

LOG NO: <i>March 14/91</i> RD.
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ASSESSMENT REPORT OF THE 1990

DIAMOND DRILLING PROGRAM

ON THE TEA II CLAIM GROUP

(TEA 1-4, SNOWSHOE 3 CLAIMS)

Omineca Mining Division

Latitude 55°08'N/Longitude 124°07'W

NTS 93N/1E

Owned and Operated by: **BP Resources Canada Limited**
700-890 West Pender Street
Vancouver, B.C.
V6C 1K5

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

21,078

BPVR 90-5

D. R. Barnes
February, 1991.

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1. SUMMARY

The TEA II claim group, located 80 km north of Fort St. James and lying immediately west of the large Mt. Milligan porphyry copper-gold project in north-central B.C., was the focus of a 1990 diamond drilling program by BP Resources Canada Limited.

Drill roads, totalling approximately 3 km, and drill pads were prepared in late August and early September by Quest Canada Drilling Ltd.

From September 7 - September 22, 1990, a total of 1427.4 m of NQ diamond drilling was completed in 10 holes in an effort to determine the cause of several geophysical anomalies.

The area is underlain by Upper Triassic-Lower Jurassic Takla Group pyroclastics and volcanoclastics with minor, volumetrically subordinate intrusions consisting of monzodiorite to syenomonzonite dykes and sills. Stratigraphy consists of a moderately east-dipping sequence of calcareous and carbonaceous argillites (locally graphitic and locally pyritic), interbedded calcareous feldspar crystal ash latite tuffs, and multilithic latite lapilli tuff-breccias. These are cut by numerous shear zones which are associated with strong clay, sericite and carbonate alteration.

The results of the 1990 drilling program returned no economically significant values.

A program of follow-up testing of existing isolated soil and magnetic anomalies is

2.

recommended.

A total of \$113,400.00 has been applied to the TEA II Group and upon acceptance will maintain all claims to their anniversary dates in 1998.

2. INTRODUCTION

A) Location and Access

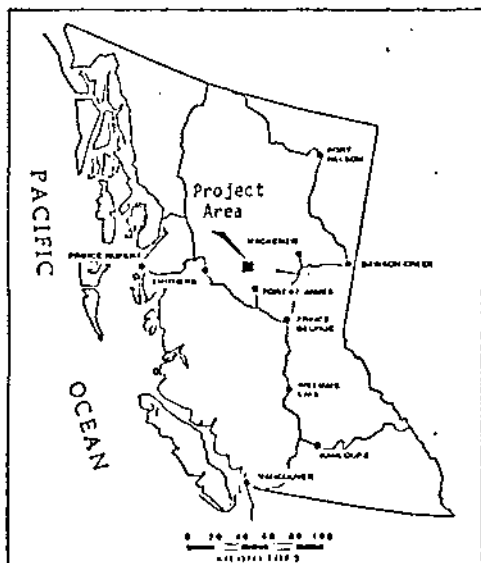
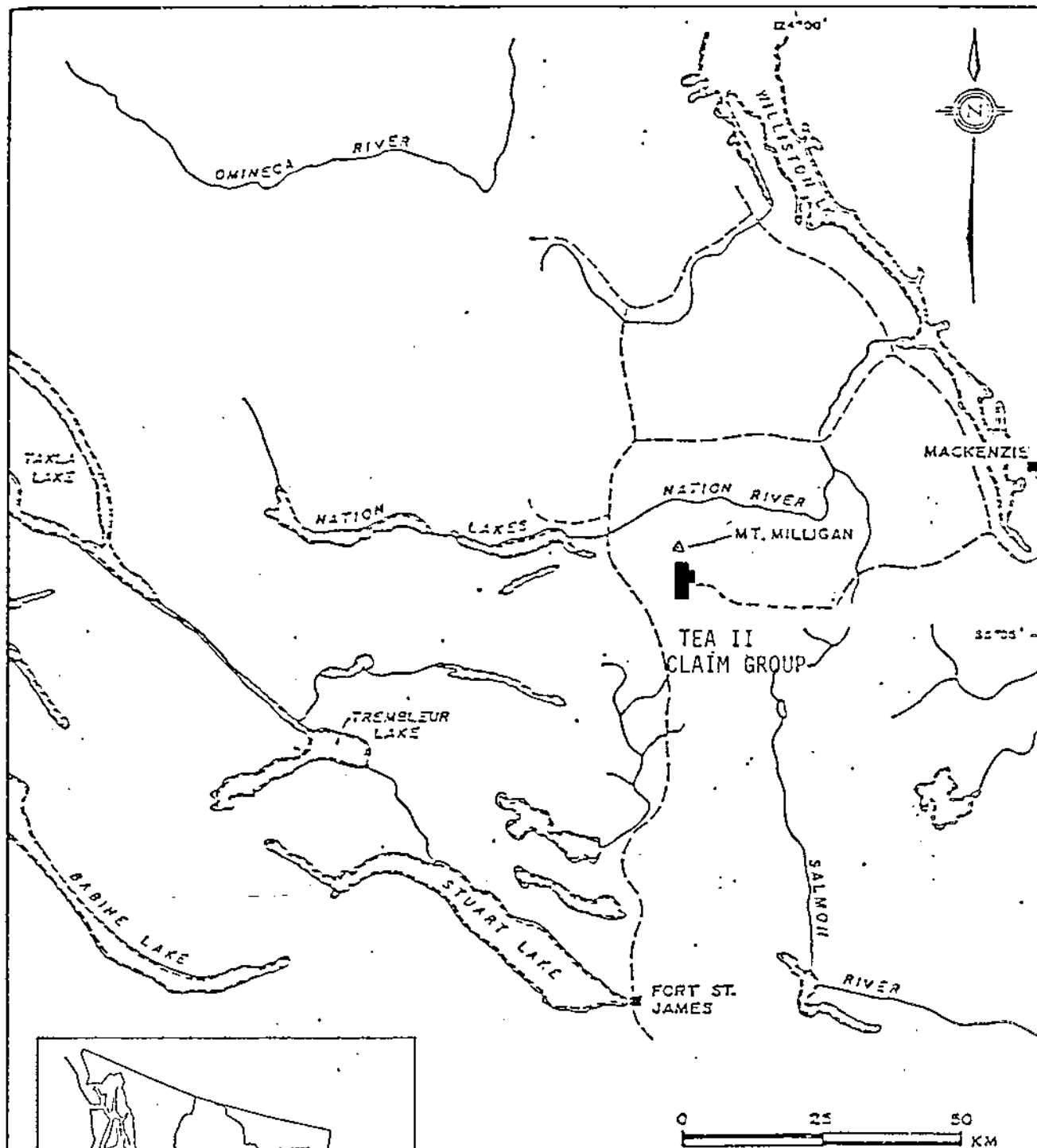
The TEA II claim group is centered at latitude 55°08'N and longitude 124°07'W in the Omineca Mining Division. Fort St. James is 80 km to the south and Mt. Milligan (elevation 1508 m) is 7 km to the north (Figure 1).

Access to the claims is by a 4-wheel-drive dirt road which extends 3.6 km north-west from the western end of Heidi Lake (Figure 4). Heidi Lake is accessed, through the Quest Canada Drilling camp at the eastern end of the lake, via an all-weather gravel road which extends 10 km beyond the Rainbow Creek bridge at the end of the Philips North Main Line logging road. The Philips North Main Line extends from Windy Point on Highway 97 which is approximately 150 km north of Prince George.

B) Topography and Vegetation

The claim area covers the western foot-slope of the north-northwest trending ridge extending from Mt. Milligan. Elevations range from 1000-1250 m above sea-level. The area is drained by a series of westerly-flowing tributaries of Suschona Creek. Recent beaver dams along these tributaries have created a chain of small lakes locally.

Vegetation consists mainly of relatively widely-spaced lodgepole pine with locally thick patches of alder occurring immediately above the main stream channels.



 BP Resources Canada Limited MINING DIVISION			
LOCATION MAP			
SCALE: As shown.	DRAWN BY:	FIG.	
DATE Feb/91	REV.:	DRAFTED BY:	1
N.T.S. 93N/1	PROJ. 10148	REPORT: BPVR 90-5	

C) Claims Status

The property consists of 93 contiguous units which were staked in March and April of 1989 and are wholly owned by BP Resources Canada Limited (Figure 2).

The claims were grouped on December 14, 1990 as the TEA II Group.

Essential data are listed as follows:

<u>Group Name</u>	<u>Claim Name</u>	<u>No. of Units</u>	<u>Record No.</u>	<u>Recording Date</u>	<u>Expiry Date</u>
TEA II	SNOWSHOE 3	15	10225	03/11/89	03/11/98
" "	TEA 1	20	10386	04/24/89	04/24/98
" "	TEA 2	20	10387	04/25/89	04/25/98
" "	TEA 3	20	10388	04/26/89	04/26/98
" "	TEA 4	18	10389	04/27/89	04/27/98

Total: 93 units

*** upon acceptance of applied assessment.**

D) History

Prior to 1989, the claim area had no known previous exploration and was acquired largely in response to exploration success on the adjoining Mt. Milligan copper-gold porphyry deposit.

In June, 1989, Aerodat Limited was contracted by BP Resources Canada Limited to conduct an airborne magnetometer and VLF-EM survey which revealed two areas of



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anomalous magnetic response (A.R. #19921).

In September, 1989, two grids were completed over the anomalous areas. A ground magnetometer survey was conducted and indicated a number of discrete magnetic highs. Results of I.P. surveys suggested large areas of anomalous chargeability.

3. REGIONAL GEOLOGY

The claim area is situated in the central part of the Quesnel Trough, within the Intermontane Tectonic Belt of the Canadian Cordillera. The Quesnel Trough assemblage consists principally of Upper Triassic Takla Group volcanic and sedimentary rocks which are correlative with the Nicola Group in southern B.C. and Stuhini Group in northern B.C. (Richards, 1976, Monger, 1977). The volcanic rocks are island-arc type calc-alkaline to alkaline pyroxene-rich flows and volcanoclastic rocks of predominantly submarine origin. They are interlayered with volcanic-derived greywacke and siltstone, with minor limestone and conglomerate. The assemblage was intruded by comagmatic alkaline intrusions and by the Jura-Cretaceous Omineca calc-alkaline intrusions, principally the Hogem Batholith. Northwest and northeast trending transcurrent and block faults, and minor folding have offset and juxtaposed major sections of the volcanic stratigraphy with the intrusive and sedimentary rocks (Figure 3).

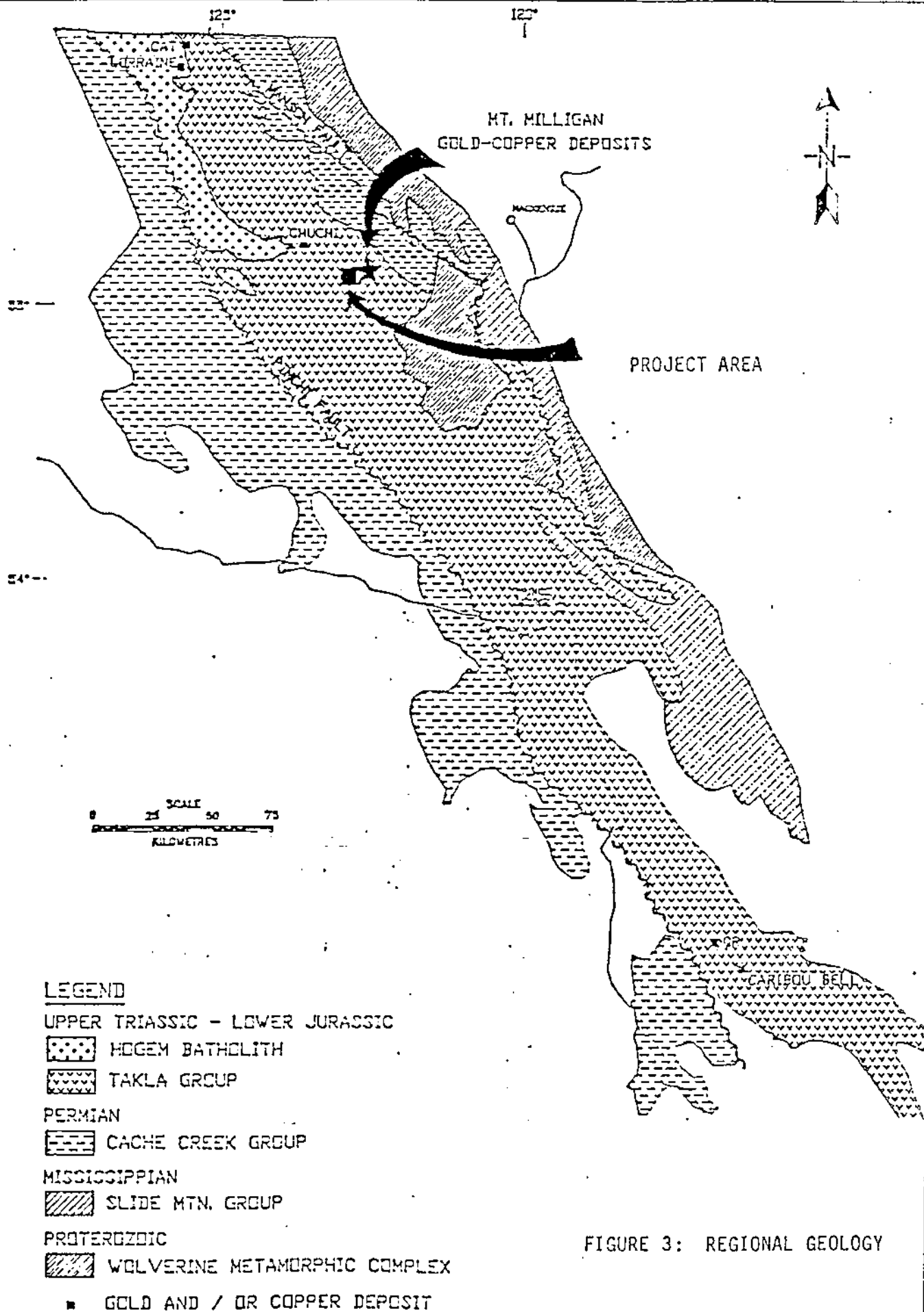


FIGURE 3: REGIONAL GEOLOGY

4. PROPERTY GEOLOGY

A) Lithologies

Description of property geology is summarized predominantly from diamond drilling and sparse outcrops uncovered by road development (Figure 4).

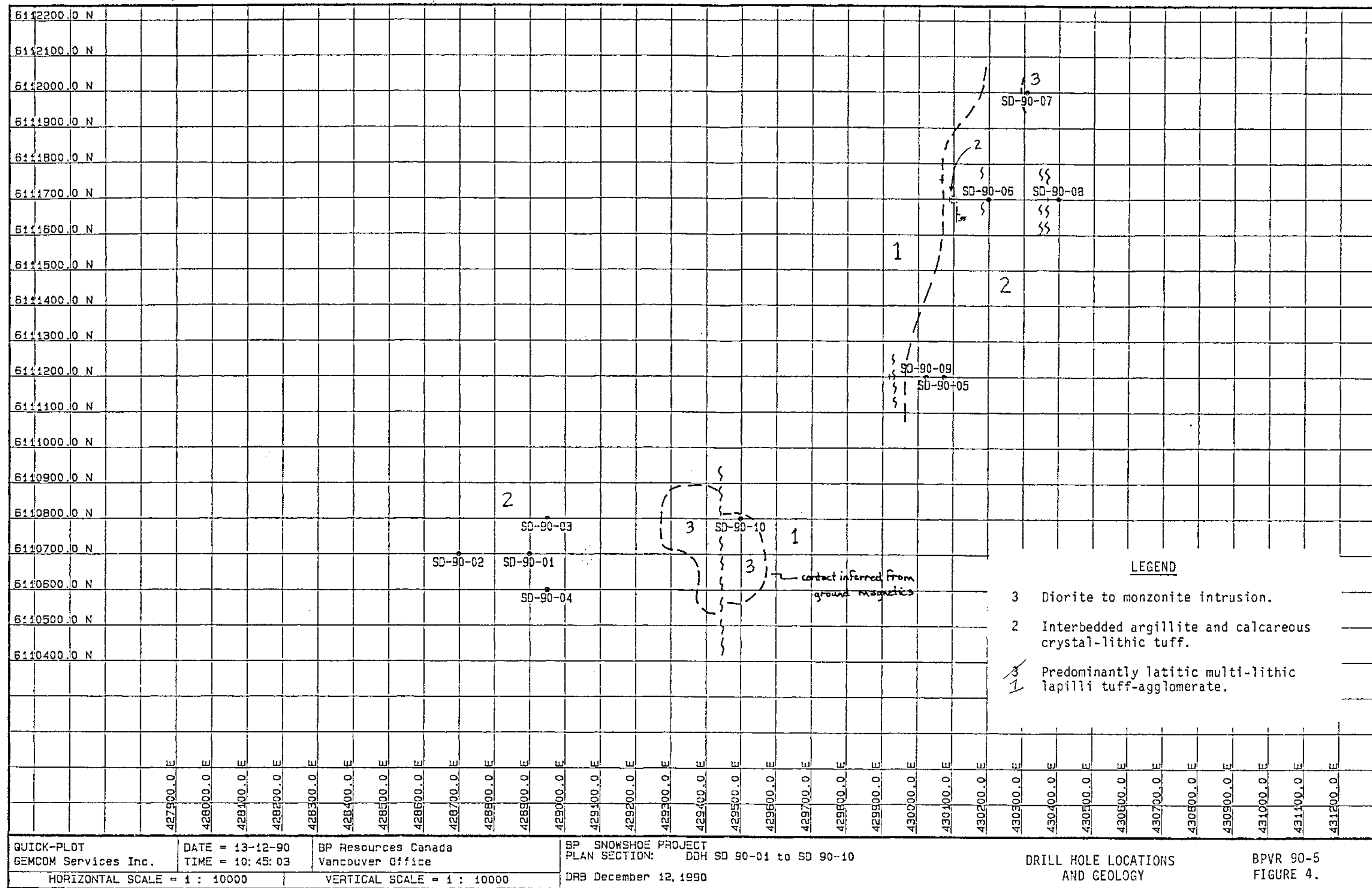
The area is underlain mainly by a moderately east-dipping series of calcareous and carbonaceous argillites, latitic fragmentals, and calcareous latitic tuffs of the Takla Group. These have been intruded by minor intrusions consisting of fine to medium-grained subporphyritic monzodiorite to medium-grained hornblende-plagioclase porphyritic syenomonzonite dykes and sills.

B) Structure

The structural geology on the property is poorly defined due to the lack of outcrop.

An outcrop of bedded argillite and calcareous tuffs near drill hole SD 90-6 strikes north-south with moderate to steep (50-55°) easterly dips. These attitudes are consistent with those from Takla volcanic rocks found to the east on the Mt. Milligan deposit. They also correlate with dips calculated from drill hole SD 90-05, 90-06, 90-08 and 90-09 where dips average 45-55° east.

Generally, assuming north-south strikes, the average dips would be 25-35° to the east for drill holes SD 90-01 to SD 90-04. The shallower dips were determined from the most western drill holes, with a general trend of increasing easterly dips as one



progresses east across stratigraphy, on the property.

C) Mineralization and Alteration

Results of the diamond drilling indicate variable amounts of predominantly pyrite mineralization. Mineralization overall, is weak, with locally good pyrite (15%+) in calcareous and carbonaceous argillites. Pyrite, chalcopyrite, molybdenite and pyrrhotite are the only sulphide minerals noted. They are accompanied by strong carbonate, malachite, magnetite and iron oxides locally.

In drill holes SD 90-01 to SD 90-04, there was trace to 5% pyrite, averaging 1-2%. Drill holes SD 90-05 and SD 90-09 intersected pyritic calcareous and carbonaceous argillites (10-15% Py), interbedded calcareous feldspar crystal ash tuffs and calcareous multilithic lapilli tuffs with 3-8% pyrite, tr.-1% pyrrhotite, trace chalcopyrite and trace magnetite locally.

Drill holes SD 90-06, SD 90-07 and SD 90-08 contained only pyrite, ranging from trace to 10%, averaging 2-3%.

No significant geochemical assays were returned for drill holes SD 90-01 to SD 90-09.

Drill Hole SD 90-10 contained trace to 1% pyrite (locally up to 7% pyrite within a moderately magnetic monzodiorite), trace chalcopyrite and trace malachite locally. Within the monzodiorite (from 64.0-68.0 m) a 4 m interval returned 720 ppb Au. A

faulted zone of monzodiorite and plagioclase latite porphyry showed slightly enhanced levels in Cu (averaging 357 ppm) and Au (average 19 ppb) over 20 m, from 76.0-96.0 m.

Due to a generally north-trending shear (fault) system, drill holes SD 90-01 to SD 90-04 were strongly carbonate-sericite altered with intense fracturing and brecciation. Local weak epidote alteration, gouge-clay zones and sheared graphitic argillites were intersected.

Drill holes SD 90-05 and SD 90-09 encountered moderate-strong carbonate-sericite-chlorite alteration, and weak-moderate epidote alteration. Locally these drill holes contained sheared graphitic argillites, minor clay-gouge zones and locally weak hematite-talc-carbonate alteration.

Alteration in drill holes SD 90-06 and SD 90-08 consisted of moderate carbonate-sericite, weak to moderate chlorite-epidote and weak biotite (potassic) alteration.

Drill hole SD 90-07 was moderately to strongly carbonate-sericite and biotite (potassic) altered with zones of intense biotite alteration. Strong chlorite alteration of a plagioclase-augite porphyritic monzodiorite occurred over the bottom 69.1 m of the drill hole.

In the top half of drill hole SD 90-10 a moderately magnetic monzodiorite (4.9-76.6

m) was intersected with a pervasive moderate propylitic alteration assemblage. A weak to moderate propylitic (carbonate-chlorite-epidote) alteration assemblage, in a multilithic latite tuff, was encountered through the bottom half of SD 90-10.

5. DIAMOND DRILLING

From September 7, 1990 - September 22, 1990, Quest Canada Drilling Ltd. of Vancouver, B.C. completed 1427.4 m of NQ diamond drilling on ten holes (Figures 4 and 5).

Drill core was split, logged and stored on the property at the west end of Heidi Lake (Figure 4). Split core was sampled over 2 m intervals for all drill holes. Drill logs are included in Appendix III. Results for 30 element ICP and geochemical Au analysis, conducted by Acme Analytical Laboratories in Vancouver, are given in Appendix IV.

Drill holes SD 90-01, SD 90-02, SD 90-03 and SD 90-04 are clustered over a broad and weak copper-in-soil anomaly. Geophysics over this zone yielded a high I.P. response associated with a minor magnetic feature.

Drill Hole SD 90-01: was drilled vertically to a depth of 124.1 m, including 15.8 m of casing. The drill core is rubbly with moderate to strong carbonate-sericite alteration and locally weak epidote alteration. There are numerous shear zones (gouge and clay), intense alteration and locally sheared graphitic argillite (67.5 - 83.0 m). Geologically, the drill hole cut a package of interbedded calcareous feldspar crystal ash latite tuffs and calcareous, carbonaceous argillites. Minor sills/dykes of plagioclase porphyritic monzonite and hornblende-plagioclase porphyritic syenomonzonite intrude this package. Overall there is very little sulphide mineralization (trace to 1 % pyrite). No economic mineralization was intersected (Figures 6 and 7).

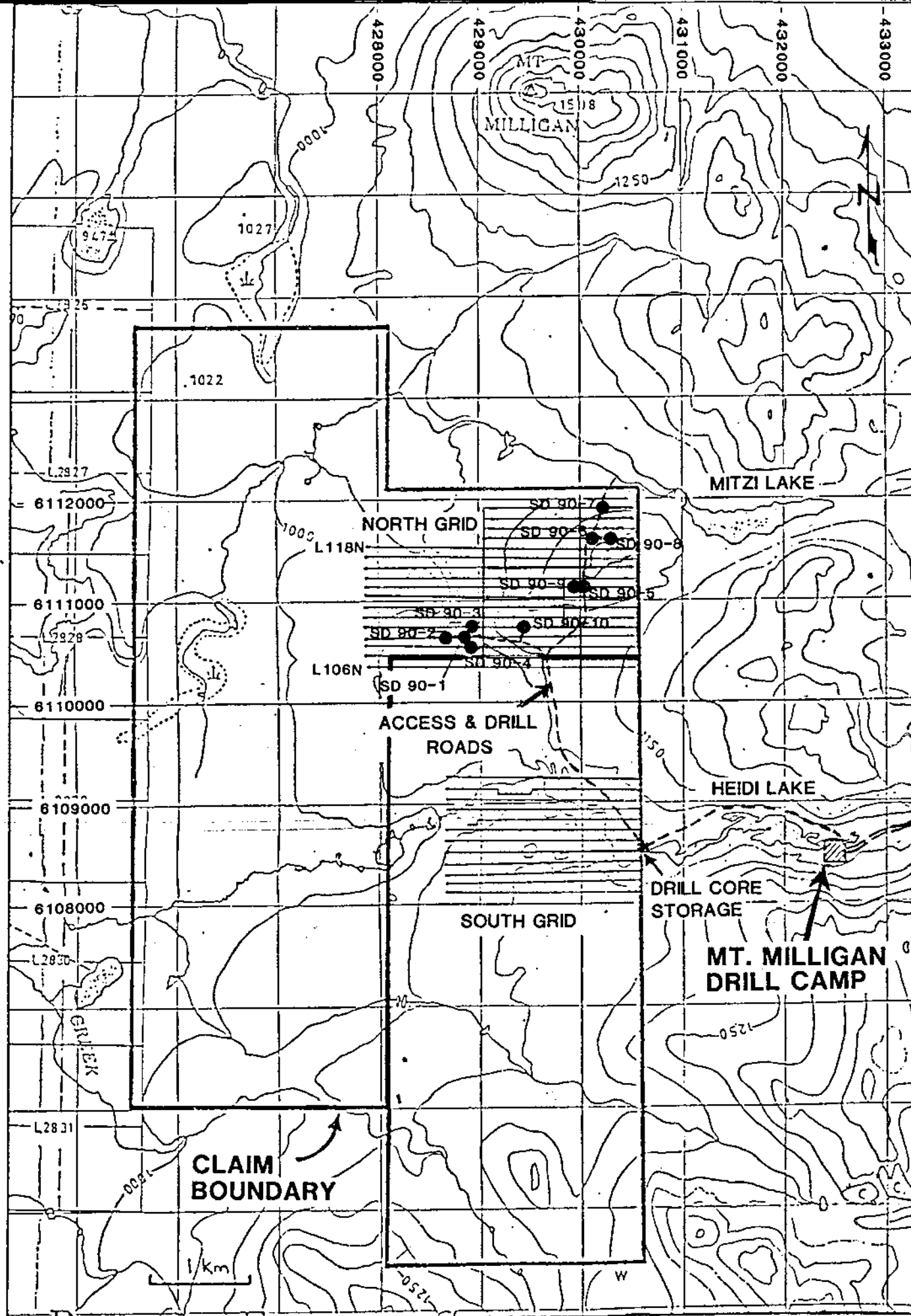


FIGURE 5: LOCATION

ACCESS & DRILL ROADS, DRILL HOLE LOCATIONS
and DRILL CORE STORAGE SITE

Drill Hole SD 90-02: located 200 m west of drill hole SD 90-01, was drilled vertically to a depth of 125.9 m. There was 45.7 m of casing required. The drill core is rubbly with moderate to strong carbonate-sericite alteration and locally weak chlorite-epidote alteration. Overall weak (trace to 2%) pyrite mineralization and no economic mineralization was encountered (Figures 8 and 9).

Drill Hole SD 90-03: located approximately 115 m north-northeast of drill hole SD 90-01, was drilled vertically to a depth of 127.1 m with 15.2 m casing required. Moderate to strong carbonate and sericite alteration was encountered throughout the drill hole with local weak to moderate chlorite and epidote alteration. A 5 cm wide calcite shear at 64.7 m contained trace chalcopyrite and molybdenite as fracture fillings. Again, no significant mineralization was intersected (Figures 10 and 11).

Drill Hole SD 90-04: located approximately 115 m south-southeast of drill hole SD 90-01, was drilled vertically to a depth of 148.4 m with 12.1 m of overburden encountered. The same altered package of calcareous crystal ash latite tuffs, multilithic latite lapilli tuffs and calcareous, carbonaceous argillites was intersected. The rock was sheared, commonly brecciated and strongly fractured. A slight increase in pyrite mineralization, ranging from 1-5% (averaging 3%) was noted in this drill hole. In a calcareous lithic ash latite tuff unit (93.2 - 102.0 m) there is trace chalcopyrite, although no economic mineralization was encountered (Figures 12 and 13).

Geochemically, drill holes SD 90-01 to SD 90-04 provided no economically significant values. With assumed regional north-south striking bedding, the package of calcareous and carbonaceous argillites, calcareous feldspar crystal ash tuffs, multilithic latite lapilli tuffs and tuff-breccias would, in general, dip 20-35° to the east. The amount of shearing, indicated by the gouge-clay, bleached, rubbly and strongly fractured core as well as the general overall strong carbonate-sericite alteration suggests a major fault structure with a probable north-south trend.

Drill holes SD 90-05, SD 90-06, SD 90-08 and SD 90-09 were oriented to test a large I.P. anomaly, with corresponding spotty anomalous Cu-in-soil geochemistry.

Drill Hole SD 90-05: was drilled vertically to a depth of 163.7 m, with 3.7 m of overburden. This drill hole cut a package of bedded pyritic calcareous and carbonaceous argillites, calcareous multilithic lapilli tuffs and feldspar crystal ash tuffs. The argillites contain 10-15% pyrite while the tuffaceous units generally contain 3-8% pyrite. Three late, weak to moderately altered, plagioclase porphyry monzodiorite dykes were intersected (at 24.4-27.4, 37.2-39.9 and 50.0-69.1 m) that contained only trace pyrite. From 108.6 to 149.0 m an altered multilithic lapilli tuff-breccia unit contains 1-2% pyrite, 1% pyrrhotite and trace chalcopyrite (Figures 14 and 15).

Drill Hole SD 90-09: collared 50 m due west of SD 90-05, was oriented -46° at azimuth 270° and drilled to a depth of 194.2 m (Figure 16). This hole intended to test up-dip of the weak mineralization encountered at the bottom of drill hole SD 90-05

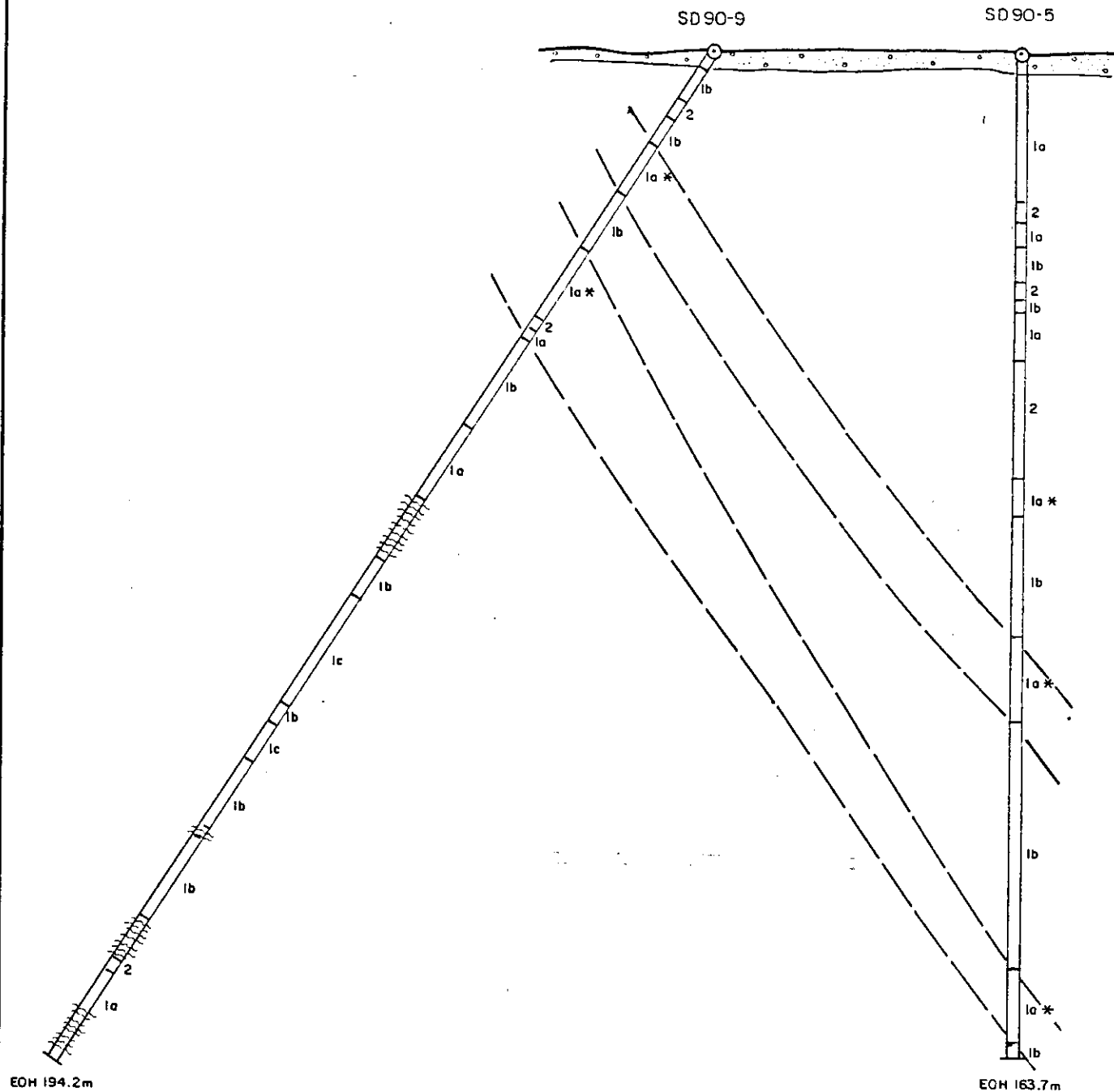
within pyritic argillaceous and tuffaceous units. From 12.5 to 55.3 m is a zone of increased pyrite mineralization, (ranges 8-15%, averages 12% pyrite), within pyritic calcareous and carbonaceous argillites, calcareous multilithic lapilli tuffs and calcareous feldspar crystal ash tuffs. These pyritic units appear to correlate with those in SD 90-05, yielding 45-55° easterly dips (assumed north-south strike to beds), (Figure 17). From 105.7 to 126.2 m an epidote altered plagioclase porphyry latite fragmental unit, with moderate to strong chlorite-epidote and weak hematite-talc-carbonate alteration, contains trace chalcopyrite, pyrite and magnetite.

From 126.2 to 130.5 m, 137.8 to 150.1 m, and 152.6 to 168.6 m a fragmental multilithic latite lapilli tuff-breccia, with weak to moderate chlorite-epidote alteration, has trace pyrite and trace chalcopyrite.

No significant assays were returned from the geochemical analysis (Figure 18), for drill hole SD 90-09.

To test a similar I.P. feature as the holes described above, drill holes SD 90-06 and SD 90-08 were collared approximately 500 m north of SD 90-05 and SD 90-09.

Drill Hole SD 90-06: was oriented -46° west and drilled to a depth of 160.6 m. From the bottom of casing at 9.1 m to 105.6 m the drill hole cut a sequence of interbedded calcareous and carbonaceous argillites, calcareous crystal ash and multilithic latite tuffs with 3% pyrite.



LEGEND

- 2 Monzodiorite porphyry
- 1
 - a) Argillite interbedded with calcareous crystal-ash tuff
 - b) Calcareous lithic lapilli tuff/breccia
 - c) Augite plagioclase porphyry latite flow/flow breccia
- ~~~~~ Shear zone
- * Pyritic

0 20 40 METRES



BP Resources Canada Limited
MINING DIVISION

SNOWSHOE PROJECT COMPOSITE CROSS-SECTION DRILL HOLES SD90-5,9

SCALE: 1:1000	DRAWN BY: R.W.	FIG. 17
DATE: MAR, '91	REV.	DRAFTED BY: Chong
N.T.S. 93N/1	PROJ. 10148	REPORT: BPVR 90-5

From 105.6 to 160.6 m a multilithic latite tuff-breccia-agglomerate unit, with generally weak carbonate-epidote-sericite alteration, contained 0.5 % pyrite (Figures 19 and 20).

Drill Hole SD 90-08: collared 200 m due east of SD 90-06, was oriented -45° west (Figures 21). The hole was lost at 44.8 m in strongly sheared, graphitic argillite. Figure 22 shows geochemical results for the 14 samples taken from this hole.

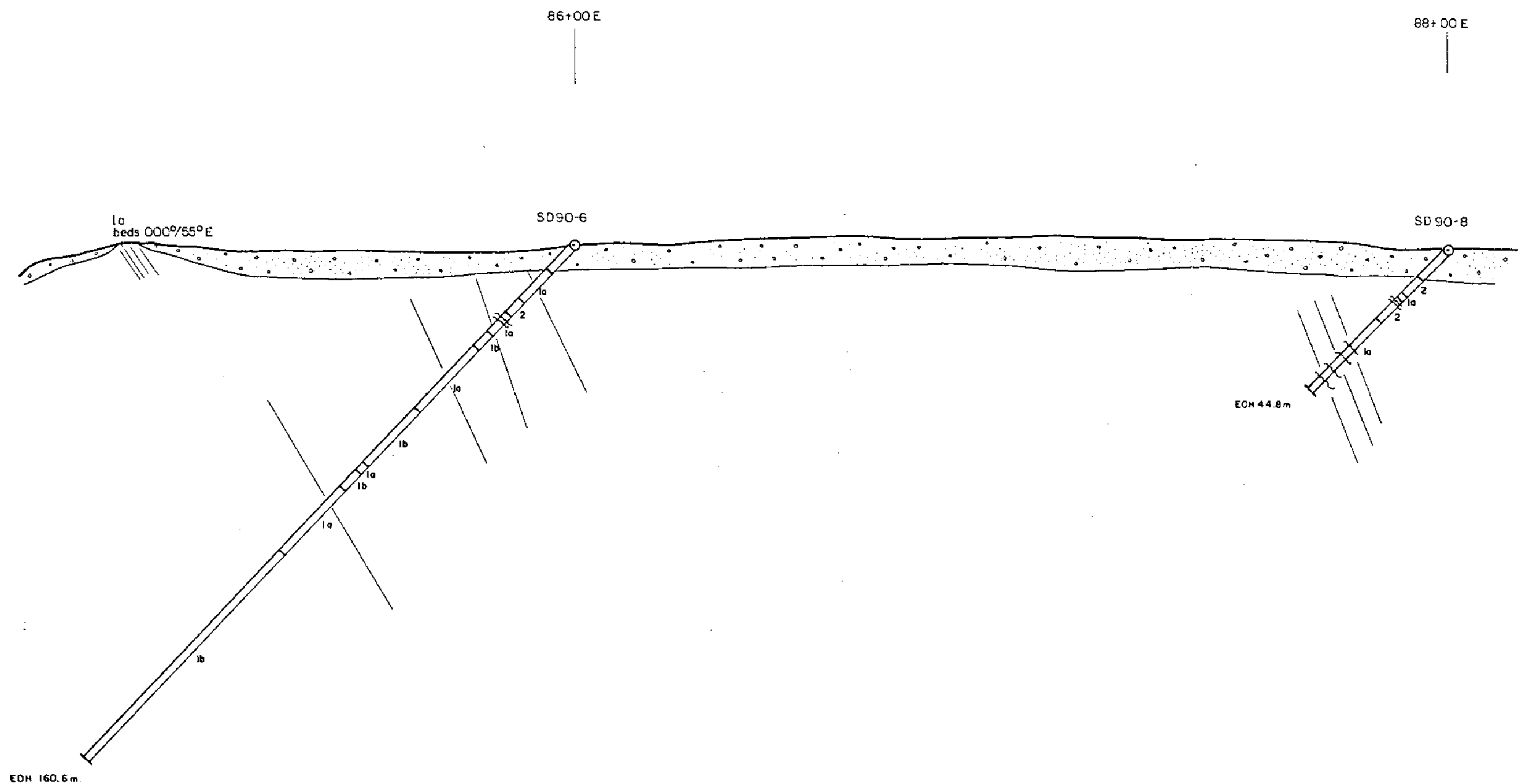
A composite cross-section for drill holes SD 90-6 and 90-8 is shown in figure 23.

Drill holes SD 90-06 and SD 90-08 did not return any significant geochemical values.

A coincident magnetic and I.P. anomaly, approximately 300 m north of holes SD 90-06 and SD 90-08, was tested by drill hole SD 90-07.

Drill Hole SD 90-07: was drilled vertically to a depth of 188.1 m (Figure 24). From the bottom of casing at 24.4 m to 72.7 m, a zone of strongly altered hornblende plagioclase porphyry dykes/sills(?), with minor quartz 'eyes', was intersected. From 72.7 to 119.0 m a zone of strong biotite alteration occurs within a sequence of calcareous and carbonaceous argillites, calcareous feldspar crystal ash tuffs and calcareous multilithic lapilli tuff-breccias. From 119.0 to 188.1 a unit of strongly chlorite altered plagioclase augite porphyritic monzodiorite was cut.

Geochemically, drill hole SD 90-07 provided no economically significant values (Figure 25).



LEGEND

- 2 Monzodiorite porphyry
- 1 a) Argillite interbedded with calcareous crystal-ash tuff
b) Calcareous lithic lapilli tuff/breccia
c) Augite plagioclase porphyry latite flow/flow breccia
- ~~~~ Shear zone
- * Pyritic

BP BP Resources Canada Limited
MINING DIVISION

SNOWSHOE PROJECT COMPOSITE CROSS-SECTION DRILL HOLES SD90-6,8

SCALE: 1:1000	DRAWN BY: R.W.	FIG. 23
DATE: MAR. '91	REV.:	DRAFTED BY: Chong
N.T.S. 93N/1	PROJ: 10148	REPORT: BPVR 90-5

Drill Hole SD 90-10: was drilled vertically, to a depth of 150.6 m to test a magnetic anomaly with a corresponding low I.P. response (Figure 26). From the bottom of casing at 4.9 m to 76.6 m the hole intersected a moderately magnetic, pervasively propylitically altered, fine-medium grained monzodiorite. There is 1% pyrite and locally trace malachite and trace chalcopryrite.

A fault zone was encountered from 76.6 to 87.0 m within monzodiorite. The zone is slightly to moderately magnetic with 4% pyrite and moderate carbonate-epidote alteration. A weakly magnetic, weak to moderate propylitically altered plagioclase latite porphyry dyke occurs from 87.0-88.1 m. A fault zone was encountered from 88.1 to 91.0 m with monzodiorite and porphyritic latite fragmental as protoliths.

From 91.0 to 111.9 m is a weak to moderate propylitically-altered, multilithic latite tuff with 0.1-1.0% pyrite and trace chalcopryrite locally. From 111.9 to 134.6 m is an augite plagioclase latite porphyry with 50-70% in-situ brecciation, containing 0.7% pyrite and trace chalcopryrite. There is weak to moderate carbonate-epidote and chlorite alteration accentuating the brecciation. From 134.6 to 150.6 m is a multilithic latite tuff unit with 0.3% pyrite and weak propylitic alteration.

A geochemical profile for SD 90-10 is shown in Figure 27. Geochemically, the drill hole provided little of economic significance. Of note is a 4 m interval from 64.0-68.0 m averaging 720 ppb Au within the monzodiorite. A faulted zone of monzodiorite and plagioclase latite porphyry displayed slightly enhanced levels in Cu (up to 756 ppm,

17.

averaging 357 ppm) and Au (up to 66 ppb, averaging 19 ppb) over 20 m, from 76.0-96.0 m.

6. CONCLUSIONS AND RECOMMENDATIONS

Diamond drill testing of anomalous I.P. and magnetic features shows the area to be underlain by a moderately east-dipping series of calcareous and carbonaceous argillites, latitic fragmentals and calcareous latite tuffs. These are cut by minor intrusive dykes and sills of monzodiorite to syenomonzonite composition.

Further testing of isolated soil and magnetic anomalies, not tested in the 1990 drilling program, on Snowshoe North is warranted. Location of the sedimentary/volcanic contact is recommended to further delineate prospective targets.

REFERENCES

- 1) Richards, T.A., 1976. McConnell Creek Map Area (94D, East Half), British Columbia, in Report of Activities, Part A., GSC Paper 76-14, p.43-50.
- 2) Monger, T.W.H., 1977. The Triassic Takla Group in McConnell Creek Map Area, North Central, B.C., GSC Paper 76-29.
- 3) Wong, R.H., 1990. Assessment Report of Physical and Geophysical Program on the SNOWSHOE and TEA Claim Groups (SNOWSHOE 1-4, LARRY; TEA 1-4 Claims), Omineca Mining Division, B.C. (Company Report BPVR 90-1). A.R. #19921.

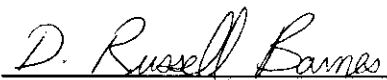
APPENDIX I

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, D. Russell Barnes of #9 - 2425 West 2nd Avenue, in Vancouver, in the Province of British Columbia, do hereby state:

1. That I am a graduate of the University of British Columbia, Vancouver, B.C., where I obtained a B.Sc., in Geology in 1988.
2. That I have been active in mineral exploration since 1986.
3. That I am an Associate of the Geological Association of Canada.


D. Russell Barnes
Geologist

December, 1990
Vancouver, B.C.

STATEMENT OF QUALIFICATIONS

I, C. Tucker Barrie of #700 - 890 West Pender Street, Vancouver in the province of British Columbia, do hereby state:

- 1) That I have a Doctor of Philosophy in Economic Geology from the University of Toronto, Ontario, where I graduated in 1990;
- 2) That I have been active in mineral exploration since 1980.

C. Tucker Barrie

C. TUCKER BARRIE

January, 1991
Vancouver, B.C.

APPENDIX II

STATEMENT OF COSTS

STATEMENT OF COSTS

1. Drill Road and Site Preparation:

127.5 hrs. D-7 CAT @ \$90/hr. \$ 11,475.00

2. Diamond Drilling:

4683 ft. @ \$17.46, inclusive of mob/demob,
acid test, moving between sites \$ 81,765.18

3. Geochemical Analysis:

634 core samples for 30 element ICP plus
geochemical Au @ \$11.50 per sample (including
sample preparation and freight) \$ 7,291.00

4. Accommodation for BP Personnel

49 man-days @ \$75/day \$ 3,675.00

5. BP Labour:

D.R. Barnes (geologist) - 50 days @ \$160/day - \$ 8,000.00
C.T. Barrie (geologist) - 5 days @ \$220/day - 1,100.00
R.H. Wong (geologist) - 2 days @ \$240/day - 480.00
J. Burke (core splitter) - 27 days @ \$100/day - 2,700.00

\$ 12,280.00

6. Transportation:

4 wheel-drive truck 1 mo. @ \$1,500.00 - \$1,500.00
(including fuel and maintenance)
3 hours 206B helicopter @ \$625/hr. - 1,875.00

\$ 3,375.00

7. Supplies and Materials

(Plastic bags, etc). \$ 200.00

TOTAL EXPENDITURES: \$120,061.18

APPENDIX III

DIAMOND DRILL HOLE LOGS:

SD 90-01 to SD 90-10

SYNOPTIC

DDH SD 90-1

UTM Northing:	6110700 m N	Elev.:	1048.5m
UTM Easting:	428900 m E	Depth:	124.1m
GRID North:	109+00 N	Azimuth:	----
GRID East:	73+00 E	Dip:	-90°

Metres (m)

0.0 - 15.8	CASING
15.8 - 16.0	PLAGIOCLASE PORPHYRITIC MONZONITE weak epidote altn; 1% PY
16.0 - 20.1	Altered MONZODIORITE + fragments ARGILLITE (3-5%) strong carb-sericite altn; <1-1% PY
20.1 - 23.2	CALCAREOUS & CARBONACEOUS ARGILLITE AND CALCAREOUS FELDSPAR CRYSTAL ASH TUFF strong carb. altn; 1-2% PY
23.2 - 27.0	Altered PLAGIOCLASE PORPHYRITIC QUARTZ DIORITE/DACITE mod-strong carb-sericite altn; tr PY
27.0 - 40.7	CALCAREOUS & CARBONACEOUS ARGILLITE AND CALCAREOUS FELDSPAR CRYSTAL ASH LATITE TUFF strong carb. altn; 1-2% PY
40.7 - 48.3	SHEAR/FAULT ZONE: Intensely altered Argillite + Feldspar Crystal Ash Tuff + minor Hornblende-Plagioclase Porphyry; strong carb-sericite altn; <1% PY
48.3 - 62.6	CALCAREOUS FELDSPAR CRYSTAL ASH to LAPILLI LATITE TUFF strong carb-sericite & weak epidote altn; tr PY
62.6 - 66.6	SHEAR/FAULT ZONE + minor Sericite-Carb. Healed Tectonic Brxx Intensely altered Argillite, Lapilli Tuff & Plagioclase Porphyry; strong carb-sericite altn; tr PY
66.6 - 67.5	ARGILLITE & CALCAREOUS CRYSTAL ASH TUFF (volcaniclastic siltstone); mod. carb. altn; 1% PY
67.5 - 83.0	SHEAR/FAULT ZONE Sheared Graphitic Argillite and sericite/carbonate altered Plagioclase Porphyry; clay-gouge & strong carb. altn
83.0 - 87.1	HORNBLende-PLAGIOCLASE PORPHYRITIC SYENOMONZONITE mod. carb-sericite-silicic altn
87.1 - 93.6	ARGILLITE AND FELDSPAR CRYSTAL ASH TO LAPILLI LATITE TUFF mod. carb. altn; <1-1% PY

DDH 5D 90-1 cont

- 93.6 - 99.6 CALCAREOUS FELDSPAR CRYSTAL ASH & LITHIC LAPILLI LATITE TUFF
 local thin argillite interbeds;
 mod-strong sericite-carb. altn; <1-1% PY
- 99.6 - 108.9 ARGILLITE & CALCAREOUS FELDSPAR CRYSTAL ASH LATITE TUFF
 mod-strong sericite carb. altn; tr-1% PY
- 108.9 - 118.8 FAULT/SHEAR ZONE
 Intensely Altered Syenomonzonite, some may be Feldspathic
 Tuff, especially where strongly calcareous; locally
 carb. healed breccia; strong carb. & sericite altn; tr PY
- 118.8 - 120.3 PLAGIOCLASE PORPHYRITIC MONZONITE
 mod. carb-sericite altn; tr PY
- 120.3 - 124.1 SHEAR/FAULT ZONE
 Intensely altered Latite to Trachyte Tuff/Breccia
 1 minor Argillite; gouge-clay & strong sericite-
 carb. altn; tr PY
- 124.1 E.O.H.



DRILLING CO.

LOCATION SKETCH

DEPTH

TESTS
DIP ANGLE

AZIMUTH

DATE STARTED: 07/09/90

PROJECT: SNOWSHOE

COLLAR

-90°

—

DATE COMPLETED: 09/09/90

N.T.S.: 93 N/1

QUEST

COLLAR ELEV.: 1048.5m (3440')

LOCATION: Grid Coords:

NORTHING: 6110700 N

109+00 N

EASTING: 428900 E

73+00 E

AZIMUTH: —

DEPTH: 124.1m (407')

DATE LOGGED: SEPT. 10th, 1990

HOLE TYPE DDH

CORE SIZE: NR

LOGGED BY: DRB

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Film	STRUCTURE (fractures, faults, folding, bedding, etc.)	REMARKS Mineralization, type, age relations
FROM	TO						
0	15.8	CASING					* Reamed & Cased from 15.8 - 30.5 m.
15.8	16.0	PLAG. PORPH. MONZONITE ~ 50% fine-medium grained Plg. phenocrysts (tabular & lath shape); ~ 5% Alatics (Biotite + Hornblende?) (~ 20% phenos > 1mm) Grey-Black groundmass (GS = ?)	EP/D/3	PY/D/1% Generally: Non Magnetic		LCT/?/? Broken Contyrt; Black Color No Carb. Mtt.; No Oxidation.	
(@ 16.0)		Ksp. + minor Epid. Mtt. (1/11M) Moderately Magnetic	EP-K-HM/P/4				

HOLE NO. SD 90-1

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Fines	STRUCTURE	Mineralization, type, age, relations
FROM	TO					(Fractures, faults, folding, bedding, etc.)	
16.0	20.1	Altered MONZODIORITE + fragments Argillite (~3-5% towards lower contact); + 40-50% Sarsenitized Flag. phases (fine-medium gr.) Grey green groundmass (GS=5) + 15% Strongly Altered Matrics (Altered Hornblende + Biotite) Groundmass strong Carb. Alteration.	CB-SE/P/8 CB/FF/4	PY/D/4-1% N/A Magnetic		LCT/?/? Broken Core Blocky Core	
20.1	23.2	Calcareous and CARBONACEOUS ARGILLITE + CALCAREOUS Altered Feldspar Crystal Ash Till + minor Graphitic Argillite argillite: grey to black, well-laminated	CB/P-FF/7-8	PY/BD-DB/1-2%		LCT/?/? Lower Contact Broken Core Blocky, Rubbly & Gravel, Chy size (faulted/sheared) BD/55°-70°/2 minor disrupted bedding PY concentrated in (lighter colored) tuffaceous (siltstone) laminae	
(22.8)	23.2	Black Graphitic Gouge/Clay. Calcareous; slicks sheared				SHR/?/3	
23.2	27.0	Altered Flag-Forph. QUARTZ DIOCTH/ DIOCTH: light grey-green clastic-3 + 30-50% Flag phases (med-coarse grained, 1-7mm);	CB-SE/P/7 CB/FF/4	PY/D/Tr. N/A Magnetic		UCT - Blocky & Rubbly Broken Core (faulted/sheared)	



PAGE 3 OF 10

DRILL HOLE NO. SD 90-1

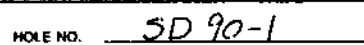
HOLE NO. SD 90-1

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Firm	STRUCTURE	Mineralization, type, age, relations
FROM	TO					(Fractures, faults, folding, bedding, etc.)	
40.7	48.3	SHEAR/FAULT ZONE: Intensely Altered Argillite + feldspar Crystal Ash Tuff + Plag (minor Hornblende) Porphy. w/ saussuritized plagiophenes.	CB-SE/P/8	PY/D/<1%		Contacts Broken Core Rubbly, minor gouge + breccia	
(40.7	43.0)	Strongly Altered Argillite + Bedded Feldspar Crystal Tuff Brecciated locally, Carbonate Healed; Minor gouge.	CB/P-FF/8				
(43.0	46.7)	Altered Hornblende-Plag. Porphy. Quartz DIOXIDE/DACITE ~60% Alt. fine-med. gr. Plag phenos ~15% Platics (Hornblende + Biotite) Strongly Sericite/Carbonate altered				LCT/50°/3, extremely sharp, no hornblends or stain developed.	
(46.7	47.2)	Altered Argillite (+ Graphite) + Feldspar crystal Ash Tuff Sheared → Graphitic + Carbonate (locally)				BD/60°/2	
(47.2	48.3)	Intensely Altered: Sheared with Carb. Recrystallized.	CL-CB/P-FF/8				



HOLE NO. SD 90-1

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Firm	STRUCTURE	Mineralization, type, age, relations
FROM	TO					(Fractures, faults, folding, bedding, etc.)	
48.3	62.6	Calcareous FELDSPAR CRISTAL Ash to LACINEL LATTICE TUFF light grey groundmass (GS-3-4) Strongly Carbonate-Sericitic PK ~ 3-5% Alfs (Biotite)	CB-SE/P/8 CB/FF/4 EP/D/1	PY/D/Tg		Blocky, Rubbly Broken Core	
(50.4)	52.7	Lithic Lapilli Tuff (0.2-1.2 cm frags, subangular to subangular) Tuffaceous/Siltstone Frags + Alt Intensive Frags?					
	(@ 52.7)					BD/45°/2 + west epid. alt.	
(52.7)	55.1	Lapilli Tuff (0.2-5.0 cm Subangular to Subangular frags) ~ 60-70% frags in a primary carbonate matrix					
(55.1)	55.7	Plg PORPH (~ 30-50% fine-med gr. Plg pheres)				clast or dyke?, difficult to tell, but does not look like interbedded volcanic flow.	
(55.7)	57.5	Heterolithic Breccia (up to 20 cm Subangular) Augite PORPH., Biot./Plg PORPH.	SE-CB/P/8-9			- this is a coarse section of tuff/breccia within the sed./tuff package.	



PAGE 6 OF 10

DRILL HOLE NO. SD 90-1

HOLE NO. SD 90-1

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Firm	STRUCTURE	Mineralization, type, age, relations
FROM	TO					(Fractures, faults, folding, bedding, etc.)	
66.6	67.5	ARGILLITE + SILTSTONE (Volcaniclastic) / Tuff well-laminated; Calcareous, Med. grey to grey-black (GS=4-7)	CB/FF/6	PY/D/1%		PY dissem. & dissem. along bedding (laminae) Contacts broken up; Blocky, Rubbly broken core BD / 55°-65°/3 (mm to cm scale)	
67.5	83.0	FAULT/SHEAR ZONE: light grey-green (GS=3) to dark grey-black (GS=8-9) altered Argillite; Chy. gouge, locally graphitic	CB/P/8-9	PY/D/TF		Rubbly, Gravel & Gouge/Clay	
(67.5	72.4)	Carb. Alt. Argillite & Sheared Graphitic Argillite + minor Siltstone/tuff interbeds. Dark grey-black color (GS=7-9)	CB/FF-P/8-9				
(72.4	74.0)	Sericite-Carb. Alt. Plag. PORPH. Sussertized Plag. Xenos Light green-grey color (GS=3)					
(74.0	78.3)	GOUGE Shear/Fault ZONE: dark grey-black predom + minor light green-grey gouge	CB/P/8-9				

HOLE NO. SD 90-1

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Film	STRUCTURE	
FROM	TO					(Fractures, faults, folding, bedding, etc.)	Mineralization, type, age, relations
(78.3	79.1)	Sericite - Carbonate Altered Plag. PORPH. (~30% Plag. phens, med. gr.) + Quartz eyes (~5%) in an aphanitic / lgt green-grey groundmass	SE-CB/P/7			Rubby, Gravel size	
(79.1	80.5)	Argillite well-laminated (bedded)		PY/D-DB/1-1%		Rubby, minor blocky	
	(279.8)					BD/60/2	
(80.5	83.0)	Gouge + Graphite nodules black altered/sclered graphitic Argillite					
83.0	87.1	Hornblende - Plagioclase PORPH SYENOMONZONITE: ~30% Medium - Coarse gr Plag Phens ~5-15% Altered Nodules - Hornblende nodules + ~5% Quartz Eyes	CB-SE-SI/P/5			Blocky & Rubby; Contacts Broken	
87.1	93.6	ARGILLITE + FELDSPAR CRYSTALS ASH to LAPILLI LATITE TUFF + SILTSTONE? (Volcaniclastic) Medium grey to grey-black (GS=4-9)	CB/FF/4	PY/D/1-1%		Blocky, Rubby to Gravel; Broken Cox	



HOLE NO. SD 90-1

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Firm	STRUCTURE	Mineralization, type, age, relations
FROM	TO					(Fractures, faults, folding, bedding, etc.)	
	(@ 88.7)					BD/65°/1-2	
	(@ 92.7)					BD/60°/3	
93.6	99.6	FELDSPAR CRYSTAL ASH + LITHIC LAPILLI LATITE TUFF in primary carbonate matrix light-medium green-grey (GS=4) local thin argillite interbeds Siltstone/Tuff + Altered Intrusive Frags. (mm to 2cm subangular to subrounded)	SE-CB/P-FF/7	PY/D/-1-1%		Blocky, Rubbly Broken Core some replacement of clasts by fine gr. Pyrite	
	(@ 97.3)					BD/55°/2	
99.6	108.9	ARGILLITE + FELDSPAR CRYSTAL ASH LATITE TUFF strong Calcareous Groundmass siltstone (volcaniclastic) Medium grey to grey-black color (GS=4-8)	SE-CB/P/7	PY/D/Ti.-1%		Blocky, Rubbly Broken Core Contacts Broken Up.	
	(@ 100.6)					BD/55°/3	



HOLE NO. SD 90-1

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Folm	STRUCTURE	
FROM	TO					(Fractures, faults, folding, bedding, etc.)	Mineralization, type, age, relations
	(2106.2)					BD/55°/3	
	(2107.4)					BD/60°/3	Finely laminated
108.9	118.8	FAULT/SHEAR ZONE: Intensely Altered SYENITIC some may be Feldspathic Tuff, especially where strongly calcareous light to medium grey to grey-green color (GS=3) Locally carbonate breccia; ~40-70% Plag. Phons (Variable) ~5% Altered Platics (Hornblende + Biotite?)	CB-SE/P/8	PY/D/Tr.		Blocky, Rubbly, Gravel + Gouge	
118.8	120.3	PLAG. FOPPH. MONZONITE light-medium grey-green (GS=4) 50-60% Plag. phons (fine-medium gr.), variably saussuritized.	CB-SE/P/6	PY/D/Tr.			
120.3	124.1	FAULT/SHEAR ZONE ECH Intensely Altered Latite to Trachyte Tuff/Breccia + minor Argillite: light green-grey (GS=3)	SE-CB/P/9	PY/D/Tr.		Blocky to Gouge/Clay	



SNOWSHOE SD-90-01

DRILL LOG

sample data

SAMPLE					CORE RECOVERY		VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS					
NUMBER	FROM	TO	TOTAL METRES	MS.	%	AMT LOST							
74001	15.8	20	4.2	.1	24	3.2							
002	20	22	2.0	0	75	0.5							
003	22	24	2.0	0	45	1.1							
004	24	26	2.0	.1	45	1.1							
005	26	29	3.0	0	30	2.1							
006	30.5	32	1.5	.1	60	0.6							
007	32	34	2.0	0	65	0.7							
008	34	36	2.0	0	90	0.2							
009	36	38	2.0	0	80	0.4							
010	38	40	2.0	0	100	0							
011	40	42	2.0	0	95	0.1							
012	42	44	2.0	0	95	0.1							
013	44	46	2.0	0	80	0.4							
014	46	48	2.0	0	95	0.1							
015	48	50	2.0	0	85	0.3							
016	50	52	2.0	0	100	0							
017	52	54	2.0	0	85	0.3							
018	54	56	2.0	0	95	0.1							
019	56	58	2.0	.1	90	0.2							
020	58	60	2.0	.1	100	0							
021	60	62	2.0	0	100	0							
022	62	64	2.0	0	75	0.5							
023	64	66	2.0	0	70	0.6							
024	66	68	2.0	0	95	0.1							
025	68	70	2.0	0	75	0.5							
026	70	72	2.0	0	65	0.7							



* NOTE: THERE WAS NO CORE FROM 29.0 - 30.5 m
IT WAS REELED OUT AND CASING PUSHED TO 30.5 m



SD 90-01

DRILL LOG

sample data

SAMPLE					CORE RECOVERY		VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS					
NUMBER	FROM	TO	TOTAL METRES	MS.	%	AMT LOST							
74027	72	74	2.0	0	60	0.8							
028	74	76	2.0	0	90	0.2							
029	76	78	2.0	0	50	1.0							
030	78	80	2.0	0	65	0.7							
031	80	82	2.0	0	75	0.5							
032	82	84	2.0	0	95	0.1							
033	84	86	2.0	0	75	0.5							
034	86	88	2.0	0	65	0.7							
035	88	90	2.0	0	45	1.1							
036	90	92	2.0	.1	50	1.0							
037	92	94	2.0	0	75	0.5							
038	94	96	2.0	0	75	0.5							
039	96	98	2.0	0	80	0.4							
040	98	100	2.0	0	80	0.4							
041	100	102	2.0	.1	95	0.1							
042	102	104	2.0	0	85	0.3							
043	104	106	2.0	.1	100	0							
044	106	108	2.0	0	85	0.3							
045	108	110	2.0	0	85	0.3							
046	110	112	2.0	0	85	0.3							
047	112	114	2.0	0	85	0.3							
048	114	116	2.0	0	95	0.1							
049	116	118	2.0	.1	95	0.1							
050	118	120	2.0	0	100	0							
051	120	122	2.0	0	90	0.2							
052	122	124.1	2.1	0	90	0.2	EGH.						

SYNOPTIC

DDH SD 90-2

UTM Northing:	6110700 m N	Elev.:	1048.5m
UTM Easting:	428700 m E	Depth:	125.9m
GRID North:	109+00 N	Azimuth:	----
GRID East:	71+00 E	Dip:	-90°

Metres (m)

0.0 - 45.7	CASING
45.7 - 48.8	Intensely Altered PLAGIOCLASE PORPHYRY MONZODIORITE(?) Tectonic Brxx; strong chlorite-carb-sericite altn; tr PY
48.8 - 53.2	Altered Sheared ARGILLITE & minor FELDSPAR CRYSTAL ASH TUFF Gouge-Clay, carb healed brxx; mod-strong carb altn; tr PY
53.2 - 55.7	Strongly Altered HORNBLENDE(?) - PLAGIOCLASE PORPHYRY DIORITE (MONZODIORITE?) strong carbonate-sericite altn; tr PY
55.7 - 61.5	SHEAR/FAULT ZONE: Argillite + Calcareous Feldspar Crystal Ash Tuff Interbeds; carb healed tectonic breccia; clay-gouge & mod-strong carb. altn; tr PY
61.5 - 71.0	CALCAREOUS MULTILITHIC LAPILLI TUFF to TUFF-BRECCIA mod. sericite-carbonate-chlorite altn; 5% PY
71.0 - 77.2	CALCAREOUS FELDSPAR CRYSTAL ASH TUFF + minor LAPILLI TUFF mod. carb-sericite & weak epidote-chlorite altn; tr PY
77.2 - 84.6	ARGILLITE & CALCAREOUS FELDSPAR CRYSTAL ASH TUFF mod. carbonate altn; <1-2% PY
84.6 - 91.9	CROWDED PLAGIOCLASE PORPHYRITIC MONZONITE mod. sericite-carbonate-chlorite altn; 1-2% PY
91.9 - 99.6	CALCAREOUS FELDSPAR CRYSTAL TUFF + LITHIC LAPILLI TUFF & INTERBEDDED ARGILLITE (20%) weak carbonate altn; 1% PY
99.6 - 107.0	FRAGMENTAL: CALCAREOUS MULTILITHIC LAPILLI TUFF to TUFF-BRECCIA strong sericite-carb. altn; 1% PY
107.0 - 109.5	PLAGIOCLASE PORPHYRY MONZODIORITE(?) weak carbonate altn; tr PY
109.5 - 125.9	SHEAR/FAULT ZONE Intensely altered Calcareous Lithic Lapilli Tuff and minor plag porph monzodiorite (5%); mod-strong sericite-carb altn
125.9	E.O.H.

HOLE NO. SD 90-2

DRILLING CO. QUEST	LOCATION SKETCH - N -	DEPTH	TESTS DIP ANGLE	AZIMUTH	DATE STARTED: <u>09/09/90</u>	PROJECT: <u>SNOWSHOE</u>
		COLLAR	<u>-90°</u>	<u>—</u>	DATE COMPLETED: <u>10/09/90</u>	N.T.S.: <u>93 N/1</u>
					COLLAR ELEV.: <u>1048.5 m (3440')</u>	LOCATION: <u>Grid Coords:</u>
					NORTHING: <u>6110700 N</u>	<u>109+00 N</u>
					EASTING: <u>428700 E</u>	<u>71+00 E</u>
					AZIMUTH: <u>—</u>	
HOLE TYPE <u>DDH</u>					DEPTH: <u>125.9 m (413')</u>	DATE LOGGED: <u>SEPT. 12th, 1990</u>
					CORE SIZE: <u>N/A</u>	LOGGED BY: <u>DRB</u>

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Firm	STRUCTURE (fractures, faults, folding, bedding, etc.)	REMARKS Mineralization, type, age relations
FROM	TO						
0	45.7	CASING					
45.7	48.8	PLAG PORPH. MONZODIORITE Intensely Altered, Tectonic Breccia (Feldspar Crystal Tuff?) Pale green to medium green-grey (GS = 2-4)	CH-GB-SE/P-FF/R-7	PY/D/Tr.		Blocky, Altered; Tectonic Breccia LCT/60°/2	
48.8	53.2	Altered Strained ARGILLITE Faint Linear Zone: Gouge/ Clay, Brecciated; Carb. Veined Dark grey-black color (GS = 8-9) Minor Volcanic Siltstone/Tuff	CB/P-FF/7	PY/D/Tr.		LCT/Broken Core/70° appears conformable to bedding. (also, fractures parallel bedding)	



HOLE NO. SD 90-2

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Fish	STRUCTURE (Fractures, faults, folding, bedding, etc.)	Mineralization, type, age, relations
FROM	TO						
(49.4)	50.0	Feldspar Crystal Tuff Interbed					
	(@ 51.4)					BD/55°/3	PY, dissem. along bedding fractures parallel bedding
	(@ 52.8)					BD-DB/60°/2	FY dissem along bedding
53.2	55.7	Strongly Altered HORNBLANDITE (?) PLAG. PORPH. DIORITE (HORNBLANDITE) (or Latite?) ~ 40-50% Plug. Phos. (fine- medium grained, strongly silicified) ~ 7-10% Altered Phos. (Hornblende?; fine gr. matrix; + Alt. Biotite?) Pale-light green-yellow-grey color (GS = 2-5)	CB-SG/P/8-9	PY/D/Tr.		Blocky, Rubby and Gange/Clay ACT/?/? Broken Core	
55.7	61.5	SHEAR/FAULT ZONE: Tectonic Breccia; Altered ARGILLITE (laminated) + CALCAREOUS FELDSPAR CRYSTAL TUFF Interbeds: Clay/Gouge, Calc. Alt. (Calcareous); Dark grey black (GS = 8-9) to light grey-green (GS = 2-5)	CB/P-FF/7-8	PY/D/Tr.		Blocky, Rubby & Gouge	

HOLE NO. SD 90-2

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Firm	STRUCTURE	
FROM	TO					(Fractures, faults, folding, bedding, etc.)	Mineralization, type, age, relations
(55.7	56.1)	Sheared Argillite (Grossia, grey)					
(56.1	56.8)	Carbonate Hatched Tectonic Breccia + minor Clay/Gouge Light green-grey Subangular Frags. (0.2-3.0 cm) Intensely Altered fine gr. Plag. Perph.				LCT/50°/1-2 Shear contact between Carbonate Hatched Breccia of Alt. Plag. Perph. ≠ Altered Brecciated Argillite.	
(56.8	61.5)	Carbonate Hatched Breccia, SHEARED/FAULTED ARGILLITE + Calcareous Felspar Crystal Tuff Interbeds (laminated) (cm to 2-3 cm interbeds)		PY/D/1-2%		Rubby, gravel (+ minor blocky) + gouge. Subangular to Subrounded Frags (up to 4 cm) Argillite Frags with PY dissemin along bedding	
61.5	71.0	LITHIC LAPILLI TUFF to TUFF-BRECCIA (ALCALINEOUS): fine (calcareous) matrix light green, green-grey (GS=3) (<0.5 cm to >15.0 cm, Subangular to subrounded frags.); Variable - light green-grey Aphanitic to - fine gr. alt. blocky type Pl. - fine to med. gr. altered Argill. - Minor Volcaniclastic Siltstone	CB/FF/5 SE-CB-CH/P/5-7 Fragment alteration Fragment Types: fine gr. Plag. Perph. Perph. Perph. (latite?) amph. Ash Tuff(?)	PY/D/5		Contacts: LCT/3°/2 vague gradational contact into tuff unit	

HOLE NO. SD 90-2

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Fm	STRUCTURE	
FROM	TO					(Fractures, faults, folding, bedding, etc.)	Mineralization, type, age, relations
71.0	77.2	CALCAREOUS FELDSPAR CRYSTAL ASH TUFF (micr LAPILLI TUFF) ≈ 25-45% Carbonate Matrix (variable) Generally massive; light grey, gray-green (GS = 3-4) * 5-7% Altered Matrix (Alt. Dist?)	CB/FF/4 CB-SE/P/6 EP-GH/D/2	PY/D/Tc		ACT/50°/2	(contact tuff to argillite)
(73.7)	75.0	Tectonic Brecciated Calcareous Feldspar Crystal Tuff (@ 73.7) Gauge + 4cm Subrounded Angite.	EPGH Fmg, Altered	PY/D/2-3%			
77.2	84.6	ARGILLITE + CALCAREOUS FELDSPAR CRYSTAL TUFF & Volcanic Siltstone/Sandstone: light to medium grey (GS = 3-4) & dark grey-black (GS = 8-9) Argillite: well laminated/textured; mm-cm scale (5-30cm feldspar c	CB/FF/4	PY/D/1-2%		Blocky, Rubbly Broken Core Fault/Shear Bedding parallel fracturing/shearing PY dissem & dissem. along bedding (limonite)	Localized (Tectonic?) Fracturation, subangular to angular frags. in dark grey-black aphanitic matrix (Possible salt sediment deformation, slump breccia?)
	(@ 77.6)					BD/40°/2	
	(@ 78.6)					BD/40°/2	

HOLE NO. SD 90-2

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Folm	STRUCTURE	
FROM	TO					(Fractures, faults, folding, bedding, etc.)	Mineralization, type, age, relations
	(279.7)					BD/45°/3	
(83.0)	83.2)	Gouge; Black, sheared					
(83.7)	84.6)	Calcareous Feldspar Crystal Tuff					
84.6	91.9	CROWDED PLAG. PORPH. MONZONITE Light-medium grey-green (GS=4) ~ 55-75% Plag. Phenocr. (fine - medium gr (~25% Plag. gr, 2-8 mm), lath and tabular shape). ~ 5% Chlorite fill, fine gr. Matrix Plag Phenocr. - weakly saussuritized (non to ph. ratio)	SE-CB/P/5-6 CH/D/4	PY/D/1% PY/FF/1%		LCT/?/? Fault, Gouge	
(84.6)	85.3)	Blocky, Rubby, Gravel size broken core; SUGAR/FINE ALKALINE					
(85.4)	90.5)	Weak to Moderate Trachytic Texture, Feldspar aligned ~ @ 60° to C.A.					
(91.1)	91.9)	Blocky, Gouge/Clay, Carb. fill	Fault/SUGAR FINE - 2x			intensely altered Monzonite.	



HOLE NO.

SD 90-2

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Fms	STRUCTURE	
FROM	TO					(Fractures, faults, folding, bedding, etc.)	Mineralization, type, age, relations
91.9	99.6	CALCAREOUS FELDSPAR CRYSTAL TUFF + LITHIC LAPILLI TUFF + INTERBEDDED ARGILLITE (~20% argillite: dark grey black, GS=3-4) Light-medium grey coarsened tuff (GS=4)	CB/FF/2	PY/D/1%		LCT/55°/3 Shear with gouge Blocky, Rubbly, gravel FAULT/SHEAR ZONE → Argillite accommodates shear by brecciating Gouge/Clay PY dissem. & dissem. along bedding	
(91.9)	92.9	Gouge, Clay; Black-grey calc	sheared argillite				
	(94.4)					BD/70°/2	
	(94.7)					BD/75°/2	
	(95.2)					BD/80°/2	
(98.8)	99.6	Gouge/Clay, Breccia: FAULT/SHEAR ZONE					
99.6	107.0	FRAGMENTAL: CALCAREOUS LITHIC LAPILLI TUFF to TUFF BRECCIA Light-medium grey Fragments in calcareous matrix, (Subangular to sub-circular frags <0.5-12.0 cm), poorly sorted Variable fragment types: (i) Aplastic, light green, Sericite/Carb. Alt., Lignite(?) (ii) Altered Plag. Porph. (Saus. crystallized plg phenocr.) (iii) Altered Augite Plag. Porph. (iv) Volcaniclastic Siltstones, (Ash TuFF)	SE-CB/P/7-8	PY/D/1%		LCT/?/? Fault/Sheared, gouge PY dissem. in calcareous matrix, as well as fragments	

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OF

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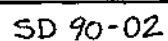
DRILL HOLE NO.

SD 90-2

HOLE NO. SD 90-2

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Firm	STRUCTURE (Fractures, faults, folding, bedding, etc.)	Mineralization, type, age, relations
FROM	TO						
107.0	109.5	Plag. PORPH. MONZODIORITE (?) Light-medium green (GS=4) ~45-55% fine-medium gr. Plag. feldspar, (lath, tabular shape) of which ~10% ~5-8% Chlorite Mt. Matrics (Altered Hornblende? + Biotite?)	CB/FF-P/3	PY/D/Te		LCT/?/? Broken Core. Blocky, Rully, Gravel size	
109.5	125.9	FAULT/SHEAR ZONE: Intensely Altered, Bleached Light-medium yellow-grey to green-grey (GS=2-4) Altered Calcareous Feldspar Cryst. encr. Plag. PORPH. MONZODIORITE (?)	SE-CB/FF-P/6-8				
(109.5	110.3)	Clay/Gouge; Sericite/Carbonate	ite/Chlorite Shear Zone			SHR/45°-55°/3	
(113.8	114.0)	Plag. PORPH. MONZODIORITE (?)	as described	(107.0-109.5)			
(117.3	118.2)	Plag. PORPH. MONZODIORITE (?) Tectonic Breccia, Subangular to Subrounded frags (1-5 cm), healed in a Carbonate/Sericite/Clay/Gouge Matrix	as described	(107.0-109.5)			
(118.2	119.5)	Altered Lithic Lapilli Tuff frags, Volcaniclastic (0.3-5 cm; Angular - Subrounded) Healed in a Carbonate/Sericite/Clay/Gouge Matrix		Siltstone? Carbonate/Sericite/Clay/Gouge Matrix			
125.9	EOH						

SNOWSHOE		SD - 90 - 02		DRILL		LOG		sample data					
S A M P L E					C O R E R E C O V E R Y		V I S U A L E S T I M A T E S (% O R E M I N E R A L S)	A S S A Y R E S U L T S					
N U M B E R	F R O M	T O	T O T A L M E T R E S	M . S .	%	A M T L O S T							
74053	45.7	48	2.3	0	65	0.8							
054	48	50	2.0	0	100	0							
055	50	52	2.0	.1	100	0							
056	52	54	2.0	0	100	0							
057	54	56	2.0	0	90	0.2							
058	56	58	2.0	0	95	0.1							
059	58	60	2.0	0	65	0.7							
060	60	62	2.0	0	70	0.6							
061	62	64	2.0	0	95	0.1							
062	64	66	2.0	.1	100	0							
063	66	68	2.0	0	100	0							
064	68	70	2.0	.1	100	0							
065	70	72	2.0	.1	95	0.1							
066	72	74	2.0	.1	100	0							
067	74	76	2.0	.1	95	0.1							
068	76	78	2.0	.1	100	0							
069	78	80	2.0	0	90	0.2							
070	80	82	2.0	0	90	0.2							
071	82	84	2.0	0	95	0.1							
072	84	86	2.0	0	100	0							
073	86	88	2.0	.1	85	0.3							
074	88	90	2.0	0	100	0							
075	90	92	2.0	0	85	0.3							
076	92	94	2.0	0	80	0.4							
077	94	96	2.0	0	100	0							
078	96	98	2.0	0	80	0.4							



sample data

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DRILL HOLE NO. SD-92-02

SYNOPTIC

DDH SD 90-3

UTM Northing:	6110800 m N	Elev.:	1057.7m
UTM Easting:	428950 m E	Depth:	127.1m
GRID North:	110+00 N	Azimuth:	----
GRID East:	73+50 E	Dip:	-90°

Metres (m)

0.0 - 15.2	CASING
15.2 - 20.0	Altered AUGITE PORPHYRY FRAGMENTAL: LATITE(?) TUFF-BRECCIA strong carb-sericite, mod chlorite & weak epid altn; tr PY
20.0 - 23.3	CALCAREOUS FELDSPAR CRYSTAL LAPILLI TUFF mod-strong carb-sericite altn; 1-2% PY
23.3 - 24.5	SHEAR/FAULT ZONE Intensely alt., Sheared Argillite; black-grey gouge; tr PY
24.5 - 33.5	SHEAR/FAULT ZONE Intensely altered Latite/Dacite? (Monzodiorite ±Quartz eyes) clay-gouge & strong carb-sericite altn; tr PY
33.5 - 36.6	CALCAREOUS FELDSPAR CRYSTAL TUFF AND CALCAREOUS & CARBONACEOUS ARGILLITE (50-60%) mod. carb. altn; <1-2% PY
36.6 - 40.1	SHEAR/FAULT ZONE Strongly altered HORNBLende-PLAGIOCLASE PORPH. MONZODIORITE strong sericite-carb. altn; tr PY
40.1 - 50.0	SHEAR/FAULT ZONE Alt., Sheared Argillite + Calcareous Feldspar Crystal Tuff predom. black-grey gouge; mod. carb. altn; <1-1% PY
50.0 - 54.1	CALCAREOUS FELDSPAR CRYSTAL TUFF + minor Lithic Lapilli Tuff (Argillite & Plagioclase Porphyry Fragments); mod-strong carb-sericite & weak chlorite-epid. altn; tr PY
54.1 - 63.2	SHEAR/FAULT ZONE Strongly alt. Hornblende-Plagioclase Porph. Monzodiorite(?) strong carb-sericite altn; <1-1% PY
63.2 - 68.2	CALCAREOUS FELDSPAR CRYSTAL TUFF mod. carb-sericite & weak epid-chlor altn; 1% PY; tr CPY & tr Moly
68.2 - 76.4	CALCAREOUS MULTILITHIC LAPILLI TUFF AND LITHIC TUFF-BRECCIA strong sericite-carb. & mod chlorite altn; <1-2% PY

DDH SD 90-3 cont

- 76.4 - 83.2 CALCAREOUS FELDSPAR CRYSTAL TUFF +
minor Calcareous Multilithic Lapilli Tuff
mod. carb-sericite-chlorite-epidote altn; 1% PY
- 83.2 - 87.7 SHEAR/FAULT ZONE
Intensely altered Plagioclase Porphyry Monzodiorite(?) (80%)
& locally graphitic, gouge, Argillite (20%);
lt green gouge-clay-sericite-carb alt. matrix; tr-<1% PY
- 87.7 - 90.4 CALCAREOUS FELDSPAR CRYSTAL ASH TUFF +
LITHIC LAPILLI TUFF & ARGILLITE
mod-strong carb-sericite altn; 1% PY
- 90.4 - 101.0 SHEAR/FAULT ZONE: Sheared Argillite +
Interbeds of Calcareous Feldspar Crystal Tuff
strongly alt. plag. porph. monzodiorite
mod. carb. altn; 1% PY
- 101.0 - 106.0 CALCAREOUS MULTILITHIC LAPILLI TUFF + FELDSPAR CRYSTAL TUFF
strong sericite-carb altn; 5% PY
- 106.0 - 111.2 HORNBLENDE-PLAGIOCLASE PORPHYRY MONZODIORITE(?)
strong sericite-carb. & mod. chlorite altn; tr PY
- 111.2 - 117.4 CALCAREOUS MULTILITHIC LAPILLI TUFF + CALCAREOUS FELDSPAR
CRYSTAL TUFF & minor Argillite (5%)
mod-strong carb-sericite altn; 3% PY
- 117.4 - 127.1 SHEAR/FAULT ZONE
Intensely altered Calcareous Feldspar Crystal Ash Tuff
+ Lithic Lapilli Tuff & minor Argillite (<5%)
clay-gouge, mod-strong carb. & mod chlorite altn; tr PY
- 127.1 E.O.H.

HOLE NO. SD 90-3

DRILLING CO.

LOCATION SKETCH

DEPTH
COLLARTESTS
DIP ANGLE
-90°

AZIMUTH

DATE STARTED:

10/09/90

DATE COMPLETED:

12/09/90

COLLAR ELEV:

1057.7

NORTHING:

6110800 N

EASTING:

428950 E

AZIMUTH:

DEPTH:

127.1m (417')

CORE SIZE:

NQ

PROJECT:

SNOWSHOE

N.T.S.:

93 N/1

LOCATION:

Grid Coords:110+00 N73+50 E

DATE LOGGED:

SEPT. 14th, 1990

LOGGED BY:

DRB

QUEST

HOLE TYPE

DPH

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Firm	STRUCTURE	REMARKS
FROM	TO					(fractures, faults, folding, bedding, etc.)	Mineralization, type, age relations
<u>0</u>	<u>15.2</u>	<u>CASING</u>					<u>Hole Pinched: Reamed & Cased from 15.2-36.6m</u>
<u>15.2</u>	<u>20.0</u>	<u>Altered AUGITE PORPH.</u>	<u>CB-SE/P/8</u>	<u>PY/D/Tc.</u>	<u>8-12/m</u>	<u>LCT/?/?</u>	<u>Gradational contact into Lapilli Tuff</u>
		<u>FRAGMENTAL: LATITE (?)</u>	<u>CH/D/5</u>		<u>2-10-15" &</u>		<u>Weak to Moderate Oxidized (Rusty/Danger) Fracture surface</u>
		<u>Tuff-Breccia</u>	<u>EP/D/2</u>		<u>55° to 60° N</u>		<u>Chlorite Alteration of Augite phenos</u>
		<u>Light-medium grey-green</u>					
		<u>groundmass (GS=4) with</u>					
		<u>light grey-green frags (GS=2-3)</u>					
		<u>~15-30% fine gr. plag. phenos</u>	<u>(path shape) in Frags (Swissertize 1)</u>				<u>Subrounded Augite Bipyridy frags (<1 up to 15cm)</u>
		<u>& ~25% coarse gr. Augite</u>	<u>phenos in Frags</u>				
		<u>& 30-40% medium gr. Augite</u>	<u>phenos in groundmass to primary calcite</u>				

HOLE NO. SD 90-3

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Frm	STRUCTURE	Mineralization, type, age, relations
FROM	TO					(Fractures, faults, folding, bedding, etc.)	
20.0	23.3	CALCAREOUS FEALSPAR (CRYST) LAPILLI TUFF (some Volcaniclastic siltstone/sandstone?) light grey-green (GS=2-3) very calcareous groundmass ~3-5% subrounded frags (< 0.5 up to 4.0 cm): plag. porph., fine gr. Augite porph. Latite? (Hk/Am gr. Augite p-nos)	CB-SE/P/7-8 CB/FF/3	PY/D/1-28	6-8/pv ~15" & 55-60" to C.A.	LCT/??/? Broken Core likely oxidized fracture surfaces (Rusty/Orange stain)	
(21.1)	21.6	Pink, Kspar Alteration ?? possible calcareous volcanic sandstone?	K/D/5?				
23.3	24.5	SHEAR/FAULT ZONE Black-grey gouge Intensely altered, Sheared Argillite		PY/D/Tr.		Gouge/Clay; Rubby, gravel size Contacts: Broken, gouge SHR-FLT/??/?	
24.5	33.5	SHEAR/FAULT ZONE light yellow-grey-green (GS=2) Intensely altered Latite/Dicite? (Monaxite +/- Quartz eyes) Clay/Gouge/Carbonate/Sericite; ~40-50% altered plag. phenos ~5-7% Altered matrix (altered fine gr. Hornblende & Biotite); ~1-2% 2-1/2 Eies (2-4mm round)	CB-SE/P/8-9	PY/D/Tr.		Contacts: Broken core Rubby, gravel; Gouge/Clay	



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HOLE NO. SD 90-3

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Folm	STRUCTURE	
FROM	TO					(Fractures, faults, folding, bedding, etc)	Mineralization, type, age, relations
40.1	50.0	SHEAR/ FAULT ZONE: Altered, Sheared Argillite + Calcareous Feldspar Crystals Tuff interbeds (mm to cm scale) predom: black-grey Clay/Gouge.	CB/EF/5	PY/D/<1-1%		LCT/55-60°/2 Gouge/Sheared Gouge/Clay: Rubble, gravel (quartz blocky) → PY dissemin & dissem along bedding → bedding parallel shearing → Calcite cemental from matrix into fractures.	
(40.2)	40.4)					BD-SHR/50°-60°/1-2	
	(46.6)					BD/60°/1	
50.0	54.1	CALCAREOUS FELDSPAR CRYSTAL TUFF + minor LITHIC LAPILLI TUFF (Argillite & Plag. Perph. Frags) light grey-green color (is=3) ~20-40% fine gr. plag. crys ~10-15% fine gr. Matrix (Bottle) Calcareous, Limy, Matrix	CB-SE/P/7 CH/D/3 EP/D/1-2	PY/D/Tf.		LCT/?/? Broken Core	
(53.3)	53.7)	Plag. PORPH MUDROCK (?)	Frags (<1-7cm, subangular)				

HOLE NO. SD 90-3

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Firm	STRUCTURE	Mineralization, type, age, relations
FROM	TO					(Fractures, faults, folding, bedding, etc.)	
54.1	63.2	SHEAR / FAULT ZONE: Strongly altered Hornblende, Plag. Porph. Microcline (?) (or Laite?) light yellow-grey-green (GS=3) ~ 35-55% Plag. Porph. (fine tubular & equant shape); ~ 7-10% Altered Matrix (Chlorite)	CB-SE/P/8-9	PY/D/<1-1%		LCT/?/? Broken Core Blocky, Rubbly, Gravel + minor gouge.	
(63.0)	63.2					(Concentric Cooling Cracks?) hairline fracs, weak shear?	
63.2	68.2	Calcareous Feldspar (Crystalline) light grey-green color (GS=3) ~ 25-45% Switzerized, fine gr. plag. crystals ~ 10% altered Matrix (Chlorite, altered fine gr. Biotite?) Lm, Calcareous, matrix (~40-55%)	CB-SE/P/7 EP-CN/D/2-3	PY/D-FF/1% CPY-Milq/FF/Tr		LCT/?/? Granular into Lapilli Tubf fine gr. Dism. PY	
(63.2)	64.7	SHEAR / FAULT ZONE Rubbly, gravel, Broken Core; ~ 64.7 Gouge (5cm)					
(64.7)		Calcite Shear (5cm wide) with Trace Chalkopyrite & Moly		CPY-Milq/FF/Tr		SMR/70°/3	

HOLE NO. SD 90-3

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Folm	STRUCTURE	
FROM	TO					(Fractures, faults, folding, bedding, etc.)	Mineralization, type, age, relations
(66.6)	67.0	Shear + minor gouge (266.6 m) by Chlorite/Clay gouge; Tu	67.0; 30 cm F Frags. (<0.5-4.0.0) Angular to Subangular	Breccia healed		SHR/30°/3	
68.2	76.4	CALCAREOUS LITHIC LAPILLI TUFF and LITHIC TUFF-BRECCIA lens, calcareous matrix Light-medium green-grey (G504) Variable Frags: range <0.5 to 10 cm. Subangular (more angular) to Subrounded (i) fine-med gr. Plug. Porph (Monazodite?) frags. (ii) Augite Porph. (Monazodite or Lathite?) frags. (iii) fine gr. Plug to Aphantic frags. (Volcanic?) Several Strongly Altered (Im	SE-CB/P/7-8 CH/D/5 ↳ matrix chlorite (weak Epith) altered	PY/D/CI-2% (weak Epith) altered		LCT/?/? Gradational to Feldspar Crystal Tuff PY dissem in groundmass & fragments	
(68.7)	68.9	Calcite veins (0.2-1.5 cm);	Shear + minor gouge.			SHR/65°/2	
(673.4)		Calcite Veinlet (Frac. fill) open space (Sparry Calcite) @ 15° to C.A.					
76.4	83.2	CALCAREOUS FELDSPAR CRYSTAL TUFF + minor calcareous lithic lapilli tuff: light grey-green colour (G503-4) Altered Lapilli frags: (<0.5-3.0 cm) Subangular - Subrounded, Plug & Plug: Augite (?) Porph and fine gr. Volcanic (?) frags	CB-SE/P/7 CH-CB/FF/5 CH-EP/D/3-4	PY/D-FF/1% 10-115/m ± 60° p.d. ± 10° to 40° to C.A.		LCT/45°/3 shear/fault contact	



HOLE NO. SD 90-3

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Firm	STRUCTURE	Mineralization, type, age, relations
FROM	TO					(Fractures, faults, folding, bedding, etc.)	
83.2	87.7	SHEAR / FAULT ZONE: Intensely altered Plag. Porph. Monazite (?) 80% & gouge. Argillite (locally graphitic) 20% Gouge/Clay Carbonate/Sericite Altered Plag. porph. frags. Subangular light green gouge/clay/sericite/carbonate matrix	SE-CB/P/8-9	PY/D/Ti. to <1%		LCT/?/? Broken Core predom. gouge/clay + P. lls./Gravel	
(83.3)	83.6	Brecciated Plag. porph. Monazite (?) + Argillite frags in a dark black-grey calcareous matrix. Angular (0.2-7.0 cm) Angular (0.2-2.5 cm)					
(84.0)	84.2	Sheared, Altered Argillite; Black-grey gouge				SHR/50°/1	
(84.8)	85.5	Sheared, Altered Argillite; locally graphitic (carbonaceous), black-grey gouge					
(87.2)	87.5	Sheared, Altered Argillite; Black-grey gouge					
87.7	90.4	Calcareous Coarse & Fine Grained Epilite Crystal Tuff + Lignite Lignite Tuff + ARGILLITE (laminated) up to 2-3 cm scale Argillite: lithic. Lignite Tuff: 0.5-2.5 cm frags	CB/FF/3 CB-SE/P/7	PY/D/1%		LCT/?/? Shear/Fault with gouge; Broken Core	
		dark grey-black (GS=8-9) subangular argillite; Tuff color light grey to grey-green (GS=3-4)					



HOLE NO. SD 90-3

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Folm	STRUCTURE	Mineralization, type, age, relations
FROM	TO					(Fractures, faults, folding, bedding, etc.)	
(87.7	89.0)	predom. calcareous feldspar crystal tuff & Lithic Lipid tuff (+ Argillite Frag.) $\frac{1}{2}$ minor Argillite Lamination? (N5%)					
	(@88.0)					SD/60°/2	
	(@88.7)					ED/70°/3	
(89.0	90.4)	Argillite; laminated + minor graphitic argillite & Feldspar Crystal Tuff (~10-15%) interbeds (mm to 2-3 cm scale), Calcareous.				Bedding parallel shearing, accommodated by argillaceous, graphitic (carbonaceous) laminae. minor gouge (black) developed.	
(89.1	89.6)					BD (SHR) / 75°/3	
90.4	101.0	SHEAR / FAULT ZONE: Sheared Argillite + interbeds Calcareous feldspar Crystal Tuff (mm-cm scale, bedding) Argillite: gouge, graphitic, carbonaceous; dark grey-black (65-8-9 minor (~10%) Strongly Altered fine-medium gr. saussureitic; sil. plag. phenocr. -> light yellow-grey (65-3)	CB/P-FF/5	PY/D-FF/1%		Gouge/Clay; Rubble/gravel PY dissem. & dissem. along bedding; locally in feldspar crystal tuff (cm interbeds), up to 7% down PY	



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DRILL HOLE NO. SD 90-3

HOLE NO. SD 90-3

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Film	STRUCTURE	
FROM	TO					(Fractures, faults, folding, bedding, etc.)	Mineralization, type, age, relations
101.0	106.0	Calcareous Lithic Lapilli Tuff + Fe-SPAR. CRYSTAL TUFF light green-grey color (as=3-4) ~15-20% carbonate matrix Lapilli frags: (<0.5-2.0cm, Subangular to subrounded): Py. porph. frags. (Intensive or Aphanitic Volcanic.	SE-CB/P/7-9 CB/FF/5	PY/D/5%		LCT/?/? Broken Conc Blocky, Rubbly, Gravel & Gouge. SNEAR/FAULT ZONE.	
(102.2	102.7)	Gouge/Chy Alteral Zone					
106.0	111.2	Hornblende Plag. Form. Monzodiorite(?): Strongly Altered light green-grey color (as=3) ~35-45% Py. phenos, predom. medium gr. (1-1.5 fine gr.) saussuritized (tabular, equant: type); ~5-10% Altered Plagioclase (Altered fine gr. hornblende(?), acicular needles + biotite)	SE-CB/P/7-8 CH/FF/5	PY/D/1%		LCT/?/? Broken Conc SNEAR/FAULT ZONE Blocky, Rubbly (more gouge)	



HOLE NO. SD 90-3

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Film	STRUCTURE (Fractures, faults, folding, bedding, etc.)	Mineralization, type, age, relations
FROM	TO						
111.2	117.4	CALCAREOUS LENTIC LAPILLI TUFF + CALCAREOUS FELDSPAR (MICROLITE) + minor ARGILLITE (~5%), laminae min to 0.5 cm scale light grey-green colour (GS=3) Lapilli frags: Acute frags (0.2-1.5 cm, subangular) Plag. Cryst. (interior, or volcanic?), subrounded (0.5-2.0 cm) Aphanitic - fine-gr. Volcanic frags, subrounded (up to 4.0 cm)	CB-SE/P/7	PY/D/3%		Blocky, Rubby Gravel size Broken Core PY: dissem., blocky and dissem. along bedding	
	(@116.1)					BD/80°/1-2	
117.4	127.1	SHEAR / FAULT ZONE: Clay / Gouge / Carbonate Altered Intensely altered Calcareous Feldspar Crystal Tuff + Lentic Lapilli Tuff + minor Argillite (~5%)	CB-CL/F/7 CH/FF/4	PY/D/Tc		Rubby, gravel Clay/Gouge/Carbonate Strongly Altered SHEAR / FAULT ZONE	
	EOH						



SNOWSHOE SD-90-03

DRILL LOG

sample data

SAMPLE					CORE RECOVERY		VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS					
NUMBER	FROM	TO	TOTAL METRES	MS.	%	AMT LOST							
74092	15.2	18.0	2.8	.1	79	0.6							
093	19.0	20.0	2.0	.1	100	0							
094	20.0	22.0	2.0	0	100	0							
095	22.0	24.0	2.0	0	95	0.1							
096	24.0	26.0	2.0	0	55	0.9							
097	26.0	28.0	2.0	0	90	0.2							
098	28.0	30.0	2.0	.1	90	0.2							
099	30.0	32.0	2.0	.1	85	0.3							
100	32.0	34.0	2.0	0	70	0.6							
101	34.0	36.0	2.0	0	80	0.4							
102	36.0	38.0	2.0	0	75	0.5							
103	38.0	40.0	2.0	0	75	0.5							
104	40.0	42.0	2.0	0	90	0.2							
105	42.0	44.0	2.0	0	55	0.9							
106	44.0	46.0	2.0	0	55	0.9							
107	46.0	48.0	2.0	0	55	0.9							
108	48.0	50.0	2.0	0	40	1.2							
109	50.0	52.0	2.0	0	95	0.1							
110	52.0	54.0	2.0	.1	100	0							
111	54.0	56.0	2.0	0	75	0.5							
112	56.0	58.0	2.0	0	65	0.7							
113	58.0	60.0	2.0	0	80	0.4							
114	60.0	62.0	2.0	0	90	0.2							
115	62.0	64.0	2.0	.1	75	0.5							
116	64.0	66.0	2.0	0	90	0.2							
117	66.0	68.0	2.0	.1	100	0							

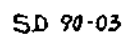


SD 90-03

DRILL LOG

sample data

S A M P L E					C O R E R E C O V E R Y		V I S U A L E S T I M A T E S (% O R E M I N E R A L S)	A S S A Y R E S U L T S					
N U M B E R	F R O M	T O	T O T A L M E T R E S	M . S .	%	A M T L O S T							
74118	68	70	2.0	.1	100	0							
119	70	72	2.0	.1	100	0							
120	72	74	2.0	.1	95	0.1							
121	74	76	2.0	.2	100	0							
122	76	78	2.0	.1	100	0							
123	78	80	2.0	0	100	0							
124	80	82	2.0	0	100	0							
125	82	84	2.0	0	100	0							
126	84	86	2.0	0	70	0.6							
127	86	88	2.0	0	50	0.4							
128	88	90	2.0	0	90	0.2							
129	90	92	2.0	.1	95	0.1							
130	92	94	2.0	0	90	0.2							
131	94	96	2.0	0	80	0.4							
132	96	98	2.0	.1	95	0.1							
133	98	100	2.0	.1	85	0.3							
134	100	102	2.0	0	95	0.1							
135	102	104	2.0	0	95	0.1							
136	104	106	2.0	0	90	0.2							
137	106	108	2.0	0	90	0.2							
138	108	110	2.0	0	95	0.1							
139	110	112	2.0	0	95	0.1							
140	112	114	2.0	0	75	0.5							
141	114	116	2.0	.1	95	0.1							
142	116	118	2.0	.1	90	0.2							
143	118	120	2.0	.1	80	0.4							



sample data

卷一

SYNOPTIC

DDH SD 90-4

UTM Northing:	6110600 m N	Elev.:	1045.5m
UTM Easting:	428950 m E	Depth:	148.4m
GRID North:	108+00 N	Azimuth:	----
GRID East:	73+50 E	Dip:	-90°

Metres (m)

0.0 - 12.1	OVERBURDEN
12.1 - 23.5	CALCAREOUS CRYSTAL ASH LATITE(?) TUFF mod. carb-sericite altn; 1% PY
23.5 - 44.2	CALCAREOUS & CARBONACEOUS ARGILLITE well-laminated, brittle and ductile fault/shear zones over 50% of interval; 3% PY along beds and fractures
44.2 - 53.5	MULTILITHIC LATITE LAPILLI TUFF mod. carb. altn, commonly fractured or brecciated; 1% PY
53.5 - 57.9	CALCAREOUS & CARBONACEOUS ARGILLITE as above, commonly brecciated or sheared; 2% PY
57.9 - 62.4	CRYSTAL ASH LATITE TUFF mod. carb. altn; 3% PY dissem.
62.4 - 65.6	CALCAREOUS & CARBONACEOUS ARGILLITE as above, highly brecciated and sheared; 1.5% PY
65.6 - 69.8	CRYSTAL ASH LATITE TUFF mod. carb. & sericite altn; 1% PY
69.8 - 73.0	CALCAREOUS & CARBONACEOUS ARGILLITE as above, 5% PY
73.0 - 79.0	LATITE LAPILLI TUFF highly brecciated; 5% PY
79.0 - 82.9	CALCAREOUS & CARBONACEOUS ARGILLITE as above, highly brecciated and sheared; 5% PY
82.9 - 88.0	CALCAREOUS ASH CRYSTAL LATITE TUFF intercalated with argillite; commonly brecciated; 5% PY
88.0 - 93.2	FAULT ZONE highly brecciated, sheared and comminuted argillite and latite tuff; strong carb. altn; 4% PY
93.2 - 102.0	CALCAREOUS LITHIC ASH LATITE TUFF mod. carb-sericite and chlorite altn; 5% PY, tr CPY

DDH SD 90-4 cont

102.0 - 107.5 ASH CRYSTAL LATITE TUFF
mod. carb. altn; 3% PY

107.5 - 117.0 CALCAREOUS ASH CRYSTAL LATITE TUFF
highly brecciated or sheared; 2% PY

117.0 - 121.6 FAULT ZONE
as above; 2% PY

121.6 - 148.4 CALCAREOUS CRYSTAL ASH LATITE TUFF
mod. carb-sericite-epidote altn; 3% PY

148.4 E.O.H.



DRILLING CO.	LOCATION SKETCH	DEPTH	TESTS DIP ANGLE	AZIMUTH	DATE STARTED:	PROJECT:
QUEST	- N -	COLLAR	- 90°	-	12/9/90	SNOWSHOE
					DATE COMPLETED:	N.T.S.:
					14/9/90	93 N/1
					COLLAR ELEV.:	LOCATION:
					1045.5 m (3430')	Grid Coords:
					NORTHING:	108+00 N
					EASTING:	73+50 E
					AZIMUTH:	
					DEPTH:	DATE LOGGED:
HOLE TYPE DDH					148.4 m (487')	SEPT. 16 th , 1990
					CORE SIZE:	LOGGED BY:
					NG	CTB

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Firm	STRUCTURE	REMARKS
FROM	TO					(fractures, faults, folding, bedding, etc.)	Mineralization, type, age relations
0	12.1	OVERBURDEN					
12.1	23.5	CALCAREOUS LATITE (?) CRISTAL ASH TUFF: pale grey-green, 25% fine-medium-grained feldspar, quartz (?) and biotite; >5% Carbonate 1% very fine-grained pyrite not magnetic. Minor fault with carbonate-saussurite-clay after tuff	A: Carb-Sauss/P/7	A: PY/D+FF/1%		- Fault zones/rubble/gouge: 12.1-13.5, 14.7-15.2, 15.4-15.6, 16.4-16.5, 18.3-18.6, 18.9-19.2, 19.8-20.1, 20.7-21.2, 22.2-23.5 - Note: carbonate-chy-sericite (?) alteration described as carbonate-saussurite; commonly after feldspars, and ash(?) matrix, pale grey-green. - Lithic fragments and medium-coarse grained feldspar common 22-23.5 m.	

HOLE NO. SD 90-4

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Folm	STRUCTURE	REMARKS
FROM	TO					(Fractures, faults, folding, bedding, etc.)	Mineralization, type, age, relations
23.5	44.2	CARBONACEOUS AND CALCAREOUS ARGILLITE: black-grey, well laminated, commonly brecciated and plasticly deformed up to 5% fine-grained pyrite along bedding and fractures, not magmatic; fault zones common	A: Carb/P/6	A: PY/BD+D/3%		BD/35°-75°/3	- Carbonate both primary and secondary - redistributed, locally - Fault zones/rubble/gouge: 23.5-29.4, 32.0-34.3, 37.9-38.6, 43.5-44.3
(23.5	27.0)			PY/FF+BD/1.5%		Ductile & Brittle deformation BD/40-70°/3	
(27.0	28.5)	Calcareous Tuff, pale grey-green highly brecciated	A: Carb-Swiss/P/6 B: Carb/FF/5	A: PY/FF/0.5%			
(28.5	34.2)	Carbonaceous & Calcareous Argillite,	as above	A: PY/BD+FF/4%		- Fault gouge: 28.5-29.0, 37.8-37.9, 38.0-38.1 white calcite veining + breccia matrix BD/80°/3	
(34.2	35.5)	Calcareous Tuff, as above brecciated		A: PY/D/2%			
(35.5	44.2)	Carbonaceous & Calcareous Argillite,	as above	A: PY/DB+FF/4%			

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Folm	STRUCTURE (Fractures, faults, folding, bedding, etc)	REMARKS Mineralization, type, age, relations
FROM	TO						
44.2	53.5	MULTILITHIC LATITE LAPILLI TUFF subangular to angular fragments from 5-40 cm, of feldspar- hornblende(?) - biotite, feldspar, pyrophyllite and feldspar-augite, microcline/lutite commonly brecciated (pot-illite)	A: Carb-Sulph/P/FF/7	A: PY/D+FF/1%		- Fault/gouge: 44.9-46.8, 48.4-48.7, 50.1-50.9, 51.5-53.5	- Locally Brecciated, after primary tuff-breccia deposits.
53.5	57.9	CARENACEOUS AND CALCAREOUS ARGILLITE: as above, highly faulted; brecciated and sheared.	A: Carb/P/FF/7	A: PY/D+DP/2%		Fault gouge common BD/60/3	
57.9	62.4	MONZONITE DIKE/SILL or FELDSPAR-RICH LATITE CRISTAL TUFF medium grained feldspar 60-80%, locally trachytic; possible 20cm thick chill margin (or ash unit) at top 3-5% Biotite disseminated; Not Monzite	A: Carb-Sulph/P/FF/E	A: PY/D+FF/3.5%		Frac. /30/3	
62.4	65.6	CALCAREOUS AND CARENACEOUS ARGILLITE: well laminated; 1.5% biotite, highly brecciated and sheared	A: Carb/P/7	A: PY/D+FF/1.5%		BD + SZ/30/3	

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Folm	STRUCTURE	REMARKS
FROM	TO					(Fractures, faults, folding, bedding, etc.)	Mineralization, type, age, relations
65.6	69.8	FELDSPAR-RICH LATITE CRYSTAL TUFF medium- fine-grained feldspar 40-70%; locally intercalated with argillite; highly sheared and brecciated	A: Carb+Silica/P/5	A: PY/D/1%		BD/70°/3	
69.8	73.0	CALCAREOUS AND CARBONACEOUS ARGILLITE: well laminated; 5% Pyrite	A: Carb/P/5	A: PY/BD+FF/5%		BD/60°/3 Fault Breccia/zone 72.3-73.0	
73.0	79.0	LITHIC LATITE(?) TUFF 5% Pyrite in matrix; tectonically brecciated and fault zone breccia with tuff and argillite fragments 0.5-10cm.	A: Carb+Silica/P/7	A: PY/FF/5%			
79.0	82.9	CALCAREOUS AND CARBONACEOUS ARGILLITE: highly brecciated and sheared; 5% Pyrite	A: Carb/P/5	A: PY/BD/5%		BD/65°/3	
82.9	88.0	CALCAREOUS ASH CRYSTAL TUFF intercalated with argillite; tectonically brecciated; 5% Pyrite	A: Carb+Silica/P/7	A: PY/D+FF/5%		BD/60°/3	

HOLE NO. SD 90-4

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Firm	STRUCTURE (Fractures, faults, folding, bedding, etc.)	REMARKS Mineralization, type, age, relations
FROM	TO						
88.0	93.2	FAULT ZONE with CALCAREOUS and CARBONACEOUS ARGILLITE intercalated with Ash Tuff; highly brecciated and sheared.	A: Carb+Swss/P/8 B: CHL/FF/5	A: PY/D/4%		Fault gouge/rubble 88.0-93.2	
93.2	102.0	CALCAREOUS LITHIC ASH (latite?) TUFF: 20-90% angular lithic fragments 0.5-30 cm, of feldspar-hornblende physis latite(?) and medium-grained macropite-monzonite; tectonically brecciated with 5% pyrite and trace chalcopyrite.	A: Carb+Swss/P/7 B: CHL/FF/5	A: PY/D+FF/5% B: CPY/D/1%		Pyrite interbedded (or remobilized from nearby strata) during tectonic brecciation - along fractures that cut all volcanic textures	
102.0	107.5	FELDSPAR-HORNBLende (?) CRYSTAL (latite?) TUFF: medium grained feldspar and altered mafic physis 40-75%; locally brecciated.	A: Carb+Swss/P/7 B: CHL/FF/4	A: PY/D+FF/3%			
107.5	117.0	CALCAREOUS ASH CRYSTAL (latite?) TUFF: highly brecciated and locally sheared; 1-3% Pyrite intercalated (or tectonically juxtaposed) with Argillite	A: Carb+Swss/P/7 B: CHL/FF/4	A: PY/D+FF/2%			

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Folm	STRUCTURE (Fractures, faults, folding, bedding, etc.)	REMARKS Mineralization, type, age, relations
FROM	TO						
117.0	121.6	FAULT ZONE: tectonic breccia with milled tuff and argillite fragments	A: Carb/P/7	A: PY/D+FF/2%			
121.6	148.4 EOH	CALCAREOUS FELDSPAR (albite?) CRYSTAL ASH TUFF: medium grained feldspar 15-70% quartz-calcite nodules up to 4 cm 5% locally; local brecciated fault zones; 1.5-4% Pyrite	A: Carb+Quartz/P+FF/7 B: CAL/P/3 C: BIO/FF/2	A: PY/D+FF/3%			
(121.6	126.5)		A: Carb+Quartz/P+FF/7	A: PY/D+FF/1.5%		Fault gouge: 121.6-122.0, 123.5-124.0, 124.5-125.5	
(126.5	130.0)		A: Carb+Quartz/P+FF/7 B: CAL/P/4			Darker green color - weak propylitic alteration	
(130.0	134.5)	FAULT ZONE: highly brecciated tuff and rubble - fault gouge	A: Carb/P/8	A: PY/D/2.5%		- carbonate veins 85% 3/4 in thick with weak biotite alteration	
(134.5	136.3)	Crystal Ash Tuff with 10-15% altered mafic phenocrysts	A: Carb/P/6	A:			
(136.3	148.4)	As above; 15% Feldspar; 15% altered mafic (albite?) phenocrysts, and grains	A: Carb/P/5	A: PY/FF+D/3%		Fault zones to brecciated/rubble/flour rock: 139.2-139.3, 140.2-142.5, 142.7-145.0	
EOH							



SNOWSHOE SD 90-04

DRILL LOG

sample data

SAMPLE					CORE RECOVERY		VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS					
NUMBER	FROM	TO	TOTAL METRES	MS.	%	AMT LOST							
74148	12.1	14	1.9	0.1	77	0.5							
149	14	16	2.0	.1	75	0.5							
150	16	18	2.0	0	80	0.4							
151	18	20	2.0	0	80	0.4							
152	20	22	2.0	.1	80	0.4							
153	22	24	2.0	0	80	0.4							
154	24	26	2.0	0	85	0.3							
155	26	28	2.0	0	90	0.2							
156	28	30	2.0	0	80	0.4							
157	30	32	2.0	0	90	0.2							
159	32	34	2.0	0	70	0.6							
159	34	36	2.0	0	90	0.2							
160	36	38	2.0	0	95	0.1							
161	38	40	2.0	0	95	0.1							
162	40	42	2.0	0	85	0.3							
163	42	44	2.0	0	90	0.2							
164	44	46	2.0	0	100	0.0							
165	46	48	2.0	.1	95	0.1							
166	48	50	2.0	0	95	0.1							
167	50	52	2.0	0	85	0.3							
168	52	54	2.0	.1	85	0.3							
169	54	56	2.0	0	85	0.3							
170	56	58	2.0	.1	90	0.2							
171	58	60	2.0	.1	85	0.3							
172	60	62	2.0	.1	85	0.3							
173	62	64	2.0	0	100	0.0							

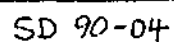


SD 90-04

DRILL LOG

sample data

SAMPLE					CORE RECOVERY		VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS					
NUMBER	FROM	TO	TOTAL METRES	MS.	%	AMT LOST							
74174	64	66	2.0	0	100	0							
175	66	68	2.0	0	70	0.6							
176	68	70	2.0	0	90	0.2							
177	70	72	2.0	0	80	0.4							
178	72	74	2.0	0	95	0.3							
179	74	76	2.0	0	90	0.2							
180	76	78	2.0	0	90	0.2							
181	78	80	2.0	0	90	0.4							
182	80	82	2.0	0	75	0.5							
183	82	84	2.0	.1	80	0.4							
184	84	86	2.0	0	85	0.3							
185	86	88	2.0	0	95	0.1							
186	88	90	2.0	0	80	0.4							
187	90	92	2.0	0	95	0.1							
188	92	94	2.0	0	100	0							
189	94	96	2.0	.1	100	0							
190	96	98	2.0	0	85	0.3							
191	98	100	2.0	0	100	0							
192	100	102	2.0	.1	95	0.1							
193	102	104	2.0	0	90	0.2							
194	104	106	2.0	0	85	0.3							
195	106	108	2.0	.1	95	0.1							
196	108	110	2.0	0	90	0.2							
197	110	112	2.0	0	85	0.3							
198	112	114	2.0	.1	80	0.4							
199	114	116	2.0	0	80	0.4							



DRILL LOG

sample data

DP 00-1

SYNOPTIC

DDH SD 90-5

UTM Northing:	6111200 m N	Elev.:	1159.8m
UTM Easting:	430075 m E	Depth:	163.7m
GRID North:	114+00 N	Azimuth:	----
GRID East:	84+75 E	Dip:	-90°

Metres (m)

0.0 - 3.7	CASING
3.7 - 24.4	CARBONACEOUS & CALCAREOUS ARGILLITE AND CALCAREOUS FELDSPAR CRYSTAL TUFF + minor Lithic Lapilli Tuff mod. carb-chlorite-sericite altn; 5-10% PY
24.4 - 27.4	Altered PLAGIOCLASE PORPHYRY MONZODIORITE(?) (Latite?)----- SHEAR/FAULT ZONE 5-7% chlorite alt. fine gr. mafics; tr PY
27.4 - 31.6	CARBONACEOUS & CALCAREOUS ARGILLITE AND minor CALCAREOUS FELDSPAR CRYSTAL ASH TUFF mod. carb. altn; 3-8% PY
31.6 - 37.2	CALCAREOUS MULTILITHIC LAPILLI TUFF mod-strong carb-sericite altn; 3-5% PY
37.2 - 39.9	Altered PLAGIOCLASE PORPHYRY MONZODIORITE(?) mod. carb. and chlorite altn; tr PY
39.9 - 42.1	CALCAREOUS MULTILITHIC LAPILLI TUFF mod-strong chlorite-carb-sericite altn; 3-5% PY
42.1 - 50.0	CARBONACEOUS & CALCAREOUS ARGILLITE AND CALCAREOUS ASH TUFF + FELDSPAR CRYSTAL TUFF mod. chlorite-carb-sericite altn; 7-10% PY
50.0 - 69.1	Altered PLAGIOCLASE PORPHYRY MONZODIORITE(?) weak-mod. chlorite-carb-sericite altn; tr PY
69.1 - 75.6	CALCAREOUS & CARBONACEOUS PYRITIC ARGILLITE AND minor CALCAREOUS FELDSPAR CRYSTAL ASH TUFF Interbeds weak-mod. carb. altered; 15% PY
75.6 - 94.8	CALCAREOUS MULTILITHIC LAPILLI TUFF mod-strong chlorite-carb-sericite altn; 5-8% PY
94.8 - 108.6	CARBONACEOUS PYRITIC ARGILLITE AND Interbedded FELDSPAR CRYSTAL ASH TUFF & minor Calcareous Lithic Lapilli Tuff weak-mod. chlorite & carb. altn; 10-16% PY

DDH SD 90-5 cont

108.6 - 149.0 Altered MULTILITHIC LAPILLI to TUFF-BRECCIA
mod-strong chlorite-carb-sericite altered &
weak epidote altn; 1-2% PY, tr PO

149.0 - 161.0 PYRITIC ARGILLITE AND CALCAREOUS CRYSTAL ASH TUFF
weak carb. altn; 7-10% PY

161.0 - 163.7 Altered CALCAREOUS MULTILITHIC LAPILLI TUFF
weak-mod. epidote altn; 1-2% PY, 1% PO, tr CPY

163.7 - E.O.H.



DRILLING CO.

QUEST

HOLE TYPE DDH

LOCATION SKETCH

DEPTH
COLLARTESTS
DIP ANGLE
-90°

AZIMUTH

DATE STARTED: 14/07/90

DATE COMPLETED: 15/07/90

COLLAR ELEV.: 1159.8 m (3805')

NORTHING: 6111200 N

EASTING: 430075 E

AZIMUTH: -

DEPTH: 163.7 m (537')

CORE SIZE: NR

HOLE NO. SD 90-5

PROJECT: SNOWSHOE

N.T.S.: 93 N/1

LOCATION: Grid Coords:

114+00 N

84+75 E

DATE LOGGED: SEPT. 17th, 1990

LOGGED BY: DRB

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Fm	STRUCTURE		REMARKS
FROM	TO					(fractures, faults, folding, bedding, etc.)	Mineralization, type, age relations	
0	3.7	CASING						
3.7	24.4	CALCAREOUS & CALCAREOUS ARGILLITE + CALCAREOUS FELDSPAR (CRYST. TUFF) + minor Lithic Lapilli Tuff. Argillite: laminated & bedded, dark grey-black (GS=8-9) Tuff: light-medium grey (GS=4) Argillite Frags: ~0.5-4.0cm Sub-irregular-Subangular	CB/FF/4-5 CH/FF/5 CB-SE(Lg)/P/4-5	PY/D/3-7% PY/FF/2-3%		LCT/?/? Broken Core PY generally dissem. along bedding (laminae) Early laminated Argillite & Tuff interbeds (mm scale); well bedded (up to 30 cm beds); predom. Feldspar Crystal Lapilli - Ash Tuff.		
(3.7	17.0)	predom. Argillite (~75%) + minor calcareous Feldspar (Crystal Ash (mass) Lapilli) Tuff						
(3.7	5.1)							Oxidized (Orange Colored, Rusty) Fracture Surfaces Open space fractures, weathered calc carbonate



HOLE NO.

SD 90-5

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Folm	STRUCTURE	Mineralization, type, age, relations
FROM	TO					(Fractures, faults, folding, bedding, etc.)	
	(26.7)					BD/45°/3	
15.0	20.4	Sheared Argillite & Carbonaceous Foliated Crystal Ash Tuff	CH/FF/7			Chlorite altered; shaly Rtly, Gravel + minor gouge	
	(28.0)					BD/45°/3	
	(210.2)					BD/40°/3	
	(212.1)					BD/45°/3	
	(213.7)					BD/40°/3	
	(214.4)					BD/40°/3	
17.0	24.4	predom. Carbonaceous, fine gr., & minor Lepid. Tuff (Argillite f. m.) & minor Argillite (unmetam., b. l. up to 5 cm; ~7% argillite)					
24.4	27.4	Altered Phg. Rhyol. Brecciated (LATER?): SNEIR / FAULT ZONE light grey, grey-green (ss = 3); ~30-45% fine-medium gr. Phg. P. ~5-7% Altered fine gr. rhyolite	CH/D-FF/4	PY/D/Ti		LCT/?/? Rully Breccia Core. Rtly, Gravel + minor clay/gouge. FAULT/SNEIR	
		trace Quartz 'eyes' (3-5 mm, very minor) ms. (tabular, egypt. shape, ~70° arc, 1/4 size) (Chlorite Altered D. silt & Hematite?)					

PAGE

2

OF

11

DRILL HOLE NO.

SD 90-5

HOLE NO. SD 90-5

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Folm	STRUCTURE	
FROM	TO					(Fractures, faults, folding, bedding, etc.)	Mineralization, type, age, relations
27.4	31.6	CARBONATES & CALCAREOUS ARGILLITE + minor L. calcareous fine gr. Felspar Crystal Ash Tuff Argillite: laminated, bedded Tuffaceous Interbeds: light gray colour (GS=3), (mm to 15 cm scale interbeds)	CB/FF/3-4	PY/D/2-5% PY/FF/1-3%		LCT/?/? Gradational into Lithic Lapilli Tuff PY desm., dissem. along bedding (local pyrite (2-3%); parallel argillite laminae.	
	(27.6)					BD/65°/3	
	(30.8)					BD/60°/2	
	(31.2)					BD/55°/2	
31.6	37.2	CALCAREOUS LITHIC LAPILLI TUFF light medium grey-green (GS=4) Lapilli Fragments: Subangular - Fragmented (0.2-2.5 cm) - aphanitic grey-brown argillite frags - aphanitic pale grey, grey-green Volcanic(?) frags - minor fine-medium gr. Argillite - Altered fine gr. Flg + Matrix (Biotite, Argillite?) Lapilli frags.	CB-SE/P/6-7 CB/FF/5-6	PY/D/1-2% PY/FF/2-3%		LCT/40°/1 Wavy & Irregular; Broken Core	
(33.3)	33.7	SHEAR/FAULT ZONE → Chy/Gouge					

HOLE NO. SD 90-5

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Film	STRUCTURE	Mineralization, type, age, relations
FROM	TO					(Fractures, faults, folding, bedding, etc.)	
37.2	39.9	Altered Plg. Boph. Microcrystalline light grey colour (G ₅ =3-4) * 30-45% fine-medium gr. Plg. phase (very coarse gr. up to 1.2 cm); lath, tabular, irregular shape; weakly altered * 7-10% Chlorite Altered fine	CB/FF/3-4 CH/D/4	PY/D-FF/tr		LCT/?/? Broken Core	
39.9	42.1	Calcareous Lithic Lapilli Tuff light grey-green colour (G ₅ =4) Lithic frags (0.2-3.0 cm, subangular - subrounded) Frags variable: - subangular (0.2-0.7 cm) - altered fine gr. Plg. Boph. - fine gr. to Aphanitic, grey	CB-SE/P/6-7 CH-CB/FF/4	PY/D/2-5% PY/FF/1%		LCT/?/? v. grey, Broken Core	
(41.3)	42.1)	Towards lower contact; Trach	used PY mineralization	PY/D/7-10%		some altered Plg. Boph. frags within up to 15-20% PY	

HOLE NO. SD 90-5

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Firm	STRUCTURE	
FROM	TO					(Fractures, faults, folding, bedding, etc.)	Mineralization, type, age, relations
42.1	50.0	CARBONACEOUS & CALCAREOUS ARGILLITE + CALCAREOUS ASH TUFF & Felt-par Crystall Tuff: Light grey-green colour (GS=3-4) Argillite: interbedded & laminated	CB/FF/4-5 CB-SE/P/5 CH/D-FF/3	PY/D-DE/7-10% within Ash Tuff Bed		LCT (SHR)/45°/1-2 PY prob. dissem. along bedding in Argillite	Grays/Clay
	(42.8)					BD/45°/3	
	(43.6)					BD/40°/3	
(43.9 48.6)	46.8 50.0	SHEAR/Fault ZONE: locally Carbonate & Chlorite, - disrupted bedding, minor gouge/clay - shaly Argillite, locally Graphitic	Chy-ymp. Hkale Brown (Fe. tunc)				
50.0	69.1	Altered Plag. Porph. Monzonite (?) light-medium green (GS=4) 30-45% medium gr. (minor fine gr.) Plin. phos. (old-Mol. Altered) " 10% Carbonate altered Plinics (Altered fine gr. acicular Hemlock) Trace to < 1/2% Biotite Eyes	CH/D/4-5 CH-CB-SE/D-FF/3 (+ Epidote?) (0.2-0.6 cm, round)	PY/D/Tr.		LCT/40°/2 Blocky, rubby Splintered	irregular (intrusive style contact) minor Clay (Chlorite) gouge (from 50.0 to 62.2)

HOLE NO. SD 90-5

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Fz/m	STRUCTURE	Mineralization, type, age, relations
FROM	TO					(Fractures, faults, folding, bedding, etc)	
(59.5)	60.2	Altered, Sheared Argillite: <i>Fog, Zoned?</i>				Contacts? Broken Core	
(63.2)	63.5	Altered, Sheared Argillite: <i>Fog, Zoned?</i>				Contacts: UCT/?/? : LCT/15°/3	Intersecting
69.1	75.6	CALCAREOUS & CARBONACEOUS PYRITIC ARGILLITE + MATERIAL CALCAREOUS FELDSPAR (CRYSTALLINE ASH TUFF Textured) (mm - 7cm scale full, collected) Argillite: finely bedded, laminated	CB/FF/3-4	PY/D-DE/15%	5-7/0. 35°/3/1/1	LCT/?/? Gradational into Lentic Lipill Tuff PY: bedding/laminar parallel & bedding parallel fracturing	
	(69.8)					BD-DB/35°/3	PY dissolves along bedding
	(70.6)					BD-DB/35°/3	
	(71.7)					BD-DB/35°/3	
	(72.3)					BD/35°/3	
	(74.5)					BD/35°/3	
(75.7)	75.8	Weakly Magnetite		Pd(?) / D / Tr			



HOLE NO. SD 90-5

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Firm	STRUCTURE	
FROM	TO					(Fractures, faults, folding, bedding, etc.)	Mineralization, type, age, relations
75.6	94.8	CALCAREOUS LITHIC LAPILLI TUFF weak to strongly altered light-medium grey-green to greenish-grey calcareous granular, matrix ~10% calcareous; lithic frags subangular to subrounded (0.2-8 cm) Pkg. lith. (extensive or volcanic?) fine gr. aphanitic (grey & green colored) volcanic frags.	CH(B-SE)/P/6-7 CH-CB/FF/3-5	PY/D/5-7% PY/FF/5-1%		LCT/20-25°/1	irregular, vague.
(76.3	76.6)	Intensely altered Pkg. lith. frag. sausage-shaped plog. phenos Calcrete w. PY/Pkg. fibrous vesicle (mygdals)	SE-CB(EP)/P/8	PY/D-FF/5% Pkg/D/1%		Contacts: lith. & irregular ~45° to C.A.	Pkg with calcrete as original fibrous.
(81.2	83.4)	SHEAR/Fault ZONE: chlorite lined Breccia Extremely altered Lithic lapilli Tuff	CH/FF/8				
(94.0	94.8)	Lithic Lapilli Tuff-Breccia in a black Argillaceous granular mass Frag: subangular to subrounded (0.2-20 cm) predominant fragment type: Argill. Pkg. lith. matrix: Horst-like = Pkg. lith. & aphanitic gran. volcanic					

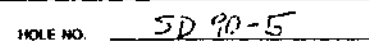
HOLE NO. SD 90-5

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Folm	STRUCTURE	Mineralization, type, age, relations
FROM	TO					(Fractures, faults, folding, bedding, etc.)	
94.8	108.6	CARBONACEOUS PYRITIC ARGILLITE + interbedded FINE-GRANULAR ASH TUFF & minor CALCAREOUS LITTLE LAPILLI TUFF: light gray-green colored tuff (15-4) Argillite: black; ~60% interbedded	CU/FF-F/4 CB/FF/3-4	PY/D-DB/12-151 PY/FF/1%		LCT/?/? Sheared, Broken Core	
	(96.3)					BD-DB/45°/3	
	(97.1)					BD-DB/45°/3	
(98.8)	99.8	Fine-medium gr.; Altered thrustland; - Plug. Porph (Dyle)				Contacts: UCT/40°/2 LCT/60°/2 c. 60% margin	
	(101.0)					BD/40°/3	
	(102.9)					BD-DB/35°-40°/3	
(105.6)	106.0	SHEAR / FAULT ZONE - black gray clay					
	(108.0)					BD-DB/35°/2	

HOLE NO. SD 90-5

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Film	STRUCTURE (Fractures, faults, folding, bedding, etc.)	Mineralization, type, age, relations
FROM	TO						
108.6	114.9.0	Altered LITHIC LAPILLI to TRF - BRECCIA medium green colour (gs = 4-5) Frag: (0.2-35.0 cm) subangular - subrounded - altered fine-medium gr. Fly calcite filled amygdaloids. - altered aphanitic volcanic frags. - Tephra volcanic frags (with irregular boundaries; amygdaloids) - altered fine-medium gr. tuff	CH/P-FF/6-7 CBSE/P/5-8 EP/P-D/3	PY/D/1-2% PY/FF/1% PP/D/trace		LCT/40°/2 appears conformable	
110.0	110.3	Lignite frag					
115.5	116.2	Aphanitic to fine grained (volcanic) green frags (up to 80 cm) calcite filled amygdaloids	reduced, altered				
127.0	127.3	very weakly Magnetic trace druse. P; very trace CPY		PP-CPY/D/trace			
130.6	140.6	Strong EPO. Altered Matrix & possible potassic (or silicified?)	EP/P/6-7 K(silicified)/P/5				

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Fibre	STRUCTURE (fractures, faults, folding, bedding, etc.)	Mineralization, type, age, relations
FROM	TO						
(140.6)	(141.4)	Aphandite to fine gr. Volcanic Frag medium green (45-5); 5% strongly chlorite altered rocks	(Lalite?)				
	(148.0)					BD/35°/2	
149.0	161.0	PYRITIC ARGILLITE + CALCAREOUS CRYSTAL ASH TUFF grey-green light coloured ash tuff (45 = 3-4)	CB/FF/3	PY/D-DB/7-10%		LCT/?/? gradual	
	(149.4)					BD/30°-35°/3	
	(151.5)					BD/30°/2	
	(152.8)					BD/25°/3 PY decum along laminar bedding	
(152.5)	(153.3)	Increased PY mineralization		PY/D-DB/15-20%			
(153.3)	(159.3)	SHEAR / FAULT ZONE - altered Argillite, Graphitic + calcareous Crystal Ash Tuff				Splintered, Riddle, Gravel + minor gouge + Carbonate filled Breccia	



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DRILL HOLE NO. SD 911-5



SNOWSHOE SD-90-05

DRILL LOG

sample data

SAMPLE					CORE RECOVERY		VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS						
NUMBER	FROM	TO	TOTAL METRES	M.S.	%	AMT LOST								
74216	3.7	6	2.3	0.1	83	0.4								
217	6	8	2.0	0.1	100	0								
218	8	10	2.0	0.1	100	0								
219	10	12	2.0	0.1	100	0								
220	12	14	2.0	0	100	0								
221	14	16	2.0	0	95	0.1								
222	16	18	2.0	0.1	90	0.4								
223	18	20	2.0	0	80	0.4								
224	20	22	2.0	0.1	95	0.1								
225	22	24	2.0	0	80	0.4								
226	24	26	2.0	0	90	0.2								
227	26	28	2.0	0	100	0								
228	28	30	2.0	0	90	0.2								
229	30	32	2.0	0.1	100	0								
230	32	34	2.0	0	100	0								
231	34	36	2.0	0	90	0.2								
232	36	38	2.0	0	100	0								
233	38	40	2.0	0	100	0								
234	40	42	2.0	0	95	0.1								
235	42	44	2.0	0	100	0								
236	44	46	2.0	0	95	0.1								
237	46	48	2.0	0	100	0								
238	48	50	2.0	0	100	0								
239	50	52	2.0	0.1	95	0.1								
240	52	54	2.0	0	95	0.1								
241	54	56	2.0	0	100	0								



SD 90-05

DRILL LOG

sample data

SAMPLE					CORE RECOVERY		VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS					
NUMBER	FROM	TO	TOTAL METRES	M.S.	%	AMT LOST							
74242	56	58	2.0	0	95	0.1							
243	58	60	2.0	0	100	0							
244	60	62	2.0	0	100	0							
245	62	64	2.0	0.1	95	0.1							
246	64	66	2.0	0	100	0							
247	66	68	2.0	0	95	0.1							
248	68	70	2.0	0.1	95	0							
249	70	72	2.0	0	100	0							
250	72	74	2.0	0	100	0							
251	74	76	2.0	0.2	100	0							
252	76	78	2.0	0.3	100	0							
253	78	80	2.0	0.1	100	0							
254	80	82	2.0	0	100	0							
255	82	84	2.0	0	85	0.3							
256	84	86	2.0	0.1	95	0.1							
257	86	88	2.0	0	100	0							
258	88	90	2.0	0	100	0							
259	90	92	2.0	0.1	95	0.1							
260	92	94	2.0	0	100	0							
261	94	96	2.0	0.1	100	0							
262	96	98	2.0	0.1	95	0.1							
263	98	100	2.0	0	100	0							
264	100	102	2.0	0.2	100	0							
265	102	104	2.0	0.2	95	0.1							
266	104	106	2.0	0	95	0.1							
267	106	108	2.0	0	100	0							

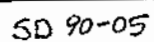


SD 90-05

DRILL LOG

sample data

SAMPLE					CORE RECOVERY		VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS						
NUMBER	FROM	TO	TOTAL METRES	MS.	%	AMT LOST								
74268	108	110	2.0	0	100	0								
269	110	112	2.0	0	100	0								
270	112	114	2.0	0.1	100	0								
271	114	116	2.0	0.1	100	0								
272	116	118	2.0	0.1	100	0								
273	118	120	2.0	0	100	0								
274	120	122	2.0	0	100	0								
275	122	124	2.0	0	90	0.2								
276	124	126	2.0	0	100	0								
277	126	128	2.0	0	90	0.2								
278	128	130	2.0	0.1	100	0								
279	130	132	2.0	0	100	0								
280	132	134	2.0	0	100	0								
281	134	136	2.0	0	100	0								
282	136	138	2.0	0	100	0								
283	138	140	2.0	0.1	85	0.3								
284	140	142	2.0	0.1	100	0								
285	142	144	2.0	0.1	95	0.1								
286	144	146	2.0	0.1	100	0								
287	146	148	2.0	0.1	100	0								
288	148	150	2.0	0.1	95	0.1								
289	150	152	2.0	0.1	100	0								
290	152	154	2.0	0.1	100	0								
291	154	156	2.0	0	80	0.4								
292	156	158	2.0	0	100	0								
293	158	160	2.0	0.1	100	0								



DRILL LOG

sample data

0000-

SYNOPTIC

DDH SD 90-6

UTM Northing:	6111700 m N	Elev.:	1172.0m
UTM Easting:	430200 m E	Depth:	160.6m
GRID North:	119+00 N	Azimuth:	270°
GRID East:	86+00 E	Dip:	-46°

Metres (m)

0.0 - 9.1	OVERBURDEN
9.1 - 17.1	CALCAREOUS AND CARBONACEOUS ARGILLITE mod. carb. altn, local fault zones 60% of interval; 3% PY
17.1 - 21.7	HORNBLLENDE BIOTITE MONZONITE DIKE/SILL slight to moderate carb-sericite-epidote altn; fault zones 30% of interval; 0.5% PY (note:possible crystal tuff)
21.7 - 23.8	FAULT ZONE rock flour and rubble of monzonite composition; strong carbonate altn; 1% PY
23.8 - 27.7	CALCAREOUS AND CARBONACEOUS ARGILLITE as above; bedding-parallel slip planes and fault gouge 10% of interval; 4% PY
27.7 - 32.4	CALCAREOUS CRYSTAL LITHIC LATITE TUFF slight to moderate carb-sericite altn; fault zones 15% of interval; 2% PY
32.4 - 51.7	CALCAREOUS AND CARBONACEOUS ARGILLITE as above, interbedded ash and feldspar crystal tuff up to 60cm thick; slight to moderate carb. altn; 5% PY
51.7 - 68.8	CRYSTAL LITHIC LATITE TUFF-AGGLOMERATE grossly layered, with crystal-ash, lithic and coarse lithic subunits; mod. carbonate and slight chlorite altn; 6% PY
68.8 - 71.0	CALCAREOUS AND CARBONACEOUS ARGILLITE as above; 3% PY
71.0 - 76.3	CALCAREOUS MULTILITHIC LATITE TUFF poorly sorted, angular frags 0.5-3.0cm of feldspar- phyric latite; 2% PY
76.3 - 96.1	CALCAREOUS AND CARBONACEOUS ARGILLITE as above; moderate carbonate altn, slight biotite altn. adjacent to calcite K-spar veinlets locally; 4% PY

DDH SD 90-6 cont

96.1 - 105.6 CALCAREOUS MULTILITHIC LATITE TUFF
 as above; 0.5% PY, predom. in matrix

105.6 - 160.6 MULTILITHIC LATITE TUFF-BRECCIA-AGGLOMERATE
 slight to mod. carb. altn, slight epidote &
 sericite altn locally, 0.5% PY, predom. in matrix

160.6 E.O.H.

HOLE NO. SD 90-6

DRILLING CO.	LOCATION SKETCH	DEPTH	TESTS DIP ANGLE	AZIMUTH	DATE STARTED: <u>15/9/90</u>	PROJECT: <u>SNOWSLOGE</u>
QUEST	- N -	COLLAR	-46°	270°	DATE COMPLETED: <u>16/9/90</u>	N.T.S.: <u>93 N/1</u>
		160.6 m	-45°	270°	COLLAR ELEV.: <u>1172.0 m (3845')</u>	LOCATION: <u>Grid Coords:</u>
					NORTHING: <u>6111700 N</u>	<u>119+00 N</u>
					EASTING: <u>430200 E</u>	<u>86+00 E</u>
					AZIMUTH: <u>270°</u>	
HOLE TYPE <u>DDH</u>					DEPTH: <u>160.6 m (527')</u>	DATE LOGGED: <u>Sept. 19-20th, 1990</u>
					CORE SIZE: <u>NR</u>	LOGGED BY: <u>CTB</u>

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Film	STRUCTURE	REMARKS
FROM	TO					(fractures, faults, folding, bedding, etc.)	Mineralization, type, age relations
0	9.1 m	OVERBURDEN					
9.1	17.1	CALCAREOUS AND CARBONACEOUS ARGILLITE: grey and black, well laminated on a cm and mm scale; 2-4% fine grained pyrite; localized fault zones over 60% of interval	A: Carb/D/5	A: PY/BD/DIFF/31		Fault gouge/rubble zones: 9.1-13.0, 15.3-15.6, 16.2-17.1 BD/60-85°/3	
17.1	21.7	HORNBLende BIOTITE Monzonite DIKE/SILL: light grey, medium-grained, locally K-Spr porphyritic, with slight to moderate calcite-sericite-epidote alteration; 0.5% Pyrite; Fault zones	A: Gub+Sw/FF-DB/5 B: EP/FE/4	A: PY/D/0.5%		Fault gouge/rubble zones: 17.1-17.6, 19.2-19.4, 20.6-20.9, 21.2-21.7	



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DRILL HOLE NO. SD 90-6

HOLE NO. SD 90-6

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Folm	STRUCTURE	REMARKS
FROM	TO					(Fractures, faults, folding, bedding, etc)	Mineralization, type, age, relations
32.4	51.7	CALCAREOUS AND CARBONACEOUS ARGILLITE: as above; ash + crystal tuff beds 0.5 to 60 cm thick; 2-8% Pyrite along bedding; minor fault zones; bedding - parallel slip common.	A: Carb/D+FF/5	A: PY/BD+D/5% +FF			Fault zones: 43.5-43.6, 48.2-48.3 BD/60-70/3
(32.4	38.0)			PY/BD+FF/7%			
(38.0	43.2)	Ash Tuff 50%		PY/D/4%			
(43.2	51.7)			PY/BD+FF/5%			
51.7	68.8	CRYSTAL LITHIC (lignite?) TUFF-AGGLOMERATE: poorly bedded unit, with crystal ash, lignite, and very coarse lignite tuff-agglomerate subunits; as described below:	A: Carb+Sand/P/5 B: CAL/FF/3	A: PY/P+FF/6%			
(51.7	54.0)	Crystal Ash (lignite?) Tuff, with 60-75% Spinel crystals; altered ash matrix; 8% Pyrite.	A: Carb+Sand/P/7	A: PY/D/8%			- Molybdenum concentrated in altered ash matrix

HOLE NO. SD 90-6

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Foss	STRUCTURE (Fractures, faults, folding, bedding, etc)	REMARKS Mineralization, type, age, relations
FROM	TO						
(54.0	57.3)	Calcareous Litic Tuff, with subangular, irregular-shaped fragments 0.5-5 cm, of feldspar-phryic latite tuff; some with brown alteration rims	A: Carb/P/6 B: Bi/D/Pyrox/3	A: PY/D/4%		- carbonate in matrix	
(57.3	59.6)	Crystal Ash Litic Tuff, variable, with amygdulites up to 1 cm in ash-rich sections.		A: PY/D/2%			
(59.6	60.3)	CRYSTAL Ash Tuff: grey-brown, 50% medium-fine-grained feldspar.	A: Bi/D/P/2	A: PY/D/0.2%			
(60.3	60.6)	Calcareous Litic Tuff, as above					
(60.6	68.8)	Multilithic Agglomerate: subangular fragments 5 cm to > 70 cm; fragments of latite flow, latite porphyry with medium + very coarse grained K-spar phenocrysts	A: Carb/P/6 B: Bi/D/3 C: EP+Sw/P/3 ≥ 30-60%	A: PY/D+FF/0.5%		- Base of agglomerate has argillite matrix - with plastic (soft sediment?) deformation.	
68.8	71.0	CALCAREOUS AND CARBONACEOUS ARGILLITE: as above; tectonic slipage parallel to bedding.	A: Carb/P/5	A: PY/BD+DIF/3%		BD/75°/3	

HOLE NO. SD 90-6

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Folm	STRUCTURE (Fractures, faults, folding, bedding, etc)	REMARKS Mineralization, type, age, relations
FROM	TO						
71.0	76.3	CALCAREOUS MULTILITHIC (latitic?) TUFF: grey-brown, poorly sorted with angular fragments 0.5-3 cm of latitic composition in calcareous matrix; 2% dissemin. pyrite	A: Carb/D/6 B: Bi/D/2	A: PY/D+FF/6.5%		Fracture @ PY 0.2 m / 0.5 / 3, at 76.0	- Biotite alteration assumed due to brown color in some fragments and along fragment margins.
76.3	96.1	CALCAREOUS AND CARBONACEOUS ARGILLITE: as above	A: Carb/D/6 B: Bi/P+FE/3	A: PY/D+FF/4%			
(76.3	78.3)			A: PY/D/1%		BD/75°/3	
(78.3	78.8)	Calcareous Crystal Litic Tuff, fragments 0.3-3 cm, as above		A: PY/D/0.5%			
(78.8	80.0)			A: PY/BD+D/3%			
(80.0	86.2)		A: Carb/D/6 B: Bi/P+FE/4 C: K+EP+Carb/FF/4	A: PY/BD+FF/5%			K-spar + epidote + carbonate Fractures 0.5 cm / 16 / 20 / 75°/3 also parallel to bedding, possibly syn-sedimentary, as beds bowed up at margin of "sill" of veins
(86.2	96.1)	Fault zones		A: PY/BD+FF/4%			 Fault gouge: 93.4-96.1

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTEI (ION)	MINERALIZATION	Film	STRUCTURE (Fractures, faults, folding, bedding, etc.)	REMARKS Mineralization, type, age, relations
FROM	TO						
96.1	105.6	CALCAREOUS MULTITUFFIC (latite?) TUFF: light grey; angular fragments 0.2-15 cm of K-spar porphyritic latite with varying grain size, phenocryst content, in calcareous matrix; 0.5% pyrite predominantly in matrix	A: Carb/D/5 B: Spr/D/3 C: BT/D/2	A: PY/D+FF/0.5%		Fault gouge/rubble: 96.1-96.7, 97.2-97.8	
105.6	160.6 EOL	MULTITUFFIC (latite?) TUFF- BRECCIA-AGGLOMERATE: predominantly subangular- subcrystalline fragments from 0.5-50 cm of grey feldspar or K-feldspar (fine-coarse grained 15-65%), porphyritic latite, and grey-brown, angular varieties of same, with 10-40% amygdalae; calcareous tuffaceous matrix 10-20% of rock; one interval of crystal ash tuff (see below); moderate carbonate alteration, slight epidote alteration, locally confined to matrix; slight biotite alteration (brown color) in amygdale-rich fragments; 0.5-1% pyrite	A: Carb/P/5 in matrix B: EP/D+FF/3 locally in matrix C: BT/P/2 in amygdale-rich fragments	A: PY/P+FF/0.5%			
(105.6	112.7)		A: Carb/FF/6			- Minor brittle fracturing infilled with white calcite - Fault gouge 105.8-106.3	



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DRILL HOLE NO. SD 90-6



SNOWSHOE SD 90-06

DRILL LOG

sample data

SAMPLE					CORE RECOVERY		VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS					
NUMBER	FROM	TO	TOTAL METRES	MS.	%	AMT LOST							
74296	9.1	12	2.9	0	28	2.1							
297	12	14	2.0	0	75	0.5							
298	14	16	2.0	0.1	80	0.4							
299	16	18	2.0	0	100	0							
300	18	20	2.0	0	100	0							
301	20	22	2.0	0	100	0							
302	22	24	2.0	0	95	0.1							
303	24	26	2.0	0	100	0							
304	26	28	2.0	0	95	0.1							
305	28	30	2.0	0	100	0							
306	30	32	2.0	0	100	0							
307	32	34	2.0	0	100	0							
308	34	36	2.0	0.1	95	0.1							
309	36	38	2.0	0	100	0							
310	38	40	2.0	0	95	0.1							
311	40	42	2.0	0	100	0							
312	42	44	2.0	0.1	100	0							
313	44	46	2.0	0	95	0.1							
314	46	48	2.0	0	100	0							
315	48	50	2.0	0	100	0							
316	50	52	2.0	0	95	0.1							
317	52	54	2.0	0	90	0.2							
318	54	56	2.0	0.2	100	0							
319	56	58	2.0	0.1	100	0							
320	58	60	2.0	0.1	95	0.1							
321	60	62	2.0	0.1	85	0.3							



SD 90-06

DRILL LOG

sample data

SAMPLE					CORE RECOVERY		VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS					
NUMBER	FROM	TO	TOTAL METRES	MS.	%	AMT LOST							
74322	62	64	2.0	0.1	100	0							
323	64	66	2.0	0.1	90	0.2							
324	66	68	2.0	0	100	0							
325	68	70	2.0	0.1	100	0							
326	70	72	2.0	0.2	95	0.1							
327	72	74	2.0	0.2	100	0							
328	74	76	2.0	0.1	100	0							
329	76	78	2.0	0.3	100	0							
330	78	80	2.0	0.1	100	0							
331	80	82	2.0	0.1	95	0.1							
332	82	84	2.0	0.1	100	0							
333	84	86	2.0	0.1	90	0.2							
334	86	88	2.0	0	90	0.2							
335	88	90	2.0	0	100	0							
336	90	92	2.0	0.1	90	0.2							
337	92	94	2.0	0	100	0							
338	94	96	2.0	0.1	90	0.2							
339	96	98	2.0	0	95	0.1							
340	98	100	2.0	0	100	0							
341	100	102	2.0	0	100	0							
342	102	104	2.0	0	100	0							
343	104	106	2.0	0	90	0.2							
344	106	108	2.0	0.1	95	0.1							
345	108	110	2.0	0.1	100	0							
346	110	112	2.0	0	95	0.1							
347	112	114	2.0	0	100	0							



SD 90-06

DRILL LOG

sample data

SAMPLE					CORE RECOVERY		VISUAL ESTIMATES [% ORE MINERALS]	ASSAY RESULTS					
NUMBER	FROM	TO	TOTAL METRES	MS.	%	AMT LOST							
74348	114	116	2.0	0.1	85	0.3							
349	116	118	2.0	0	95	0.1							
350	118	120	2.0	0	100	0							
351	120	122	2.0	0	75	0.5							
352	122	124	2.0	0	100	0							
353	124	126	2.0	0	100	0							
354	126	128	2.0	0.1	85	0.3							
355	128	130	2.0	0	95	0.1							
356	130	132	2.0	0.1	95	0.1							
357	132	134	2.0	0.1	85	0.3							
358	134	136	2.0	0	100	0							
359	136	138	2.0	0.1	90	0.2							
360	138	140	2.0	0.1	85	0.3							
361	140	142	2.0	0.1	100	0							
362	142	144	2.0	0	90	0.2							
363	144	146	2.0	0	95	0.1							
364	146	148	2.0	0.1	100	0							
365	148	150	2.0	0.1	100	0							
366	150	152	2.0	0.1	95	0.1							
367	152	154	2.0	0.1	100	0							
368	154	156	2.0	0.1	90	0.2							
369	156	158	2.0	0.1	85	0.3							
370	158	160.6	2.6	0.1	95	0.1							
			EOIL										

SYNOPTIC

DDH SD 90-7

UTM Northing:	6112000 m N	Elev.:	1124.7m
UTM Easting:	430310 m E	Depth:	188.1m
GRID North:	122+00 N	Azimuth:	----
GRID East:	87+10 E	Dip:	-90°

Metres (m)

0.0 - 24.4	CASING
24.4 - 39.2	Altered Quartz 'Eye' HORNBLLENDE PLAGIOCLASE PORPHYRY MONZODIORITE(?) (DIORITE?) mod-strong carb-sericite altn, mod. biotite alt., wk epid. altn; <1-1% PY
39.2 - 55.5	Strongly Biotite-Carbonate Altered PLAGIOCLASE PORPHYRY strong biotite-carb altn, weak epid & chlorite altn; tr PY
55.5 - 57.1	Sheared GRAPHITIC CARBONACEOUS & CALCAREOUS ARGILLITE + minor CALCAREOUS CRYSTAL ASH TUFF mod-strong carb. altn; 3-5% PY
57.1 - 60.0	Altered HORNBLLENDE PLAGIOCLASE PORPHYRY MONZODIORITE(?) + minor Quartz 'Eyes' mod. carb-sericite-biotite altn; 1% PY
60.0 - 70.9	SHEAR/FAULT ZONE clay/gouge + rubble/gravel zones; sheared graphitic argillite, and biotite (± hornblende) plagioclase porphyry monzodiorite(?); mod-strong carb. altn; tr-1% PY
70.9 - 72.7	Strongly Altered PLAGIOCLASE PORPHYRY DYKE strong biotite and carbonate altn; tr PY
72.7 - 76.5	CARBONACEOUS & CALCAREOUS ARGILLITE AND CALCAREOUS FELDSPAR CRYSTAL ASH TUFF mod. carb. altn; 7-10% PY
76.5 - 97.4	Strong Pervasive Biotite Altered CALCAREOUS FELDSPAR CRYSTAL ASH TUFF to MULTILITHIC LAPILLI TUFF (locally TUFF-BRECCIA) strong biotite altn, weak chlorite-carb. altn; tr-1% PY
97.4 - 98.9	CARBONACEOUS & CALCAREOUS ARGILLITE + CALCAREOUS CRYSTAL ASH TUFF locally gouge/clay, sheared; 3% PY
98.9 - 105.8	Strong Pervasive Biotite Altered CALCAREOUS MULTILITHIC LAPILLI TUFF-BRECCIA as above (76.5-97.4); strong biotite altn, weak- mod. carb. altn; tr PY

DDH SD 90-7 cont

105.8 - 115.8	Biotite Altered ARGILLITE AND CALCAREOUS CRYSTAL ASH TUFF strong biotite altn; 3% PY
115.8 - 119.0	Intensely Biotite Altered ??? sheared, breccia, gouge/clay healed; strong biotite & carb. altn, mod-strong chlorite altn; tr PY
119.0 - 188.1	Strongly Chlorite Alt. PLAGIOCLASE AUGITE PORPH MONZODIORITE strong chlorite altn, weak epidote & carb. altn; tr PY
188.1	E.O.H.

HOLE NO. SD 90-7

DRILLING CO. QUEST	LOCATION SKETCH - 0 -	DEPTH	TESTS DIP ANGLE	AZIMUTH	DATE STARTED: <u>16/09/90</u>	PROJECT: <u>SNOWSHOE</u>
		COLLAR	<u>-90°</u>	<u>---</u>	DATE COMPLETED: <u>18/09/90</u>	N.T.S.: <u>93 N/1</u>
					COLLAR ELEV.: <u>1124.7 m (3690')</u>	LOCATION: <u>Grid Coords.:</u>
					NORTHING: <u>6112000 N</u>	<u>122+00 N</u>
					EASTING: <u>430310 E</u>	<u>87+10 E</u>
					AZIMUTH: <u>---</u>	
HOLE TYPE <u>DDH</u>					DEPTH: <u>188.1 m (617')</u>	DATE LOGGED: <u>SEPT. 22nd, 1990</u>
					CORE SIZE: <u>NQ</u>	LOGGED BY: <u>DRB</u>

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Firm	STRUCTURE (fractures, faults, folding, bedding, etc.)	REMARKS Mineralization, type, age relations
FROM	TO						
0	24.4	CASING					
24.4	39.2	Altered Quartz 'Eye' Hornblende PLAG PORPH. MONZODIORITE (?) (DIORITE?) light-medium green-grey brownish ~25-35% Plag. Phenocr - visible to coarse gr. Sussanized ~15-25% Matrix - fine gr. ~2-3% Quartz 'Eyes' → round	CB-SE/P/5-7 BT/D/4-5 EP/D/1-2	PY/D/1-1%		LGT/1/1? Gouge/Clay Broken Core Blocky + minor Rubble/Gouge	
(24.4)	28.0						Oxidized (Orange/Rust Stained) Fracture Surfaces
(36.9)	39.2	SHEAR/FAULT ZONE + minor gr.	gr/clay				Rubble & Gravel in gouge/clay (minor blocky parts)

HOLE NO. SD 90-7

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Film	STRUCTURE	Mineralization, type, age, relations
FROM	TO					(Fractures, faults, folding, bedding, etc.)	
39.2	55.5	STRONGLY Biotite-Carbonate ALTERED, PLAG. PORPH (?) Medium red-brown colour (as = 5) + light to brown to yellow-green (as = 2) Relic Sausseritized fine gr. plag phens.	BT-CB/P/3-9 CB/FF/3-4 EP/D/2-3 CH/FF/2	P1/D/Jr.		LCT/85°/2-3 Gneiss/Clay → shear contact Black & Rubby Core	
(39.2)	45.2	predom. Intensely Biotite/ Carbonate Altered	BT-CB/P/9			Red-Brown Coloured	
(45.2)	55.5	predom. Carbonate/Cericite (?) Alt.	CB-SE/P/7-8			Light green coloured; Sausseritized fine gr. Plag phens	
	(44.8)	Calcrete Vln. (Ecm wile) @ 60° to C.A.					
(46.0)	46.6	Gneiss/Clay & Rubble: FAULT/SHEAR ZONE					
(53.4)	55.5	Carbonate (Cericite ?) - Anticryst? Vln. @ 10° to C.A., subparallel to C.A. Irregular & Wavy; Brecciated					

HOLE NO. SD 90-7

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Film	STRUCTURE (Fractures, faults, folding, bedding, etc.)	Mineralization, type, age, relations
FROM	TO						
55.5	57.1	Sheared GRAPHITIC ARGILLITE + minor Crystal Rich Tuff; Calcareous Argillite: Carbonaceous & Calcareous dark grey-black (GS = 2-7) Simply laminated to thinly bedded - (1 cm to 3-5 cm scale)	CB/FF/6-7	PY/D-DB/3-51		LCT/??/? Clay/Gouge Broken Core at both contacts 2-3 cm Clay/Gouge Fine gr. PY dissem. & dissem. along bedding Sheared parallel to bedding & bedding parallel fractures BD/75/2-3 parallel shearing	
	(55.6-5)						
57.1	60.0	Altered HORNBLENDE PLAG. FAN PL. MINERALIZATION (?) + minor Quartz Eyes light brown-green colour (GS = 3-4) ~30-40% medium gr. saussureitic ~10-15% Plagioclase (Hornblende) & 1% Quartz Eyes, rounded 2-5 mm	CB-SE-BT/P-D/5-7	PY/D/1%		LCT/??/? Broken, Rubbly Core Rubbly + Gravel & Splintered Core	
60.0	70.9	SHEAR / FAULT ZONE: Clay/Gouge + P. alk/Gr. Zones Sheared Graphitic Argillite - dark grey-black colour; Carbonaceous & Calcareous Biotite (1% Hornblende) Plag. Hornblende + light-medium grey-green-brown (GS = 3-4)	CB/P/6-8	PY/D/Tc-1%		LCT/60/2 Sheared, near gouge	

HOLE NO. SD 90-7

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Folm	STRUCTURE	
FROM	TO					(Fractures, faults, folding, bedding, etc.)	Mineralization, type, age, relations
(60.0	60.4)	Sheared Argillite; graphitic, gneiss					
(60.4	61.3)	Altered Biotite-Hornblende Plg. Borph. Clay/serp. & Rutile/Quartz * 35-45% fine-medium gr. sod. altered plg. ph. mass * 15-20% Alites - biotite & hornblende (fine gr. acicular)					
(61.3	61.7)	Sheared Argillite, graphitic					
(61.7	66.3)	Altered Biotite-Hornblende Plg. Borph. → Clay/serp. & Rutile/Quartz					
(66.3	70.9)	Sheared Argillite; graphitic, gneiss & Strongly Altered Crystal Rich Tuff (?) → clay/serp.					
70.9	72.7	Strongly Altered Plg. Borph. (Biotite, obscure chilled contacts) medium red-brown color (as + 5) Strong Biotite & Carbonate Alteration * 25-35% Altered fine gr. plg. mass * 15% strongly altered Alites (Biotite & Augite?)	BT/CB/D/7-8 GB/FF/5	PY/D/Tr		LCT/65°/3 chilled, continuous contact	

HOLE NO. SD 90-7

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Film	STRUCTURE	
FROM	TO					(Fractures, faults, folding, bedding, etc.)	Mineralization, type, age, relations
72.7	76.5	CARBONACEOUS & CALCAREOUS ARGILLITE + CALCAREOUS FE-OSPHR CRYSTAL Tuff: light grey colour (G.S. 4) Argillite: laminated & bedded	CB/FF/4	PY/D-DB/7-10%		LCT/?/? vague, gradational to Ash-Lypill. Tuff	
	(@ 73.0)					BD/75°/3	
(73.6	73.8)	SHALE/FINEST; Clay/Fine/Grange					
	(@ 74.6)					SD/70°/2	
76.5	97.4	Strong Perovskite Biotite Alteration CALCAREOUS FE-OSPHR CRYSTAL ASH TUFF to LITHIC LARINA TUFF (locally Tuff-Preccia) medium brown, red-brown colour (G.S. 5-6) Frag: Subangular to rounded - fine gr. Biotite Alt. Frag. Biotite - fine-medium gr. Clay Frag. with calcite filled amygdaloids (0.2-0.7 cm, round; ~ 5% amygdaloids) - Aphanitic Biotite Alt. Volcanic frags - more subangular Argillite frags	BT/F/9 CH-CB/FF/3	PY/D/T-1%		LCT/75°/2 Irregular	
	(@ 90.3)	Shale/Fault (Fine clay/grange)	± 75° to C.A.				



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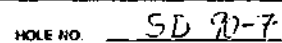
DRILL HOLE NO. SD 90-7

HOLE NO. SD 90-7

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Firm	STRUCTURE	Mineralization, type, age, relations
FROM	TO					(Fractures, faults, folding, bedding, etc.)	
105.8	115.8	BIOTITE ALTERED ARGILLITE + CALPHEON'S CRISTAL ASH TUFF light brown-grey colour (grs 4-6) Laminated & Bedded Argillite & Tuff	BT/P/8	PY/D-DB/3%		LCT/?/? wavy; minor gouge; Shallow Contact Bucky, Ribby + minor quartz; Breccia Core	
	(@ 106.4)					BD/75°/2	
	(@ 107.5)					BD/75°-20°/2	
	(@ 113.2)					BD/75°-20°/3	
	(@ 114.3)					BD/80°/3	
115.8	119.0	INTENSELY BIOTITE ALTERED medium brown colour Sieved; Breccia, gouge/clay fill	BT-CB/P/8 CH-CE/FF/6	PY/D/Tr		LCT/?/?	
	(@ 118.8)					SHR/25°/3	

HOLE NO. SD 90-7

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Firm	STRUCTURE (Fractures, faults, folding, bedding, etc.)	
FROM	TO					Mineralization, type, age, relations	
119.0	188.1	Strongly Chlorite Altered Pink Apatite Porphy. Monzodiorite medium green colour (GS=5) ~ 20-30% fine gr. (minor anal. gr.) Apatite, phenocrysts, feldspar strongly chlorite altered. ~ 15-25% plagioclase (fine gr., lath shape)	CH/P/9 EP/FE-D/1-3 CB/FF/3	PY/D/Ti		Consistent Homogeneous Unit, appears Inters. & feature	
(139.8)	140.5	Chlorite/Carbonate & Gouge/Clay	EP/FE; what-Mod rate Epd Alt.				
(143.4)	145.4	Chlorite + minor gouge Shear					
(146.9)	148.4	Plagioclase Porphy. Monzodiorite (Dyle) medium grey coloured granular lvs. ~ 45-55% fine-medium gr. Plagioclase ~ 10% fine grained matrix (Monzodiorite)	EP-CH/D/2 Phos (lath, tabular & equant shape)	PY/D/Ti		UCT/20°/1 Wavy & Irregular LCT/?/? Broken Core Weakly Altered.	
(2149.4)		Epil. Alt. Apatite. Volcanic Frag. (5x7 cm, subangular)					
(151.3)	152.1	Carbonate/Chlorite + minor Quartz Irregular Carbonate/Quartz Veins	iz Shear			SHR/30°/2	
(2153.1)		Carbonate/Chlorite Shear (7.0 cm wide + minor gouge)				SHR/30°/2	



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DRILL HOLE NO. SD 20-7



SNOWSHOE SD-90-07

DRILL LOG

sample data

SAMPLE					CORE RECOVERY		VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS					
NUMBER	FROM	TO	TOTAL METRES	MS.	%	AMT LOST							
74371	24.4	26	1.6	0.1	81	0.3							
372	26	28	2.0	0	80	0.4							
373	28	30	2.0	0.1	85	0.3							
374	30	32	2.0	0	90	0.2							
375	32	34	2.0	0	95	0.1							
376	34	36	2.0	0	95	0.1							
377	36	38	2.0	0.1	100	0							
378	38	40	2.0	0.1	95	0.1							
379	40	42	2.0	0	100	0							
380	42	44	2.0	0.1	100	0							
381	44	46	2.0	0	100	0							
382	46	48	2.0	0	90	0.2							
383	48	50	2.0	0.1	100	0							
384	50	52	2.0	0.1	100	0							
385	52	54	2.0	0	95	0.1							
386	54	56	2.0	0	100	0							
387	56	58	2.0	0	90	0.2							
388	58	60	2.0	0	90	0.2							
389	60	62	2.0	0.1	95	0.1							
390	62	64	2.0	0.1	95	0.1							
391	64	66	2.0	0	90	0.2							
392	66	68	2.0	0	80	0.4							
393	68	70	2.0	0	95	0.1							
394	70	72	2.0	0.1	100	0							
395	72	74	2.0	0	95	0.1							
396	74	76	2.0	0	100	0							



SD 90-07

DRILL LOG

sample data

SAMPLE					CORE RECOVERY		VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS					
NUMBER	FROM	TO	TOTAL METRES	MS	%	AMT LOST							
74397	76	78	2.0	0	100	0							
398	78	80	2.0	0	90	0.2							
399	80	82	2.0	0.1	100	0							
400	82	84	2.0	0	95	0.1							
401	84	86	2.0	0	95	0.1							
402	86	88	2.0	0.1	90	0.2							
403	88	90	2.0	0	100	0							
404	90	92	2.0	0	95	0.1							
405	92	94	2.0	0	90	0.2							
406	94	96	2.0	0	100	0							
407	96	98	2.0	0	100	0							
408	98	100	2.0	0	100	0							
409	100	102	2.0	0.1	95	0.1							
410	102	104	2.0	0	100	0							
411	104	106	2.0	0	95	0.1							
412	106	108	2.0	0	100	0							
413	108	110	2.0	0	90	0.2							
414	110	112	2.0	0	75	0.5							
415	112	114	2.0	0.1	100	0							
416	114	116	2.0	0.1	95	0.1							
417	116	118	2.0	0	95	0.1							
418	118	120	2.0	0.1	95	0.1							
419	120	122	2.0	0	100	0							
420	122	124	2.0	0	95	0.1							
421	124	126	2.0	0	100	0							
422	126	128	2.0	0.1	100	0							

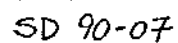


SD 90-07

DRILL LOG

sample data

SAMPLE					CORE RECOVERY		VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS					
NUMBER	FROM	TO	TOTAL METRES	MS.	%	AMT LOST							
74423	128	130	2.0	0	100	0							
424	130	132	2.0	0	100	0							
425	132	134	2.0	0	100	0							
426	134	136	2.0	0	100	0							
427	136	138	2.0	0	95	0.1							
428	138	140	2.0	0	100	0							
429	140	142	2.0	0.1	100	0							
430	142	144	2.0	0.1	100	0							
431	144	146	2.0	0	95	0.1							
432	146	148	2.0	0	100	0							
433	148	150	2.0	0	100	0							
434	150	152	2.0	0.1	100	0							
435	152	154	2.0	0.2	100	0							
436	154	156	2.0	0.1	95	0.1							
437	156	158	2.0	0	95	0.1							
438	158	160	2.0	0.1	100	0							
439	160	162	2.0	0	100	0							
440	162	164	2.0	0	100	0							
441	164	166	2.0	0.3	100	0							
442	166	168	2.0	0.4	100	0							
443	168	170	2.0	0.5	100	0							
444	170	172	2.0	0.5	100	0							
445	172	174	2.0	0.1	100	0							
446	174	176	2.0	0.4	100	0							
447	176	178	2.0	0.5	100	0							
448	178	180	2.0	0.4	100	0							



DRILL LOG

sample data

1000

SYNOPTIC

DDH SD 90-8

UTM Northing:	6111700 m N	Elev.:	1179.6m
UTM Easting:	430400 m E	Depth:	44.8m
GRID North:	119+00 N	Azimuth:	270°
GRID East:	88+00 E	Dip:	-45°

Metres (m)

0.0 - 9.8	CASING
9.8 - 14.4	MONZODIORITE(?) + Quartz 'Eyes' strongly FeOx frac surfaces; mod carb-sericite altn; tr PY
14.4 - 15.6	CARBONACEOUS ARGILLITE and minor CRYSTAL ASH TUFF laminae oxidized fracture surfaces; 1-2% PY
15.6 - 23.0	MONZODIORITE(?) + Quartz 'Eyes' as above (9.8-14.4); oxidized frac surfaces; mod. carb-sericite altn; tr PY
23.0 - 31.6	CALCAREOUS & CARBONACEOUS ARGILLITE AND CALCAREOUS CRYSTAL ASH TUFF locally sheared graphitic argillite; 10% PY
31.6 - 44.8	SHEAR/FAULT ZONE sheared argillite, graphitic; 2-5% PY
44.8	E.O.H.



DRILLING CO.

QUEST

HOLE TYPE DDH

LOCATION SKETCH

- N -

DEPTH

COLLAR

TESTS

DIP ANGLE

-45°

No TEST

AZIMUTH

270°

DATE STARTED:

18/09/90

DATE COMPLETED:

19/09/90

COLLAR ELEV.:

1177.6m (3870')

NORTHING:

6111700 N

EASTING:

430400 E

AZIMUTH:

270°

DEPTH:

44.8m (147')

CORE SIZE:

NQ

HOLE NO. SD 90-8

PROJECT:

SNOWSHOE

N.T.S.:

93 N/1

LOCATION:

Grid Coords:

119+00 N

88+00 E

DATE LOGGED:

SEPT: 24th, 1990

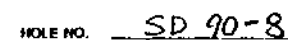
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DRB

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Firm	STRUCTURE	REMARKS
FROM	TO					(fractures, faults, folding, bedding, etc.)	Mineralization, type, age relations
0	9.8	CASING					
9.8	14.4	MONZODIORITE (?) + QUARTZ EYES light green, green-grey (gs=3) ~45-55% fine gr. ph. phen ~10% fine gr. mafics (acicular) Minor (<<1%) Quartz Eyes	CB-SE/P/5 Hornblende(?) + Biotite? (Round 0.1-0.4 cm)	PY/D/Tr.		LCT/?/? Sheared; gouge/clay Blocky Broken Core Strongly Oxidized Fracture Surfaces	
(14.0	14.2)	Quartz (& Carbonate) vein; Shale	broken contacts				
14.4	15.6	CARBONACEOUS ARGILLITE + minor CRYSTAL ASH TUFF matrix Argillite: finely laminated, grey Oxidized fracture surfaces		PY/D/1-2%		LCT/?/? Shear/Fault Zone; Broken Core Gouge/Clay & Rubble/Grauel	

HOLE NO. SD 90-8

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Firm	STRUCTURE	Mineralization, type, age, relations
FROM	TO					(Fractures, faults, folding, bedding, etc.)	
15.6	23.0	MINZODIORITE (?) + QUARTZ EKG light green, green-gray (G5=4) same as 2.8-14.4 2-5-55% fine gr. Plag. Phenocrysts 2-10% McFies (Hornblende?) 2-1-1% Quartz EKGs (1-5mm, round)	SE-CB/P/S	PY/D/Tr.		LCT/55°/2 Irregular & lumpy SHEAR/Fault Zone 2 gauge/clay + rubble/gravel Ruled Fracture Surfaces	
(15.6)	19.9)	SHEAR/FAULT ZONE:	Gauge/Clay + Rubble/Gravel				
23.0	31.6	CALICAREOUS & CARBONACEOUS ARGILLITE + CALICAREOUS CRYSTALLINE TUFF (Volcaniclastic Siltstone) Argillite: thin, laminated (cm scale) dark gray-black (G5=9) Ash Tuff: light gray colour (G5=3) SHEAR/FAULT ZONE: Blocky, Rubby, Gravel + Gauge/Clay		PY/D-DB/10%		Fine, discom. PY and discom. along bedding Locally sheared Graphitic Argillite	
	(@23.4)					BD/60°/2	
	(@24.8)					BD/60°/2	
	(@26.2)					BD/60°/3	



PAGE 3 OF 3

DRILL HOLE NO. SD 90-8



DRILL LOG

sample data

PAGE 1 OF 1

DRILL HOLE NO SD-910-02

SYNOPTIC

DDH SD 90-9

UTM Northing:	6111200 m N	Elev.:	1161.3m
UTM Easting:	430025 m E	Depth:	194.2m
GRID North:	114+00 N	Azimuth:	270°
GRID East:	84+25 E	Dip:	-57°

Metres (m)

0.0 - 3.7	CASING
3.7 - 9.4	MULTILITHIC LAPILLI TUFF-BRECCIA: Tectonic Breccia oxidized fracture surfaces; mod-strong carb-sericite (clay) altn; <1-1% PY
9.4 - 12.5	PLAGIOCLASE PORPHYRY LATITE/DACITE DYKE mod-strong carb-sericite altn; 1% PY
12.5 - 17.7	CALCAREOUS MULTILITHIC LAPILLI TUFF + minor ARGILLITE & FELDSPAR CRYSTAL ASH TUFF mod-strong carb-sericite altn; 10-15% PY
17.7 - 27.2	CALCAREOUS & CARBONACEOUS ARGILLITE + CALCAREOUS FELDSPAR CRYSTAL ASH TUFF + CALCAREOUS LITHIC LAPILLI TUFF (20%) mod-strong carb-sericite altn; 12-15% PY
27.2 - 38.0	CALCAREOUS MULTILITHIC LAPILLI TUFF + CRYSTAL ASH TUFF moderate carbonate altn; 8% PY
38.0 - 51.6	CALCAREOUS & CARBONACEOUS PYRITIC ARGILLITE (65%) + CALCAREOUS CRYSTAL ASH - LAPILLI TUFF (35%) minor graphitic argillite; mod. carb-sericite altn; 15% PY
51.6 - 53.3	PLAGIOCLASE PORPHYRY LATITE DYKE mod. chlorite-carb-sericite altn; tr PY
53.3 - 55.3	CALCAREOUS & CARBONACEOUS PYRITIC ARGILLITE + minor CALCAREOUS FELDSPAR CRYSTAL ASH-LAPILLI TUFF (20%) finely laminated & bedded (mm - 2.5cm scale); 15% PY
55.3 - 72.2	CALCAREOUS CRYSTAL ASH TUFF to LITHIC LAPILLI TUFF & minor MULTILITHIC TUFF-BRECCIA + very minor ARGILLITE mod. carb-sericite (clay)-chlorite altn; 2-5% PY
72.2 - 86.6	CALCAREOUS FELDSPAR CRYSTAL ASH TUFF + minor CALCAREOUS LITHIC LAPILLI TUFF & very minor ARGILLITE laminae (<3%) mod. chlorite-carbonate sericite (clay) altn; <1-2% PY
86.6 - 98.4	SHEAR/FAULT ZONE: Tectonic Breccia Intensely altered Lapilli Tuff and plagioclase porphyry fragments + augite porphyry & volcaniclastic siltstone frags clay/gouge matrix; strong carb-sericite-clay altn; tr PY

DDH SD 90-9 cont

- 98.4 - 105.7 MULTILITHIC LAPILLI TUFF BRECCIA
mod. chlorite-carb altn and weak epidote altn; tr PY
- 105.7 - 126.2 Epidote Altered PLAGIOCLASE PORPHYRY LATITE FRAGMENTAL
mod-strong chlorite altn, mod. epid. altn, weak hematite-
talc-carb altn; tr CPY, tr PY, tr MT
- 126.2 - 130.5 FRAGMENTAL: MULTILITHIC LAPILLI TUFF-BRECCIA
mod. epidote altn; weak carb-chlorite-hematite-talc altn;
tr PY, tr CPY
- 130.5 - 137.8 AUGITE PLAGIOCLASE PORPHYRY LATITE
mod. chlorite altn; weak carb-epidote altn; tr PY
- 137.8 - 150.1 FRAGMENTAL: MULTILITHIC LATITE LAPILLI TUFF-BRECCIA
mod chlorite-carb altn; weak epid altn; tr-1% PY, tr CPY
- 150.1 - 152.6 SHEAR/FAULT ZONE
Strongly Altered Carbonate-Chlorite Shear: altered latite
tuff + minor plagioclase porphyry fragments;
strong chlorite-carb-clay altn; tr PY
- 152.6 - 168.6 MULTILITHIC LATITE LAPILLI CRYSTAL ASH TUFF +
LATITE TUFF-BRECCIA
mod. chlorite-epidote altn; weak carb altn; tr PY, tr CPY
- 168.6 - 176.0 SHEAR ZONE: Subparallel Shear (0-10° to C.A.)
Intensely altered Crystal Ash-Lapilli Tuff; 45-55% carb.;
30-35% chlorite and sheared tuff; 3% quartz; very strong
carb-chlorite-sericite altn; tr PY
- 176.0 - 178.7 Altered MONZODIORITE DYKE(?)
weak-mod. carb-sericite(clay)-chlorite altn; tr PY
- 178.7 - 184.5 FELDSPAR CRYSTAL ASH LATITE TUFF + minor PLAGIOCLASE
PORPHYRY (± amygdules, ± augite) FRAGMENTS
mod-strong carb-sericite altn; mod chlorite altn; tr PY
- 184.5 - 194.2 SHEAR ZONE + Tectonic Breccia
chlorite-clay-carbonate Gouge + Intensely altered Tuff
Breccia fragments; locally moderate-strongly magnetic
altered plagioclase porphyry; tr PY
- 194.2 E.O.H.

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Film	STRUCTURE (fractures, faults, folding, bedding, etc.)	REMARKS Mineralization, type, age relations
FROM	TO						
0	3.7	CASING					
3.7	9.4	MULTILITHIC LAPILLI TUFF - BRECCIA; Textured Breccia Lithic frags: <1 to 35 cm, subangular - subrounded (many rounded frags); Medium green, green grey (as 4-5) - Augite Plag. Porph. Latite - Plag. Porph. Latite, altered - altered aphanitic volcanic	CB-SE (clay)/P/5-7 CB/FF/3 FeOx/FF/8-9	PY/D/1-1%	7-12/m 20°-30° 145° to CA.	LGT/50°/3	Wavy, sharp chilled dip/sed control
(3.7	9.4)	Oxidized, (Rusty Orange stain)	fracture surfaces				

HOLE NO. SD 90-9

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Fibre	STRUCTURE (Fractures, faults, folding, bedding, etc.)	Mineralization, type, age, relations
FROM	TO						
9.4	12.5	P. & G. Porphy. Latite / D. & E. D. & E.: light green-grey (65-75%) ~30-35% matrix (P. & G. Porphy) (tabular & equant shape) + 1% Quartz (0.2-0.5 mm, com.)	CB/FF/7 CB-SE/P/6	PY/D-FF/1%		LCT/60°/3 sharp PY dissem and as hair-like fracture fill	
(10.0)	(12.0)	Blocky, Rubby, Gravel + Gravel	FLT/SHR ZONE				
(11.8)	(12.0)	Gravel/Clay: Shear Zone				SHR/30°/3	
12.5	17.7	CALCAREOUS LITHIC LAPILLI TUFF + minor ARGILLITE & FELDSPAR CRYSTAL ASH TUFF D. & E.: light green-grey (60-70%) Lithic Fragments: 0.2-4.0 cm, - P. & G. Porph. frags (sanitized P. & G. Porph.) Latite(?) - aphanitic volcanic (latite) frags & volcaniclastic(?)	CB-SE/P/7-8	PY/D/10-15%		LCT/?/? Broken Core PY: very fine gr.; dissem. in calcareous matrix and in lithic frags; occasionally quite aphanitic	
(12.5)	(13.4)	Sheared Graphitic Argillite & Crystal Ash Tuff, clay	Gravel/Clay (12.8-13.2) graphitic			SHR/55°-60°/2-3 Rindling parallel shearing	
(15.8)	(16.0)	SHR/FLT ZONE: Gravel/Clay	Gravel				



HOLE NO.

SD 90-9

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Firm	STRUCTURE	Mineralization, type, age, relations
FROM	TO					(Fractures, faults, folding, bedding, etc.)	
17.7	27.2	CALCAREOUS & ARGILLACEOUS ARGILLITE + CALCAREOUS FELDSPAR CRISTALLINE ASH TUFF + CALCAREOUS LITHIC LACUNA TUFF (20%) Argillite: dark grey-black (GS=3) Laminated & bedded; Graphitic shered argillite. Tuff: light grey-green-yellow (GS=4)	CB-SE/P/7	PY/D-DB/12-15 PY/FE/15		LCT/65°/2. Shered to joints PY: finely disseminated in disseminated along bedding scattered PY in horizontal fractures.	
	(18.0)					BD/45°/2-3	
	(19.2)					BD/45°-50°/2 bedding parallel fractures	
	(20.3)					BD-DB/60°/3 PY disseminated along bedding	
	(22.1)					BD-DB/60°/1	
	(24.5)					BD/55°/2	
(22.6)	23.0	SHE/FLT ZONE with gouge/clay & clay/carbonate loaded fractures					
	(26.2)					BD-DB/55°/3	
(26.7)	27.2	Shered, Brecciated Graphitic Carbonate filled Breccia; Black gouge, graphitic	Argillite				

HOLE NO. SD 90-9

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Firm	STRUCTURE	Mineralization, type, age, relations
FROM	TO					(Fractures, faults, folding, bedding, etc.)	
27.2	38.0	Calcareous Limestone Tuff + CRYSTAL ASH Tuff light-medium grey-green to tan begin (GS=3-5) Lith. frags: 0.2-5.5 cm, subangular to subrounded, often - plug porph. frags; Aphanitic matrix	CE/FF/1-6	PY/D/7% PI/FF/1%		LCT/?/1? Broken Core Finely dissem. PY and laminae fine fill	
(27.2)	28.2	Crystal Ash Tuff + minor Argillite	to as frags & in matrix				
(33.8)	36.7	Tuffaceous Breccia: Carbonate Hatched Fault Breccia minor gneiss/clay (33.7-34.8); Brecciated light tan-grey (GS=3)					
(37.3)	39.0	Kapic All. Plug Porph Breccia (lith. ash?) frags Subspherical plug phases	K/P/5				
	(237.6)	minor gneiss/clay; Lith: FEL/SIR					
38.0	51.6	Calcareous + Carbonaceous PYRITIC ARGILLITE (65%) + Calcareous CRYSTAL ASH-LAARU TUFF (55%) Tuff: light grey-green-yellow (GS=3) Argillite: dark grey black (GS=9) + minor Graphitic Argillite (where shinned)	CB-SE/P/6	PY/D-DB/15%		LCT/40°/2 sharp, Intensive (Dyke) Contact Finely dissem. PY and laminae PY (1-4 mm) + dissem. PY along bedding	

HOLE NO. SD 90-9

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Folm	STRUCTURE	
FROM	TO					(Fractures, faults, folding, bedding, etc.)	Mineralization, type, age, relations
	(@ 38.4)					BD/55°/3	
(40.6	49.0)	SHR/FLT ZONE: 80% fault disrupted bedding; Carbonate	affected; Graphitic Argillite Haked Breccia; Rubble & minor Clay/Gouge			Blocky, Rubble, minor Clay/Gouge	
	(@ 40.5)					BD/60°/2	
	(@ 44.0)					BD/80°/2	
	(@ 50.6)					BD/50°/2	
	(@ 51.5)					BD/45°/1	
51.6	53.3	Pink. PORPH. LPTITE (?) (Dmx?) light green colour (as = 3) * 25-35% fine-medium gr. plag. phenos (fibular & equant shape) * 5-7% Chlorite altered fine gr. matrix (with Hatched?)	CH/D-FF/5 CB-SE/P/4 Botite Alt.?	PY/D/Tc		LCT/?/? Broken Core, minor gouge	

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Firm	STRUCTURE (Fractures, faults, folding, bedding, etc.)	Mineralization, type, age, relations
FROM	TO						
53.3	55.3	CALCAREOUS & CARBONACEOUS PYRITIC ARGILLITE + minor CALCAREOUS FELDSPAR CRYSTAL ASH - LAPILLI TUFF (~20%) Argillite: finely laminated to bedded (cm-2.5 cm scale)		PY/D-DB/15%		LCT/?/? vague, broken core	
	(#53.5)					BD-DB/45°/3	
	(#54.0)					BD/40°/3	
	(#54.3)					BD-DB/45°/3	
55.3	72.2	CALCAREOUS CRYSTAL ASH TUFF to LITHIC LAPILLI TUFF and minor MULTILITHIC TUFF - BRECCIA + very minor Argillite laminae light-medium grey-green (Gs=3-5) Fossils: subrounded - subangular - altered Plag. fsp. Lignite(?) - altered Plag. fsp. Monoclinite(?) - aphanitic volcanic latite + minor calcite, amygdale filled Latite(?)	CB-SE(Ch)/P/5 CB-CH/FF/3	PY/D/2-5% PY/FF/<1-1%		LCT/?/? Generally Blocky & Rubbly + minor Clay/Gouge Struct. Fault Zones	



HOLE NO SD 90-9

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Folm	STRUCTURE (Fractures, faults, folding, bedding, etc.)	Mineralization, type, age, relations
FROM	TO						
(55.3	56.6)	Calcareous Feldspar Crystal Ash miner (~5%) Argillite laminae	Tuff +				
	(#55.6)					BD/40°/2	
(56.6	58.5)	SHR/FLT ZONE: Clay/Gouge strongly altered calcareous Crystal Ash Tuff (?)	+ Rubble			UCT/70°/2 LCT/45°/2-3	
(58.5	62.0)	Fragmental: Multilithic Tuff-Breccia (<0.5 to 25 cm frags) Alt. Plag. Porph (fine gr) Latite (?) Alt. Plag. Porph (fine-medium gr) Monodiorite (?) light green aphanitic Volcanic Latite					
(62.0	72.2)	SHEAR/FAULT ZONE & Tectonic Carbonate Beaked Breccia Clay/Gouge & Rubble Strongly altered Feldspar Crystal & minor Tuff-Breccia + minor	Ash to Calcareous (black gouge) sh	PY/D-FF/<1-3%		UCT/60°/2 Gouge/Clay LCT/?/? vague (in/out of fault affected Tuff)	
72.2	86.6	CALCAREOUS FELDSPAR CRYSTAL ASH TUFF + minor Calcareous Lithic Lapilli Tuff & very minor Argillite laminae (~3%) Light grey-green colour (GS=3)	CH/FF/6 CB-SE(Cl)/P/S-7	PY/D/<1-2% PY/FF/<1%		LCT/?/? vague into strongly altered SHR/FLT Zone Chert sh. Fracture Surfaces (1/2 Slickensides)	

HOLE NO. SD 90-9

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Folm	STRUCTURE	Mineralization, type, age, relations
FROM	TO					(Fractures, faults, folding, bedding, etc.)	
	(72.3)					BD/70°/2	
(74.7	75.0)	finely laminated Argillite				BD/65°/3	
(75.9	76.4)	Shear/Fault Zone: Clay/Gouge + Sheared Graphitic Argillite (thick gouge)					
	(76.8)					BD/25°-30°/1	
(77.7	82.0)	Tectonic Breccia, Carcous (altered open space, carbonate weathered out, fracs) Chlorite & Clay/Gouge matrix & fine fill.					
	(79.0)					BD/20°/1	
(83.7	84.8)	Tectonic Brecciated Tuff: Clay/Gouge/Carbonate Matrix					
86.6	93.4	SHEAR/FAULT ZONE: Tectonic Breccia; Intensely altered Lapilli Tuff & Plag. Porph. frags + Augite Porph. & Volcaniclastic Siltstone Frags: Frags: <0.5 to 7.0 cm Angular to rounded in a Clay/Gouge Matrix + Carbonate/Sericite; Strong Alteration; Light grey, grey-green, cov. (as = 3)	CB-SE-Cu/Pl/8-9	PY/D/Ti.		LCT/?/? gradual out of intense fault zone Clay/Gouge/Carbonite/Sericite Alt. Splintered & lumpy core.	

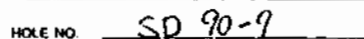
HOLE NO. SD 90-9

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Film	STRUCTURE	
FROM	TO					(Fractures, faults, folding, bedding, etc.)	Mineralization, type, age, relations
(86.6	86.8)	Calcite Shear + Chlorite c 30' to c.a. Hm/FF/3	Py/FF/3-5%				
	(91.8)	Calcite Shear + minor Chlorite (c 30-35% c.a. 7cm wide)	Py/FF/3%				
98.4	105.7	LITHIC LAPILLI TUFF - BRECCIA medium green colour (GS = 5-6) Frgs: <0.5 - 30.0 cm. subrounded - subangular - fine gr. Plag. Perph. Monzonite - medium gr. Plag. Perph (w/ Calcite filled amygdulose) Latite (?) - minor Epidote Altered Plag. phenos - aphanitic Volcanic Latite (?) frags - medium gr. Augite (?) Perph frags	CH/P-FF/5-6 EP/D/2 CB/FF/3-4	Py/D/Tc Abn Mgretic		LCT / ? / ?	gradational to Fragmental Unit
(100.6	102.4)						Rubby, Splintered Core (+ minor gouge)
(104.8	105.6)	SHEAR / FULT ZONE: Clay / Gouge / Chlorite Shear; Textonic Breccia					Clay / Gouge Rubble & Gravel; Broken Core



PAGE 10 OF 14

DRILL HOLE NO. SD 90-7



DRILL HOLE NO. SD 70-9



HOLE NO. SD 90-9

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Frm	STRUCTURE	
FROM	TO					(Fractures, faults, folding, bedding, etc.)	Mineralization, type, age, relations
137.8	150.1	MULTILITHIC LATITE LAPILLI TUFF-BRECCIA: FRAGMENTAL medium green colour (GS=5-7) Frgs (0.2-45.0cm): Angular + rounded (generally subangular-subtriangular) Lithic Frgs: Altered fine-medium gr. Plag. Porph. Chlorite - Microcline(?) - altered Medium gr. Augite (+/- calcite filled amygdaloids) + - fine gr. Plag. Porph. Microcline(?) +/- fine CPY in alt. frags. - altered Augite Porph. frags. (fine-medium gr.) Latite(?) - fine to medium gr. Augite + Plag. Porph. Latite(?) Frags (1/2 calcite filled amygdaloids) +/- tr. CPY in alt. Augite & calcite filled amygdaloids Groundmass: aphanitic Epidote Altered (blk-strom) + Lapilli size rock frags (angular-subangular) + shards.	CH/P/S-6 CB/FF/4 EP/D/2-4	PY/D/1-1% CPY/D/tr.		LCT/?/? vague, Sheared	
(140.6)	(141.5)	SHEAR/FAULT ZONE: Clay/Chlorite/Carbonate/Gouge Zone					
(141.5)	(141.7)	Calcite/Chlorite Shear		PY/D/7-10%		Increased PY dissem. + Alt. PY(?) 0.3mm round red-brown spots(?)	
(141.8)	(150.1)	SHEAR/FAULT ZONE: Sphalerite, Blcky Core				Blcky/Rully + minor Clay/Chlorite/Carb./Gouge	
150.1	152.6	SHEAR/FAULT ZONE: Strongly Altered CARBONATE- CHLORITE SHEAR: Altered Latite Tuff + minor Plag. Porph. Frags	CH-CB-CLAY/FF-P/8	PY/D/tr.		LCT/?/? Broken Core CARBONATE/CHLORITE + CLAY/GOUGE Blcky & Rully SHR/10'-15'/1	



HOLE NO. SD 90-9

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Frm	STRUCTURE	Mineralization, type, age, relations
FROM	TO					(Fractures, faults, folding, bedding, etc.)	
152.6	168.6	LITHIC LATITE LAPILLI CRYSTAL ASH TUFF + LATITE TUFF-BRECCIA medium green colour (45-5) Groundmass: chlorite altered biotite (medium gr.; ~5%) Predom.: (lapilli Ash Tuff) frags subangular to subrounded; Plg Tuff-Breccia: Frags up to 25.0 - fine-medium gr. Plg - 5-10% calcite + - (40-55% Plg - aphanitic volcanic - medium gr. Augite	CH-EP/P/4-5 CB/FF/2-3	PY/D/tr. CPY/D/lt. (very minor)		LCT/10'/1 Broken Core PY dissem. trace, but locally in altered plg. porph. frags. may contain up to 2-3% dissem PY	
(159.8)	160.3	Coarsening Upward Sequence: Weakly laminated Latite Ash to Latite Lapilli Ash Tuff	Tuff (Volcaniclastic??) to Lithic Lapilli	Latite Tuff			
	(@160.2)					BD/55'/3 Weakly laminated Latite Tuff	
168.6	176.0	SHEAR ZONE: Subparallel Shear (0-10° to CA.) Intensely Altered Crystal Ash-Lapilli Tuff: ~45-55% ~30-50% Chlorite + Shearal Tuff	CB-CH-SE/P/9-10 carbonate ~3% Quartz	PY/D/tr.		LCT/?/? Broken Core SHR/0-10'/3	



HOLE NO. SD 90-9

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Folm	STRUCTURE	
FROM	TO					(Fractures, faults, folding, bedding, etc.)	Mineralization, type, age, relations
176.0	178.7	Altered MONZODIORITE (Dyke?) light-medium green grey (gs=4) #45-60% fine gr. (minor med. gr.) Plag. Phenos → Moderate - Strongly Sausseritized. #10-15% fine gr. Chlorite Alt. Phos (Ultrabasic? + Biotite fill.)	CB-SE-CH(ly)/D/34 CB/FE/2-3	PY/D/tr.		LCT/60°/2 wavy & irregular	
178.7	184.5	FELDSPAR CRYSTAL ACH LATITE TUFF + minor PLAG PORPH (+/- Amygdaloids +/- Augite) - Frags. medium green-grey colour (gs=4) #5-7% Biotite (Chlorite Alt.) #10% Fragments (1-8 cm, subrounded): - Plag. Porph. Latite - Augite Porph. Latite	CB-SE/P/6-7 CH/D/4-5	PY/D/tr-1/2 biotite flakes 1-6 mm calcite-filled amygdaloids Plag. Porph. Monzodiorite(?) frags		LCT/15°/3 shear contact	
184.5	194.2	SHEAR ZONE + Tectonic Breccia Chlorite - (ly) - Carb. Group + Intensely Alt. Tuff Brecc. frags.	CH-CB-SE-GM/P/10	PY/D/tr.		SHR/0-10°/3 Predominant Shear + Slicks SHR/30-40°/3 Shear + Slickensides	
(186.0)	(187.9)	Open Space: Weathers out	Carbonate				
(187.9)	(189.0)	Augite: (Hd-Stony); Alt. Plag. Porph.	SI/F/4	MT/D/tr.		Ruflish-grey coloured; Variably Magnetic	



SNOWSHOE SD 90-09

DRILL LOG

sample data

SAMPLE					CORE RECOVERY		VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS					
NUMBER	FROM	TO	TOTAL METRES	MS.	%	AMT LOST							
74467	3.7	6	2.3	.1	87	0.3							
468	6	8	2.0	0	85	0.3							
469	8	10	2.0	0.1	40	0.2							
470	10	12	2.0	0	75	0.5							
471	12	14	2.0	0.1	95	0.1							
472	14	16	2.0	0.3	100	0							
473	16	18	2.0	0.2	100	0							
474	18	20	2.0	0.1	95	0.1							
475	20	22	2.0	0.1	100	0							
476	22	24	2.0	0	100	0							
477	24	26	2.0	0.1	100	0							
478	26	28	2.0	0.1	100	0							
479	28	30	2.0	0.1	100	0							
480	30	32	2.0	0.1	100	0							
481	32	34	2.0	0	100	0							
482	34	36	2.0	0	100	0							
483	36	38	2.0	0	100	0							
484	38	40	2.0	0	90	0.2							
485	40	42	2.0	0	95	0.1							
486	42	44	2.0	0.1	90	0.2							
487	44	46	2.0	0.1	100	0							
488	46	48	2.0	0	95	0.1							
489	48	50	2.0	0	95	0.1							
490	50	52	2.0	0.1	95	0.1							
491	52	54	2.0	0	100	0							
492	54	56	2.0	0.1	90	0.2							



SD 90-09

DRILL LOG

sample data

SAMPLE					CORE RECOVERY		VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS					
NUMBER	FROM	TO	TOTAL METRES	M.S.	%	AMT LOST							
74493	56	58	2.0	0	90	0.2							
494	58	60	2.0	0	95	0.1							
495	60	62	2.0	0	90	0.2							
496	62	64	2.0	0	100	0							
497	64	66	2.0	0	100	0							
498	66	68	2.0	0.1	95	0.1							
499	68	70	2.0	0	100	0							
500	70	72	2.0	0	100	0							
501	72	74	2.0	0	95	0.1							
502	74	76	2.0	0	90	0.2							
503	76	78	2.0	0	100	0							
504	78	80	2.0	0	100	0							
505	80	82	2.0	0	95	0.1							
506	82	84	2.0	0.1	100	0							
507	84	86	2.0	0	100	0							
508	86	88	2.0	0	100	0							
509	88	90	2.0	0.1	100	0							
510	90	92	2.0	0.1	95	0.1							
511	92	94	2.0	0.1	100	0							
512	94	96	2.0	0.1	95	0.1							
513	96	98	2.0	0	100	0							
514	98	100	2.0	0	100	0							
515	100	102	2.0	0.1	90	0.2							
516	102	104	2.0	0	95	0.1							
517	104	106	2.0	0	100	0							
518	106	108	2.0	0.2	100	0							

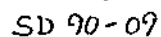


SD 90-09

DRILL LOG

sample data

SAMPLE					CORE RECOVERY		VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS					
NUMBER	FROM	TO	TOTAL METRES	MS.	%	AMT LOST							
74519	108	110	2.0	0.2	100	0							
520	110	112	2.0	0.3	95	0.1							
521	112	114	2.0	0.4	100	0							
522	114	116	2.0	0.4	100	0							
523	116	118	2.0	0.6	95	0.1							
524	118	120	2.0	0.3	95	0.1							
525	120	122	2.0	0.6	100	0							
526	122	124	2.0	0.2	85	0.3							
527	124	126	2.0	0.3	100	0							
528	126	128	2.0	0	90	0.2							
529	128	130	2.0	0	100	0							
530	130	132	2.0	0	100	0							
531	132	134	2.0	0	95	0.1							
532	134	136	2.0	0	100	0							
533	136	138	2.0	0	100	0							
534	138	140	2.0	0.1	100	0							
535	140	142	2.0	0	95	0.1							
536	142	144	2.0	0	90	0.2							
537	144	146	2.0	0.1	100	0							
538	146	148	2.0	0	95	0.1							
539	148	150	2.0	0.1	95	0.1							
540	150	152	2.0	0	95	0.1							
541	152	154	2.0	0	100	0							
542	154	156	2.0	0	100	0							
543	156	158	2.0	0	100	0							
544	158	160	2.0	0	100	0							



sample data

PAGE 4 OF 4

SYNOPTIC

DDH SD 90-10

UTM Northing: 6110800 m N
UTM Easting: 429500 m E
GRID North: 110+00 N
GRID East: 79+00 E

Elev.: 1100.3m
Depth: 150.6m
Azimuth: ----
Dip: -90°

Metres (m)

0.0 - 4.9	OVERBURDEN
4.9 - 76.6	Moderately Magnetic MONZODIORITE pervasive mod propylitic altn (mod. chlor-epid-carb-FeOx altn); 1% PY (closely assoc. with Epid), tr Malachite & CPY locally
76.6 - 87.0	FAULT ZONE brecciated & sheared core, with monzodiorite protolith; mod carb-epid altn; weakly to mod. magnetic; 1-7% PY
87.0 - 88.1	PLAGIOCLASE LATITE PORPHYRY DYKE slight to mod propylitic altn (mod. carb-chlor-epid altn); slightly magnetic; No Sulphide
88.1 - 91.0	FAULT ZONE: (as above, 76.6-87.0m) monzodiorite & porphyritic latite fragmental as protoliths; strong carbonate & weak-mod. epidote-chlorite altn; 0.5% PY
91.0 - 111.9	MULTILITHIC LATITE TUFF slight-mod propylitic altn; 0.1-1.0% PY, tr CPY locally
111.9 - 134.6	AUGITE PLAGIOCLASE LATITE PORPHYRY: Crystal Tuff(?) 50-70% in-situ brecciation; slight-mod. carb. & epidote + chlorite altn accentuating brecciation; 0.7% PY, tr CPY
134.6 - 150.6	MULTILITHIC LATITE TUFF: (as above, 91.0-111.9m) weak propylitic altn (weak carb-chlor-epid altn); 0.3% PY
150.6	E.O.H.



DRILLING CO.

LOCATION SKETCH

DEPTH

TESTS
DIP ANGLE

AZIMUTH

DATE STARTED: 21/9/90

HOLE NO. SD 90-10

PROJECT: SNOWSHOE

DATE COMPLETED: 22/9/90

N.T.S.: 93 N/1

COLLAR ELEV.: 1100.3 m (3610')

LOCATION: Grid Coords:

NORTHING: 6110800 N

110+00 N

EASTING: 429500 E

79+00 E

AZIMUTH: —

DEPTH: 150.6 m (494')

DATE LOGGED: SEPT. 24, 1990

CORE SIZE: NQ

LOGGED BY: CTB

QUEST

HOLE TYPE DDH

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Firm	STRUCTURE (fractures, faults, folding, bedding, etc.)	REMARKS Mineralization, type, age relations
FROM	TO						
0	4.9	OVERBURDEN					
4.9	76.6	MONZODIORITE: fine and medium grained, subophyritic, pervasive matrix propylitic alteration, with epidote and calcite along fractures and epidote in disseminated blebs. Moderately Magnetic, 0.2-3.0% pyrite disseminated along fractures, and in disseminated blebs (closely associated with epidote), trace malachite and chalcocite locally.	A: CH/P/5 B: EP/D+FF+DB/3.5 C: Carb/FF/3 D: FeO/D+FF/3	A: PY/D+FF+DE/1.0 B: CPy/DB/tr, locally C: Mal/FF/tr, locally		Numerous fractures and major brittle fault zones. FeOx after pyrite, particularly near top of section.	
(4.9)	(40.7)		A: Carb/FF/4 B: CH/P/4-6 C: EP/FF+DB/4 D: FeOx/FF/3	A: PY/FF+D/1% B: Mal/FF/tr, locally		Malachite at 15.7 Fractures/broken core/rubble: 7.5-7.6, 8.2, 8.8-9.1, 11.0, 11.5-16.0, 16.7-17.3, 18.8-18.9, 19.8-20.0, 22.3, 24.7-25.2, 27.6-28.0, 34.0, 35.5-35.6, 39.0	

HOLE NO. SD 90-10

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Film	STRUCTURE	REMARKS
FROM	TO					(Fractures, faults, folding, bedding, etc.)	(Mineralization, type, age, relations)
(40.7	76.6)		A: CHL/P/6 B: EP/FF+DE/3 C: Carb/FF+D/3	A: PY/FF+D/2%			- Classic propylitic alteration: dark green chlorite, less calcite, epidote, +1-3% pyrite; minor trace talc, + possibly serpentine after augite - Pyrite > 2%: 64.8-65.7 (3%); 73.0-73.1 (5%) - Slickensides common on fractured core surfaces (minor)
76.6	87.0	FAULT ZONE: brecciated and sheared core, broken core and rubble, with monzonitic porphyry, malacite, carbonate and epidote alteration, slightly to moderately magnetic; 1-7% pyrite	A: Carb/FF+P/7 B: Ep/FF/5	A: PY/FF+D/4%			- Pyrite > 4%: 77.7-78.0 (6%)
87.0	88.1	PLAGIOCLASE LATITE PORPHYRY DIKE: coarse-grained tabular plagioclase 50% with trachytic texture, slight to moderate propylitic alteration; slightly magnetic; No Sulphide.	A: Carb/P+FF/6 B: CHL/P+FF/5 C: Ep/P+FF/4				- Faulted upper and lower contacts - unclear whether introduced during faulting or before - Trachytic Feldspar 45'-60'/2

HOLE NO. SD 90-10

INTERVAL		ROCK TYPE (composition, colour, texture, grain size)	ALTERATION	MINERALIZATION	Fels	STRUCTURE (Fractures, faults, folding, bedding, etc.)	REMARKS (Mineralization, type, age, relations)
FROM	TO						
88.1	91.0	FAULT ZONE: as above, with monzonite and porphyritic latite fragments (see below) as protoliths, strong carbonate and weak to moderate epidote alteration; 0.5% pyrite.	A: Carb/P/7 B: Ep/P+FF/5 C: Chl/P+FF/4	A: PY/FF+DB/5			
91.0	111.9	MULTITYPIC LATITE TUFF: subangular fragments 0.5-30 cm of porphyritic latite, with varying mode (5%-50%) of phenocrysts of augite and plagioclase and grain size. (phenocrysts fine- to coarse grained), and in augite and plagioclase, moderate propylitic alteration; trace chloropyrite locally.	A: Chl/P+FF/4 B: Ep/FF+DB/3 C: Carb/P/3	A: PY/P+FF/0.4% B: CPY/FF+DB/loc, locally		Fault zones / Broken core / rubble: 92.1-92.7, 93.9-94.5, 96.6-96.8, 107.7-108.1, 108.4-108.9, 109.4-109.5, 110.4-110.7	



PAGE 4 OF 4



SNOWSHOE SD-90-10

DRILL LOG

sample data

SAMPLE					CORE RECOVERY		VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS					
NUMBER	FROM	TO	TOTAL METRES	MS.	%	AMT LOST							
74562	4.9	6.0	1.1	1.5	100	0							
563	6	8	2.0	1.8	100	0							
564	8	10	2.0	1.1	95	0.1							
565	10	12	2.0	1.7	100	0							
566	12	14	2.0	1.4	95	0.1							
567	14	16	2.0	1.6	95	0.1							
568	16	18	2.0	1.4	95	0.3							
569	18	20	2.0	2.0	100	0							
570	20	22	2.0	0.6	95	0.1							
571	22	24	2.0	1.5	90	0.2							
572	24	26	2.0	1.1	100	0							
573	26	28	2.0	1.1	90	0.2							
574	28	30	2.0	1.3	100	0							
575	30	32	2.0	1.2	100	0							
576	32	34	2.0	0.9	95	0.1							
577	34	36	2.0	1.5	95	0.1							
578	36	38	2.0	1.3	100	0							
579	38	40	2.0	1.3	95	0.1							
580	40	42	2.0	1.9	95	0.1							
581	42	44	2.0	2.4	100	0							
582	44	46	2.0	2.5	100	0							
583	46	48	2.0	1.7	90	0.2							
584	48	50	2.0	1.9	100	0							
585	50	52	2.0	2.2	95	0.1							
586	52	54	2.0	1.7	95	0.1							
587	54	56	2.0	1.5	100	0							

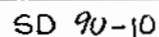


SD 90-10

DRILL LOG

sample data

S A M P L E					C O R E R E C O V E R Y		V I S U A L E S T I M A T E S (% O R E M I N E R A L S)	A S S A Y R E S U L T S					
N U M B E R	F R O M	T O	T O T A L M E T R E S	M S	%	A M T L O S T							
74589	56	58	20	2.2	100	0							
589	58	60	20	1.4	100	0							
590	60	62	20	1.5	95	0.1							
591	62	64	20	20	100	0							
592	64	66	20	0.7	100	0							
593	66	68	20	0.4	95	0.1							
594	68	70	20	0.4	95	0.1							
595	70	72	20	0.4	100	0							
596	72	74	20	1.0	95	0.1							
597	74	76	20	0.8	100	0							
598	76	78	20	1.0	100	0							
599	78	80	20	0.1	90	0.2							
600	80	82	20	1.2	100	0							
601	82	84	20	0.8	100	0							
602	84	86	20	1.6	95	0.1							
603	86	88	20	2.2	100	0							
604	88	90	20	0.7	95	0.1							
605	90	92	20	0.1	95	0.1							
606	92	94	20	0.1	90	0.2							
607	94	96	20	0.1	95	0.1							
608	96	98	20	0	100	0							
609	98	100	20	0	90	0.2							
610	100	102	20	0	100	0							
611	102	104	20	0	100	0							
612	104	106	20	0.1	85	0.3							
613	106	108	20	0	95	0.1							



DRILL LOG

sample data

PAGE 3 OF 3

APPENDIX IV

DRILL HOLE ANALYTICAL RESULTS

ACME ANALYTICAL LABORATORIES LTD.

852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6

PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

BP Resources Canada Ltd. PROJECT 10148

File # 90-4434

Page 1

SNOWHOLE

700 - 890 W. Pender St., Vancouver BC V6B 4W3

Submitted by: R. BARNES

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb
C 74001 SD90-1	1	99	24	55	2.7	15	13	729	4.26	40	5	ND	1	154	.3	2	2	104	3.99	.131	8	25	1.18	67	.04	2	1.76	.05	.16	2	9
C 74002	2	75	12	118	.4	29	12	641	3.55	31	5	ND	1	236	.8	3	2	17	7.30	.080	6	15	.38	56	.01	7	.82	.02	.21	1	4
C 74003	3	34	17	137	.4	17	6	655	2.52	76	5	ND	2	155	1.8	3	2	10	5.74	.070	6	9	.48	35	.01	3	1.02	.03	.16	1	13
C 74004	1	10	24	77	.1	5	4	596	2.50	16	5	ND	9	138	.2	2	2	10	2.49	.080	21	9	.55	53	.01	3	1.25	.03	.25	1	3
C 74005	2	21	19	160	.3	18	6	579	2.56	20	5	ND	6	221	1.7	2	2	17	3.35	.075	10	14	.68	55	.01	2	1.22	.03	.21	1	3
C 74006	2	50	14	143	.4	23	13	603	3.79	14	5	ND	1	183	1.9	6	2	59	5.96	.085	6	50	1.63	49	.01	3	1.70	.03	.15	1	3
C 74007	2	43	10	130	.3	26	14	669	3.94	13	5	ND	1	185	1.4	3	2	70	7.17	.086	6	59	1.84	43	.01	2	1.76	.02	.14	1	1
C 74008	10	52	18	180	.4	38	11	528	3.76	20	5	ND	1	155	2.4	2	6	52	6.10	.090	6	43	1.29	49	.01	3	1.46	.03	.16	1	1
C 74009	10	52	11	166	.3	44	13	521	3.82	11	5	ND	1	151	1.9	4	2	72	6.26	.090	6	55	1.54	47	.01	2	1.62	.02	.14	1	1
C 74010	2	61	20	89	.4	34	18	780	4.61	17	5	ND	1	171	.7	3	2	80	7.54	.106	6	78	2.16	39	.01	2	2.06	.02	.15	1	1
C 74011	17	65	83	311	2.1	39	10	558	3.04	60	5	ND	1	142	4.4	7	8	26	6.48	.076	5	19	.50	46	.01	4	.84	.01	.19	1	1
C 74012	5	39	31	178	.4	19	8	783	3.31	15	5	ND	3	160	1.9	3	2	22	5.09	.081	7	19	.81	57	.01	5	1.30	.02	.23	1	9
C 74013	1	6	20	79	.1	4	4	868	2.81	5	5	ND	9	103	.4	2	2	10	3.34	.099	25	8	.64	56	.01	3	1.39	.02	.27	1	9
C 74014	1	45	19	121	.5	20	12	930	4.14	26	5	ND	2	200	1.0	5	4	30	5.87	.085	6	23	1.17	45	.01	5	1.58	.02	.22	1	1
RE C 74018	1	54	11	78	.3	20	17	1049	5.02	4	5	ND	1	91	.3	5	2	119	4.98	.098	5	51	2.50	17	.19	2	2.54	.04	.08	1	2
C 74015	1	60	10	136	.2	20	17	906	4.99	16	5	ND	1	165	1.1	3	2	122	5.44	.078	6	40	2.22	12	.01	2	2.40	.03	.06	1	1
C 74016	1	70	7	70	.2	22	21	980	5.80	11	5	ND	1	106	.4	5	3	145	4.35	.086	6	54	2.75	9	.11	2	2.98	.03	.05	1	3
C 74017	1	78	8	67	.3	26	20	1055	5.62	6	5	ND	1	96	.2	4	2	137	5.69	.098	5	55	2.52	14	.21	2	2.69	.03	.06	1	1
C 74018	1	56	8	75	.3	20	17	1049	5.05	5	5	ND	1	90	.5	6	2	119	4.92	.097	5	51	2.48	17	.19	2	2.53	.04	.08	1	3
C 74019	1	96	10	75	.3	23	23	910	5.98	13	5	ND	1	194	.4	6	2	160	3.84	.108	6	59	2.78	136	.20	4	2.96	.05	.05	1	5
C 74020	1	69	11	69	.4	28	21	930	5.71	9	5	ND	1	291	.2	5	2	140	4.98	.091	4	84	3.20	208	.19	2	3.04	.05	.05	1	1
C 74021	1	71	11	66	.3	40	21	1004	5.27	8	5	ND	1	208	.3	6	2	124	6.32	.099	5	94	2.74	96	.17	2	2.45	.06	.05	1	1
C 74022	1	74	7	73	.3	43	22	1064	5.73	15	5	ND	1	115	.2	6	2	140	5.98	.098	6	104	2.89	24	.14	2	2.64	.04	.04	1	1
C 74023	1	80	16	99	.4	61	24	871	5.28	29	5	ND	1	178	.5	2	2	118	6.40	.079	5	255	4.29	16	.05	2	3.27	.02	.05	1	1
C 74024	5	53	12	99	.5	48	16	820	4.26	32	5	ND	1	266	1.0	6	2	52	6.84	.085	5	104	1.94	29	.01	2	1.64	.03	.11	1	3
C 74025	6	40	50	200	.8	44	12	610	3.87	50	5	ND	1	198	1.7	5	4	21	5.78	.086	4	12	.46	30	.01	4	.67	.05	.12	1	2
C 74026	7	54	28	148	.5	41	13	404	3.89	22	5	ND	1	149	.9	4	5	38	3.41	.099	6	25	1.25	50	.01	4	1.30	.04	.16	1	1
74027	2	34	10	77	.3	11	11	693	3.66	21	5	ND	1	142	.3	5	2	75	4.92	.101	5	18	1.09	29	.01	3	1.34	.04	.12	1	3
74028	3	46	24	81	.4	17	11	821	3.38	34	5	ND	1	285	.5	5	2	46	5.57	.111	9	16	.96	33	.01	3	1.41	.03	.12	1	1
C 74029	3	55	21	199	.6	27	13	788	3.95	26	5	ND	1	247	1.4	5	2	54	5.64	.097	8	26	1.18	44	.01	3	1.66	.03	.14	1	1
C 74030	4	36	13	121	.2	19	9	653	3.23	13	5	ND	2	232	.7	3	2	17	5.36	.107	11	16	.78	67	.01	4	1.26	.03	.17	1	1
C 74031	16	55	15	118	.3	40	10	660	3.48	23	5	ND	1	364	.7	4	3	21	8.22	.136	10	18	.82	47	.01	3	1.23	.02	.15	1	2
C 74032	6	25	16	94	.2	19	9	626	3.43	24	5	ND	3	197	.3	2	2	45	4.74	.092	12	19	.94	35	.01	2	1.50	.03	.14	1	2
C 74033	1	8	24	96	.1	7	5	616	2.93	31	5	ND	5	148	.2	2	2	14	2.35	.075	20	9	.60	37	.03	5	1.35	.04	.17	1	1
C 74034	1	34	17	125	.3	12	11	788	3.80	24	5	ND	3	189	.5	2	2	55	4.09	.122	13	21	1.08	34	.01	3	1.60	.03	.14	1	2
C 74035	4	48	13	138	.4	19	14	775	4.14	24	5	ND	1	135	1.0	4	2	68	4.85	.104	8	25	1.39	32	.02	4	1.65	.03	.09	1	1
C 74036	18	70	12	179	.2	52	12	593	4.22	19	5	ND	1	209	1.1	4	2	54	6.76	.153	12	26	1.16	39	.01	3	1.41	.03	.13	1	1
STANDARD C/AU-R	19	64	38	136	7.3	75	34	1111	4.01	44	20	8	40	54	18.8	16	21	61	.51	.094	40	60	.97	182	.08	34	1.95	.07	.14	11	530
STANDARD C	18	57	40	130	6.8	70	32	1051	3.97	38	22	7	38	53	18.5	15	20	56	.51	.096	39	60	.90	182	.07	33	1.91	.06	.14	11	-

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.

THIS LEACH IS PARTIAL FOR HH FE SR CA P LA CR HG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.

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

DATE RECEIVED: SEP 15 1990 DATE REPORT MAILED: Sept 20/90

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

SNOWSHOE

BP Resources Canada Ltd. PROJECT 10148 FILE # 90-4434

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SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
C 74037	21	64	10	75	.3	40	12	719	3.54	32	5	ND	2	235	.5	3	2	35	8.16	.123	10	13	.75	51	.04	3	1.10	.03	.15	1	8
C 74038	1	77	8	81	.2	12	18	807	4.72	33	5	ND	1	104	.5	2	2	102	3.60	.119	8	17	1.73	28	.07	2	1.92	.04	.09	1	4
RE C 74042	1	49	5	83	.3	13	17	822	5.03	16	5	ND	1	164	.6	2	2	132	5.51	.100	6	22	1.86	15	.03	2	2.22	.03	.05	1	1
C 74039	2	60	7	79	.2	14	16	812	4.71	30	5	ND	2	126	.5	2	2	99	5.12	.117	8	23	1.58	23	.04	2	1.74	.03	.07	1	1
C 74040	2	66	6	95	.2	18	16	755	4.59	11	5	ND	1	127	.8	2	2	104	5.42	.132	9	25	1.56	23	.02	2	1.85	.03	.06	1	1
C 74041	1	47	6	102	.3	16	17	779	4.86	20	5	ND	2	122	.9	2	2	116	4.43	.097	8	26	1.76	25	.13	2	2.13	.04	.08	1	1
C 74042	1	50	5	83	.2	13	18	830	5.06	29	5	ND	1	163	.6	2	2	132	5.61	.101	7	23	1.88	16	.03	2	2.22	.03	.04	1	3
C 74043	1	50	7	105	.2	12	16	713	4.89	16	5	ND	1	149	.6	2	2	109	3.95	.104	7	18	1.80	22	.01	2	1.85	.04	.07	1	1
C 74044	5	61	12	141	.4	22	16	756	4.51	15	5	ND	1	193	1.1	2	2	82	5.39	.107	7	25	1.44	33	.05	2	1.59	.03	.12	1	1
C 74045	8	63	15	106	.3	25	15	751	4.33	34	5	ND	2	179	.8	2	2	72	4.95	.118	8	27	1.55	33	.02	2	1.82	.03	.12	1	4
C 74046	1	50	7	62	.2	54	16	849	4.07	22	5	ND	1	184	.2	2	2	88	4.32	.096	7	77	1.99	26	.01	4	2.22	.03	.11	1	2
C 74047	1	19	15	68	.1	16	7	558	2.34	5	5	ND	6	181	.2	2	2	19	3.17	.076	21	15	.71	66	.01	8	1.31	.03	.28	1	1
C 74048	1	52	7	50	.2	43	14	1016	3.42	22	5	ND	1	210	.2	2	2	64	5.01	.097	7	46	1.33	33	.01	3	1.52	.03	.13	1	2
C 74049	1	83	3	53	.2	66	18	808	4.53	13	5	ND	1	159	.4	2	2	151	3.47	.107	7	102	2.52	31	.01	2	2.42	.03	.07	1	3
C 74050	1	58	3	52	.1	43	14	798	3.79	6	5	ND	1	171	.3	2	2	122	3.44	.094	8	57	2.02	25	.01	2	1.92	.04	.08	1	3
C 74051	1	46	3	51	.1	39	14	812	3.71	6	5	ND	1	175	.2	2	2	84	4.15	.095	7	53	1.67	35	.01	3	1.95	.03	.17	1	1
C 74052	4	93	13	128	.2	22	18	916	5.00	23	5	ND	1	193	.8	2	2	102	4.82	.149	7	39	1.55	18	.01	2	1.91	.03	.09	1	1
STANDARD C/AU-R	19	60	38	133	8.0	72	33	1051	4.03	43	16	8	41	52	19.6	14	19	59	.51	.093	40	60	.91	190	.09	33	1.97	.07	.14	11	520
STANDARD C	18	58	37	131	7.0	71	32	1048	3.96	40	19	7	40	55	19.5	15	21	58	.52	.093	39	59	.90	182	.09	36	1.90	.06	.13	13	-

ACME ANALYTICAL LABORATORIES LTD.

852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6

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GEOCHEMICAL ANALYSIS CERTIFICATE

S N A U S H O E

BP Resources Canada Ltd. PROJECT 10148 File # 90-4703 Page 1

700 - 890 W. Pender St., Vancouver BC V6B 4W3 Submitted by: RUSSELL BARNES

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
C 74053	1	84	3	55	.5	20	24	1266	5.27	43	5	ND	1	424	.6	2	2	35	7.68	.084	4	7	2.07	26	.01	8	.72	.01	.12	1	5
C 74054	3	64	14	190	.9	30	11	734	3.46	48	5	ND	2	313	1.9	6	2	11	5.41	.081	5	5	.99	41	.01	7	.48	.01	.14	1	5
C 74055	10	63	12	251	.9	40	11	605	3.16	43	5	ND	1	337	3.0	7	2	12	5.25	.074	5	5	.78	47	.01	5	.53	.01	.13	1	5
C 74056	7	46	11	239	.6	30	8	620	2.72	17	5	ND	3	273	2.5	4	2	15	4.38	.073	6	6	.52	57	.01	6	.75	.02	.19	1	2
C 74057	1	24	21	85	.4	12	5	733	2.47	9	5	ND	6	274	.3	2	2	13	3.79	.069	10	9	.57	54	.01	5	1.11	.02	.19	1	2
C 74058	4	46	68	170	.8	19	8	571	3.04	18	5	ND	3	243	1.9	3	2	23	3.94	.076	6	16	.87	48	.01	5	1.29	.01	.15	1	5
C 74059	2	60	7	177	.5	29	12	492	3.55	21	5	ND	1	156	1.6	4	2	42	4.17	.070	5	34	1.22	42	.01	6	1.38	.02	.12	1	1
C 74060	3	76	7	142	.7	31	15	783	4.96	24	5	ND	1	161	1.3	3	2	63	5.37	.082	5	35	1.42	49	.03	6	1.50	.02	.11	1	4
C 74061	1	66	4	58	.5	19	15	1022	4.58	11	5	ND	1	171	.2	3	2	101	7.20	.092	5	34	1.60	47	.14	7	1.98	.03	.07	1	1
C 74062	1	72	11	84	.5	21	16	668	4.60	14	5	ND	2	119	.2	2	2	101	3.11	.093	6	28	1.83	87	.16	12	2.26	.03	.07	1	2
C 74063	1	81	3	71	.5	24	16	838	4.35	5	5	ND	1	110	.2	2	2	104	4.40	.090	5	34	1.94	63	.19	6	2.35	.03	.04	1	3
C 74064	1	94	3	77	.5	26	17	862	4.44	15	5	ND	1	155	.3	2	2	94	4.99	.087	6	48	2.04	55	.12	6	2.19	.02	.06	1	1
C 74065	1	77	4	59	.5	21	17	949	4.62	3	7	ND	2	136	.2	2	2	110	5.14	.074	5	45	2.18	43	.20	6	2.19	.03	.04	1	2
C 74066	1	57	2	63	.4	24	18	858	4.62	10	5	ND	2	116	.2	2	2	100	3.73	.077	4	40	2.26	44	.20	5	2.50	.03	.03	1	2
C 74067	1	58	5	77	.5	35	18	930	4.90	11	5	ND	1	118	.2	4	2	132	5.39	.084	5	74	2.27	22	.18	4	2.08	.03	.03	1	1
C 74068	1	50	8	85	.6	30	15	796	4.63	10	5	ND	2	143	.2	4	2	109	4.97	.085	6	68	2.09	38	.12	5	1.97	.02	.07	1	3
C 74069	1	55	9	106	.6	25	12	511	3.90	19	5	ND	1	146	.5	3	2	38	3.91	.078	5	31	1.19	41	.01	5	1.34	.02	.10	1	3
RE C 74073	1	38	6	52	.5	8	10	966	3.79	8	5	ND	1	101	.2	2	2	132	3.22	.102	8	9	1.29	27	.07	5	1.59	.04	.09	1	4
C 74070	4	47	9	158	.7	31	13	512	3.78	37	7	ND	2	172	1.5	4	2	47	4.24	.087	5	27	1.20	42	.01	5	1.49	.02	.11	1	4
C 74071	2	50	12	197	.6	25	12	722	3.86	8	5	ND	2	159	2.2	2	2	75	5.24	.089	6	38	1.34	27	.01	4	1.62	.02	.08	1	3
C 74072	2	95	5	57	.5	12	12	841	3.92	7	5	ND	1	110	.2	2	3	117	3.81	.105	7	20	1.43	27	.03	5	1.60	.03	.07	1	4
C 74073	1	34	5	49	.5	7	9	899	3.60	2	5	ND	1	96	.2	2	2	126	3.16	.099	8	8	1.24	27	.07	5	1.52	.04	.08	1	5
C 74074	1	36	10	89	.5	9	10	812	3.82	7	5	ND	2	84	.2	2	2	118	3.33	.100	8	10	1.40	34	.09	5	1.43	.03	.07	1	8
C 74075	1	53	4	52	.4	11	11	765	3.78	8	5	ND	2	97	.2	2	2	122	3.30	.092	7	14	1.43	32	.01	4	1.61	.02	.07	1	5
C 74076	7	47	12	121	.5	29	12	704	3.94	23	5	ND	1	232	.9	3	2	58	5.00	.097	7	15	1.45	52	.01	4	1.92	.01	.08	1	3
C 74077	2	45	7	176	.6	19	16	910	4.49	25	5	ND	1	183	1.4	2	2	96	5.38	.103	7	30	1.52	37	.02	4	2.09	.02	.07	1	7
C 74078	2	58	10	181	.8	19	16	882	4.73	18	6	ND	2	191	1.4	4	2	93	5.37	.097	9	23	1.47	49	.01	4	1.99	.02	.08	1	4
C 74079	3	51	9	138	.6	19	13	789	4.13	13	5	ND	2	166	.8	2	2	77	4.81	.090	8	21	1.42	32	.02	5	1.75	.02	.07	1	5
C 74080	1	90	4	80	.5	11	16	793	4.89	13	5	ND	2	105	.2	5	2	107	4.04	.125	8	15	1.49	52	.07	5	2.15	.03	.06	1	4
C 74081	2	53	4	83	.6	14	16	941	4.80	7	8	ND	2	138	.2	2	2	129	5.71	.112	8	21	1.62	89	.13	4	2.21	.03	.05	1	2
C 74082	1	71	5	84	.6	14	17	734	4.87	7	7	ND	2	77	.2	2	2	125	3.95	.171	7	26	1.64	19	.16	4	2.09	.02	.04	1	2
C 74083	1	54	7	83	.5	17	13	843	4.40	9	9	ND	4	124	.2	3	2	89	3.86	.112	11	30	1.36	36	.10	5	2.01	.02	.09	1	4
C 74084	2	16	10	90	.3	12	8	770	3.57	30	5	ND	4	109	.2	3	2	38	3.45	.102	13	17	1.10	20	.05	6	1.72	.02	.12	1	1
C 74085	6	74	14	81	.6	16	16	822	4.14	261	11	ND	2	252	.2	8	2	17	5.93	.133	6	5	.81	19	.01	10	.64	.02	.12	1	14
C 74086	2	60	8	85	.6	20	17	623	4.69	32	10	ND	2	194	.2	2	2	68	4.48	.124	7	24	1.56	13	.01	6	1.75	.02	.07	1	6
C 74087	3	38	14	93	.3	16	12	714	4.21	11	7	ND	3	103	.2	2	2	63	3.50	.112	10	25	1.30	18	.02	5	1.81	.02	.08	1	1
C 74088	2	66	17	101	.6	21	17	748	4.70	29	13	ND	3	140	.2	4	2	97	4.10	.119	12	35	1.52	15	.01	4	2.07	.02	.09	1	4
STANDARD C/AU-R	18	62	38	131	7.6	70	32	1069	4.01	43	23	7	42	55	18.9	15	21	56	.47	.088	39	56	.91	174	.07	32	1.86	.06	.13	12	500
STANDARD C	18	62	38	132	7.1	70	32	1048	3.97	38	23	7	40	53	18.8	15	20	57	.51	.090	38	56	.90	182	.09	39	1.90	.06	.14	13	-

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

DATE RECEIVED: SEP 20 1990 DATE REPORT MAILED: Sept 26/90 SIGNED BY: D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

SNOWSHOE

SD 90-2

BP Resources Canada Ltd. PROJECT 10148 FILE # 90-4703

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SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	U ppm	Au* ppb
C 74089	2	68	8	69	.2	21	17	702	4.31	15	5	ND	1	123	.2	2	6	113	4.22	.107	7	45	1.56	30	.02	2	1.94	.03	.07	1	6
C 74090	2	65	7	59	.2	22	17	714	4.44	14	5	ND	1	112	.2	2	2	126	4.39	.091	6	56	1.66	11	.03	2	1.97	.03	.04	1	2
C 74091	2	63	9	54	.2	21	15	647	4.03	2	5	ND	1	151	.2	2	3	104	5.44	.094	7	44	1.47	14	.03	2	1.68	.03	.03	2	2

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GEOCHEMICAL ANALYSIS CERTIFICATE

BP Resources Canada Ltd. File # 90-4811 Page 1
700 - 890 W. Pender St., Vancouver BC V6B 4W3 Submitted by: RUSSELL BARNES

SNOWSHOE

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Hg	Ba	Ti	B	Al	Mo	K	W	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb
C 74092 SD 90-3	1	101	2	70	.4	20	18	827	4.77	2	5	ND	2	92	.2	2	2	143	4.97	.084	4	30	1.61	90	.23	11	2.33	.04	.06	1	12
C 74093	1	107	2	78	.4	23	22	935	5.61	2	5	ND	1	84	.3	2	2	190	3.37	.080	3	36	2.28	114	.25	7	2.93	.05	.08	1	1
C 74094	1	87	2	76	.4	24	24	1747	5.42	2	6	ND	1	129	.3	2	2	194	8.09	.070	3	47	2.21	113	.21	5	2.79	.04	.07	1	6
C 74095	3	89	6	90	.7	31	23	1239	5.32	16	12	ND	2	165	.8	4	2	121	7.98	.076	5	52	1.90	41	.01	5	2.41	.02	.16	1	2
C 74096	3	20	9	88	.3	18	7	435	2.67	32	5	ND	6	117	.3	2	2	12	4.10	.070	9	6	.49	62	.01	9	1.17	.02	.26	1	1
C 74097	1	3	11	69	.1	5	5	452	2.25	4	5	ND	9	109	.2	2	2	15	3.19	.067	18	5	.53	68	.01	8	1.27	.04	.30	1	2
C 74098	1	4	7	51	.1	6	5	491	2.06	25	5	ND	8	121	.2	2	2	12	3.98	.064	12	5	.59	53	.01	7	1.25	.02	.26	1	34
C 74099	1	9	8	52	.2	5	5	607	1.96	5	5	ND	6	154	.2	2	2	12	5.35	.076	11	4	.59	50	.01	7	1.29	.02	.25	1	4
C 74100	3	47	6	115	.2	12	9	569	2.34	7	5	ND	2	106	.9	2	2	29	3.70	.115	7	14	.93	36	.08	8	1.52	.03	.16	1	1
C 74101	7	47	9	186	.4	34	11	584	3.34	26	3	ND	1	146	2.1	4	2	64	6.26	.069	5	39	1.35	69	.01	5	1.55	.03	.11	1	1
C 74102	3	27	15	85	.5	15	8	633	3.11	5	5	ND	4	112	.3	3	2	33	3.84	.085	8	18	.94	72	.01	7	1.54	.03	.23	1	1
C 74103	1	5	20	74	.2	5	4	790	2.70	2	5	ND	9	126	.2	2	2	12	3.44	.091	24	4	.59	82	.01	6	1.53	.04	.32	1	1
RE C 74124	1	72	4	83	.4	30	19	980	4.70	2	5	ND	2	119	.2	3	2	114	5.11	.089	5	53	2.26	25	.21	9	2.59	.07	.06	1	3
C 74104	2	51	20	132	1.0	31	14	965	3.29	75	5	ND	1	288	1.2	3	2	25	7.93	.070	6	41	.65	52	.01	7	1.20	.01	.18	1	9
C 74105	7	40	10	105	.6	26	9	730	2.70	42	5	ND	1	308	.6	5	2	23	6.75	.067	5	19	.61	46	.01	6	1.07	.02	.15	1	2
C 74106	5	56	10	136	.7	32	11	490	3.56	34	5	ND	2	125	1.2	6	2	44	4.18	.074	5	34	1.08	55	.01	6	1.41	.03	.15	1	1
C 74107	3	49	8	188	.4	29	12	464	3.37	10	5	ND	1	82	1.7	5	2	42	3.99	.071	6	31	1.46	64	.07	9	1.58	.01	.22	1	1
C 74124	1	66	6	84	.4	29	19	984	4.73	2	5	ND	1	118	.2	2	2	114	5.11	.090	5	52	2.26	26	.21	7	2.61	.07	.06	1	2
C 74125	1	49	10	83	.3	40	17	931	4.49	13	5	ND	3	109	.2	2	2	104	4.26	.082	8	87	2.16	35	.12	6	2.41	.03	.13	1	1
C 74126	3	34	17	74	.4	14	9	864	3.20	83	5	ND	3	223	.3	5	2	61	4.44	.086	11	18	1.20	41	.01	6	1.69	.02	.17	1	3
C 74127	2	39	10	129	.4	11	10	978	3.48	67	5	ND	1	158	.6	5	2	82	4.60	.094	9	12	1.43	132	.02	6	1.80	.04	.13	1	1
C 74128	3	46	14	92	.4	14	10	962	3.73	5	6	ND	2	279	.3	2	2	42	5.77	.106	8	11	1.57	104	.10	6	2.44	.03	.12	1	1
C 74129	4	42	14	83	.4	17	11	840	3.39	33	5	ND	1	258	.3	4	2	26	6.04	.103	8	16	.96	84	.02	5	1.68	.02	.15	1	1
C 74130	9	54	24	122	.5	26	11	639	3.33	25	5	ND	1	270	.6	2	2	22	7.32	.112	8	14	.76	62	.01	7	1.29	.02	.16	1	2
C 74131	30	48	26	95	.4	44	8	500	2.92	38	5	ND	3	234	.4	3	2	18	5.63	.137	10	13	.57	60	.01	7	1.10	.02	.19	1	1
C 74132	9	41	16	153	.5	28	10	628	3.20	39	5	ND	3	239	1.2	4	2	39	5.31	.083	7	14	.90	53	.01	7	1.42	.02	.16	1	3
C 74133	2	29	13	107	.4	14	9	507	2.88	36	5	ND	4	151	.4	3	2	23	3.99	.077	9	11	.76	55	.01	6	1.25	.02	.19	1	4
C 74134	9	63	12	101	.5	25	14	616	4.08	36	5	ND	1	191	.3	5	2	43	6.64	.111	7	12	.97	51	.01	5	1.40	.02	.17	1	2
C 74135	10	67	8	90	.4	15	15	816	4.36	70	5	ND	2	151	.2	4	2	61	6.26	.120	8	24	1.33	32	.01	6	1.75	.03	.14	1	5
C 74136	4	68	13	94	.4	17	17	678	4.72	22	5	ND	2	113	.3	5	2	58	4.48	.132	8	27	1.48	36	.01	6	1.90	.04	.15	1	5
C 74137	1	2	24	99	.2	7	4	609	2.75	10	5	ND	6	122	.2	2	2	12	1.49	.068	18	6	.59	44	.04	7	1.46	.06	.20	1	7
C 74138	1	3	28	90	.1	7	4	473	2.46	15	5	ND	8	112	.2	2	2	9	1.29	.066	26	5	.53	35	.02	8	1.22	.03	.17	1	1
C 74139	2	28	18	97	.2	10	9	490	2.98	18	5	ND	6	115	.2	2	2	23	2.25	.090	17	12	.80	41	.01	9	1.29	.04	.19	1	1
C 74140	2	79	10	122	.5	27	17	741	4.69	24	5	ND	1	139	.7	4	2	100	5.17	.115	7	44	1.61	24	.01	6	1.88	.04	.10	1	7
C 74141	2	78	6	146	.3	22	17	757	4.71	8	5	ND	1	89	.9	2	2	102	4.74	.124	7	43	1.57	26	.01	5	2.10	.05	.09	1	2
C 74142	1	75	6	94	.3	24	18	665	5.07	21	5	ND	1	81	.3	3	2	124	3.04	.099	6	51	1.61	19	.01	4	2.22	.04	.07	1	1
C 74143	1	61	5	99	.4	18	16	707	4.71	14	5	ND	1	83	.3	4	2	105	3.25	.106	7	38	1.43	21	.01	5	2.15	.05	.10	1	5
STANDARD C/AU-R	18	57	35	126	6.8	68	31	1012	3.92	36	19	7	38	52	18.4	16	18	55	.46	.087	38	57	.87	174	.07	36	1.87	.06	.14	11	500
STANDARD C	17	57	36	131	6.9	69	31	1051	3.95	40	22	6	38	53	18.5	15	19	56	.46	.087	37	57	.90	180	.07	37	1.90	.06	.13	13	-

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

DATE RECEIVED: SEP 24 1990 DATE REPORT MAILED: Oct 1/90. SIGNED BY: C. L. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

SNOWSHOE

BP Resources Canada Ltd. FILE # 90-4811

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SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
C 74144 SD 90-3	1	70	7	97	.7	28	19	960	4.98	43	5	ND	2	131	.5	4	2	136	5.13	.127	8	67	1.96	21	.07	2	2.59	.03	.07	1	5
C 74145	1	56	5	102	.5	13	17	856	5.09	23	5	ND	1	86	.6	2	2	130	3.33	.155	8	23	1.88	24	.02	2	2.51	.06	.05	1	2
C 74146	1	65	14	117	.7	10	17	874	5.17	51	5	ND	1	98	.7	3	2	109	3.66	.135	7	10	1.63	23	.01	2	2.35	.04	.09	1	11
C 74147	1	72	24	108	.7	7	14	1171	3.94	6	5	ND	2	128	.6	4	2	64	7.00	.129	7	7	1.06	27	.01	2	1.60	.05	.15	1	6
C 74148	1	9	15	84	.1	7	5	577	2.18	9	5	ND	6	166	.2	2	2	16	2.15	.073	16	9	.69	73	.03	5	1.19	.03	.26	1	4
C 74149 SD 90-4	1	11	18	77	.2	4	4	656	2.16	2	5	ND	7	122	.2	2	2	6	2.86	.069	18	3	.43	65	.01	4	1.13	.02	.26	1	3
C 74150	1	7	17	78	.3	4	4	632	1.81	6	5	ND	6	127	.3	2	2	5	2.65	.064	15	2	.28	60	.01	3	.89	.02	.25	1	5
C 74151	1	10	15	85	.4	4	4	642	2.24	19	5	ND	6	133	.2	2	2	6	3.02	.067	17	2	.41	68	.01	5	1.22	.03	.29	1	30
C 74152	1	11	10	74	.2	5	4	570	2.18	30	5	ND	7	199	.2	2	2	8	2.69	.067	18	3	.44	69	.01	4	1.22	.04	.26	1	4
C 74153	3	17	22	129	.4	10	4	516	2.22	251	5	ND	5	321	.9	2	2	7	3.42	.066	11	3	.57	57	.01	6	1.13	.02	.24	1	6
C 74154	8	44	14	222	.8	31	7	676	2.35	76	5	ND	3	479	2.5	4	2	11	6.44	.064	7	5	.36	38	.01	4	.87	.01	.18	1	3
C 74155	6	32	16	248	.7	27	6	946	2.34	39	5	ND	4	714	2.7	3	2	11	6.38	.068	7	5	.31	46	.01	5	.82	.01	.21	1	1
C 74156	3	39	32	178	.7	23	8	677	2.78	17	5	ND	4	276	2.1	2	2	17	4.05	.071	8	13	.72	57	.01	6	1.08	.01	.22	1	1
C 74157	14	65	19	225	.7	46	10	440	3.20	27	5	ND	2	213	2.9	3	2	30	4.14	.076	6	18	.88	62	.01	6	1.08	.02	.19	1	2
C 74158	2	51	38	177	.7	25	10	757	3.21	53	5	ND	1	434	1.9	2	2	12	6.54	.073	5	7	.92	45	.01	4	.56	.02	.14	1	2
RE C 74163	3	57	11	281	.7	35	13	529	3.85	16	5	ND	2	159	3.4	3	2	66	3.60	.073	6	49	1.32	85	.02	4	1.58	.03	.16	1	1
C 74159	2	43	7	191	.6	27	12	749	3.45	26	5	ND	1	383	1.9	3	2	29	6.73	.081	5	20	1.43	57	.01	4	.80	.03	.16	1	1
C 74160	19	44	19	264	.7	48	10	659	3.02	62	5	ND	1	394	2.9	6	2	14	7.00	.088	5	8	.85	53	.01	5	.50	.03	.15	1	1
C 74161	4	43	10	219	.7	30	11	675	3.36	32	5	ND	1	332	2.6	4	2	19	6.11	.067	5	12	.75	48	.01	3	.90	.03	.15	1	6
C 74162	1	47	5	148	.7	28	11	448	3.37	19	5	ND	2	105	1.6	3	2	56	2.65	.070	5	42	1.37	55	.01	3	1.44	.03	.15	1	1
C 74163	3	57	12	279	.6	36	13	536	3.97	6	5	ND	1	163	3.3	2	2	67	3.72	.074	7	49	1.34	85	.02	6	1.61	.04	.16	1	3
C 74164	2	74	9	63	.6	24	18	1008	4.97	9	5	ND	2	139	.4	2	2	104	7.39	.088	6	52	2.11	47	.05	3	2.29	.03	.09	1	2
C 74165	1	87	3	76	.4	27	20	838	5.27	2	5	ND	2	91	.2	2	2	140	3.26	.105	6	58	2.42	38	.12	2	2.72	.04	.07	1	3
C 74166	1	83	2	78	.4	23	19	822	5.31	6	5	ND	2	115	.3	2	2	123	3.92	.103	7	43	2.49	47	.11	3	2.91	.04	.10	1	5
C 74167	1	60	6	91	.4	28	16	705	4.50	12	5	ND	1	208	.6	2	2	130	2.81	.076	5	63	2.32	196	.21	4	2.61	.06	.06	1	3
C 74168	1	55	8	80	.6	24	17	832	4.76	13	5	ND	1	164	.5	2	2	121	5.57	.089	6	51	2.24	75	.12	3	2.34	.04	.09	1	5
C 74169	2	46	14	139	.8	25	11	511	3.77	41	5	ND	2	169	1.0	2	2	31	3.83	.093	6	17	1.06	58	.01	3	1.48	.03	.16	1	11
C 74170	3	46	16	181	.7	25	11	750	3.61	45	5	ND	1	326	1.7	3	2	32	6.23	.089	6	17	.83	44	.01	4	1.34	.03	.16	1	7
C 74171	1	29	5	45	.4	8	10	578	3.72	3	5	ND	1	216	.2	2	2	118	3.51	.101	6	11	1.58	34	.01	2	1.53	.06	.08	1	9
C 74172	1	20	6	41	.4	6	10	731	3.36	5	5	ND	1	237	.2	2	2	102	3.58	.099	7	6	1.29	40	.01	3	1.56	.06	.12	1	7
C 74173	7	35	23	106	.5	17	7	608	2.36	82	5	ND	3	285	.7	3	2	22	5.10	.087	11	5	.49	55	.01	3	1.00	.02	.19	1	1
C 74174	5	40	13	191	.5	24	10	645	3.40	21	5	ND	2	235	1.6	2	2	52	5.07	.093	8	17	1.14	37	.01	2	1.70	.01	.13	1	1
C 74175	3	50	11	175	.5	18	14	703	4.17	25	5	ND	1	151	1.6	2	2	100	4.35	.103	7	24	1.59	30	.01	4	1.98	.04	.10	1	4
C 74176	3	46	12	204	.6	23	11	799	3.65	16	5	ND	2	323	1.9	3	2	75	6.84	.091	8	30	1.13	40	.01	4	1.50	.03	.11	1	2
C 74177	14	58	13	196	.4	46	12	635	3.58	26	5	ND	1	247	1.6	2	2	61	7.47	.107	7	21	1.03	46	.01	5	1.35	.02	.15	1	2
C 74178	15	68	10	84	.4	39	14	722	4.21	15	5	ND	1	196	.5	2	2	76	6.55	.134	9	19	1.24	30	.01	3	1.44	.03	.11	1	1
C 74179	1	65	5	80	.4	9	15	1016	4.30	13	5	ND	1	179	.3	2	2	104	6.16	.110	9	16	1.56	21	.01	2	1.78	.04	.09	1	3
C 74180	4	62	8	69	.4	14	15	835	4.51	10	5	ND	1	150	.4	2	2	98	5.17	.112	7	19	1.56	21	.01	2	1.72	.03	.09	1	3
STANDARD C/AU-R	19	57	42	129	7.3	71	32	1056	3.97	41	19	7	39	55	19.1	15	18	58	.44	.090	40	59	.90	179	.07	33	1.95	.06	.13	13	530
STANDARD C	18	57	37	131	7.1	72	31	1053	3.94	41	21	7	40	56	19.5	15	19	58	.47	.093	39	59	.90	182	.07	37	1.91	.06	.14	12	-

ACME ANALYTICAL LABORATORIES LTD.

852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6

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GEOCHEMICAL ANALYSIS CERTIFICATE

Snow Shoe

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700 - 890 W. Pender St., Vancouver BC V6B 4W3 Submitted by: RUSSELL BARNES

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	M	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb
C 74108	2	53	8	175	.3	29	11	469	2.96	13	5	ND	2	96	1.7	4	2	38	4.90	.069	7	32	1.11	61	.07	7	1.28	.01	.20	1	4
RE C 74113	1	6	18	77	.1	6	4	603	2.13	4	5	ND	10	268	.2	2	2	8	2.72	.069	24	14	.42	67	.01	6	1.07	.03	.25	1	1
C 74109	1	69	3	54	.3	67	23	900	4.64	23	6	ND	3	275	.2	2	2	130	7.34	.063	5	173	2.80	143	.17	5	2.98	.04	.08	1	8
C 74110	1	69	2	57	.2	42	21	736	4.54	8	6	ND	2	267	.2	2	2	129	3.51	.072	5	99	2.66	281	.18	4	2.72	.07	.07	1	2
C 74111	2	16	14	79	.1	13	7	613	2.62	6	5	ND	10	238	.2	2	2	31	3.15	.070	24	36	.84	88	.03	6	1.43	.04	.25	1	1
C 74112	1	5	17	76	.1	4	4	599	2.09	2	5	ND	12	266	.2	2	2	9	2.98	.069	31	4	.42	68	.01	5	1.05	.03	.25	1	1
C 74113	1	7	16	78	.1	6	4	604	2.12	3	5	ND	11	264	.2	2	2	9	2.71	.068	25	14	.42	66	.01	6	1.06	.02	.25	1	1
C 74114	1	7	15	77	.1	4	4	597	2.21	3	5	ND	12	209	.2	2	2	10	2.76	.070	13	3	.43	66	.01	5	1.10	.03	.26	1	2
C 74115	3	28	17	112	.1	14	8	618	3.12	3	5	ND	8	139	.3	2	2	45	2.60	.071	10	36	1.32	47	.09	7	1.64	.03	.21	1	1
C 74116	1	68	103	115	.6	21	17	843	4.59	10	5	ND	2	123	.9	2	2	138	4.05	.073	5	43	2.96	21	.15	5	2.69	.03	.06	1	9
C 74117	1	64	2	62	.2	19	17	773	4.73	7	5	ND	2	79	.2	2	2	109	3.13	.077	4	27	2.38	22	.18	9	3.15	.04	.04	1	12
C 74118	1	71	4	83	.1	21	19	852	4.83	14	5	ND	2	127	.5	2	2	104	4.51	.082	5	28	1.83	19	.19	8	2.61	.03	.06	1	8
C 74119	1	86	4	71	.2	23	18	689	4.62	6	5	ND	1	104	.2	3	2	108	5.03	.090	6	30	1.72	18	.21	23	2.56	.04	.04	1	1
C 74120	1	81	5	67	.2	20	17	739	4.50	12	5	ND	3	105	.2	2	2	102	6.42	.091	6	28	1.58	17	.19	14	2.34	.03	.05	1	3
C 74121	1	83	6	72	.2	18	19	664	5.35	7	7	ND	2	103	.2	2	2	98	2.88	.104	6	24	1.75	19	.23	8	2.09	.04	.07	1	2
C 74122	1	69	3	64	.1	26	20	754	4.40	11	5	ND	1	110	.2	2	2	103	4.12	.078	5	43	2.17	17	.19	9	2.65	.04	.05	1	2
C 74123	1	69	6	62	.1	24	19	942	4.66	2	5	ND	2	109	.2	2	2	104	6.04	.078	5	40	2.19	15	.18	9	2.66	.05	.04	1	4
C 74181	12	62	9	235	.2	40	17	752	5.29	18	5	ND	3	194	1.3	3	2	156	6.62	.114	8	45	1.99	17	.01	3	2.04	.03	.06	1	7
C 74182	16	56	9	167	.2	56	14	689	4.27	22	5	ND	2	213	1.1	2	2	115	8.08	.119	8	37	1.21	30	.01	5	1.46	.03	.08	1	10
C 74183	5	70	10	158	.3	20	17	709	4.83	40	7	ND	3	187	.8	2	2	68	5.71	.106	7	18	1.21	28	.01	3	1.50	.02	.11	1	7
C 74184	1	53	7	65	.3	16	17	1127	5.13	17	5	ND	2	327	.2	2	2	123	6.70	.107	8	24	1.90	22	.01	4	2.15	.02	.08	1	1
C 74185	2	49	9	85	.2	10	18	720	4.97	10	7	ND	2	145	.3	3	2	107	3.54	.113	8	18	1.66	21	.01	5	2.01	.03	.11	1	4
C 74186	10	48	11	135	.3	30	11	548	3.56	13	9	ND	4	252	.6	2	2	59	6.63	.091	8	23	.81	46	.01	6	1.22	.03	.15	1	9
C 74187	6	40	13	88	.2	20	10	612	3.31	10	5	ND	5	242	.2	2	2	50	5.78	.099	9	28	.95	45	.01	6	1.41	.03	.17	1	3
C 74188	8	84	9	131	.4	32	17	710	5.05	37	5	ND	3	235	.6	3	2	95	5.93	.139	9	30	1.33	32	.01	7	1.59	.03	.14	1	1
C 74189	3	62	8	101	.3	20	15	693	4.58	42	5	ND	2	273	.2	2	2	85	3.75	.088	6	32	1.64	23	.01	4	1.71	.03	.12	1	2
C 74190	4	63	6	90	.1	13	17	959	4.54	11	5	ND	2	198	.2	3	2	114	8.64	.112	8	28	1.81	17	.01	4	1.84	.03	.06	1	1
C 74191	1	68	7	74	.1	11	18	739	4.73	18	5	ND	2	139	.2	2	2	104	4.97	.108	9	21	1.52	19	.02	4	1.72	.04	.09	1	4
C 74192	1	67	7	67	.1	15	16	851	4.09	13	5	ND	2	154	.2	3	2	115	7.69	.122	8	32	1.43	14	.03	5	1.66	.04	.05	1	1
C 74193	2	24	12	85	.1	13	10	797	4.03	12	5	ND	5	115	.2	2	2	52	2.78	.115	14	28	1.30	17	.02	6	1.93	.03	.12	1	3
C 74194	1	32	10	87	.1	12	11	899	4.09	14	5	ND	5	192	.2	2	2	55	4.94	.114	12	20	1.30	19	.01	5	1.93	.03	.12	1	1
C 74195	5	68	7	111	.3	16	15	703	4.30	30	6	ND	2	163	.5	2	2	76	5.83	.117	9	26	1.30	18	.01	5	1.55	.03	.10	1	2
C 74196	4	56	16	91	.3	13	14	808	4.21	29	5	ND	2	305	.3	2	2	79	7.87	.099	8	22	1.20	17	.01	5	1.46	.03	.08	1	1
C 74197	1	48	6	101	.2	13	13	687	3.92	13	5	ND	4	161	.2	3	2	83	5.00	.095	9	29	1.33	31	.02	5	1.64	.04	.14	1	3
C 74198	2	71	7	66	.3	15	16	906	4.34	15	5	ND	3	124	.2	3	2	109	7.66	.104	8	27	1.42	13	.14	5	1.55	.02	.07	1	3
C 74199	6	51	7	97	.4	17	13	722	4.16	36	5	ND	3	129	.5	4	2	71	4.43	.110	9	30	1.20	17	.02	5	1.67	.03	.10	1	1
C 74200	2	71	6	125	.3	26	17	744	4.95	26	5	ND	2	116	.7	4	2	121	3.64	.113	7	48	1.63	15	.01	7	2.01	.03	.06	1	5
STANDARD C/AU-R	18	58	36	130	6.7	70	32	1044	3.89	42	23	7	39	52	18.5	14	20	56	.46	.088	38	56	.88	178	.08	34	1.87	.06	.13	13	510
STANDARD C	18	58	37	131	6.8	70	32	1048	3.94	38	23	6	39	52	18.8	16	19	57	.45	.089	38	57	.89	181	.07	37	1.90	.06	.13	12	-

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.

THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL AU DETECTION LIMIT BY ICP IS 3 PPM.

- SAMPLE TYPE: CORE AU* ANALYSIS BY ACID LEACH/AA FROM 10 GH SAMPLE.

DATE RECEIVED: SEP 27 1990 DATE REPORT MAILED: Oct 2/90 SIGNED BY: C. L. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

SNOWSHOE

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SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Hg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
C 74201	1	84	6	81	.4	21	18	750	4.57	19	5	ND	2	127	.2	2	2	115	3.51	.119	8	29	1.69	14	.02	4	2.01	.02	.06	1	4
C 74202	2	124	5	118	.4	19	19	1037	4.49	21	5	ND	3	147	.6	4	2	128	5.44	.158	10	6	1.46	40	.04	3	1.93	.02	.06	1	2
C 74203	1	122	3	80	.4	12	16	1013	4.60	10	5	ND	3	137	.3	3	2	138	5.29	.157	10	6	1.49	16	.07	4	1.92	.03	.08	1	4
C 74204	1	139	2	84	.6	19	18	1113	4.76	21	5	ND	3	133	.2	3	2	148	5.30	.153	10	6	1.63	15	.06	3	2.15	.03	.07	1	4
C 74205	2	128	3	187	.3	14	18	1162	4.75	16	5	ND	2	140	.8	3	2	139	5.76	.155	9	5	1.72	15	.09	3	2.08	.02	.05	1	7
C 74206	1	130	4	87	.3	10	18	1149	4.45	2	5	ND	2	151	.2	2	2	100	4.16	.159	7	3	1.69	14	.16	4	2.14	.03	.04	1	1
C 74207	2	161	2	72	.5	24	24	1017	4.66	15	5	ND	3	178	.2	2	2	138	6.72	.149	7	6	1.46	11	.02	4	2.03	.02	.07	1	9
C 74208	1	161	2	73	.5	17	19	1130	4.82	21	5	ND	3	184	.2	2	2	143	6.14	.162	8	4	1.38	17	.01	2	2.03	.03	.08	1	8
C 74209	1	136	2	70	.4	15	19	1037	4.78	16	5	ND	2	162	.2	2	2	149	5.09	.163	8	4	1.47	15	.02	3	2.15	.04	.07	1	11
C 74210	1	141	4	69	.4	13	17	1018	5.08	3	5	ND	2	152	.2	2	2	161	5.10	.157	7	5	1.60	11	.01	2	2.18	.02	.05	1	12
C 74211	1	128	5	76	.6	61	29	992	5.16	45	5	ND	3	226	.2	3	2	152	7.06	.148	7	107	1.97	13	.01	2	2.33	.02	.06	1	1
C 74212	1	151	3	84	.5	28	16	959	4.65	19	5	ND	4	170	.2	4	2	138	5.97	.174	9	60	1.81	11	.02	3	2.27	.02	.06	1	2
C 74213	1	183	4	93	.6	31	18	986	4.85	11	5	ND	4	161	.3	2	2	144	5.64	.193	9	57	1.94	14	.04	4	2.23	.02	.06	1	15
C 74214	1	120	3	68	.6	12	17	1084	4.64	12	5	ND	3	149	.2	2	2	124	6.39	.158	8	9	1.39	17	.01	4	2.00	.02	.10	1	17
C 74215	1	119	4	75	.4	10	17	1099	4.67	33	5	ND	2	150	.2	2	2	133	5.99	.163	8	5	1.45	16	.01	3	2.03	.03	.08	1	11
C 74228	4	64	15	173	.5	29	13	555	4.06	15	5	ND	2	197	1.1	2	2	26	8.00	.090	8	11	.79	39	.11	4	1.07	.01	.10	1	11
C 74229	12	74	10	93	.5	34	13	637	4.51	23	5	ND	3	218	.5	2	2	30	8.38	.100	7	10	.82	40	.03	3	1.20	.01	.13	1	3
C 74230	1	70	5	75	.3	13	18	968	5.09	139	5	ND	1	191	.2	4	2	61	7.72	.117	7	19	1.38	33	.02	2	2.14	.01	.10	1	25
C 74231	1	59	5	73	.3	11	16	866	4.75	33	5	ND	2	175	.2	2	2	63	6.60	.120	7	16	1.35	33	.02	3	2.04	.01	.12	1	9
C 74232	1	48	12	85	.2	10	13	746	3.64	19	5	ND	5	130	.2	4	2	44	4.53	.109	13	16	1.03	26	.02	4	1.72	.02	.13	1	5
C 74233	1	8	21	86	.2	6	4	545	2.47	12	5	ND	8	89	.2	2	2	13	1.77	.065	13	5	.47	31	.09	4	1.21	.03	.19	1	1
C 74234	2	78	17	92	.4	14	18	887	4.68	16	5	ND	3	129	.2	2	2	76	6.07	.136	7	20	1.48	31	.10	4	2.01	.03	.11	1	3
C 74235	20	59	11	88	.3	61	10	632	3.14	29	5	ND	3	219	.6	3	2	29	11.98	.117	8	16	.67	67	.09	4	1.18	.01	.12	1	1
C 74236	7	50	9	134	.4	28	12	717	3.88	61	5	ND	3	198	.7	9	2	53	7.86	.116	9	23	1.31	71	.05	5	1.70	.02	.09	1	1
RE C 74233	1	12	20	86	.1	5	4	551	2.51	8	5	ND	7	90	.2	2	2	13	1.80	.065	13	5	.48	31	.09	5	1.22	.03	.18	1	1
C 74237	3	50	9	151	.4	23	15	733	4.38	7	5	ND	3	239	1.1	3	2	81	6.92	.102	7	29	1.24	85	.13	4	1.85	.02	.09	1	1
C 74238	2	47	10	85	.3	20	14	728	4.18	16	5	ND	3	141	.3	3	2	88	6.44	.101	9	30	1.40	47	.11	3	1.87	.02	.08	1	2
C 74239	1	14	16	86	.1	7	5	541	2.72	2	7	ND	6	88	.2	2	2	21	1.71	.067	12	8	.61	28	.04	4	1.31	.02	.13	1	3
C 74240	1	7	17	89	.2	9	4	554	2.51	2	7	ND	5	98	.2	2	2	16	1.52	.063	10	21	.58	22	.07	5	1.29	.03	.13	1	1
C 74241	1	7	16	80	.2	5	3	551	2.39	2	5	ND	5	104	.2	2	2	13	1.79	.060	10	5	.48	20	.08	19	1.21	.03	.14	1	4
C 74242	2	6	20	89	.2	8	4	560	2.49	7	6	ND	7	106	.2	2	2	12	1.45	.065	13	20	.50	34	.07	6	1.27	.03	.16	1	1
C 74243	8	28	23	160	.3	12	6	816	3.01	19	5	ND	6	117	.8	3	3	33	2.72	.071	12	10	.69	41	.07	5	1.40	.03	.23	2	36
C 74244	7	19	17	111	.3	10	5	736	2.41	17	5	ND	9	209	.3	2	3	20	4.25	.068	11	18	.54	52	.06	5	1.23	.02	.24	1	34
C 74245	3	15	11	85	.3	9	5	563	2.54	19	5	ND	8	145	.2	2	2	15	3.47	.067	10	6	.53	37	.07	5	1.01	.02	.17	1	2
C 74246	1	7	17	86	.2	5	4	581	2.44	9	7	ND	11	145	.2	2	2	11	2.10	.062	11	4	.44	31	.07	5	1.12	.03	.17	1	5
C 74247	1	12	20	82	.1	7	4	584	2.40	6	5	ND	11	131	.2	2	2	10	2.25	.065	11	6	.45	29	.08	5	1.17	.02	.17	1	10
C 74248	11	51	14	109	.2	27	9	478	3.14	17	5	ND	6	158	.4	2	2	39	5.22	.107	8	19	.74	46	.10	4	1.13	.03	.11	1	1
STANDARD C/AU-R	18	59	39	130	6.8	71	32	1026	3.90	39	23	7	40	54	18.9	17	19	57	.46	.088	39	57	.88	177	.08	33	1.86	.06	.14	11	480
STANDARD C	18	57	38	131	6.8	70	32	1048	3.94	36	24	7	39	53	18.8	15	20	57	.45	.089	39	59	.89	181	.07	36	1.91	.06	.14	11	-

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SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ce %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
C 74249	20	67	11	92	.5	43	8	410	2.85	12	5	ND	2	166	.9	2	2	39	9.28	.111	5	21	.60	31	.10	9	1.06	.04	.09	1	1
C 74250	18	70	12	105	.5	50	12	480	3.62	7	5	ND	1	221	.8	2	2	77	7.62	.110	5	23	1.00	36	.14	7	1.20	.04	.08	1	1
C 74251	13	70	12	83	.6	38	16	582	4.60	13	5	ND	1	77	.6	2	2	94	5.44	.120	5	23	1.26	19	.21	8	1.26	.04	.08	1	1
C 74252	1	69	3	79	.5	12	16	718	4.77	2	5	ND	1	72	.7	2	2	79	5.17	.144	5	13	1.48	14	.18	7	1.30	.03	.06	1	1
C 74253	1	64	8	203	.4	11	15	954	4.51	2	5	ND	1	103	1.4	2	2	80	8.12	.117	5	13	1.52	13	.18	9	1.45	.03	.06	1	1
C 74254	3	64	7	72	.5	16	15	817	4.29	2	5	ND	1	81	.6	2	2	78	5.86	.114	5	12	1.43	13	.18	7	1.37	.03	.04	1	1
C 74255	1	76	11	120	.6	25	15	605	4.62	8	5	ND	2	47	.7	2	2	103	2.63	.108	7	42	1.61	15	.22	10	1.51	.04	.06	1	3
C 74256	1	84	10	202	.5	13	14	914	4.03	14	5	ND	1	127	1.5	3	2	77	9.27	.113	6	20	1.37	12	.11	8	1.32	.02	.06	1	1
C 74257	1	80	11	86	.5	11	15	878	4.10	3	5	ND	1	101	.8	2	2	97	7.66	.119	6	15	1.43	11	.19	7	1.45	.03	.06	1	1
C 74258	1	86	7	73	.5	8	13	741	3.82	4	5	ND	1	86	.4	2	2	83	6.26	.126	6	10	1.46	10	.21	8	1.53	.03	.04	1	2
C 74259	1	88	2	73	.4	13	16	715	4.30	2	5	ND	1	80	.6	2	2	93	4.69	.123	6	21	1.57	10	.21	11	1.63	.03	.03	1	3
C 74260	1	78	4	68	.3	15	17	708	4.19	11	5	ND	1	69	.4	2	2	97	3.38	.138	7	21	1.58	14	.18	10	1.75	.03	.05	1	6
C 74261	8	90	11	86	.7	38	17	671	4.63	57	5	ND	1	125	.9	2	2	78	5.88	.113	7	31	1.46	24	.14	11	1.49	.03	.10	1	1
C 74262	5	93	12	347	.6	42	13	458	4.25	21	5	ND	2	115	4.4	2	2	79	4.75	.101	7	28	.93	31	.12	11	1.18	.03	.12	1	1
C 74263	2	79	2	95	.4	26	16	803	5.18	11	5	ND	1	109	1.2	2	2	124	4.29	.130	6	42	1.89	28	.14	10	2.35	.03	.22	1	1
C 74264	3	81	10	131	.5	37	17	647	4.35	39	5	ND	1	114	1.7	2	2	86	5.30	.105	6	51	1.40	25	.14	8	1.48	.03	.09	1	1
C 74265	1	98	16	110	.9	32	15	595	5.18	15	5	ND	2	155	.9	2	3	60	4.10	.134	8	41	1.19	31	.05	11	1.46	.03	.12	1	5
C 74266	1	97	13	125	.9	29	16	448	4.56	24	5	ND	2	108	1.0	2	2	64	2.62	.099	6	31	1.21	25	.02	11	1.32	.03	.12	1	3
C 74267	1	78	9	105	.4	25	16	659	4.64	2	5	ND	1	128	.9	2	2	66	4.31	.121	7	38	1.32	38	.11	10	1.65	.03	.11	1	1
C 74268	2	84	7	90	.5	22	15	649	4.75	29	5	ND	1	89	.7	2	4	58	4.18	.112	6	19	1.11	23	.03	8	1.46	.02	.12	1	1
C 74269	1	57	3	90	.4	18	17	927	4.97	7	5	ND	2	52	.6	2	2	123	3.35	.143	7	43	1.83	11	.10	7	2.45	.02	.05	1	1
C 74270	1	91	6	82	.4	12	14	802	4.54	14	5	ND	2	62	.6	2	4	97	3.97	.137	8	17	1.31	15	.15	10	2.01	.02	.06	1	1
C 74271	1	98	4	82	.3	10	15	894	4.67	16	5	ND	2	71	.6	2	2	124	4.79	.155	9	13	1.41	16	.16	10	2.18	.03	.06	1	7
C 74272	1	61	2	77	.3	18	16	907	4.68	30	5	ND	2	148	.6	2	2	113	5.76	.130	9	35	1.60	10	.08	7	2.33	.01	.05	1	2
C 74273	1	134	2	83	.4	25	20	955	5.33	45	5	ND	2	124	.9	2	2	156	4.64	.143	7	41	2.03	29	.11	9	2.84	.05	.05	1	3
C 74274	1	83	2	82	.3	24	17	846	4.93	27	5	ND	2	68	.5	2	2	114	4.04	.144	7	53	1.66	14	.17	8	2.38	.02	.07	1	1
C 74282	1	40	3	70	.1	14	12	651	3.45	14	5	ND	2	93	.3	2	2	50	2.55	.129	6	25	1.27	16	.18	9	1.71	.03	.07	1	1
C 74283	2	60	4	74	.2	18	15	647	3.79	10	5	ND	2	89	.4	2	2	58	3.02	.131	5	26	1.52	12	.22	15	1.92	.02	.03	1	1
C 74284	1	74	2	73	.2	16	16	671	4.68	13	5	ND	1	76	.5	2	2	92	3.59	.137	6	30	1.52	15	.21	15	2.09	.04	.06	1	1
RE C 74273	1	132	3	82	.4	25	20	948	5.28	42	5	ND	2	125	.9	2	2	154	4.56	.142	8	40	2.01	29	.11	10	2.82	.05	.06	1	4
C 74285	1	114	2	78	.2	15	16	595	4.67	14	5	ND	2	45	.4	2	2	66	1.91	.167	7	22	1.45	14	.16	20	1.97	.03	.13	1	1
C 74286	1	68	2	75	.3	18	17	625	4.27	17	5	ND	2	69	.4	2	2	67	2.83	.130	6	33	1.40	15	.17	14	1.90	.03	.15	1	4
C 74287	1	66	2	74	.2	15	16	754	4.53	13	5	ND	2	60	.5	2	2	97	2.78	.125	5	24	1.45	16	.15	7	2.01	.03	.16	1	1
C 74288	3	90	5	103	.3	19	15	719	5.40	6	5	ND	2	60	.9	2	2	128	2.95	.118	6	33	1.49	14	.11	7	1.90	.04	.05	1	4
C 74289	1	78	8	102	.3	27	18	703	5.19	17	5	ND	1	65	.8	2	2	136	2.75	.113	7	64	1.77	11	.05	9	2.07	.03	.04	1	14
C 74290	3	82	9	138	.5	31	16	580	5.20	40	5	ND	2	113	1.2	2	2	106	4.83	.098	7	55	1.34	12	.02	5	1.58	.04	.06	1	2
C 74291	4	74	6	131	.4	55	18	878	4.47	16	5	ND	2	201	1.1	2	2	108	9.04	.109	5	125	2.15	9	.06	5	2.08	.01	.10	1	4
STANDARD C/AU-R	18	58	37	132	7.3	73	31	1069	3.94	40	22	7	39	55	19.2	8	21	59	.44	.096	38	60	.90	180	.07	37	1.87	.06	.12	11	520
STANDARD C	18	59	38	130	7.0	73	31	1050	3.94	42	23	6	39	52	19.8	15	20	59	.45	.094	39	60	.90	183	.08	41	1.89	.06	.13	13	-

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SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
C 74292	7	81	9	144	.1	28	18	709	4.18	2	5	ND	4	135	1.8	2	6	111	7.50	.108	5	44	1.32	22	.08	2	1.45	.03	.04	1	7
C 74293	4	90	2	91	.1	27	21	685	4.84	4	5	ND	2	66	.7	2	2	86	4.63	.104	4	41	1.60	12	.20	3	1.82	.03	.03	1	5
C 74294	5	95	2	90	.1	31	21	747	4.85	6	5	ND	4	74	1.1	2	2	80	5.33	.119	4	38	1.73	19	.21	5	2.00	.03	.02	1	1
C 74295	2	94	2	56	.1	27	23	460	4.25	5	5	ND	1	55	.4	2	2	65	1.85	.154	5	32	1.25	13	.25	21	1.57	.04	.03	1	1
C 74296	6	53	20	81	.1	29	11	789	3.28	22	5	ND	6	345	.9	2	2	9	9.46	.108	7	9	.75	49	.01	2	.82	.02	.12	1	1
C 74297	3	48	15	243	.3	30	12	637	3.67	14	5	ND	4	212	3.0	3	2	17	5.55	.089	7	18	.85	50	.01	4	1.19	.01	.11	1	1
C 74298	4	55	21	103	.3	27	13	510	3.44	45	5	ND	5	198	1.3	3	3	14	4.77	.091	9	15	.86	48	.01	6	1.04	.01	.11	1	2
C 74299	6	35	16	81	.1	28	8	555	2.94	49	6	ND	7	288	.9	2	4	10	6.06	.102	11	4	.85	48	.01	5	.94	.01	.16	1	1
C 74300	1	10	8	76	.1	8	7	694	2.74	5	5	ND	9	245	.5	2	2	16	3.12	.094	23	8	.67	57	.01	6	1.32	.02	.17	1	1
C 74301	2	31	9	78	.2	21	8	745	2.93	24	5	ND	9	326	1.0	2	2	15	4.53	.100	13	14	1.04	59	.01	4	1.09	.01	.16	1	1
C 74302	3	120	17	84	.9	71	19	910	3.71	292	5	ND	4	638	.7	5	3	10	8.37	.140	4	12	1.95	47	.01	2	.46	.01	.12	1	1
C 74303	8	66	23	121	.7	30	15	732	4.21	46	5	ND	6	393	1.7	3	4	6	7.88	.095	4	1	.87	52	.01	4	.32	.01	.13	1	8
C 74304	7	59	18	83	.6	26	16	738	4.16	33	5	ND	5	370	1.4	2	2	9	6.27	.109	5	5	1.25	56	.01	2	.44	.02	.14	1	2
C 74305	1	62	2	73	.5	13	19	1119	5.66	12	5	ND	7	267	.8	2	2	47	7.40	.124	6	10	1.31	78	.01	2	1.90	.02	.13	1	4
C 74306	1	83	2	78	.7	17	21	880	4.59	21	5	ND	6	240	1.3	2	2	47	6.20	.161	6	16	1.56	73	.01	2	1.92	.02	.12	1	2
C 74307	16	65	17	168	.7	57	14	529	3.76	8	5	ND	8	287	1.7	2	2	21	8.83	.104	8	12	.74	58	.02	2	1.18	.01	.14	1	3
C 74308	11	50	7	196	.5	46	16	721	4.15	15	5	ND	8	274	2.0	2	2	43	8.62	.130	7	21	1.20	48	.02	2	1.53	.01	.11	1	2
C 74309	4	62	5	179	.3	27	14	573	4.26	14	5	ND	5	205	2.1	2	2	34	7.10	.104	7	16	1.00	64	.07	3	1.51	.02	.13	1	1
C 74310	5	62	5	218	.3	30	14	568	3.98	11	5	ND	5	294	2.8	2	2	27	8.77	.092	6	10	.88	47	.01	2	1.24	.01	.11	1	1
C 74311	6	57	6	159	.6	41	15	676	4.08	4	5	ND	7	255	2.5	3	2	33	8.81	.101	7	14	1.03	59	.06	2	1.38	.01	.12	1	2
C 74312	2	59	3	95	.5	21	16	676	4.59	8	5	ND	6	239	1.0	2	4	28	8.02	.111	6	12	1.18	25	.01	2	1.31	.02	.09	1	1
RE C 74309	4	63	9	182	.7	31	15	578	4.34	9	16	ND	7	202	2.7	2	2	34	7.23	.108	7	16	1.03	64	.07	5	1.49	.02	.13	1	1
C 74313	12	65	11	145	.4	41	11	548	3.51	18	5	ND	6	307	1.8	2	2	18	10.31	.104	6	10	.62	39	.01	2	.97	.01	.09	1	1
C 74314	12	65	10	107	.5	39	12	455	3.33	26	5	ND	7	290	1.3	2	2	13	9.73	.097	6	9	.58	32	.01	4	.92	.01	.09	1	1
C 74315	9	59	9	109	.2	35	11	446	3.45	8	5	ND	5	258	.6	2	2	16	8.29	.104	7	14	.60	45	.01	5	1.03	.01	.11	1	1
C 74316	2	73	7	98	.1	29	13	410	3.94	22	5	ND	1	216	.6	2	2	8	4.77	.094	4	5	.77	49	.01	2	.48	.01	.16	1	1
C 74317	4	58	2	67	.1	14	15	661	4.54	7	5	ND	2	223	.6	2	2	12	6.11	.122	5	3	1.05	42	.01	2	.62	.01	.14	1	1
C 74318	3	60	6	43	.2	13	15	821	4.68	2	5	ND	5	213	.8	2	2	28	10.08	.113	5	7	.94	47	.04	6	.97	.03	.20	1	5
C 74319	4	66	4	62	.1	12	17	822	4.74	58	5	ND	4	168	.7	2	4	54	10.36	.106	5	12	1.05	40	.08	2	1.39	.03	.27	1	5
C 74320	2	62	6	75	.1	10	19	771	4.92	3	5	ND	1	92	1.2	2	2	109	4.88	.126	6	10	1.53	196	.20	2	2.64	.07	.88	1	1
C 74321	1	92	5	78	.1	11	16	669	4.22	2	5	ND	2	84	1.3	2	3	80	5.75	.152	5	11	1.16	81	.16	2	2.03	.04	.29	1	2
C 74328	3	84	5	78	.2	20	19	752	4.24	15	5	ND	2	119	1.2	2	5	43	5.11	.147	7	15	1.22	65	.11	2	1.59	.03	.49	1	4
C 74329	5	101	2	135	.4	36	19	627	5.47	7	5	ND	3	91	1.9	2	2	61	3.21	.132	8	28	1.49	34	.16	2	1.83	.03	.36	1	1
C 74330	18	69	18	81	.4	39	18	771	5.35	11	5	ND	4	112	.7	2	6	49	5.81	.151	8	9	1.04	42	.11	4	1.41	.03	.49	1	2
C 74331	11	93	14	163	.4	37	17	711	5.27	63	5	ND	4	142	1.7	4	2	69	5.85	.121	8	16	1.33	44	.05	2	1.58	.03	.32	1	2
C 74332	7	94	9	100	.5	20	17	847	5.10	17	5	ND	4	206	.9	2	2	42	6.33	.143	5	4	1.02	38	.02	2	1.18	.03	.16	1	2
C 74333	6	97	4	75	.6	18	16	722	4.60	7	5	ND	2	308	.3	2	2	25	4.76	.145	5	2	1.09	42	.01	2	.79	.03	.16	1	2
STANDARD C/AU-R	18	56	38	129	6.9	67	32	1010	3.91	39	21	7	38	53	19.8	16	18	55	.45	.095	38	55	.88	177	.07	34	1.80	.06	.14	12	510
STANDARD C	19	58	38	131	7.1	70	32	1047	3.94	39	18	7	38	53	19.9	15	22	55	.45	.094	38	58	.87	180	.07	34	1.87	.06	.14	13	-

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SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Hg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
C 74334	3	82	7	90	.5	7	13	620	4.54	.6	5	ND	1	133	.7	2	2	60	2.44	.135	4	10	1.40	37	.01	2	1.47	.05	.16	1	1
C 74335	4	78	13	76	.4	10	14	654	4.77	.4	5	ND	1	100	.7	3	2	51	2.79	.159	5	9	1.24	60	.06	2	1.49	.04	.41	1	1
C 74336	4	91	5	91	.5	16	15	1007	5.69	.8	5	ND	1	292	.8	6	2	63	5.20	.148	4	17	1.42	45	.01	4	1.58	.04	.18	1	2
C 74337	14	97	18	104	.6	25	14	939	4.95	.34	5	ND	1	273	1.5	7	2	49	5.61	.121	4	18	1.25	28	.01	3	1.14	.03	.12	1	2
C 74338	18	97	17	151	.7	33	13	761	3.96	.54	5	ND	1	238	2.0	6	2	13	3.26	.133	4	7	.90	31	.01	4	.42	.04	.16	1	1
C 74339	5	126	11	185	.6	14	16	918	4.11	.319	5	ND	1	295	2.4	6	2	12	5.11	.136	3	11	1.29	37	.01	3	.42	.03	.19	1	3
C 74340	1	143	5	77	.5	15	15	1034	4.45	.32	5	ND	1	229	.6	4	2	51	7.06	.147	4	22	1.37	25	.01	3	1.40	.03	.10	1	1
C 74341	1	139	9	67	.6	16	15	1004	4.78	.13	5	ND	1	208	.6	4	2	79	7.81	.147	4	28	1.35	30	.03	2	1.91	.03	.09	1	1
C 74342	1	119	4	65	.5	5	13	848	4.87	.7	5	ND	1	86	.8	2	2	65	2.93	.162	6	8	1.29	96	.12	2	2.10	.04	.41	2	2
C 74343	1	99	10	71	.4	7	14	857	5.01	.12	5	ND	1	75	1.0	4	2	70	3.29	.169	6	8	1.35	154	.14	2	2.34	.03	.67	2	1
C 74344	1	139	6	68	.4	14	15	857	4.61	.13	5	ND	1	83	1.0	2	2	91	6.23	.149	5	22	1.35	98	.13	2	2.18	.03	.52	1	1
C 74345	1	139	10	57	.5	18	15	856	4.32	.15	5	ND	1	88	.7	2	2	91	6.74	.145	4	34	1.32	111	.15	3	2.13	.04	.65	1	1
C 74346	1	119	2	71	.4	35	20	967	5.14	.16	5	ND	1	91	1.1	5	2	112	7.33	.138	4	82	1.83	117	.14	2	2.62	.02	.78	1	1
C 74347	1	118	2	63	.4	13	16	753	4.19	.10	5	ND	1	70	1.2	3	2	89	5.52	.131	4	25	1.28	133	.15	2	2.17	.03	.80	1	1
C 74348	1	110	3	66	.5	16	14	835	4.23	.15	5	ND	1	78	.8	2	2	92	7.20	.129	3	28	1.22	122	.15	2	2.09	.03	.96	1	1
C 74349	1	164	5	70	.5	18	15	802	4.62	.13	5	ND	1	73	.6	5	2	99	6.25	.124	3	39	1.35	138	.14	2	2.20	.02	.90	1	1
C 74350	1	90	8	73	.5	18	17	842	5.05	.15	5	ND	1	88	.8	3	2	93	6.29	.134	3	36	1.57	175	.14	2	2.55	.02	1.10	1	1
C 74351	1	153	6	63	.5	14	16	861	4.97	.14	5	ND	1	71	1.3	6	2	103	5.36	.138	3	35	1.50	150	.15	2	2.39	.03	.96	1	1
C 74352	1	162	3	74	.5	16	17	806	4.75	.14	5	ND	1	89	.6	5	2	100	5.96	.136	4	34	1.46	140	.15	2	2.35	.03	.93	1	1
STANDARD C/AU-R	19	60	38	131	7.0	72	31	1054	3.95	.42	17	8	39	53	19.0	15	18	55	.45	.097	38	60	.90	181	.07	34	1.90	.07	.14	13	520

ACME ANALYTICAL LABORATORIES LTD.

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GEOCHEMICAL ANALYSIS CERTIFICATE

Subsidiary

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700 - 890 W. Pender St., Vancouver BC V6B 4W3 Submitted by: RUSSELL BARNES

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Mi	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb
C 74216	6	47	10	79	.2	23	15	663	3.25	11	5	ND	3	160	.2	2	3	20	5.01	.127	8	8	.91	59	.08	2	1.24	.02	.11	1	5
C 74217	13	57	5	72	.3	35	14	575	2.91	23	5	ND	4	286	.2	2	2	18	7.90	.138	8	17	1.03	58	.04	2	1.21	.02	.09	1	1
C 74218	10	62	12	89	.3	26	16	589	3.23	13	5	ND	6	213	.2	3	2	15	7.64	.129	7	7	.72	53	.05	3	1.03	.02	.10	1	2
C 74219	12	58	6	79	.5	32	16	605	3.42	5	5	ND	4	186	.2	2	2	23	6.63	.131	8	13	1.04	48	.06	4	1.21	.02	.09	1	4
C 74220	28	59	20	92	.1	50	13	491	2.94	8	5	ND	3	277	.2	2	2	14	7.84	.160	7	13	.74	62	.05	5	1.05	.02	.10	1	5
C 74221	16	67	20	158	.2	38	16	483	3.60	8	5	ND	3	209	.5	2	3	23	4.89	.140	7	17	1.03	77	.06	2	1.31	.02	.12	1	6
C 74222	4	66	14	159	.1	30	16	662	3.52	17	5	ND	1	161	.8	2	3	32	5.60	.088	6	11	.89	50	.04	2	1.23	.02	.11	1	16
C 74223	2	56	12	153	.4	16	16	694	3.30	35	5	ND	1	182	.4	2	3	29	4.85	.088	7	9	.93	42	.02	3	1.39	.02	.09	1	8
C 74224	3	48	2	99	.3	13	16	893	3.60	5	5	ND	4	260	.2	2	2	45	6.21	.097	6	7	1.19	39	.06	2	1.64	.02	.09	1	2
C 74225	3	47	9	95	.1	13	16	648	3.01	30	5	ND	1	178	.5	2	2	24	4.85	.087	5	8	.68	51	.05	2	1.05	.03	.14	1	20
C 74226	1	19	18	83	.2	7	8	520	2.49	21	7	ND	5	117	.2	2	4	14	2.41	.071	10	3	.57	29	.05	9	1.06	.02	.15	1	8
C 74227	4	28	36	148	.2	13	8	498	2.52	12	5	ND	4	131	.4	2	2	14	2.29	.080	14	15	.55	44	.05	2	1.05	.02	.18	1	1
C 74275	2	84	4	70	.2	15	19	693	3.93	16	5	ND	1	76	.2	2	2	76	3.47	.134	5	14	1.29	11	.16	12	1.89	.03	.15	1	1
C 74276	2	90	3	70	.1	17	19	613	3.63	13	5	ND	1	61	.2	2	2	66	2.56	.148	5	20	1.15	16	.17	3	1.65	.04	.10	1	8
C 74277	2	83	2	62	.1	15	18	528	3.35	7	5	ND	1	58	.5	2	2	55	2.38	.134	4	17	1.09	9	.15	4	1.51	.03	.04	1	6
C 74278	2	81	2	64	.3	13	15	755	3.25	12	5	ND	3	70	.2	2	2	67	5.24	.130	5	16	1.04	16	.15	2	1.57	.03	.12	1	1
C 74279	2	81	2	71	.1	11	17	793	3.44	5	5	ND	3	88	.3	2	2	68	4.91	.144	5	9	1.13	25	.14	2	1.50	.03	.06	1	1
C 74280	2	56	2	70	.1	8	15	596	3.09	2	5	ND	1	61	.2	2	2	55	2.25	.121	4	21	1.11	19	.16	2	1.44	.04	.07	1	1
C 74281	2	57	2	82	.1	13	18	615	3.21	6	5	ND	1	57	.2	2	3	52	1.72	.134	4	19	1.17	13	.18	3	1.50	.03	.09	1	2
C 74322	2	104	4	80	.2	17	21	630	4.21	3	5	ND	1	85	.5	2	6	100	3.18	.128	5	29	1.36	249	.17	2	2.11	.05	.60	1	1
C 74323	3	118	2	72	.2	17	22	640	4.04	9	5	ND	2	129	.2	2	2	88	3.88	.128	4	25	1.31	110	.14	2	1.94	.03	.21	1	2
C 74324	1	87	3	78	.1	21	24	809	4.48	8	5	ND	1	101	.6	2	3	130	4.10	.107	3	50	1.72	213	.18	2	2.60	.06	.97	1	6
C 74325	4	99	2	144	.3	26	22	638	4.83	9	5	ND	1	86	1.4	2	2	117	2.72	.112	6	33	1.53	97	.14	3	2.08	.04	.53	1	2
C 74326	8	76	5	142	.2	26	20	584	3.80	30	5	ND	2	131	1.3	2	5	62	4.52	.114	6	27	1.13	56	.07	2	1.44	.03	.35	1	3
C 74327	2	70	3	76	.2	18	20	660	3.94	10	5	ND	1	84	.2	2	2	60	2.88	.151	6	20	1.22	102	.13	2	1.63	.03	.75	1	2
C 74353	1	212	5	75	.2	15	22	789	4.37	8	5	ND	1	65	.5	2	2	114	4.10	.147	4	30	1.39	145	.16	2	2.25	.04	.84	1	2
C 74354	1	153	2	67	.1	13	22	809	4.40	11	5	ND	1	69	.3	2	6	118	4.54	.141	4	23	1.38	145	.16	2	2.24	.03	.71	1	1
C 74355	1	143	3	67	.2	18	21	822	4.34	13	5	ND	1	71	.6	2	2	118	4.96	.135	4	33	1.50	133	.16	2	2.31	.03	.68	1	7
C 74356	1	158	2	68	.3	22	21	817	3.89	9	5	ND	2	84	.2	2	2	100	6.26	.136	3	44	1.35	93	.15	2	2.01	.02	.46	1	3
C 74357	1	88	4	87	.1	41	25	910	4.38	19	5	ND	3	95	.9	2	5	108	7.36	.139	2	98	1.72	105	.16	2	2.35	.03	.59	1	1
C 74358	1	122	2	73	.3	23	24	828	4.15	13	5	ND	3	97	.4	2	3	98	6.41	.121	2	39	1.63	157	.17	5	2.25	.03	.86	1	1
RE C 74354	1	152	2	68	.4	13	21	817	4.43	8	5	ND	1	69	.5	2	2	118	4.58	.142	4	21	1.39	144	.16	5	2.23	.03	.71	1	2
C 74359	2	177	3	78	.1	18	27	798	4.85	6	5	ND	1	162	.7	2	4	119	2.71	.129	3	38	1.90	293	.21	2	2.95	.08	1.50	1	1
C 74360	1	170	4	82	.1	21	26	850	5.23	8	5	ND	1	98	.4	2	2	128	2.67	.126	2	41	2.02	311	.22	2	2.93	.06	1.46	1	1
C 74361	1	111	4	66	.1	15	20	683	3.90	9	5	ND	1	75	.2	2	2	75	3.54	.130	3	33	1.41	137	.17	2	1.99	.04	.61	1	1
C 74362	1	156	2	76	.2	19	23	714	4.28	8	6	ND	1	66	.4	2	4	90	3.29	.151	4	32	1.47	195	.19	2	2.22	.03	1.04	1	3
C 74363	1	165	2	74	.2	23	25	861	4.69	14	5	ND	2	79	.7	3	5	112	5.33	.124	2	55	1.75	311	.22	2	2.68	.03	1.45	1	3
STANDARD C/AU-R	21	63	36	127	7.8	67	32	978	4.01	40	19	7	40	52	17.8	17	23	56	.45	.095	39	57	.79	183	.08	33	1.80	.06	.14	12	530
STANDARD C	20	61	43	133	7.6	71	33	1053	3.92	42	17	7	40	52	19.2	15	18	59	.46	.100	39	60	.90	184	.08	33	1.89	.06	.13	13	-

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.

THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.

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

DATE RECEIVED: OCT 1 1990 DATE REPORT MAILED: Oct 5/90. SIGNED BY: D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
C 74364	1	138	6	69	.3	15	20	743	4.08	6	5	ND	2	100	.6	2	2	87	5.27	.126	3	34	1.51	242	.22	2	2.33	.04	.94	.2	2
C 74365	1	171	3	70	.3	18	21	780	4.13	8	5	ND	1	97	.2	3	2	98	5.28	.142	4	34	1.45	207	.23	2	2.32	.04	.94	1	4
C 74366	1	151	2	81	.3	35	25	954	5.00	3	5	ND	1	99	.3	2	2	118	6.00	.148	4	80	2.17	228	.22	4	3.08	.04	1.19	1	4
C 74367	1	116	2	82	.1	36	26	886	4.76	10	5	ND	1	111	.3	2	2	111	6.01	.137	4	98	2.01	152	.19	2	2.77	.04	.59	1	1
C 74368	1	152	2	78	.2	15	22	920	5.17	2	5	ND	1	92	.5	3	2	108	4.99	.138	3	24	1.67	189	.22	2	2.75	.06	.70	1	1
RE C 74372	1	6	17	67	.1	1	5	493	2.11	2	5	ND	8	185	.2	2	2	11	2.50	.060	25	3	.44	142	.08	2	1.35	.04	.57	1	5
C 74369	1	133	2	75	.1	12	19	836	4.79	2	5	ND	1	99	.5	2	2	100	4.41	.148	5	19	1.55	181	.21	2	2.51	.06	.85	1	2
C 74370	1	150	3	83	.2	16	22	906	5.30	6	5	ND	1	90	.3	2	2	124	5.13	.137	4	37	1.80	203	.21	2	2.92	.04	.92	1	3
C 74371	1	16	29	91	.3	2	5	586	2.18	3	5	ND	8	170	.5	2	5	11	2.81	.030	25	2	.41	100	.07	2	1.29	.03	.52	2	3
C 74372	1	10	12	66	.1	4	5	489	2.08	2	5	ND	6	178	.2	2	2	11	2.42	.059	25	5	.44	127	.08	2	1.36	.04	.55	1	4
C 74373	1	14	12	125	.2	1	5	595	2.39	2	5	ND	9	211	.6	2	2	14	2.58	.063	26	3	.50	159	.09	2	1.46	.05	.52	1	4
C 74374	1	2	7	79	.1	1	4	486	2.15	2	5	ND	7	218	.2	2	4	14	2.27	.065	27	2	.42	123	.08	2	1.30	.05	.53	1	1
C 74375	1	3	10	79	.2	1	5	493	2.27	2	5	ND	8	230	.2	2	2	14	2.21	.066	27	4	.44	159	.08	4	1.30	.04	.49	1	1
C 74376	1	4	14	85	.1	3	4	532	2.25	2	5	ND	8	219	.2	2	2	13	2.38	.065	28	2	.44	130	.08	2	1.28	.04	.42	1	2
C 74377	2	7	13	87	.2	2	5	601	2.33	6	5	ND	9	200	.3	2	2	10	2.78	.064	25	3	.44	49	.01	6	1.20	.03	.24	1	16
C 74378	1	78	10	71	.2	42	25	961	4.77	13	5	ND	4	315	.4	2	2	125	6.67	.072	11	131	3.36	245	.12	6	3.36	.02	.84	1	4
C 74379	1	120	5	58	.2	55	31	822	5.13	20	5	ND	2	277	.8	2	2	151	6.09	.102	5	121	3.59	460	.19	2	3.46	.02	.91	1	1
C 74380	1	110	2	61	.2	59	33	1063	5.65	19	5	ND	2	433	.6	2	2	177	9.32	.086	4	183	4.33	253	.14	2	4.03	.01	.73	1	1
C 74381	2	97	2	63	.1	49	26	1017	4.95	14	5	ND	1	447	.8	2	2	141	9.51	.074	5	153	3.12	311	.11	2	3.22	.02	.81	1	1
C 74382	1	98	4	91	.2	57	28	1071	5.15	43	5	ND	3	594	.9	15	2	76	7.34	.082	7	94	3.25	114	.04	5	2.49	.01	.39	1	1
C 74383	1	32	9	78	.5	13	10	919	2.69	45	5	ND	8	294	.4	5	2	8	5.69	.074	19	6	.77	22	.01	3	.81	.02	.17	1	2
C 74384	1	5	4	51	.1	6	5	436	2.41	11	5	ND	9	174	.2	2	2	9	2.62	.074	24	5	.46	50	.01	4	1.13	.03	.19	1	2
C 74385	1	6	2	13	.1	4	6	1363	2.46	23	5	ND	8	332	.2	2	2	3	8.04	.054	15	1	.53	20	.01	3	.73	.02	.17	1	1
C 74386	3	7	2	15	.4	11	7	1902	3.20	143	5	ND	6	637	.2	2	2	3	15.33	.051	8	1	1.06	22	.01	2	.57	.01	.14	1	1
C 74387	11	40	10	106	.8	19	10	724	3.61	54	5	ND	4	344	.7	4	2	9	6.91	.108	9	3	.92	53	.01	3	.93	.02	.19	1	1
C 74388	1	5	15	76	.1	2	6	576	2.40	2	5	ND	7	189	.2	2	2	13	2.51	.067	25	4	.55	73	.02	2	1.27	.04	.23	1	1
C 74389	4	16	10	67	.3	10	8	800	2.82	29	5	ND	4	302	.2	2	2	18	6.94	.093	10	6	.64	85	.05	2	1.51	.02	.33	1	1
C 74390	1	10	6	79	.1	6	7	781	3.06	9	5	ND	7	269	.2	3	2	32	3.65	.083	15	10	.97	250	.06	2	2.21	.03	.39	1	1
C 74391	2	17	15	87	.1	6	6	767	2.90	15	5	ND	3	233	.2	2	2	21	4.78	.087	14	7	.80	118	.04	2	1.59	.03	.28	1	1
C 74392	12	52	10	82	.4	17	10	626	2.72	60	5	ND	3	360	.2	2	2	5	7.86	.107	6	2	.48	48	.01	4	.84	.01	.16	1	1
C 74393	4	58	17	114	.3	20	18	732	3.95	88	5	ND	1	282	.5	6	2	51	7.20	.096	5	30	1.80	87	.04	2	1.98	.02	.45	1	1
C 74394	4	84	9	72	.3	34	27	954	5.73	27	5	ND	2	327	.3	5	2	111	7.23	.091	5	70	2.90	141	.08	2	3.33	.02	.59	1	2
C 74395	8	94	6	99	.8	37	18	845	4.41	51	5	ND	2	372	.4	6	2	61	8.45	.086	5	34	1.44	118	.04	2	1.94	.02	.42	1	1
C 74396	2	67	9	123	.3	23	16	540	4.20	21	5	ND	1	272	.7	6	2	21	5.69	.089	5	8	.75	55	.01	2	1.22	.02	.26	1	1
C 74397	5	63	34	89	.6	14	16	571	4.41	7	5	ND	1	226	.7	3	2	41	4.29	.099	5	13	1.23	93	.07	2	1.73	.03	.51	1	1
C 74398	1	58	16	73	.4	14	19	688	4.96	12	5	ND	1	129	.3	3	4	91	3.20	.107	5	25	1.76	257	.21	2	2.78	.04	1.28	1	2
C 74399	1	98	2	88	.2	24	24	968	5.50	12	5	ND	1	194	.3	2	2	145	6.38	.116	5	47	2.32	289	.19	2	3.26	.04	1.13	1	3
STANDARD C/AU-R	20	61	38	134	6.8	74	32	1061	3.92	40	17	7	40	52	19.4	14	17	58	.46	.089	40	55	.89	188	.08	34	1.92	.06	.13	11	540
STANDARD C	19	58	40	132	6.7	69	32	1047	3.94	39	19	7	37	53	19.6	15	21	56	.45	.092	38	55	.90	183	.07	34	1.90	.06	.14	11	.

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SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
C 74400	1	98	6	68	.7	31	22	919	5.18	6	5	ND	2	211	.2	2	2	142	6.40	.101	5	49	2.09	321	.17	6	3.10	.03	1.09	1	4
C 74401	1	81	4	80	.6	38	25	611	4.95	24	5	ND	3	104	.2	2	2	99	3.23	.124	6	18	1.51	356	.25	8	2.76	.04	1.57	2	1
C 74402	1	86	6	82	.6	46	26	703	4.51	30	5	ND	3	137	.2	3	2	73	4.30	.121	6	16	1.23	83	.05	8	1.90	.03	.36	1	1
C 74403	1	38	4	64	.5	19	14	779	3.81	19	5	ND	2	167	.2	2	2	95	3.48	.105	5	6	1.33	183	.15	8	2.20	.03	.96	1	3
C 74404	1	82	6	83	.6	46	27	689	4.61	29	5	ND	3	146	.2	2	2	110	4.34	.122	6	26	1.44	410	.26	7	2.79	.04	1.50	1	1
C 74405	1	59	3	81	.6	53	28	629	4.19	60	5	ND	3	126	.2	2	2	80	4.64	.115	6	14	1.27	235	.23	7	2.40	.03	1.37	1	1
C 74406	1	74	2	89	.6	43	23	674	3.80	43	5	ND	2	119	.2	2	2	75	4.44	.110	6	18	1.19	172	.20	8	2.14	.03	1.24	1	3
C 74407	8	81	6	67	1.0	39	21	683	4.32	38	5	ND	2	120	.2	2	2	75	4.76	.115	5	13	1.20	143	.16	8	2.01	.03	1.01	1	4
C 74408	15	130	16	117	1.4	19	12	735	3.99	30	5	ND	2	191	.7	3	2	37	6.66	.143	6	10	.84	60	.05	9	1.56	.02	.42	1	4
C 74409	1	120	4	80	.5	18	16	876	4.35	12	5	ND	2	300	.2	2	2	103	6.46	.150	6	30	1.45	221	.19	7	2.87	.02	1.29	1	1
C 74410	1	155	4	83	.4	20	16	738	4.24	14	5	ND	3	146	.2	2	2	117	4.66	.148	6	27	1.42	295	.24	8	2.52	.05	1.16	1	1
C 74411	1	113	2	89	.5	21	16	881	4.45	7	5	ND	3	225	.4	2	2	123	6.55	.124	6	43	1.73	333	.21	7	2.95	.02	1.22	1	9
C 74412	5	121	35	124	.9	49	18	708	5.07	15	5	ND	4	185	.8	2	2	151	5.03	.142	7	99	2.14	146	.18	7	2.75	.03	1.35	1	3
C 74413	1	104	18	109	.9	34	17	776	4.53	25	5	ND	3	270	1.0	2	2	116	7.39	.124	7	72	1.86	123	.12	8	2.47	.02	.98	1	5
C 74414	3	95	9	116	.5	46	22	725	5.01	24	5	ND	3	122	.5	2	2	154	3.73	.145	7	87	2.31	348	.17	8	3.16	.04	1.34	2	1
C 74415	1	117	11	83	.7	31	19	713	5.44	10	5	ND	3	129	.6	3	2	154	3.75	.158	7	82	2.30	195	.09	7	2.83	.04	.66	1	2
C 74416	1	114	10	105	.5	41	19	649	5.24	35	5	ND	3	203	.5	4	2	150	4.33	.140	6	95	2.13	213	.11	8	2.66	.04	.85	1	11
C 74417	1	141	5	80	.4	67	25	805	5.12	129	5	ND	3	240	.2	2	2	157	6.16	.179	7	180	2.98	606	.17	7	3.45	.03	1.35	1	8
C 74418	1	145	4	57	.4	57	20	794	4.20	21	5	ND	3	293	.2	2	2	118	6.60	.159	7	156	2.49	222	.13	8	2.44	.03	.69	1	4
C 74419	1	170	4	57	.4	58	20	691	3.87	9	5	ND	2	296	.2	2	2	101	4.87	.174	6	160	2.27	340	.19	7	2.47	.05	1.36	1	4
C 74420	1	170	5	60	.3	60	21	677	4.09	8	5	ND	2	272	.2	2	2	112	4.74	.177	7	160	2.37	346	.18	8	2.59	.04	1.38	1	11
C 74421	1	163	4	61	.3	63	23	693	4.23	11	5	ND	2	260	.2	2	2	109	4.21	.178	5	154	2.99	301	.21	8	2.98	.04	1.80	1	5
C 74422	1	174	5	57	.4	58	20	655	3.84	4	5	ND	3	205	.2	2	2	97	3.44	.181	6	150	2.66	251	.20	8	2.53	.04	1.59	1	10
RE C 74418	1	160	6	60	.3	59	21	833	4.40	14	5	ND	3	308	.2	3	2	124	6.95	.167	7	162	2.61	231	.14	9	2.59	.03	.72	1	4
C 74423	1	159	4	60	.5	63	21	679	3.99	6	5	ND	3	234	.2	2	2	100	4.17	.176	6	154	2.69	279	.18	7	2.64	.04	1.36	2	6
C 74424	1	151	4	63	.3	66	23	731	4.23	8	5	ND	2	217	.2	2	2	102	5.68	.160	5	151	2.53	379	.20	9	2.71	.04	1.50	1	2
C 74425	1	166	4	51	.3	56	19	597	3.50	8	5	ND	1	236	.2	2	2	94	4.63	.164	5	145	2.11	214	.18	9	2.15	.07	.99	2	1
C 74426	1	194	3	52	.4	57	19	543	3.37	3	5	ND	2	215	.2	2	2	81	4.40	.173	4	136	1.88	267	.17	8	1.94	.07	.87	1	3
C 74427	2	194	4	55	.5	57	20	586	3.57	5	5	ND	3	209	.2	2	2	88	4.02	.168	5	146	2.11	266	.18	7	2.13	.07	1.01	1	3
C 74428	1	159	5	52	.3	55	18	594	3.49	3	5	ND	2	214	.2	2	2	91	3.67	.171	5	148	2.23	300	.17	8	2.17	.06	1.17	2	1
C 74429	19	261	3	57	.5	59	19	709	3.84	5	5	ND	2	236	.2	2	2	96	6.01	.155	5	137	2.32	241	.17	7	2.25	.04	1.21	1	15
C 74430	1	167	4	54	.3	59	20	571	3.62	2	5	ND	2	219	.2	3	2	94	2.98	.179	5	143	2.54	168	.19	8	2.27	.04	1.52	1	5
C 74431	1	161	3	59	.3	61	20	613	3.74	2	5	ND	2	231	.2	2	2	99	3.28	.176	5	149	2.62	128	.20	8	2.47	.04	1.63	1	4
C 74432	1	86	9	75	.3	36	13	648	3.24	3	5	ND	2	148	.2	2	2	62	2.23	.124	4	86	1.70	212	.17	8	1.95	.05	1.16	1	1
C 74433	1	157	6	51	.3	45	15	555	2.97	6	5	ND	2	167	.2	2	2	66	4.14	.151	4	113	1.47	181	.16	8	1.58	.07	.67	1	3
C 74434	1	181	2	58	.4	60	21	582	3.73	5	5	ND	2	153	.2	2	2	94	2.87	.179	5	147	2.56	139	.18	9	2.29	.05	1.18	1	4
C 74435	1	161	3	46	.4	54	18	605	3.03	4	5	ND	2	241	.2	2	2	72	6.24	.156	4	113	1.83	81	.15	7	1.67	.06	.58	1	2
STANDARD C/AU-R	17	57	36	132	7.3	70	32	1050	3.99	42	23	8	42	55	18.8	16	18	57	.46	.090	40	57	.89	197	.07	39	1.91	.06	.13	12	540
STANDARD C	17	57	38	131	7.2	69	31	1050	3.94	36	22	7	39	53	18.7	15	19	57	.45	.090	38	57	.90	181	.07	40	1.89	.06	.14	11	-

SNOWSHOE

DP Resources Canada Ltd. PROJECT 10148 FILE # 90-4950

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SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Co	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppb
C 74436	1	182	2	48	.1	58	18	462	3.09	2	5	ND	1	139	.2	2	2	86	1.84	.189	6	143	2.26	89	.19	2	2.05	.05	1.46	1	4
RE C 74441	1	179	3	44	.3	55	17	535	2.86	5	5	ND	1	208	.4	2	2	80	5.06	.168	4	144	1.56	148	.17	2	1.67	.07	1.16	1	1
C 74437	1	179	4	46	.3	56	18	521	3.03	2	5	ND	1	156	.2	3	2	79	3.54	.184	4	143	1.91	343	.18	2	1.93	.06	1.25	1	2
C 74438	1	179	2	54	.2	62	20	672	3.53	2	5	ND	1	230	.5	3	2	98	5.20	.183	5	148	2.16	171	.18	2	2.06	.05	1.12	1	2
C 74439	15	213	7	52	.1	72	23	676	3.67	8	5	ND	1	232	.2	2	2	81	6.99	.174	4	140	1.85	160	.16	2	1.80	.06	.51	1	1
C 74440	1	174	5	50	.3	58	19	517	3.30	3	8	ND	1	163	.4	2	2	90	2.81	.188	5	152	2.15	179	.19	2	2.06	.05	1.32	1	2
C 74441	1	182	4	45	.2	54	18	550	2.95	2	5	ND	2	215	.3	3	2	82	5.28	.173	4	150	1.61	155	.18	2	1.70	.07	1.19	1	1
C 74442	1	159	4	43	.1	55	18	498	2.81	2	5	ND	1	249	.3	2	2	77	5.80	.174	4	139	1.36	85	.17	2	1.44	.07	.99	1	3
C 74443	1	181	4	48	.3	58	18	495	2.94	2	5	ND	1	227	.2	3	2	82	4.53	.175	4	151	1.61	92	.18	2	1.63	.05	1.10	1	1
C 74444	1	166	3	47	.2	57	18	675	2.72	4	5	ND	2	270	.2	2	2	77	9.39	.160	3	123	1.36	74	.16	2	1.45	.05	.95	1	1
C 74445	1	130	2	70	.2	40	22	852	4.89	2	5	ND	1	214	.2	3	2	128	5.09	.172	5	104	2.21	336	.20	2	2.77	.05	1.21	1	1
C 74446	1	161	2	55	.3	66	20	786	3.74	2	5	ND	1	246	.4	2	2	108	7.03	.170	4	164	2.11	353	.20	2	2.21	.06	1.41	1	2
C 74447	1	213	5	60	.4	73	23	835	4.05	2	5	ND	2	276	.2	2	2	117	9.17	.191	5	177	2.09	277	.22	3	2.35	.05	1.72	1	1
C 74448	9	182	5	59	.2	68	21	828	3.78	2	5	ND	1	287	.3	2	2	110	9.24	.176	5	166	2.02	229	.19	2	2.19	.05	1.51	1	1
C 74449	1	174	2	60	.4	52	20	916	3.92	4	5	ND	3	259	1.1	2	2	112	9.75	.181	4	171	2.02	576	.21	2	2.40	.05	1.68	1	3
C 74450	2	138	2	62	.6	50	19	896	4.12	3	5	ND	3	208	.5	2	2	115	8.43	.182	4	166	2.15	698	.21	2	2.62	.05	1.81	1	6
C 74451	1	218	2	62	.4	66	22	719	4.16	3	5	ND	3	248	.4	2	5	119	6.16	.192	6	181	2.49	379	.22	2	2.63	.05	1.80	1	3
C 74452	1	194	2	59	.2	67	22	616	3.90	2	5	ND	1	175	.3	2	2	108	2.84	.197	5	171	2.75	435	.23	2	2.65	.06	1.90	1	10
C 74453	1	10	10	83	.1	6	5	591	2.43	10	5	ND	7	197	.2	2	2	7	2.99	.094	27	3	.57	54	.01	2	.78	.02	.19	1	2
C 74454	1	11	10	73	.2	8	7	547	2.81	27	5	ND	8	141	.2	2	2	7	2.64	.093	27	3	.49	81	.01	4	.74	.03	.19	1	1
C 74455	2	15	9	80	.5	12	8	571	2.65	65	5	ND	6	222	.2	4	2	4	3.04	.090	13	10	.86	53	.01	2	.46	.02	.20	1	4
C 74456	1	10	9	55	.3	6	5	761	2.83	19	5	ND	8	211	.2	2	2	5	3.82	.095	22	2	.85	50	.01	4	.49	.03	.19	1	3
C 74457	1	12	9	74	.1	6	6	674	2.57	13	5	ND	8	188	.2	2	2	5	3.26	.100	29	2	.71	50	.01	4	.60	.02	.21	1	2
C 74458	1	7	11	65	.1	5	6	787	2.72	7	5	ND	8	313	.2	2	2	9	4.17	.097	26	4	.69	56	.01	5	.90	.02	.22	1	1
C 74459	2	34	15	199	.7	24	10	542	3.06	55	5	ND	3	166	.6	4	2	7	3.17	.088	9	10	.77	53	.01	6	.57	.02	.19	1	2
C 74460	8	62	14	516	.7	47	12	706	3.62	16	5	ND	2	284	6.8	3	2	24	8.29	.089	7	15	.65	63	.01	3	1.01	.02	.13	1	1
C 74461	2	60	16	141	.6	33	13	374	3.97	13	9	ND	1	124	1.3	3	2	19	2.50	.088	10	18	1.18	58	.01	2	1.37	.02	.13	1	1
C 74462	1	62	12	112	.5	32	13	409	3.73	20	5	ND	1	123	.5	5	4	19	2.94	.081	6	25	.94	61	.01	2	1.26	.02	.10	1	1
C 74463	3	67	26	193	.4	40	13	514	3.84	18	5	ND	1	173	1.3	6	2	16	5.02	.085	6	19	.68	57	.01	2	1.01	.02	.12	1	1
C 74464	2	68	14	159	.2	33	12	572	3.71	26	5	ND	1	159	1.1	2	2	18	5.99	.080	6	17	.76	68	.01	2	1.27	.02	.11	1	1
C 74465	5	51	11	98	.2	31	10	505	3.21	133	5	ND	1	163	.2	5	2	18	4.83	.101	9	10	.75	74	.01	2	1.57	.01	.17	1	1
C 74466	2	90	4	126	.5	20	20	897	5.58	129	5	ND	1	169	.2	6	5	108	4.57	.123	7	36	2.70	42	.01	2	3.03	.02	.07	1	2
STANDARD C/AU-R	19	58	35	122	6.7	70	30	1003	3.88	38	17	8	39	53	17.9	17	16	54	.46	.088	37	54	.83	173	.07	33	1.77	.06	.14	11	540
STANDARD C	20	58	40	130	7.2	72	32	1049	3.95	40	20	7	39	52	19.7	14	22	57	.45	.094	39	58	.91	181	.07	33	1.88	.06	.14	11	-

ACME ANALYTICAL LABORATORIES LTD.

852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6

PHONE (604) 253-3158 FAX (604) 253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

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700 - 890 W. Pender St., Vancouver BC V6B 4W3 Submitted by: RUSSELL BARNES

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Hg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
C 74467	1	71	5	121	.1	15	16	775	4.75	13	5	ND	1	75	1.5	2	2	139	4.19	.126	8	26	1.75	33	.14	3	2.34	.05	.10	1	2
C 74468	1	65	4	91	.2	14	15	896	5.27	18	5	ND	1	98	.4	2	2	132	4.12	.146	9	25	1.75	35	.13	2	2.67	.06	.12	1	5
RE C 74472	2	59	4	77	.2	15	16	804	4.39	36	5	ND	1	156	.3	6	2	71	6.41	.132	7	19	1.41	27	.09	3	1.46	.03	.11	1	1
C 74469	1	47	4	126	.3	10	13	783	4.06	12	7	ND	3	191	.7	2	2	85	5.36	.110	10	13	1.22	31	.03	3	1.96	.05	.15	1	6
C 74470 SD90-9	1	5	15	94	.2	6	4	614	1.98	77	5	ND	8	220	.4	5	2	7	5.56	.059	12	4	.31	23	.01	5	.84	.02	.17	1	2
C 74471	10	41	12	85	.3	20	12	633	3.36	176	5	ND	4	216	.5	15	2	29	6.24	.090	8	7	.86	34	.01	4	1.22	.02	.18	1	1
C 74472	2	62	4	79	.1	14	16	802	4.39	32	5	ND	1	155	.3	5	2	71	6.34	.131	7	19	1.40	26	.09	2	1.45	.03	.11	1	1
C 74473	3	72	6	75	.2	18	17	796	4.55	14	5	ND	1	100	.5	2	2	99	4.85	.131	8	17	1.48	21	.14	4	1.45	.04	.09	1	2
C 74474	13	66	5	72	.1	46	13	623	3.93	12	5	ND	1	149	.3	2	2	56	6.74	.135	8	16	.91	28	.12	2	1.15	.03	.12	1	1
C 74475	3	72	5	84	.2	17	15	748	4.14	15	5	ND	1	108	.4	3	2	70	5.41	.130	8	15	1.38	25	.15	3	1.43	.04	.12	1	1
C 74476	3	69	5	92	.2	20	15	638	5.02	79	5	ND	2	91	.7	4	2	60	3.67	.121	8	14	1.32	28	.04	2	1.52	.03	.12	1	3
C 74477	5	67	10	174	.2	35	13	513	3.94	59	5	ND	2	146	1.3	4	2	56	5.24	.100	9	18	1.10	33	.04	2	1.29	.03	.14	1	2
C 74478	1	82	10	107	.4	56	16	685	4.37	46	6	ND	2	210	.8	4	2	66	6.45	.096	9	115	2.27	22	.01	3	2.02	.02	.10	1	2
C 74479	4	66	3	68	.3	24	17	854	4.60	57	8	ND	2	186	.5	7	2	76	8.81	.103	7	57	1.63	16	.03	2	1.59	.03	.07	1	7
C 74480	1	81	3	77	.2	18	17	826	4.91	20	5	ND	1	100	.2	4	2	117	5.23	.132	8	33	1.53	17	.12	2	1.70	.04	.06	1	1
C 74481	1	75	6	65	.3	13	17	825	4.72	43	5	ND	2	156	.4	4	2	128	6.10	.115	8	24	1.51	12	.03	2	1.67	.04	.05	1	2
C 74482	2	52	2	48	.4	7	10	1037	3.71	363	7	ND	1	231	.4	14	2	64	16.69	.078	8	9	.98	12	.01	2	1.13	.02	.06	1	4
C 74483	3	90	24	93	.3	13	13	784	4.12	120	5	ND	1	110	.5	8	2	62	6.97	.135	8	15	1.26	25	.05	2	1.33	.03	.10	1	1
C 74484	12	78	14	81	.4	30	14	446	4.05	27	5	ND	2	92	.4	4	2	29	4.42	.130	9	16	.62	30	.11	3	.87	.03	.13	1	2
C 74485	12	99	13	206	.6	40	13	512	4.75	53	5	ND	2	166	2.4	9	2	54	4.96	.107	10	25	.93	25	.03	3	1.16	.03	.11	1	1
C 74486	8	102	13	261	.5	51	14	434	4.12	71	5	ND	2	95	3.5	10	2	58	3.68	.103	12	33	1.00	28	.01	3	1.29	.03	.12	1	2
C 74487	5	85	11	181	.4	31	16	626	4.33	39	5	ND	2	86	1.6	3	2	92	3.75	.125	9	41	1.52	21	.11	2	1.53	.03	.09	1	12
C 74488	2	54	2	42	.3	18	15	929	4.26	56	5	ND	1	119	.4	8	2	90	7.00	.107	8	34	1.52	14	.01	2	1.75	.03	.06	1	3
C 74489	10	63	6	78	.2	33	15	673	3.96	25	5	ND	1	114	.5	4	2	45	6.38	.125	7	12	1.05	41	.07	2	1.23	.03	.11	1	2
C 74490	9	43	12	79	.3	31	11	591	3.53	28	5	ND	3	128	.4	3	2	37	4.82	.114	9	9	.87	34	.06	3	1.13	.03	.13	1	1
C 74491	8	25	16	77	.3	27	6	531	2.34	19	5	ND	6	173	.3	2	2	17	4.72	.084	16	7	.44	42	.06	4	.96	.02	.18	1	3
C 74492	13	57	6	66	.3	48	12	613	3.52	13	7	ND	2	169	.5	4	2	37	8.83	.116	8	12	.83	33	.10	2	1.05	.02	.11	1	1
C 74493	1	65	7	66	.3	11	14	808	3.85	35	5	ND	1	169	.4	4	2	57	8.13	.121	7	12	1.19	21	.03	2	1.37	.02	.12	1	4
C 74494	1	85	2	68	.3	17	16	816	4.58	244	5	ND	2	172	.4	11	2	91	5.87	.124	8	24	1.42	12	.01	2	1.96	.02	.08	1	1
C 74495	1	73	5	69	.2	11	15	816	3.93	50	5	ND	1	151	.5	4	2	64	6.71	.115	8	11	1.18	16	.01	3	1.50	.03	.09	1	4
C 74496	3	85	7	128	.4	32	17	920	4.50	151	5	ND	1	167	1.0	7	2	82	6.67	.107	7	75	1.77	16	.01	2	2.12	.01	.09	1	2
C 74497	4	83	4	88	.5	14	15	771	3.71	10	8	ND	2	128	.6	3	2	48	6.98	.137	7	14	.92	30	.01	3	1.26	.03	.17	1	11
C 74498	3	135	2	418	.3	14	15	669	4.32	14	5	ND	1	102	2.7	4	2	64	6.12	.141	7	17	1.20	18	.02	2	1.59	.03	.10	1	4
C 74499	1	110	2	191	.3	14	15	668	4.37	31	5	ND	1	83	1.1	5	2	88	3.46	.157	8	17	1.29	19	.03	3	1.78	.04	.10	1	6
C 74500	1	85	2	74	.2	24	18	897	4.55	30	5	ND	1	136	.3	3	2	115	5.87	.128	7	70	1.91	14	.03	2	2.21	.03	.06	1	1
C 74501	2	93	6	115	.4	20	17	683	4.90	45	5	ND	1	75	.7	3	3	99	3.61	.128	6	42	1.51	19	.01	2	1.87	.03	.09	1	4
C 74502	1	79	6	96	.4	28	19	695	5.32	32	5	ND	1	75	.5	2	2	119	3.60	.113	6	60	1.67	14	.01	2	2.02	.03	.07	1	3
STANDARD C/AU-R	19	57	38	125	7.0	72	30	1036	3.89	45	19	8	40	54	18.2	17	19	56	.46	.095	39	55	.83	159	.08	32	1.80	.06	.13	11	550
STANDARD C	19	58	36	134	7.1	73	31	1052	3.95	43	16	7	40	52	18.9	15	21	59	.46	.097	40	61	.89	178	.08	34	1.89	.06	.14	11	-

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

DATE RECEIVED: OCT 3 1990 DATE REPORT MAILED: Oct 5/90 SIGNED BY: D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

SNOWSIDE

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SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	Le ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
C 74503	4	79	11	129	.4	26	19	678	5.00	31	7	ND	1	70	1.1	8	2	84	4.91	.095	5	46	1.43	20	.01	2	1.65	.03	.10	1	5
C 74504	1	57	9	113	.3	23	18	813	4.86	9	7	ND	1	61	.9	6	2	105	5.23	.099	5	49	1.68	16	.05	2	1.85	.03	.07	1	7
C 74505	1	65	7	96	.4	24	19	842	4.98	6	7	ND	1	62	.8	3	2	104	5.49	.103	5	47	1.55	16	.07	2	1.87	.04	.07	1	7
C 74506	1	64	4	62	.2	23	18	868	4.45	7	9	ND	1	82	.6	3	2	114	6.30	.114	6	47	1.42	20	.08	2	1.78	.04	.07	1	4
C 74507	2	78	6	79	.2	32	20	908	4.92	32	7	ND	1	80	.8	7	2	127	6.18	.129	6	74	1.75	16	.03	2	2.07	.03	.06	1	1
C 74508	1	85	9	654	.3	23	17	840	4.34	18	9	ND	1	76	4.1	5	2	88	5.89	.127	6	55	1.35	17	.03	2	1.78	.03	.07	1	1
C 74509	1	54	2	56	.3	26	17	888	4.41	8	8	ND	2	105	.7	4	2	111	5.79	.140	7	72	1.59	18	.06	3	2.22	.03	.06	1	3
C 74510	1	61	2	61	.2	16	14	845	4.18	14	10	ND	1	107	.6	4	2	94	7.95	.129	8	39	1.35	23	.06	3	2.14	.04	.08	1	1
C 74511	3	68	5	73	.2	10	13	745	3.83	73	5	ND	1	94	.5	8	2	64	5.78	.120	7	8	1.00	29	.02	4	1.82	.05	.14	1	1
C 74512	1	53	3	76	.2	7	13	804	4.00	9	6	ND	1	64	.6	3	2	62	4.05	.122	8	6	1.08	26	.10	2	2.10	.03	.11	1	3
C 74513	1	25	4	53	.2	4	10	683	3.37	8	5	ND	1	76	.4	3	2	30	3.47	.123	8	3	.82	34	.08	5	1.63	.05	.15	1	1
C 74514	1	87	5	78	.3	8	13	1058	4.19	6	7	ND	2	71	.4	3	2	61	4.70	.141	7	7	1.12	26	.06	5	1.97	.06	.12	1	9
C 74515	1	162	2	76	.2	7	12	1015	4.06	13	5	ND	1	77	.5	4	2	52	4.06	.179	9	5	1.05	31	.10	4	1.87	.05	.11	1	19
C 74516	1	154	4	74	.3	6	11	953	3.70	7	6	ND	1	88	.4	2	2	35	3.41	.192	10	5	1.06	41	.13	4	1.84	.04	.14	1	1
C 74517	1	171	4	83	.3	7	12	925	4.17	7	5	ND	1	68	.6	4	2	43	2.59	.187	9	6	1.29	33	.15	2	2.08	.05	.10	1	2
C 74518	1	124	5	75	.2	7	12	838	3.88	4	5	ND	2	79	.2	3	2	42	2.11	.186	7	5	1.27	28	.19	3	1.97	.06	.11	1	1
C 74519	1	100	4	79	.1	7	12	925	3.83	7	5	ND	1	70	.3	4	2	35	2.26	.184	6	6	1.24	37	.18	4	1.93	.05	.15	1	2
C 74520	1	143	2	84	.2	6	12	923	4.00	4	5	ND	1	62	.6	3	2	41	2.08	.187	7	5	1.32	35	.19	3	2.00	.05	.12	1	1
C 74521	1	233	2	71	.2	6	11	817	3.58	2	5	ND	1	92	.3	2	2	35	2.78	.178	6	6	1.13	25	.20	3	1.65	.05	.09	1	2
C 74522	1	158	2	74	.2	8	12	857	3.85	2	5	ND	2	79	.3	2	2	40	1.88	.193	8	7	1.32	28	.20	2	1.83	.05	.11	1	3
C 74523	1	147	3	77	.1	8	12	899	4.12	3	5	ND	1	75	.4	3	2	42	1.72	.195	8	7	1.37	46	.19	5	1.91	.05	.14	1	1
C 74524	1	129	3	77	.2	8	13	890	3.99	21	5	ND	1	75	.4	4	2	43	2.53	.194	8	8	1.44	20	.13	4	2.04	.05	.08	1	2
C 74525	1	181	2	74	.2	8	12	800	3.72	8	5	ND	1	85	.4	5	2	43	2.06	.190	7	7	1.38	21	.20	4	1.86	.06	.07	1	3
C 74526	1	149	2	73	.2	9	12	822	3.86	2	5	ND	1	74	.2	3	2	46	1.50	.192	7	8	1.37	26	.21	3	1.91	.07	.08	1	2
C 74527	1	148	2	78	.2	8	12	854	4.15	6	5	ND	2	82	.3	2	2	49	2.15	.188	7	10	1.37	37	.19	3	2.00	.08	.10	1	1
C 74528	1	273	2	110	.3	23	17	892	4.62	3	5	ND	2	73	.6	2	2	75	2.22	.171	7	62	2.10	11	.21	4	2.54	.05	.04	1	1
C 74529	1	108	3	70	.3	18	15	721	3.93	5	5	ND	1	110	.3	2	2	67	3.00	.158	6	28	1.44	27	.23	5	2.12	.06	.06	1	2
C 74530	1	188	3	68	.1	19	19	679	4.32	2	5	ND	1	101	.2	2	2	91	2.02	.137	4	34	1.77	34	.23	5	2.30	.04	.04	1	1
C 74531	1	169	2	60	.2	18	18	660	3.97	13	5	ND	1	93	.4	3	2	83	2.15	.128	5	30	1.68	40	.19	5	2.21	.06	.08	1	3
RE C 74527	1	147	4	77	.2	8	12	843	4.08	7	5	ND	1	82	.2	3	2	48	2.12	.187	7	8	1.35	40	.19	3	1.99	.09	.11	1	1
C 74532	1	162	4	67	.2	19	19	688	4.32	3	5	ND	1	101	.4	2	2	93	2.41	.132	4	27	1.47	48	.21	4	2.23	.09	.08	1	2
C 74533	1	164	2	72	.2	20	19	805	4.83	6	5	ND	1	85	.5	3	2	106	2.70	.135	5	42	1.81	37	.21	4	2.52	.06	.14	1	3
C 74534	1	88	3	66	.2	27	16	859	3.99	10	5	ND	1	102	.3	2	2	87	5.51	.134	4	54	1.36	21	.20	3	2.06	.05	.11	1	1
C 74535	1	94	2	65	.4	43	21	1140	4.86	6	11	ND	1	164	.7	4	2	140	13.53	.118	6	97	2.23	7	.08	2	2.60	.02	.10	1	4
C 74536	1	140	2	71	.3	17	15	841	4.21	6	8	ND	1	180	.3	2	2	92	5.77	.154	6	41	1.46	54	.10	3	2.27	.03	.14	1	3
C 74537	1	118	4	74	.3	32	19	940	4.52	3	7	ND	1	151	.4	3	2	110	6.56	.139	6	78	1.87	44	.18	2	2.52	.03	.42	1	1
C 74538	1	132	2	85	.2	32	18	917	4.87	2	5	ND	1	123	.5	2	2	122	5.00	.153	6	72	2.13	37	.11	3	2.90	.03	.27	1	4
STANDARD C/AU-R	18	58	37	129	6.1	64	29	990	3.88	37	20	7	36	47	17.8	16	17	53	.45	.084	37	53	.80	166	.08	34	1.79	.06	.14	11	530
STANDARD C	18	57	37	132	6.9	73	31	1052	3.95	43	19	7	38	55	18.9	15	20	58	.45	.097	39	60	.89	183	.07	34	1.89	.06	.14	13	-

SNOWSIAKE

BP Resources Canada Ltd. PROJECT 10148 FILE # 90-4981

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SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
C 74539	1	117	2	55	.4	32	20	1053	4.94	11	7	ND	1	87	.9	4	2	95	8.20	.140	4	73	2.36	8	.01	2	2.97	.01	.07	1	25
C 74540	1	57	2	36	.4	17	11	1404	3.42	5	5	ND	1	213	.8	2	2	66	19.27	.075	6	38	1.53	17	.05	2	1.90	.01	.08	1	4
C 74541	1	85	2	75	.2	23	20	726	4.16	12	5	ND	1	107	.7	3	2	79	2.94	.132	4	37	2.07	24	.16	2	2.29	.03	.23	1	4
C 74542	1	81	4	64	.2	17	18	805	3.95	3	5	ND	1	126	.8	3	2	78	4.49	.130	4	32	1.85	33	.17	2	2.12	.03	.26	1	1
C 74543	1	73	4	68	.2	18	18	652	4.05	8	5	ND	1	84	.5	3	2	74	2.37	.124	4	30	2.05	26	.18	2	2.23	.04	.28	1	2
C 74544	1	98	4	74	.2	18	19	749	4.69	11	5	ND	1	87	.7	3	2	94	3.05	.137	4	31	2.17	32	.15	3	2.55	.04	.47	2	3
C 74545	1	90	2	70	.3	20	20	892	4.77	10	5	ND	1	156	1.0	2	2	92	5.69	.119	4	43	2.25	38	.15	3	2.69	.02	.41	1	2
C 74546	1	95	4	67	.3	19	17	1087	4.15	12	5	ND	1	148	.8	3	2	92	6.89	.133	4	35	1.85	39	.15	2	2.34	.03	.45	1	9
C 74547	1	82	5	71	.4	20	18	1004	4.49	7	6	ND	1	160	.7	2	2	106	7.81	.120	4	45	1.96	30	.14	2	2.52	.03	.25	1	4
C 74548	1	85	2	76	.3	18	19	823	4.92	7	5	ND	1	151	.8	2	2	119	5.42	.133	5	35	1.93	28	.10	2	2.59	.02	.18	1	1
C 74549	1	69	2	83	.2	18	17	894	5.22	14	5	ND	1	130	1.0	2	2	121	5.69	.110	5	47	2.56	9	.03	4	3.17	.01	.08	2	6
C 74550	1	87	3	71	.4	14	14	1110	4.63	7	7	ND	1	207	1.0	2	2	108	9.70	.118	5	30	2.13	9	.02	2	2.69	.01	.07	1	1
C 74551	1	38	2	37	.5	9	8	1544	4.84	10	5	ND	1	251	1.3	2	2	70	21.58	.064	4	29	2.74	4	.01	2	3.27	.01	.04	1	1
C 74552	1	12	3	13	.4	6	4	2372	1.38	8	8	ND	1	524	.4	2	2	11	31.32	.023	9	7	.57	5	.01	3	.67	.01	.04	1	1
C 74553	1	14	4	72	.2	10	7	648	3.09	9	5	ND	4	76	.2	2	2	25	2.27	.106	9	13	.99	22	.07	4	1.60	.03	.17	1	1
C 74554	1	57	5	78	.2	15	14	785	4.51	7	5	ND	1	145	.4	4	2	99	3.59	.118	6	33	1.80	30	.11	2	2.36	.02	.07	1	1
C 74555	1	68	4	82	.3	22	19	880	5.23	12	5	ND	1	92	.5	2	2	129	5.00	.117	4	54	2.31	7	.12	2	2.74	.02	.02	1	2
C 74556	1	52	2	103	.3	27	20	904	5.24	7	5	ND	1	78	.6	3	2	128	3.72	.116	5	60	2.64	9	.05	2	3.01	.01	.05	1	1
C 74557	2	21	3	54	.3	16	9	1243	3.84	25	9	ND	1	160	.6	2	2	54	11.67	.087	8	34	1.97	9	.01	2	2.37	.01	.07	1	1
C 74558	1	17	2	10	.4	5	4	2039	2.58	20	7	ND	1	197	.6	2	2	23	26.81	.022	8	9	1.00	5	.01	2	1.19	.01	.02	1	1
C 74559	3	52	2	32	.4	8	8	1644	2.97	22	5	ND	1	212	.7	2	2	31	20.04	.063	7	13	1.10	8	.01	2	1.33	.01	.06	1	1
C 74560	2	65	3	56	.3	17	15	1307	3.48	12	8	ND	1	195	.7	3	2	49	14.16	.098	7	29	1.47	13	.01	3	1.94	.01	.11	1	1
C 74561	5	75	5	59	.4	21	15	1014	4.19	16	11	ND	1	167	.7	2	2	83	10.83	.107	6	49	1.68	10	.03	2	2.22	.01	.06	1	6
STANDARD C/AU-R	18	61	36	132	7.0	73	31	1053	3.92	38	21	7	39	56	19.6	15	18	58	.46	.095	39	60	.90	183	.07	33	1.90	.06	.13	11	530

ACME ANALYTICAL LABORATORIES LTD.

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GEOCHEMICAL ANALYSIS CERTIFICATE *Snowcone*

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700 - 890 W. Pender St., Vancouver BC V6B 4W3 Submitted by: RUSSELL BARNES

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Hg	Ba	Ti	S	Al	Na	K	Mg	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb
C 74562	1	33	2	36	.2	14	11	386	2.46	4	5	ND	1	100	.2	2	2	63	1.41	.103	3	24	1.01	46	.15	5	1.27	.05	.11	1	14
C 74563	1	58	2	35	.1	17	14	406	3.27	3	5	ND	1	77	.3	2	2	69	.97	.105	3	35	1.30	33	.14	3	1.31	.06	.19	1	3
C 74564	1	205	2	56	.3	18	15	447	3.36	4	5	ND	2	85	.3	6	2	72	1.06	.107	2	39	1.52	27	.15	2	1.44	.04	.15	1	7
C 74565	1	69	3	61	.1	19	15	460	3.30	4	5	ND	1	176	.2	3	2	73	1.10	.107	2	38	1.54	40	.15	3	1.56	.04	.22	1	1
C 74566	1	186	2	44	.1	20	20	409	3.78	4	5	ND	1	546	.3	2	2	89	1.02	.106	3	28	1.59	107	.14	3	1.95	.05	.48	2	3
RE C 74571	1	116	2	45	.1	22	16	388	3.71	3	5	ND	2	176	.2	3	2	96	.88	.110	2	38	1.67	65	.17	3	1.74	.05	.57	2	4
C 74567	1	409	3	42	.2	20	15	423	3.81	5	5	ND	1	699	.2	2	2	94	1.24	.106	3	39	1.61	112	.14	3	1.99	.05	.25	2	9
C 74568	1	109	2	36	.2	22	17	416	4.13	7	5	ND	2	373	.3	4	2	91	1.15	.112	3	36	1.55	84	.15	2	1.78	.06	.36	1	5
C 74569	1	74	2	38	.1	21	16	451	3.96	4	5	ND	1	197	.3	3	2	105	1.53	.112	3	36	1.64	78	.16	5	1.82	.06	.47	1	8
C 74570	1	101	2	45	.1	21	19	451	4.04	2	5	ND	1	193	.2	2	2	108	1.46	.112	2	36	1.81	74	.17	3	1.91	.06	.49	2	4
C 74571	1	105	2	45	.1	23	16	386	3.67	2	5	ND	1	174	.3	3	2	94	.87	.110	2	37	1.67	63	.16	3	1.72	.04	.57	1	4
C 74572	1	170	2	52	.2	25	18	496	4.61	2	5	ND	1	130	.3	3	2	109	.84	.117	3	44	1.94	66	.20	3	2.01	.05	.62	1	8
C 74573	1	173	2	42	.2	23	22	379	3.29	2	5	ND	2	101	.3	3	2	85	1.15	.123	4	44	1.46	49	.17	3	1.42	.05	.25	1	6
C 74574	1	175	2	49	.1	22	17	361	3.64	5	5	ND	2	159	.3	2	2	109	.90	.125	5	37	1.42	78	.18	5	1.54	.06	.43	1	2
C 74575	1	255	2	52	.2	23	20	395	3.38	2	5	ND	2	257	.2	2	2	89	1.27	.125	4	45	1.54	67	.19	2	1.59	.05	.24	1	13
C 74576	1	282	2	53	.2	23	21	417	3.64	7	5	ND	1	187	.2	3	2	95	1.17	.121	4	44	1.72	72	.19	4	1.70	.04	.42	1	6
C 74577	1	153	2	43	.1	23	21	377	3.71	2	5	ND	1	65	.2	2	2	82	.93	.120	3	47	1.65	32	.19	3	1.48	.04	.29	1	5
C 74578	1	193	2	41	.1	24	23	365	3.52	2	5	ND	1	82	.3	2	2	79	.99	.120	3	43	1.64	36	.20	3	1.52	.04	.26	1	3
C 74579	1	135	2	63	.1	23	20	492	3.93	9	5	ND	1	155	.2	2	2	120	1.57	.122	5	43	1.87	57	.21	3	1.76	.05	.23	1	1
C 74580	1	139	2	52	.1	21	18	446	4.13	6	5	ND	1	138	.2	2	2	118	.98	.118	3	30	1.70	93	.19	3	1.78	.05	.73	1	4
C 74581	1	135	2	57	.1	21	20	466	3.99	2	5	ND	2	140	.2	2	2	105	.94	.118	3	30	1.57	68	.18	2	1.61	.04	.62	1	1
C 74582	1	58	2	55	.1	23	20	499	4.29	9	5	ND	1	142	.3	3	2	114	1.21	.124	4	40	1.87	59	.19	5	1.77	.04	.38	1	1
C 74583	3	228	2	47	.1	23	20	395	3.53	5	5	ND	1	303	.3	3	2	97	1.16	.125	5	38	1.53	110	.18	3	1.65	.05	.39	1	5
C 74584	1	129	2	70	.1	20	18	445	3.61	2	5	ND	1	333	.2	3	2	103	1.35	.129	6	36	1.60	120	.17	3	1.65	.04	.24	1	9
C 74585	1	220	2	76	.1	22	19	445	3.71	6	5	ND	1	263	.3	2	2	106	1.47	.131	6	37	1.53	97	.18	4	1.59	.04	.23	1	2
C 74586	1	205	2	55	.1	23	19	455	3.65	3	5	ND	1	236	.3	2	2	102	1.54	.128	5	38	1.65	74	.19	4	1.62	.04	.14	1	1
C 74587	1	129	2	39	.1	24	20	413	3.72	3	5	ND	1	182	.2	2	2	103	1.39	.130	5	43	1.57	79	.21	3	1.53	.05	.19	1	1
C 74588	1	159	2	42	.1	23	22	473	4.22	9	5	ND	1	136	.2	2	2	110	1.56	.124	4	35	1.83	83	.23	3	1.69	.05	.28	2	6
C 74589	1	142	2	46	.1	24	20	493	4.69	13	5	ND	1	99	.2	2	2	118	1.01	.119	5	33	1.90	100	.23	4	1.83	.05	.47	1	4
C 74590	32	244	2	43	.2	23	20	577	4.47	9	5	ND	1	171	.4	3	2	116	4.47	.116	5	37	2.05	90	.21	4	1.89	.03	.29	1	6
C 74591	1	151	2	39	.1	22	21	439	4.43	5	5	ND	2	444	.2	2	2	133	1.09	.131	6	32	1.92	215	.24	5	2.06	.05	.51	1	4
C 74592	1	298	2	35	.3	25	23	482	4.50	7	5	ND	1	168	.2	2	2	94	2.11	.123	5	40	2.35	52	.22	2	2.06	.04	.13	1	710
C 74593	2	321	2	41	.3	26	21	515	5.15	10	5	ND	1	434	.3	2	2	110	1.56	.122	6	40	2.25	163	.23	2	2.43	.05	.49	1	730
C 74594	1	280	2	34	.1	24	21	453	4.00	7	5	ND	1	174	.2	2	2	100	1.28	.131	6	33	2.11	131	.24	3	2.04	.06	.33	1	3
C 74595	3	172	2	30	.1	25	23	523	4.43	7	5	ND	1	329	.2	2	2	115	1.50	.126	6	38	2.06	166	.25	3	2.13	.05	.44	1	5
C 74596	1	132	2	30	.1	23	22	482	4.73	10	5	ND	1	233	.2	4	2	143	.96	.127	6	28	1.94	280	.26	6	2.29	.06	.91	1	4
C 74597	1	118	2	26	.1	24	19	468	4.51	9	5	ND	1	211	.2	2	2	128	1.37	.124	6	36	2.10	161	.23	5	1.99	.05	.31	1	3
STANDARD C/AU-R	20	60	39	132	7.3	73	32	1060	3.99	43	20	8	42	52	19.4	18	19	60	.44	.093	42	60	.88	187	.07	34	1.91	.07	.13	11	530
STANDARD C	19	62	41	133	7.2	73	32	1053	3.95	42	21	7	40	53	19.1	15	18	60	.46	.093	42	61	.90	190	.08	37	1.90	.07	.13	13	-

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.

THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL AU DETECTION LIMIT BY ICP IS 3 PPM.

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

DATE RECEIVED: OCT 3 1990 DATE REPORT MAILED: Oct 5/90. SIGNED BY: C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

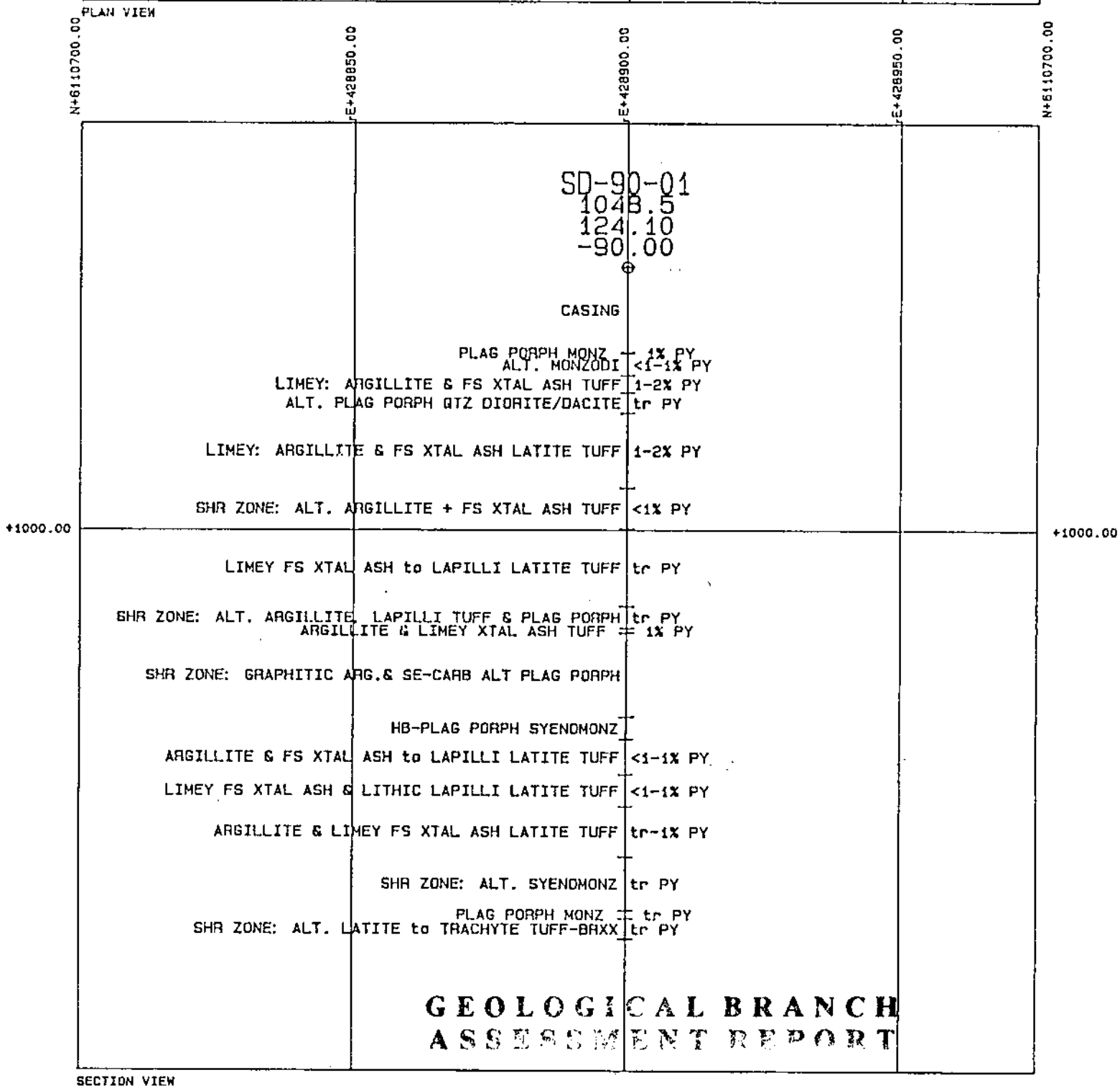
SANDWICH

BP Resources Canada Ltd. PROJECT 10148 FILE # 90-5017

Page 2

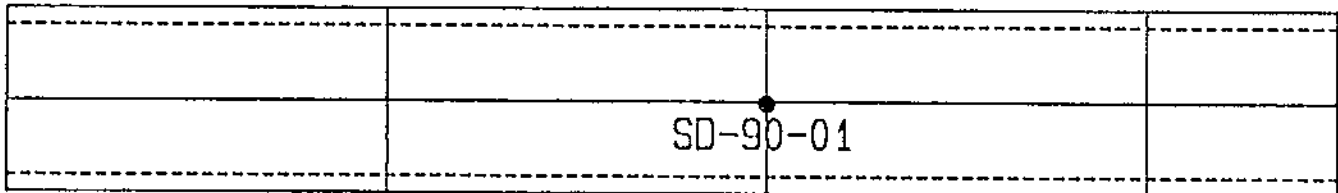
SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Hg	Ba	Ti	B	Al	Na	K	W	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb
C 74598	1	338	75	657	.4	25	28	1031	6.50	5	5	ND	3	151	3.9	2	3	146	7.26	.098	5	53	2.60	43	.17	2	2.54	.02	.12	2	66
C 74599	19	756	21	279	.7	27	32	914	6.69	9	5	ND	3	115	2.0	2	6	179	6.28	.104	5	74	3.26	20	.05	2	2.93	.01	.09	1	36
RE C 74603	1	227	2	39	.3	16	18	681	3.73	3	5	ND	1	316	.2	2	2	129	2.94	.137	7	18	1.65	73	.22	5	1.60	.04	.13	1	6
C 74600	1	243	2	59	.1	24	28	730	4.93	7	5	ND	1	325	.6	2	2	136	2.57	.118	5	43	2.66	144	.22	3	2.36	.02	.46	1	7
C 74601	1	256	2	63	.2	23	26	840	4.80	4	5	ND	1	367	.2	2	3	128	3.15	.120	6	40	2.58	114	.20	3	2.31	.02	.30	2	9
C 74602	1	470	4	46	.3	22	30	581	4.56	2	5	ND	1	229	.4	2	2	129	2.07	.123	5	32	2.24	91	.27	3	1.93	.03	.29	1	11
C 74603	1	221	2	41	.3	15	19	669	3.71	2	5	ND	1	310	.2	2	2	128	2.92	.135	7	17	1.61	66	.21	4	1.58	.03	.12	1	6
C 74604	1	97	13	78	.3	23	22	685	4.52	6	5	ND	1	125	.2	2	2	133	3.21	.117	5	41	2.01	19	.17	2	2.25	.03	.07	1	25
C 74605	1	291	2	196	.4	16	33	656	4.71	14	5	ND	2	107	1.5	2	2	113	4.42	.120	3	21	1.56	13	.19	2	1.82	.03	.05	1	18
C 74606	19	341	2	50	.4	24	39	636	4.92	12	5	ND	2	67	.3	2	2	105	3.74	.110	3	32	1.61	8	.19	2	1.85	.03	.03	1	4
C 74607	12	555	2	66	.7	20	42	889	6.47	54	5	ND	3	82	1.2	4	2	161	5.93	.110	4	40	2.24	4	.11	2	2.57	.02	.04	1	9
C 74608	1	65	2	51	.2	22	25	710	4.26	23	5	ND	1	84	.2	2	2	111	4.88	.107	4	43	1.83	10	.11	5	2.06	.02	.04	1	3
C 74609	1	66	3	61	.3	31	27	722	5.04	12	5	ND	2	126	.8	2	2	130	3.28	.133	4	54	2.19	20	.15	2	2.47	.03	.05	1	2
C 74610	1	131	2	54	.4	23	22	686	3.79	5	5	ND	1	146	.6	2	2	98	3.26	.109	3	52	1.97	30	.19	4	2.18	.04	.06	1	1
C 74611	1	91	2	47	.4	12	18	563	3.41	4	5	ND	1	148	.6	2	2	95	3.41	.098	3	17	1.47	28	.15	4	1.88	.04	.04	1	2
C 74612	1	202	3	48	.3	13	17	497	2.98	2	5	ND	1	94	.5	2	2	83	2.40	.106	3	14	1.20	25	.20	3	1.49	.04	.04	1	11
C 74613	1	96	2	42	.3	12	16	449	2.67	2	5	ND	1	66	.2	2	2	75	1.85	.106	2	13	1.01	18	.19	14	1.30	.04	.04	1	17
C 74614	1	52	3	45	.3	16	18	458	3.19	4	5	ND	1	65	.3	2	2	84	1.69	.107	3	12	1.17	15	.20	5	1.46	.04	.04	1	54
C 74615	1	66	2	47	.5	13	17	597	3.29	6	5	ND	2	83	.2	2	2	90	3.50	.102	4	17	1.29	16	.17	3	1.55	.03	.04	2	26
C 74616	1	28	2	59	.1	26	19	750	3.62	4	5	ND	1	356	.6	2	2	86	3.52	.102	3	65	1.78	79	.15	2	2.17	.04	.06	1	1
C 74617	1	168	2	90	.2	29	27	897	5.35	2	5	ND	2	138	.5	2	2	119	5.89	.111	3	69	2.35	17	.16	2	3.08	.02	.05	1	1
C 74618	1	96	2	75	.1	28	24	667	4.44	2	5	ND	1	110	.2	2	2	99	3.86	.119	4	53	2.32	19	.14	2	2.68	.03	.02	1	3
C 74619	1	170	2	94	.4	17	21	1096	4.84	8	5	ND	3	104	.5	2	2	112	12.23	.089	4	33	2.19	12	.09	2	2.63	.01	.03	1	3
C 74620	1	130	2	64	.3	26	21	635	3.48	9	5	ND	1	380	.3	2	2	87	3.54	.112	3	60	1.79	80	.18	4	2.29	.06	.06	1	2
C 74621	1	55	2	61	.3	26	22	681	3.80	2	5	ND	1	94	.2	2	2	84	3.47	.114	3	70	2.02	15	.19	2	2.21	.03	.04	1	3
C 74622	2	114	6	59	.4	22	21	614	3.44	3	5	ND	1	117	.2	2	2	83	3.91	.114	3	49	1.59	18	.19	3	1.80	.03	.04	1	2
C 74623	1	21	2	65	.3	30	24	621	3.97	6	5	ND	2	74	.2	5	2	88	2.39	.113	3	58	1.95	13	.19	3	2.02	.02	.03	1	1
C 74624	1	85	2	60	.2	28	21	502	3.29	8	5	ND	1	66	.3	2	3	69	1.69	.115	2	56	1.77	15	.20	5	1.85	.02	.02	1	1
C 74625	1	100	3	55	.1	19	20	489	3.28	6	5	ND	1	74	.3	2	2	82	1.86	.111	2	34	1.59	17	.21	3	1.65	.03	.02	1	1
C 74626	1	127	2	62	.3	13	22	628	3.92	8	5	ND	1	132	.5	2	6	104	3.29	.098	2	20	1.67	9	.17	2	1.87	.03	.01	1	17
C 74627	1	145	2	63	.2	12	20	594	3.71	9	5	ND	1	87	.6	2	2	100	2.82	.106	3	16	1.45	23	.17	2	1.78	.04	.03	1	3
C 74628	1	97	2	53	.1	19	18	390	2.64	5	5	ND	1	97	.2	2	2	68	1.50	.105	2	32	1.11	26	.23	7	1.51	.05	.04	1	8
C 74629	1	93	2	65	.1	26	22	408	3.07	7	5	ND	1	53	.2	2	2	67	1.06	.120	2	40	1.51	19	.22	2	1.76	.04	.04	1	1
C 74630	1	79	2	66	.1	26	22	423	2.91	10	5	ND	1	55	.3	2	2	65	1.33	.119	2	36	1.47	17	.22	3	1.69	.04	.04	1	2
C 74631	1	99	2	71	.1	20	21	574	3.37	16	5	ND	1	174	.2	2	4	81	3.70	.116	2	43	1.63	30	.21	6	1.87	.04	.04	1	8
C 74632	1	71	2	41	.1	13	15	327	1.85	5	5	ND	1	145	.2	2	2	57	1.50	.125	2	17	.86	13	.22	3	1.25	.03	.03	1	8
C 74633	1	229	2	100	.3	22	25	542	3.85	13	5	ND	1	86	.6	2	2	85	1.59	.115	2	35	1.91	32	.24	2	2.08	.04	.03	1	2
C-74634-74634	2	196	2	80	.4	24	22	445	3.23	10	5	ND	1	110	.2	3	2	70	1.66	.117	3	32	1.52	36	.20	5	1.80	.05	.05	1	1
STANDARD C/AU-R	19	64	40	131	6.9	70	32	1032	3.92	41	18	8	38	54	18.4	17	21	56	.46	.096	38	57	.87	194	.08	36	1.86	.06	.14	11	520
STANDARD C	19	58	41	135	7.0	73	32	1058	3.97	44	21	7	38	52	19.0	15	20	58	.45	.096	39	60	.91	187	.08	34	1.90	.06	.13	12	-

		SD-90-01	

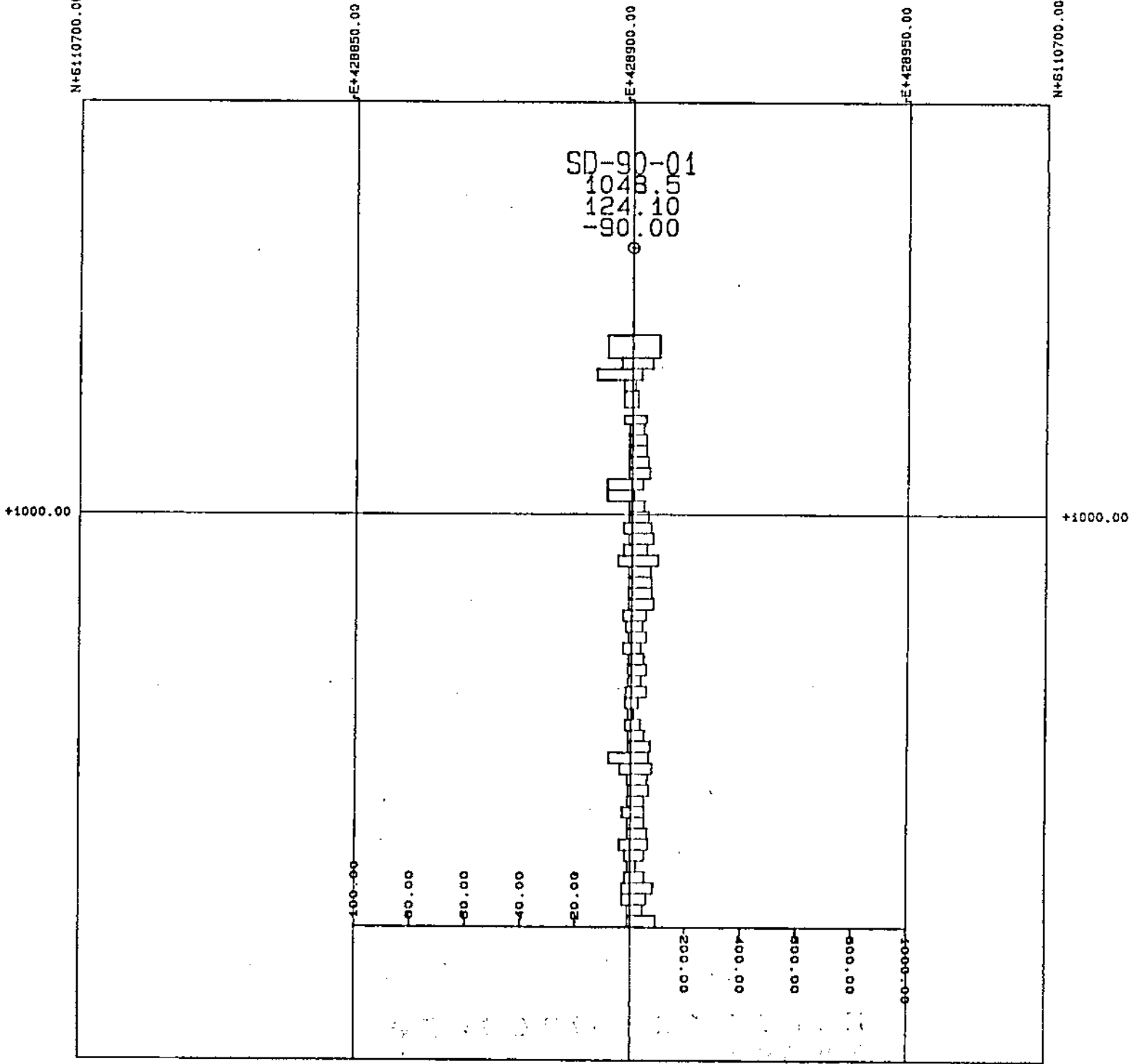


21,078

BPVR 90-5
FIGURE 6.



PLAN VIEW



SECTION VIEW

BPVR 90-5
FIGURE 7.

QUICK-PLOT
GEMCOM Services Inc.

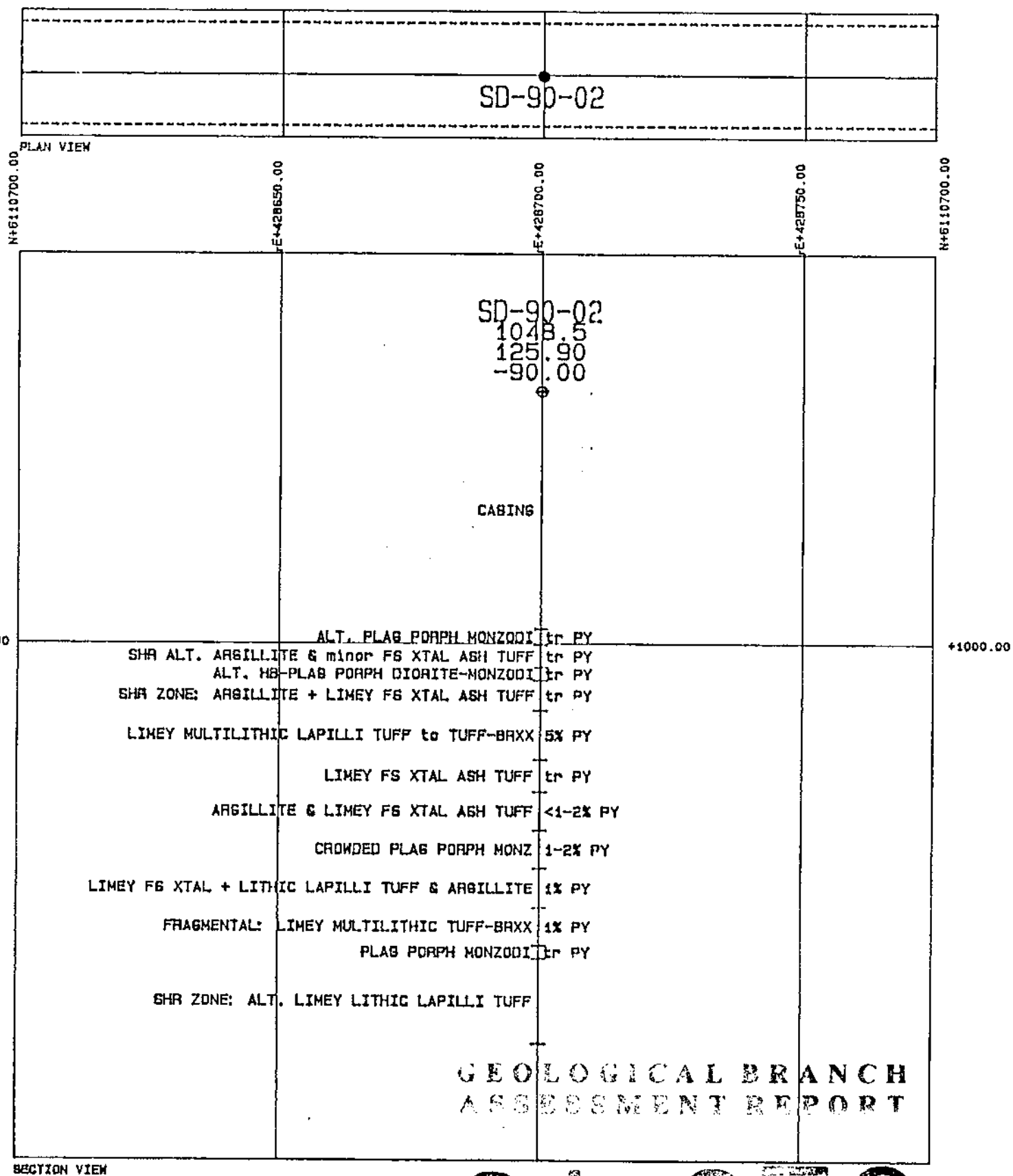
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TIME = 17:24:58

BP Resources Canada
Vancouver Office

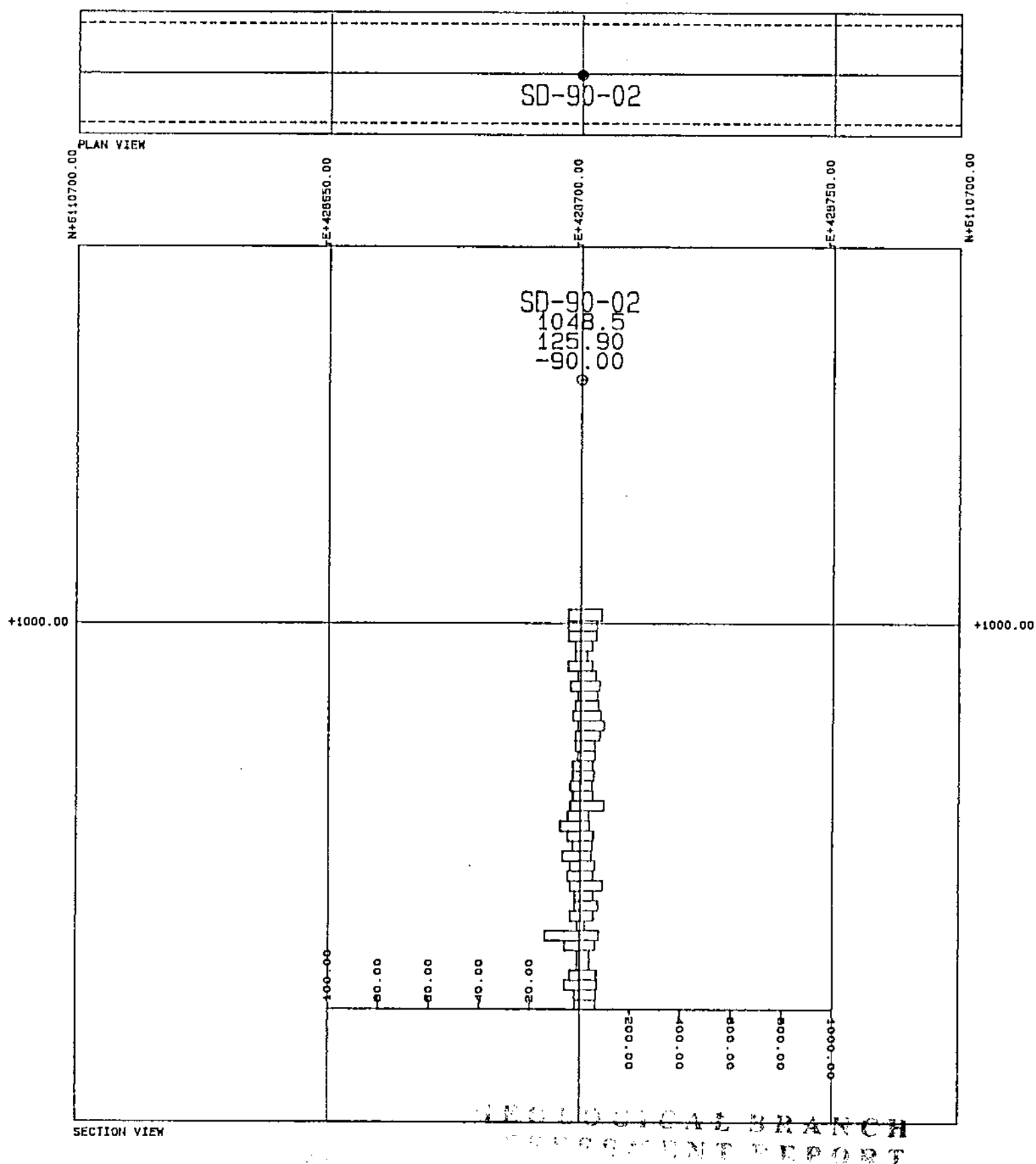
BP SNOWSHOE PROJECT
DRILLHOLE SECTION: DDH 90-01
AU (ppb) vs CU (ppm)
DRB November 30, 1990

HORIZONTAL SCALE = 1 : 1000

VERTICAL SCALE = 1 : 1000

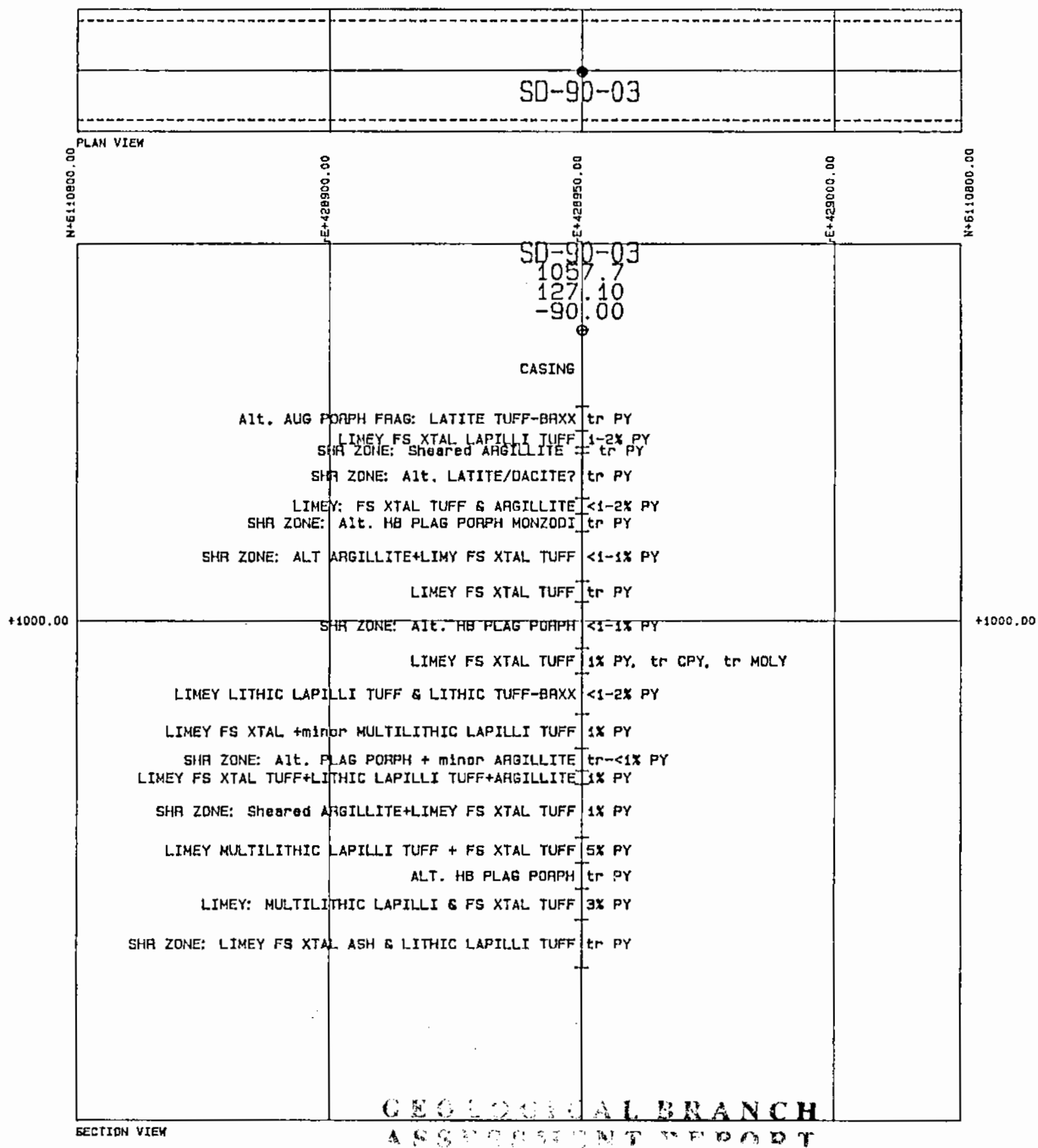


BPVR 90-5
FIGURE 8.



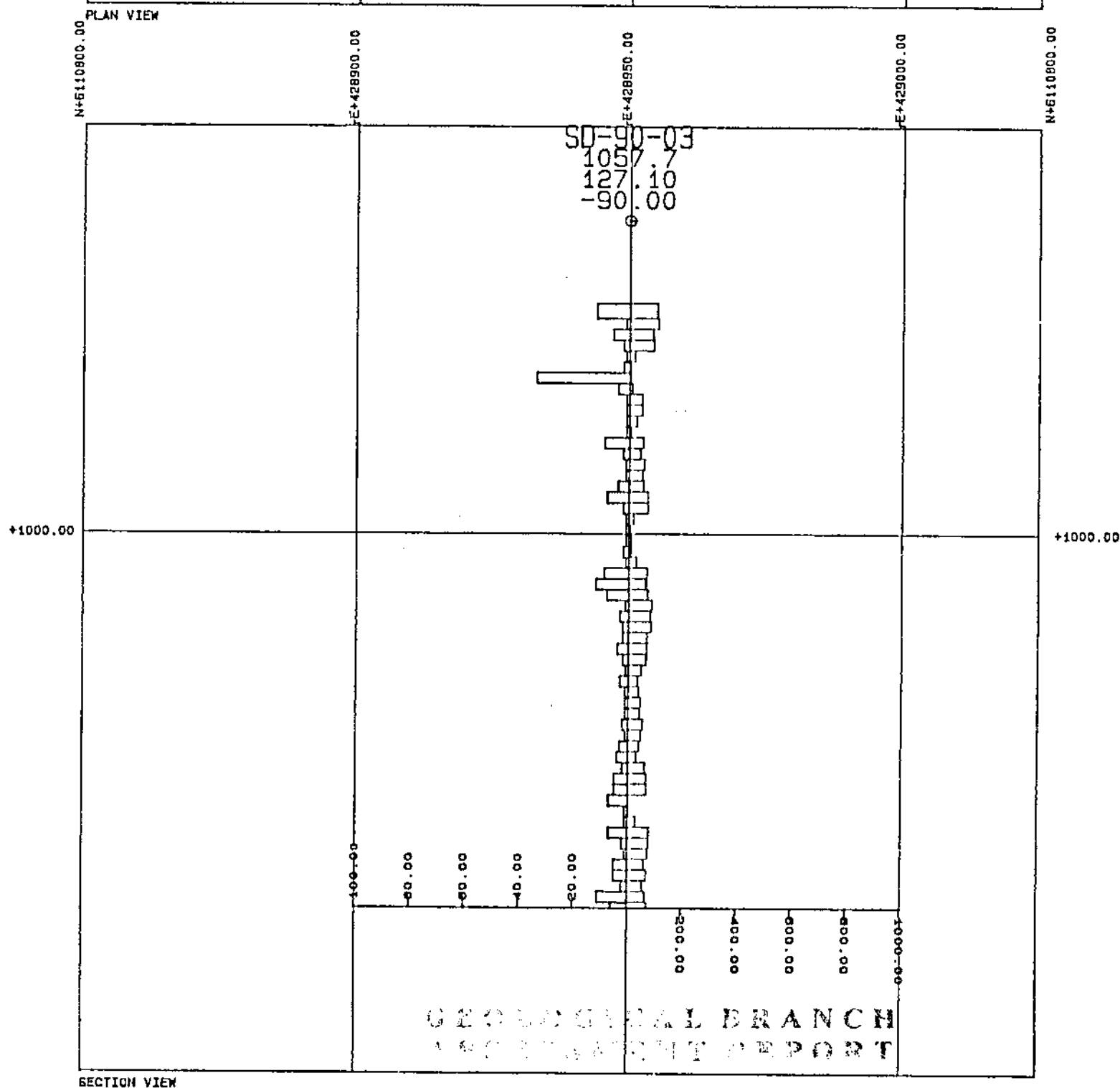
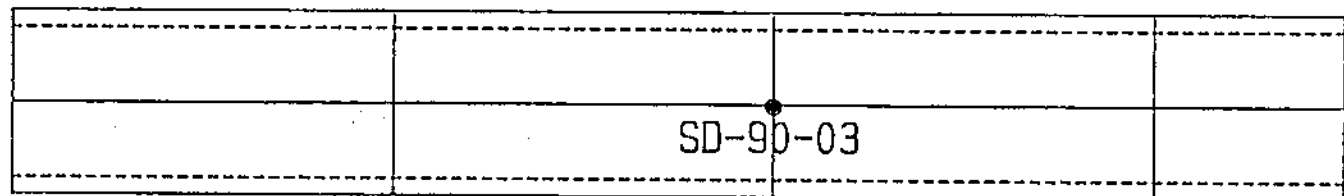
21,078

BPVR 90-5
FIGURE 9.



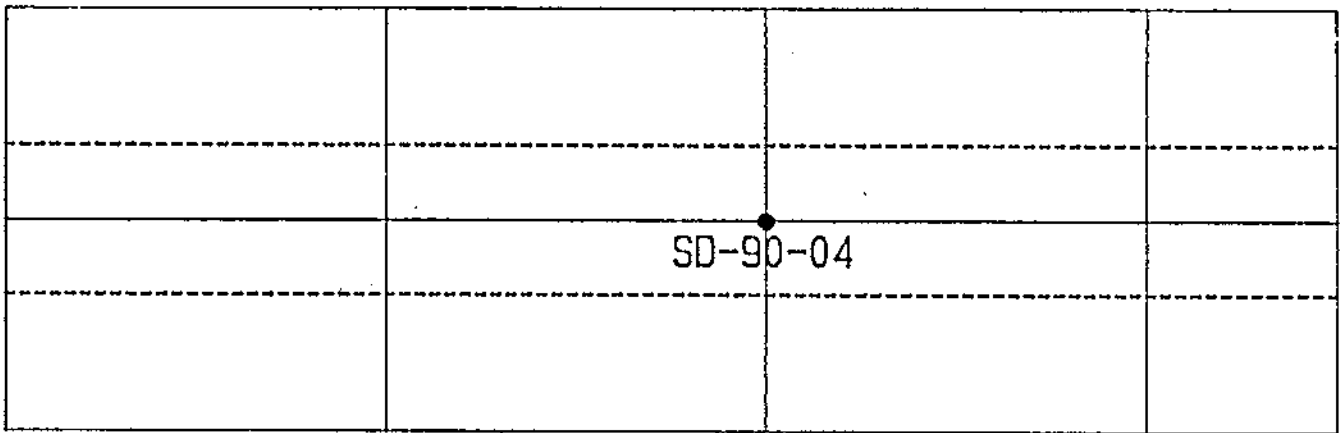
21,078

BPVR 90-5
FIGURE 10.



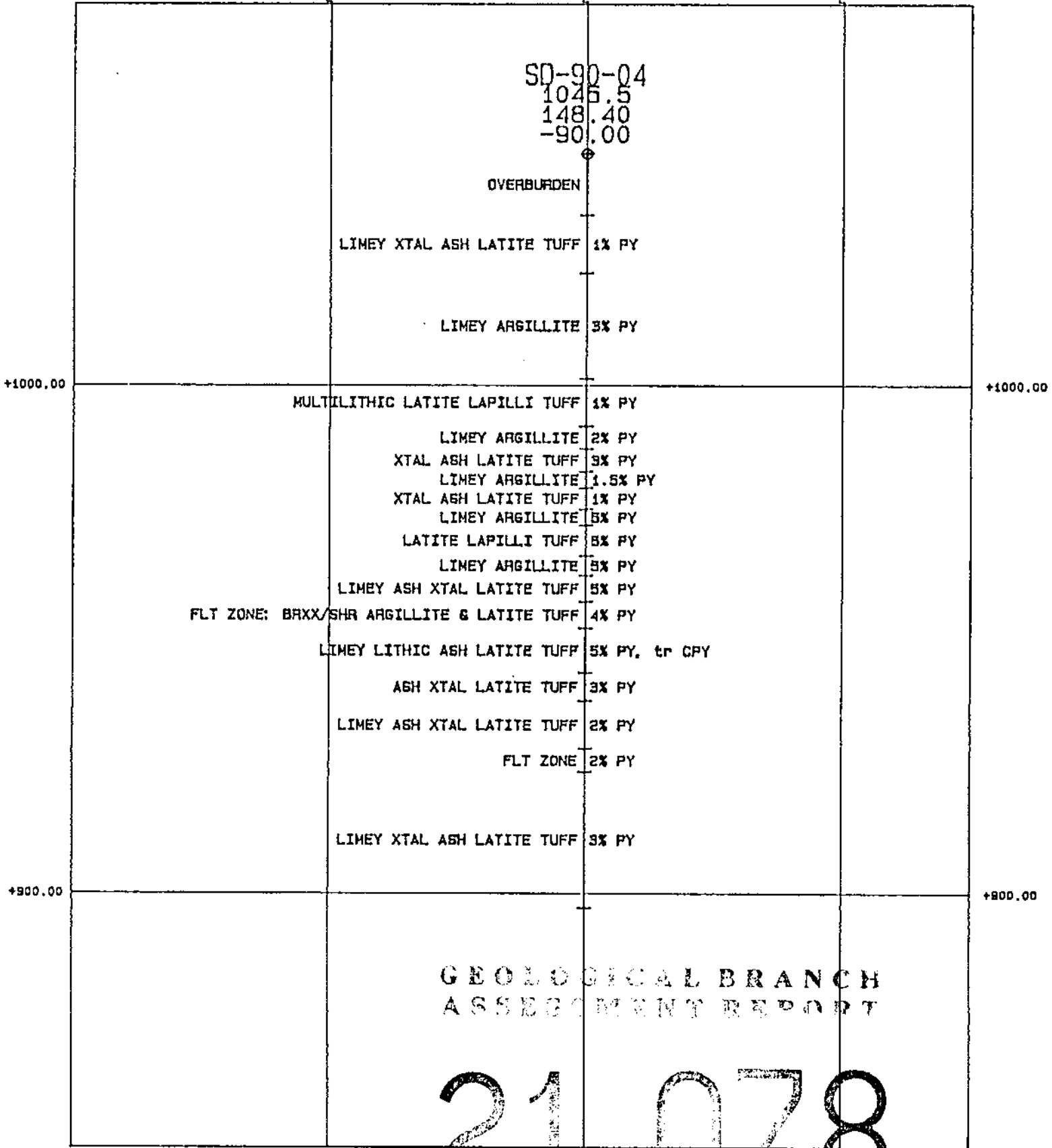
21,078

BPVR 90-5
FIGURE 11.



PLAN VIEW

N+5110500.00
E+428900.00
E+428950.00
E+429000.00
N+5110500.00

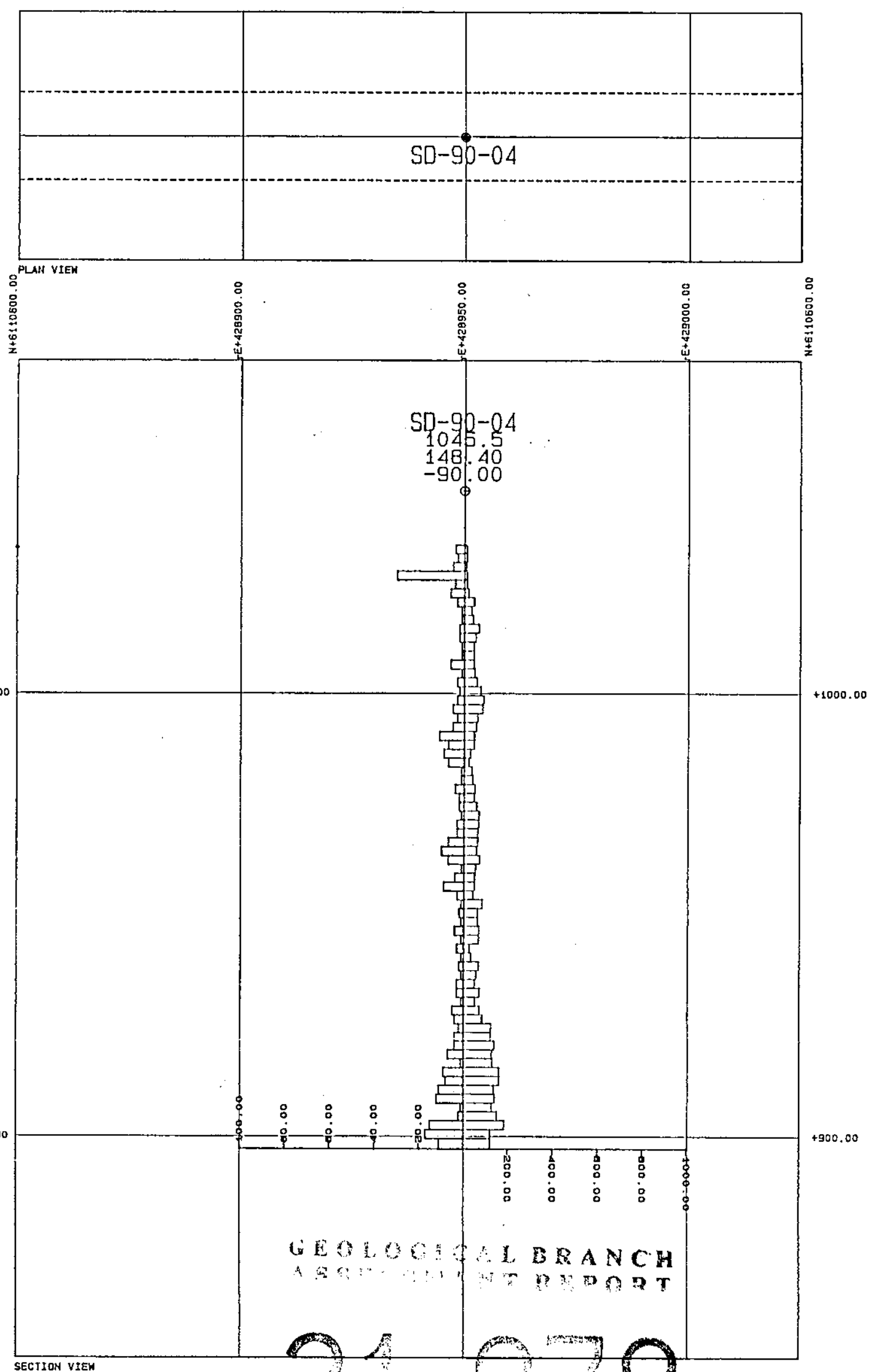


SECTION VIEW

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ASSESSMENT REPORT

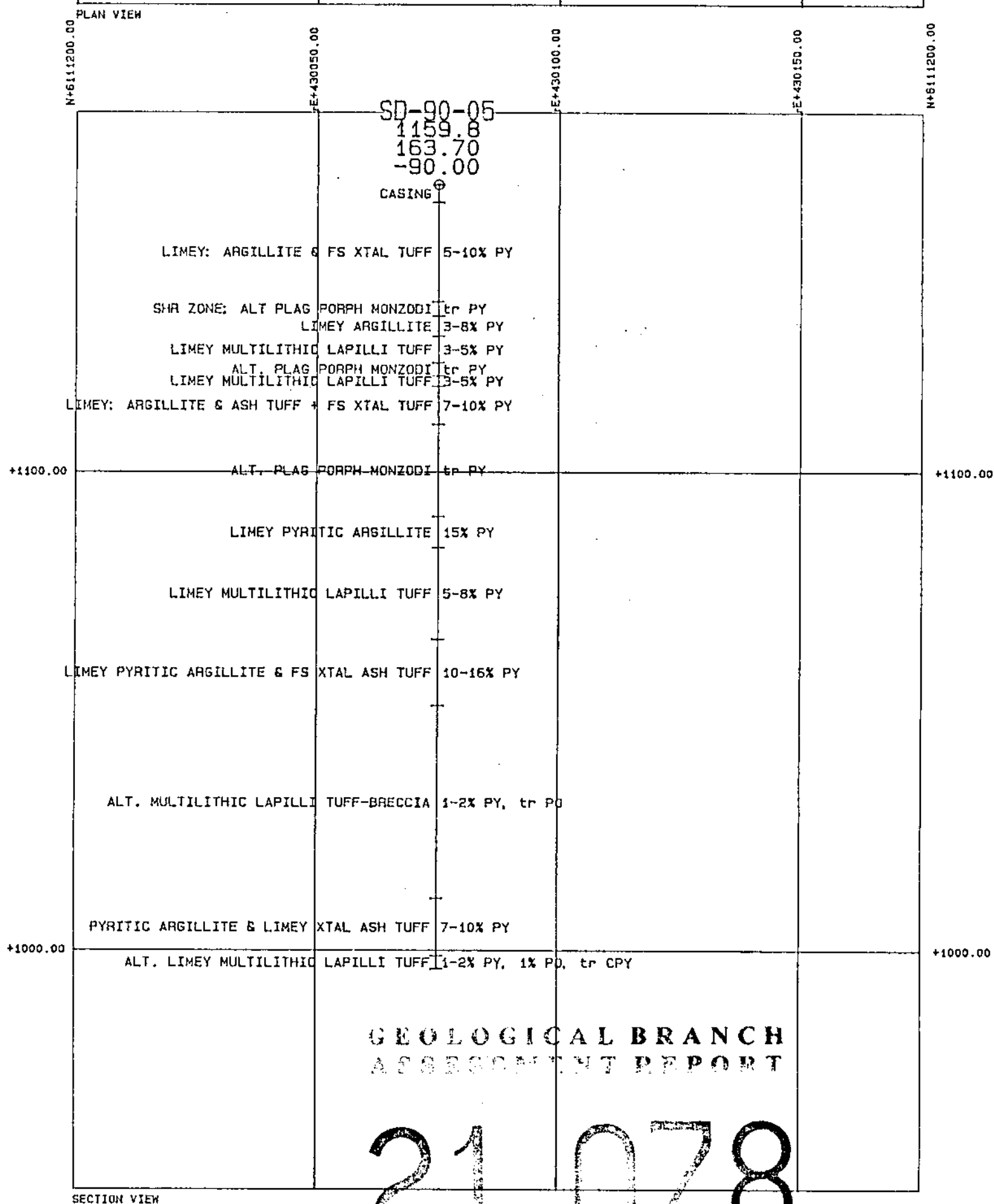
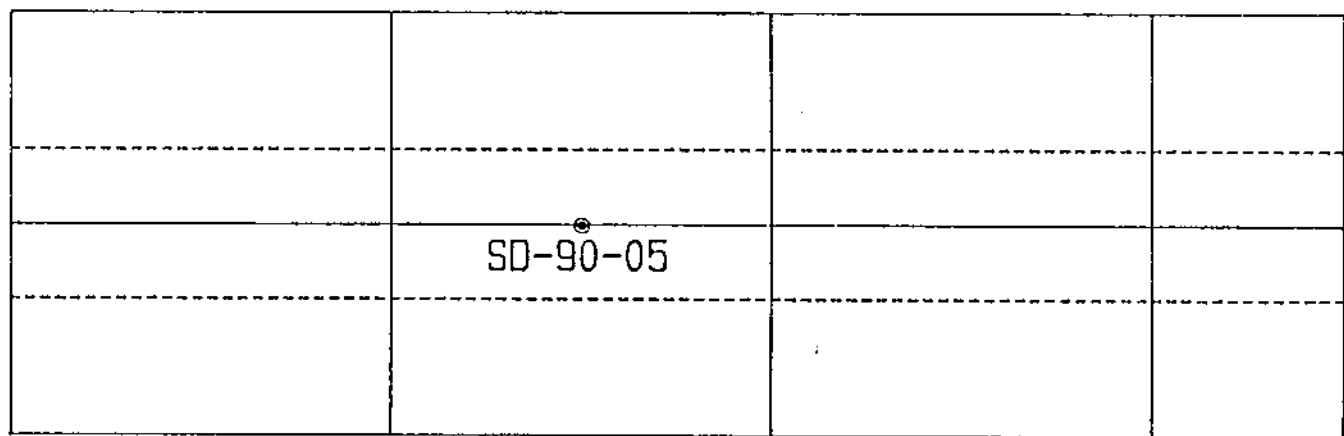
21,078

BPVR 90-5
FIGURE 12.



BPVR 90-5
FIGURE 13.

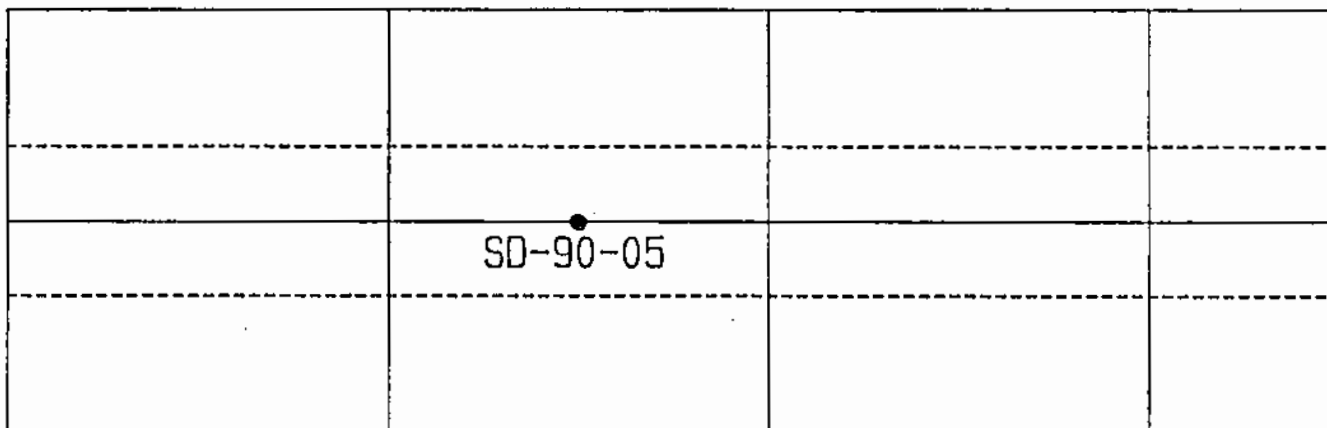
QUICK-PLOT GEMCOM Services Inc.	DATE = 30-11-90 TIME = 16:34:15	BP Resources Canada Vancouver Office	BP SNOWSHOE PROJECT DRILLHOLE SECTION: DDH 90-04 AU (ppb) vs CU (ppm) DRB November 30, 1990
HORIZONTAL SCALE = 1 : 1000		VERTICAL SCALE = 1 : 1000	



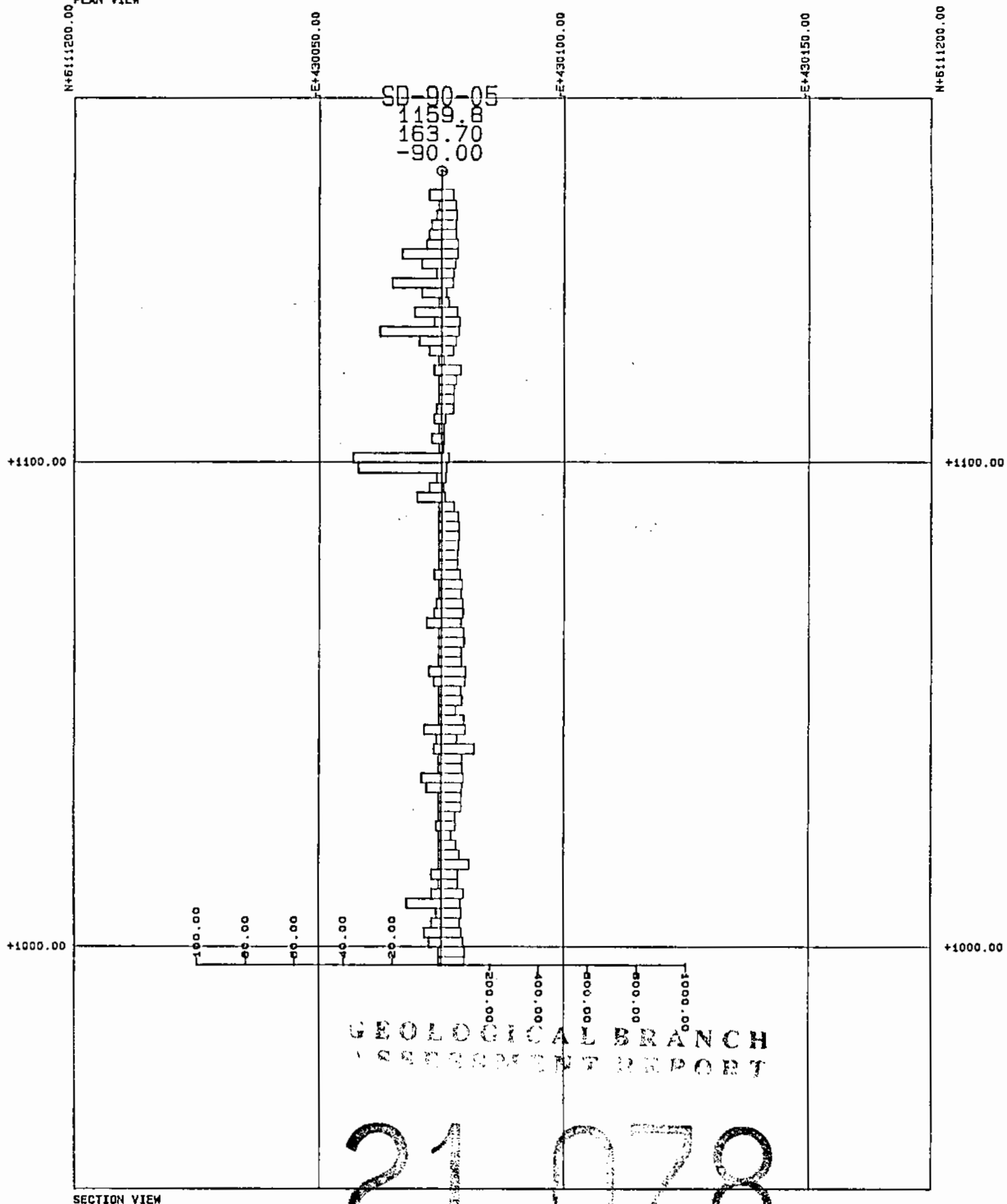
GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,078

BPVR 90-5
FIGURE 14.



PLAN VIEW



SECTION VIEW

BPVR 90-5
FIGURE 15.

QUICK-PLOT
GEMCOM Services Inc.

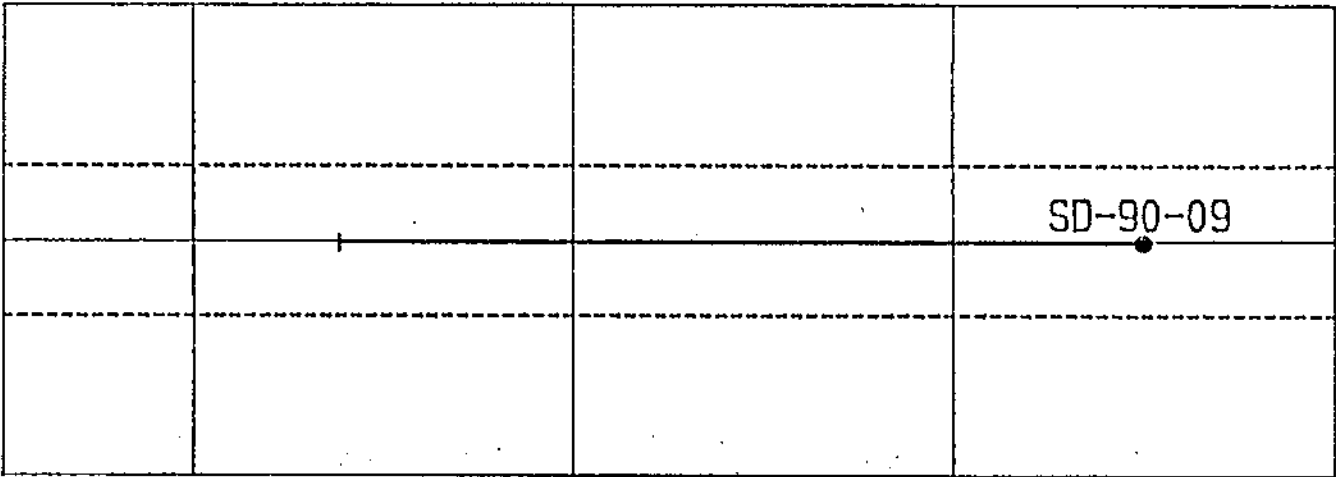
DATE - 30-11-90
TIME - 16:26:29

BP Resources Canada
Vancouver Office

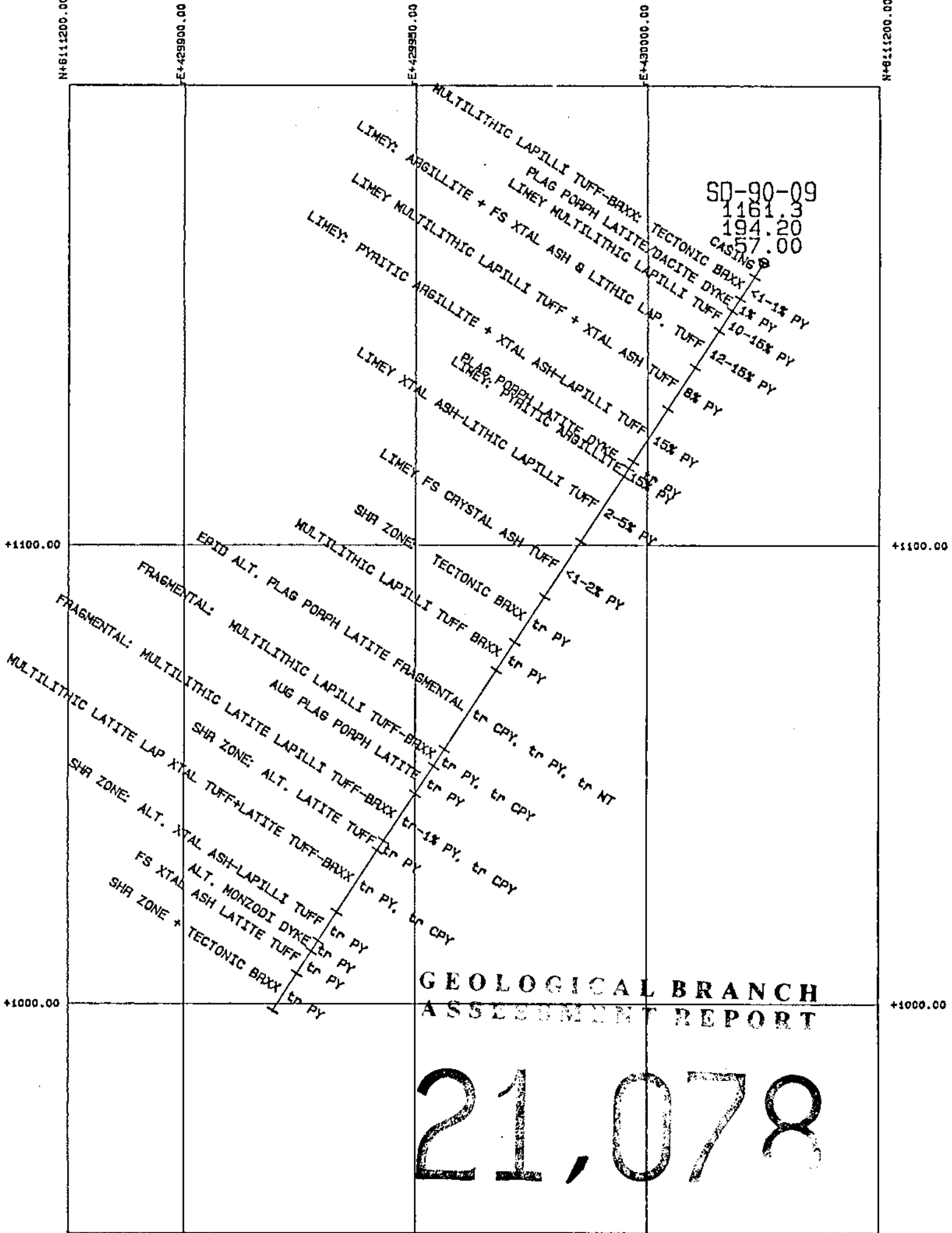
BP SNOWSHOE PROJECT
DRILLHOLE SECTION: DDH 90-05
AU (ppb) vs CU (ppm)
DRB November 30, 1990

HORIZONTAL SCALE - 1 : 1000

VERTICAL SCALE - 1 : 1000

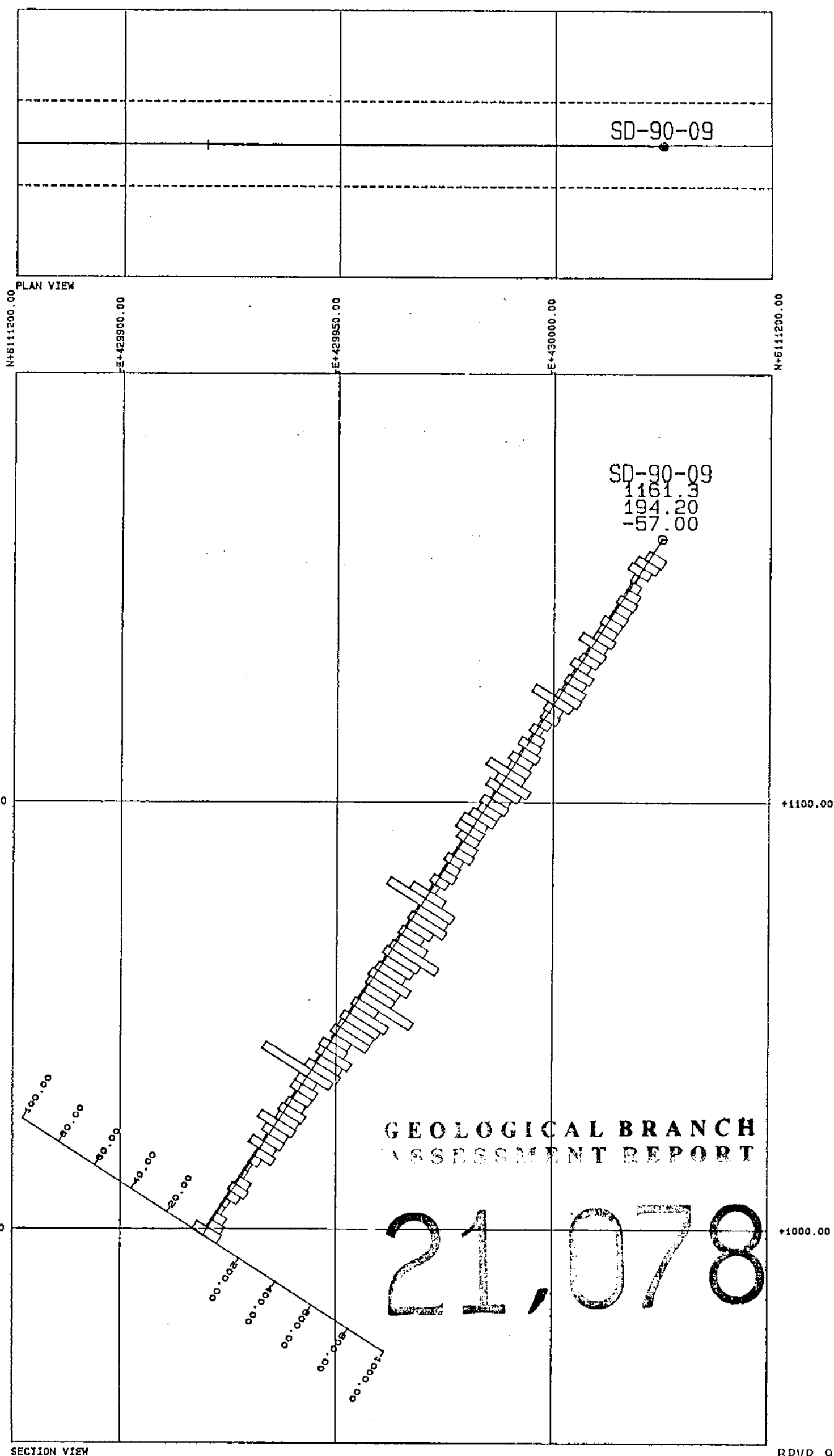


PLAN VIEW

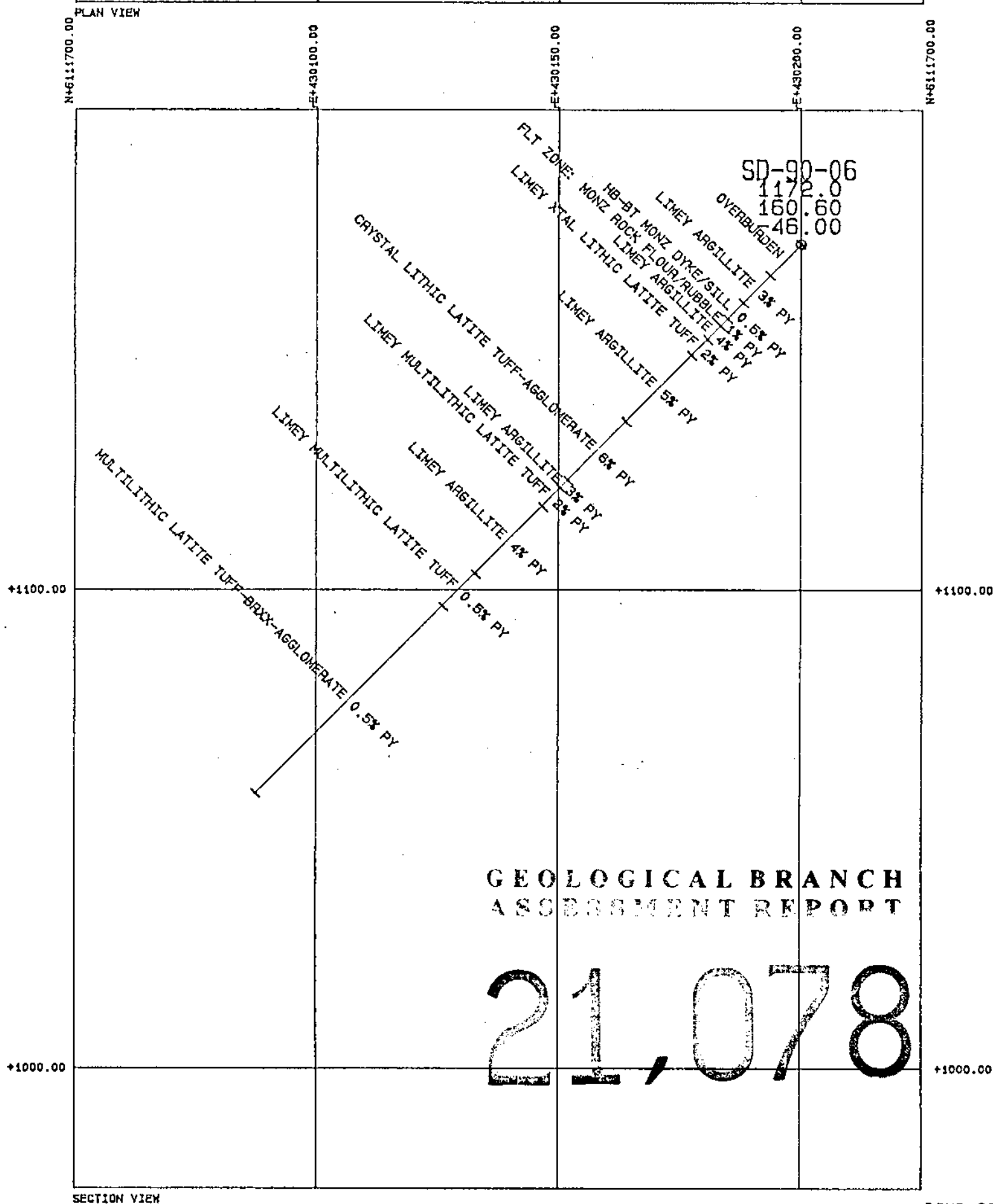
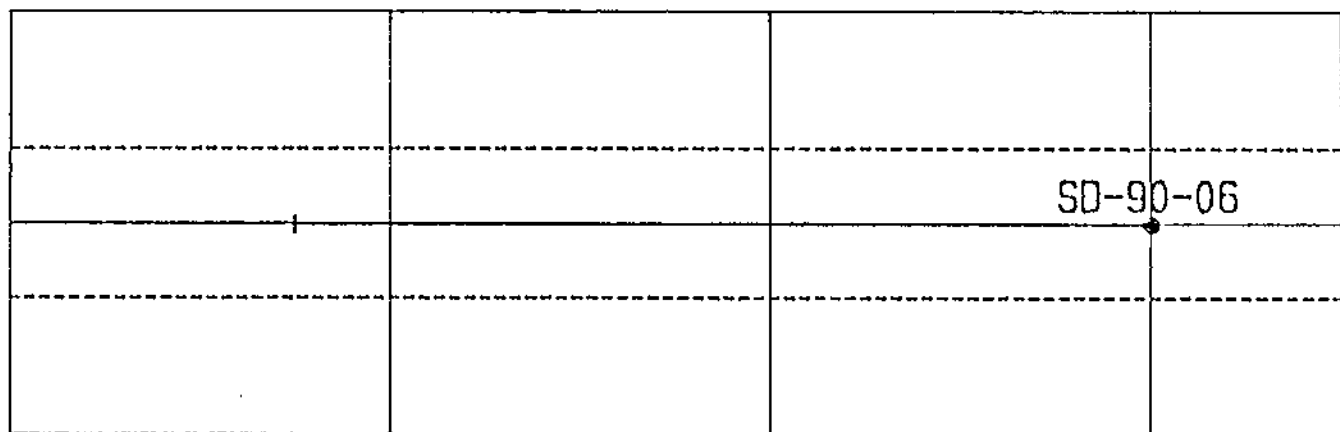


SECTION VIEW

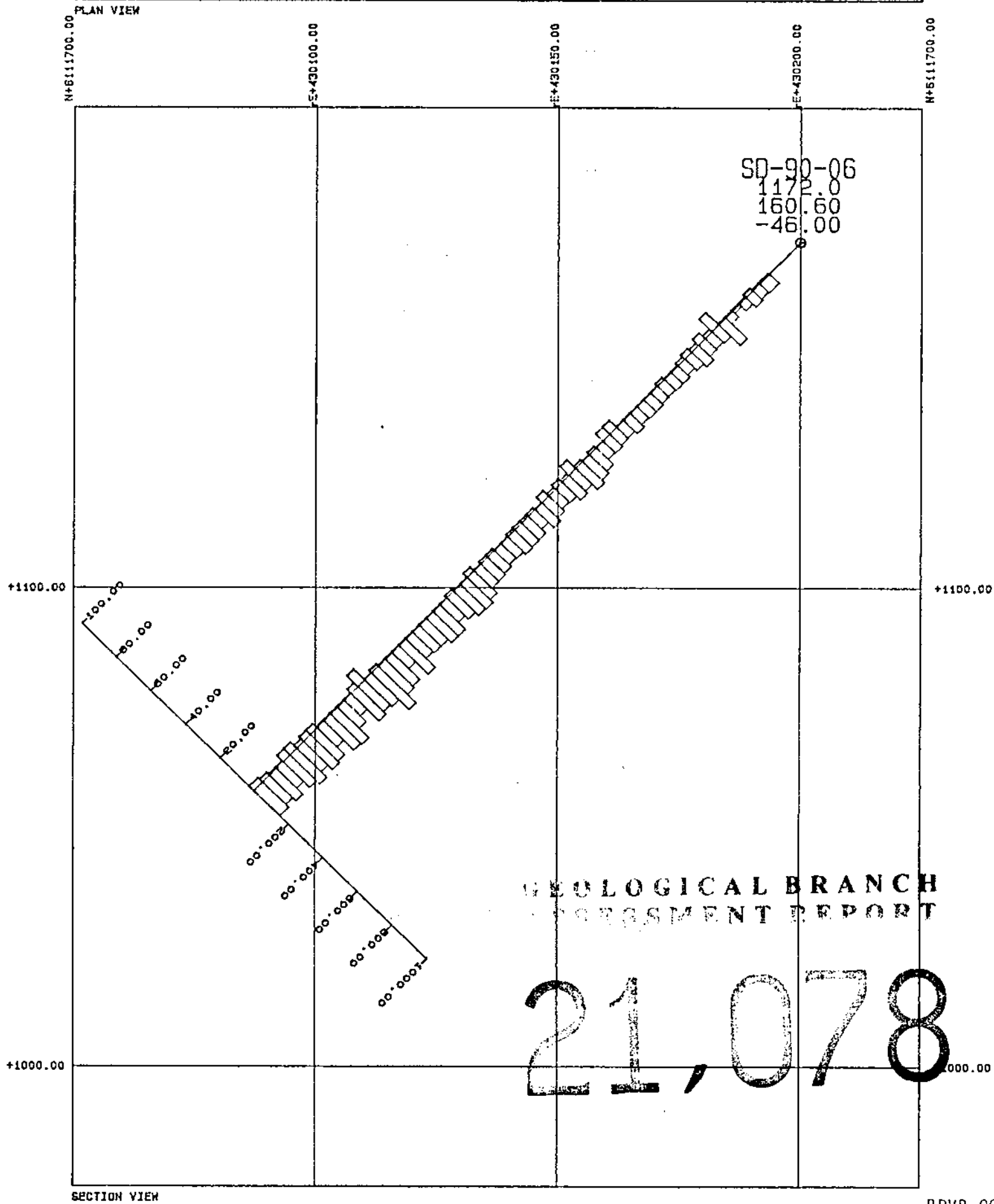
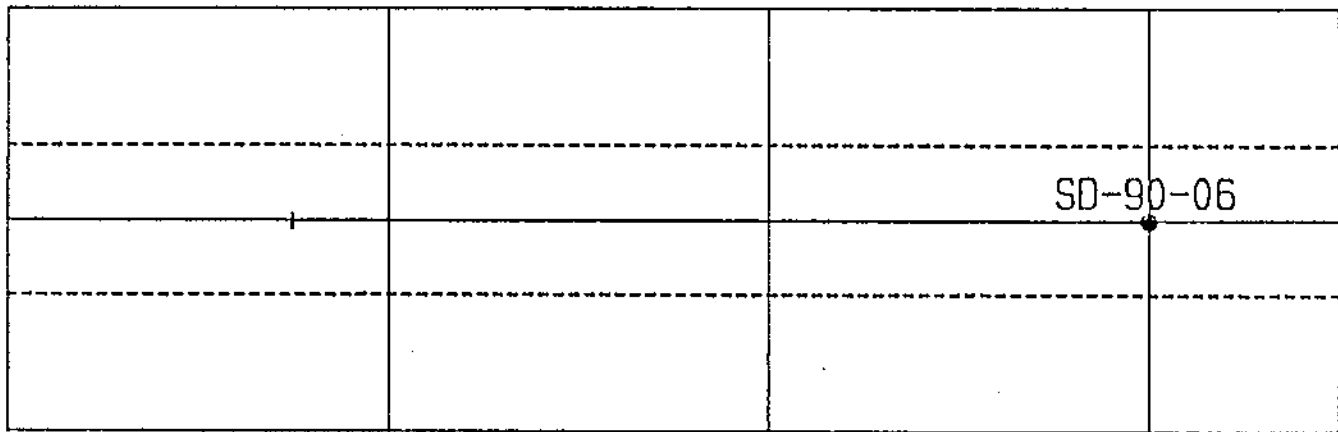
BPVR 90-5
FIGURE 16.



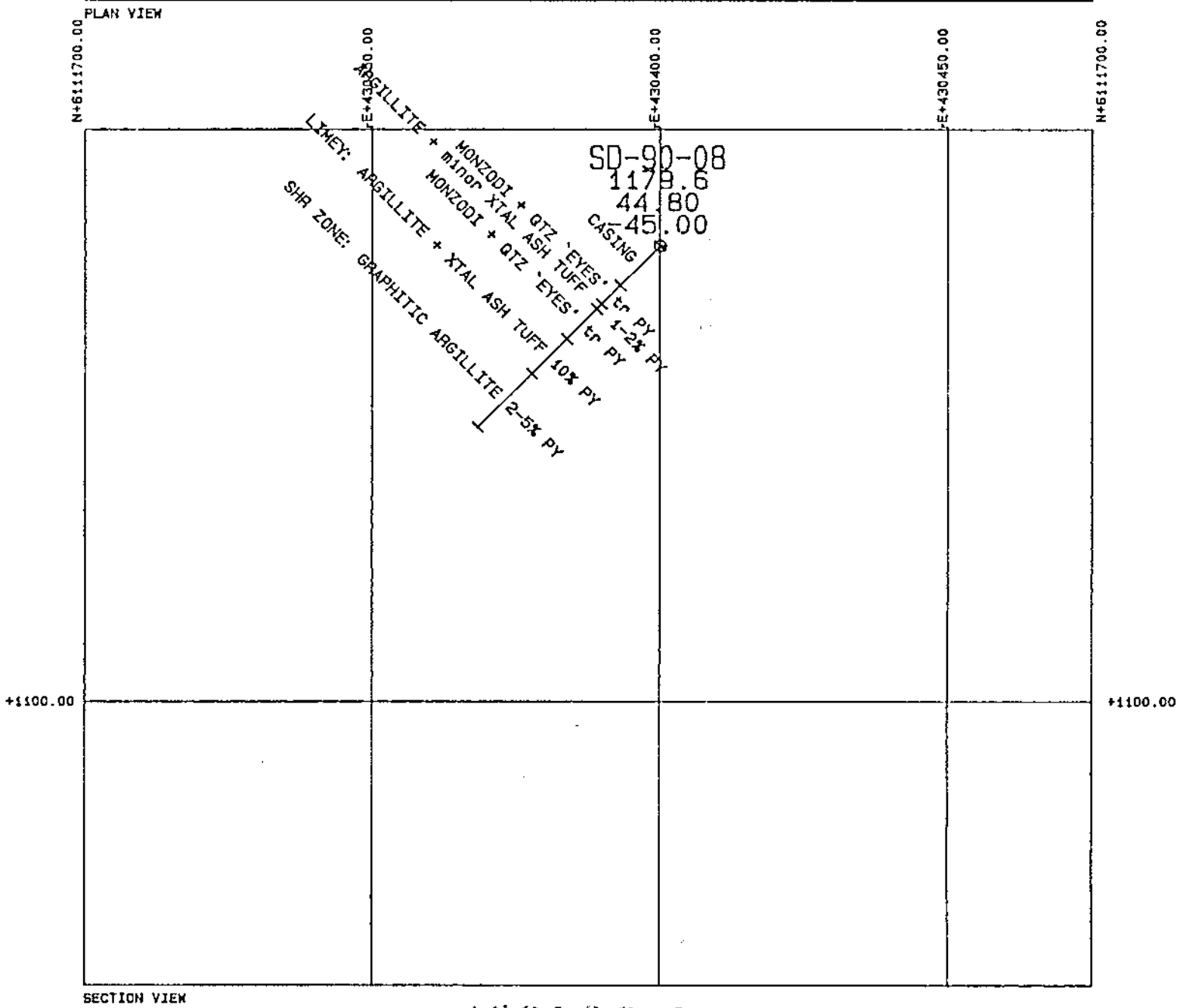
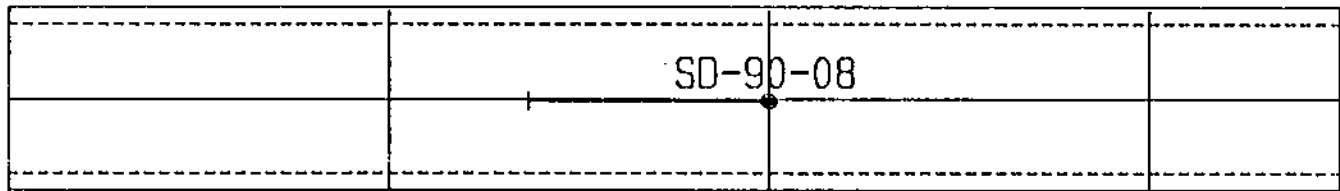
BPVR 90-5
FIGURE 18.



BPVR 90-5
FIGURE 19.



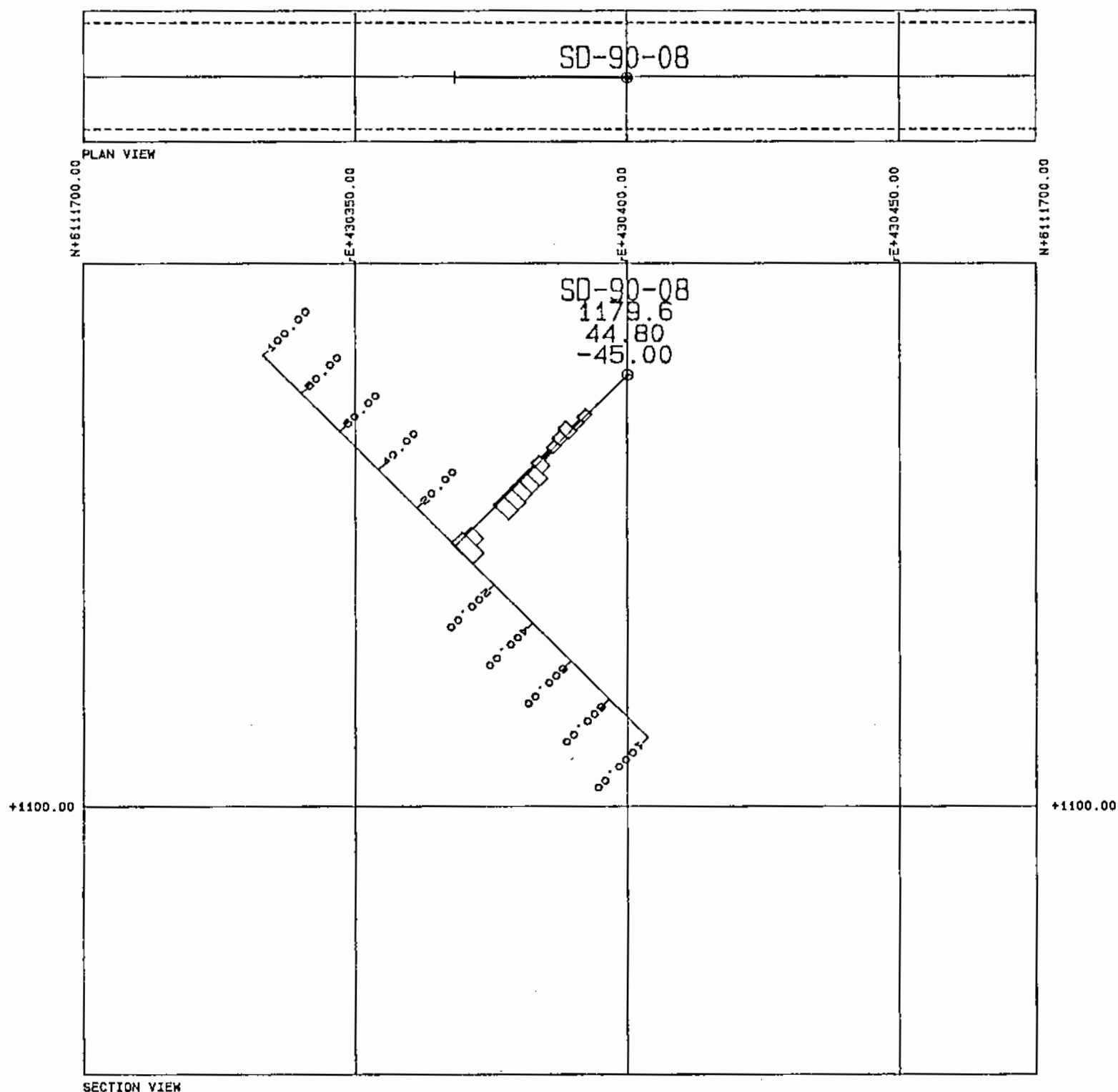
BPVR 90-5
FIGURE 20.



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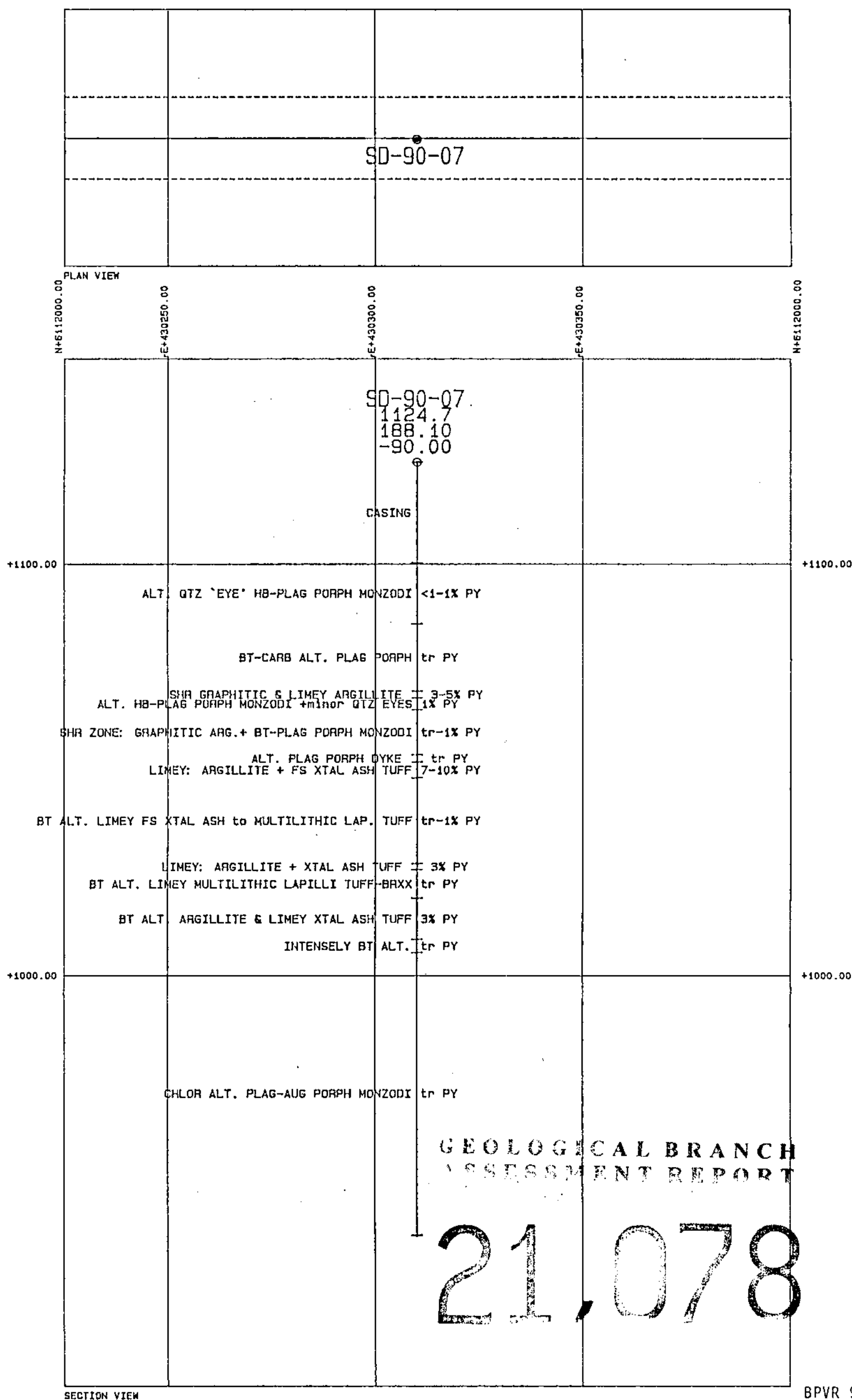
BPVR 90-5
FIGURE 21.



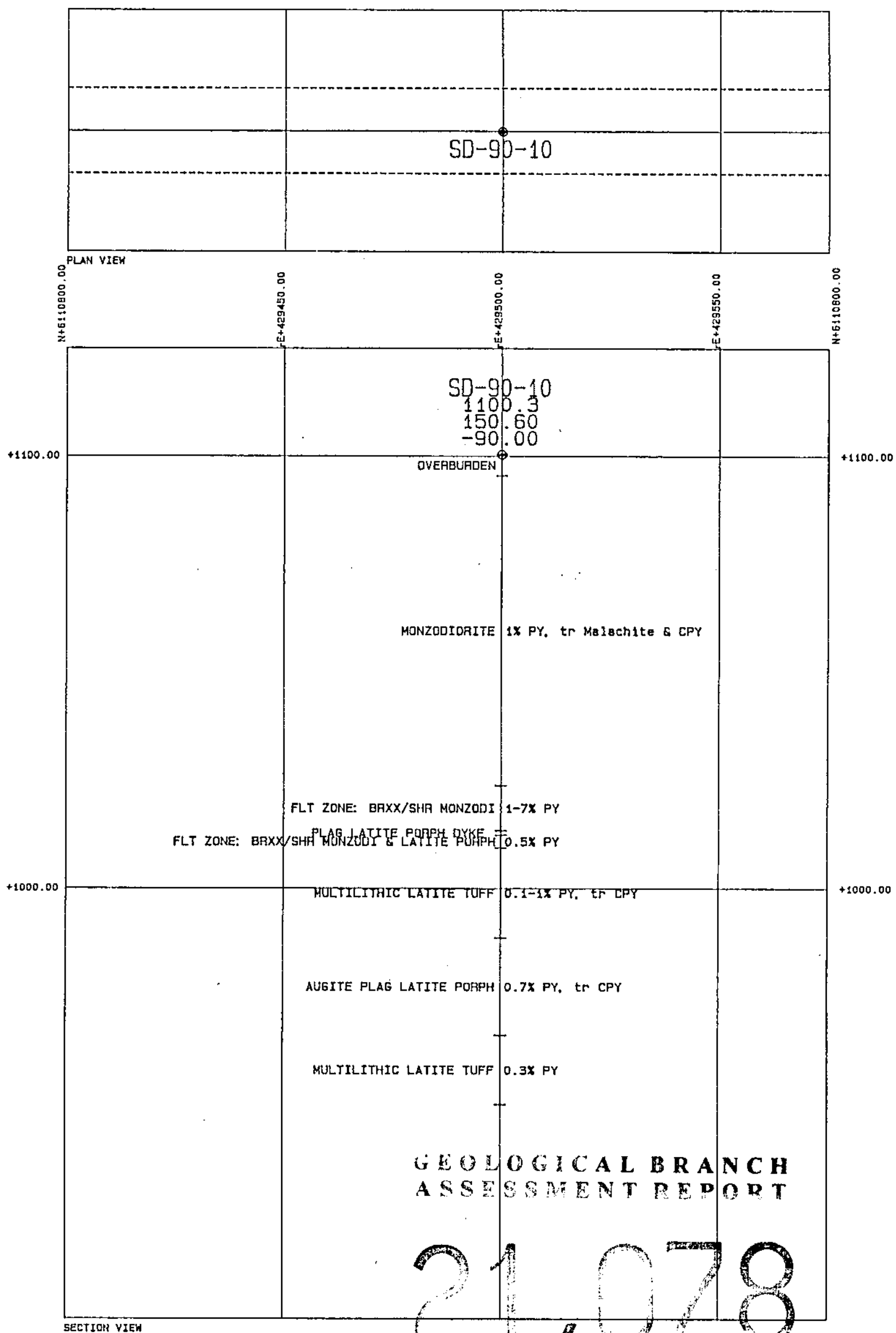
GEOLOGICAL BRANCH
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BPVR 90-5
FIGURE 22.



BPVR 90-5
FIGURE 24.



BPVR 90-5
FIGURE 26.

