid Location: 46.595/119.348 Bearing: Total Depth: 46.65 mm
Date Started: 18/07/88 Elev. Collar: 149.55m wrt IP #1 Logged By: D. CHROMEC
Date Finished: 19/07/88 Collar Dip: -90° Core Size: NQ
NTS: 92F3

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE				
	-6.1		Casing								
6.1	6.5		Overburden boulders.								
6.5	8.3	(75%)	CRYSTAL TUFF, ASH and GREYWACKE The unit is primarily comprised of crystal tuff, intermixed with greywacke, mud and minor ash. It is predominantly cloudy grey-green in colour (weakly chloritized) with occasinal brown patches where less weathered or altered. The unit is massive and patchy in appearance. Intermediate in composition, the matrix is comprised of poorly sorted, sub-angular to sub-rounded, interlocking to diffuse grains/clasts. It hosts a patchy distribution of sub-								

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PROPERTY HOLE No. SD-88-3

Page 2 of 8

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE	Au ppb		Ag ppm	
			rounded, Ca-feldspar ~~DESCRIPTION~~ carbonate clots / phenocrysts which become less prominant downhole. Weak, patchy carbonate alteration occurs throughout. The interval is largely blocky and rubbly with iron oxide coated fracture planes. 1-2% FeS (Po>Py): Sulfides occur as clots, finely disseminated grains and grain aggregates.								
			~~8.3-13.9(90%) GREYWACKE and ARGILLITE~~ ~~Medium grey greywacke intermixed with minor volcanic ash and interbedded with dark grey to black, banded and laminated argillite. The unit has undergone soft sediment deformation, weak microfolding and microfaulting. The unit is moderately fractured and occasionally iron oxide stained. The bedding contacts are undulating to irregular, approximating the following attitudes:~~ ~~30-31 degrees to the c.a. at 9.32m~~	16025	9.32	10.25		1		0.9	

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PROPERTY _____ HOLE No. SD-88-3

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE	Au ppb		Ag ppm	
			29-31 degrees to the c.a. at 13.3m								
			2-3% Py occurs as finely disseminated								
			grains, clots, hairline laminations and								
			minor carbonate replacement.								
	13.9-14.45	(95%)	ANDESITE DYKE ? INTERMEDIATE CRYSTAL	16026	13.85	14.8	0.95m	17		0.6	
			TUFF ?								
			Medium to dark grey in colour, the unit								
			is medium to coarse grained hosting sub-								
			hedral white feldspar phenocrysts up to								
			8.25cm. wide and, dark grey to black								
			pyroxene and mica phenocrysts up to 8.6								
			cm. wide. Both upper and lower contacts								
			are wavy, delimited by a probable chill								
			margin.								
			1-2% FeS (Py>Po): Sulfides occur as								
			finely disseminated grains and clots.								
			Possible tr. powdery Mag is								
			disseminated throughout.								
	14.45-32.68	(98%)	GREYWACKE and ARGILLITE								
			The interval is comprised of medium grey								
			greywacke interbedded with dark grey to								
			black, banded and laminated argillite.								

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PROPERTY _____ HOLE No. SD-88-3

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE				
			The greywacke, especially the thicker								
			beds become increasingly calcareous								
			downhole. The unit has undergone soft								
			sediment deformation, weak microfolding								
			and microfaulting. Carbonate								
			microveining, microfracturing and								
			microfaulting, which is extremely rare								
			near the upper contact, increases to								
			moderate proportions downhole. The								
			bedding contacts are undulating to								
			rarely contorted, approximating the								
			following attitudes:								
			29-30 degrees to c.a. at 17.15m.								
			31-32 degrees to c.a. at 23.2m.								
			27-27 degrees to c.a. at 26.5m.								
			2-3% Py occurs as finely disseminated								
			grains, clots, hairline laminations and								
			minor carbonate replacement.								
			14.85-16.3: Blocky core with iron oxide								
			coated fracture planes.								

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PROPERTY _____ HOLE No. SD-88-3

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE	Au ppb		Ag ppm
			27.6-30.9: Intermittently and moderately	16027	28.75	30.0	1.25m	6		2.5
			carbonate veined, weakly brecciated	16028	30.0	30.93	0.93m	3		2.7
			section with variably oriented tension							
			gashes. 3-4% Py occurs largely as							
			subhedral cubes up to 0.2 cm. wide.							
	MINERALLIZED ZONE									
	(30.9-34.4m)									
	30.9-32.6(90%)		GREYWACKE, moderately to strongly	16029	30.93	31.85	0.92m	2		2.4
			BRECCIATED by intense carbonate and							
			rarely quartz-carbonate veining. The							
			most intense brecciation occurs between							
			30.95m.-31.3m. 3-4% Py occurs as clots							
			and finely disseminated grains.							
	32.6-33.0(85%)		SHEARED / MYLONITIZED SEDIMENTS	16030	31.85	33.0	1.15m	91		3.4
			Finely laminated / interbanded							
			argillite, greywacke and carbonate +/-							
			quartz solutions. These shear bands are							
			wavy and undulating, oriented							
			approximating 70 to 90 degrees to the							
			c.a. The interval culminates with a							
			2.0cm. wide, dirty sugary white,							

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PROPERTY _____ HOLE No. SD-88-3

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE	Au ppb		Ag ppm
			pyritiferrous quartz-carbonate vein.							
			4-5% Py occurrs as brassy clots and							
			finely disseminated grains with affinity							
			towards carbonate +/- quartz veining.							
	33.18-33.22(78%)		FAULT/FAULT GOUGE	16031	33.0	33.45	0.45m	288		3.4
			Drill mud with broken quartz-carbonate							
			and wall rock fragments.							
				16032	33.45	33.85	0.40m	27		3.9
	33.2-33.5(85%)		GREYWACKE BRECCIA							
			Light to medium grey in colour, the							
			interval is comprised of intermixed							
			greywacke and pyroclastic sediments							
			hosting larger, brecciated wall rock							
			(greywacke) fragments.							
	33.5-33.8(75%)		Sugary white bull QUARTZ VEIN with minor							
			carbonate component. The vein is weakly							
			microfractured and carbonate							
			microveined.							
			1% Py occurs along microfracture planes							
			as carbonate replacement.							
			33.5-33.53: broken and rubbly with iron							

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PROPERTY _____ HOLE No. SD-88-3

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE	Au ppb		Ag ppm	
			~~oxide coated fracture planes.~~								
	33.8	34.8(95%)	GOUGE and SHEAR ZONE	16033	33.85	34.40	0.55m	210		3.2	
			A 1.5cm. wide gouge at the upper contact								
			~~culminated by shear banded greywacke,~~								
			~~argillite and quatz - carbonate~~								
			~~solutions oriented at 70-90 degrees to~~								
			~~the c.a.~~								
	34.8	34.4(98%)	Weakly graphitic ARGILLITE and	16034	34.40	35.05	0.65m	60		2.9	
			GREYWACKE, moderately to strongly								
			BRECCIATED by intense carbonate and								
			rarely quartz-carbonate veining.								
			4-5% Py occurrs as clots, finely								
			disseminated grains and lustry cubes up								
			to 0.2 cm. wide.								
	34.4	46.6(95%)	GREYWACKE and ARGILLITE	16035	35.05	36.20	1.15m	22		2.6	
			The interval is comprised of medium grey	16036	41.20	42.33	1.13m	5		1.6	
			greywacke interbedded with dark grey to								
			black, banded and laminated argillite.								
			The unit has undergone soft sediment								
			deformation, moderate microfolding and								
			microfaulting. Moderate carbonate								

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PROPERTY _____ HOLE No. SD-88-3

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE				
			~~veining, microveining and~~								
			~~microfracturing along with patchy~~								
			~~brecciation occurrs throughout. The~~								
			~~bedding contacts are undulating,~~								
			~~commonly contorted to segmented,~~								
			~~approximating the following attitudes:~~								
			~~30-32 degrees to c.a. at 40.3m.~~								
			~~35-37 degrees to c.a. at 46.0m.~~								
			~~4% Py occurs as fine grained~~								
			~~laminations, clots and subhedral grains~~								
			~~up to 0.2cm. wide, finely disseminated~~								
			~~grains and carbonate replacement.~~								
			34.4-36.2: Moderately brecciated								
			greywacke and argillite hosting 5-6% Py								
			as clots and subhedral grains up to								
			0.3cm wide.								
			41.25-41.6: Strongly brecciated by								
			carbonate solution with 3-4% Py and Po								
			clots and fine grained carbonate								
			replacement.								

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PROPERTY SILVER DOLLAR

HOLE No. DDH 93-4

DIP TEST		
	Angle	
Footage	Reading	Corrected

Grid Location: 20.425/87.41E Bearing: N/A Total Depth: 60.05m

Date Started: 07/20-93 Elev. Collar: 163.20 WRT IP#1 Logged By: D. CHROMES

Date Finished: 07/21-93 Collar Dip: -90° Core Size: NQ

N.T.S.: 82F3

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE				
	3.53		casing								
3.53	8.93	70%	Broken and rubbly greywacke-argillite boulder.								
8.93	14.6	95%	INTERMEDIATE CRYSTAL TUFF, GREYWACKE and MUD Predominantly medium brown in colour to spotty-patchy medium green where hydrothermally altered. The unit is massive in appearance with fine to medium size interlocking grains and occasional, sub-rounded calcite and feldspar-QS clots/blebs up to 0.75cm wide. Intermediate in composition, the unit is comprised of variably intermixed crystal tuff and mechanical sediments. The medium green, hydrothermally altered sections/patches are strongly calcareous. 1-2% Py occurs as finely disseminated grains, clots and coatings along fracture planes.								

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PROPERTY

HOLE No. DDH-93-4

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE	Au ppb		Ag ppm	
			3.53-11.6m: Fractured, rubby and blocky iron oxide stained core.								
			@ 14.6m.: cold contact with underlying unit approximates 11° to c.a. orientation.								
				16077	12.35	15.24	1.39m	9		0.5	
14.6	32.15	95%	GREYWACKE and ARGILLITE. Medium grey greywacke interbedded with dark grey to black argillite. The greywacke, especially thicker beds are calcareous. The unit has undergone soft sediment deformation, microfolding and microfaulting. Weak, sporadic QS microveining averaging 1cm in width occurs throughout. It is most prominant between 20.5-22.5 m, where weak brecciation is associated with contorted to segmented QS veins/microveins. The attitudes of the undulating to occasionally contorted bedding approximate: 23° to c.a. @ 13.3m 30° to c.a. @ 26.7m 38° to c.a. @ 23.7m 25° to c.a. @ 31.3m 1-2% Py over interval occurs as finely disseminated grains, laminations and coatings along fracture planes.								

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PROPERTY _____ HOLE No. DDH-88-4

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE				
			Broken and blocky core with iron oxide stained fracture planes between 21.1 - 21.39 m ; 23.3 - 23.5 m ; 27.0 - 28.0 m ; 30.6 - 31.0 m.								
			@ 32.15 m : sharp contact with underlying unit approximating 28° to c.a. orientation. The underlying unit however shows a 1.5 cm wide coarsening downhole from the contact, possibly a (CHILL MARGIN?)								
32.15	40.02	95%	AUGITE-BIOTITE-QUARTZ-FELDSPAR-PORPHYRY (DYKE) Identical to that between 50.7 m to 52.6 m in DDH-88-02. Medium to light greenish grey, fine to medium grained with irregular, Ca-feldspar clots / phenocrysts up to 0.25 cm wide. The unit is very competant, massive in appearance with interlocking grains. It contains coarser and darker phases and equivalent, diffuse wall rock inclusions up to 2.0 cm wide. The unit is weakly CO_3 (after feldspar) altered. 1-2% FeS (Py > Po) is finely disseminated throughout with affinity toward mafic minerals.								

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PROPERTY _____ HOLE No. DDH-88-4

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE	Au ppb		Ag ppm	
			38.32 - 38.76 m : Irregular feldspar - quartz vein hosting chloritized wall rock and K-altered feldspar inclusions with 1-2% Po/Py	16038	38.5	39.15	0.60 m	20		3.1	
			40.00 - 40.02 m : an irregular fining downhole (CHILL MARGIN?) contact.	16039	39.65	40.43	0.78 m	16		2.8	
40.02	44.68	70%	GREYWACKE and ARGILLITE Same as that between 14.6 to 32.15 m., except that the bedding of this interval is moderately deformed overall.								
			40.43 - 40.7 m : weakly to moderately sheared and brecciated, with bedding / shear banding approximating 70° to c.a. orientation.	16040	40.43	41.3	0.87 m	4		1.7	
			40.7 - 41.3 m : Broken, rubbly core with a probable FAULT GOUGE @ 41.15 to 41.20 m.								
				16041	41.3	42.3	1.0 m	8		2.4	
			42.3 - 43.05 m : Strongly microveined, micro-fractured and contorted argillite hosting three, contorted and vuggy, sugary quartz veins averaging 0.6 cm wide approximating 62° - 25° to c.a. orientation.	16042	42.3	42.98	0.68 m	71		2.9	
				16043	42.93	43.93	0.91 m	44		1.5	

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PROPERTY _____ HOLE No. DDH-88-4

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE	Au ppb		Ag ppm	
			43.05 - 44.68 m: largely blocky and broken to rubbly core with iron oxide coated fracture planes, and probable FAULT GOUGES between 43.5 - 43.6? m and 44.43 - 44.52 m.	16044	43.89	44.68	0.79 m	81		2.6	
44.68	45.42	75%	MINERALIZED ZONE: SUGARY, BULL WHITE QUARTZ VEIN. The zone is weakly to moderately CO_2 microveined - microfractured and fractured. It is largely blocky and broken to rubbly near the lower contact. The vein appears barren except for minor, py bearing, wall rock inclusions which become slightly more prominant toward the lower contact. 1-2% Py occur as finely disseminated grains and fine crystal aggregates with a strong affinity toward wall rock inclusions.	16045	44.68	45.7	1.02 m	39		3.8	
45.42	57.0	95%	GREYWACKE and ARGILLITE: Same as that between 14.6 to 32.15 m except for the following variations / trends: The intensity of deformation increases downhole. The greywacke becomes less calcareous and more thickly bedded toward								

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PROPERTY _____ HOLE No. DDH-88-4

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE	Au ppb		Ag ppm	
			the lower contact. Weak CO_2 veining and microveining occurs throughout. The generally wavy to undulating bedding becomes more shallow downhole, approximating the following attitudes: 60° to c.a. @ 46.65 m; 43° to c.a. @ 48.56 m; 37° to c.a @ 49.68 m; 38° to c.a @ 55.70 m. The deformation is most intense between 45.7 to 46.1 m; 46.9 to 47.2 m; 50.9 to 51.1 m	16046	45.7	46.75	1.05 m	5		2.9	
				16047	52.43	53.1	0.67 m	2		0.5	
			@ 57.0 m: an irregular contact where angular argillite rip-up clasts are incorporated into the underlying unit, proximal to the contact. The underlying unit shows a 1.0 cm wide coarsening downhole from the contact. (a possible CHILL MARGIN).								
57.0 =	60.05 EOH	95%	AUGITE-BIOTITE-QUARTZ-FELDSPAR PORPHYRY (DYKE?) Identical to that between 32.15 - 40.02 m except for the following: This unit is non-calcareous. The feldspar phenocrysts are more sparsely and	16048	56.75	57.75	1.5 m	3		2.8	

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PROPERTY _____ HOLE No. DDH-88-4

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE				
			sporadically distributed. The pyroxene is weakly chloritized whereas the feldspar is weakly clay altered. This interval hosts 2-3% FeS, where Po exceeds the Py content.								

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PROPERTY SILVER DOLLAR

HOLE No. SD-88-5

Page 1 of 9

DIP TEST		
	Angle	
Footage	Reading	Corrected
.0p		
.p124		

Grid Location: 1,235 / 143.35 E Bearing: ... Total Depth: 90.43 m

Date Started: 21/07/88 Elev. Collar: 132.92 mm WRT IP#1 Logged By: D. CHRISTIE

Date Finished: 23/07/88 Collar Dip: -90° Core Size: N.Q

N.T.S.: 92 F 3

DEPTH FROM	DEPTH TO	.mt0 RECOVERY .mb0	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE	Au ppb		Ag ppm	
		-15.85	casing								
		15.85-48.2	(90%) GREYWACKE	16049	15.85	16.25	0.40 m	2		0.9	
			The unit is primarily comprised of								
			greywacke, variably intermixed with mud								
			and interbedded / banded with minor (5%)								
			dark grey to black argillite. The								
			greywacke is medium grey in colour to								
			brown when intermixed with mud.								
			Occasional light to medium grey								
			hydrothermally altered patches, blebs								
			and clots occur throughout, increasing								
			in occurrence downhole. The greywacke is								
			competent, massive in appearance,								
			comprised of fine to medium, poorly								
			sorted and rounded interlocking grains.								
			The argillite interbeds / bands are								

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PROPERTY _____

HOLE No. SD-88-5

Page 2 of 9

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE	Au ppb		Ag ppm	
			scarce, diffuse and strongly deformed								
			near the upper contact, becoming more								
			prominant, distinct and less contorted								
			downhole. The unit is weakly carbonate								
			+/- feldspar +/- rare quartz veined,								
			microveined								
			and microfractured. The largely								
			undulating to contorted bedding								
			approximates the following attitudes:								
			29 degrees to c.a. at 29.5m.								
			29-31 degrees to c.a. at 31.2m.								
			34 degrees to c.a. at 36.15m.								
			24 degrees to c.a. at 36.8m.								
			3-4% FeS (Po >or= Py) primarily occurs								
			as clots, finely disseminated grains and								
			coatings along fracture planes.								
			15.9-16.1: two sub-parallel dirty grey-	16049	15.85	16.25	0.40 m	2		0.9	
			white QUARTZ veins, 1.8 and 1.5cm. wide,								
			oriented 12 degrees to the c.a. host								
			brecciated wall rock inclusions and 5%								
			clotty and fine grained Po.								

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PROPERTY _____ HOLE No. SD-88-5

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE	Au ppb		Ag ppm
			47.55m. is represented by 0.45cm. wide void with minor rubbly wall rock.							
	51.5-57.25(90%)		GREYWACKE Same as that between 15.85-48.2m.except for the following: This unit contains a marginally higher proportion of argillite interbeds (10%), which are largely contorted to segmented. The argillite becomes increasingly silica enriched toward the lower contact. The unit is moderately feldspar-carbonate +/- quartz veined and microveined. It shows a weak patchy carbonate alteration which becomes moderate and uniform downhole from 54.6m. The only reliable bedding attitude approximates 28 degrees to the c.a. at 53.75m.							
			54.8-54.89: Strongly brecciated by intense carbonate veining. 1-2% Py occurrs as clots and finely disseminated grains within brecciated wall rock inclusions.	16052	54.55	55.2	0.65m	4		1.4
				16053	57.0	59.4	2.40m	1		3.7

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PROPERTY _____ HOLE No. SD-88-5

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE	Au ppb		Ag ppm
			18.8-28.1: occasional blocky, vuggy, pitted and iron oxide stained sections.							
	40.2-51.5(90%)		GREYWACKE and ARGILLITE Equiproportionally and rhythmically interbedded medium grey greywacke and dark grey to black, laminated and banded argillite. The unit has undergone soft sediment deformation, weak microfolding and microfaulting. It is weakly carbonate veined and microfractured. The bedding contacts are undulating to irregular, approximating the following attitudes: 17 degrees to the c.a. at 41.5m 34 degrees to the c.a. at 45.5m 18 degrees to the c.a. at 49.9m 1-2% Py occurrs as finely disseminated grains, hairline laminations and minor carbonate replacement.							
			46.33-48.7: Blocky, occasionally rubbly section with iron coated fracture planes. A MAJOR FAULT between 47.1 to	16050	46.33	47.55	1.22m	3		1.4
				16051	47.6	48.77	1.17m	5		0.7

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PROPERTY _____ HOLE No. SD-88-5

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE			
	59.05	61.3(98%)	QUARTZ FELDSPAR PORPHYRY							
			Similar to that between 58.7m to 82.6m in DDH-88-02. The unit is light greenish grey in colour with a mottled to cloudy overall appearance. It is extremely felsic, massive and competant. The grain and phenocryst contacts are extremely diffuse and poorly discernable. The unit is weakly microfractured and carbonate (after feldspar) altered.							
			3-4% Py over the interval occurs primarily as clots, smeared clots along calcareous fracture / microfracture planes and finely disseminated powdery grains. Trace powdery AsPy occurs throughout.							
			59.8-59.85: Rip-up clasts of the underlying sediments occur proximal to the irregular lower contact.							
	61.3-69.75m	(95%)	GREYWACKE	16054	61.05	61.87	0.82m	3		0.8
				16055	61.87	63.3	1.43m	2		1.1

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PROPERTY _____ HOLE No. SD-88-5

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE	Au ppb		Ag ppm
			Same as that between 15.85-48.2m except	16056	66.80	68.4	1.6m	4		1.7
			For the following: The minor (5%)	16057	68.4	69.80	1.4m	2		1.4
			argillite within this unit occurs largely as contorted and segmented interbeds (possibly rip-up clasts). Patchy to banded light green hydrothermal alteration occurs sporadically throughout the interval.							
			61.3-65.8: The interval is silica enriched and the grain contacts mottled to diffuse.							
	69.75-72.8	(95%)	MINERALIZED ZONE: Greywacke veined and	16058	69.80	70.90	1.10m	1		1.8
			brecciated by dirty, milky white QUARTZ.	16059	70.90	72.0	1.10m	3		1.4
			Comprised of variably oriented and irregular injections, stringers and veins up to 5.0cm. wide, the veining shows a strong preference toward sub-parallel to c.a. orientation. Irregular upper and lower contacts approximate 39 degrees to the c.a. orientation. The veining contains sheared and brecciated wall rock fragments and minor grey to							

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PROPERTY ______________________ HOLE No. SD-88-5

Page 3 of 8

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE	Au ppb		Ag ppm	
			glassy quartz shards.								
			3-4% FeS (Po=Py;tr.CPy) Both Po and Py								
			primarily occur as clots. The Po clots								
			are marginally more common and larger								
			than those of Py. Py and lesser Po also								
			occurr as finely disseminated grains.								
			Cpy is almost invariably associated with								
			Po. The sulfides show a strong affinity								
			toward the brecciated wall rock and								
			inclusions thereof.								
	72.0-80.77(95%)		CRYSTAL TUFF, GREYWACKE and MUD	16060	72.0	72.8	0.8 m	4		0.3	
			Medium to dark brown-grey in colour, the	16061	77.85	78.75	0.90m	7		0.4	
			unit is comprised of variably intermixed	16062	79.5	80.4	0.9m	1		0.5	
			crystal tuff, greywacke and mud. The								
			matrix is predominantly comprised of								
			fine to medium size, moderately sorted,								
			sub-rounded interlocking grains. A								
			patchy distribution of white, sub-								
			rounded feldspar-carbonate								
			clots/phenocrysts persists throughout.								
			The unit is extremely competent and								
			massive in appearance. It is moderately								
			carbonate microveined and								

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PROPERTY ______________________ HOLE No. SD-88-5

Page 8 of 8

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE				
			microfractured.								
			1-2% Py occurs as finely disseminated								
			grains.								

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PROPERTY SILVER DOLLAR

HOLE No. DDH-88-06

DIP TEST		
	Angle	
Footage	Reading	Corrected

Grid Location: 45.06N/42.83E Bearing: N/A Total Depth: 9.66m.

Date Started: 07/24-88 Elev. Collar: 209.56 wrt IP#1 Logged By: D. CHROMEC

Date Finished: 07/25-88 Collar Dip: -90° Core Size: N.Q

N.T.S.: 82F3

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE	Au ppb		Ag ppm	
	3.05		casing								
3.05	11.88	90%	GREYWACKE and ARGILLITE.	16063	9.95	11.72	1.77m	4		0.2	
			Predominantly medium grey GREYWACKE interbedded/banded with lesser (30%)								
			dark grey to black argillite. The greywacke								
			is moderately sorted with largely sub rounded								
			grains. Calcareous patches show strong								
			affinity toward thicker (up to 0.8mm wide)								
			greywacke beds. The unit has undergone								
			soft sediment deformation, microfolding								
			and microfaulting. Weak CO_2 veining, micro-								
			veining and microfracturing occurs throughout.								
			The bedding contacts are undulating to								
			irregular with attitudes approximating:								
			32° to c.a. @ 3.4m; 24° to c.a. @ 7.8m;								
			20° to c.a. @ 9.9m & 10.3m.								
			1-2% Py occurs as microfracture laminations-								
			CO_2 replacement and finely disseminated								
			grains and clots throughout.								

FAIRBANK ENGINEERING LTD

PROPERTY

HOLE No. DDH 88-6

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE				
			6.2-6.65 m: Non-calcareous, non-porphyritic								
			equivalent of underlying CRYSTAL TUFF-								
			GREYWACKE UNIT.								
11.88	26.0	95%	CRYSTAL TUFF, GREYWACKE and minor ARGILLITE.								
			Patchy grey to predominantly medium brown								
			in colour, the unit is comprised of variably								
			intermixed crystal tuff and greywacke,								
			interbedded/banded with minor argillite.								
			The matrix is comprised of fine to medium								
			grained, sub rounded calcite, feldspar, quartz,								
			pyroxene, chlorite?, biotite?, mud and ash.								
			It hosts a patchy distribution of white								
			and semi-translucent grey, sub rounded								
			calcite phenocrysts up to 0.4 cm wide.								
			The entire unit is strongly microfractured,								
			microveined and moderately veined with								
			white and grey CO_2. Overall, it is brecciated								
			and strongly calcareous. The rare argillite								
			bands are diffuse and contorted to segmented								
			6% FeS (Py > Po) primarily occur as clots,								
			fine grained aggregates and finely								
			disseminated grains.								

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PROPERTY _____ HOLE No. DDH 88-6

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE	Au ppb		Ag ppm	
			13.3 - 19.0m: Unaltered, non brecciated, non calcareous intermixed CRYSTAL TUFF and GREYWACKE. Medium greyish green in colour with pyroxene (chlorite?) and feldspar phenocrysts fining towards the contact: The lower contact is delimited by an irregular CO_2 stringer approximating 41° to c.a. orientation. 4-5% FeS (Py > Po) occurs as finely disseminated grains, grain aggregates and clots.	16064	13.35	19.45	2.10m	3		1.1	
			20.3 - 20.4m: Well preserved, Si enriched laminated argillite clast with very sharp contacts.	16065	21.2	22.3	1.1m	1		0.7	
			21.6 - 21.85m: An irregular, dirty quartz - feldspar vein hosting brecciated wall rock inclusions and 2-3% Py.								
				16066	25.4	26.6	1.2m	2		0.1	
26.0	38.8	85%	GREYWACKE and ARGILLITE. Predominantly medium, grey greywacke interbedded/banded with minor (15%) argillite which occurs as laminations, bands and rhythmically bedded sequences averaging less than 10 cm. in width. The argillite								

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PROPERTY _____ HOLE No. DDH 88-6

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE	Au ppb		Ag ppm	
			becomes slightly more prominant downhole The unit is fractured-microfractured and CO_2 microveined. The only moderately well preserved bedding shows 24° - 26° to c.a. orientation @ 28.5m and 30.75m. 2-3% Py > Po occurs as finely disseminated veins, clots and coatings along microfracture planes.								
		65%	32.25 - 37.25m. Fractured, broken and blocky to rubbly with probable FAULTing occuring at 33.1m, 33.7m, 35.7m and 36.5m. Strong microveining and microfracturing persists to lower contact (38.8m)	16067	32.25	34.5	2.25m	1		0.8	
				16068	34.5	35.95	1.45m	1		0.6	
				16069	35.95	37.50	1.55m	2		0.5	
38.8	45.5	15%	GREYWACKE and ARGILLITE Equiproportionally and finely interbedded greywacke and argillite. The unit is weakly CO_2 veined, microveined and microfractured. Averaging 2.6 cm in width, the bedding is weakly microfolded and microfaulted with undulating contacts approximating 33° - 36° to c.a. orientation.								

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PROPERTY _____ HOLE No. DDH-88-6

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE	Au ppb		Ag ppm	
45.5	51.05	95%	GREYWACKE AND ARGILLITE (same as 26.0 - 33.8m); Sparse argillite interbeds/bands show undulating to occasionally contorted to segmented contacts, approximating 27° to c.a. and 4° to c.a. orientation at 47.45m and 49.7m respectively.								
51.05	53.35	90%	GREYWACKE AND ARGILLITE (same as 38.2 to 45.5m): Equiproportionally interbedded greywacke and argillite. The greywacke beds are predominant near the upper contact, whereas the argillite beds and intermixed mud becomes more predominant toward the lower contact. The unit is weakly brecciated, with undulating to contorted bedding contacts oriented 49° to c.a. @ 51.2m; 37° to c.a @ 53.3m; 38° to c.a. @ 53.45m.								
			51.05 - 52.20m: Moderately brecciated, microfractured and CO_2 microveined	16070	51.05	52.35	1.30m	2		0.8	
				16071	52.35	53.35	1.00m	3		0.9	

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PROPERTY _____ HOLE No. DDH 88-6

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE	Au ppb		Ag ppm	
53.35	56.6	95%	(Recrystallized?) CRYSTAL TUFF (OFF-FELD-PX PORPH) Light grey to pale green in colour, the unit is patchy to mottled in appearance. The Si enriched (weakly silicified) matrix is comprised of diffuse feldspar and quartz grains, variably intermixed with volcanic ash, greywacke and mud. It hosts subhedral pyroxene and biotite phenocrysts, diffuse quartz and larger feldspar clots. The lath-like mafic phenocrysts show variably oriented foliation. The upper and lower contacts are delimited by CO_2 veining approximating 55° to c.a and 37° to c.a. respectively. 1-2% Py over interval occurs as finely disseminated grains and clots showing strong affinity toward mafic minerals and coatings along fracture/microfracture planes. Possible trace ZnS.	16072	53.35	54.10	0.75m	3		1.0	
				16073	54.10	56.08	1.98m	3		1.2	
56.60	70.50	95%	GREYWACKE and ARGILLITE Predominantly medium grey greywacke interbedded with minor (20%) argillite. Occasional light grey quartz and feldspar rich sandy beds and dark grey muddy beds occur throughout	16074	56.08	57.05	0.95m	2		1.2	

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PROPERTY _____ HOLE No. DDH - 88-6

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE	Au ppb		Ag ppm	
			The greywacke is massive and intermittently calcareous. The unit has undergone soft sediment deformation, microfolding and microfaulting. The microfaulting is often associated sub parallel - steep to c.a. tension gashes. Weak to moderate CO_2 veining and microveining occurs throughout. The attitudes of the generally deformed to contorted beds approximates 28° to 37° to c.a.								
			1-3% Py over interval occurs as finely disseminated grains, clots, coatings along fracture planes and CO_2 replacement.								
			59.33-59.60m 59.3-59.93m: Irregular CO_2 veins and injections up to 2.0 cm wide hosting brecciated wall rock fragments.								
			68.28-68.95m: Brecciated, strongly micro-fractured section with a 1.5 cm wide, irregular-dirty CO_2 vein @ 68.75m.	16075	68.28	68.95	0.67m	4		1.0	
38.35	70.50	95%	GREYWACKE Uniform, medium grey greywacke interbed with minor FELSIC ASH. The unit is weakly calcareous, microfractured								

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PROPERTY _____ HOLE No. DDH - 88-6

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE				
			CO_2 veined - microveined and microfractured, hosting 1-2% clotty and finely disseminated Py.								
70.5	91.03	35%	ARGILLITE, FELSIC TUFF and GREYWACKE. Quiet water deposition primarily comprised of (70%) ARGILLITE, light beige FELSIC TUFF and medium grey GREYWACKE. The argillite is both interbedded and gradationally intermixed with the felsic-tuff and greywacke. The greywacke is largely calcareous. The unit has undergone soft sediment deformation, microfolding and microfaulting. It is moderately to locally strongly veined, microveined and micro-fractured. The veining is largely comprised of CO_2, grading to quartz-feldspar-CO_2 downhole from 39.3m. The bedding is largely gradational, undulating to deformed or sheared and brecciated. At 73.6m, the moderately preserved bedding approximates 65° to c.a. orientation. 4-5% FeS (Py > Po) occurs as finely disseminated grains, grain aggregates, clots and euhedral crystals with affinity								

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PROPERTY _____ HOLE No. DDH-88-6

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE	Au ppb		Ag ppm	
			toward thicker argillite beds and CO₂+ feldspar + quartz veining, microveining and microfracturing. The amount of sulfides increases downhole.								
			71.4 - 72.2 m: Sheared and bressiated section with broken and rubbly core between 71.9 to 72.2 m, representing a possible FAULT.	16076	71.2	73.0	1.80m	3		0.7	
			@ 73.33 m: A 0.3 cm wide FAULT GOUGE.								
			73.75 - 74.2 m: An undulating slickenside sub-parallel to c.a.	16077	73.0	74.33	1.37m	2		0.5	
				16078	74.33	76.25	1.88m	4		0.9	
			76.25 - 76.5 m: Sheared, blocky to broken section containing quartz-vein fragments.	16079	76.25	77.90	1.65m	8		1.3	
			78.0 - 78.7 m: Bressiated, microfractured, microveined and veined with quartz - CO₂ stringers up to 0.7 cm wide, with a shear - FAULT GAUGE at 73.61 - 73.7 m.	16080	77.7	77.0	1.1m	165		1.8	
			77.45 - 81.0 m: Predominantly greenish brown FELSIC TUFF with minor (<10%) argillite and greywacke. The interval is sheared,								

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PROPERTY _____ HOLE No. DDH-88-6

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE	Au ppb		Ag ppm	
			bressiated, hosting 5% Py and trace, bright green Cr-mica.								
			@ 79.67 m: A 6.8 cm wide, BULL WHITE QUARTZ VEIN oriented @ 54° to c.a.	16081	79.0	80.15	1.15m	82		0.6	
81.03	81.27	95%	MINERALLIZED ZONE: BULL WHITE QUARTZ VEIN, hosting minor, sheared, PbS and Py bearing wall rock laminations and inclusions. The lower contact is delimited by a 0.3 cm wide, sheared, clayey GAUGE. Shearing and contacts all approximate 74° to c.a. orientation. The sulfides occur almost exclusively within the wall rock laminations / inclusions. 2% Py occurs as clots and finely disseminated grains. 1% PbS occurs as fine subhedral crystals and crystal aggregates.	16082	80.15	81.0	0.85m	165		0.8	
81.27	92.66	95%	GREYWACKE and ARGILLITE Equiproportionally interbedded medium grey greywacke and dark grey to black argillite. The unit has undergone little to no soft sediment deformation, micro-folding or microfaulting. The unit is weakly CO₂ veined and microveined.								

FAIRBANK ENGINEERING LTD

PROPERTY _____ HOLE No. DDH-88-6

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE	Au ppb	Au oz/ton	Ag ppm	
			The bedding is largely sharp and distinct, showing the following attitudes:								
			36° to c.a @ 83.1m.								
			23° to c.a @ 84.5m								
			24° to c.a @ 86.7m								
			27° to c.a @ 90.7m								
			19° to c.a @ 92.4m								
			3-4% Py over interval occurs as clots, finely disseminated grains and hairline laminations. Py content decreases downhole.								
			81.43 - 81.48m : Sheared, laminated sediments approximating 73° to c.a. orientation.	160833	81.0	81.55	0.55m	2600	0.082	7.7	
			81.48 - 81.72m : Greenish-beige, sandy TUFF hosting 4-5% Py.	160834	81.55	83.0	1.65m	2		0.5	
			81.72 - 82.50m : Moderately CO_3 veined, microveined and microfaulted section with irregular to contorted bedding, hosting 2% Py as subhedral cubes, clots and finely disseminated grains.								

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PROPERTY _____ HOLE No. DDH-88-6

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE				
			82.5 - 84.2m : Uniform greywacke intermixed with minor volcanic ash, hosting 4-5% Py.								

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PROPERTY SILVER DOLLAR

HOLE No. SD-88-7

DIP TEST		
	Angle	
Footage	Reading	Corrected
.6p		

Grid Location: 66.364 / 9.15 N
Bearing:
Total Depth: 99.7 m
Date Started: 26/03/88
Elev. Collar: 316.04 m wrt IP #1
Logged By: D. CHROMEC
Date Finished: 27/03/88
Collar Dip: -90°
Core Size: N.B
N.T.S.: 92 F 3

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE
	.mb0						
	9.75		casing				
	9.75-37.8 (85%)		GREYWACKE and ARGILLITE	16085	13.9	15.4	1.5 m
			Comprised primarily of medium grey	16086	28.2	28.7	0.5 m
			greywacke locally intermixed with minor				
			(5%) volcanic ash and interbedded with				
			(35%) dark grey to black argillite.				
			The greywacke beds are up to 1.5m wide				
			however commonly occur as beds				
			averaging 5.0cm. wide, thinly -				
			rhythmically interbedded with				
			argillite.				
			The proportion of intermixed volcanic				
			ash becomes slightly more prominant				
			downhole. The unit has undergone soft				
			sediment deformation, weak to moderate				
			microfolding, microfaulting and weak				

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PROPERTY

HOLE No. SD-88-7

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE
			~~carbonate microveining/ microfracturing.~~				
			~~The unit is weakly and eradically~~				
			~~calcareous. Occasinally contorted and~~				
			~~segmented, the bedding is largely~~				
			~~undulating, approximating the following~~				
			~~attitudes:~~				
			~~47-53 degrees at 16.4m~~				
			~~38 degrees at 16.7m~~				
			~~33-34 degrees at 18.65m~~				
			~~49 degrees at 28.7m~~				
			~~47 degrees at 25.0m~~				
			~~38-52 degrees at 27.85m~~				
			~~43 degrees at 30.3~~				
			~~3% FeS (Py>>Po): Sulfides occur as clots~~				
			~~and finely disseminated grains~~				
			~~throughout. Py also occurs as~~				
			~~laminations and coatings along fracture~~				
			~~planes.~~				
			14.25-15.0: broken and blocky with				
			carbonate vein breccia fragments.				
			34.4-34.6: strongly carbonate	16087	33.8	34.46	0.86m

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PROPERTY _____ HOLE No. SD-88-7

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE
			microveined and microfractured, volcanic ash rich greywacke hosting 3-4% Py.				
			35.08-37.8: volcanic ash rich greywacke, locally brecciated, microfractured, veined and microveined with carbonate and, infrequently quartz-feldspar-carbonate solutions. Rare veins up to 0.7cm. wide host wall rock inlusions and 4% Py.	16088	34.66	35.08	0.42m
				16089	35.08	37.80	2.72m
	37.8	8-48.9 (98%)	CRYSTAL TUFF, ASH and GREYWACKE The unit is primarily comprised of crystal tuff, intermixed with ash, greywacke and minor argillite. Medium brown in colour to cloudy grey - green where hydrothermally altered, the unit hosts a patchy distribution of sub-rounded, Ca-feldspar +/- carbonate, clots and blebs. Comprised of poorly sorted, sub-angular to sub-rounded, interlocking to diffuse grains/clasts, the unit is patchy and massive in	16090	37.80	39.57	1.77m

FAIRBANK ENGINEERING LTD

PROPERTY _____ HOLE No. SD-88-7

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE
			appearnce. Weak overall carbonate veining, microveining and microfracturing is moderate to strong near both the upper and lower contacts. Weak, patchy carbonate alteration occur throughout. 3-4% FeS (Po>Py): Sulfides occur as clots, finely disseminated grains and grain aggregates showing affinity towards carbonate veining.				
			39.25-39.57: a network comprised of carbonate stringers averaging 0.2cm. in width. 5-6% Po clots over interval.	16091	39.57	40.10	0.53m
	40.9	41.62 (95%)	GREYWACKE and ARGILLITE Interbedded dark grey to black argillite and medium grey greywacke intermixed with minor ash. The upper and lower contacts are delimited by carbonate veins oriented at 67 and 32 degrees to the c.a.	16092	40.10	40.90	0.80m
	41.62	51.67 (95%)	CRYSTAL TUFF, ASH and GREYWACKE	16093	40.90	42.85	1.95m

FAIRBANK ENGINEERING LTD

PROPERTY _____ HOLE No. SD-88-7

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE
			Similar to that between 37.8 to 48.9m				
			with the following exceptions and				
			trends. This unit is predominantly light				
			to medium greenish grey in colour with				
			occasional brownish grey patches.				
			Feldspar +/- carbonate clots and blebs				
			are rare in occurrence. The unit is				
			silica enriched (weakly silicified),				
			hard (H = 5.0 to 5.5), competent and				
			massive in appearance. Overall, the unit				
			is weakly veined and microveined with				
			carbonate and occasionally milky white				
			quartz. It is also weakly to moderately				
			fractured and microfractured.				
			6% FeS (Py > or = Po): Sulfides occur				
			as clots, blebs, grain aggregates and				
			finely disseminated grains showing				
			affinity toward carbonate veining and				
			dense concentrations of feldspar-				
			carbonate clots and blebs.				
			@44.8 & @44.9: two 0.2cm. wide milky	16094	44.60	45.10	0.50m
			white quatz-carbonate stringers oriented				

FAIRBANK ENGINEERING LTD

PROPERTY _____ HOLE No. SD-88-7

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE
			at 37 and 33 degrees to the c.a.				
			respectively, with 5% Py at the				
			contacts.				
			47.8-50.5m.: CRYSTAL TUFF, hosting a	16095	47.60	50.10	2.5m
			dense concentration of sub-rounded Ca-				
			feldspar and carbonate clots and blebs				
			up to 0.8 cm. wide. Veining and				
			microveining is moderate overall to				
			strong between 48.8 to 48.9m. and 49.7				
			to 50.1m.				
			7-8% FeS (Po > or = Py) over the				
			interval primarily occurs as clots.				
	51.67	57.58	(90%) GREYWACKE and ARGILLITE				
			Medium grey-green greywacke, intermixed				
			with minor ASH which diminishes toward				
			56.8m., is interbedded with dark grey to				
			black argillite throughout. Near the				
			upper contact, the argillite beds are up				
			to 15cm. wide and extremely diffuse and				
			deformed. They become more refined,				
			thinly and rhythmically bedded, banded				
			and laminated downhole from 55.9m. The				

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PROPERTY _____ HOLE No. SD-88-7

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE
			unit is weakly carbonate veined,				
			microveined and moderately fractured.				
			The bedding attitudes approximate the				
			following orientations:				
			15 degrees to c.a. at 52.2m.				
			12 degrees to c.a. at 55.45m.				
			14 degrees to c.a. at 56.6m.				
			17 degrees to c.a. at 57.45m.				
			3% FeS (Py>Po) occurs as finely				
			disseminated grains, clots and				
			laminations.				
			52.78-55.25: moderately carbonate +/-	16096	52.50	55.25	1.75m
			feldspar veined, brecciated and				
			intermittently blocky with iron oxide				
			staining. Rubbly (possible FAULT)				
			between 53.95-54.2				
			857.58: a very sharp contact				
			(microfault) truncating bedding at 68				
			degrees to c.a.				
	57.58-64.1(95%)		VOLCANIC ASH, CRYSTAL TUFF and GREYWACKE	16097	57.40	58.20	0.80 m
				16098	61.60	63.00	1.40 m

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PROPERTY _____ HOLE No. SD-88-7

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE
			Medium to predominantly light grey-green	16099	63.00	64.10	1.10 m
			in colour, the unit is comprised of				
			volcanic ash, crystal tuff, variably				
			intermixed with greywacke and				
			infrequently interbedded with minor (5%)				
			argillite. Showing an overall downhole				
			fining, the unit is largely fine to				
			medium grained, occasionally hosting				
			sub-rounded to sub-angular epiclasts and				
			sub-rounded feldspar +/- carbonate				
			phenocrysts / clots up to 8.3cm wide.				
			Lath to needle like mafic crystals				
			(possibly argillite) up to 8.3cm in				
			length occur sporadically throughout.				
			Along with other phenocrysts and				
			epiclasts, they show a weak sub-parallel				
			to bedding foliation approximating 32-37				
			degrees to c.a. orientation. The only				
			distinct bedding approximates 34 degrees				
			to c.a. at 63.15m. The lower contact is				
			erosional, approximating 39 degrees to				
			c.a. at 64.1m. The unit is non-				
			calcareous, weakly carbonate veined,				
			microveined and microfractured.				

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PROPERTY _____ HOLE No. SD-88-7

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE
			~~Occasional fracture / microfracture planes are chlorite (zeolite?) altered.~~				
			~~4-5% Py occurs as clots, grain aggregates, finely disseminated grains.~~				
			~~57.58-61.4: predominantly CRYSTAL/LAPILLI? TUFF with a dense, patchy distribution of feldspar-carbonate phenocrysts / clots, coarse epiclasts and 6% Py.~~				
			~~62.4-62.57: strongly iron oxide stained, carbonate veined and brecciated with a 1.5cm. wide FAULT GOUGE at the upper contact.~~				
	64.1	1-RR.R4(R5%)	GREYWACKE, ARGILLITE and VOLCANIC ASH	16100	64.10	65.15	1.05m
			Barring the higher argillite content and the absence of the crystal tuff and associated feldspar +/- carbonate phenocrysts / clots, this unit is similar to that between 57.58 to 64.1m. It is comprised of greywacke variably				

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PROPERTY _____ HOLE No. SD-88-7

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE	Au ppb		Ag ppm
			intermixed with volcanic ash/siltstone and interbedded with (20%) argillite. Overall weak carbonate veining, moderate fracturing, microfracturing and microveining is locally intense. The bedding is microfolded and microfaulted with generally sharp undulating contacts approximating the following attitudes: 24 degrees to c.a. at 64.7m. 24 degrees to c.a. at 68.8m. 19 degrees to c.a. at 74.2m. 32 degrees to c.a. at 78.5m.							
			64.1-78.41: largely blocky with rubbly (possible FAULTs) sections between ;65.4-65.53m.; 68.8-68.95m.; 69.5-69.9m.	16101	65.15	66.00	0.85m			
				16102	66.00	67.70	1.70m			
				16103	68.65	69.40	0.75m			
				16104	69.40	69.95	0.55m			
			72.25-72.41: clayey, rubbly FAULT GOUGE	16105	69.95	72.00	2.05m			
				16106	72.00	72.50	0.50m	2		0.9
			72.75-73.3: weakly carbonate veined and brecciated, broken and blocky section.	16107	72.50	74.70	2.20m	2		0.5
			74.7-88.84: moderately foliated, carbonate microveined and microfractured	16108	77.11	79.20	2.09m	3		0.1

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PROPERTY _____ HOLE No. SD-88-7

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE	Au ppb		Ag ppm
			~~ab 76 degrees to c.a., with strong iron~~	16109	79.20	80.04	0.84m	25		0.4
			~~oxide staining between 79.3 to 80.04m.~~							
	80.04	80.34	(0%) ~~MAJOR FAULT~~							
			~~A 34.0cm wide VOID~~							
	80.34	80.51	(95%) ~~MINERALIZED ZONE: BULL-SUGARY WHITE~~	16110	80.34	80.70	0.36m	204		102
			QUARTZ VEIN hosting minor, sheared wall							
			rock inclusions / laminations. A 2.0cm.							
			wide and 1.5cm. wide shear breccia							
			occurs at the upper and lower contacts							
			respectively. Shearing approximates 78							
			degrees to c.a. orientation.							
			3-4% Py occurs as lustry crystals,							
			grains and grain aggregates at the wall							
			rock inclusions / laminations only.							
	80.51	82.7	(95%) FOOTWALL: SHEARED AND BRECCIATED	16111	80.70	81.70	1.0m	40		0.6
			GREYWACKE, VOLCANIC ASH and ARGILLITE.							
			The unit is comprised of medium to light							
			greenish grey, intermixed greywacke and							
			volcanic ash, interbedded / banded with							
			argillite. The unit is strongly							
			brecciated, carbonate veined /							

FAIRBANK ENGINEERING LTD

PROPERTY _____ HOLE No. SD-88-7

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE	Au ppb		Ag ppm
			~~microveined and sheared. The resultant~~							
			~~shear banding approximates 70-80 degrees~~							
			~~to c.a. orientation. The intensity of~~							
			~~deformation and sulfide mineralization~~							
			~~decreases toward the lower contact.~~							
			~~7% Py over the interval occurs as~~							
			~~lustry crystals, clots, grains and grain~~							
			~~aggregates almost invariably associated~~							
			~~with the carbonate veining. Minor Py is~~							
			~~finely disseminated throughout.~~	16112	81.70	83.30	1.60m	3		0.5
	82.7	88.7	(95%) ~~GREYWACKE and ARGILLITE~~							
			(=EOH) Equiproportionally interbedded medium							
			grey, calcareous greywacke and dark grey							
			to black argillite. The unit is weakly							
			to moderately microfolded, microfaulted							
			and carbonate microveined. Averaging							
			5.0cm. in width, the argillite beds are							
			banded to finely laminated, with							
			undulating contacts approximating the							
			following attitudes:							
			8 degrees to c.a. at 83.8m.							
			27 degrees to c.a. at 85.0m.							
			23 degrees to c.a. at 86.5m.							

PROPERTY _____

FAIRBANK ENGINEERING LTD

HOLE No. SD-88-7

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE				
			23 degrees to c.a. at 87.3m.								
			2-3% Py over interval occurs as clots, finely disseminated grains and laminations.								

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PROPERTY SILVER DOLLAR

HOLE No. DDH-88-08

DIP TEST		
	Angle	
Footage	Reading	Corrected

Grid Location: 32.34N/32.32W Bearing: N/A Total Depth: 101.19 m

Date Started: 03/28-88 Elev. Collar: 235.44m (wrt IP#1) Logged By: D. CHRONIC

Date Finished: 03/30-88 Collar Dip: -90° Core Size: NQ

N.T.S.: 82 F 3

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE				
0	6.10		CASING								
6.10	9.75	85%	GREYWACKE & ARGILLITE	16113	6.10	9.75	2.65m				
			Broken, blocky, weakly weathered and clay altered section comprised of dark to medium grey GREYWACKE interbedded with minor black ARGILLITE. The unit is intermittently veined with CO_3, feldspar and rarely quartz. Veining is associated with weak brecciation. Veining and bedding is irregular and contorted to segmented. The only reliable bedding attitudes approximate 26° to c.a. @ 8.5m.								
			3-4% Py over interval occurs as clots and finely disseminated grains.								
9.75	330.6	90%	GREYWACKE								
			Predominantly medium grey in colour, infrequently grading to dark grey where intermixed with muddy material. It is moderately sorted, largely fine grained								

FAIRBANK ENGINEERING LTD

PROPERTY

HOLE No. DDH 88-08

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE	Au ppb		Ag ppm	
			with rare coarser sandy beds (ie 14.1 to 15.4m)								
			The unit is massive in appearance, hosting minor (5%) ARGILLITE interbands/beds.								
			The ARGILLITE bands/beds are extremely rare and diffuse near the upper contact, becoming more prominant and refined toward the lower contact. Calcareous patches occur throughout. The unit is weakly CO_3 - Ca Feldspar veined and microveined.								
			Although variably oriented, the microveins/ microfractures show a weak tendency to shallow from 75° to c.a. @ upper contact to 30° to c.a. @ 17.0m. The unit is sporadically fractured and blocky with iron oxide coated fracture planes.								
			2% FeS (Py > Po) occurs as finely disseminated grains, clots, laminations and coatings along fracture planes, with affinity towards CO_3 veining and rare argillite.								
			13.27 - 14.03: VEIN BRECCIA; irregular CO_3 vein/ injection hosting angular, brecciated wall rock fragments and 3% finely disseminated Py	16114	13.41	14.30	0.89m	12		0.4	

FAIRBANK ENGINEERING LTD

PROPERTY _____ HOLE No. DDH-88-08

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE	Ag ppb		Ag ppm	
			@ 14.8m: probable FAULT GAUGE; CO_3, wall rock and minor quartz fragments within clayey matrix	16115	14.50	15.95	1.35m	4		0.9	
			@ 17.5m: VEIN BRECCIA; 1.5 cm wide network of CO_3 stringers and blebs approximating 24° to c.a. orientation, hosting brecciated wall rock fragments and minor Py.								
			20.96 - 20.12m: dirty CO_3 - FELDSPAR - QUARTZ VEIN; up to 0.9cm. wide, approximating 68° to c.a. orientation, hosting brecciated wall rock fragments and minor Py.								
			21.62 - 21.95m: possible FAULT; broken and rubbly core.	16116	21.40	21.95					
23.06	52.33	90%	GREYWACKE AND ARGILLITE. Medium grey GREYWACKE equiproportionally and rhythmically interbedded with dark grey to black Argillite. Downhole from 51.5m, the greywacke becomes increasingly intermixed with volcanic A°H. The unit has undergone soft sediment deformation, minor micro-faulting and microfolding. Overall, the unit is moderately CO_3 veined/microveined								

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PROPERTY _____ HOLE No. DDH-88-08

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE				
			although locally, it is strongly veined, microveined and brecciated. The greywacke, notably the thicker beds are occasionally calcareous. The argillite beds, averaging 4.0 cm in width show undulating contacts approximating;								
			14° @ 28.9m 34° @ 39.9m								
			27° @ 29.3m 28° @ 40.9								
			19° @ 31.4m 32° @ 42.8								
			27° @ 33.9m 33° @ 47.8								
			32° @ 37.4m 39° @ 50.5								
			3% Py occurs as finely disseminated grains, clots, laminations and coatings along fracture planes, showing strong affinity toward CO_3 veining and argillite.								
			24.75 - 27.15m: GREYWACKE; identical to that between 9.75 - 23.06m								
			30.6 - 32.1m: GREYWACKE; same as above with minor (5%) ARGILLITE interbands/beds								
			34.9 - 35.2m: Mottled ARGILLITE bed								

FAIRBANK ENGINEERING LTD

PROPERTY _____ HOLE No. DDH-88-08

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE
			35.3-36.90 m: CO_2 VEINED, MICROVEINED and locally BRECCIATED interbedded ARGILLITE and GREYWACKE, hosting 3-4% Py.	16117	35.25	36.90	1.65m
			45.3-46.7 m: GREYWACKE, identical to that between 8.35m-23.06m, with minor (5%) ARGILLITE				
			50.5-50.6 m: strong CO_2 VEINING, up to 2.0cm. wide oriented @ 41° to c.a.				
			52.51-52.61 m: VOLCANIC WACKE LENS; light greyish-beige, intermixed mechanical sediments with volcanic ASH, hosting 4-5% Py as laminations.	16118	51.27	52.61	1.34m
52.73	53.68	90%	GREYWACKE, ARGILLITE & CRYSTAL TUFF (possibly QUARTZ-FELDSPAR PORPHYRY?) The unit is equiproportionally comprised of creamy light green, FELSIC CRYSTAL TUFF interbedded with strongly SHEARED and BRECCIATED, interbanded GREYWACKE and ARGILLITE. The TUFF is weakly clay/white mica altered and hosts sub-rounded				

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PROPERTY _____ HOLE No. DDH-88-08

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE
			QUARTZ-FELDSPAR phenocrysts up to 0.3cm wide. It is competent and massive in appearance. The GREYWACKE and ARGILLITE is strongly QUARTZ, FELDSPAR and CO_2 VEINED, SHEARED and BRECCIATED. The veining and brecciation increases toward the lower contact. The shearing, veining and unit contacts all approximate 72°-80° to c.a. orientation. 2-3% Py over interval is finely disseminated and clotty, showing affinity toward veining.				
			@ 52.73 & @ 53.52m: 1.5cm. wide SHEAR GOUGES				
				16119	52.61	54.00	1.39m
			53.56-53.68m: FELDSPAR-CO_2 VEIN BRECCIA hosting angular wall rock fragments.				
53.68	54.94	90%	GREYWACKE AND VOLCANIC WACKE. Light to medium grey in colour, the unit is comprised of greywacke variably intermixed with volcanic ASH, interbanded with minor (10%) ARGILLITE. The unit is weakly CO_2 veined and brecciated near upper and lower contacts.				

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PROPERTY _____ HOLE No. DDH - 88 - 08

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE
			4-5% Py over interval primarily occurs as clots and laminations and lesser as finely disseminated grains. The concentration of Py decreases downhole.				
			54.1 - 54.45 m : Strongly iron oxide stained patches				
			@ 54.94 m: Irregular cold contact with underlying unit approximating 40° to c.a. orientation.				
				16120	54.0	56.0	2.0m
54.94	56.00	90%	(Recrystallized ?) FELSIC-CRYSTAL TUFF (possibly QUARTZ-FELDSPAR PORPHYRY), creamy light grey to light greenish beige in colour, aphanitic with uniformly distributed Py clots. The unit is hard (H=5.0) massive in overall appearance with infrequent dark grey to black (SILICIFIED ARGILLITE ?) laminations. The unit is strongly fractured / microfractured with overbearing PATCHY IRON OXIDE STAINING. 5% Py over interval almost exclusively occurs as clots and lesser as finely disseminated grains.				

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PROPERTY _____ HOLE No. DDH - 88 - 08

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE
			@ 56.0 (lower contact) : possible FAULT ; broken and blocky over 1.5 cm				
56.0	60.95	80%	GREYWACKE Medium grey GREYWACKE sporadically inter-bedded with minor (15%) ARGILLITE. Overall, the unit is weakly CO_2 veined and micro-veined. The argillite bedding sequences, which average <10cm. in width are moderately to strongly CO_2 veined, microveined and contorted to brecciated. 3-4% Py over interval occurs as clots, finely disseminated grains, grain aggregates and laminations showing strong affinity toward argillite and CO_2 veining.				
			56.00-56.30m: Strong, patchy iron oxide staining associated with fractures and microfractures.	16121	56.0	57.75	1.75m
			57.9 - 59.6 m: FAULT ; blocky and broken core with 1.3 cm. wide shear @ 57.9 m, oriented at approximately 75° to c.a.	16122	57.75	58.70	0.95m
			60.00 - 60.95 m: GREYWACKE; identical to that				

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DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE
			between 8.75m to 23.06m.				
				16123	60.50	61.70	1.20m
			@ 60.95m : Lower contact is delimited by a 0.7cm wide CO_2 vein oriented at 38° to c.a.				
60.95	63.75	95%	(Recrystallized?) FELSIC-CRYSTAL TUFF (possibly QUARTZ-FELDSPAR PORPHYRY) Similar to that between 54.94m to 56.00m. Creamy light grey to light greenish beige in colour with uniformly distributed Po and lesser Py clots. The unit is weakly to moderately microfractured and CO_2 microveined. 4-5% FeS (Po > Py): Po almost exclusively occurs as clots throughout; Py occurs as clots, finely disseminated grains, grain aggregates with strong affinity towards CO_2 micro-veining.				
			63.5 - 63.75m: SHEARED, CO_2 VEINED, BRECCIATED ARGILLITE? hosting 5-7% Py as grain aggregates, clots and finely disseminated grains.	16124	63.05	64.00	0.95m
			@ 63.75m: Irregular, wavy contact.				

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PROPERTY _____ HOLE No. DDH - 88-08

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE
63.75	78.30	95%	REWORKED GREYWACKE, ARGILLITE & VOLCANIC WACKE	16125	64.27	66.45	2.18m
				16126	73.35	75.40	2.05m
			Predominantly GREYWACKE variably intermixed with volcanogenic clasts and ASH, hosting sub-rounded to sub-angular RIP-UP CLASTS up to 3.5cm wide. The rip-up clasts are predominantly comprised of interbanded argillite and greywacke, lesser volcanic wacke, tuff and ash and minor feldspar and quartz grains/crystals. Although variably oriented, the rip-up clasts are preferentially elongate sub-parallel to bedding. This is especially evident with the finer clasts. Two major downhole fining sequences are evident. Rip-up clasts, predominantly comprised of interbanded argillite and greywacke, up to 3.5cm wide at 65.6m, grade to an interbedded greywacke and argillite unit at 70.0m, which persists to 73.65m. Another fining sequence commences at 73.65m, where greywacke, argillite and volcanogenic rip-up clasts up to 0.8cm wide grade to an interbedded argillite and silty volcanic wacke unit at				

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PROPERTY _____ HOLE No. DDH - 88 - 08

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE				
			75.4 m, which persists to 78.7 m. Over the entire interval, a downhole increase in volcanogenic sediments and an overall fining is evident. The unit is moderately CO_3 veined, microveined and microfractured. It has undergone soft sediment deformation, microfolding and microfaulting and weak brecciation. Where bedding is discernable, the beds are contorted to segmented, approximating 28° and 26° to c.a. orientation at 72.0 m and 77.9 m respectively. 4% FeS (Py > Po) over interval primarily occurs as clots within the volcanogenic sediments and, fine crystals, grains and grain aggregates throughout showing affinity toward CO_3 veining.								
			CO_3 veined, blocky to broken and rubbly with iron oxide coated fracture planes between 68.9 to 69.1 m ; 69.35 to 70.2m ; 70.85 to 71.3 m ; 76.9 to 77.1 m.								

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PROPERTY _____ HOLE No. DDH - 88 - 08

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE	Au ppb		Ag ppm	
79.36	80.88	15%	MUDDY INTERMEDIATE CRYSTAL TUFF? (ANDESITE DYKE?) Dark brown in colour with feldspar - CO_3 phenocrysts up to 0.2 cm. wide and a biotite rich, compositionally intermediate matrix. Massive in appearance, the unit is soft (clay altered). Both the upper and lower contacts approximate 41° to c.a. orientation, delimited by a possible chill margin. 2% Py over interval primarily occurs as finely disseminated grains.	16127	78.20	79.15	0.95m	8		1.5	
			79.15 - 79.5 m.: Strongly veined with CO_3 - feldspar stringers and stringer networks up to 4.5 cm. wide, oriented at 68° to c.a. The interval is strongly clay/ serpentine altered and pearly green in colour.	16128	79.15	79.55	0.40m	6		0.1	
80.88	101.19	15%	GREYWACKE, ARGILLITE AND VOLCANIC WACKE Predominantly medium to light grey in colour with infrequent dark grey, muddy beds. The greywacke becomes diffuse and mottled downhole as the proportion of intermixed volcanic ASH increases.								

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PROPERTY _____ HOLE No. DDH-88-08

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE #	FROM	TO	WIDTH OF SAMPLE				
			The wacke is occasionally interbedded with (20%) ARGILLITE. The attitudes of the undulating to contorted argillite beds approximate:								
			4° to c.a. @ 85.9 m								
			7° to c.a @ 88.7 m								
			22° to c.a @ 90.0 m								
			32° to c.a @ 92.6 m								
			The unit is moderately Feldspar - CO_3 microveined and microfractured. 2% Py over interval occurs as clots, finely disseminated, coatings along microfracture planes and as CO_3 - feldspar replacement.								
			85.7 - 88.9 m: Dark grey, muddy greywacke interbedded with (30%) ARGILLITE								
			91.0 - 91.7 m: Strongly microveined / microfractured								
			EOH @ 101.19 m								

APPENDIX C

GEOCHEMICAL ANALYTICAL METHODS

PHONE: (604) 980-5814 or 988-4524 TELEX: 04-352828

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

FIRE GOLD GEOCHEMICAL ANALYSIS BY MIN-EN LABORATORIES LTD.

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

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

A suitable sample weight 15.00 or 30.00 grams are fire assay preconcentrated.

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

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

With a set of suitable standard solution gold is analysed by Atomic Absorption instruments. The obtained detection limit is 1 ppb.

PHONE 980-5814

MIN-EN Laboratories Ltd.

Specialists in Mineral Environments

Corner 15th Street and Bewicke
705 WEST 15TH STREET
NORTH VANCOUVER, B.C.
CANADA V7M 1T2

GOLD GEOCHEMICAL ANALYSIS BY MIN-EN LABORATORIES LTD.

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

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

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

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

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

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

RECOMMENDED PROCEDURE FOR FIRE ASSAY GOLD AND SILVER

Samples are dried at 120°F and after being crushed on a primary crusher to ¼ inch size they are crushed on a secondary crusher to minus 10 mesh before being split on Jone's riffle. (In accordance with Gy's statistical rules).

At the splitting a 500 gram subsample is obtained which is pulverized to minus 100 mesh. After that the sample is mixed, rolled and quartered.

The assay is carried out on a one half assay ton sample, fire assayed at 1750°C with appropriate fluxes.

The lead bottom is than cupeled. (The silver bid can be weighed and the amount calculated, but it's accuracy is questionable.) Than the small bid is dissolved in aqua regia and analysed on the atomic absorption instrument for gold.

Results can be reported either in oz/ton 0.001 sensitivity or gram per metric ton upon request.

In every batch of 20 samples we have one in house natural standard.

For silver a completely separate assay is preferred on a 5.000 gram of subsample, where the sample is dissolved in aqua regia with a chemical separation and filtering. The amount of silver is determined by Atomic Absorption instrumentation.

PHONE 980-5814

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

ANALYTICAL PROCEDURE REPORTS FOR ASSESSMENT WORK.

PROCEDURES FOR, Cu, Mo, Cd, Pb, Mn, Ni, Ag, Zn.

Samples are processed by Min-En Laboratories Ltd. at 705 W. 15th St., North Vancouver Laboratory employing the following procedures.

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

1.0 gram of the samples are digested for 6 hours with HNO_3 and $HClO_4$ mixture.

After cooling samples are diluted to standard volume. The solutions are analysed by Atomic Absorption Spectrophotometers.

Copper, lead, zinc, silver, cadmium, cobalt, nickel and manganese are analysed using the CH_2H_2-Air flame combination but the molybdenum determination is carried out by C_2H_2-N_2O gas mixture directly or indirectly (depending on the sensitivity and detection limit required) on these sample solutions.

Background corrections for Pb, Ag, Cd upon request are completed.

PHONE: (604) 980-5814 or 988-4524 TELEX: 04-352828

MIN-EN Laboratories Ltd.

Specialists in Mineral Environments

Corner 15th Street and Bewicke
705 WEST 15TH STREET
NORTH VANCOUVER, B.C.
CANADA V7M 1T2

Analytical Procedure Report for Assessment Work

31 Element ICP

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

Samples are processed by Min-En Laboratories Ltd., at 705 West 15th Street, North Vancouver, employing the following procedures.

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

1.0 gram of the sample is digested for 4 hours with an aqua regia $HClO_4$ mixture.

After cooling samples are diluted to standard volume. The solutions are analysed by computer operated Jarrall Ash 9000 ICAP or Jobin Yvon 70 Type II Inductively Coupled Plasma Spectrometers. Reports are formatted and printed using a dot-matrix printer.

APPENDIX D

SOIL SAMPLE RESULTS

MIN
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LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

VANCOUVER OFFICE:
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NORTH VANCOUVER, B.C. CANADA V7M 1T2
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TIMMINS OFFICE:
[illegible]
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE (705) 264-9996

Certificate of Geochem

Company:FAIRBANK ENGINEERING
Project:SILVER DOLLAR (S.D)
Attention:B.FAIRBANK

File:8-693/P2
Date:JUNE 19/88
Type:SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	AU-WET PPB
L100E 050N	144	54	219	1.1	10
L100E 075N	139	37	103	0.8	30
L100E 100N	121	43	207	0.8	5
L100E 125N	152	38	169	0.7	5
L100E 150N	95	49	212	0.9	5
L100E 175N	91	27	213	1.2	5
L100E 200N	113	42	254	1.0	5
L100E 225N	134	24	302	1.1	5
L100E 250N	67	33	167	0.9	5
L100E 275N	72	31	248	0.9	5
L100E 300N	95	88	777	0.9	5
L50E 00BL	102	32	201	0.9	5
L50E 025S	109	34	274	0.8	5
L50E 050S	88	29	268	0.9	5
L50E 075S	372	2530	3580	100.0	3600
L50E 100S	103	167	302	2.0	170
L50E 125S	69	29	234	1.2	5
L50E 150S	37	31	291	0.9	5
L50E 175S	102	56	204	0.8	5
L50E 200S	NO SAMPLE				
L50E 025N	122	42	191	0.7	5
L50E 050N	91	27	208	0.8	5
L50E 075N	129	33	221	0.7	5
L50E 100N	93	29	276	0.8	5
L50E 125N	106	23	217	1.2	10
L50E 150N	93	24	159	0.9	5
L50E 175N	76	45	198	0.8	5
L50E 200N	87	39	283	0.9	5
L50E 225N	82	67	516	0.9	5
L50E 250N	114	51	207	1.0	5

Certified by _____

MIN-EN LABORATORIES LTD.

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SPECIALISTS IN MINERAL ENVIRONMENTS

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33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE (705) 264-9996

Certificate of GEOCHEM

Company:FAIRBANK ENGINEERING
Project:SILVER DOLLAR (S.D)
Attention:B.FAIRBANK

File:8-693/P1
Date:JUNE 19/88
Type:SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	AU-WET PPB
L200W 00BL	81	34	463	0.9	5
L200W 025S	98	28	471	0.8	5
L200W 050S	129	39	511	1.2	10
L200W 075S	57	37	623	0.8	5
L200W 100S	106	31	414	1.0	5
L200W 125S	157	38	286	1.3	5
L200W 150S	173	34	319	1.0	5
L200W 175S	57	29	335	1.2	10
L200W 200S	93	26	229	0.8	5
L200W 025N	82	29	306	0.7	5
L200W 050N	86	95	462	1.0	5
L200W 075N	NO SAMPLE				
L200W 100N	99	43	248	1.3	5
L200W 125N	98	51	263	1.2	5
L200W 150N	103	52	526	1.8	5
L200W 175N	84	48	349	1.3	10
L200W 200N	185	22	184	1.2	10
L200W 225N	211	56	242	1.0	5
L200W 250N	286	31	536	1.9	5
L200W 275N	308	52	521	1.6	5
L200W 300N	NO SAMPLE				
L100E 00BL	95	29	243	0.8	5
L100E 025S	101	34	302	0.9	5
L100E 050S	89	28	217	0.9	5
L100E 075S	73	33	257	0.7	5
L100E 100S	167	21	176	0.8	5
L100E 125S	111	49	162	1.1	5
L100E 150S	118	36	214	1.0	10
L100E 175S	115	31	169	1.1	5
L100E 025N	129	33	211	0.9	5

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TIMMINS OFFICE:
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TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Certificate of Geochem

Company:FAIRBANK ENGINEERING
Project:SILVER DOLLAR (S.D)
Attention:B.FAIRBANK

File:8-693/P4
Date:JUNE 19/88
Type:SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	AU-WET PPB
L100W 000N	93	32	189	1.0	5
L100W 025N	75	27	158	1.3	5
L100W 050N	66	23	176	0.8	10
L100W 075N	44	34	264	0.9	5
L100W 100N	53	109	347	0.6	5
L100W 125N	55	58	342	0.9	10
L100W 150N	58	[illegible]	519	0.8	5
L100W 175N	119	33	351	1.2	5
L100W 200N	157	56	[illegible]	1.1	5
L100W 225N	[illegible]	57	364	1.[illegible]	5
L100W 250N	148	41	339	0.9	5
L100W 275N	181	33	411	0.8	5
L100W 300N	154	57	392	0.8	5
L50W 00BL	85	32	178	0.9	5
L50W 025S	83	27	157	0.6	5
L50W 050S	84	39	219	0.8	5
L50W 075S	78	28	204	0.9	10
L50W 100S	73	42	247	0.7	5
L50W 125S	31	37	301	0.8	5
L50W 150S	116	33	262	0.9	10
L50W 175S	49	26	93	0.7	10
L50W 025N	43	29	294	0.8	5
L50W 050N	72	30	217	0.9	5
L50W 075N	53	116	423	0.6	5
L50W 100N	54	93	498	0.7	5
L50W 125N	59	62	632	0.8	5
L50W 150N	78	49	147	1.1	5
L50W 175N	67	34	179	0.9	10
L50W 200N	82	64	187	1.3	5
L50W 225N	141	39	222	0.7	5

Certified by Eric Jones

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Certificate of Geochem

Company:FAIRBANK ENGINEERING
Project:SILVER DOLLAR (S.D)
Attention:B.FAIRBANK

File:8-693/P3
Date:JUNE 19/88
Type:SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	AU-WET PPB
L50E 275N	77	29	253	0.9	10
L50E 300N	58	23	204	1.0	5
L200E 00BL	75	34	313	1.1	5
L200E 025S	64	36	309	0.9	5
L200E 050S	67	39	214	0.8	5
L200E 075S	65	28	168	0.7	5
L200E 100S	104	27	149	0.8	5
L200E 125S	105	34	282	1.0	10
L200E 150S	84	23	319	0.9	5
L200E 175S	62	26	241	0.7	5
L200E 200S	74	104	247	1.7	5
L200E 025N	116	25	252	0.9	10
L200E 050N	57	37	313	0.8	10
L200E 075N	66	26	229	0.9	5
L200E 100N	89	29	253	0.7	10
L200E 125N	73	47	279	0.9	10
L200E 150N	92	42	168	0.9	5
L200E 175N	137	41	221	1.0	5
L200E 200N	83	44	213	0.7	5
L200E 225N	119	56	342	0.9	10
L200E 250N	82	27	339	1.3	10
L200E 275N	121	43	238	1.0	5
L200E 300N	174	39	254	1.1	5
L100W 025S	71	33	143	1.2	10
L100W 050S	ND SAMPLE				
L100W 075S	39	41	151	0.7	5
L100W 100S	71	32	371	0.9	5
L100W 125S	46	37	394	0.8	5
L100W 150S	48	43	322	0.8	5
L100W 175S	51	56	169	0.7	5

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Certificate of Geochem

Company: FAIRBANK ENGINEERING
Project: SILVER DOLLAR (S.D)
Attention: B.FAIRBANK

File: 8-693/P6
Date: JUNE 19/88
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	AU-WET PPB
L150E 150S	72	37	229	0.8	5
L150E 175S	58	19	128	0.9	10
L150E 200S	53	45	297	0.8	5
L150E 025N	128	43	205	0.7	5
L150E 050N	189	34	241	1.2	10
L150E 075N	121	26	202	1.0	5
L150E 100N	112	32	279	0.8	5
L150E 125N	183	33	228	0.7	5
L150E 150N	162	34	173	0.8	5
L150E 175N	126	29	189	1.0	10
L150E 200N	91	35	273	1.0	5
L250E 025S	94	26	242	0.7	5
L250E 050S	73	34	361	0.8	5
L250E 075S	101	28	206	0.9	5
L250E 100S	69	27	229	0.9	10
L250E 125S	58	29	324	0.8	5
L250E 150S	39	31	293	0.9	5
L250E 175S	64	34	387	0.8	5
L250E 200S	34	21	88	0.6	5
L250E 225S	38	49	129	0.7	5
L250E 00NBL	119	36	227	0.9	5
L250E 025N	93	31	219	0.9	5
L250E 050N	96	34	184	0.8	5
L250E 075N	63	23	263	0.9	5
L250E 100N	109	32	276	1.2	10
L250E 125N	81	29	242	0.8	5
L250E 150N	102	38	261	0.7	10
L250E 175N	117	37	205	0.8	5
L250E 200N	69	159	614	0.8	5
L250E 225N	86	35	281	0.9	5

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Certificate of Geochem

Company: FAIRBANK ENGINEERING
Project: SILVER DOLLAR (S.D)
Attention: B.FAIRBANK

File: 8-693/P5
Date: JUNE 21/88
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	AU-WET PPB
L50W 250N	60	23	360	0.9	5
L50W 275N	62	84	320	0.8	5
L50W 300N	118	19	255	0.8	5
L150W 025S	60	21	425	0.6	10
L150W 050S	94	27	470	0.7	5
L150W 075S	84	18	660	0.9	5
L150W 100S	98	30	565	0.8	5
L150W 125S	76	36	780	0.9	5
L150W 150S	61	42	420	0.7	5
L150W 175S	114	28	225	0.8	5
L150W 200S	56	31	165	0.8	10
L150W 00NBL	93	23	460	0.9	5
L150W 025N	200	38	445	0.8	5
L150W 050N	169	47	610	0.9	10
L150W 075N	164	21	405	0.7	5
L150W 100N	223	42	435	1.3	10
L150W 125N	150	23	310	0.9	5
L150W 150N	190	29	415	0.8	5
L150W 175N	178	21	205	0.7	10
L150W 200N	339	26	860	1.2	5
L150W 225N	152	40	360	0.8	5
L150W 250N	298	44	690	1.6	5
L150W 275N	NO SAMPLE				
L150W 300N	249	22	530	0.9	5
L150E 0BL	78	24	245	0.7	5
L150E 025S	58	18	255	0.8	5
L150E 050S	63	21	340	0.6	10
L150E 075S	44	14	315	0.7	5
L150E 100S	60	22	240	0.8	5
L150E 125S	40	26	350	0.9	5

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TELEPHONE: (705) 264-9996

Certificate of Geochem

Company: FAIRBANK ENGINEERING
Project: SILVER DOLLAR (S.D)
Attention: B.FAIRBANK

File: 8-693/P7
Date: JUNE 19/88
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	AU-WET PPB
L250E 250N	101	38	229	0.8	5
L250E 275N	135	27	242	0.7	5
L250E 300N	127	45	239	0.9	5
L150E 225N	158	33	223	0.7	5
L150E 300N	174	29	419	0.9	10
L150E 250N	75	32	248	0.8	15
L150E 275N	94	46	567	1.1	5

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TELEPHONE: (705) 264-9996

Certificate of Geochem

Company:FAIRBANK ENGINEERING
Project:SILVER DOLLAR (S.D)
Attention:B.FAIRBANK

File:8-694/P2
Date:JUNE 21/88
Type:SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	AU-WET PPB
LOW 075N	203	49	225	0.7	5
LOW 100N	112	8	295	1.0	5
LOW 125N	78	69	530	0.9	5
LOW 150N	93	20	215	0.8	5
LOW 175N	97	16	300	1.0	10
LOW 200N	113	31	335	0.9	10
LOW 225N	152	24	795	1.4	20
LOW 250N	91	17	240	0.8	5
LOW 275N	82	28	230	0.9	5
LOW 300N	89	20	195	0.7	5

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TELEPHONE: (705) 264-9996

Certificate of GEOCHEM

Company:FAIRBANK ENGINEERING
Project:SILVER DOLLAR (S.D)
Attention:B.FAIRBANK

File:8-694/P1
Date:JUNE 21/88
Type:SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	AU-WET PPB
L300E 00BL	108	25	250	0.7	5
L300E 025S	109	29	265	0.6	5
L300E 050S	102	32	290	0.8	10
L300E 075S	112	24	255	0.7	10
L300E 100S	105	23	235	0.8	5
L300E 125S	81	28	295	0.9	5
L300E 150S	103	22	250	0.8	5
L300E 175S	58	23	235	0.7	130
L300E 200S	79	58	270	0.6	5
L300E 025N	126	29	260	0.8	5
L300E 050N	135	36	315	0.7	5
L300E 075N	78	27	265	0.7	5
L300E 100N	87	30	255	0.8	5
L300E 125N	NO SAMPLE				
L300E 150N	83	24	325	0.6	5
L300E 175N	69	33	260	0.7	5
L300E 200N	88	22	158	0.8	10
L300E 225N	90	26	159	0.8	5
L300E 250N	86	31	230	0.6	5
L300E 275N	170	30	225	0.8	5
L300E 300N	183	24	210	0.9	5
LOW 025S	139	98	485	0.8	5
LOW 050S	162	415	650	1.0	150
LOW 075S	117	28	205	0.9	5
LOW 100S	89	43	310	0.7	5
LOW 125S	74	37	315	0.9	5
LOW 150S	52	36	310	1.2	230
LOW 000N	102	48	355	1.0	5
LOW 025N	127	54	230	0.9	5
LOW 050N	153	35	210	0.8	5

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Certificate of Geochem

Company: FAIRBANK ENGINEERING LTD.
Project: SILVER DOLLAR (SD)
Attention: D. CHRONEOZONE

File: 8-794/P2
Date: JULY 2/88
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	AU-WET PPB
L500W 00BL SD-S	108	57	260	1.1	10
L500W 025S SD-S	109	38	375	1.2	5
L500W 050S SD-S	96	54	320	1.4	5
L500W 075S SD-S	64	169	415	0.6	5
L500W 100S SD-S	68	51	590	0.7	5
L500W 125S SD-S	114	48	560	0.8	10
L500W 150S SD-S	40	53	465	0.9	5
L500W 175S SD-S	51	62	375	0.6	5
L500W 200S SD-S	42	28	350	1.0	5
L500W 225S SD-S	50	52	325	0.7	5
L400E 300N SD-S	128	46	290	1.2	5
L400E 275N SD-S	97	44	270	1.0	5
L400E 250N SD-S	90	83	260	1.0	5
L400E 225N SD-S	110	61	245	1.1	5
L400E 200N SD-S	96	76	225	1.2	10
L400E 175N SD-S	98	67	205	1.2	5
L400E 150N SD-S	100	53	200	1.2	5
L400E 125N SD-S	82	49	265	1.1	5
L400E 100N SD-S	84	38	410	1.4	5
L400E 075N SD-S	93	40	250	1.0	5
L400E 050N SD-S	68	42	425	1.2	5
L400E 025N SD-S	119	60	370	2.2	5
L400E 00BL SD-S	89	42	305	0.8	5
L400E 025S SD-S	78	36	275	1.0	5
L400E 050S SD-S	115	35	152	0.6	5
L400E 075S SD-S	87	30	205	0.7	10
L400E 100S SD-S	93	38	230	1.1	5
L400E 125S SD-S	88	34	260	0.8	5
L400E 150S SD-S	62	36	200	0.7	5
L400E 175S SD-S	51	42	310	0.9	5

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SPECIALISTS IN MINERAL ENVIRONMENTS

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Certificate of GEOCHEM

Company: FAIRBANK ENGINEERING
Project: SILVER DOLLAR (SD)
Attention: D. CHRONEOZONE

File: 8-794/P1
Date: JULY 2/88
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	AU-WET PPB
L400W 300N SD-S	230	51	525	2.5	5
L400W 275N SD-S	147	68	430	1.3	5
L400W 250N SD-S	149	47	435	1.9	5
L400W 225N SD-S	122	59	625	1.9	5
L400W 200N SD-S	98	60	615	1.1	5
L400W 175N SD-S	97	44	590	1.2	5
L400W 150N SD-S	111	38	500	1.0	5
L400W 125N SD-S	95	39	455	1.4	5
L400W 100N SD-S	117	45	700	1.8	5
L400W 075N SD-S	72	57	440	1.7	10
L400W 050N SD-S	118	66	295	2.0	5
L400W 025N SD-S	101	50	310	1.4	5
L400W 00BL SD-S	59	41	265	1.1	5
L400W 025S SD-S	90	49	270	1.2	5
L400W 050S SD-S	78	38	370	1.1	5
L400W 075S SD-S	95	48	430	1.2	10
L400W 100S SD-S	127	52	585	1.3	5
L400W 125S SD-S	103	39	460	1.0	5
L400W 150S SD-S	73	39	545	1.1	5
L400W 175S SD-S	108	43	620	1.1	5
L500W 300N SD-S	174	37	490	1.5	10
L500W 275N SD-S	167	46	700	2.0	5
L500W 250N SD-S	185	58	1150	2.9	5
L500W 225N SD-S	190	39	485	2.3	5
L500W 200N SD-S	275	53	760	1.8	5
L500W 175N SD-S	146	37	385	1.9	5
L500W 125N SD-S	102	103	600	1.5	10
L500W 075N SD-S	93	42	420	1.1	5
L500W 050N SD-S	87	34	505	1.1	5
L500W 025N SD-S	98	45	710	1.0	5

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TELEPHONE: (705) 264-9996

Certificate of Geochem

Company: FAIRBANK ENG.LTD.
Project: SILVER DOLLAR (SD)
Attention: D.CHROMEOZONE

File: 8-794/P4
Date: JULY 5/88
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	AU-WET PPB
L600E 125N SD-S	48	42	338	1.9	5
L600E 100N SD-S	74	41	297	1.0	5
L600E 075N SD-S	69	33	380	1.1	10
L600E 050N SD-S	47	39	353	1.0	5
L600E 025N SD-S	44	26	284	1.2	5
L600E 000BL SD-S	51	32	273	1.9	5
L600E 025S SD-S	48	30	337	1.0	5
L600E 050S SD-S	50	25	199	1.1	5
L600E 075S SD-S	57	31	307	1.4	10
L600E 100S SD-S	52	23	241	1.0	5
L600E 125S SD-S	31	26	264	1.9	5
L600E 150S SD-S	44	28	248	0.7	5
L600E 175S SD-S	45	29	277	1.9	5
L600E 200S SD-S	46	27	214	1.8	5
L600E 225S SD-S	53	31	206	0.9	5
L600E 250S SD-S	62	23	187	0.7	5
L600E 275S SD-S	87	31	283	0.9	10
BL00 475W SD-S	149	38	448	1.1	5
BL00 450W SD-S	116	33	449	1.2	5
BL00 425W SD-S	58	54	327	0.9	5
BL00 375W SD-S	68	45	363	1.0	10
BL00 350W SD-S	121	41	432	1.5	5
BL00 325W SD-S	118	49	604	1.6	5
BL00 275W SD-S	58	37	507	1.1	5
BL00 250W SD-S	51	32	549	1.0	5
BL00 225W SD-S	73	56	348	1.8	5
BL00 175W SD-S	78	35	452	1.1	5
BL00 125W SD-S	104	31	205	1.3	5
BL00 075W SD-S	89	30	213	1.2	5
BL00 025W SD-S	88	49	237	1.3	5

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TELEPHONE: (705) 264-9996

Certificate of Geochem

Company: FAIRBANK ENG.LTD.
Project: SILVER DOLLAR (SD)
Attention: D.CHROMEOZONE

File: 8-794/P3
Date: JULY 5/88
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	AU-WET PPB
L400E 200S SD-S	39	41	114	0.6	35
L500E 300N SD-S	97	42	507	0.9	5
L500E 275N SD-S	81	39	402	0.9	5
L500E 250N SD-S	58	47	256	1.0	10
L500E 225N SD-S	112	37	264	1.2	5
L500E 200N SD-S	73	34	312	0.9	5
L500E 175N SD-S	85	32	187	1.2	5
L500E 150N SD-S	77	34	233	0.9	10
L500E 125N SD-S	76	29	279	0.8	5
L500E 100N SD-S	71	25	353	0.9	5
L500E 075N SD-S	54	32	311	1.0	5
L500E 050N SD-S	63	29	256	1.1	5
L500E 025N SD-S	82	164	297	0.9	10
L500E 000BL SD-S	78	33	228	1.2	5
L500E 025S SD-S	69	31	218	0.9	5
L500E 050S SD-S	94	26	219	1.0	5
L500E 075S SD-S	68	27	203	1.0	5
L500E 100S SD-S	93	24	217	0.9	5
L500E 125S SD-S	57	33	294	0.8	5
L500E 150S SD-S	65	33	243	0.9	5
L500E 175S SD-S	83	32	238	0.8	10
L500E 200S SD-S	62	33	188	0.8	5
L500E 225S SD-S	49	28	248	0.9	5
L600E 300N SD-S	27	37	447	0.7	5
L600E 275N SD-S	39	35	404	1.0	5
L600E 250N SD-S	47	34	723	1.2	5
L600E 225N SD-S	52	29	789	1.1	5
L600E 200N SD-S	227	41	181	1.6	5
L600E 175N SD-S	129	34	334	1.2	40
L600E 150N SD-S	124	39	509	1.3	5

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TELEPHONE (705) 264-9996

Certificate of GEOCHEM

Company:FAIRBANK ENG.LTD.
Project:SILVER DOLLAR (SD)
Attention:D.CHROMEOZONE

File:8-794/P6
Date:JULY 7/88
Type:SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	AU-WET PPB
L750W 0800S SD-S	96	49	275	1.2	5
L750W 0850S SD-S	58	54	160	1.3	5
L750W 0950S SD-S	137	37	174	1.4	5
L750W 1000S SD-S	119	56	215	1.3	10
L750W 1050S SD-S	93	45	210	1.0	5
L750W 1100S SD-S	114	51	197	1.4	5
L750W 1150S SD-S	68	36	160	1.2	10
L750W 1200S SD-S	108	42	190	1.3	10
L750W 1250S SD-S	98	41	180	1.1	5
L750W 1300S SD-S	109	51	195	1.2	5
L750W 1350S SD-S	109	45	241	1.2	5
L750W 1400S SD-S	87	41	215	1.1	5
L750W 1450S SD-S	86	34	205	1.2	10
L750W 1500S SD-S	120	48	230	1.5	15
L750W 1550S SD-S	91	40	261	1.3	5
L750W 1600S SD-S	89	44	245	0.8	5
L750W 1650S SD-S	90	44	190	0.9	5
L750W 1700S SD-S	80	49	290	1.1	10
L750W 1750S SD-S	71	37	210	0.8	5
L750W 1800S SD-S	93	37	260	0.9	5
L750W 1850S SD-S	90	54	345	1.3	5
L750W 1900S SD-S	94	39	255	0.8	5
L750W 1950S SD-S	89	50	210	1.0	5
L750W 2000S SD-S	80	55	275	1.1	10
L750W 1050S SD-S	67	53	200	1.2	5
L750W 2100S SD-S	64	35	235	1.0	5
L750W 2150S SD-S	98	162	290	0.5	5
L750W 2200S SD-S	73	47	260	1.3	10
L750W 2250S SD-S	70	49	295	1.1	5
L750W 2300S SD-S	77	43	205	0.9	30

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TELEPHONE (705) 264-9996

Certificate of Geochem

Company:FAIRBANK ENG.LTD.
Project:SILVER DOLLAR (SD)
Attention:D.CHROMEOZONE

File:8-794/P5
Date:JULY 5/88
Type:SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	AU-WET PPB
BL00 025E SD-S	101	51	291	0.8	10
BL00 075E SD-S	98	34	242	1.1	5
BL00 125E SD-S	95	35	203	0.8	5
BL00 175E SD-S	96	39	254	0.9	15
BL00 225E SD-S	87	45	223	1.0	5
BL00 275E SD-S	42	44	238	0.7	70
BL00 325E SD-S	91	27	209	0.9	20
BL00 350E SD-S	93	33	227	1.1	5
BL00 375E SD-S	96	24	181	1.0	5
BL00 425E SD-S	79	39	354	0.9	10
BL00 450E SD-S	69	28	329	1.1	40
BL00 475E SD-S	66	21	237	0.8	5
BL00 525E SD-S	43	29	231	0.9	5
BL00 550E SD-S	69	28	229	0.9	5
BL00 575E SD-S	66	36	282	1.0	5
L750W 0000S SD-S	31	24	254	1.1	25
L750W 0050S SD-S	39	25	267	1.2	5
L750W 0100S SD-S	32	27	208	1.0	5
L750W 0150S SD-S	36	33	211	1.1	5
L750W 0200S SD-S	34	29	271	0.9	10
L750W 0250S SD-S	33	26	176	0.8	5
L750W 0300S SD-S	37	21	144	0.8	5
L750W 0350S SD-S	26	23	173	0.7	5
L750W 0400S SD-S	34	21	108	0.8	5
L750W 0450S SD-S	28	22	121	1.1	5
L750W 0500S SD-S	79	24	137	1.5	5
L750W 0550S SD-S	32	23	98	0.7	5
L750W 0600S SD-S	31	22	132	1.1	10
L750W 0650S SD-S	36	17	128	0.8	5
L750W 0700S SD-S	54	19	136	1.2	5

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TELEPHONE: (705) 264-9996

Certificate of Geochem

Company: FAIRBANK ENG.LTD.
Project: SILVER DOLLAR (SD)
Attention: D.CHROMEOZONE

File: 8-794/P8
Date: JULY 6/88
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	AU-WET PPB
L300W 125N SD-S	91	43	260	.8	15
L300W 100N SD-S	107	61	840	1.0	10
L300W 075N SD-S	59	64	510	1.3	5
L300W 050N SD-S	112	60	565	1.1	5
L300W 025N SD-S	71	59	710	1.4	10
L300W 00BL SD-S	80	67	630	1.3	5
L300W 025S SD-S	110	71	675	1.5	10
L300W 050S SD-S	78	53	750	1.1	5
L300W 075S SD-S	113	68	640	1.3	10
L300W 100S SD-S	96	51	655	1.3	10
L300W 125S SD-S	118	52	500	1.4	10
L300W 150S SD-S	102	66	375	.9	5
L300W 175S SD-S	39	50	570	.7	10
L300W 200S SD-S	67	47	560	1.1	5

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TELEPHONE: (705) 264-9996

Certificate of Geochem

Company: FAIRBANK ENG.LTD.
Project: SILVER DOLLAR (SD)
Attention: D.CHROMEOZONE

File: 8-794/P7
Date: JULY 6/88
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	AU-WET PPB
L750W 2350S SD-S	47	39	305	.9	10
L750W 2400S SD-S	49	100	255	.6	5
L750E 0000S SD-S	36	72	168	.5	5
L750E 0200S SD-S	31	84	230	.6	10
L750E 0250S SD-S	NO SAMPLE				
L750E 0300S SD-S	28	47	169	.4	5
L750E 0600S SD-S	38	46	250	1.0	5
L750E 0650S SD-S	87	89	315	.7	5
L750E 0700S SD-S	26	53	180	.4	10
L750E 0750S SD-S	48	68	245	.6	10
L750E 0800S SD-S	52	51	235	.7	5
L750E 0850S SD-S	65	54	220	.6	5
L750E 0900S SD-S	57	48	166	.8	5
L750E 0950S SD-S	66	42	172	.8	5
L750E 1050S SD-S	58	53	410	.7	10
L750E 1100S SD-S	61	46	290	.9	5
L750E 1150S SD-S	64	52	315	.8	5
L750E 1200S SD-S	78	70	325	1.3	5
L750E 1250S SD-S	55	51	185	.8	10
L750E 1300S SD-S	57	56	260	1.1	5
L750E 1350S SD-S	46	49	171	1.2	5
L750E 1400S SD-S	53	78	295	1.1	5
L750E 1450S SD-S	68	90	255	1.2	15
L750E 1500S SD-S	92	55	138	1.3	5
L750E 1550S SD-S	50	104	440	1.1	5
L750E 1600S SD-S	86	22	450	1.5	5
L750E 1650S SD-S	147	53	475	1.1	5
L750E 1700S SD-S	144	44	510	1.4	5
L300W 175N SD-S	60	59	615	1.3	5
L300W 150N SD-S	67	51	670	1.3	5

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TELEPHONE: (705) 264-9996

Certificate of GEOCHEM

Company: FAIRBANK ENGINEERING
Project: SD
Attention: B. FAIRBANK

File: 8-783/P2
Date: JUNE 28/88
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-WET PPB	AG PPM	CU PPM	PB PPM	ZN PPM
CL W 775S SD-S	5	0.9	33	26	153
CL W 800S SD-S	5	0.8	64	33	124
CL W 850S SD-S	10	1.0	66	38	149
CL W 875S SD-S	5	0.9	38	36	193
CL W 900S SD-S	5	1.1	73	37	142
CL W 950S SD-S	5	1.3	51	34	158
CL W 975S SD-S	5	0.9	48	49	221
CL W 1000S SD-S	5	0.8	52	62	169
CL W 1025S SD-S	25	1.2	54	83	354
CL W 1050S SD-S	5	1.7	47	51	196
CL W 1075S SD-S	5	1.5	73	34	142
CL W 1100S SD-S	10	1.0	67	36	209
CL W 1125S SD-S	10	1.2	46	35	297
CL W 1150S SD-S	5	0.9	74	37	256
CL W 1175S SD-S	5	1.3	79	41	269
CL W 1200S SD-S	5	1.4	95	47	304
CL W 1225S SD-S	5	1.1	113	49	297
CL W 1250S SD-S	5	1.2	132	51	281
CL W 1275S SD-S	5	0.7	94	42	173
CL W 1300S SD-S	5	0.9	171	48	228
CL W 1325S SD-S	5	0.8	116	36	167
CL W 1350S SD-S	5	0.8	115	32	183
CL W 1375S SD-S	5	0.9	102	37	204
CL W 1400S SD-S	5	0.8	118	31	148
CL W 1425S SD-S	5	0.9	129	29	143
CL W 1450S SD-S	15	0.7	101	34	177
CL W 1475S SD-S	10	1.0	134	32	193
CL W 1500S SD-S	10	1.0	89	38	169
CL W 1550S SD-S	5	19.6	209	63	368
CL W 1575S SD-S	5	2.4	125	21	209

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TELEPHONE: (705) 264-9996

Certificate of GEOCHEM

Company: FAIRBANK ENGINEERING
Project: SD
Attention: B. FAIRBANK

File: 8-783/P1
Date: JUNE 27/88
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-WET PPB	AG PPM	CU PPM	PB PPM	ZN PPM	
CL W 5N00 SD-S	5	0.9	25	47	353	
CL W 025S SD-S	5	0.7	32	34	243	
CL W 050S SD-S	5	0.9	57	26	234	
CL W 100S SD-S	10	0.8	64	37	179	
CL W 125S SD-S	5	0.7	29	28	327	
CL W 150S SD-S	5	1.2	57	52	181	
CL W 175S SD-S	5	1.1	62	27	134	
CL W 200S SD-S	10	1.3	79	53	172	40MESH
CL W 225S SD-S	5	1.0	31	29	404	
CL W 250S SD-S	5	0.8	26	31	302	
CL W 275S SD-S	5	0.9	22	42	304	
CL W 300S SD-S	5	0.9	34	33	216	
CL W 325S SD-S	10	1.8	93	52	312	40MESH
CL W 350S SD-S	5	1.6	81	43	299	
CL W 375S SD-S	5	1.2	36	34	243	
CL W 400S SD-S	5	0.9	27	26	248	
CL W 425S SD-S	5	0.8	63	32	279	
CL W 450S SD-S	10	0.7	66	24	157	
CL W 475S SD-S	15	0.9	49	23	182	
CL W 500S SD-S	5	1.4	134	27	171	
CL W 525S SD-S	5	0.8	71	26	163	
CL W 550S SD-S	5	0.9	26	28	169	
CL W 575S SD-S	5	1.2	35	29	183	
CL W 600S SD-S	10	1.0	28	31	209	
CL W 625S SD-S	5	1.3	57	28	137	
CL W 650S SD-S	5	0.9	44	24	128	
CL W 675S SD-S	5	0.8	73	25	177	
CL W 700S SD-S	5	1.1	65	32	229	
CL W 725S SD-S	10	0.9	148	27	148	
CL W 750S SD-S	5	0.7	84	26	146	

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Certificate of Geochem

Company:FAIRBANK ENGINEERING
Project:SD
Attention:B.FAIRBANK

File:8-783/P4
Date:JUNE 28/88
Type:SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-WET PPB	AG PPM	CU PPM	PB PPM	ZN PPM
CL W 2425S SD-S	5	1.2	105	49	268
CL W 2450S SD-S	5	1.0	82	42	182
CL W 2475S SD-S	5	1.1	74	38	189
CL W 2500S SD-S	5	0.8	66	56	227
CL 0 000S SD-S	5	0.8	21	31	157
CL 0 025S SD-S	5	0.9	23	34	107
CL 0 050S SD-S	5	0.8	20	35	132
CL 0 075S SD-S	5	1.1	26	37	161
CL 0 100S SD-S	5	0.9	19	29	171
CL 0 125S SD-S	10	0.7	28	34	158
CL 0 150S SD-S	5	0.9	24	36	162
CL 0 175S SD-S	5	1.3	53	44	194
CL 0 200S SD-S	5	1.0	52	42	173
CL 0 225S SD-S	5	0.9	27	38	163
CL 0 250S SD-S	5	1.0	22	36	131
CL 0 275S SD-S	5	0.8	49	62	273
CL 0 300S SD-S	5	0.9	47	33	149
CL 0 350S SD-S	5	0.7	38	34	119
CL 0 375S SD-S	5	1.1	31	32	178
CL 0 400S SD-S	5	0.9	38	39	279
CL 0 425S SD-S	20	0.7	55	34	171
CL 0 450S SD-S	5	0.8	36	43	158
CL 0 475S SD-S	5	0.9	37	41	153
CL 0 500S SD-S	5	1.0	39	44	192
CL 0 525S SD-S	5	0.8	34	53	143
CL 0 550S SD-S	5	0.9	29	37	184
CL 0 575S SD-S	5	0.8	22	36	148
CL 0 600S SD-S	5	0.7	23	27	93
CL 0 625S SD-S	10	0.9	38	42	237
CL 0 650S SD-S	5	0.7	41	26	112

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TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE (705) 264-9996

Certificate of Geochem

Company:FAIRBANK ENGINEERING
Project:SD
Attention:B.FAIRBANK

File:8-783/P3
Date:JUNE 28/88
Type:SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-WET PPB	AG PPM	CU PPM	PB PPM	ZN PPM
CL W 1600S SD-S	5	0.8	117	41	164
CL W 1625S SD-S	45	0.9	94	48	169
CL W 1650S SD-S	15	0.7	95	31	147
CL W 1675S SD-S	50	0.9	123	62	211
CL W 1700S SD-S	5	1.0	139	69	189
CL W 1725S SD-S	20	0.8	101	43	138
CL W 1750S SD-S	5	0.6	138	34	131
CL W 1800S SD-S	5	0.7	83	36	144
CL W 1825S SD-S	5	0.8	91	41	157
CL W 1850S SD-S	5	0.7	54	37	173
CL W 1875S SD-S	5	0.7	63	39	202
CL W 1900S SD-S	5	0.8	249	38	394
CL W 1925S SD-S	5	0.7	147	36	327
CL W 1950S SD-S	5	0.9	211	54	278
CL W 1975S SD-S	5	1.0	96	55	396
CL W 2000S SD-S	5	0.9	101	32	162
CL W 2025S SD-S	10	0.8	72	34	188
CL W 2075S SD-S	5	0.9	39	58	273
CL W 2100S SD-S	5	0.8	51	36	236
CL W 2125S SD-S	5	0.8	42	37	261
CL W 2150S SD-S	5	0.9	58	44	312
CL W 2175S SD-S	5	1.2	142	73	263
CL W 2200S SD-S	10	1.0	67	46	291
CL W 2250S SD-S	5	0.9	71	48	272
CL W 2275S SD-S	5	1.0	60	49	269
CL W 2300S SD-S	5	1.1	66	53	478
CL W 2325S SD-S	25	0.8	71	46	494
CL W 2350S SD-S	5	0.9	89	42	241
CL W 2375S SD-S	5	0.9	73	57	314
CL W 2400S SD-S	5	0.7	62	44	321

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TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9998

Certificate of Geochem

Company: FAIRBANK ENGINEERING
Project: SD
Attention: B.FAIRBANK

File: 8-783/P6
Date: JUNE 28/88
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-WET PPB	AG PPM	CU PPM	PB PPM	ZN PPM	
CL 0 1625S SD-S	5	0.9	108	44	210	
CL 0 1650S SD-S	35	0.8	152	49	212	
CL 0 1675S SD-S	5	0.8	167	37	173	
CL 0 1700S SD-S	5	1.1	176	62	359	
CL E 0000S SD-S	10	1.4	135	49	1145	
CL E 0025S SD-S	10	3.2	269	58	1435	
CL E 0050S SD-S	5	2.1	154	49	1415	
CL E 0225S SD-S	5	1.6	188	46	1095	40MESH
CL E 0250S SD-S	5	1.3	127	67	1445	
CL E 0275S SD-S	10	1.4	69	54	1395	
CL E 0300S SD-S	5	1.9	76	36	842	
CL E 0325S SD-S	5	1.3	71	52	1265	
CL E 0350S SD-S	5	1.2	34	54	1010	
CL E 0375S SD-S	5	1.6	37	43	729	
CL E 0400S SD-S	5	1.1	54	47	676	
CL E 0425S SD-S	5	1.8	52	46	789	
CL E 0450S SD-S	5	1.6	35	39	968	40MESH
CL E 0475S SD-S	5	1.0	28	34	1005	
CL E 0500S SD-S	5	1.7	29	31	538	
CL E 0525S SD-S	5	1.2	27	36	1015	
CL E 0550S SD-S	5	0.9	43	34	866	
CL E 0575S SD-S	10	0.8	28	56	972	
CL E 0600S SD-S	5	0.9	39	47	1025	
CL E 0625S SD-S	20	2.1	292	134	2180	
CL E 0650S SD-S	10	0.8	38	52	762	
CL E 0675S SD-S	25	0.7	34	44	517	
CL E 0700S SD-S	10	0.8	26	47	1255	
CL E 0725S SD-S	5	0.9	41	49	926	
CL E 0750S SD-S	5	2.0	66	138	1035	40MESH
CL E 0775S SD-S	5	0.9	38	62	578	

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TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9998

Certificate of Geochem

Company: FAIRBANK ENGINEERING
Project: SD
Attention: B.FAIRBANK

File: 8-783/P5
Date: JUNE 28/88
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-WET PPB	AG PPM	CU PPM	PB PPM	ZN PPM
CL 0 675S SD-S	5	0.8	31	29	132
CL 0 700S SD-S	5	0.9	42	32	124
CL 0 725S SD-S	5	0.8	49	63	183
CL 0 775S SD-S	5	0.8	53	72	319
CL 0 800S SD-S	5	1.0	55	47	173
CL 0 900S SD-S	10	0.9	64	53	164
CL 0 925S SD-S	5	0.8	91	34	161
CL 0 950S SD-S	5	1.1	89	36	152
CL 0 975S SD-S	5	1.3	137	51	287
CL 0 1000S SD-S	5	1.2	109	42	223
CL 0 1025S SD-S	10	0.9	112	74	342
CL 0 1050S SD-S	10	1.0	76	59	238
CL 0 1075S SD-S	5	0.8	148	71	292
CL 0 1125S SD-S	5	1.0	129	96	196
CL 0 1175S SD-S	5	0.9	89	48	308
CL 0 1200S SD-S	5	0.8	123	54	314
CL 0 1225S SD-S	20	0.8	158	103	326
CL 0 1250S SD-S	15	0.7	154	82	318
CL 0 1275S SD-S	5	0.9	204	144	776
CL 0 1300S SD-S	10	1.0	97	64	617
CL 0 1350S SD-S	5	0.8	122	66	532
CL 0 1375S SD-S	5	0.9	211	36	143
CL 0 1400S SD-S	5	0.7	194	49	246
CL 0 1450S SD-S	5	0.8	91	56	217
CL 0 1475S SD-S	5	1.2	262	42	144
CL 0 1500S SD-S	5	0.9	377	46	171
CL 0 1525S SD-S	5	0.8	176	47	423
CL 0 1550S SD-S	10	1.1	144	78	339
CL 0 1575S SD-S	5	1.0	121	42	342
CL 0 1600S SD-S	5	0.9	63	33	324

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TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Certificate of GEOCHEM

Company:FAIRBANK ENGINEERING
Project:SILVER DOLLAR
Attention:B.FAIRBANK

File:8-806/P1
Date:JUNE 30/88
Type:ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-WET PPB	AG PPM	PB PPM	ZN PPM	CU PPM
60 401	30	1.1	54	89	39
60 402	285	1.6	67	262	77
60 403	240	4.8	484	459	88
60 404	135	1.3	119	179	31
60 405	110	1.8	56	97	33
60 406	2050	10.6	871	878	161
60 407	120	0.9	82	109	54
60 408	260	0.8	43	104	32
60 409	3300	6.4	284	432	145
60 410	275	2.3	191	276	58
60 411	500	5.6	314	194	98
60 412	395	2.1	123	163	31
60 413	140	1.0	46	51	12
60 414	390	11.9	538	428	346
60 415	550	1.7	89	119	36
60 416	1000	4.9	499	423	65
60 417	95	2.2	111	99	43
60 418	600	2.3	93	135	55
60 419	230	1.6	54	118	31
60 420	3750	36.9	1395	1555	621
60 421	150	2.4	69	124	47
60 422	810	1.2	51	58	25
60 423	380	1.7	63	81	18
60 424	740	9.1	604	333	154
60 425	110	1.2	141	69	21
60 426	600	2.1	88	67	20
60 427	1200	4.3	338	424	53
60 451	290	1.4	119	192	47
60 452	1060	8.9	892	548	359
60 453	450	8.3	273	1260	79

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TELEPHONE: (705) 264-9996

Certificate of Geochem

Company:FAIRBANK ENGINEERING
Project:SD
Attention:B.FAIRBANK

File:8-783/P7
Date:JUNE 28/88
Type:SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-WET PPB	AG PPM	CU PPM	PB PPM	ZN PPM	
CL E 0800S SD-S	5	0.8	44	46	392	
CL E 0825S SD-S	5	0.9	22	32	584	
CL E 0850S SD-S	5	0.7	26	31	549	
CL E 0875S SD-S	10	0.9	29	38	497	
CL E 0900S SD-S	5	1.2	73	33	217	
CL E 0925S SD-S	5	0.7	24	37	328	
CL E 0950S SD-S	5	0.8	42	26	349	
CL E 0975S SD-S	5	0.7	31	27	481	
CL E 1000S SD-S	5	0.9	27	34	328	
CL E 1025S SD-S	10	0.7	45	29	369	
CL E 1050S SD-S	5	0.8	24	38	291	
CL E 1075S SD-S	5	0.9	18	47	87	
CL E 1100S SD-S	5	0.8	39	34	322	
CL E 1150S SD-S	5	1.0	19	39	519	
CL E 1175S SD-S	5	0.9	26	32	463	
CL E 1200S SD-S	5	0.9	21	41	102	40MESH
CL E 1225S SD-S	10	0.8	28	36	184	40MESH
CL E 1250S SD-S	15	0.8	26	38	356	
CL E 1275S SD-S	5	0.9	29	27	103	40MESH
CL E 1325S SD-S	5	0.9	38	39	472	
CL E 1400S SD-S	5	0.8	35	31	124	
CL E POST 4N 3E	5	1.4	69	33	821	

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Certificate of Geochem

Company: FAIRBANK ENGINEERING
Project: SILVER DOLLAR
Attention: B. FAIRBANK

File: 8-806/P3
Date: JUNE 30/88
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-WET PPB	AG PPM	PB PPM	ZN PPM	CU PPM
60 484	50	2.4	57	293	72
60 485	20	1.6	38	84	9
60 486	440	0.9	39	79	11
60 487	2200	6.3	454	211	62
60 488	665	3.1	163	221	47

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TELEPHONE: (705) 264-9996

Certificate of Geochem

Company: FAIRBANK ENGINEERING
Project: SILVER DOLLAR
Attention: B. FAIRBANK

File: 8-806/P2
Date: JUNE 30/88
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-WET PPB	AG PPM	PB PPM	ZN PPM	CU PPM
60 454	110	5.3	473	894	56
60 455	5	1.2	33	152	16
60 456	185	2.1	109	133	28
60 457	10000	19.9	1160	454	119
60 458	130	6.8	653	1495	65
60 459	150	2.3	51	96	41
60 460	15	1.4	28	71	11
60 461	410	3.5	153	189	71
60 462	555	23.4	1880	1270	112
60 463	165	9.5	1060	1985	116
60 464	75	1.6	44	223	43
60 465	10	1.5	57	185	14
60 466	380	2.3	106	122	27
60 467	555	495.0	980	941	919
60 468	250	8.9	1015	2110	468
60 469	55	3.6	51	251	108
60 470	5	2.1	42	222	81
60 471	345	2.6	127	224	52
60 472	260	2.3	83	427	35
60 473	550	12.4	1180	949	96
60 474	70	4.5	512	454	37
60 475	5	1.4	38	64	14
60 476	400	2.4	121	251	77
60 477	600	2.5	83	78	29
60 478	585	5.4	732	511	32
60 479	30	2.8	166	212	37
60 480	5	1.5	34	67	28
60 481	6600	6.8	178	136	23
60 482	1250	2.4	89	89	17
60 483	575	6.2	440	368	59

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TELEPHONE: (705) 264-9996

Certificate of Geochem

Company: FAIRBANK ENGINEERING
Project: SD
Attention: B. FAIRBANK

File: 8-783/P7
Date: JUNE 28/88
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-WET PPB	AG PPM	CU PPM	PB PPM	ZN PPM	
CL E 0800S SD-S	5	0.8	44	46	392	
CL E 0825S SD-S	5	0.9	22	32	584	
CL E 0850S SD-S	5	0.7	26	31	549	
CL E 0875S SD-S	10	0.9	29	38	497	
CL E 0900S SD-S	5	1.2	73	33	217	
CL E 0925S SD-S	5	0.7	24	37	328	
CL E 0950S SD-S	5	0.8	42	26	349	
CL E 0975S SD-S	5	0.7	31	27	481	
CL E 1000S SD-S	5	0.9	27	34	328	
CL E 1025S SD-S	10	0.7	45	29	369	
CL E 1050S SD-S	5	0.8	24	38	291	
CL E 1075S SD-S	5	0.9	18	47	87	
CL E 1100S SD-S	5	0.8	39	34	322	
CL E 1150S SD-S	5	1.0	19	39	519	
CL E 1175S SD-S	5	0.9	26	32	463	
CL E 1200S SD-S	5	0.9	21	41	102	40MESH
CL E 1225S SD-S	10	0.8	28	36	184	40MESH
CL E 1250S SD-S	15	0.8	26	38	356	
CL E 1275S SD-S	5	0.9	29	27	103	40MESH
CL E 1325S SD-S	5	0.9	38	39	472	
CL E 1400S SD-S	5	0.8	35	31	124	
CL E POST 4N 3E	5	1.4	69	33	821	

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APPENDIX E

UNDERGROUND ROCK GEOCHEMISTRY

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TIMMINS OFFICE:
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TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Certificate of GEOCHEM

Company: FAIRBANK ENGINEERING
Project: SILVER DOLLAR
Attention: B.FAIRBANK

File: 8-806/P1
Date: JUNE 30/88
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-WET FPB	AG PPM	PB PPM	ZN PPM	CU PPM
60 401	30	1.1	54	89	39
60 402	285	1.6	67	262	77
60 403	240	4.8	484	459	88
60 404	135	1.3	119	179	31
60 405	110	1.8	56	97	33
60 406	2050	10.6	871	878	161
60 407	120	0.9	82	109	54
60 408	350	0.8	63	104	32
60 409	3800	5.4	284	632	145
60 410	275	2.3	191	276	58
60 411	500	5.6	314	194	98
60 412	395	2.1	123	163	31
60 413	140	1.0	46	51	12
60 414	390	11.9	538	428	346
60 415	550	1.7	89	119	36
60 416	1050	4.9	499	423	65
60 417	95	2.2	111	99	43
60 418	600	2.3	93	135	55
60 419	230	1.6	54	118	31
60 420	3750	36.9	1395	1555	621
60 421	150	2.4	69	124	47
60 422	810	1.2	51	58	25
60 423	380	1.7	63	81	18
60 424	740	9.1	604	333	154
60 425	110	1.2	141	69	21
60 426	600	2.1	88	67	20
60 427	1200	4.3	358	424	53
60 451	290	1.4	119	192	47
60 452	1060	8.9	892	548	359
60 453	450	8.3	273	1260	79

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MIN-EN LABORATORIES LTD.

COMPANY: FAIRBANK ENGINEERING MIN-EN LABS ICP REPORT (ACT-F31) PAGE 1 OF 1
PROJECT NO: 155-88 SILVER DOLLAR 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 FILE NO: 8-EC0/P1
ATTENTION: B.FAIRBANK/R.FAULKNER (604)980-5814 OR (604)988-4524 * TYPE ROCK GEOCHEM * DATE:JULY 5, 1988

VALUES IN PPM	MO	AG	CU	PB	ZN	AU-PPB
60526	4.0	15	32	117	4	497	145
60527	51.9	49	203	1159	43	2847	462
60528	45.4	7	549	1961	74	4122	3600
60529	3.8	6	76	134	4	592	72
60530	2.1	27	24	92	2	724	95
60531	145.3	57	57	1454	30	1794	3500
60532	4.6	15	55	147	3	885	144
60533	976.7	108	5256	1247	1271	12224	14000
60534	8.8	20	60	400	3	2260	166
60535	10.2	27	87	471	12	269	184
60536	5.4	26	56	209	5	407	197
60537	304.1	22	1221	7642	91	8068	10000
60538	3.0	12	23	38	2	302	85
60539	6.7	47	74	149	12	674	155
60540	666.3	32	7367	9366	481	11666	37000
60541	17.7	1	812	1189	9	5197	2620

COMPANY: FAIRBANK ENGINEERING MIN-EN LABS ICP REPORT (ACT-F31) PAGE 1 OF 1
PROJECT NO: 155-88 SILVER DOLLAR 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 FILE NO: 8-EC0/P1+2
ATTENTION: B.FAIRBANK/R.FAULKNER (604)980-5814 OR (604)988-4524 * TYPE ROCK GEOCHEM * DATE:JULY 5, 1988

VALUES IN PPM	MO	AG	CU	PB	ZN	AU-PPB
60478	1.8	83	31	95	5	218	320
60479	2.8	101	19	533	6	180	450
60480	1.6	102	7	92	2	156	245
60481	1.4	24	21	220	7	367	70
60482	6.2	65	10	197	2	135	195
60483	6.2	151	71	345	2	388	1145
60484	1.8	42	28	104	2	191	40
60485	.9	30	25	53	1	91	38
60486	1.2	95	4	50	2	66	530
60487	1.7	62	17	167	2	219	311
60488	1.0	39	40	27	1	122	20
60489	.6	69	4	43	1	131	224
60490	2.5	79	14	137	2	283	300
60491	1.0	23	40	28	1	93	8
60492	1.6	91	19	181	2	226	235
60493	4.0	46	25	49	2	66	172
60494	2.9	127	15	169	2	237	2680
60495	.9	18	36	30	1	93	6
60496	3.5	75	12	606	2	270	1950
60497	1.7	58	17	66	1	86	990
60498	3.8	69	56	307	2	259	342
60499	1.5	49	172	165	1	310	388
60500	.5	31	11	44	1	97	165
60501	1.8	106	31	127	2	124	220
60502	.6	27	33	91	1	107	76
60503	2.1	117	42	143	1	352	274
60504	1.9	31	19	73	2	65	72
60505	.5	22	37	978	1	790	120
60506	.2	10	26	30	2	78	8
60507	1.7	22	25	110	1	209	222
60508	1.0	39	14	99	2	110	162
60509	.6	28	21	32	1	94	30
60510	1.2	92	21	65	1	76	420
60511	1.3	77	19	42	2	67	260
60512	.8	34	24	27	1	43	20
60513	1.8	70	25	139	1	292	1930
60514	1.1	72	30	42	1	50	254
60515	1.5	120	6	184	2	190	378
60516	.6	76	40	27	1	80	40
60517	.4	50	3	59	1	67	100
60518	2.0	66	12	47	2	25	575
60519	1.0	67	20	60	1	80	495
60520	1.4	70	13	101	2	122	372
60521	8.2	144	18	1011	3	159	2080
60522	1.0	79	44	23	1	112	42
60523	.5	48	6	48	1	56	213
60524	.7	49	14	65	2	104	98
60525	.6	47	16	43	1	121	140
60526	2.2	56	41	105	2	185	950
60527	1.4	64	17	120	2	332	255
60528	.7	37	10	65	1	178	148
60529	5.5	21	68	431	2	566	1100
60530	1.2	63	15	209	2	212	340
60531	.5	35	14	40	1	100	72
60532	20.3	64	69	96	6	206	1200
60533	5.5	54	92	300	2	391	380
60534	698.7	104	2389	2802	414	1835	10000
60535	8.0	39	48	192	5	279	310
60536	4.0	11	30	169	10	797	705

COMPANY: FAIRBANK ENGINEERING — MIN-EN LABS ICP REPORT — (ACT:F31) PAGE 1 OF 1
PROJECT NO: 155-88 SILVER DOLLAR — 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 — FILE NO: 8-878/P1+4
ATTENTION: B.FAIRBANK — (604)980-5814 OR (604)988-4524 — # TYPE ROCK GEOCHEM # — DATE: JULY 12, 1988

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
60602	1.5	16	30	25	3	42	49
60603	.2	7	2	40	3	62	262
60604	6.9	20	21	818	4	314	160
60605	1.7	16	70	25	1	72	15
60606	2.1	89	2	98	6	172	590
60607	8.4	97	35	397	6	337	156
60608	1.1	2	22	41	3	104	102
60609	3.7	96	11	129	7	155	1740
60610	9.4	77	14	791	5	532	158
60611	17.3	89	215	678	10	559	79
60612	4.1	96	35	138	9	54	2200
60613	4.3	89	14	726	4	350	290
60614	1.3	46	17	134	1	211	42
60615	2.8	11	66	116	4	104	217
60616	1.9	14	28	119	5	714	69
60617	23.5	92	83	1003	19	1531	215
60618	448.0	117	700	2202	69	1449	2329
60619	9.7	68	74	443	7	466	498
60620	3.5	25	59	55	3	142	27
60621	8.2	71	34	761	10	679	3240
60622	.9	12	24	44	3	56	31
60623	1.2	2	29	72	1	100	22
60624	2.4	23	27	304	3	531	216
60625	.6	1	22	24	2	58	23
60626	1.0	18	15	32	3	137	48
60627	2.9	21	17	140	3	210	148
60628	1.7	1	27	61	4	113	41
60629	1.4	23	24	49	1	127	3
60630	3.4	18	74	562	3	476	220
60631	1.1	27	24	40	2	95	7
60632	1.8	14	10	31	3	58	14
60633	9.6	106	98	824	13	825	1920
60634	2.5	50	40	42	5	90	97
60635	2.5	27	58	125	7	157	7
60636	25.9	107	111	2123	24	1272	4500
60637	15.9	70	79	435	14	519	540
60638	6.2	49	19	506	5	477	180
60639	66.8	80	117	3786	13	647	1700
60640	8.0	24	37	559	7	210	165
60641	24.5	17	176	4047	5	7170	1520
60642	396.4	86	432	42406	105	1975	880
60643	14.9	22	48	1420	8	758	122
60644	8.4	7	52	149	6	364	102
60645	62.4	118	92	7273	39	746	4000
60646	9.1	29	14	302	3	740	180
60647	4.3	11	20	109	3	357	179
60648	612.7	22	1592	85576	491	18591	20000
60649	15.9	69	277	1031	11	1416	1780
60650	42.0	72	142	4497	8	5621	3280
60651	59.6	19	177	7338	5	17440	5550
60652	11.0	22	135	1316	5	4239	895
60653	63.6	178	141	7033	27	7594	16000
60654	3.6	8	18	288	3	239	605
60655	8.9	43	96	483	6	784	670
60656	9.4	50	55	772	7	2954	1140
60657	3.7	15	85	319	4	508	135
60658	59.1	169	320	4657	20	1062	24000
60659	9.3	73	250	805	2	691	665

COMPANY: FAIRBANK ENGINEERING — MIN-EN LABS ICP REPORT — (ACT:F31) PAGE 1 OF 1
PROJECT NO: 155-88 SILVER DOLLAR — 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 — FILE NO: 8-878/P1+2
ATTENTION: B.FAIRBANK — (604)980-5814 OR (604)988-4524 — # TYPE ROCK GEOCHEM # — DATE: JULY 12, 1988

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
60542	5.2	72	41	228	13	942	335
60543	76.2	22	275	1160	19	2671	1250
60544	7.4	18	47	65	5	148	162
60545	4.5	6	55	390	9	460	118
60546	4.5	6	55	390	9	460	350
60547	2.1	26	26	50	7	417	12
60548	10.1	68	70	294	14	1155	184
60549	4.0	121	30	88	20	1283	47
60550	200.4	242	350	2232	60	1723	4700
60551	15.7	108	125	779	15	1988	215
60552	4.5	24	49	258	14	1814	9
60553	762.6	177	1164	5634	427	1673	790
60554	17.3	17	175	835	25	2351	218
60555	10.4	31	99	507	16	1679	69
60556	100.8	145	410	5763	85	3499	14900
60557	152.3	30	490	2321	202	2843	1210
60558	5.9	42	46	141	11	632	184
60559	562.8	175	974	5349	293	2886	22000
60560	104.7	19	913	12232	23	5538	1280
60561	108.1	51	307	1841	92	5236	575
60562	5.9	14	92	1918	3	2921	124
60563	3.5	7	41	109	6	332	79
60564	22.2	56	187	953	21	1090	1200
60565	11.1	46	136	887	18	2111	408
60566	9.2	7	42	218	5	601	112
60567	15.5	25	80	512	8	813	10000
60568	76.8	67	182	1911	17	1609	2740
60569	8.7	24	39	189	6	294	720
60570	6.4	72	88	778	4	1428	56
60571	87.2	72	414	7024	37	7295	1450
60572	5.1	22	50	245	5	500	139
60573	17.6	35	165	549	7	1699	578
60574	56.3	121	338	3509	24	1719	22000
60575	5.8	24	36	315	6	421	1550
60576	7.6	16	57	597	8	1308	379
60577	324.3	249	204	3679	26	2839	15000
60578	5.0	26	28	181	5	362	294
60579	9.5	8	68	1610	2	1655	219
60580	58.6	150	187	5316	18	3102	4390
60581	16.9	7	76	835	18	1487	516
60582	6.4	1	49	1756	6	7140	440
60583	57.2	45	86	8529	11	2976	1910
60584	4.9	17	41	360	7	640	127
60585	10.3	2	58	793	6	2177	416
60586	124.9	74	434	4064	38	1431	5530
60587	5.7	4	18	270	4	139	248
60588	15.4	23	86	784	10	747	300
60589	45.6	3	61	4012	6	8183	1350
60590	4.6	15	28	188	5	476	247
60591	6.4	22	37	254	3	302	98
60592	8.6	30	32	613	10	671	459
60593	5.3	17	31	150	4	140	107
60594	1.2	20	7	34	6	87	116
60595	3.6	69	22	149	11	230	429
60596	1.1	74	22	31	3	149	39
60597	1.7	22	24	39	5	52	94
60598	2.1	42	11	115	7	200	402
60599	1.7	26	22	17	4	71	77

COMPANY: FAIRBANK ENGINEERING — MIN-EN LABS ICP REPORT — (ACT:F31) PAGE 1 OF 1

PROJECT NO: SILVER DOLLAR(S.D.) — 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 — FILE NO: 8-878/P5-A2

ATTENTION: B.FAIRBANK R.FAULKNER — (604)990-5814 OR (604)986-4524 — # TYPE ROCK GEOCHEM # — DATE:JULY 15, 1998

(VALUES IN PPM)	AG	AS	AU	BA	BI	CA	CD-PPB
60682	2.3	42	58	675	17	1023	1400
60684	55.9	47	516	1901	62	3056	2850
60685	4.1	13	114	219	19	672	110
60686	0.7	19	22	161	11	607	95
60687	113.4	77	772	7500	64	2750	320
60688	26.6	66	57	1239	31	1282	5580
60689	3.0	26	26	148	6	306	99
60690	437.4	707	3198	20092	4207	13981	50000
60691	16.6	69	177	791	120	1656	845
60692	15.1	18	121	983	21	1198	722
60693	4.7	24	26	367	37	1439	345
60694	13.9	88	92	603	30	623	6750
60695	3.1	16	22	120	10	171	154
60696	39.7	88	145	1887	47	2205	24000
60697	2.8	27	36	477	47	1164	117
60698	10.4	20	29	535	11	455	1740
60699	4.9	35	65	701	24	857	771
60700	46.3	89	224	1115	61	781	2310
60701	2.5	57	63	181	21	600	242
60702	3.6	32	31	286	39	771	210
60703	12.9	78	75	641	20	846	1730
60704	4.3	77	39	177	57	1028	159
60705	8.8	34	94	570	10	1129	1210
60706	2.6	17	33	113	11	338	67
60707	4.5	91	73	249	22	491	1
60708	2.3	11	10	111	12	559	101
60709	7.8	11	59	259	24	223	153
60710	1.0	32	6	79	8	147	78
60711	5.1	89	20	229	10	1967	101
60712	2.1	91	49	206	25	719	450
60713	2.6	60	15	94	10	71	81
60714	4.3	88	23	147	20	245	728
60715	9.4	110	27	195	24	406	5000
60716	4.9	57	21	216	10	218	179
60717	4.3	67	26	169	18	202	525
60718	2.1	49	12	92	12	130	142
60719	2.0	52	8	164	8	282	121
60720	2.3	47	13	162	10	305	127
60721	1.6	44	9	58	11	150	91
60722	1.1	39	18	36	9	52	47
60723	1.2	46	25	78	10	140	93
60724	1.8	65	5	60	9	56	71
60725	2.1	21	82	34	11	151	76
60726	.7	18	4	26	8	61	39
60727	1.9	66	5	33	9	37	94
60728	1.9	41	30	69	9	32	107
60729	.9	23	4	18	8	70	46
60730	1.9	52	4	33	9	77	87
60731	2.5	42	15	85	12	177	157
60732	2.3	42	5	113	10	107	149
60733	2.0	27	13	75	9	82	75
60734	1.2	6	14	50	9	46	28
60735	5.8	66	29	187	12	296	67
60736	2.0	21	23	56	11	74	179
60737	2.0	37	9	79	9	113	165
60738	1.9	40	4	53	10	66	30
60739	2.4	26	26	38	9	62	64
60740	5.8	11	46	462	9	467	115

COMPANY: FAIRBANK ENGINEERING — MIN-EN LABS ICP REPORT — (ACT:F31) PAGE 1 OF 1

PROJECT NO: 159-98 SILVER DOLLAR — 705WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 — FILE NO: 8-878/P5

ATTENTION: B.FAIRBANK — (604)990-5814 OR (604)986-4524 — # TYPE ROCK GEOCHEM # — DATE:JULY 12, 1998

(VALUES IN PPM)	AG	AS	AU	BA	BI	CA	AU-PPB
60682	115.4	162	180	4402	60	905	4000
60683	6.4	29	58	350	6	824	390
60684	27.6	77	74	1383	13	1027	1730
60685	5.9	21	27	250	8	400	205
60686	29.1	72	1028	2287	5	1147	7200
60687	14.7	15	344	1140	5	1394	2030
60688	94.6	120	479	2414	22	1816	17200
60689	3.0	3	44	214	1	315	450
60690	50.5	96	240	2676	16	1547	11000
60691	5.1	21	77	764	12	3612	380
60692	235.3	74	326	2977	177	2843	1540
60693	16.7	6	40	377	8	502	260
60694	83.2	99	714	6186	10	2883	11000
60695	6.6	49	56	496	9	1092	582
60696	33.2	54	110	2144	17	925	1340
60697	3.0	22	32	472	8	819	359
60698	204.9	84	708	7328	110	11236	2200
60699	25.7	73	3154	17959	174	5512	6600
60650	172.6	70	421	5240	92	4166	960
60651	55.5	70	461	6812	24	1822	14000
60652	4.2	14	28	227	5	197	458

COMPANY: FAIRBANK ENGINEERING — MIN-EN LABS ICP REPORT — ACTIVATION PAGE 1 OF 1

PROJECT NO: SILVER DOLLAR B.C.'87 — 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 — FILE NO: 8-922/P3+4

ATTENTION: B.FAIRBANK/R.FELLERER — (604)980-5814 OR (604)988-4524 — * TYPE ROCK GEOCHEM * — DATE: JULY 15, 1988

VALUES IN PPM	Mo	Cu	Pb	Zn	Ag	Ni	As	Au-ppb
60743	3.7	50	10	99	9	121	559	
60744	19.6	28	86	1866	15	1695	510	
60745	7.6	73	29	108	9	117	119	
60746	4.2	55	54	152	12	223	525	
60747	4.4	72	41	132	12	124	144	
60748	3.1	73	17	177	13	214	650	
60749	7.8	17	45	155	11	154	126	
60750	18.4	16	76	169	16	126	257	
60751	5.2	72	15	210	8	1251	243	
60752	22.9	72	81	149	15	95	17000	
60753	3.6	56	36	179	21	456	198	
60754	2.0	30	32	84	8	221	121	
60755	2.6	72	6	148	10	137	143	
60756	5.9	105	21	186	15	124	326	
60757	2.7	91	20	202	13	372	297	
60758	1.6	40	10	92	12	132	78	
60759	4.7	95	7	256	12	250	323	
60760	8.6	98	34	462	15	129	580	
60761	2.1	8	21	27	2	34	169	
60762	2.1	23	25	58	7	47	312	
60763	10.2	79	31	624	17	154	1542	
60764	1.0	46	9	95	11	82	3100	
60765	3.1	43	21	172	9	238	324	
60766	4.2	124	21	418	9	228	185	
60767	2.7	63	18	182	12	98	454	
60768	1.3	21	7	61	5	54	144	
60769	2.1	71	23	113	8	124	215	
60770	15.4	88	61	76	17	91	1	
60771	1.8	27	16	87	9	81	113	
60772	1.6	6	18	26	5	29	78	
60773	3.8	76	34	371	8	173	715	
60774	6.4	81	47	748	14	186	147	
60775	1.8	32	17	42	9	53	79	
60776	.9	16	9	38	7	61	80	
60777	10.2	59	47	448	10	172	227	
60778	3.2	56	19	86	10	215	275	
60779	1.6	30	29	25	7	45	97	
60780	1.9	28	0	169	12	275	79	
60781	5.6	58	97	262	12	185	264	
60782	2.5	30	22	115	8	166	112	
60783	4.2	37	28	190	12	152	139	
60784	7.1	62	10	91	14	165	980	
60785	2.2	37	27	93	9	36	69	
60786	9.7	41	87	8.8	29	508	167	
60787	2.4	129	41	145	11	110	75	
60788	2.3	15	41	31	9	102	70	
60789	28.7	43	188	3744	62	1227	1100	
60790	3.3	74	23	207	10	112	99	
60791	42.9	67	198	2725	22	1587	1120	
60792	50.6	30	264	2835	41	1265	1150	
60793	70.6	81	279	1713	19	1710	1500	
60794	651.7	96	1804	14968	63	1793	5700	
60795	51.8	44	174	1589	60	1889	510	
60796	18.9	20	66	332	18	276	192	
60797	9.1	24	73	275	48	409	169	
60798	3.9	9	45	89	10	105	75	
60799	2.1	1	25	43	10	64	24	
60800	1.8	7	31	24	8	80	9	

COMPANY: FAIRBANK ENGINEERING — MIN-EN LABS ICP REPORT — ACTIVATION PAGE 1 OF 1

PROJECT NO: SILVER DOLLAR '87 — 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 — FILE NO: 8-922/P3

ATTENTION: B.FAIRBANK/R.FELLERER — (604)980-5814 OR (604)988-4524 — * TYPE ROCK GEOCHEM * — DATE: JULY 23, 1988

VALUES IN PPM	Mo	Cu	Pb	Zn	Ag	Ni	As	Au-ppb
60743	3.7	50	10	99	9	121	559	
60744	19.6	28	86	1866	15	1695	510	
60745	7.6	73	29	108	9	117	119	
60746	4.2	55	54	152	12	223	525	
60747	4.4	72	41	132	12	124	144	
60748	3.1	73	17	177	13	214	650	
60749	7.8	17	45	155	11	154	126	
60750	18.4	16	76	169	16	126	257	
60751	5.2	72	15	210	8	1251	243	
60752	22.9	72	81	149	15	95	17000	
60753	3.6	56	36	179	21	456	198	
60754	2.0	30	32	84	8	221	121	
60755	2.6	72	6	148	10	137	143	
60756	5.9	105	21	186	15	124	326	
60757	2.7	91	20	202	13	372	297	
60758	1.6	40	10	92	12	132	78	
60759	4.7	95	7	256	12	250	323	
60760	8.6	98	34	462	15	129	580	
60761	2.1	8	21	27	2	34	169	
60762	2.1	23	25	58	7	47	312	
60763	10.2	79	31	624	17	154	1542	
60764	1.0	46	9	95	11	82	3100	
60765	3.1	43	21	172	9	238	324	
60766	4.2	124	21	418	9	228	185	
60767	2.7	63	18	182	12	98	454	
60768	1.3	21	7	61	5	54	144	
60769	2.1	71	23	113	8	124	215	
60770	15.4	88	61	76	17	91	1	
60771	1.8	27	16	87	9	81	113	
60772	1.6	6	18	26	5	29	78	
60773	3.8	76	34	371	8	173	715	
60774	6.4	81	47	748	14	186	147	
60775	1.8	32	17	42	9	53	79	
60776	.9	16	9	38	7	61	80	
60777	10.2	59	47	448	10	172	227	
60778	3.2	56	19	86	10	215	275	
60779	1.6	30	29	25	7	45	97	
60780	1.9	28	0	169	12	275	79	
60781	5.6	58	97	262	12	185	264	
60782	2.5	30	22	115	8	166	112	
60783	4.2	37	28	190	12	152	139	
60784	7.1	62	10	91	14	165	980	
60785	2.2	37	27	93	9	36	69	
60786	9.7	41	87	8.8	29	508	167	
60787	2.4	129	41	145	11	110	75	
60788	2.3	15	41	31	9	102	70	
60789	28.7	43	188	3744	62	1227	1100	
60790	3.3	74	23	207	10	112	99	
60791	42.9	67	198	2725	22	1587	1120	
60792	50.6	30	264	2835	41	1265	1150	
60793	70.6	81	279	1713	19	1710	1500	
60794	651.7	96	1804	14968	63	1793	5700	
60795	51.8	44	174	1589	60	1889	510	
60796	18.9	20	66	332	18	276	192	
60797	9.1	24	73	275	48	409	169	
60798	3.9	9	45	89	10	105	75	
60799	2.1	1	25	43	10	64	24	
60800	1.8	7	31	24	8	80	9	

COMPANY: FAIRBANK ENGINEERING — MIN-EN LABS ICP REPORT — (ACT-F2.) PAGE 1 OF 1

PROJECT NO: SILVER DOLLAR(S.D.) — 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 — FILE NO: B-423/P5

ATTENTION: B.FAIRBANK R.FAULKNER — (604)980-5814 OR (604)988-4524 — * TYPE ROCK GEOCHEM * — DATE:JULY 15, 1988

(SAMPLE NUMBER)	48	49	Mn	Fe	Sr	ZN	Au-PPB
b0803	1.9	10	27	36	7	58	1
b0804	1.6	7	26	18	9	92	2
b0805	1.7	7	24	27	2	76	2
b0806	1.2	3	27	20	7	89	3
b0807	7.4	34	113	609	10	614	370
b0808	1.7	1	39	57	9	109	48
b0809	.9	1	36	21	6	56	9
b0810	.8	12	23	28	10	51	2
b0811	10.1	112	61	454	12	455	3850
b0812	2.7	29	36	66	10	30	785
b0813	2.9	33	31	42	14	100	47
b0814	4.3	25	33	112	12	249	418
b0815	1.6	6	25	22	9	41	16
b0816	1.4	1	32	24	8	63	19
b0817	1.4	1	29	32	7	72	95
b0851	9.6	27	79	325	12	191	315
b0852	4.6	16	37	149	9	93	118
b0853	8.3	22	60	234	18	319	237
b0854	6.0	13	47	117	11	143	162
b0855	31.5	46	89	347	28	289	570
b0856	5.8	3	41	67	11	92	96
b0857	2.4	1	28	32	7	76	45

APPENDIX F

UNDERGROUND ROCK GOLD AND SILVER FIRE ASSAYS

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TELEPHONE (604) 980-5814 OR (604) 988-4524
TELEX: VIA U.S.A. 7601087 • FAX (604) 980-9621

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9998

Certificate of ASSAY

Company:FAIRBANK ENGINEERING
Project:SILVER DOLLAR
Attention:B.FAIRBANK

File:8-806/P1
Date:JULY 1/88
Type:PULP ASSAY

We hereby certify the following results for samples submitted.

Sample Number	AU G/TONNE	AU OZ/TON
60 406	2.05	0.060
60 409	5.38	0.157
60 411	.47	0.014
60 412	.40	0.012
60 414	.41	0.012
60 415	.57	0.017
60 416	1.02	0.030
60 418	.60	0.018
60 420	4.40	0.128
60 422	.81	0.024
60 423	.40	0.012
60 424	.70	0.020
60 426	.60	0.018
60 427	1.22	0.036
60 452	1.23	0.036
60 453	.43	0.013
60 457	12.85	0.375
60 461	.42	0.012
60 462	.62	0.018
60 466	.55	0.016
60 467	.57	0.017
60 471	.44	0.013
60 473	.60	0.018
60 476	.42	0.012
60 477	.61	0.018
60 478	.62	0.018
60 481	7.48	0.218
60 482	1.50	0.044
60 483	.60	0.018
60 486	.56	0.016
60 487	2.98	0.087
60 488	.36	0.011

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PHONE:(604)980-5814 OR (604)988-4524 TELEX:VIA USA 7601067 UC

Certificate of Assay

Company:FAIRBANK ENGINEERING
Project:155-88 SILVER DOLLAR
Attention:B.FAIRBANK/R.FAULKNER

File:8-630/P2
Date:JULY 5/88
Type:ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	AU G/TONNE	AU OZ/TON
60 537	11.30	0.330
60 540	34.95	1.019
60 541	3.20	0.093

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Certificate of ASSAY

Company:FAIRBANK ENGINEERING
Project:155-88 SILVER DOLLAR
Attention:B.FAIRBANK/R.FAULKNER

File:8-630/P1
Date:JULY 5/88
Type:ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	AU G/TONNE	AU OZ/TON
60 429	.59	0.015
60 435	1.37	0.040
60 436	.61	0.018
60 437	.36	0.011
60 440	.30	0.009
60 444	3.40	0.099
60 446	2.20	0.064
60 447	1.10	0.034
60 448	.40	0.012
60 449	.33	0.010
60 493	.46	0.013
60 501	2.36	0.066
60 503	.38	0.011
60 506	.59	0.017
60 507	.60	0.018
60 508	.42	0.012
60 509	2.48	0.072
60 514	1.00	0.029
60 517	1.18	0.034
60 518	.35	0.010
60 520	1.45	0.042
60 521	.46	0.013
60 522	12.30	0.359
60 523	.40	0.012
60 524	.39	0.011
60 525	4.74	0.138
60 527	.44	0.013
60 528	3.03	0.089
60 531	4.40	0.128
60 533	17.15	0.500

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TIMMINS OFFICE:
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P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Certificate of ASSAY

Company: FAIRBANK ENGINEERING
Project: 155-88 SILVER DOLLAR
Attention: BRIAN FAIRBANK

File: 8-878/P1
Date: JULY 21/88
Type: PULP ASSAY

We hereby certify the following results for samples submitted.

Sample Number	AG G/TONNE	AG OZ/TON	AU G/TONNE	AU OZ/TON
60 543	39.9	1.16	1.39	0.041
60 548	9.8	0.29		
60 550	232.0	6.77	5.22	0.152
60 551	15.9	0.46		
60 553	870.0	25.38		
60 554	16.2	0.47		
60 555	12.0	0.35		
60 556	109.6	3.20	16.84	0.491
60 557	171.0	5.02	1.37	0.040
60 559	905.0	17.40	27.10	0.790
60 560	107.5	3.14	1.39	0.041
60 561	109.0	3.18		
60 564	22.7	0.66	1.46	0.043
60 565	12.0	0.35		
60 567			2.59	0.075
60 568	97.8	2.85	3.01	0.088
60 571	76.0	2.22	1.59	0.046
60 573	11.7	0.34		
60 574	71.6	2.09	25.00	0.729
60 575			1.84	0.054
60 577	66.5	1.94	17.70	0.522
60 580	64.0	1.87	5.16	0.151
60 581	20.3	0.59		
60 583	57.0	1.66	2.16	0.063
60 585	10.2	0.30		
60 586	142.0	4.14	5.74	0.167
60 588	16.3	0.48		
60 589	48.0	1.40	1.58	0.046
60 601			2.38	0.069
60 609			1.94	0.057

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TELEPHONE: (705) 264-9996

Certificate of ASSAY

Company: FAIRBANK ENGINEERING
Project: SILVER DOLLAR
Attention: B. FAIRBANK

File: 8-806/P1
Date: JULY 21/88
Type: PULP ASSAY

We hereby certify the following results for samples submitted.

Sample Number	AG G/TONNE	AG OZ/TON
60 406	12.1	0.35
60 414	12.4	0.36
60 420	36.4	1.06
60 457	18.8	0.55
60 462	21.3	0.62
60 467	495.0	14.44
60 473	12.2	0.36

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TELEPHONE: (705) 264-9996

Certificate of ASSAY

Company: FAIRBANK ENGINEERING
Project: 155-88 SILVER DOLLAR
Attention: BRIAN FAIRBANK

File: 8-878/P2
Date: JULY 21/88
Type: PULP ASSAY

We hereby certify the following results for samples submitted.

Sample Number	AG G/TONNE	AG OZ/TON	AU G/TONNE	AU OZ/TON
60 611	20.0	0.58		
60 612			2.63	0.077
60 617	28.5	0.83		
60 618	485.0	14.15	2.97	0.087
60 621			2.85	0.083
60 633			2.11	0.062
60 636	36.6	1.07	4.65	0.136
60 637	18.4	0.54		
60 639	80.0	2.33	1.69	0.049
60 641	41.2	1.20	1.01	0.029
60 642	319.0	9.30		
60 643	15.8	0.46		
60 645	65.0	1.90	4.20	0.123
60 648	690.0	20.13	35.90	1.047
60 649	15.7	0.46	1.82	0.053
60 650	41.5	1.21	3.67	0.107
60 651	62.0	1.81	6.00	0.175
60 652	10.7	0.31		
60 653	70.0	2.04	19.00	0.554
60 658	59.8	1.74	27.20	0.793
60 660	30.2	0.88	11.60	0.338
60 662	173.0	5.05	5.40	0.158
60 664	30.3	0.88	1.83	0.053
60 666	33.8	0.99	8.90	0.260
60 667	18.0	0.53	3.18	0.093
60 668	119.0	3.47	17.60	0.513
60 670	58.2	1.70	14.80	0.432
60 672	298.0	8.69	1.49	0.043
60 673	13.7	0.40		
60 674	90.0	2.63	13.70	0.400

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TELEPHONE (705) 264-9996

Certificate of ASSAY

Company: FAIRBANK ENGINEERING.
Project: SD
Attention: B. FAIRBANK/R. FAULKNER

File: 8-830/P1
Date: JULY 22/88
Type: PULP ASSAY

We hereby certify the following results for samples submitted.

Sample Number	AG G/TONNE	AG OZ/TON
60 520	26.3	0.77
60 522	1210.0	35.29
60 525	118.0	3.44
60 527	71.2	2.08
60 528	67.8	1.98
60 531	199.0	5.80
60 533	1840.0	53.67
60 535	9.9	0.29
60 537	425.0	12.40
60 540	935.0	27.27
60 541	22.6	0.66

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TELEPHONE: (705) 264-9996

Certificate of ASSAY

Company: FAIRBANK ENGINEERING
Project: 155-88 SILVER DOLLAR
Attention: BRIAN FAIRBANK

File: 8-878/P3
Date: JULY 21/88
Type: PULP ASSAY

We hereby certify the following results for samples submitted.

Sample Number	AG G/TONNE	AG OZ/TON	AU G/TONNE	AU OZ/TON
60 676	43.8	1.28	1.68	0.049
60 678	230.0	6.71	2.38	0.069
60 679	910.0	26.54	10.80	0.315
60 680	198.0	5.78		
60 681	66.0	1.93	16.20	0.473

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TELEPHONE (705) 264-9996

Certificate of ASSAY

Company: FAIRBANK ENGINEERING
Project: SILVER DOLLAR (S.S.)
Attention: B. FAIRBANK/R. FAULKNER

File: 8-923/P2
Date: JULY 22/88
Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	AG G/TONNE	AG OZ/TON	AU-FIRE G/TONNE	AU-FIRE OZ/TON
60 855	34.4	1.00		

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TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Certificate of ASSAY

Company: FAIRBANK ENGINEERING
Project: SILVER DOLLAR (S.S.)
Attention: B. FAIRBANK/R. FAULKNER

File: 8-923/P1
Date: JULY 22/88
Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	AG G/TONNE	AG OZ/TON	AU-FIRE G/TONNE	AU-FIRE OZ/TON
60 683			2.73	0.080
60 684	65.7	1.92	3.18	0.093
60 687	138.0	4.03		
60 688	29.9	0.87	7.78	0.227
60 690	3790.0	110.54	57.80	1.686
60 691	16.6	0.48		
60 692	12.8	0.37		
60 694	14.0	0.41	7.84	0.229
60 696	39.9	1.16	41.60	1.213
60 698	13.7	0.40	3.51	0.102
60 700	46.2	1.35	2.87	0.084
60 703	12.8	0.37	2.81	0.082
60 705			2.66	0.078
60 709			1.19	0.035
60 712			1.82	0.053
60 715			9.24	0.270
60 744	22.0	0.64		
60 750	19.7	0.57		
60 752	21.4	0.62	15.62	0.456
60 764	9.9	0.29	3.27	0.095
60 771	12.0	0.35	7.42	0.216
60 777	9.9	0.29		
60 789	40.0	1.17		
60 791	42.6	1.24	1.06	0.031
60 792	55.0	1.60	1.18	0.034
60 793	71.4	2.08	1.83	0.053
60 794	730.0	21.29	6.79	0.198
60 795	57.6	1.68		
60 796	19.8	0.58		
60 811	11.9	0.35	4.05	0.118

Certified by _____
MIN-EN LABORATORIES LTD.

APPENDIX G

DIAMOND DRILL CORE GEOCHEMISTRY

COMPANY: FAIRBANK ENGRG. MIN-EN LABS ICP REPORT (ACT:F31) PAGE 1 OF 1

PROJECT NO: S.D. 705WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 FILE NO: 8-1068

ATTENTION: B.FAIRBANK (604)980-5814 OR (604)988-4524 # TYPE ROCK GEOCHEM # DATE:SEPT 9, 1988

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
16024 DDH02-52.60-55.17	2.9	26	544	22	6	38	4
16025 DDH03-09.32-10.25	.9	21	46	21	8	70	1
16026 DDH03 13.85-14.80	.6	7	16	6	2	49	17
16027 DDH03 28.75-30.00	2.5	34	39	18	5	61	6
16028 DDH03-30.00-30.93	2.7	36	51	24	5	97	3
16029 DDH03 30.93-31.85	2.4	50	35	13	5	70	2
16030 DDH03-31.85-33.00	3.4	58	62	48	5	118	91
16031 DDH03-33.00-33.45	3.4	48	33	72	8	57	288
16032 DDH03-33.45-33.85	3.9	72	27	31	13	39	27
16033 DDH03-33.85-34.40	3.2	50	17	35	9	64	210
16034 DDH03-34.40-35.05	2.9	68	48	26	4	57	50
16035 DDH03-35.05-36.20	2.6	42	48	18	5	96	22
16036 DDH03-41.20-42.33	1.6	11	35	78	6	114	5
16037 DDH04-13.85-15.24	.5	35	85	11	4	68	9
16038 DDH04-38.05-39.65	3.1	1	47	25	3	48	20
16039 DDH04-39.65-40.43	2.8	46	201	23	5	65	16
16040 DDH04-40.43-41.30	1.7	34	45	12	8	57	4
16041 DDH04-41.30-42.30	2.4	24	57	13	7	40	9
16042 DDH04-42.30-42.98	2.9	14	111	84	8	154	71
16043 DDH04-42.98-43.89	1.5	1	61	35	4	82	44

JUL 28 '88 15:43 MIN-EN LABS LTD 001 P02

COMPANY: FAIRBANK ENGINEERING LTD. MIN-EN LABS ICP REPORT (ACT:F31) PAGE 1 OF 1

PROJECT NO: S.D. 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 FILE NO: 8-1043/P1

ATTENTION: B.FAIRBANK B.CHROMEC (604)980-5814 OR (604)988-4524 # TYPE ROCK GEOCHEM # DATE:JULY 27, 1988

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
16001.01.18.29-18.85	1.2	45	18	21	2	44	24
16002.01.18.85-20.15	.9	34	15	13	1	45	18
16003.01.21.00-22.20	.8	4	16	3	1	47	2
16004.01.23.90-24.35	.3	1	22	10	2	68	3
16005.01.31.50-32.00	1.3	2	40	19	2	171	4
16006.01.33.00-34.15	.7	28	47	8	1	81	2
16007.02.13.35-14.33	.1	10	101	5	5	80	3
16008.02.24.91-26.22	.3	33	38	7	1	114	10
16009.02.29.06-31.14	1.3	29	26	17	2	63	2
16010.02.31.14-32.31	.4	12	72	16	1	81	4
16011.02.32.31-33.42	1.0	23	16	14	2	43	5
16012.02.33.42-34.09	1.2	31	19	12	5	20	2
16013.02.34.09-34.96	1.5	43	22	9	5	28	7
16014.02.34.96-35.79	2.4	67	11	44	7	88	135
16015.02.35.79-37.37	1.9	64	21	34	3	64	157
16016.02.37.10-38.00	2.5	22	15	104	1	341	69
16017.02.38.00-38.51	2.9	93	7	54	8	293	10
16018.02.38.51-39.53	1.5	63	22	18	2	70	12
16019.02.39.53-40.47	1.5	40	25	14	2	57	2
16020.02.40.47-41.03	.4	24	78	45	2	174	10
16021.02.41.03-41.76	1.3	51	51	11	2	62	4
16022.02.41.76-42.70	.1	10	35	7	1	48	5
16023.02.43.66-44.25	1.4	45	148	15	3	20	2

COMPANY: FAIRBANK ENGRG. MIN-EN LABS ICP REPORT (ACTIFS): PAGE 1 OF 1

PROJECT NO: S.D.DDH06 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 FILE NO: 8-1224

ATTENTION: B.FAIRBANK (604)980-5814 OR (604)988-4524 # TYPE ROCK GEOCHEM # DATE:SEPT 9, 1988

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
16079	1.3	64	58	19	1	31	8
16080	1.9	49	38	54	4	88	165
16081	.6	64	26	23	1	67	82
16082	.8	55	24	56	2	161	165
16083	7.7	140	10	395	1	986	2680
16084	.5	22	17	29	3	110	2

COMPANY: FAIRBANK ENGRG. MINEN LABS ICP REPORT (ACTIFS): PAGE 1 OF 1

PROJECT NO: S.D. 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 FILE NO: 8-1087R

ATTENTION: B.FAIRBANK (604)980-5814 OR (604)988-4524 # TYPE ROCK GEOCHEM # DATE:SEPT 9, 1988

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
16044 DDH04-43.89-44.68	2.6	23	33	28	4	61	81
16045 DDH04-44.68-45.70	3.8	58	34	40	8	63	39
16046 DDH04-45.70-46.75	2.9	46	35	20	4	74	5
16047 DDH04-52.43-53.10	.5	1	55	11	3	73	2
16048 DDH04-56.25-57.75	2.8	21	36	35	1	74	3
16049 DDH05-15.85-16.25	.9	9	21	10	5	42	2
16050 DDH05-46.33-47.55	1.4	1	16	16	5	72	3
16051 DDH05-47.60-48.77	.7	1	28	16	4	96	5
16052 DDH05-54.55-55.20	1.4	5	20	8	3	68	4
16053 DDH05-57.00-59.40	3.7	213	18	19	10	62	1
16054 DDH05-61.05-61.87	.8	13	36	16	5	50	3
16055 DDH05-61.87-63.30	1.1	6	18	15	4	47	2
16056 DDH05-66.80-68.40	1.7	1	12	11	6	54	4
16057 DDH05-68.40-69.80	1.4	1	10	14	6	69	2
16058 DDH05-69.80-70.90	1.8	16	21	14	4	36	1
16059 DDH05-70.90-72.00	1.4	10	28	5	4	45	3
16060 DDH05-72.00-72.80	.3	28	89	10	2	71	4
16061 DDH05-77.85-78.75	.4	15	103	14	1	72	7
16062 DDH05-79.50-80.40	.5	12	98	10	1	73	1

COMPANY: FAIRBANK ENGRG. MIN-EN LABS ICP REPORT (ACT:F31) PAGE 1 OF 1
PROJECT NO: S.D. 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 FILE NO: 8-1114
ATTENTION: B.FAIRBANK (604)990-9814 OR (604)988-4524 # TYPE ROCK GEOCHEM # DATE:SEPT 9, 1988

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
16078	.9	18	33	15	4	63	4

COMPANY: FAIRBANK ENGINEERING LTD. MIN-EN LABS ICP REPORT (ACT:F31) PAGE 1 OF 1
PROJECT NO: SILVER DOLLAR 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 FILE NO: 8-1114R/P1
ATTENTION: B.FAIRBANK (604)990-9814 OR (604)988-4524 # TYPE ROCK GEOCHEM # DATE:SEPT 26, 1988

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
16063	.2	17	183	3	2	64	4
16064	1.1	140	60	9	4	91	3
16065	.7	22	109	2	3	63	1
16066	.1	1	65	3	3	67	2
16067	.8	30	24	1	3	87	1
16068	.6	26	16	3	3	69	1
16069	.5	31	21	6	5	117	2
16070	.8	1	27	9	4	78	2
16071	.9	49	43	3	4	107	3
16072	1.0	1	25	6	4	71	3
16073	1.2	1	1	1	1	59	3
16074	1.2	1	5	2	4	70	2
16075	1.0	1	21	3	5	65	4
16076	.7	16	44	16	1	81	3
16077	.5	4	36	12	1	126	2
16106	.9	33	17	15	4	100	2
16107	.5	26	14	9	4	107	2
16108	.1	2	4	5	6	73	3
16109	.4	27	4	6	3	48	25
16110	1.2	50	1	256	1	550	204
16111	.6	49	9	11	1	58	40
16112	.5	2	17	9	2	67	3
16114	.4	1	1	5	5	57	12
16115	.9	23	9	3	5	68	4
16127	1.5	33	32	2	5	59	8
16128	.1	7	1	6	1	41	6

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SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Certificate of ASSAY

Company: FAIRBANK ENGINEERING
Project: S.D.DDH05
Attention: B.FAIRBANK

File: 8-1224/P1
Date: SEPT. 9/88
Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	AU G/TONNE	AU OZ/TON
15083	2.82	0.082

Certified by _____

MIN-EN LABORATORIES LTD.

APPENDIX H

CLAIM BOUNDARY ROCK GEOCHEMISTRY

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VANCOUVER OFFICE:
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TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Certificate of ASSAY

Company:FAIRBANK ENGINEERING
Project:155-88
Attention:B.FAIRBANK

File:8-1542/P1
Date:SEPT.17/88
Type:ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	AU G/TONNE	AU OZ/TON
RF88SD 100	3.60	0.105

Certified by

MIN-EN LABORATORIES LTD.

COMPANY: FAIRBANK ENGRS. MIN-EN LABS ICP REPORT (ACT:FIRE) PAGE 1 OF 1
PROJECT NO: 155-88 S.B. 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 FILE NO: 8-1549R
ATTENTION: B.FAIRBANK (604)980-5814 OR (604)988-4524 # TYPE ROCK GEOCHEM # DATE:SEPT 18, 1988

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
RF88SD 102	.8	560	19	34	7	47	62
RF88SD 103	2.1	504	31	411	10	462	960

COMPANY: FAIRBANK ENGRS. MIN-EN LABS ICP REPORT (ACT:FIRE) PAGE 1 OF 1
PROJECT NO: 155-88 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 FILE NO: 8-1542
ATTENTION: B.FAIRBANK (604)980-5814 OR (604)988-4524 # TYPE ROCK GEOCHEM # DATE:SEPT 18, 1988

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
RF88SD 100	60.0	1629	90	182	47	98	3110
RF88SD 101	2.4	107	40	49	1	67	22