REPORT ON EXPLORATION

on the

BRETT PROPERTY

VERNON MINING DIVISION
BRITISH COLUMBIA

PHASE II DIAMOND DRILLING

FOR

HUNTINGTON RESOURCES INC
700 - 555 West Hastings St.
P.O. Box 12099
Vancouver, B.C.
V6B 4N5

CORONA CORPORATION
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Vancouver, B.C.
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Corona Corporation
Kamloops, B.C.
November 30, 1989

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SUMMARY AND CONCLUSIONS

The Corona-Huntington Joint Venture conducted a diamond drilling program in two phases in 1989 on the Brett Property, Vernon Mining Division, B.C. This program tested the northern extension of the Main Shear Zone near the western boundary of the property (Brett I claim).

During the Phase I drill program in June, narrow quartz-chalcedony vein stockworks yielding significant gold values were encountered north of 13+00N (grid). These stockworks are hosted by heterolithic breccias sandwiched between or at the margins of feldspar porphyry dykes.

The Phase II drill program began on August 15 and continued to September 6. During this period 6 holes were completed for 956.46 metres. These holes were located on the grid between 13+00N and 13+80N and were targeted for the up and down dip projections of the auriferous, quartz stockworks discovered during the Phase I drilling.

Of the four holes in Phase II that reached the target area, only DDH 89-97 produced a significant gold intersection. This intersection of 0.45 oz/t Au over 1.2m came from a veined, breccia unit with visible electrum that was quite similar to that in hole 89-92 (1.59 oz/t Au over 1.14m). On sections 13+11N and 13+42N it is fairly easy to correlate the intersections in holes 91, 92, 97 and 98 into a northwest striking zone with gentle westerly dip (30^{o} to 45^{o}). It is difficult to correlate this zone with the intersection in hole 89-89 at 13 + 75 N without inferring a later crosscutting structure with northerly down-drop.

It is my interpretation that we are dealing with gold mineralization that is both structurally (largely) and lithologically (in part) controlled, being confined to brecciated or tuffaceous units. Only a small number of these units are however, mineralized.

INTRODUCTION

This is a report on the Phase II Drill Program conducted on the Brett Property by Corona Corporation during August and early September 1989.

Corona Corporation and Huntington Resources in a joint venture operated by the former are presently exploring the property for `epithermal style', precious metal, mineralization. In 1989 two drill programs have been completed on the property by the joint venture. This report is on the second of these (Phase II Program). Supervision of both drill programs and other work on the property (within the joint venture) was by R.C. Wells, B.Sc., F.G.A.C., Regional Geologist for Corona Corporation, based in Kamloops, B.C. R. Klassen B.Sc. was geologist responsible for core logging and daily drill supervision.

The Phase II drill program tested a small area at the north ind of the Main Shear Zone which had yielded favourable results during the earlier Phase I drilling. The total cost of the Phase II program was $89,000 of which $56,000 is being applied as assessment work on the four claims (Brett 1 to 4) known as the Brett Property.

PROPERTY

The Brett property consists of four contiguous Modified Grid System claims totalling 51 units of 1275 hectares (Fig. 2). All claims are located on Crown Land with no private land or other encumbrances indicated within 8 kilometers. Details of the claims are as follows:

Claim Name	Tag No.	Record No.	No. of Units	Expiry Date
Brett 1	87964	1550	15	July 19, 1994
Brett 2	87965	1551	15	July 19, 1994
Brett 3	83283	2045	12	Oct. 24, 1991
Brett 4	83284	2046	9	Oct. 24, 1991

The registered owner of the Brett claims is Huntington Resources Inc. of Vancouver, B.C.

LOCATION AND ACCESS

The property is located in south-central British columbia approximately 25 kilometres west of the city Vernon (Fig. 1). Geographic co-ordinates for the approximate centre of the property are 50°14' north latitude and 119°39' west longitude on N.T.S. No. 82L/4E.

The property is accessible by driving from Vernon via Highway #97 toward Kamloops and then turning southerly onto Westside road shortly beyond the O'Keefe Ranch. Travel is thence along the west side of Okanagan Lake for approximately twenty kilometres to a good grade logging road that heads westerly up the Whiteman Creek valley. At kilometre 19.2 a branch road leads to a recently constructed four wheel drive road that heads northerly into the southwestern portion of the claim block. The current road system on the property totals approximately 11.5 kilometres.

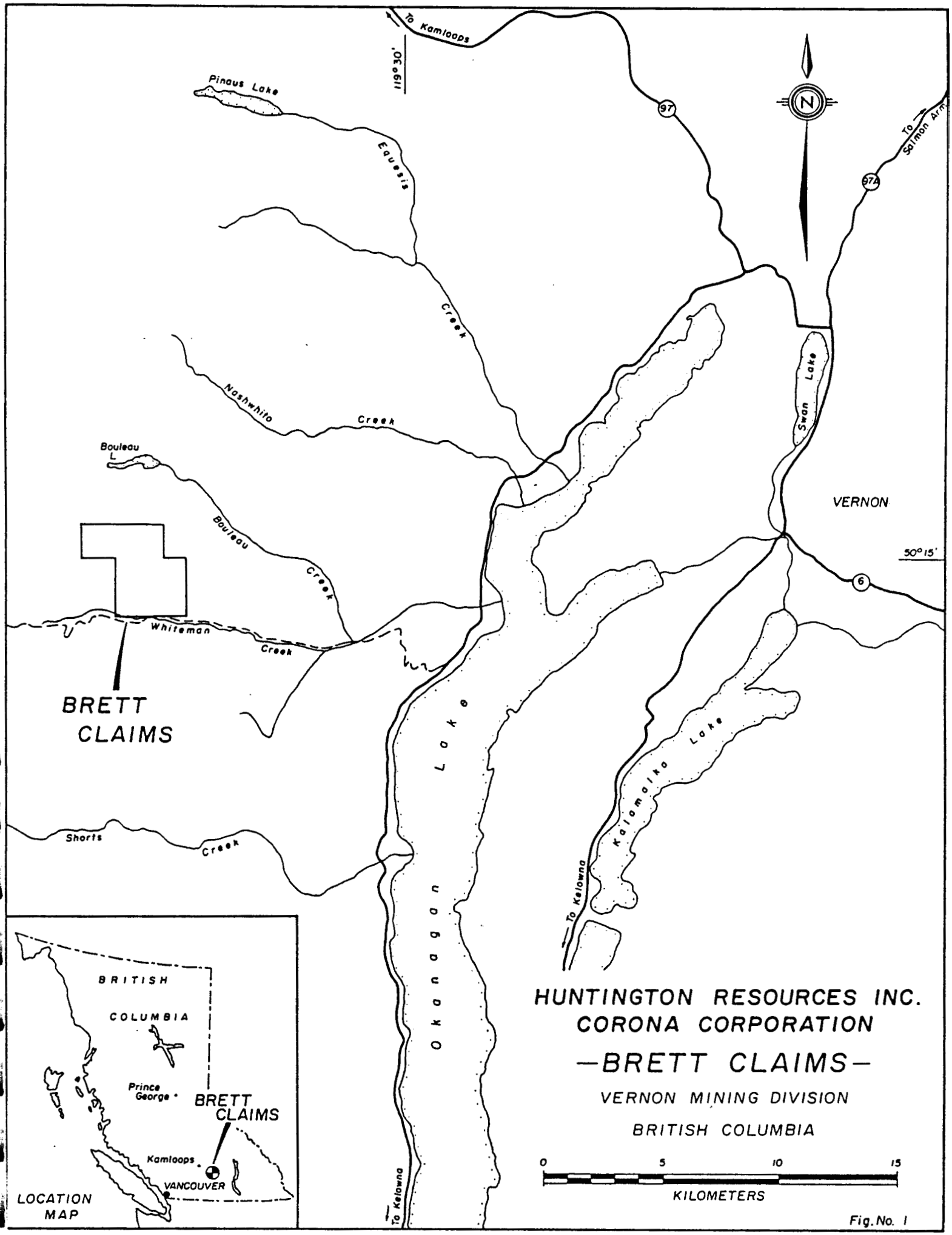

To Kamloops
119°30'
Pinaus Lake
Eaquesis
Creek
97
N
To Salmon Arm
97A
Nashwhito
Creek
Bouleau
L
Bouleau
Creek
Swan Lake
VERNON
50°15'
6
Whiteman
Creek
BRETT
CLAIMS
Okanagan
Lake
Kalamalka Lake
Shorts
Creek
To Kelowna
To Kelowna
BRITISH
COLUMBIA
Prince
George
BRETT
CLAIMS
Kamloops
VANCOUVER
LOCATION
MAP
HUNTINGTON RESOURCES INC.
CORONA CORPORATION
—BRETT CLAIMS—
VERNON MINING DIVISION
BRITISH COLUMBIA
0
5
10
15
KILOMETERS

Fig. No. 1

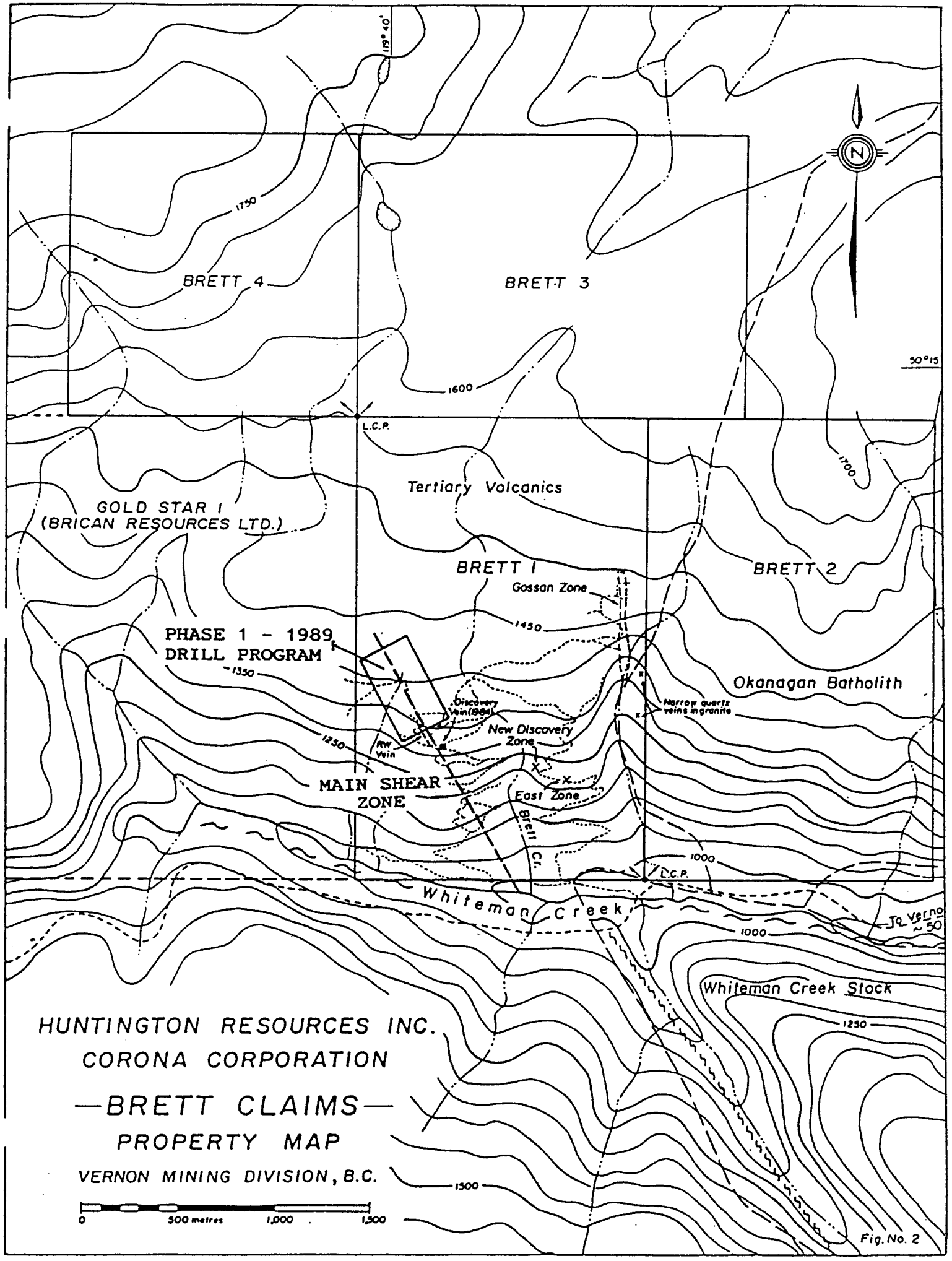
PHYSIOGRAPHY AND VEGETATION

The property is situated immediately north of Whiteman Creek and extends northerly onto a broad ridge that separates the Whiteman and Bouleau Creek drainages. Several south flowing seasonal drainages are found on the property, the two westermost of which are bounded locally by steep valley walls.

The steepest terrain is found in the southern portion of the Brett 1 and 2 claims below the 1370m (4500') elevation. This southern exposure results in a rapid spring snow melt, allowing property access by early May. The property is usually free of snow until late October or early November.

The total topographic relief of the Brett property is approximately 855m (2800') ranging from 975m (3200') at the Legal Corner Post (L.C.P.) of Brett I and 2, to 1830m (6000') near the northwest corner of Brett 4. The areas currently under investigation are situated below the 1450m (4760') elevation.

The entire property is forested with moderate to dense stands of fir and pine with sporadic deciduous growth. No recent logging has taken place on the property, however Crown Forest Products holds the timber rights to the area. The annual precipitation is light, with summers that are generally warm and dry.


119° 40'
1750
BRETT 4
BRETT 3
N
50°15
1600
L.C.P.
1700
Tertiary Volcanics
GOLD STAR I
(BRICAN RESOURCES LTD.)
BRETT 1
BRETT 2
Gossan Zone
1450
PHASE 1 - 1989
DRILL PROGRAM
1350
Okanagan Batholith
Discovery Vein (1964)
Narrow quartz veins in granite
New Discovery Zone
RW Vein
1250
MAIN SHEAR ZONE
East Zone
Brent Cr.
1000
L.C.P.
Whiteman Creek
Jo Verno ~50
1000
Whiteman Creek Stock
1250
1500
HUNTINGTON RESOURCES INC.
CORONA CORPORATION
—BRETT CLAIMS—
PROPERTY MAP
VERNON MINING DIVISION, B.C.
0
500 metres
1,000
1,500
Fig. No. 2

EXPLORATION HISTORY

The property first received attention at the turn of the century with the discovery of placer gold in Whiteman and Bouleau Creeks.

In 1939, Mr. A. Brewer of Vernon discovered two small gold bearing quartz veins within granitic rocks (Okanagan Batholith) in what is now the eastern part of the Brett I claim. (Figure 2)

In 1983, a heavy mineral sampling program by C. Brett revealed highly anomalous gold values in drainages from the Brett I claim. In the same year Huntington Resources Inc. acquired the property.

Between 1984 and 1986 Huntington completed a number of programs including geochemical sampling, prospecting, road building, trenching and a 795 metre drill program. These programs indicated a promising area of epithermal gold mineralization associated with a northwesterly trending structure, the Main Shear Zone on the Brett I claim. Other promising geochemical anomalies such as the Gossan Zone received a limited amount of work. (Figure 2).

In 1987, Lacana Mining Corporation (now Corona Corporation) made a joint venture agreement with Huntington. Since 1987, Corona and Huntington have completed extensive geochemical surveys, road building, trenching and numerous drill programs (totalling more than 10,000 metres). Drilling was largely on the Main Shear Zone, though a number of holes have tested the Gossan, New Discovery and East Zones.

Two diamond drilling programs were completed on the Brett property by Corona Corporation in 1989.

The Phase I program was completed between April and July and consisted of 2772 metres of diamond drilling at the northern end of the Main Shear Zone (in eighteen holes), shown in Figure 2. This program encountered significantly more intrusive rocks than

to the south (previous drill programs). These were in the form of large, alkalic dykes and sills. A new style of epithermal mineralization consisting of chalcedonic quartz stockworks within breccia units between dykes yielded significant gold (up to 1.59 oz/ton) and silver (up to 9.9 oz/ton) values over narrow widths (up to 1.5 metres). This style of mineralization was encountered north of 13+00N (to 13+75N).

The Phase II program described in this report was a follow up to Phase I and aimed at testing the continuity and grade of the new style epithermal gold mineralization north of 13+00N.

GEOLOGY

The Brett Property is located in the eastern part of the Intermontane Belt of the Canadian Cordillera. Much of this area west of the north end of Okanagan Lake is covered by thick sequences of Tertiary (Eocene) volcanic rocks with minor volcaniclastic and sedimentary units. Beneath the Tertiary cover, tightly folded volcanics and sediments of Upper Paleozoic to Lower Mesozoic age (Nicola and Harper Ranch Groups) are intruded by granitic rocks of the Okanagan Batholith (Mesozoic).

In the property area on Whiteman Creek both Mesozoic intrusive and Tertiary volcanic rocks are intruded by the Whiteman Creek stock and associated dykes and sills. The stock is of Eocene age with a number of compositional phases ranging from syenite to alkali granite. It is possible that the stock is coeval with the Tertiary volcanics in the property area based on compositional similarities (many flows are trachyandesitic) and field relationships.

A number of north to nothwesterly trending structures cut all the rock units. These are commonly polyphase (reactivated) and dyke filled. The Main Shear Zone on the Brett Property is one of these brittle structures locally with significant gouge.

Precious metal mineralization on the property is found as "mesothermal type" quartz veins in granitic rocks of the Okanagan Batholith, and "epithermal type" structurally controlled shear, vein and silicified zones cutting the Tertiary volcanic sequence. To date, several such epithermal zones have been identified and are referred to as the Main Shear, New Discovery, East and Gossan zones.

1989 PHASE II DIAMOND DRILLING PROGRAM

1. INTRODUCTION

Early in August, a decision was made to begin the Phase II exploration program on the brett Property. The Phase II diamond drilling program was to be in stages and would be contingent upon favourable results. Preliminary drilling consisting of four to five holes was to test the continuity and orientation of auriferous, epithermal veins (hosted by silicified breccias) between sections 13+11N and 13+75N at the north end of the Main Shear Zone trend. The results from this drilling would determine whether or not Phase II should continue.

Phase II began with several days of road and drill pad construction (enough for whole or proposed Phase II program to 15+25N). This work was by Afree Investments, Kelowna.

Diamond drilling began on August 15 and continued to September 6. During this period six holes were completed for a total of 956.46 metres. Two of the six holes were abandoned because of extremely bad ground conditions (13+11N). Two attempts had to be made at hole 89-98 before it reached the target area (again due to bad ground). The drill program is summarized in Table 1.

Drilling was by Core Enterprises Ltd. of Clinton B.C., using a Longyear Super 38 drill. The core is stored on site with all previous drill core. Split core samples were submitted to Eco Tech Laboratories in Kamloops, B.C. for gold and silver analysis. Values for gold are reported in troy ounces per ton (oz/t), silver in parts per million (ppm) except where greater than 20 ppm, then in troy ounces per ton (oz/t).

2. GEOLOGY AND MINERALIZATION AT THE NORTH END OF THE MAIN SHEAR ZONE.

The formations at the north end of the Main Shear Zone can be divided into two distinct groups. Firstly, the Tertiary Volcanics

consisting of a mixed, intercalated, sequence of andesitic (trachyandesites) flows and tuffs. Secondly, feldspar porphyritic intrusives (some flows?) also of Tertiary age.

Tertiary Volcanics

The sequence of gently dipping, andesitic flows and tuffs described for the Main Shear Zone south of 10+00N (1987 and 1988 Huntington Reports) does not change significantly to the north.

Andesitic flows (unit 2) predominate and are thick amygdaloidal to weakly porphyritic units. Flow breccias are fairly common and locally quite siliceous with significant disseminated pyrite.

Intercalated with the andesites are a number of predominantly subaerial, tuffaceous units (unit 1) varying in width from less than a metre to greater than 40 metres (Main Tuff Unit). Fine grained units are commonly bedded and indicate very gentle dips. These commonly grade downward into coarse lithic, lapilli tuffs consisting largely of angular volcanic fragments which may be monolithic or heterolithic. DDH-89-86 drilled on section 12+80N encountered a narrow isolated sequence of bedded siltstones and epiclastics (reworked tuffs).

Feldspar Porphyry Intrusives (Unit 4)

A number of fine to coarse grained, feldspar porphyry units were encountered by Phase I drilling. These are described in detail in Table 2. Many of these units are clearly dykes with sharp contacts, north to northwesterly trend and variable usually steep, westerly dip.

A coarse grained feldspar porphyry dyke (Type C) continues to follow the Main Shear Zone to 12+25N (traced without major break from 5+00N). At 12+25N it is joined by a more northerly trending and syenitic dyke (Type D) as shown on Figure 3.

North of 12+25N to 14+00N, intrusive feldspar porphyry units dominate with narrow sections of andesitic flows and tuffs. This appears to be an area of intersecting structures where there has been an increased volume of intrusive activity resulting in a semi continuous intrusive lens over 70 metres wide. To the south there is a gradual decrease in the number and size of dykes from 12+75N to 11+76N.

In the main intrusive area (12+25N to 14+00N) a number of narrow (to 10m) breccia units are encountered between and within dykes. These are polymictic with poorly sorted, angular volcanic-intrusive-quartz clasts in a generally well silicified, locally brecciated matrix. It is easy to mistake these for heterolithic, lapilli tuffs. Some of the breccias are cut by later epithermal quartz-chalcedony vein stockworks.

In summary, throughout the drilled area, intrusives dominate north of 11+50N while the volcanics with the Main Shear Zone dominate to the south.

Mineralization

A number of styles of epithermal Au, Ag mineralization were encountered during drilling at the north end of the Main Shear Zone. In contrast to the area drilled to the south (in 1986 to 88 programs) the vast majority of gold intersections in the northern area (1989 drilling) are vein or vein-stockwork related. Most of these veins are tight with sharp contacts and little wallrock alteration.

More typical Main Shear Zone style mineralization with disseminated gold in silicified and fractured wallrocks to the structure was encountered in drilling the most southerly section at 9+70N in Phase I. Widths, grades and continuity of the mineralization appear to be poor.

3. RESULTS

Section 13 + 11 N

Two significant gold intersections were encountered while drilling this section in Phase I:

DDH 89-91	0.726 oz/t Au/2.85m	Quartz stockwork within silicified breccia.
DDH 89-92	1.59 oz/t Au/1.14m	Chalcedony veined silicified breccia.

The intersections were hosted by what appears to be the same breccia unit between porphyritic intrusives and has an apparent dip of 45^{o} west.

Hole 87-93 in Phase II was drilled above 89-92 and designed to test the breccia zone/mineralization 40 metres up-dip. A series of narrow, altered breccia units were encountered in the lower part of the hole but did not yield significant gold intersections (>0.02 oz/t). In addition to the strong probability that the gold mineralization does not continue this far up-dip, there are two other possible explanations:

1) The mineralization is cut-off to the east by a more steeply dipping (55^{o} W) fault which is below the intersections to the west.

2) In this area a steeply (80^{o} W) dipping fracture zone is filled by a post mineralization dike (Type 4D) and excludes the zone.

Drilling steep holes to test the down dip projection of the zone beneath DDH 89-91 encountered very bad ground conditions. Both holes 89-94 and 95 were abandoned in a strong fracture zone at close to 100 metres depth. A fairly wide and steeply dipping

fault zone can be interpreted in this area. Further attempts to drill this area were considered too high risk and costly at this time.

Section 13 + 75 N

Previous drilling of this section during Phase I encountered gold values in a silicified breccia with a narrow quartz stockwork in DDH 89-89 (0.28 oz/t Au/1.95m). DDH 89-88 on the same section was not long enough with the original interpretation of vein geometry to have hit the target area.

In Phase II, hole 89-96 was drilled above 89-88 and targeted to intersect the vein breccia 70 metres up-dip from that in 87-87. The lower part of the hole intersected a number of breccia units one of which displayed strong hydrothermal silicification over 6.0 metres and yielded weakly anomalous gold values (0.006 oz/t). It is apparent that higher grade gold mineralization does not extend this far up-dip.

To test the down-dip projection of the zone in this area would require at least a 250 metre long hole.

Section 13 + 44 N

This section, mid-way between 13 + 11 N and 13 + 75 N was tested with two holes in Phase II, with the aim of proving continuity of gold mineralization over the 64 metre strike length.

Hole 89-97 encountered a section of breccia with visible electrum that yielded 0.224 oz/t Au over 2.53 metres (including 0.45 oz/t over 1.2m). This correlates reasonably well in depth, position and style of mineralization with intersections on section 13 + 11 N.

Hole 89-98 was drilled 40 metres behind 97 and targeted for the down-dip projection. Like abandoned holes 89-94 and 95 a wide structure was encountered in this area causing drilling problems.

Eventually the problems were overcome by increasing then decreasing rod size. A number of weakly altered and narrow breccia units were intersected. The down-dip projection of the mineralized breccia in hole 89-97 was less altered and veined in DDH 89-98 and yielded an intersection of .022 oz/t Au over 1.50 metres length.

STATEMENT OF QUALIFICATIONS

I, RONALD C. WELLS of the City of Kamloops, British Columbia do hereby certify that:

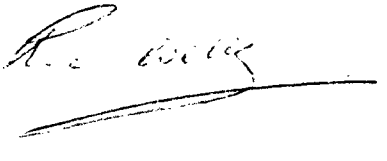
1. I am a Fellow of the Geological Association of Canada.

2. I am a graduate of the University of Wales, U.K. B.Sc in Geology (1974), did post graduate (M.Sc) studies at Laurentian University, Sudbury, Ontario (1976-1977) in Geology.

3. That I am presently employed by Corona Corporation as a Regional Geologist based in Kamloops, B.C.

4. That I have practiced continuously as a geologist for more than eleven years throughout Canada and have past experience and employment as a geologist in Europe.

Signed and dated in Kamloops, British Columbia this 27 day of November 1989.



STATEMENT OF EXPENDITURES
AUGUST-SEPTEMBER 1989 PHASE II DRILL PROGRAM
BRETT PROPERTY

1.	Core Enterprises Ltd., Clinton, B.C.	
	956.46 metres NQ drilling.	$76,821.00
2.	Afree Investments Ltd, Kelowna, B.C.	
	Site preparation, excavator work.	$2,795.00
3.	Eco Tech Laboratories	
	Analyses (Au, Ag geochem, Assays)	$4,107.00
4.	Corona Corporation, Kamloops Office	
	Geologist salaries, accomodation, drill supervision, report writing etc.	$5,277.00
	Total	$89,000.00

APPENDIX A

TABLES 1 AND 2

TABLE 1

DIAMOND DRILLING SUMMARY (1989) - BRETT PROPERTY September 12, 1989

PHASE II: DIAMOND DRILLING

Hole No.	Section	Co-ordinates	Angle	Azth	Elev(m)	Length (m)	Cumul Total(m)	Start Date	Finish Date	SIGNIFICANT ASSAYS Interval (m)	Width (m)	Gold (oz/t)	Remarks
89-93	13+11N	13+11N,0+82W	-47	064	1379.0	170.03	170.03	Aug 15	Aug 18	74.48- 75.48	1.00	.014	Quartz veined andesite.
										165.35-166.96	1.61	.013	Brecciated andesite.
89-94	13+11N	13+11N,0+82W	-85	064	1379.0	93.88	263.96	Aug 18	Aug 19	21.23- 23.40	2.17	.011	Broken F.P. Hole abandoned.
89-95	13+11N	13+11N,0+92W	-80	064	1377.0	106.07	370.03	Aug 20	Aug 22	No significant assays			Hole abandoned.
89-96	13+75N	13+75N,0+92W	-65	064	1390.5	189.89	559.92	Aug 23	Aug 25	No significant assays			
89-97	13+42N	13+42N,0+68W	-80	064	1392 (Ap)	199.03	758.95	Aug 26	Aug 29	142.24-144.77	2.53	.224	Sil. breccia with electrum.
89-98	13+42N	13+42N,1+08W	-80	064	1388 (Ap)	197.51	956.46	Aug 29	Sept 6	150.04-151.54	.50	.022	Broken andesite above breccia.

Table 2

BRETT PROJECT - PHASE I - 1989

DETAILED DESCRIPTIONS OF THE VARIOUS TYPES OF FELDSPAR PORPHYRY UNIT AT NORTH END OF THE MAIN SHEAR ZONE.

Field Description: Feldspar Porphyry (Type A)

Rock Type: 'PORPHYRITIC - MICROSYENITE (QUARTZ)'

Colour: Various greys

Description: Light, tabular plagioclase phenocrysts to 2 mm, commonly greater than 15%. Groundmass is medium grained and equigranular with less than 10% mafics. Significant K.feldspar (stain) and less than 10% interstitial quartz.
Sparse fine, disseminated pyrite.
Local small angular, mafic xenoliths.

Comment: It is not clear whether this is a thick flow unit, dyke or sill. Grades into type A-1 locally.

- - - - - - - -

Field Description: Feldspar Porphyry (Type A-1).

Rock Type: 'PORPHYRITIC - QUARTZ TACHYTE'

Colour: Cream to buff

Description: Similar to A but groundmass is cream coloured and probably has more interstitial quartz. Local small angular xenoliths. Variable fine pyrite, generally sparse.

Comments: As A, the two are closely related.

Field Description: Feldspar Porphyry (Type B)

Rock Type: 'ANDESITE PORPHYRY'

Colour: Green to greyish

Description: White tabular feldspar phenocrysts to 3 mm within fine grained and hard groundmass. 5 to 15% fine mafics. Groundmass feldspar and phenocrysts do not take k.feldspar stain therefore andesitic. Local flow alignment of phenocrysts.

Comments: This could be a marginal phase to type A or a porphyritic andesite flow.

- - - - - -

Field Description: Coarse grained Feldspar Porphyry (Type C)

Rock Type: 'PORPHYRITIC QUARTZ MONZONITE TO GRANITE DYKE'

Colour: Mottled greys, green and whites.

Description: Coarse tabular, randomly oriented, plagioclase phenocrysts up to 8 mm. Groundmass is medium to coarse grained with up to 30% coarse chloritic mafics (minor hornblende?). Much k.feldspar in groundmass. Quartz and locally amethyst occurs as small aggregates to large blebs. Some fine, subrounded to angular, partially assimilated xenoliths. Local quartz filled vugs with crystals to 2 cm. Variable medium to coarse cubic pyrite. Moderate to strongly magnetic.

Comments: Commonly forms a distinct dyke within the Main Shear Zone. Sharp intrusive with epidote alteration or faulted contacts.

APPENDIX B

LARGE FIGURES AND PLANS

309700 E
309750 E
309800 E
309850 E
309900 E
309950 E

5568150 N
5568100 N
5568050 N
5568000 N
5567950 N
5567900 N
5567850 N
5567800 N
5567750 N
5567700 N
5567650 N

CLAIM BOUNDARY (APPROX.)

BRETT

GOLDSTAR 1

BRICAN RESOURCES LTD

BRICAN RC88

APPROX. POSITION OF CUT BASE LINE

89-90

TRENCH ON Au SOIL ANOMALY 100-400 ppb <8m. BOULDERY OVERBURDEN

89-96

89-88

89-89

89-97

89-93

89-91

89-92

89-87

89-86

89-85

89-83

89-84

89-81

89-82

89-79

89-80

89-77

89-78

89-75

89-76

Pad
DDH 89-90
DDH 89-96
DDH 89-88
DDH 89-89
DDH 89-97
DDH 89-98
DDH 89-98A
DDH 89-91
DDH 89-92
DDH 89-93
DDH 89-94
DDH 89-95
DDH 89-86
DDH 89-87
DDH 89-85
DDH 89-83
DDH 89-84
DDH 89-81
DDH 89-82
DDH 87-22
DDH 87-21
DDH 89-79
DDH 89-80
DDH 87-18
DDH 87-19
DDH 87-20
DDH 89-77
DDH 89-78
RC 88-9
RC 88-10
DDH 86-6
DDH 86-7
DDH 86-4
DDH 86-3
RC 88-21
DDH 86-5
DDH 86-13
DDH 86-14
DDH 87-17
DDH 89-75
DDH 89-76

NEW ROAD NORTH
NEW ROAD SOUTH
NEW SPUR

TO BRICAN PROPERTY

OUTCROP
WELL JOINTED FELDSPAR PORPHYRY TYPE A, B, C

MAINLY TYPE C PORPHYRY

LEGEND

- Drill hole collar pre 1989 holes (no projections)
- 1989 DRILL HOLE. Hole collar, vertical projection with correction for azimuth (PAJARI TESTS).
- R. Patrick survey points 1989.

Note: all coordinates are U.T.M.

10 20 30 40 50 m.

Scale 1:500

GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,482

CORONA CORPORATION
HUNTINGTON RESOURCES INC.

BRETT CLAIMS

1989 DRILL PROGRAM

DRILL PLAN

PREPARED BY: R.W. / K.G.	SCALE: 1:500	PROJECT NO.: 1015
N.T.S.: 82 L 4E	DATE: July 1989	MAP NO.: 3

WSW

BL

ENE

ELEV. 1400

ELEV. 1360

ELEV. 1320

ELEV. 1280

ELEV. 1240

ELEV. 1200

ELEV. 1160

2+00 W

1+50 W

1+00 W

0+50 W

0+50 E

1+00 E

1+50 E

335°

4A, A-1

4A brecciated sil

4C breccia

4E 4C,E 4C 4A 4D 4A breccia

Sil Breccia

tuff I chert seds 4Cl

4C-1 4C I brec 4A, A-1

4A A-1 1,2 Sil 3 breccia 2 4A

93.87m DDH 89-94
Hole abandoned in sand seam

2,3

106.07m DDH 89-95
Hole abandoned in fault zone.

qtz vein + electrum Au 125, Ag 9.19 0.32

Sil breccia Au 1.59, Ag 3.91 1.14

qtz vein + El, Arg. silicified breccia Au 1.25, Ag 1256.369 Au 2.85, Ag 725.182

4CE

152.70 m DDH. 89-92

160.93 m DDH.89-91

2 breccia 4A,E breccia 4E 4A 4C 4E 4CE 4D 4C 4E 2 4C

170.08 m DDH. 89-93

LEGEND

Centre line of hole.

.075 / 4.25 Assay interval — oz/ton gold / width (metres)

.03 to .07 oz/ton gold.

> .07 oz/ton gold.

3 Geological contacts.

LITHOLOGY

4 FELDSPAR PORPHYRY DIKE

3 SHEAR ZONE

2 ANDESITE FLOWS, MINOR BASALT

1 TUFF, FINE (LOCALLY BEDDED) TO COARSE GRAINED LAPILLI TUFF

SHEAR / FRACTURE

CORONA CORPORATION
HUNTINGTON RESOURCES INC

BRETT CLAIMS
DRILL SECTION 13+11 N
VERNON M.D. B.C.

PREPARED BY: RW / G.R.	SCALE: 1:500	PROJECT NO.: 1015
N.T.S.: 82L/4E	DATE: July 89	MAP NO.: 89-8

WSW

ENE

ELEV. 1400

ELEV. 1360

ELEV. 1320

ELEV. 1280

ELEV. 1240

ELEV. 1200

ELEV. 1160

2+00 W

1+50 W

1+00W

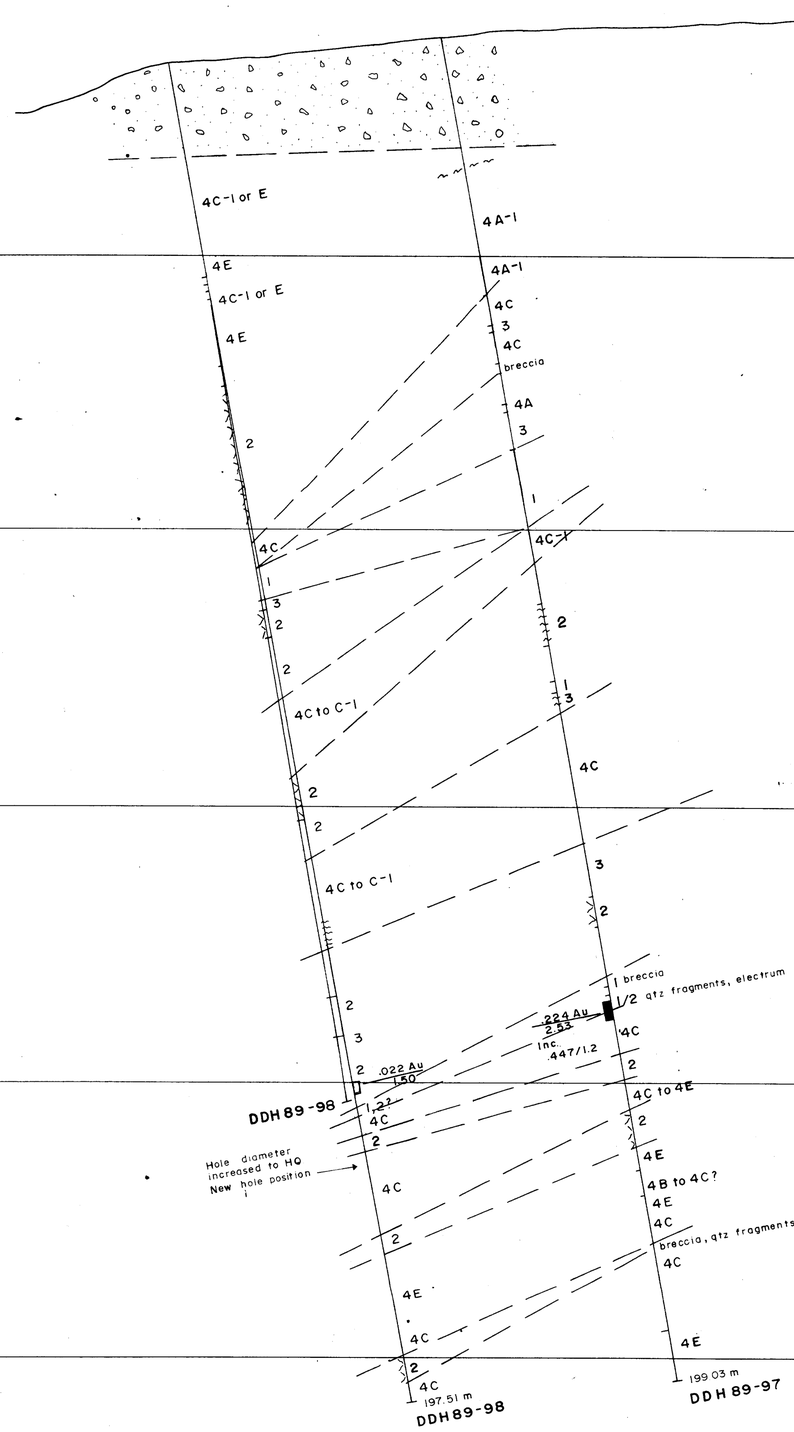
0+50W

0+50E

1+00E

1+50 E

335°



LEGEND

Centre line of hole.

$\frac{.075}{4.25}$ Assay interval — $\frac{\text{oz/ton gold}}{\text{width (metres)}}$

03 to .07 oz/ton gold.

> .07 oz/ton gold.

3 Geological contacts.

LITHOLOGY

- 4 — FELDSPAR PORPHYRY DIKE
- 3 — SHEAR ZONE
- 2 — ANDESITE FLOWS, MINOR BASALT
- 1 — TUFF, FINE (LOCALLY BEDDED) TO COARSE GRAINED LAPILLI TUFF
- SHEAR / FRACTURE

CORONA CORPORATION
HUNTINGTON RESOURCES INC

BRETT CLAIMS
DRILL SECTION 13+42 N
VERNON M.D. B.C.

PREPARED BY:	SCALE:	PROJECT NO:
R.W. / R.K.	1:500	1015
N.T.S.: 82L/4E	DATE: July 89	MAP NO.: 89-8A

WSW

BL

ENE

ELEV. 1400

ELEV. 1360

ELEV. 1320

ELEV. 1280

ELEV. 1240

ELEV. 1200

ELEV. 1160

broken

4A

4A-1

4C

4CE

4C-1

4D

4E

broken and brecciated

1,2

F

100

200

170.38 m

DDH. 89-88

189.89 m

DDH. 89-96

221.89 m

DDH. 89-89

.075 / 4.25

.28 / 1.95

silicified breccia

qtz stringer zone, electrum

qtz breccia

brecciated

sil brecciated

hydrothermal breccia

2+00 W

1+50 W

1+00 W

0+50 W

0+50 E

1+00 E

1+50 E

335°

LEGEND

Centre line of hole.

.075 / 4.25 Assay interval — oz/ton gold / width (metres)

.03 to .07 oz/ton gold.

> .07 oz/ton gold.

3 Geological contacts.

LITHOLOGY

4 FELDSPAR PORPHYRY DIKE

3 SHEAR ZONE

2 ANDESITE FLOWS, MINOR BASALT

TUFF, FINE (LOCALLY BEDDED) TO COARSE GRAINED LAPILLI TUFF

SHEAR / FRACTURE

CORONA CORPORATION
HUNTINGTON RESOURCES INC

BRETT CLAIMS

DRILL SECTION 13+75 N

VERNON M.D. B.C.

PREPARED BY: RW/GR/RK.	SCALE: 1:500	PROJECT NO.: 1015
N.T.S.: 82L/4E	DATE: July 89	MAP NO.: 89-9

APPENDIX C

DIAMOND DRILL LOGS. PHASE II

09-16-1989 :: 15:05

CORONA CORPORATION

DIAMOND DRILL LOG

DDH89-93

PROPERTY	: BRETT	PROJECT #	: 1015		
NTS MAP #	: 82L/4E	TOWNSHIP	: VERNON MINING DIVISION	CLAIM #	: BRETT 1
LINE/STATION:	13+11N / 0+82W	EASTINGS/NORTHINGS:		ELEVATION	: 1378.70 m
LENGTH	: 170.08 m	INCLINATION	: -47.0 degrees	AZIMUTH	: 64.0 degrees
OVERBURDEN	: 15.85 m	CASING	: 15.85 M		
LOGGED BY	: R. Klassen	DRILLED BY	: Core Enterprises	ASSAYING BY	: Eco-Tech
DATE LOGGED	: 1989/08/16 to 1989/08/18	DATE DRILLED	: 1989/08/15 to 1989/08/18	CORE LOCATION:	Property

Acid Tests

Depth	Dip
48.15	-48.0
93.88	-49.0
142.64	-51.0

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
0.00	15.85	CASING IN OVERBURDEN							
15.85	29.75	FELDSPAR PORPHYRY DYKE (A to A-1)							
		Colour: light grey to medium green.	33151	22.75	24.18	1.43	0.001	0.10	0.00
		Grain Size: Fine to Medium.	33152	24.18	25.24	1.06	0.001	0.10	0.00
		Varied Texture: appears to be intrusive with a few weakly brecciated sections	33153	25.24	26.00	0.76	0.001	0.10	0.00
		Feldspar Phenocrysts: grey to white, subhedral, elongate, 2-4mm, sometimes powdery white	33154	26.00	27.12	1.12	0.001	0.10	0.00
			33155	27.12	28.30	1.18	0.001	0.10	0.00
		Composition	33156	28.30	29.75	1.45	0.001	0.10	0.00
		Mafics: dark green to black, chloritic, euhedral phenocrysts, elongate 1-2mm							
		Alteration							
		Chloritic: Moderate, patchy to pervasive							
		Epidote: Weak, along fractures							
		Clay: Weak to Moderate, increasing with depth							
		Mineralisation							
		Pyrite: 1 to 2%, fine to medium grained, disseminated							
		Veins and Sub-Intervals							
		Calcite Veining, abundant stringers up to 2mm							
		(15.85)-(21.31): Broken core, limonitic stain on fractures and fragments.							
		(25.24)-(25.89): Shear Zone. Clay gouge with lower contact at 10 deg. cax.							
		(26.82)-(26.95): Rounded pebbles of calcite grained intrusive. Deepest point of casing.							
		(27.08)-(27.14): Shear. Clay gouge with lower contact at 30 deg. cax.							
		(28.30)-(29.75): Shear Zone. Clay gouge. Lower 41 cm is dark grey with brecciated fragments to 3 cm. Fine grained disseminated pyrite and blebs (5%). Upper contact at 42 deg. cax, lower contact at 40 deg. cax.							
29.75	32.07	BRECCIATED INTRUSIVE (A to A-1)							
		Colour: light grey to dark grey.	33157	29.75	31.25	1.50	0.001	0.10	0.00
		Brecciated Texture: Angular fragments to 7cm in a dark grey to black, fine grained pyritic matrix with occasional silicified sections.	33158	31.25	32.07	0.82	0.001	0.30	0.00
		Composition							
		Fragments: protolith appears to be feldspar porphyry (A to A-1) with strong k-spar alteration							
		Structure							

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Contact: 40 deg. cax. sharp upper Contact: 60 deg. cax. sharp lower **Alteration** K-spar: Moderate. present in fragments and along veins in matrix Epidote: Moderate. patchy along quartz veins and blebs **Mineralisation** Pyrite: 2 to 5%. fine grained disseminated, some blebs to 3cm, veins to 5mm Bright green mineral: Trace. **Veins and Sub-Intervals** Quartz Veining. veins and blebs in matrix Calcite Veining. stringers up to 2mm in matrix (30.40)-(31.12): Clay altered gouge. Brecciated fragments to 7cm. Upper contact 60 deg. cax. (31.70)-(32.07): Clay altered gouge. Brecciated fragments to 7cm and fragments of light grey fine grained tuff to 3cm. Upper contact at 90 deg. cax.								
32.07	36.26	**FELDSPAR PORPHYRY DYKE (C)** Grain Size: Coarse. Vuggy Texture: increasing with depth Feldspar Phenocrysts: white, euhedral, elongate 3-7mm Magnetic Response: Moderate to Strong. **Composition** Mafics: black phenocrysts, euhedral, 1-3mm, elongate Groundmass: dark green to dark grey **Structure** Contact: 60 deg. cax. sharp upper Contact: 75 deg. cax. sharp lower **Alteration** Clay: Weak. at contacts **Mineralisation** Pyrite: Trace to 2%. fine to medium grained, disseminated **Veins** Calcite Veining. stringers up to 2mm								
36.26	37.01	**BRECCIATED INTRUSIVE/GOUGE ZONE** Colour: light grey to dark grey.	33159	36.26	37.01	0.75	0.001	0.30	0.00

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Brecciated Texture: Angular fragments to 7cm in light grey to dark grey clay, pyrite, gouge matrix							
		Composition							
		Fragments: Protolith is feldspar porphyry (A)							
		Matrix: calcite and quartz blebs to 1cm in clay, pyrite, gouge matrix							
		Structure							
		Contact: 45 deg. cax. sharp lower							
		Alteration							
		Clay: Moderate. in gouge material							
		K-spar: Weak. on fragments							
		Epidote: on calcite blebs							
		Mineralisation							
		Pyrite: 2 to 5%. stringers, veins to 3mm, blebs and smears to 1cm. Fine grained disseminated.							
		Bright green mineral: abundant.							
		Veins							
		Calcite Veining. few stringers							
37.01	50.54	**FELDSPAR PORPHYRY (A to A-1)**							
		Colour: dark grey-green.	33160	37.01	38.11	1.10	0.001	0.40	0.00
		Grain Size: Fine to Medium.	33161	48.42	50.54	2.12	0.001	0.20	0.00
		Vuggy Texture: grain size and number of vugs increase with depth							
		Feldspar Phenocrysts: white, euhedral, elongate to 2mm							
		Composition							
		Mafics: black phenocrysts, euhedral, elongate to 1mm, sometimes chloritic							
		Groundmass: dark grey to dark green, fine grained							
		Alteration							
		Limonitic: along stringers and fractures							
		Chloritic: Weak. patchy							
		Mineralisation							
		Pyrite: 1 to 2%. fine grained disseminated and as stringers							
		Veins and Sub-Intervals							
		Quartz Veining. few veins to 3mm							
		Calcite Veining. abundant stringers to 2mm, many at 35 deg. cax							
		(27.01)-(37.91): Brecciated texture. Fragments to 4cm in pyritic (5%) fine grained matrix. Chloritic alteration.							
		(41.35)-(46.00): Partially broken core with limonitic stain on fractures.							

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Section of magnetic basalt from 41.02 to 41.96m. (48.48)-(50.54): Extremely broken core with minor clay gouge.							
50.54	52.14	**BRECCIATED FLOW** Colour: light green-grey to dark grey. Brecciated Texture: Angular fragments to 7cm, few sections of fine grained variably bedded material Fracturing: Broken ( ) 50)/m. **Composition** Fragments: protolith is feldspar porphyry (A) Matrix: calcite and pyrite rich **Alteration** Silicification: patchy in matrix and in fragments **Mineralisation** Pyrite: 2 to 4%. fine grained disseminated in matrix, stringers and along quartz veins. **Veins and Sub-Intervals** Quartz Veining. 3mm veins from 50 to 65 degrees. Calcite Veining. abundant stringers and veins to 3mm at 60 deg. cax (51.31)-(54.41): Vuggy quartz vein with abundant pyrite at 65 deg. cax.	33162	50.54	51.49	0.95	0.002	3.10	0.00
			33163	51.49	52.14	0.65	0.002	0.20	0.00
52.14	63.86	**BEDDED TO COARSE TUFF/BRECCIA** Colour: dark green to dark grey. Grain Size: Very Fine to Coarse. Vuggy Texture: ranges from very fine grained bedded tuff to coarse grained non-bedded tuff or brecciated flow **Composition** Bleached: fragments ranges from fine grained to lapilli size Matrix: often pyritic **Structure** BEDDING: 60 deg. cax. well bedded in fine grained sections **Mineralisation** Pyrite: 3 to 10%. fine grained disseminated present as matrix material (10%) in some sections, stringers and veins to 3mm, blebs to 1cm. **Veins and Sub-Intervals** Quartz Veining. abundant stringers, often vuggy and pyritic Calcite Veining. few stringers	33164	54.36	56.36	2.00	0.001	1.90	0.00
			33181	56.36	57.78	1.42	0.001	0.70	0.00
			33182	57.78	59.23	1.45	0.001	0.60	0.00
			33183	59.23	60.58	1.35	0.001	0.70	0.00
			33184	60.58	62.08	1.50	0.001	0.10	0.00
			33185	62.08	63.86	1.78	0.001	0.10	0.00

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		(52.14)-(56.36): Coarse grained, dark grey, lapilli tuff;, pyritic matrix, few calcite blebs and stringers.							
		(56.36)-(59.45): Fine grained, bedded tuff. Few sections of coarser grained bleached material. Dark grey, fine grained pyritic matrix. Bedding at 60 deg. cax. Pyrite in 1cm blebs and 5mm bands parallel to bedding.							
		(59.45)-(63.86): Dark green, coarse grained bleached lapilli tuff. Fragments to 4cm in dark green matrix, few small gouge zones present.							
63.86	68.42	**FELDSPAR PORPHYRY DYKE(C)**							
		Grain Size: Coarse.							
		Vuggy Texture.							
		Feldspar Phenocrysts: grey to white, euhedral, elongate to 7mm							
		Magnetic Response: Moderate.							
		Composition							
		Mafics: black phenocrysts, euhedral, blade like, 1-2mm							
		Groundmass: medium green							
		Structure							
		Contact: broken upper and lower							
		Mineralisation							
		Pyrite: Trace to 1%. fine grained disseminated							
68.42	74.48	**FINE GRAINED WELL BEDDED TUFF/BRECCIA**							
		Colour: light grey to dark grey.	33186	68.42	68.96	0.54	0.001	0.70	0.00
		Grain Size: Very Fine to Fine.	33165	68.96	70.49	1.53	0.001	1.00	0.00
		Vuggy Texture: well bedded monolithic tuff with sections of non bedded brecciated material	33166	72.12	73.62	1.50	0.001	0.10	0.00
			33167	73.62	74.48	0.86	0.001	0.70	0.00
		Fracturing: Weak (1-10)/m.							
		Structure							
		Bedding: 45 deg. cax. very fine grained light to dark grey beds							
		Bedding: 90 deg. cax. fine grained, grey beds							
		Mineralisation							
		Pyrite: 2 to 5%. fine grained disseminated, 1-3mm beds parallel to the two bedding trends							
		Veins and Sub-Intervals							
		Calcite Veining. veins up to 5mm							
		(68.96)-(70.49): Gouge zone							

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		(72.12)-(74.16): Quartz-carbonate Veining. 2mm veins at variable angles							
74.48	80.85	**AMYGDALOIDAL ANDESITE**							
		Colour: medium grey.	33168	74.48	75.48	1.00	0.014	3.10	0.00
		Amygdaloidal Texture: massive with a few tuff/breccia sections	33169	75.48	76.98	1.50	0.002	0.60	0.00
		Magnetic Response: Weak.	33170	76.98	78.23	1.25	0.001	0.20	0.00
		Composition	33171	78.23	79.54	1.31	0.001	0.40	0.00
		Amygdales: 60%. calcite filled	33172	79.54	80.85	1.31	0.001	0.10	0.00
		Structure							
		Contact: 45 deg. cax. sharp upper							
		Alteration							
		Silicification: Weak. patchy							
		Mineralisation							
		Pyrite: Trace to 5%. fine grained disseminated and as stringers to 5mm and along quartz veins							
		Bright green mineral: Trace.							
		Veins and Sub-Intervals							
		Quartz-carbonate Veining. stringers and veins to 3cm							
		Quartz Veining. few veins and blebs to 2cm							
		Calcite Veining. stringers							
		(75.59)-(75.98): Medium grey, fine grained, well bedded tuff. Calcite stringers and quartz veins to 3cm at 65 to 70 deg. cax. Bedding at 55 deg. cax.							
		(79.94)-(80.85): Fine to medium grained, bedded to nonbedded tuff/breccia. Calcareous, pyritic matrix with lapilli size andesite fragments. Bedding from 50 to 60 deg. cax. Becomes coarser with depth.							
80.85	84.23	**BRECCIATED ANDESITE/MASSIVE ANDESITE**							
		Colour: light green-grey to medium grey.							
		Massive Texture: plus a few brecciated sections							
		Composition							
		Amygdales: calcite filled							
		Alteration							
		Epidote: Moderate. present on amygdales							
		Mineralisation							
		Pyrite: Trace to 1%. fine grained disseminated							

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Veins							
		Quartz Veining. few 2mm veinlets							
		Calcite Veining. few stringers							
84.23	89.64	**BRECCIATED ANDESITE FLOW**							
		Colour: dark grey-black.	33173	84.23	85.26	1.03	0.001	0.10	0.00
		Brecciated Texture: large angular fragments in fine grained matrix with abundant gouge and some tuff like sections	33174	85.26	86.60	1.34	0.001	0.50	0.00
			33175	86.60	88.17	1.57	0.001	1.60	0.00
		Fracturing: Moderate (11-20)/m.	33176	88.17	89.77	1.60	0.003	2.20	0.00
		Composition							
		Fragments: protolith is andesite							
		Matrix: dark green grey with abundant gouge material							
		Structure							
		Fractures: well fractured with gouge material in matrix							
		Alteration							
		Silicification: Weak.							
		Mineralisation							
		Pyrite: 5 to 10%. fine grained disseminated and along fractures							
		Bright green mineral: abundant crystals							
		Veins							
		Calcite Veining. abundant stringers							
		Quartz Veining. few veins and blebs at 88.80 to 89.00							
89.64	92.02	**FELDSPAR PORPHYRY DYKE (A to E)**							
		Colour: light green to dark green.	33177	89.77	90.83	1.06	0.001	0.50	0.00
		Grain Size: Fine to Medium.	33178	90.83	92.02	1.19	0.001	0.70	0.00
		Feldspar Phenocrysts: white, euhedral, elongate to 3mm							
		Composition							
		Groundmass: light green, fine grained							
		Alteration							
		Silicification: Moderate. increases towards lower contact							
		Mineralisation							
		Pyrite: 1 to 2%. fine grained disseminated and as stringers							
		Veins							
		Quartz Veining. stringers							
		Calcite Veining. stringers							

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
92.02	93.10	**SILICIFIED BRECCIA** Colour: light green to dark green. Brecciated Texture: Angular heterolithic fragments to 5cm in moderately silicified light to dark green matrix Magnetic Response: Moderate. **Composition** Fragments: bleached, predominantly feldspar porphyry (E) Matrix: fine to medium grained, minor gouge material **Structure** Contact: 55 deg. cax. sharp upper **Alteration** Hematitic: on stringers Epidote: Moderate. predominantly in matrix Silicification: Weak to Moderate. matrix **Mineralisation** Pyrite: Trace. fine grained disseminated **Veins** Quartz Veining. stringers and few 1cm fragments Calcite Veining. stringers	33179	92.02	93.10	1.08	0.001	2.90	0.00
93.10	100.88	**FELDSPAR PORPHYRY (E)** Colour: light green. Grain Size: Fine to Medium. Feldspar Phenocrysts: beige to white, subhedral to euhedral, elongate 2-4mm **Composition** Mafics: dark green to black, chloritic, euhedral phenocrysts, elongate 2-4mm Groundmass: light green, fine grained **Alteration** Epidote: Weak. **Mineralisation** Pyrite: Trace to 1%. fine grained disseminated, few stringers **Veins** Calcite Veining. few stringers	33180	93.10	94.60	1.50	0.001	0.10	0.00
100.88	104.81	**FELDSPAR PORPHYRY DYKE (A)** Feldspar Phenocrysts: light grey to white, tabular, 2-4mm **Composition**							

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Mafics: dark green to black phenocrysts, 1-2mm Groundmass: fine to medium grained **Alteration** Epidote: Weak. in groundmass **Mineralisation** Pyrite: Trace to 1%. fine grained disseminated and few stringers **Veins** Quartz-carbonate Veining. few stringers							
104.81	108.45	**FELDSPAR PORPHYRY DYKE (C)** Colour: grey green. Grain Size: Medium to Coarse. Feldspar Phenocrysts: white, euhedral, tabular to 7mm Fracturing: Broken ( ) 50)/m. **Composition** Mafics: black tabular phenocrysts 3-4mm Groundmass: fine grained grey to green **Mineralisation** Pyrite: 1%. fine grained disseminated **Veins** Quartz Veining. blebs and amethyst blebs Calcite Veining. stringers							
108.45	117.79	**FELDSPAR PORPHYRY DYKE (E)** Colour: light green. Grain Size: Fine to Medium. Feldspar Phenocrysts: light green to white, tabular 3-5mm Fracturing: Moderate (11-20)/m. **Composition** Mafics: black phenocrysts 1-2mm Groundmass: green,fine grained **Alteration** Epidote: Weak. **Veins** Quartz-carbonate Veining. stringers to 2mm							
117.79	127.45	**FELDSPAR PORPHYRY (C to E)**							

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Colour: light green to dark green.	33187	123.09	125.09	2.00	0.004	0.30	0.00
		Grain Size: Fine to Coarse.	33188	126.31	127.05	0.74	0.001	0.30	0.00
		Varied Texture: between type C and type E, vuggy	33189	127.05	130.05	3.00	0.001	0.50	0.00
		Feldspar Phenocrysts: grey to white, subhedral to euhedral, tabular, 4-7mm							
		Magnetic Response: Moderate.							
		Composition							
		Mafics: black, euhedral tabular phenocrysts 1-3mm							
		Groundmass: dark green to medium grey, fine grained							
		Alteration							
		Blue: Weak.							
		Mineralisation							
		Pyrite: Trace to 1%. fine grained disseminated and few stringers							
		Veins and Sub-Intervals							
		Quartz-carbonate Veining. stringers							
		(124.00)-(127.30): Broken core, blue, patchy silicification.							
127.45	132.12	**FELDSPAR PORPHYRY DYKE (D)**							
		Colour: dark grey.	33190	130.05	132.12	2.07	0.001	0.30	0.00
		Grain Size: Fine to Medium.							
		Feldspar Phenocrysts: beige to white, euhedral to subhedral, tabular 3-4mm							
		Magnetic Response: Moderate.							
		Composition							
		Mafics: black euhedral tabular phenocrysts 1-2mm							
		Structure							
		Contact: 63 deg. cax. sharp upper							
		Contact: 46 deg. cax. bleached lower							
		Alteration							
		K-spar: Weak. along some calcite veins							
		Veins							
		Quartz-carbonate Veining. Core axis angle 5 to 10 degrees. veins to 5mm							
		Calcite Veining. Core axis angle 5 to 10 degrees. abundant stringers and veins to 5mm							
132.12	137.62	**FELDSPAR PORPHYRY DYKE (C)**							
		Colour: dark grey.							
		Grain Size: Medium to Coarse.							
		Feldspar Phenocrysts: light green to white, euhedral tabular 3-7mm							

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Magnetic Response: Moderate.							
		Composition							
		Mafics: black phenocrysts, subhedral to euhedral, tabular 2-4mm							
		Groundmass: dark green to grey, fine grained							
		Alteration							
		Epidote: Weak.							
		Mineralisation							
		Pyrite: 1 to 2%. fine grained, disseminated							
		Veins							
		Calcite Veining. stringers							
		Quartz-carbonate Veining. stringers							
		Quartz Veining. quartz and amethyst blebs							
137.62	142.06	FELDSPAR PORPHYRY DYKE (E)							
		Colour: light green to medium green.							
		Feldspar Phenocrysts: light green to white, subhedral, up to 5mm							
		Composition							
		Groundmass: fine grained							
		Alteration							
		Epidote: Weak.							
		Mineralisation							
		Pyrite: Trace. fine grained, disseminated							
		Veins							
		Calcite Veining. stringers							
142.06	166.96	BRECCIATED ANDESITE/ANDESITE							
		Colour: light grey to dark green.	33191	142.06	144.84	2.78	0.001	0.20	0.00
		Brecciated Texture: fragments from 1cm to 10cm in fine grained grey sometimes calcareous matrix	33192	144.84	145.69	0.85	0.001	0.70	0.00
			33193	145.69	147.61	1.92	0.001	0.40	0.00
		Composition	33194	147.61	149.11	1.50	0.001	0.20	0.00
		Fragments: protolith is amygdaloidal andesite	33195	149.11	151.29	2.18	0.001	2.20	0.00
		Amygdales: calcite filled	33196	151.29	152.79	1.50	0.001	1.60	0.00
		Mineralisation	33197	152.79	153.85	1.06	0.001	1.20	0.00
		Pyrite: 1 to 5%. fine grained disseminated and stringers	33198	153.85	154.94	1.09	0.002	0.60	0.00
		Veins and Sub-Intervals	33199	154.94	157.52	2.58	0.001	0.10	0.00
		Quartz Veining. Core axis angle variable. veins to 3mm	33200	157.52	159.02	1.50	0.001	0.30	0.00
		Calcite Veining. stringers and blebs to 2cm	33201	159.02	160.42	1.40	0.001	0.10	0.00

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		(142.06)-(144.84): Subangular fragments to 1cm in dark green to dark grey matrix. Moderately silicified with a few quartz blebs to 1cm calcite stringers. K-spar stain on fragments.	33202	160.42	161.69	1.27	0.001	0.90	0.00
			33203	161.69	163.17	1.48	0.001	2.50	0.00
			33206	162.35	166.96	4.61	0.013	1.20	0.00
		(144.84)-(147.61): Dark grey amygdaloidal andesite breccia. Flattened calcite amygdales to 1 cm at 80 deg. cax. Fragments to 3cm in carbonate rich matrix. Abundant calcite stringers, few quartz blebs, trace bright green mineral.	33204	163.17	164.25	1.08	0.001	1.90	0.00
			33205	164.25	165.35	1.10	0.001	2.20	0.00
			33206	165.35	166.96	1.61			
		(147.61)-(151.29): Moderately clay altered gouge zone							
		(151.29)-(153.85): Weakly brecciated light to dark banded andesite. Calcite amygdales, quartz blebs, calcite and quartz stringers. Fine grained disseminated pyrite and pyrite stringers (3%). Weak epidote alteration, trace bright green mineral.							
		(153.85)-(154.94): Black magnetic basalt. Few quartz-carbonate blebs and stringers.							
		(154.94)-(166.96): Brecciated andesite/flow. Large sub rounded light green fragments to 10cm in grey matrix. Abundant calcite stringers and blebs in matrix. Quartz stringers and blebs thoughout. Broken core from 154.99 to 157.53.							
166.96	170.08	**FELDSPAR PORPHYRY DYKE (C)**							
		Colour: green grey.							
		Grain Size: Coarse.							
		Feldspar Phenocrysts: white, euhedral, elongate to 7mm							
		Magnetic Response: Moderate to Strong.							
		Composition							
		Mafics: black euhedral phenocrysts, 3-4mm							
		Groundmass: fine grained							
		Structure							
		Cm: 60 deg. cax. sharp upper, slightly brecciated							
		Mineralisation							
		Pyrite: Trace. fine grained, disseminated							
170.08		END OF HOLE.							

CORONA CORPORATION DDH89-93

09-17-1989 :: 13:42 SUMMARY LOG

From(m)	To(m)	Field Name (Legend)
0.00	15.85	CASING IN OVERBURDEN
15.85	29.75	FELDSPAR PORPHYRY DYKE (A to A-1)
		light grey to medium green, increasing clay alteration with depth.
29.75	32.07	BRECCIATED INTRUSIVE (A to A-1)
		light grey to dark grey
32.07	36.26	FELDSPAR PORPHYRY DYKE (C)
36.26	37.01	BRECCIATED INTRUSIVE/GOUGE ZONE
37.01	50.54	FELDSPAR PORPHYRY (A to A-1)
50.54	52.14	BRECCIATED FLOW
		patchy silicification.
52.14	63.86	BEDDED TO COARSE TUFF/BRECCIA
		bedded fine grained tuff to coarse lapilli tuff or breccia
63.86	68.42	FELDSPAR PORPHYRY DYKE(C)
68.42	74.48	FINE GRAINED WELL BEDDED TUFF/BRECCIA
74.48	80.85	AMYGDALOIDAL ANDESITE
80.85	84.23	BRECCIATED ANDESITE/MASSIVE ANDESITE
84.23	89.64	BRECCIATED ANDESITE FLOW
89.64	92.02	FELDSPAR PORPHYRY DYKE (A to E)
92.02	93.10	SILICIFIED BRECCIA
		dark green colour.
93.10	100.88	FELDSPAR PORPHYRY (E)
100.88	104.81	FELDSPAR PORPHYRY DYKE (A)
104.81	108.45	FELDSPAR PORPHYRY DYKE (C)
108.45	117.79	FELDSPAR PORPHYRY DYKE (E)
117.79	127.45	FELDSPAR PORPHYRY (C to E)
127.45	132.12	FELDSPAR PORPHYRY DYKE (D)
132.12	137.62	FELDSPAR PORPHYRY DYKE (C)
137.62	142.06	FELDSPAR PORPHYRY DYKE (E)
142.06	166.96	BRECCIATED ANDESITE/ANDESITE
166.96	170.08	FELDSPAR PORPHYRY DYKE (C)

170.08 END OF HOLE.

Sample No.	From (m)	To (m)	Width (m)	Comment	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
33151	22.75	24.18	1.43		0.001	0.10	0.00
33152	24.18	25.24	1.06		0.001	0.10	0.00
33153	25.24	26.00	0.76		0.001	0.10	0.00
33154	26.00	27.12	1.12		0.001	0.10	0.00
33155	27.12	28.30	1.18		0.001	0.10	0.00
33156	28.30	29.75	1.45		0.001	0.10	0.00
33157	29.75	31.25	1.50		0.001	0.10	0.00
33158	31.25	32.07	0.82		0.001	0.30	0.00
33159	36.26	37.01	0.75		0.001	0.30	0.00
33160	37.01	38.11	1.10		0.001	0.40	0.00
33161	48.42	50.54	2.12		0.001	0.20	0.00
33162	50.54	51.49	0.95		0.002	3.10	0.00
33163	51.49	52.14	0.65		0.002	0.20	0.00
33164	54.36	56.36	2.00		0.001	1.90	0.00
33181	56.36	57.78	1.42		0.001	0.70	0.00
33182	57.78	59.23	1.45		0.001	0.60	0.00
33183	59.23	60.58	1.35		0.001	0.70	0.00
33184	60.58	62.08	1.50		0.001	0.10	0.00
33185	62.08	63.86	1.78		0.001	0.10	0.00
33186	68.42	68.96	0.54		0.001	0.70	0.00
33165	68.96	70.49	1.53		0.001	1.00	0.00
33166	72.12	73.62	1.50		0.001	0.10	0.00
33167	73.62	74.48	0.86		0.001	0.70	0.00
33168	74.48	75.48	1.00		0.014	3.10	0.00
33169	75.48	76.98	1.50		0.002	0.60	0.00
33170	76.98	78.23	1.25		0.001	0.20	0.00
33171	78.23	79.54	1.31		0.001	0.40	0.00
33172	79.54	80.85	1.31		0.001	0.10	0.00
33173	84.23	85.26	1.03		0.001	0.10	0.00
33174	85.26	86.60	1.34		0.001	0.50	0.00
33175	86.60	88.17	1.57		0.001	1.60	0.00
33176	88.17	89.77	1.60		0.003	2.20	0.00
33177	89.77	90.83	1.06		0.001	0.50	0.00
33178	90.83	92.02	1.19		0.001	0.70	0.00
33179	92.02	93.10	1.08		0.001	2.90	0.00
33180	93.10	94.60	1.50		0.001	0.10	0.00
33187	123.09	125.09	2.00		0.004	0.30	0.00

Sample No.	From (m)	To (m)	Width (m)	Comment	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
33188	126.31	127.05	0.74		0.001	0.30	0.00
33189	127.05	130.05	3.00		0.001	0.50	0.00
33190	130.05	132.12	2.07		0.001	0.30	0.00
33191	142.06	144.84	2.78		0.001	0.20	0.00
33192	144.84	145.69	0.85		0.001	0.70	0.00
33193	145.69	147.61	1.92		0.001	0.40	0.00
33194	147.61	149.11	1.50		0.001	0.20	0.00
33195	149.11	151.29	2.18		0.001	2.20	0.00
33196	151.29	152.79	1.50		0.001	1.60	0.00
33197	152.79	153.85	1.06		0.001	1.20	0.00
33198	153.85	154.94	1.09		0.002	0.60	0.00
33199	154.94	157.52	2.58		0.001	0.10	0.00
33200	157.52	159.02	1.50		0.001	0.30	0.00
33201	159.02	160.42	1.40		0.001	0.10	0.00
33202	160.42	161.69	1.27		0.001	0.90	0.00
33203	161.69	163.17	1.48		0.001	2.50	0.00
33206	162.35	166.96	4.61		0.013	1.20	0.00
33204	163.17	164.25	1.08		0.001	1.90	0.00
33205	164.25	165.35	1.10		0.001	2.20	0.00
33206	165.35	166.96	1.61				

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CORONA CORPORATION

DIAMOND DRILL LOG

DDH89-94

PROPERTY	: BRETT	PROJECT #	: 1015		
NTS MAP #	: 82L/4E	TOWNSHIP	: VERNON MINING DIVISION	CLAIM #	: BRETT 1
LINE/STATION:	13+11N / 0+82W	EASTINGS/NORTHINGS:		ELEVATION	: 1378.70 m
LENGTH	: 93.87 m	INCLINATION	: -85.0 degrees	AZIMUTH	: 64.0 degrees
OVERBURDEN	: 12.80 m	CASING	: 12.80		
LOGGED BY	: R. Klassen	DRILLED BY	: Core Enterprises	ASSAYING BY	: Eco-Tech
DATE LOGGED	: 1989/08/18 to 1989/08/20	DATE DRILLED	: 1989/08/18 to 1989/08/20	CORE LOCATION:	Property

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
0.00	12.80	CASING IN OVERBURDEN							
12.80	23.40	BLEACHED FELDSPAR PORPHYRY(A)/FINELY PORPHYRITIC FLOW Colour: light grey-green. Grain Size: Fine. Varied Texture: type a intrusive with slight flow texture appearance Feldspar Phenocrysts: grey to white, subhedral to euhedral, some tabular, 1-2mm Fracturing: Moderate (11-20)/m. Composition Mafics: few chloritic anhedral ghost phenocrysts, 1-2mm Groundmass: light grey, fine grained Xenolith: few fragments of dark grey fine grained intrusive to 2 cm Alteration Bleached: Weak. K-spar: Weak. on a few calcite stringers Mineralisation Pyrite: Trace to 1%. fine grained disseminated Veins and Sub-Intervals Calcite Veining. few stringers (17.82)-(23.40): Broken core with few sections of grey material.	33208	21.23	23.40	2.17	0.011	0.20	0.00
23.40	28.72	SHEAR ZONE Colour: light grey to dark grey-blue. Gouge Texture: very soft fine to medium grained material Composition Fragments: contains few 10cm fragments of brecciated type A in clay altered dark grey to black matrix Alteration Clay: Strong. Sub-Intervals (25.85)-(28.14): Brecciated type A intrusive. Feldspar phenocrysts are white, subhedral to euhedral, tabular to 3mm in dark green clay rich matrix. Moderate clay alteration. Few calcite stringers at 25 deg. cax. Upper contact at 25 deg. cax, lower contact at 35 deg. cax.	33209	23.40	25.85	2.45	0.002	0.80	0.00
			33210	25.85	26.95	1.10	0.002	0.30	0.00
			33211	26.95	28.14	1.19	0.002	0.10	0.00
			33212	28.15	28.72	0.57	0.002	0.10	0.00

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
28.72	32.92	BLEACHED FELDSPAR PORPHYRY(A)/FINELY PORPHYRITIC FLOW Grain Size: Fine. Varied Texture: few brecciated sections Feldspar Phenocrysts: white, wv to subhedral ghost phenocrysts to 3mm Alteration Bleached: Moderate. Clay: Moderate. Mineralisation Pyrite: Trace. fine grained,disseminated Veins and Sub-Intervals Calcite Veining. abundant stringers (31.19)-(32.92): Brecciated. Subangular fragments of type A to 4 cm in dark grey matrix. Moderate clay alteration.	33213	31.72	32.92	1.20	0.002	1.00	0.00
32.92	38.48	SHEAR ZONE Colour: dark grey-blue. Gouge Texture: soft fine to medium grained material Alteration Clay: Strong. Sub-Intervals (37.25)-(38.48): Darker grey gouge material with subangular heterolithic fragments to 10cm. Weak epidote alteration, few blebs of calcite and sericite.	33214	32.92	34.42	1.50	0.003	1.00	0.00
			33215	34.42	35.97	1.55	0.002	1.10	0.00
			33216	35.97	37.25	1.28	0.004	1.00	0.00
			33217	37.25	38.48	1.23	0.004	0.20	0.00
38.48	40.32	WEAKLY BRECCIATED FELDSPAR PORPHYRY(A) Colour: dark grey-green. Grain Size: Fine. Brecciated Texture: weak Feldspar Phenocrysts: white, subhedral, tabular 1-3mm Fracturing: Weak (1-10)/m. Composition Mafics: chloritic euhedral phenocrysts, tabular 1-2mm Groundmass: dark grey green, fine grained Structure Contact: 75 deg. cax. sharp upper Alteration Silicification: Moderate.	33218	38.48	39.48	1.00	0.002	0.20	0.00
			33219	39.48	40.32	0.84	0.001	1.00	0.00

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Mineralisation Pyrite: Trace to 2%. fine grained disseminated, few stringers to 2mm Bright green mineral: Trace. Veins Quartz Veining. few stringers and blebs to 1cm Calcite Veining. few stringers							
40.32	45.92	FELDSPAR PORPHYRY DYKE(C) Grain Size: Medium to Coarse. Feldspar Phenocrysts: light grey to white, euhedral, tabular 3-7mm Magnetic Response: Moderate. Composition Mafics: dark green to black,chloritic, euhedral, tabular 1-3mm Groundmass: dark green, fine grained Mineralisation Pyrite: 1 to 2%. fine grained disseminated Veins Quartz Veining. stringers Calcite Veining. stringers								
45.92	51.47	FELDSPAR PORPHYRY(A) Colour: dark grey-green. Grain Size: Fine. Feldspar Phenocrysts: light green to white, subhedral, tabular 2-3mm Composition Mafics: dark green to black chloritic euhedral phenocrysts, tabular 1-2mm Groundmass: dark grey green, fine grained Alteration Chloritic: Weak. Mineralisation Pyrite: Trace. fine grained,disseminated Veins and Sub-Intervals Calcite Veining. stringers (45.92)-(45.98): Quartz Veining. at upper contact, trace bright green mineral, vuggy (48.94)-(51.47): Silicified weakly brecciated feldspar porphyry (A). Rounded to sub angular fragments to 5cm in siliceous pyritic dark grey	33220	48.94	50.50	1.56	0.003	0.80	0.00
			33221	50.50	51.47	0.97	0.001	0.70	0.00

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		matrix. 5% fine grained disseminated pyrite, pyrite stringers and veinlets to 2mm. Few calcite stringers and blebs, trace bright green mineral, patchy chloritic alteration. Upper contact at 20 deg. cax.							
51.47	72.54	TUFF/ARGILLITE/CHEMICAL SEDIMENT PACKAGE							
51.47	53.89	BEDDED LITHIC TUFF Colour: light grey to dark grey. Grain Size: Fine to Medium. Bedded Texture: well bedded with few 2cm beds of cherty chemical sediments Composition Fragments: angular, up to 3mm Matrix: fine grained, light to dark grey, pyritic. Structure Bedding: 85 deg. cax. consistent throughout Mineralisation Pyrite: 3 to 5%. pyrite beds at 85 deg. cax to 3mm, also fine grained disseminated Veins Quartz Veining. stringers Calcite Veining. few hematitic stained stringers	33222 33223	51.47 52.97	52.97 53.89	1.50 0.92	0.006 0.001	0.40 0.20	0.00 0.00
53.89	54.55	COARSE HETEROLITHIC TUFF/BRECCIA Colour: dark grey-green. Grain Size: Coarse. Brecciated Texture: slightly brecciated texture with few 5cm chemical sediment beds at 85 deg. cax. Composition Fragments: angular, heterolithic to 1cm Matrix: dark green, fine grained, calcareous Mineralisation Pyrite: 1%. fine grained disseminated	33224	53.89	54.55	0.66	0.002	0.10	0.00
54.55	55.43	BEDDED TUFF Colour: light grey to dark grey. Grain Size: Fine to Medium.	33225	54.55	55.55	1.00	0.001	0.20	0.00

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Bedded Texture. Structure Bedding: 85 deg. cax. consistent throughout Mineralisation Pyrite: 2 to 3%. fine grained disseminated and blebs.							
55.43	56.69	COARSE HETEROLITHIC TUFF/BRECCIA Colour: dark grey-green. Brecciated Texture. Composition Fragments: subangular to angular, up to 1cm, heterolithic Matrix: dark green, fine grained, calcareous, pyritic Mineralisation Pyrite: 1 to 2%. fine grained disseminated in matrix	33226	55.55	56.69	1.14	0.001	0.10	0.00
56.69	58.46	FINE GRAINED BEDDED TUFF Colour: light grey to dark grey. Grain Size: Fine. Bedded Texture: also contains bedded chemical sediment lenses to 5cm Composition Fragments: heterolithic Matrix: dark grey, fine grained, pyritic Structure Bedding: 85 deg. cax. consistent throughout Mineralisation Pyrite: 3 to 5%. fine grained disseminated and pyrite beds to 3mm Veins Calcite Veining. hematitic stained stringers	33227	56.69	58.46	1.77	0.001	0.10	0.00
58.46	59.32	FINE TO MEDIUM GRAINED TUFF Colour: light grey to dark grey. Grain Size: Fine to Medium. Composition Fragments: monolithic, up to 5mm Matrix: calcareous, pyritic Veins Calcite Veining. abundant blebs	33228 33229	58.46 59.23	59.23 60.62	0.77 1.39	0.001 0.001	0.30 0.20	0.00 0.00

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
59.32	68.65	FINELY LAMINATED CHEMICAL SEDIMENTS							
		Colour: light grey to dark grey.	33230	60.62	61.12	0.50	0.001	0.30	0.00
		Grain Size: Very Fine to Fine.	33231	61.12	63.62	2.50	0.001	0.30	0.00
		Bedded Texture: fine laminations of light grey cherty beds to 2cm and dark grey beds ranging from tuff to argillite to 4cm. Few coarser grained nonbedded clacareous sections to 10 cm.	33232	63.62	65.30	1.68	0.001	0.30	0.00
			33233	65.30	66.65	1.35	0.001	0.40	0.00
			33234	66.65	68.65	2.00	0.001	0.40	0.00
		Composition							
		-: coarser grained nonbedded calcareous sections to 10cm throughout.							
		Structure							
		Bedding: 85 deg. cax. consistent throughout							
		Mineralisation							
		Pyrite: 3 to 5%. beds to 3mm and fine grained disseminated							
		Veins and Sub-Intervals							
		Calcite Veining. abundant stringers							
		Quartz-carbonate Veining. few veins to 1cm							
		(66.65)-(66.68): Small gouge							
68.65	72.54	MEDIUM TO COARSE LITHIC TUFF							
		Composition	33235	68.65	69.83	1.18	0.001	0.20	0.00
		Fragments: subangular monolithic fragments to 1cm	33236	69.83	71.37	1.54	0.001	0.20	0.00
		Matrix: calcareous, fine grained	33237	71.37	72.54	1.17	0.001	0.30	0.00
72.54	75.18	FELDSPAR PORPHYRY DYKE (C-1)							
		Colour: light green to medium green.							
		Grain Size: Fine to Medium.							
		Feldspar Phenocrysts: light grey to white, subhedral, 3-5mm							
		Composition							
		Mafics: few chloritic phenocrysts to 1mm							
		Groundmass: fine grained light medium green, pitted from alteration of feldspar phenocrysts.							
		Alteration							
		Epidote: Weak.							
		Mineralisation							
		Pyrite: Trace to 1%. fine grained disseminated							
75.18	80.73	FINELY PORPHYRITIC ANDESITE/FELDSPAR PORPHYRY DYKE(A TO A-1)							

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Colour: light green to dark green.							
		Grain Size: Fine.							
		Peldspar Phenocrysts: light green, anhedral, 1-2mm, alteration has left pitted surface in groundmass							
		Composition							
		Mafics: abundant chloritic, euhedral, tabular phenocrysts to 2mm							
		Groundmass: fine grained, light to medium green							
		Amygdales: calcite filled							
		Alteration							
		Epidote: Weak.							
		Mineralisation							
		Pyrite: to 1%. fine grained disseminated							
		Veins							
		Calcite Veining. stringers							
80.73	93.87	BRECCIATED ANDESITE/TUFF							
		Colour: dark grey.	33238	80.73	81.05	0.32	0.001	1.00	0.00
		Brecciated Texture: includes few 10 cm sections of bedded tuff	33239	81.05	82.10	1.05	0.001	1.90	0.00
		Composition	33240	82.10	83.31	1.21	0.001	2.70	0.00
		Fragments: Angular, 0.5 to 3cm	33241	83.31	84.31	1.00	0.001	2.10	0.00
		Matrix: dark grey silicified, pyritic, vuggy, fine grained	33242	84.31	85.81	1.50	0.001	1.80	0.00
		Structure	33243	85.81	87.53	1.72	0.001	2.00	0.00
		Contact: 75 deg. cax. upper							
		Alteration							
		Silicification: Strong.							
		Mineralisation							
		Pyrite: 2 to 5%. fine grained disseminated as matrix material and stringers							
		Bright green mineral: trace to abundant							
		Veins and Sub-Intervals							
		Calcite Veining. few veins to 2mm and blebs to 1cm							
		Quartz Veining. vuggy veins and blebs up to 2cm							
		(81.34)-(81.64): Quartz stockwork breccia. Angular dark grey 10 m fragments of andesite in quartz stockwork. Vuggy, drusy. Fine grained disseminated pyrite trace bright green mineral. Broken core.							
		(83.31)-(84.31): Few small drusy quartz blebs and silicification andesite fragments in siliceous vuggy pyritic matrix. Abundant bright green mineral, 3-5% pyrite stringers. Broken core.							

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		(87.53)-(84.31): Few small drusy quartz blebs, in siliceous vuggy pyritic matrix. Abundant bright green mineral. Broken core (50% recovery).							
		(88.53)-(90.83): Fault. Extremely broken core, 43% recovery.							
		(90.83)-(93.87): Fault. No core recovered.							
93.87		END OF HOLE.							

CORONA CORPORATION DDH89-94

09-17-1989 :: 14:22 SUMMARY LOG

From(m)	To(m)	Field Name (Legend)
0.00	12.80	CASING IN OVERBURDEN
12.80	23.40	BLEACHED FELDSPAR PORPHYRY(A)/FINELY PORPHYRITIC FLOW
23.40	28.72	SHEAR ZONE
28.72	32.92	BLEACHED FELDSPAR PORPHYRY(A)/FINELY PORPHYRITIC FLOW
32.92	38.48	SHEAR ZONE
		clay gouge material.
38.48	40.32	WEAKLY BRECCIATED FELDSPAR PORPHYRY(A)
40.32	45.92	FELDSPAR PORPHYRY DYKE(C)
45.92	51.47	FELDSPAR PORPHYRY(A)
51.47	72.54	TUFF/ARGILLITE/CHEMICAL SEDIMENT PACKAGE
51.47	53.89	BEDDED LITHIC TUFF
53.89	54.55	COARSE HETEROLITHIC TUFF/BRECCIA
54.55	55.43	BEDDED TUFF
55.43	56.69	COARSE HETEROLITHIC TUFF/BRECCIA
56.69	58.46	FINE GRAINED BEDDED TUFF
58.46	59.32	FINE TO MEDIUM GRAINED TUFF
59.32	68.65	FINELY LAMINATED CHEMICAL SEDIMENTS
68.65	72.54	MEDIUM TO COARSE LITHIC TUFF
72.54	75.18	FELDSPAR PORPHYRY DYKE (C-1)
75.18	80.73	FINELY PORPHYRITIC ANDESITE/FELDSPAR PORPHYRY DYKE(A TO A-1)
80.73	93.87	BRECCIATED ANDESITE/TUFF
		dark grey colour, patchy silicification, few vuggy quartz blebs and veins.

93.87 END OF HOLE.

Sample No.	From (m)	To (m)	Width (m)	Comment	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
33208	21.23	23.40	2.17		0.011	0.20	0.00
33209	23.40	25.85	2.45		0.002	0.80	0.00
33210	25.85	26.95	1.10		0.002	0.30	0.00
33211	26.95	28.14	1.19		0.002	0.10	0.00
33212	28.15	28.72	0.57		0.002	0.10	0.00
33213	31.72	32.92	1.20		0.002	1.00	0.00
33214	32.92	34.42	1.50		0.003	1.00	0.00
33215	34.42	35.97	1.55		0.002	1.10	0.00
33216	35.97	37.25	1.28		0.004	1.00	0.00
33217	37.25	38.48	1.23		0.004	0.20	0.00
33218	38.48	39.48	1.00		0.002	0.20	0.00
33219	39.48	40.32	0.84		0.001	1.00	0.00
33220	48.94	50.50	1.56		0.003	0.80	0.00
33221	50.50	51.47	0.97		0.001	0.70	0.00
33222	51.47	52.97	1.50		0.006	0.40	0.00
33223	52.97	53.89	0.92		0.001	0.20	0.00
33224	53.89	54.55	0.66		0.002	0.10	0.00
33225	54.55	55.55	1.00		0.001	0.20	0.00
33226	55.55	56.69	1.14		0.001	0.10	0.00
33227	56.69	58.46	1.77		0.001	0.10	0.00
33228	58.46	59.23	0.77		0.001	0.30	0.00
33229	59.23	60.62	1.39		0.001	0.20	0.00
33230	60.62	61.12	0.50		0.001	0.30	0.00
33231	61.12	63.62	2.50		0.001	0.30	0.00
33232	63.62	65.30	1.68		0.001	0.30	0.00
33233	65.30	66.65	1.35		0.001	0.40	0.00
33234	66.65	68.65	2.00		0.001	0.40	0.00
33235	68.65	69.83	1.18		0.001	0.20	0.00
33236	69.83	71.37	1.54		0.001	0.20	0.00
33237	71.37	72.54	1.17		0.001	0.30	0.00
33238	80.73	81.05	0.32		0.001	1.00	0.00
33239	81.05	82.10	1.05		0.001	1.90	0.00
33240	82.10	83.31	1.21		0.001	2.70	0.00
33241	83.31	84.31	1.00		0.001	2.10	0.00
33242	84.31	85.81	1.50		0.001	1.80	0.00
33243	85.81	87.53	1.72		0.001	2.00	0.00

09-17-1989 :: 14:47

CORONA CORPORATION

DIAMOND DRILL LOG

DDH89-95

PROPERTY	: BRETT	PROJECT #	: 1015		
NTS MAP #	: 82L/4E	TOWNSHIP	: VERNON MINING DIVISION	CLAIM #	: BRETT 1
LINE/STATION:	13+11N / 0+92W	EASTINGS/NORTHINGS:		ELEVATION	: 1376.00 m
LENGTH	: 106.07 m	INCLINATION	: -80.0 degrees	AZIMUTH	: 64.0 degrees
OVERBURDEN	: 14.32 m	CASING	: 14.32		
LOGGED BY	: R. Klassen	DRILLED BY	: Core Enterprises	ASSAYING BY	: Eco-Tech
DATE LOGGED	: 1989/08/21 to 1989/08/22	DATE DRILLED	: 1989/08/20 to 1989/08/22	CORE LOCATION:	Property

Acid Test Tests

Depth	Dip
103.94	-82.0

09-17-1989 :: 14:46

CORONA CORPORATION

DIAMOND DRILL LOG

DDH89-95

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
0.00	14.32	CASING IN OVERBURDEN							
14.32	20.50	BROKEN FELDSPAR PORPHYRY(E)/OVERBURDEN Grain Size: Fine to Coarse. Fracturing: Broken ( ) 50)/m. Composition Fragments: Sections of feldspar porphyry (C to E) up to 30cm within broken core and gouge material Alteration Clay: Moderate. Mineralisation Pyrite: 1 to 2%. fine grained disseminated Sub-Intervals (17.67)-(20.50): 70% core recovery								
20.50	39.01	FELDSPAR PORPHYRY(C to D to E) Colour: light grey to dark grey-green. Grain Size: Medium to Coarse. Varied Texture: coarse grained type C but with subhedral feldspar phenocrysts similar to type D Feldspar Phenocrysts: light grey, anhedral to subhedral, rounded to tabular, 4-7mm Fracturing: Weak (1-10)/m. Magnetic Response: Weak to Moderate. Composition Mafics: dark green to black euhedral phenocrysts, 1-2mm Groundmass: light grey to beige to dark green grey, fine grained Alteration K-spar: Weak. patchy Bleached: Weak to Moderate. near upper contact Mineralisation Pyrite: 1 to 2%. fine grained disseminated Veins and Sub-Intervals Calcite Veining. stringers (20.50)-(22.63): Feldspar porphyry (C to E). Light grey to beige, coarse grained, non magnetic, looks like bleached feldspar porphyry (	33251	38.25	39.88	1.63	0.001	0.10	0.00

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		C). Light green weakly chloritic clay altered section from 22.43 to 22.63.							
		(22.63)-(36.57): Feldspar porphyry (C). Dark green, coarse grained, chloritic alteration of subhedral feldspar phenocrysts. Weakly magnetic. Looks like coarse grained feldspar porphyry (D).							
		(36.57)-(39.00): Feldspar porphyry (D). Dark grey green, medium to coarse grained, subhedral feldspar phenocrysts. Moderately magnetic. From 38.25 to 38.47 is coarse grained chloritic feldspar porphyry with equal amounts of feldspar phenocrysts, 2-4mm and mafics phenocrysts 2-3mm in medium grained groundmass. Upper contact at 85 deg. cax.							
39.01	44.74	SHEAR ZONE							
		Colour: grey blue to light green.	33252	39.88	40.24	0.36	0.001	0.20	0.00
		Gouge Texture: round to subround feldspar porphyry (A) fragments to 7cm in gouge and clay matrix	33253	40.24	40.84	0.60	0.001	0.30	0.00
			33254	40.84	42.65	1.81	0.001	0.20	0.00
		Fracturing: Broken ( ) 50)/m.	33255	42.65	44.74	2.09	0.001	0.30	0.00
		Structure							
		Contact: 60 deg. cax. sharp upper							
		Contact: 65 deg. cax. sharp lower							
		Alteration							
		Clay: Strong.							
		Mineralisation							
		Pyrite: 2 to 5%. fine grained disseminated and in blebs, smears and veins to 3mm							
		Bright green mineral: Trace.							
		Sub-Intervals							
		(39.01)-(39.55): Brecciated feldspar porphyry (A). Angular fragments of feldspar porphyry(A) in light to dark grey fine grained matrix. Fine grained disseminated pyrite 2-3% and pyrite stringers to 2mm. Slight bedding trend from 45 to 65 deg. cax. Upper contact at 60 deg. cax, lower contact at 70 deg. cax.							
		(40.24)-(40.95): Dark grey to brown gouge material with fragments to 7cm. Light green sericite blebs to 3cm. 3-5% fine grained disseminated pyrite and pyrite blebs.							
		(43.70)-(44.08): Feldspar porphyry (A). Medium green, chloritic, fine grained, bleached feldspar porphyry (A)/Porphyritic andesite. Quartz-							

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		carbonate stringers and blebs to 1cm. Some k-spar stain on stringers. Upper contact at 45 deg. cax, lower contact at 45 deg. cax.							
44.74	48.57	**FELDSPAR PORPHYRY(A)** Colour: green grey. Grain Size: Fine to Medium. - Texture: slightly coarser than usually feldspar porphyry (A) Feldspar Phenocrysts: light grey to white, subhedral to euhedral, tabular 2-3mm Fracturing: Weak (1-10)/m. **Composition** Mafics: black euhedral phenocrysts 2-3mm Groundmass: grey, fine to medium grained **Mineralisation** Pyrite: Trace to 1%. fine grained disseminated and along quartz veins. Few stringers to 3mm **Veins and Sub-Intervals** Quartz Veining. Core axis angle 75 degrees. stringers and 5mm vein at 45 deg. cax at 45.18m Calcite Veining. stringers (46.67)-(47.15): Feldspar porphyry dyke (C). Upper contact 60 deg. cax, lower contact 90 deg. cax.	33256	44.74	45.20	0.46	0.001	0.90	0.00
48.57	49.98	**SILICIFIED TUFF/BRECCIA** Colour: dark grey-blue. Grain Size: Coarse. Brecciated Texture. **Composition** Fragments: Angular, monolithic, up to 3cm Matrix: dark grey blue, weakly siliceous, pyritic **Structure** Contact: 80 deg. cax. upper Contact: 80 deg. cax. lower **Alteration** Silicification: Weak. **Mineralisation** Pyrite: 5 to 10%. fine grained disseminated in matrix and as veins and blebs to	33257	48.57	49.98	1.41	0.001	0.50	0.00

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		3mm Bright green mineral: Trace.							
49.98	52.78	**FINE GRAINED WELL BEDDED TUFF** Colour: light grey to dark grey. Grain Size: Fine. Bedded Texture: series of dark grey and light grey well laminated beds 0.5 to 2cm thick. **Composition** Fragments: fine grained, few to 2mm, heterolithic **Structure** Bedding: 80 deg. cax. **Mineralisation** Pyrite: 5 to 15%. pyrite beds to 5mm and fine grained disseminated	33258 33259	49.98 51.28	51.28 52.78	1.30 1.50	0.001 0.001	0.30 0.10	0.00 0.00
52.78	54.25	**HETEROLITHIC LAPILLI TUFF** Colour: dark green. Grain Size: Coarse. **Composition** Fragments: angular, heterolithic, up to 2cm Matrix: dark green, fine grained, few patches calcareous **Structure** Contact: 80 deg. cax. sharp upper Contact: 80 deg. cax. sharp lower **Alteration** Epidote: Weak. **Mineralisation** Pyrite: Trace to 1%. fine grained disseminated **Veins** Calcite Veining. stringers and blebs	33260	52.78	54.25	1.47	0.001	0.30	0.00
54.25	55.45	**HETEROLITHIC TUFF WITH CHEMICAL SEDIMENTS** Colour: light grey to dark grey. Grain Size: Very Fine to Coarse. Varied Texture: coarse grained non bedded tuff with fragments to 5mm and very fine grained bedded chemical sediments, vuggy. **Composition**	33261	54.25	55.45	1.20	0.001	0.20	0.00

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Fragments: few large tuff fragments up to 4cm Matrix: fine laminated beige/light grey to dark grey chemical sediments. Some cherty sections to 1cm. Structure Bedding: 80 deg. cax. very consistent throughout Mineralisation Pyrite: 1 to 5%. fine grained disseminated and smears and stringers to 3mm Veins Quartz-carbonate Veining. stringers							
55.45	66.23	CHEMICAL SEDIMENTS							
		Colour: light grey to dark grey.	33262	55.45	57.21	1.76	0.001	0.30	0.00
		Grain Size: Very Fine.	33263	57.21	58.71	1.50	0.001	0.30	0.00
		Bedded Texture: well bedded fine laminations ranging from light to dark grey	33264	58.71	60.20	1.49	0.001	0.30	0.00
		Composition	33265	60.20	61.92	1.72	0.001	0.20	0.00
		Matrix: Very fine dark grey tuff laminations to 5cm, light grey chert laminations to 2cm, dark grey to black argillite lamination to 3cm.	33266	61.92	63.48	1.56	0.001	0.40	0.00
			33267	63.48	64.73	1.25	0.001	0.50	0.00
		Fragments: few coarse tuff fragments to 3cm	33268	64.73	66.23	1.50	0.001	0.40	0.00
		Structure Bedding: 80 deg. cax. consistent throughout Mineralisation Pyrite: 1 to 5%. fine grained disseminated and bedded to 3mm, few blebs to 1cm Bright green mineral: Trace. Veins and Sub-Intervals Quartz-carbonate Veining. few veins and beds to 1cm Calcite Veining. stringers (60.55)-(60.87): Medium grained nonbedded tuff, fragments to 7mm (61.45)-(61.92): Medium grained nonbedded tuff, fragments to 7mm. Fine grained disseminated pyrite (2 to 5%). (64.73)-(66.23): Abundant quartz-carbonate beds to 5cm wide. Angular tuff fragments to 2cm within the chemical sediment matrix. Abundant bright green mineral.							
66.23	70.63	TUFF BRECCIA							
		Colour: light grey to dark grey.	33269	66.23	67.02	0.79	0.001	0.50	0.00
		Composition	33270	67.02	68.52	1.50	0.001	0.60	0.00
		Fragments: abundant angular monolithic fragments to 1cm	33271	68.52	69.46	0.94	0.001	0.30	0.00

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Matrix: calcareous, pyritic, medium grained with 10cm sections of well bedded chemical sediments at 80 deg. cax	33272	69.46	70.63	1.17	0.001	0.40	0.00
		Structure							
		Gouge: 45 deg. cax. small gouge at 67.14m							
		Mineralisation							
		Pyrite: 3 to 10%. fine grained disseminated and in blebs and stringers in matrix, beds to 5mm							
		Bright green mineral: abundant							
		Veins							
		Calcite Veining. stringers							
70.63	72.83	FELDSPAR PORPHYRY(C-1)							
		Colour: light green.	33273	70.63	72.83	2.20	0.001	0.40	0.00
		Grain Size: Fine to Medium.							
		Feldspar Phenocrysts: white, euhedral, tabular 3-5mm							
		Composition							
		Mafics: few dark green to black, euhedral tabular phenocrysts 1-2mm							
		Groundmass: light grey fine grained							
		Structure							
		Contact: 90 deg. cax. sharp upper							
		Contact: 70 deg. cax. sharp lower							
		Alteration							
		Epidote: Weak.							
		Mineralisation							
		Pyrite: Trace. fine grained disseminated							
		Veins							
		Calcite Veining. stringers							
72.83	76.14	BRECCIATED ANDESITE/TUFF							
		Colour: medium grey to dark grey.	33274	72.83	74.33	1.50	0.001	0.50	0.00
		Brecciated Texture.	33275	74.33	75.34	1.01	0.001	0.50	0.00
		Composition	33276	75.34	76.14	0.80	0.001	0.60	0.00
		Fragments: angular andesite fragments up to 1cm							
		Matrix: light grey fine grained weakly siliceous, pyritic							
		Alteration							
		Silicification: Weak.							
		Mineralisation							

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Pyrite: 2 to 5%. fine grained disseminated and blebs to 5mm							
		Veins							
		Quartz-carbonate Veining. stringers							
		Calcite Veining. abundant stringers and blebs							
76.14	83.57	FINELY PORPHYRITIC ANDESITE/FELDSPAR PORPHYRY(A)							
		Colour: light green to medium green.							
		Grain Size: Fine to Medium.							
		- Texture: pitted surface, possibly alter feldspar porphyry (A) but looks more like andesite flow with small calcite amygdales							
		Feldspar Phenocrysts: white, subhedral, 1-2mm							
		Composition							
		Mafics: medium green chloritic euhedral phenocrysts, 1mm							
		Alteration							
		Chloritic: Weak.							
		Mineralisation							
		Pyrite: 1 to 2%. fine grained disseminated and few stringers							
83.57	87.89	SILICIFIED BRECCIATED ANDESITE							
		Colour: medium grey to dark grey.	33277	83.57	84.57	1.00	0.001	1.70	0.00
		Brecciated Texture.	33278	84.57	85.57	1.00	0.001	1.60	0.00
		Composition	33279	85.57	86.68	1.11	0.001	2.20	0.00
		Fragments: subangular to angular up to 2cm, dark grey andesite, few light grey vuggy andesite fragments to 7 cm	33280	86.68	87.84	1.16	0.001	1.80	0.00
			33281	87.84	89.30	1.46	0.001	0.80	0.00
		Matrix: dark grey, fine grained, siliceous, pyritic							
		Structure							
		Contact: 45 deg. cax. gouge upper							
		Alteration							
		Silicification: Moderate.							
		Mineralisation							
		Pyrite: 2 to 3%. fine grained disseminated and veins and blebs to 3mm							
		Veins and Sub-Intervals							
		Quartz Veining. vuggy veins to 3cm							
		Calcite Veining. stringers							
		(83.94)-(84.30): Vuggy quartz veins to 3 cm at 60 deg. cax							
		(86.87)-(86.90): Vuggy quartz veins to 1 cm							

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
87.89	96.30	**FINELY PORPHYRITIC ANDESITE/FELDSPAR PORPHYRY(A)**							
		Colour: dark green.	33282	89.30	90.80	1.50	0.001	0.50	0.00
		Grain Size: Fine to Medium.	33283	90.80	92.19	1.39	0.001	0.70	0.00
		Varied Texture: slightly vuggy sections with quartz and calcite infilling	33284	92.19	93.64	1.45	0.001	0.50	0.00
		Feldspar Phenocrysts: light grey to white, subhedral to euhedral, tabular 2-3mm	33285	93.64	95.14	1.50	0.001	0.60	0.00
		Composition	33286	95.14	96.30	1.16	0.002	0.30	0.00
		Mafics: black euhedral phenocrysts, tabular 2-3mm							
		Groundmass: light green, fine grained with few small calcite amygdales							
		Mineralisation							
		Pyrite: 2 to 3%. fine grained disseminated and pyrite stringers, also along quartz stringers							
		Veins and Sub-Intervals							
		Calcite Veining. stringers							
		Quartz Veining. stringers							
		(93.87)-(96.30): Broken core, 70% recovery							
96.30	106.07	**ANDESITE/BASALT**							
		Colour: dark grey to black .							
		Composition							
		Fragments: few to 1mm							
		Matrix: dark grey to black fine grained							
		Mineralisation							
		Pyrite: Trace to 1%. fine grained disseminated							
		Veins and Sub-Intervals							
		Quartz-carbonate Veining. stringers and blebs to 5mm							
		Calcite Veining. stringers							
		(99.97)-(106.07): Fault. Broken core, 33 % recovery.							
106.07		END OF HOLE.							

CORONA CORPORATION DDH89-95

09-17-1989 :: 14:47 SUMMARY LOG

From(m)	To(m)	Field Name (Legend)
0.00	14.32	CASING IN OVERBURDEN
14.32	20.50	BROKEN FELDSPAR PORPHYRY(E)/OVERBURDEN
20.50	39.01	FELDSPAR PORPHYRY(C to D to E)
39.01	44.74	SHEAR ZONE
44.74	48.57	FELDSPAR PORPHYRY(A)
48.57	49.98	SILICIFIED TUFF/BRECCIA
49.98	52.78	FINE GRAINED WELL BEDDED TUFF
52.78	54.25	HETEROLITHIC LAPILLI TUFF
54.25	55.45	HETEROLITHIC TUFF WITH CHEMICAL SEDIMENTS
55.45	66.23	CHEMICAL SEDIMENTS
66.23	70.63	TUFF BRECCIA
70.63	72.83	FELDSPAR PORPHYRY(C-1)
72.83	76.14	BRECCIATED ANDESITE/TUFF
76.14	83.57	FINELY PORPHYRITIC ANDESITE/FELDSPAR PORPHYRY(A)
83.57	87.89	SILICIFIED BRECCIATED ANDESITE
87.89	96.30	FINELY PORPHYRITIC ANDESITE/FELDSPAR PORPHYRY(A)
96.30	106.07	ANDESITE/BASALT

106.07 END OF HOLE.

Sample No.	From (m)	To (m)	Width (m)	Comment	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
33251	38.25	39.88	1.63		0.001	0.10	0.00
33252	39.88	40.24	0.36		0.001	0.20	0.00
33253	40.24	40.84	0.60		0.001	0.30	0.00
33254	40.84	42.65	1.81		0.001	0.20	0.00
33255	42.65	44.74	2.09		0.001	0.30	0.00
33256	44.74	45.20	0.46		0.001	0.90	0.00
33257	48.57	49.98	1.41		0.001	0.50	0.00
33258	49.98	51.28	1.30		0.001	0.30	0.00
33259	51.28	52.78	1.50		0.001	0.10	0.00
33260	52.78	54.25	1.47		0.001	0.30	0.00
33261	54.25	55.45	1.20		0.001	0.20	0.00
33262	55.45	57.21	1.76		0.001	0.30	0.00
33263	57.21	58.71	1.50		0.001	0.30	0.00
33264	58.71	60.20	1.49		0.001	0.30	0.00
33265	60.20	61.92	1.72		0.001	0.20	0.00
33266	61.92	63.48	1.56		0.001	0.40	0.00
33267	63.48	64.73	1.25		0.001	0.50	0.00
33268	64.73	66.23	1.50		0.001	0.40	0.00
33269	66.23	67.02	0.79		0.001	0.50	0.00
33270	67.02	68.52	1.50		0.001	0.60	0.00
33271	68.52	69.46	0.94		0.001	0.30	0.00
33272	69.46	70.63	1.17		0.001	0.40	0.00
33273	70.63	72.83	2.20		0.001	0.40	0.00
33274	72.83	74.33	1.50		0.001	0.50	0.00
33275	74.33	75.34	1.01		0.001	0.50	0.00
33276	75.34	76.14	0.80		0.001	0.60	0.00
33277	83.57	84.57	1.00		0.001	1.70	0.00
33278	84.57	85.57	1.00		0.001	1.60	0.00
33279	85.57	86.68	1.11		0.001	2.20	0.00
33280	86.68	87.84	1.16		0.001	1.80	0.00
33281	87.84	89.30	1.46		0.001	0.80	0.00
33282	89.30	90.80	1.50		0.001	0.50	0.00
33283	90.80	92.19	1.39		0.001	0.70	0.00
33284	92.19	93.64	1.45		0.001	0.50	0.00
33285	93.64	95.14	1.50		0.001	0.60	0.00
33286	95.14	96.30	1.16		0.002	0.30	0.00

09-16-1989 :: 15:10

CORONA CORPORATION

DIAMOND DRILL LOG

DDH89-96

PROPERTY	: BRETT	PROJECT #	: 1015		
NTS MAP #	: 82L/4E	TOWNSHIP	: VERNON MINING DIVISION	CLAIM #	: BRETT 1
LINE/STATION:	13+75 N / 0+42.5 W	EASTINGS/NORTHINGS:		ELEVATION	: 1392.47 m
LENGTH	: 189.89 m	INCLINATION	: -65.0 degrees	AZIMUTH	: 64.0 degrees
OVERBURDEN	: 21.34 m	CASING	: 21.34		
LOGGED BY	: R. Klassen	DRILLED BY	: Core Enterprises	ASSAYING BY	: Eco-Tech
DATE LOGGED	: 1989/08/23 to 1989/08/25	DATE DRILLED	: 1989/08/23 to 1989/08/25	CORE LOCATION:	Property

Acid Tests Tests

Depth	Dip
75.59	-65.0
109.12	-65.0
148.74	-65.0

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
0.00	21.34	CASING IN OVERBURDEN							
21.34	27.63	FELDSPAR PORPHYRY DYKE (C) Colour: dark green to dark grey. Grain Size: Coarse. Feldspar Phenocrysts: light green to white, euhedral, tabular, 4-7 mm Magnetic Response: Moderate. Composition Mafics: black euhedral tabular phenocrysts, 2-3 mm Groundmass: fine to medium grained, changes from dark green to dark grey with depth. Mineralisation Pyrite: Trace to 1%. fine grained disseminated Veins Calcite Veining. Core axis angle 20 degrees. stringers								
27.63	34.60	BRECCIATED ANDESITE Colour: grey blue to dark grey. Brecciated Texture. Composition Fragments: subangular to angular andesite up to 3 cm Matrix: grey to dark grey, fine to medium grained, pyritic Structure Contact: 47 deg. cax. lower Alteration Silicification: Weak. patchy Mineralisation Pyrite: 2 to 4%. fine grained disseminated and pyrite stringers to 2 mm in matrix Veins Calcite Veining. few stringers and blebs to 3 mm	33301 33302 33303 33304 33305	27.63 29.13 30.63 32.13 33.41	29.13 30.63 32.13 33.41 34.60	1.50 1.50 1.50 1.28 1.19	0.002 0.001 0.001 0.001 0.001	0.10 0.40 0.40 0.50 0.30	0.00 0.00 0.00 0.00 0.00
34.60	36.59	AMYGDALOIDAL ANDESITE FLOW BRECCIA Colour: dark green to dark grey. Brecciated Texture: flow breccia Composition	33306 33307	34.60 35.60	35.60 36.59	1.00 0.99	0.001 0.002	0.20 0.50	0.00 0.00

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Amygdales: calcite filled, 2-3 mm, abundant **Structure** Contact: 55 deg. cax. sharp upper Contact: 55 deg. cax. sharp lower **Mineralisation** Pyrite: 1 to 2%. fine grained disseminated and few stringers **Veins and Sub-Intervals** Quartz Veining. veins to 5 mm with some k-spar staining. Calcite Veining. stringers (35.19)-(35.97): Coarse Grained Heterolithic Tuff/Breccia. Angular heterolithic fragments to 2 cm in dark grey fine grained matrix. Moderate sericite and clay alteration, 2-3% fine grained disseminated and stringer pyrite. (36.00)-(36.57): Coarse Grained Heterolithic Tuff/Breccia. Same as above but increased clay alteration.								
36.59	37.64	**CHLORITIC ANDESITE** Colour: light green to medium green. - Texture: pitted from alteration, soft **Composition** Phenocrysts: medium green, chloritic, euhedral, 1-2 mm **Alteration** Chloritic: Moderate. Bleached: Moderate.							
37.64	40.53	**BRECCIATED ANDESITE** Colour: grey blue. - Texture: pitted from alteration **Composition** Fragments: subangular to angular, andesite, up to 5 cm Matrix: fine grained strongly clay altered **Alteration** Clay: Moderate. Sericite: Weak. K-spar: Weak. along stringers **Veins** Calcite Veining. stringers	33308	39.53	40.53	1.00	0.001	0.10	0.00

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
40.53	41.35	**SHEAR ZONE**							
		Colour: dark grey-blue.	33309	40.53	41.35	0.82	0.001	0.10	0.00
		- Texture: very fine clay material, soft							
		Alteration							
		Clay: Strong.							
		Mineralisation							
		Pyrite: 2 to 3%. fine grained disseminated							
41.35	43.53	**BRECCIATED ANDESITE FOOTWALL**							
		Colour: light green to dark grey.	33310	41.35	42.57	1.22	0.001	0.10	0.00
		Composition	33311	42.57	43.53	0.96	0.001	0.40	0.00
		Fragments: protolith is brecciated andesite, subround to subangular up to 5 cm							
		Structure							
		Contact: 30 deg. cax. sharp upper							
		Contact: 40 deg. cax. sharp lower							
		Alteration							
		Clay: Strong.							
		Sericite: Strong. light green colouration							
		Mineralisation							
		Pyrite: Trace. fine grained disseminated							
		Sub-Intervals							
		(42.57)-(43.53): Shear. Completely clay material.							
43.53	47.16	**BRECCIATED ANDESITE**							
		Colour: medium grey to dark grey.	33312	43.53	45.03	1.50	0.001	0.80	0.00
		Brecciated Texture: also a few vuggy intervals	33313	45.03	46.10	1.07	0.001	0.70	0.00
		Composition	33314	46.10	47.16	1.06	0.001	1.30	0.00
		Fragments: angular, up to 7 cm							
		Matrix: dark grey, fine grained, pyritic							
		Mineralisation							
		Pyrite: 2 to 3%. fine grained disseminated, few blebs and stringers in matrix							
		Bright green mineral: Trace.							
		Veins							
		Calcite Veining. few stringers and blebs							
47.16	54.69	**FELDSPAR PORPHYRY DYKE (C or E)?**							

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Colour: light green to light grey. Grain Size: Medium to Coarse. Vuggy Texture: weak Feldspar Phenocrysts: white, euhedral, tabular, 3-6 mm Fracturing: Broken ( ) 50)/m. **Composition** Mafics: black euhedral phenocrysts, 1-2 mm **Alteration** Bleached: Moderate. **Mineralisation** Pyrite: Trace to 1%. fine grained disseminated **Veins and Sub-Intervals** Calcite Veining. stringers (52.00)-(52.88): Fault. Rounded fragments with some gouge material.							
54.69	57.00	**FELDSPAR PORPHYRY DYKE (C)** Colour: dark green. Grain Size: Coarse. Feldspar Phenocrysts: white, euhedral, tabular, 3-7 mm Magnetic Response: Moderate. **Composition** Mafics: dark green to black, euhedral, tabular, 1-3 mm Groundmass: dark green, fine grained **Mineralisation** Pyrite: 1%. fine grained disseminated **Veins** Calcite Veining. few stringers							
57.00	61.75	**FELDSPAR PORPHYRY (C)** Colour: medium green to dark green. Grain Size: Medium to Coarse. Feldspar Phenocrysts: light green to white, subhedral to euhedral, 4-7 mm Fracturing: Moderate (11-20)/m. Magnetic Response: Weak. **Composition** Mafics: black euhedral phenocrysts, 1-2 mm Groundmass: medium to dark green, fine grained							

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Alteration Chloritic: Moderate. Bleached: Weak. Mineralisation Pyrite: 1%. fine grained disseminated							
61.75	66.70	FELDSPAR PORPHYRY (C) Colour: light grey. Grain Size: Medium to Coarse. Feldspar Phenocrysts: white, anhedral, 3-5 mm, masked by bleaching Fracturing: Broken ( ) 50)/m. Composition Mafics: black euhedral phenocrysts, less than 1 mm Groundmass: light grey, fine grained Alteration Bleached: Strong. Clay: Weak. Mineralisation Pyrite: 1%. fine grained disseminated							
66.70	73.37	FELDSPAR PORPHYRY DYKE (C) Colour: dark green. Grain Size: Medium to Coarse. Feldspar Phenocrysts: white, euhedral, tabular, 4-6 mm Fracturing: Moderate (11-20)/m. Magnetic Response: Weak. Composition Mafics: black euhedral phenocrysts, 1-2 mm Groundmass: medium to dark green, fine grained Structure Contact: 80 deg. cax. sharp upper Alteration Bleached: Weak. Chloritic: Weak. Veins and Sub-Intervals Calcite Veining. few stringers (71.34)-(72.03): Fault. Broken core with minor gouge material.							

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
73.37	75.41	**HETEROLITHIC TUFF/BRECCIA** Colour: dark green to dark grey. Grain Size: Coarse. Varied Texture: few weakly brecciated sections **Composition** Fragments: heterolithic, angular, 1-2 cm with few to 5 cm Matrix: dark green to dark grey, fine grained **Structure** Bedding: 68 deg. cax. few medium grey, fine grained laminations to 1 cm **Mineralisation** Pyrite: 5 to 7%. fine grained disseminated, bedded to 3 mm, blebs to 5 mm	33315 33316	73.37 74.37	74.37 75.41	1.00 1.04	0.001 0.001	0.50 0.30	0.00 0.00
75.41	76.51	**FELDSPAR PORPHYRY DYKE (C)** Colour: dark green. Grain Size: Coarse. Feldspar Phenocrysts: white, euhedral, tabular, 3-5 mm Magnetic Response: Moderate. **Composition** Mafics: black euhedral tabular phenocrysts, 2-3 mm Groundmass: dark green fine grained **Structure** Contact: 68 deg. cax. sharp upper Contact: 68 deg. cax. sharp lower **Mineralisation** Pyrite: 1%. fine grained disseminated							
76.51	77.42	**HETEROLITHIC TUFF/BRECCIA** Colour: dark green to dark grey. Grain Size: Coarse. Varied Texture: few weakly brecciated sections **Composition** Fragments: heterolithic, angular, 1-2 cm few to 5 cm Matrix: dark green to dark grey, fine grained	33317	76.51	77.42	0.91	0.001	0.40	0.00
77.42	79.58	**FELDSPAR PORPHYRY DYKE (C)** Grain Size: Medium.							

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Varied Texture: appears to be type C but alteration has dulled the features Feldspar Phenocrysts: light grey to white, subhedral to euhedral, 3-7 mm, some k-spar staining **Composition** Mafics: few dark green to black euhedral phenocrysts, 1-2 mm Groundmass: dark green, fine grained **Structure** Contact: 5 deg. cax. sharp upper Contact: gouge at lower **Veins** Calcite Veining. stringers								
79.58	84.54	**HETEROLITHIC LAPILLI TUFF/BRECCIA** Colour: dark green. Grain Size: Coarse. **Composition** Lapilli: heterolithic, subangular to angular, 1-2 cm few to 5 cm Matrix: medium grained, dark green grey, weakly calcareous and pyritic, few green sericite blebs. **Structure** Bedding: 50 deg. cax. weak in some sections **Mineralisation** Pyrite: 3 to 5%. fine grained disseminated, few beds and blebs in matrix **Veins and Sub-Intervals** Calcite Veining. stringers (79.58)-(79.88): Chloritic Light Green Andesite. Hematitic stained calcite stringers.	33318 33319 33320 33321	79.58 81.08 82.58 83.58	81.08 82.58 83.58 84.54	1.50 1.50 1.00 0.96	0.001 0.001 0.001 0.001	0.20 0.10 0.20 0.10	0.00 0.00 0.00 0.00
84.54	87.48	**BEDDED FINE TO MEDIUM GRAINED TUFF** Colour: dark green to dark grey. Grain Size: Fine to Medium. Bedded Texture: weakly bedded coarser grained sections and well bedded fine grained sections **Composition** Fragments: heterolithic Matrix: dark grey blue to dark green, fine grained, coarser calcareous sections **Structure**	33322 33323	84.54 85.96	85.96 87.48	1.42 1.52	0.001 0.001	0.40 0.30	0.00 0.00

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Bedding: 70 deg. cax. consistent throughout, few hematitic stained beds at 50 deg. cax **Mineralisation** Pyrite: 5 to 7%. fine grained disseminated and beds at 70 deg. cax **Veins and Sub-Intervals** Quartz-carbonate Veining. stringers and veins to 2 mm Calcite Veining. stringers (84.54)-(85.96): Coarse Grained Weakly Bedded Tuff (85.96)-(87.48): Well Bedded Tuff/Chemical Sediments. Few 2 cm intervals of light grey cherts and dark grey argillites at 70 deg. cax.								
87.48	93.88	**FELDSPAR PORPHYRY DYKE (C-1)** Colour: light green. Varied Texture: appears to be strongly bleached type C-1 . Possibly a porphyritic andesite. Feldspar Phenocrysts: white, subhedral to euhedral, tabular, 3-5 mm Fracturing: Moderate (11-20)/m. **Composition** Mafics: green chloritic euhedral phenocrysts, 1-2 mm Groundmass: light green, fine grained **Structure** Contact: 60 deg. cax. sharp upper **Alteration** Chloritic: Weak. Bleached: Moderate to Strong. **Mineralisation** Pyrite: Trace to 1%. fine grained disseminated **Sub-Intervals** (87.48)-(93.88): Gradual change from light green to light grey-beige colour with depth.	33324	92.38	93.88	1.50	0.003	0.10	0.00
93.88	96.40	**SHEAR ZONE** Colour: light green. Gouge Texture: mostly gouge material with bleached fragments of feldspar porphyry (C-1) to 5 cm and fragments of andesite to 5 cm. 50 % recovery. Fracturing: Broken ( ) 50)/m.	33325	93.88	96.40	2.52	0.001	0.20	0.00

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Structure Contact: 60 deg. cax. sharp upper Contact: 90 deg. cax. sharp lower Sub-Intervals (95.77)-(96.40): Footwall. Light green strongly bleached feldspar porphyry (C-1), sericite rich, clay altered.							
96.40	100.36	**FELDSPAR PORPHYRY (C-1)/PORPHYRITIC ANDESITE** Colour: medium green to dark green. - Texture: pitted Feldspar Phenocrysts: light grey to white, euhedral, tabular, 1-2 mm Fracturing: Moderate (11-20)/m. Composition Mafics: dark green chloritic euhedral phenocrysts, up to 1 mm Groundmass: dark green, fine grained Alteration Bleached: Moderate. Clay: Weak. Mineralisation Pyrite: Trace. fine grained disseminated Veins Calcite Veining. stringers, few k-spar stained veins to 1 cm	33326	96.40	97.90	1.50	0.001	0.70	0.00
			33327	97.90	99.40	1.50	0.001	0.60	0.00
100.36	103.72	**ANDESITE BRECCIA/TUFF BRECCIA** Colour: dark grey. Brecciated Texture. Composition Fragments: angular andesite, 0.5 to 1 cm few to 3 cm Matrix: dark grey, fine grained, calcareous, pyritic Structure Contact: 40 deg. cax. sharp upper Alteration Silicification: Weak. patchy Mineralisation Pyrite: 3 to 5%. fine grained disseminated, small stringers and blebs in matrix Bright green mineral: Trace. Veins and Sub-Intervals	33328	100.36	101.86	1.50	0.001	0.10	0.00
			33329	101.86	102.86	1.00	0.001	0.10	0.00
			33330	102.86	103.72	0.86	0.001	0.20	0.00

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Quartz-carbonate Veining. stringers and veins to 3 mm, some blebs							
		(103.47)-(103.72): Strong Quartz-carbonate Veining. Swirls and vuggy veins of quartz-carbonate composing most of interval.							
103.72	111.91	**MASSIVE ANDESITE**							
		Colour: light green to medium green.	33331	103.72	105.22	1.50	0.001	0.20	0.00
		Massive Texture.	33332	105.22	106.72	1.50	0.001	0.10	0.00
		Composition	33333	106.72	108.72	2.00	0.001	0.10	0.00
		Phenocrysts: few, chloritic, 1 mm	33334	108.72	110.72	2.00	0.001	0.10	0.00
		Alteration	33335	110.72	111.91	1.19	0.001	0.10	0.00
		Chloritic: Weak.							
		Mineralisation							
		Pyrite: 1 to 2%. fine grained disseminated and as stringers along quartz-carbonate veins							
		Veins							
		Quartz-carbonate Veining. abundant stringers							
		Calcite Veining. abundant stringers							
111.91	112.91	**ANDESITE BRECCIA**							
		Colour: dark grey.	33336	111.91	112.91	1.00	0.001	0.10	0.00
		Composition							
		Fragments: angular, up to 5 cm							
		Matrix: fine grained, pyritic, weakly calcareous							
		Structure							
		Contact: 75 deg. cax. sharp upper							
		Mineralisation							
		Pyrite: 3 to 5%. fine grained disseminated and stringers in matrix							
		Veins							
		Calcite Veining. stringers and blebs							
112.91	114.83	**SHEAR ZONE**							
		Colour: dark grey-blue.	33337	112.91	114.83	1.92	0.001	0.20	0.00
		Gouge Texture: mostly gouge material with few fragments of andesite/brecciated andesite to 7 cm							
		Composition							
		Protolith: andesite							
		Structure							

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Contact: 45 deg. cax. sharp upper							
114.83	115.76	**BRECCIATED ANDESITE**							
		Colour: dark grey.	33338	114.83	115.76	0.93	0.001	0.30	0.00
		Composition							
		Fragments: andesite, angular, up to 10 cm							
		Matrix: dark grey, fine grained, weakly siliceous, pyritic							
		Mineralisation							
		Pyrite: 3 to 4%. fine grained disseminated and stringers around fragments edges							
		Veins							
		Quartz-carbonate Veining. veins and blebs to 1 cm							
		Calcite Veining. stringers							
115.76	117.32	**MASSIVE ANDESITE**							
		Colour: dark green.	33339	115.76	117.32	1.56	0.001	0.10	0.00
		Structure							
		Contact: 25 deg. cax. sharp lower							
		Mineralisation							
		Pyrite: 2 to 5%. fine grained disseminated and stringers along quartz-carbonate veins							
		Veins							
		Quartz-carbonate Veining. veins at variable angles and blebs to 2 cm							
		Quartz-carbonate Veining. Core axis angle 15 degrees. numerous veins with pyrite along edges and hematitic staining							
117.32	121.45	**BEDDED TUFF/BRECCIA**							
		Colour: dark grey.	33340	117.32	118.82	1.50	0.001	1.00	0.00
		Grain Size: Medium to Coarse.	33341	118.82	120.07	1.25	0.001	1.80	0.00
		Bedded Texture: well bedded medium grained sections with nonbedded coarser sections. Few angular fragments/bombs to 3 cm. Vuggy sections.	33342	120.07	121.45	1.38	0.001	1.50	0.00
		Composition							
		Fragments: few fragments/bombs, andesite, angular, up to 3 cm							
		Matrix: dark grey, fine grained, pyritic, weakly calcareous							
		Structure							
		Bedding: 70 to 80 deg. cax. in medium grained sections							
		Alteration							
		Silicification: Weak.							

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Mineralisation							
		Pyrite: 3 to 4%. fine grained disseminated, 1 mm stringers, 1 mm beds in matrix							
		Bright green mineral: Trace.							
		Veins							
		Calcite Veining. stringers and blebs							
121.45	126.36	**ANDESITE BRECCIA**							
		Colour: medium green to dark grey.	33343	121.45	122.95	1.50	0.001	1.60	0.00
		Vuggy Texture.	33344	122.95	124.24	1.29	0.001	1.20	0.00
		Composition	33345	124.24	125.30	1.06	0.001	1.10	0.00
		Fragments: light green to medium green andesite, angular 0.5 to 2 cm with few to 10 cm	33346	125.30	126.36	1.06	0.001	1.20	0.00
		Matrix: fine grained, dark grey pyritic							
		Alteration							
		Silicification: Weak to Trace. patchy							
		Mineralisation							
		Pyrite: 3 to 5%. fine grained disseminated, stringers along quartz-carbonate veins, in vugs							
		Bright green mineral: Trace.							
		Veins							
		Quartz-carbonate Veining. Core axis angle 15 to 25 degrees. abundant stringers and veins to 3 mm, blebs to 2 cm							
		Calcite Veining. stringers							
126.36	129.56	**FELDSPAR PORPHYRY (A)**							
		Colour: dark green.							
		Grain Size: Fine to Medium.							
		Vuggy Texture: pitted							
		Feldspar Phenocrysts: white, subhedral, 2-3 mm							
		Fracturing: Moderate (11-20)/m.							
		Composition							
		Mafics: black euhedral phenocrysts, 1-2 mm							
		Groundmass: fine grained, dark green							
		Structure							
		Contact: 45 deg. cax. lower							
		Alteration							
		Bleached: Weak. few patchs of light green colour							

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Hematitic: Weak. in vugs **Mineralisation** Pyrite: Trace to 1%. fine grained disseminated **Veins** Quartz Veining. few stringers							
129.56	137.04	**FELDSPAR PORPHYRY DYKE (C)** Colour: dark grey. Grain Size: Coarse. Feldspar Phenocrysts: light green to white, euhedral, tabular, 4-7 mm Magnetic Response: Moderate. **Composition** Mafics: black euhedral phenocrysts, 2-3 mm Groundmass: dark grey, fine grained **Mineralisation** Pyrite: 1 to 2%. fine grained disseminated **Veins and Sub-Intervals** Quartz-carbonate Veining. few stringers, some amethyst stringers and blebs to 5 mm (129.85)-(131.72): Moderately broken core.							
137.04	139.90	**FELDSPAR PORPHYRY (C to E)** Colour: light green to medium green. Feldspar Phenocrysts: white, euhedral, tabular, 2-4 mm **Composition** Mafics: dark green euhedral phenocrysts, 1-2 mm Groundmass: bleached light green to medium green, fine grained **Alteration** Bleached: Strong. **Mineralisation** Pyrite: Trace to 1%. fine grained disseminated **Veins and Sub-Intervals** Calcite Veining. stringers (139.29)-(139.90): Moderately broken core.							
139.90	144.62	**FELDSPAR PORPHYRY DYKE (D)** Colour: dark grey to black							

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Grain Size: Fine to Coarse. Feldspar Phenocrysts: light grey, vitreous, tabular, up to 5 mm Magnetic Response: Strong. **Composition** Mafics: dark green to black euhedral phenocrysts, up to 2 mm Groundmass: dark grey to black, fine grained **Sub-Intervals** (141.38)-(142.37): Feldspar porphyry Dyke (C). Broken contacts.							
144.62	154.13	**FELDSPAR PORPHYRY (C to E)** Colour: light green-beige to dark green. Grain Size: Fine to Coarse. Feldspar Phenocrysts: light green to white, euhedral, tabular, 4-7 mm Fracturing: Broken ( ) 50)/m. **Composition** Mafics: black euhedral phenocrysts, up to 1 mm Groundmass: light green to beige to dark green, fine grained **Alteration** Bleached: Strong. Clay: Weak. **Mineralisation** Pyrite: Trace. **Sub-Intervals** (147.06)-(147.76): Shear Zone. Clay gouge material (149.78)-(150.49): Brecciated Zone. Silicified angular fragments to 1 cm, few to 3 cm, angular quartz fragments to 1 cm, dark grey to black fine grained siliceous matrix, lower contact at 45 deg. cax.	33347 33348	146.90 149.60	147.90 150.60	1.00 1.00	0.001 0.008	0.60 0.50	0.00 0.00
154.13	158.72	**FELDSPAR PORPHYRY (E)** Colour: light grey to light green. Feldspar Phenocrysts: white, euhedral, tabular, 3-6 mm **Composition** Mafics: black euhedral phenocrysts, 2-3 mm Groundmass: light green to beige, fine grained, few darker coloured patches **Mineralisation** Pyrite: 1%. fine grained disseminated	33349	157.72	158.72	1.00	0.001	0.20	0.00

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Veins and Sub-Intervals Calcite Veining. stringers (156.35)-(157.39): Dark Green Feldspar porphyry (C to E). More like type C.							
158.72	159.76	HETEROLITHIC TUFF BRECCIA Colour: dark green-grey. Brecciated Texture. Composition Fragments: heterolithic, light green to dark green, angular, 0.5-2 cm with few to 3 cm Matrix: fine grained, dark green to dark grey, chloritic pyritic Structure Contact: 68 deg. cax. sharp upper Contact: 70 deg. cax. sharp lower Mineralisation Pyrite: 2 to 5%. fine grained disseminated, stringers to 3 mm in matrix and around fragment edges. Veins Calcite Veining. stringers Quartz Veining. rounded fragments or blebs to 1 cm	33350	158.72	159.76	1.04	0.009	2.20	0.00
159.76	162.27	BRECCIATED FELDSPAR PORPHYRY (E) Brecciated Texture: Composition Fragments: light green feldspar porphyry (E), up to 20 cm Matrix: dark grey, pyritic Mineralisation Pyrite: 2 to 5%. fine grained disseminated, stringers in matrix Veins and Sub-Intervals Calcite Veining. stringers Quartz Veining. stringers, veins to 3 mm, blebs to 1 cm (160.41)-(160.73): Heterolithic Tuff Breccia. Angular fragments to 2 cm in dark grey fine grained matrix. Sub-rounded quartz fragments to 1 cm. Upper and lower contacts at 42 deg. cax.	33351	159.76	161.00	1.24	0.005	0.60	0.00
			33352	161.00	162.27	1.27	0.002	0.80	0.00
162.27	167.39	FELDSPAR PORPHYRY (E) Colour: light green to light grey.	33353	165.39	166.39	1.00	0.001	0.30	0.00

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Feldspar Phenocrysts: white, euhedral, tabular, 2-5 mm	33354	166.39	167.39	1.00	0.001	0.10	0.00
		Composition							
		Mafics: green to dark green chloritic euhedral phenocrysts, 1-2 mm							
		Groundmass: light green to light grey, fine grained							
		Alteration							
		Chloritic: Weak.							
		Bleached: Moderate.							
		Mineralisation							
		Pyrite: Trace to 1%. fine grained disseminated							
		Sub-Intervals							
		(166.63)-(166.72): Broken core.							
167.39	173.01	SILICIFIED ANDESITE BRECCIA							
		Colour: dark grey.	33355	167.39	168.49	1.10	0.002	0.90	0.00
		Brecciated Texture.	33356	168.49	169.39	0.90	0.001	0.30	0.00
		Composition	33357	169.81	170.71	0.90	0.001	0.70	0.00
		Fragments: angular amygdaloidal andesite fragments from 0.5 to 2 cm, few larger andesite fragments to 5 cm	33358	170.71	172.20	1.49	0.001	0.60	0.00
			33359	172.20	173.01	0.81	0.001	0.30	0.00
		Matrix: dark grey, fine grained, siliceous, pyritic							
		Alteration							
		Silicification: Strong.							
		K-spar: Weak. stain on some quartz-carbonate stringers							
		Mineralisation							
		Pyrite: 5 to 10%. fine grained disseminated in matrix, abundant stringers around fragments							
		Veins and Sub-Intervals							
		Calcite Veining. stringers							
		Quartz-carbonate Veining. stringers and veins to 5 mm, blebs to 2 cm							
		Quartz Veining. blebs to 2 cm							
		(169.81)-(170.71): Fault. Broken core with minor gouge material.							
		(171.55)-(172.20): Shear Zone. Weakly clay altered gouge material. K-spar alteration on quartz-carbonate vein fragments.							
173.01	178.48	SILICIFIED ANDESITE BRECCIA							
		Brecciated Texture: similar to above unit only an increase in percentage of larger fragments	33360	173.01	174.51	1.50	0.001	0.10	0.00
			33361	174.51	176.01	1.50	0.001	0.10	0.00
		Composition	33362	176.01	177.06	1.05	0.001	0.50	0.00

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Fragments: numerous medium green chloritic amygdaloidal andesite fragments up to 7 cm	33363	177.06	178.48	1.42	0.001	0.30	0.00
		Sub-Intervals (176.01)-(177.00): Vuggy.							
178.48	180.15	SILICIFIED ANDESITE BRECCIA							
		Brecciated Texture: same as 167.39 to 173.01 m.	33364	178.48	179.22	0.74	0.001	1.90	0.00
			33365	179.22	180.15	0.93	0.001	2.00	0.00
180.15	181.54	FELDSPAR PORPHYRY DYKE (C)							
		Colour: dark green.	33366	180.15	181.54	1.39	0.001	0.70	0.00
		Feldspar Phenocrysts: white, euhedral, tabular, 4-7 mm							
		Fracturing: Moderate (11-20)/m.							
		Magnetic Response: Weak.							
		Composition							
		Mafics: dark green to black euhedral phenocrysts, 2-3 mm							
		Groundmass: fine grained, dark green							
		Structure							
		Contact: both broken and contain gouge material							
		Alteration							
		Chloritic: Weak.							
		Mineralisation							
		Pyrite: 1 to 2%. fine grained disseminated and few stringers							
		Veins							
		Calcite Veining. stringers							
181.54	187.74	SILICIFIED HYDROTHERMAL BRECCIA							
		Colour: light green to dark grey.	33367	181.54	182.54	1.00	0.001	0.70	0.00
		Brecciated Texture: distinct from other sections by presence of strong reaction rims on fragments.	33368	182.54	183.54	1.00	0.003	1.30	0.00
			33369	183.54	184.60	1.06	0.005	0.90	0.00
		Composition	33370	184.60	185.69	1.09	0.006	1.30	0.00
		Fragments: dark grey angular andesite fragments to 2 cm, abundant chloritic amygdaloidal andesite fragments to 10 cm	33371	185.69	186.74	1.05	0.001	1.20	0.00
			33372	186.74	187.74	1.00	0.001	0.60	0.00
		Matrix: dark grey, fine grained, pyritic, siliceous							
		Quartz: abundant subrounded fragments/blebs to 1 cm							
		Alteration							
		Silicification: Strong.							

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Mineralisation Pyrite: 5 to 10%. fine grained disseminated and as stringers along quartz veins. Bands along reaction rims around fragments. Veins and Sub-Intervals Quartz Veining. veins and blebs (183.54)-(184.60): Distinct banded laminations of pyrite and light grey siliceous material formining reaction rims around fragments. (184.72)-(185.69): Abundant smaller fragments and lack of larger fragments. (185.69)-(187.74): Strong reaction rims.							
187.74	189.89	FELDSPAR PORPHYRY DYKE (C) Colour: dark green. Vuggy Texture: slight Feldspar Phenocrysts: white, euhedral, tabular, 4-7 mm Magnetic Response: Moderate. Composition Mafics: black euhedral phenocrysts, 3-4 mm Groundmass: to Nil. dark green, fine grained Structure Contact: broken upper Mineralisation Pyrite: 1 to 2%. fine grained disseminated Veins and Sub-Intervals Quartz Veining. stringers and amethyst blebs in vugs Calcite Veining. stringers (189.64)-(189.89): Gouge Zone.							
189.89		END OF HOLE.							

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CORONA CORPORATION

DDH89-96

SUMMARY LOG

From(m)	To(m)	Field Name (Legend)
0.00	21.34	CASING IN OVERBURDEN
21.34	27.63	FELDSPAR PORPHYRY DYKE (C)
27.63	34.60	BRECCIATED ANDESITE
34.60	36.59	AMYGDALOIDAL ANDESITE FLOW BRECCIA
36.59	37.64	CHLORITIC ANDESITE
37.64	40.53	BRECCIATED ANDESITE
		strongly clay altered
40.53	41.35	SHEAR ZONE
41.35	43.53	BRECCIATED ANDESITE FOOTWALL
43.53	47.16	BRECCIATED ANDESITE
47.16	54.69	FELDSPAR PORPHYRY DYKE (C or E)?
		bleached type C or type E
54.69	57.00	FELDSPAR PORPHYRY DYKE (C)
57.00	61.75	FELDSPAR PORPHYRY (C)
		altered to dark green colour.
61.75	66.70	FELDSPAR PORPHYRY (C)
		light grey, bleached.
66.70	73.37	FELDSPAR PORPHYRY DYKE (C)
73.37	75.41	HETEROLITHIC TUFF/BRECCIA
75.41	76.51	FELDSPAR PORPHYRY DYKE (C)
76.51	77.42	HETEROLITHIC TUFF/BRECCIA
77.42	79.58	FELDSPAR PORPHYRY DYKE (C)
79.58	84.54	HETEROLITHIC LAPILLI TUFF/BRECCIA
84.54	87.48	BEDDED FINE TO MEDIUM GRAINED TUFF
87.48	93.88	FELDSPAR PORPHYRY DYKE (C-1)
93.88	96.40	SHEAR ZONE
96.40	100.36	FELDSPAR PORPHYRY (C-1)/PORPHYRITIC ANDESITE
100.36	103.72	ANDESITE BRECCIA/TUFF BRECCIA
103.72	111.91	MASSIVE ANDESITE
111.91	112.91	ANDESITE BRECCIA
112.91	114.83	SHEAR ZONE
114.83	115.76	BRECCIATED ANDESITE
115.76	117.32	MASSIVE ANDESITE
		dark green colour
117.32	121.45	BEDDED TUFF/BRECCIA
121.45	126.36	ANDESITE BRECCIA
126.36	129.56	FELDSPAR PORPHYRY (A)
		dark green colour.

From(m)	To(m)	Field Name (Legend)
129.56	137.04	FELDSPAR PORPHYRY DYKE (C)
137.04	139.90	FELDSPAR PORPHYRY (C to E) bleached
139.90	144.62	FELDSPAR PORPHYRY DYKE (D)
144.62	154.13	FELDSPAR PORPHYRY (C to E) bleached
154.13	158.72	FELDSPAR PORPHYRY (E)
158.72	159.76	HETEROLITHIC TUFF BRECCIA
159.76	162.27	BRECCIATED FELDSPAR PORPHYRY (E)
162.27	167.39	FELDSPAR PORPHYRY (E)
167.39	173.01	SILICIFIED ANDESITE BRECCIA
173.01	178.48	SILICIFIED ANDESITE BRECCIA
178.48	180.15	SILICIFIED ANDESITE BRECCIA
180.15	181.54	FELDSPAR PORPHYRY DYKE (C)
181.54	187.74	SILICIFIED HYDROTHERMAL BRECCIA distinct reaction rims
187.74	189.89	FELDSPAR PORPHYRY DYKE (C)

189.89 END OF HOLE.

Sample No.	From (m)	To (m)	Width (m)	Comment	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
33301	27.63	29.13	1.50		0.002	0.10	0.00
33302	29.13	30.63	1.50		0.001	0.40	0.00
33303	30.63	32.13	1.50		0.001	0.40	0.00
33304	32.13	33.41	1.28		0.001	0.50	0.00
33305	33.41	34.60	1.19		0.001	0.30	0.00
33306	34.60	35.60	1.00		0.001	0.20	0.00
33307	35.60	36.59	0.99		0.002	0.50	0.00
33308	39.53	40.53	1.00		0.001	0.10	0.00
33309	40.53	41.35	0.82		0.001	0.10	0.00
33310	41.35	42.57	1.22		0.001	0.10	0.00
33311	42.57	43.53	0.96		0.001	0.40	0.00
33312	43.53	45.03	1.50		0.001	0.80	0.00
33313	45.03	46.10	1.07		0.001	0.70	0.00
33314	46.10	47.16	1.06		0.001	1.30	0.00
33315	73.37	74.37	1.00		0.001	0.50	0.00
33316	74.37	75.41	1.04		0.001	0.30	0.00
33317	76.51	77.42	0.91		0.001	0.40	0.00
33318	79.58	81.08	1.50		0.001	0.20	0.00
33319	81.08	82.58	1.50		0.001	0.10	0.00
33320	82.58	83.58	1.00		0.001	0.20	0.00
33321	83.58	84.54	0.96		0.001	0.10	0.00
33322	84.54	85.96	1.42		0.001	0.40	0.00
33323	85.96	87.48	1.52		0.001	0.30	0.00
33324	92.38	93.88	1.50		0.003	0.10	0.00
33325	93.88	96.40	2.52		0.001	0.20	0.00
33326	96.40	97.90	1.50		0.001	0.70	0.00
33327	97.90	99.40	1.50		0.001	0.60	0.00
33328	100.36	101.86	1.50		0.001	0.10	0.00
33329	101.86	102.86	1.00		0.001	0.10	0.00
33330	102.86	103.72	0.86		0.001	0.20	0.00
33331	103.72	105.22	1.50		0.001	0.20	0.00
33332	105.22	106.72	1.50		0.001	0.10	0.00
33333	106.72	108.72	2.00		0.001	0.10	0.00
33334	108.72	110.72	2.00		0.001	0.10	0.00
33335	110.72	111.91	1.19		0.001	0.10	0.00
33336	111.91	112.91	1.00		0.001	0.10	0.00
33337	112.91	114.83	1.92		0.001	0.20	0.00

Sample No.	From (m)	To (m)	Width (m)	Comment	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
33338	114.83	115.76	0.93		0.001	0.30	0.00
33339	115.76	117.32	1.56		0.001	0.10	0.00
33340	117.32	118.82	1.50		0.001	1.00	0.00
33341	118.82	120.07	1.25		0.001	1.80	0.00
33342	120.07	121.45	1.38		0.001	1.50	0.00
33343	121.45	122.95	1.50		0.001	1.60	0.00
33344	122.95	124.24	1.29		0.001	1.20	0.00
33345	124.24	125.30	1.06		0.001	1.10	0.00
33346	125.30	126.36	1.06		0.001	1.20	0.00
33347	146.90	147.90	1.00		0.001	0.60	0.00
33348	149.60	150.60	1.00		0.008	0.50	0.00
33349	157.72	158.72	1.00		0.001	0.20	0.00
33350	158.72	159.76	1.04		0.009	2.20	0.00
33351	159.76	161.00	1.24		0.005	0.60	0.00
33352	161.00	162.27	1.27		0.002	0.80	0.00
33353	165.39	166.39	1.00		0.001	0.30	0.00
33354	166.39	167.39	1.00		0.001	0.10	0.00
33355	167.39	168.49	1.10		0.002	0.90	0.00
33356	168.49	169.39	0.90		0.001	0.30	0.00
33357	169.81	170.71	0.90		0.001	0.70	0.00
33358	170.71	172.20	1.49		0.001	0.60	0.00
33359	172.20	173.01	0.81		0.001	0.30	0.00
33360	173.01	174.51	1.50		0.001	0.10	0.00
33361	174.51	176.01	1.50		0.001	0.10	0.00
33362	176.01	177.06	1.05		0.001	0.50	0.00
33363	177.06	178.48	1.42		0.001	0.30	0.00
33364	178.48	179.22	0.74		0.001	1.90	0.00
33365	179.22	180.15	0.93		0.001	2.00	0.00
33366	180.15	181.54	1.39		0.001	0.70	0.00
33367	181.54	182.54	1.00		0.001	0.70	0.00
33368	182.54	183.54	1.00		0.003	1.30	0.00
33369	183.54	184.60	1.06		0.005	0.90	0.00
33370	184.60	185.69	1.09		0.006	1.30	0.00
33371	185.69	186.74	1.05		0.001	1.20	0.00
33372	186.74	187.74	1.00		0.001	0.60	0.00

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CORONA CORPORATION

DIAMOND DRILL LOG

DDH89-97

PROPERTY	: BRETT	PROJECT #	: 1015		
NTS MAP #	: 82L/4E	TOWNSHIP	: VERNON MINING DIVISION	CLAIM #	: BRETT 1
LINE/STATION:	13+42N / 0+68W	EASTINGS/NORTHINGS:		ELEVATION	: 1391.00 m
LENGTH	: 199.03 m	INCLINATION	: -80.0 degrees	AZIMUTH	: 64.0 degrees
OVERBURDEN	: 15.85 m	CASING	: 21.34 m		
LOGGED BY	: R. Klassen	DRILLED BY	: Core Enterprises	ASSAYING BY	: Eco-Tech
DATE LOGGED	: 1989/08/26 to 1989/08/29	DATE DRILLED	: 1989/08/25 to 1989/08/29	CORE LOCATION:	Property

Acid Tests

Depth	Dip	Azimuth
72.54	-80.0	0.0
127.41	-82.0	0.0
199.03	-82.0	0.0

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
0.00	15.85	Overburden							
15.85	19.81	FAULT ZONE (BROKEN A-1) Colour: light green-beige. Fracturing: High (21-30)/m. Composition Protolith: porphyritic flows (A-1) Xenolith: large dark grey andesite fragments to 5cm Alteration Silicification: Moderate. patchy Clay: few gouge zones Mineralisation Pyrite: Trace. fine grained disseminated							
19.81	38.82	PORPHYRITIC FLOW/(A-1)? Colour: light green-beige. Flow Texture: appears to be flow, weak foliation (A-1) Feldspar Phenocrysts: grey, subhedral, 3-5mm Composition Mafics: black phenocrysts, euhedral, -2 mm Matrix: siliceous, light grey to beige, flow texture exemplified by dark grey fine grained swirls Xenolith: few dark grey angular fragments to 2 cm Structure Flow: 50 deg. cax. general trend of foliation or flow Mineralisation Pyrite: Trace. fine grained disseminated Sub-Intervals (34.64)-(34.84): Fault. Broken core. (38.38)-(38.76): Fault. Broken core and gouge material. (38.76)-(38.82): Bleached footwall zone.							
38.82	48.67	FELDSPAR PORPHYRY (C) Colour: medium green to dark grey-black. Grain Size: Coarse. Vuggy Texture: slight, section grades from dark black to medium green with							

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		depth Feldspar Phenocrysts: light green to creamy white, euhedral, tabular, up to 5mm Magnetic Response: Moderate to Strong. **Composition** Mafics: black euhedral chloritic phenocrysts, 1-2mm Groundmass: dark green to black, fine grained **Alteration** K-spar: stain on some quartz veins Silicification: Moderate. **Mineralisation** Pyrite: Trace to 1%. fine grained disseminated **Veins and Sub-Intervals** Quartz Veining. few stringers and vuggy veins to 1cm at 20 deg. cax (43.38)-(44.46): Fault. Bleached broken fragments of feldspar porphyry (c). Some gouge material, weak clay alteration.							
48.67	49.37	**BRECCIATED FELDSPAR PORPHYRY (C)** Colour: dark green. Grain Size: Fine to Medium. - Texture: usual feldspar porphyry(c) texture masked by bleaching Feldspar Phenocrysts: light green grey, euhedral, tabular, 3-5mm **Composition** Mafics: dark green chloritic euhedral phenocrysts, 1-2mm Groundmass: dark green fine grained **Structure** Contact: 50 deg. cax. sharp upper **Alteration** Bleached: Moderate. **Mineralisation** Pyrite: Trace to 1%. fine grained disseminated **Veins** Quartz-carbonate Veining. stringers	33374	48.67	49.93	1.26	0.002	0.20	0.00
49.37	49.93	**SHEAR ZONE** Gouge Texture: broken core with abundant clay gouge **Composition** Protolith: feldspar porphyry (c)							

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Structure Contact: 50 deg. cax. sharp upper Contact: 50 deg. cax. sharp lower **Alteration** Bleached: Moderate. Clay: Strong. **Mineralisation** Pyrite: 1 to 2%. fine grained disseminated, few blebs and stringers **Veins** Quartz Veining. veins and stringers							
49.93	51.38	**SILICIFIED BRECCIATED PORPHYRITIC ANDESITE/FELDSPAR PORPHYRY(A)** Colour: dark green to dark grey. Brecciated Texture. **Composition** Fragments: protolith is dark green to dark grey porphyritic andesite/feldspar porphyry, chloritic euhedral phenocrysts 2-3mm, fragments are angular, 2 cm-7 cm. Matrix: dark grey siliceous, pyritic **Alteration** Silicification: Moderate. in matrix **Mineralisation** Pyrite: 3 to 10%. fine grained disseminated and stringers to 4 mm in matrix around fragments **Veins** Calcite Veining. stringers	33375	49.93	51.38	1.45	0.003	0.80	0.00
51.38	54.15	**SHEAR ZONE** - Texture: mostly broken core with 10 cm sections at gouge material Fracturing: Broken ( ) 50)/m. **Composition** Fragments: dark green porphyritic andesite/feldspar porphyry (A) with chloritic euhedral phenocrysts 2-3 mm. Gouge: dark green to grey material, moderate clay alteration **Mineralisation** Pyrite: 1 to 2%. fine grained disseminated **Veins**	33376	51.38	52.88	1.50	0.001	0.20	0.00
			33377	52.88	54.15	1.27	0.001	0.10	0.00

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Quartz Veining. fragments contain veins to 3 mm and stringers							
54.15	55.53	**VUGGY FELDSPAR PORPHYRY(A)** Colour: medium grey. Grain Size: Medium. Vuggy Texture: abundant, many contain quartz crystals Feldspar Phenocrysts: white, euhedral, fine grained siliceous Fracturing: Weak (1-10)/m. **Composition** Mafics: dark green chloritic phenocrysts,euhedral 2-3mm Feldspar: white, euhedral, tabular 3-4mm **Alteration** Silicification: Weak. **Mineralisation** Pyrite: 2 to 3%. fine grained disseminated, abundant crystals in vugs **Veins** Quartz Veining. in vugs and as blebs	33378	54.15	55.53	1.38	0.002	0.20	0.00
55.53	61.61	**SHEAR ZONE** Colour: dark green to dark grey. Fracturing: Broken ( ) 50)/m. **Composition** Protolith: fragments of dark green feldspar porphyry (A) and dark grey brecciated andesite. **Sub-Intervals** (55.53)-(55.78): Gouge material. Strong clay alteration. (55.78)-(57.30): Broken core. Fragments of dark green feldspar porphyry (A). (10% recovery) (57.30)-(57.70): Brecciated andesite. Dark grey angular fragments in siliceous, pyritic matrix. 5-10% fine grained disseminated pyrite and pyrite stringers. (57.70)-(62.61): Broken core and clay gouge. Almost solid dark grey clay. (Poor recovery)							
61.61	62.72	**MEDIUM GRAINED HETEROLITHIC TUFF** Colour: dark green. Grain Size: Medium.	33379	61.61	62.72	1.11	0.001	0.10	0.00

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Bedded Texture: weakly bedded, medium grained heterolithic fragments in calcareous matrix **Composition** Fragments: heterolithic Matrix: fine grained calcareous **Structure** Bedding: 85 deg. cax. weak							
62.72	64.55	**CHEMICAL SEDIMENTS** Colour: light grey to dark . Grain Size: Fine to Medium. Varied Texture: well laminated beds of fine grained light to dark grey cherty beds (up to 5 cm) and beds of medium grained, medium grey tuff up to 5 cm **Composition** Matrix: coarser beds have calcareous matrix Fragments: few angular coarse grained tuff fragments to 2 cm **Structure** Bedding: 65 deg. cax. consistent throughout **Mineralisation** Pyrite: 5 to 10%. fine grained disseminated and as beds to 5 mm **Veins** Calcite Veining. stringers	33380	62.72	64.55	1.83	0.001	0.10	0.00
64.55	67.69	**MEDIUM GRAINED HETEROLITHIC TUFF** Colour: dark green. Grain Size: Fine to Medium. Bedded Texture: weakly bedded medium grain tuff with few well bedded laminated chemical sediment sections to 10 cm **Composition** Fragments: heterolithic, up to 2 cm Matrix: fine grained dark green calcareous **Structure** Bedding: 65 deg. cax. consistent throughout chemical sediments **Mineralisation** Pyrite: 5 to 8%. fine grained disseminated and as beds to 5 mm	33381	64.55	65.55	1.00	0.001	0.20	0.00
			33382	65.55	66.55	1.00	0.001	0.10	0.00
			33383	66.55	67.96	1.41	0.001	0.10	0.00

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
67.69	70.48	**FINE TO COARSE HETEROLITHIC TUFF/CHEMICAL SEDIMENTS** Colour: light grey to dark grey. Bedded Texture: sections of medium to coarse grained non bedded heterolithic tuff with lenses of fine grained bedded tuff and chemical sediments **Composition** Fragments: heterolithic, angular, up to 3 cm Matrix: fine grained, dark green bedded tuff and light grey to black cherty chemical sediments **Structure** Bedding: 65 deg. cax. consistent throughout matrix **Mineralisation** Pyrite: 5 to 10%. fine grained disseminated and as beds to 5 mm **Veins** Quartz-carbonate Veining. stringers and veins to 1 cm, blebs to 1 cm	33384	67.96	69.00	1.04	0.001	0.20	0.00
			33385	69.00	70.48	1.48	0.001	0.10	0.00
70.48	72.98	**BRECCIATED LAPILLI TUFF** Grain Size: Fine to Coarse. **Composition** Fragments: angular, heterolithic, up to lapilli size Matrix: fine to medium grained dark green blue to dark grey, calcareous, pyritic **Structure** Bedding: 65 deg. cax. in fine grained non calcareous sections Contact: 90 deg. cax. sharp upper **Mineralisation** Pyrite: 5 to 10%. fine grained disseminated, stringers blebs and beds to 5 mm in matrix Bright green mineral: Trace. **Veins** Calcite Veining. stringers	33386	70.48	71.86	1.38	0.001	0.10	0.00
			33387	71.86	72.98	1.12	0.001	0.10	0.00
72.98	77.04	**F P DYKE (C-1)** Colour: light green to medium green. Grain Size: Fine to Medium. - Texture: weak flow texture, possibly porphyritic andesite Feldspar Phenocrysts: white, euhedral, tabular, 2-5 mm							

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Composition Mafics: medium green chloritic euhedral phenocrysts, 1-2 mm Groundmass: fine grained medium green **Structure** Contact: 15 deg. cax. sharp upper **Alteration** Bleached: Weak. **Mineralisation** Pyrite: 1 to 3%. fine grained disseminated few stringers **Veins and Sub-Intervals** Quartz Veining. few stringers (73.00)-(73.55): Gouge Zone. Angular fragments to 4 cm with abundant gouge material in matrix. Upper contact at 15 deg. cax. (73.65)-(75.00): Moderately Broken Core.(Fault?)								
77.04	84.16	**SILICIFIED BRECCIATED ANDESITE/TUFF** Colour: light grey to dark grey. Brecciated Texture: andesite breccia or andesite tuff breccia? Few weak reaction rims around larger fragments. **Composition** Fragments: light to dark grey, angular, 0.5 to 2 cm and few to 10 cm Matrix: light to dark grey siliceous, pyritic **Alteration** Silicification: Strong. **Mineralisation** Pyrite: 5 to 10%. fine grained disseminated, blebs and stringers in matrix to 5 mm **Veins and Sub-Intervals** Chalcedony Veining. Core axis angle 10 to 70 degrees. veins to 1 cm, few at variable angles Quartz-carbonate Veining. Core axis angle 10 to 70 degrees. veins to 1 cm Quartz Veining. Core axis angle 10 to 70 degrees. abundant veins from 3 mm to 1 cm (82.00)-(82.35): Dark green chloritic porphyritic andesite fragments/dyke? Pyrite stringers to 2 mm at 70 deg. cax. Quartz-carbonate vein at 10 deg. cax. Abundant quartz-carbonate veins from 82.00 to 83.04 at 10 and 70 deg. cax.	33388	77.04	78.54	1.50	0.001	0.20	0.00
			33389	78.54	80.04	1.50	0.001	0.20	0.00
			33390	80.04	81.54	1.50	0.001	0.20	0.00
			33391	81.54	83.00	1.46	0.001	0.30	0.00
			33392	83.04	84.16	1.12	0.003	0.40	0.00

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		(83.51)-(84.16): Fault. Broken core with minor gouge material.							
84.16	90.83	**BROKEN CHLORITIC ANDESITE/FELDSPAR PORPHYRY(B)?** Colour: medium green-grey to dark green. Grain Size: Fine to Medium. Vuggy Texture: slight, leaves pitted surface. Possibly altered feldspar porphyry (B)? 70% recovery Feldspar Phenocrysts: few, white, subhedral, altered, 1-2 mm Fracturing: Broken ( ) 50)/m. **Composition** Phenocrysts: dark green, chloritic, euhedral Groundmass: medium green to grey, fine grained **Mineralisation** Pyrite: 1 to 2%. fine to medium grained disseminated and few stringers Bright green mineral: Trace. **Sub-Intervals** (85.37)-(86.04): Clay altered zone. Moderately clay altered, light to medium grey colour.								
90.83	95.72	**SILICIFIED BRECCIATED ANDESITE/TUFF** Colour: light grey to dark grey. Brecciated Texture: andesite breccia or andesite tuff breccia, few vuggy sections with quartz crystals infilling **Composition** Fragments: light to dark grey, angular, 0.5 to 2 cm Matrix: light to dark grey, siliceous, pyritic **Alteration** K-spar: Weak. pink stain on some veins Silicification: Strong. **Mineralisation** Pyrite: 5 to 10%. fine grained disseminated, blebs and stringers in matrix to 5 mm **Veins and Sub-Intervals** Quartz-carbonate Veining. veins to 5 mm (90.83)-(93.63): 30% recovery. (93.63)-(93.83): Dark grey angular fragments to 1 cm. Dark grey elongate fragments to 2 cm all aligned at 80 deg. cax. Light grey to	33393 33394 33395	93.63 94.63 95.63	94.63 95.63 96.93	1.00 1.00 1.30	0.001 0.001 0.001	0.70 0.70 1.70	0.00 0.00 0.00

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		pink calcareous matrix. Few light pink quartz-carbonate veins. Upper and lower contact at 15 deg. cax.							
		(93.64)-(93.68): Chalcedony Veining. Core axis angle 80 degrees. light to dark grey, vuggy							
95.72	96.93	**MEDIUM GRAINED BEDDED TUFF**							
		Colour: dark grey.							
		Grain Size: Fine to Medium.							
		Bedded Texture: well bedded with few fine grained laminations to 1 cm							
		Composition							
		Fragments: blue							
		Matrix: dark grey, fine grained, siliceous							
		Structure							
		Bedding: 80 deg. cax. consistent throughout							
		Contact: 80 deg. cax. sharp upper							
		Mineralisation							
		Pyrite: 3 to 7%. fine grained disseminated and few beds to 2 mm at 80 deg. cax							
96.93	99.97	**FAULT ZONE**							
		- Texture: very rounded fragments							
		Fracturing: Broken ( ) 50)/m.							
		Composition							
		Protolith: fine to coarse grained tuff, chloritic fine grained dark green andesite/feldspar porphyry(B)							
		Gouge: moderate gouge material							
		Alteration							
		Clay: Weak.							
		Mineralisation							
		Pyrite: 1 to 2%. fine grained disseminated							
99.97	119.66	**FELDSPAR PORPHYRY DYKE (C)**							
		Grain Size: Coarse.							
		Vuggy Texture: few to 1 cm with quartz infilling							
		Feldspar Phenocrysts: light green to white, euhedral, tabular, 3-7 mm							
		Magnetic Response: Moderate.							
		Composition							
		Mafics: black euhedral phenocrysts 2-4 mm							

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Groundmass: medium green, fine grained **Mineralisation** Pyrite: 1 to 2%. fine grained disseminated **Sub-Intervals** (102.00)-(102.41): Fault. Broken core (112.66)-(117.21): Fault. Broken core (118.58)-(119.66): Fault. Broken core, some dark green gouge material.							
119.66	127.41	**SHEAR ZONE** Fracturing: Broken ( ) 50)/m. **Composition** Heterolithic: **Sub-Intervals** (119.66)-(123.72): Broken core. Protolith is vuggy andesite. Dark grey, fine to medium grain fragments. Rounded to angular. Feldspar phenocrysts are white euhedral 1-3 mm. Vugs, 1-2% fine grained disseminated pyrite. Minor gouge material. (123.72)-(124.64): Gouge. Protolith is dark grey vuggy andesite. (30% recovery) (124.64)-(127.41): Broken core. Protolith is dark green. Porphyritic andesite/ basalt. Vuggy, slightly brecciated, magnetic, 1-2% fine grained disseminated pyrite and few pyrite stringers. (80% recovery)	33396 33397 33398 33399 33400	119.66 121.16 122.66 123.72 124.64	121.16 122.66 123.72 124.64 127.41	1.50 1.50 1.06 0.92 2.77	0.001 0.001 0.001 0.001 0.001	0.60 1.10 0.70 0.50 0.70	0.00 0.00 0.00 0.00 0.00
127.41	132.04	**BRECCIATED MOTTLED DARK GREY ANDESITE** Colour: medium grey to dark grey. Brecciated Texture: sub angular siliceous fragments from 0.5 to 2 cm and abundant larger fragments to 10 cm in siliceous, pyritic dark grey to black matrix. **Composition** Fragments: dark grey, vuggy, contain chloritic euhedral phenocrysts to 2 mm and few white euhedral feldspar phenocrysts to 1 mm. Matrix: dark grey, pyritic, siliceous **Alteration** Epidote: Weak. in vugs Hematitic: Weak. in vugs **Mineralisation** Pyrite: 3 to 7%. fine grained disseminated in matrix and as stringers to 2 mm	33401 33402 33403	127.41 128.91 130.41	128.91 130.41 132.04	1.50 1.50 1.63	0.001 0.001 0.001	1.00 1.20 0.80	0.00 0.00 0.00

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		in matrix.							
		Veins							
		Quartz-carbonate Veining. xls in vugs							
132.04	139.50	**MASSIVE AMYGDALOIDAL ANDESITE**							
		Colour: dark green.	33404	132.04	133.44	1.40	0.001	0.50	0.00
		Massive Texture.	33405	133.44	134.41	0.97	0.001	0.60	0.00
		Fracturing: Weak (1-10)/m.	33406	134.41	134.95	0.54	0.001	0.60	0.00
		Composition	33407	134.95	135.89	0.94	0.001	0.50	0.00
		Amygdaloidal: light green epidote filled, 1-2 mm	33408	135.89	137.39	1.50	0.001	0.60	0.00
		Phenocrysts: black, euhedral, 1-2 mm	33409	137.39	138.50	1.11	0.001	0.50	0.00
		Alteration	33410	138.50	139.50	1.00	0.001	0.70	0.00
		Epidote: Strong. in vugs and along calcite an quartz veins							
		Chloritic: Moderate. on phenocrysts							
		Mineralisation							
		Pyrite: 2 to 3%. fine grained disseminated along quartz veins							
		Veins and Sub-Intervals							
		Quartz Veining. stringers and vuggy veins to 5 mm, blebs to 2 cm							
		Calcite Veining. epidote altered stringers							
		(134.41)-(135.89): Brecciated Zone. Angular lighter green grey andesite fragments to 7 cm with quartz/pyrite stockwork. 4-7% fine grained pyrite stringers. Large vuggy quartz stockwork from 134.72-134.95 m.							
		(139.16)-(139.36): Brecciated Zone. Angular. Light grey andesite fragments to 5 cm in dark grey to black fine grained siliceous matrix with abundant quartz-carbonate stringers.							
139.50	139.90	**BASALT**							
		Colour: dark grey to black .	33411	139.50	139.90	0.40	0.001	0.60	0.00
		Fracturing: Moderate (11-20)/m.							
		Magnetic Response: Strong.							
		Composition							
		Amygdaloidal: epidote filled, up to 1 mm							
		Alteration							
		Hematitic: stain of some stringers							
		Mineralisation							
		Pyrite: 5 to 10%. stringers to 2 mm and abundant blebs to 5 mm							

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Veins Calcite Veining. stringers							
139.90	140.90	**BRECCIATED COARSE GRAINED TUFF** Brecciated Texture. Fracturing: Weak (1-10)/m. Composition Fragments: large angular fragments of dark grey blue coarse tuff, few light green chloritic andesite fragments. Matrix: dark grey, siliceous, pyritic Alteration Silicification: Strong. Mineralisation Pyrite: 5 to 10%. fine to medium grained disseminated and abundant stringers in matrix Bright green mineral: large blebs to 5 mm Veins Quartz Veining. few stringers	33412	139.90	140.90	1.00	0.001	2.20	0.00
140.90	142.24	**SILICEOUS COARSE GRAINED HETEROLITHIC TUFF** Colour: light grey-blue. Grain Size: Medium to Coarse. Vuggy Texture: coarse grained non bedded sections and medium grained weakly bedded sections Composition Fragments: light grey, angular, heterolithic, 2-7mm Matrix: dark grey by, pyritic, siliceous, fine grained Structure Bedding: 60 to 75 deg. cax. weak in medium grained sections Contact: both broken Alteration Silicification: Strong. Mineralisation Pyrite: 5 to 10%. fine grained disseminated and abundant stringers and blebs in matrix Veins Quartz Veining. grey veins to 3 mm	33413	140.90	142.24	1.34	0.002	1.80	0.00

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
142.24	144.70	SILICEOUS HETEROLITHIC TUFF/BRECCIA Colour: dark green. Brecciated Texture. Composition Fragments: heterolithic, majority are andesite, angular, 0.5 to 1 cm, few to 2 cm medium green, chloritic, fine to medium grained, siliceous, pyritic Phenocrysts: dark green, chloritic, euhedral, up to 1 mm Alteration Silicification: Strong, pervasive Mineralisation Pyrite: 3 to 5%, fine to medium grained disseminated, stringers to 2 mm and blebs to 5 mm. Crystals in vugs. Electrum: 1 mm flakes in chalcedony veins at 144.12. Abundant black mineral (argentite?) Veins Chalcedony Veining, light to dark grey veins and stockwork to 1 cm. Some vuggy veins, pyrite stringers along edges.	33414	142.24	143.57	1.33	0.026	2.80	0.00
			33415	143.57	144.77	1.20	0.447	8.70	0.00
144.70	151.79	FELDSPAR PORPHYRY(C to E) Grain Size: Medium to Coarse. - Texture: finer grained than usual type C, possibly type E Feldspar Phenocrysts: light green to white, subhedral, tabular 2-5mm Fracturing: High (21-30)/m. Composition Mafics: dark green to black chloritic euhedral phenocrysts, 1-3 mm Groundmass: fine grained, light to dark green Structure Contact: 30 deg. cax. sharp upper Alteration Bleached: Moderate. Chloritic: Moderate. Clay: Moderate. Mineralisation Pyrite: Trace to 1%, fine grained disseminated Sub-Intervals	33416	144.77	145.77	1.00	0.002	0.60	0.00
			33417	150.79	151.79	1.00	0.001	0.80	0.00

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)

(144.77)-(145.00): Gouge. Brown to green chloritic gouge.
(145.00)-(145.77): Fault. Broken core.
(146.73)-(147.49): Fault. Broken core with abundant dark green clay gouge.
(148.74)-(149.74): Fault. Broken core with abundant dark green clay gouge.
(150.79)-(151.79): Brecciated Zone. Angular fragments of feldspar porphyry (C to E) and andesite flow to 4 cm in dark green pyritic matrix. Moderately silicified. 3-5% fine grained disseminated pyrite and pyrite stringers. Broken core.

151.79 155.28 **PORPHYRITIC AMYGDALOIDAL ANDESITE FLOW**

Colour: light green to dark green.
Flow Texture: slight, possibly altered type A feldspar porphyry
Feldspar Phenocrysts: light green to white, subhedral, 1-2 mm
Fracturing: Weak (1-10)/m.

Composition

Amygdales: abundant, chloritic, stretched at 25 to 30 deg. cax, 2-3 mm, strongly chloritic rims.
Groundmass: light green, fine grained
Vuggy: few vugs, several filled with quartz-carbonate

Alteration

Chloritic: Strong.

Veins

Quartz-carbonate Veining. few 5 mm veins and hematitic veins and blebs (dark red to purple), impurities

155.28 159.24 **FELDSPAR PORPHYRY DYKE (C to E)**

Colour: light grey to light beige.
Grain Size: Fine to Medium.
- Texture: bleached feldspar porphyry (C) or feldspar porphyry (E)
Feldspar Phenocrysts: white, euhedral, tabular, 2-3 mm, same chloritic crystals
Fracturing: Weak (1-10)/m.

Composition

Mafics: dark green chloritic euhedral phenocrysts, 2-3 mm
Groundmass: light grey to light beige, fine grained

Mineralisation

Pyrite: Trace to 1%. fine grained disseminated

Veins

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Calcite Veining. few stringers							
159.24	161.78	**PINELY PORPHYRITIC ANDESITE**							
		Composition	33418	159.24	160.49	1.25	0.001	0.70	0.00
		Phenocrysts: dark green to black, euhedral, chloritic, 2-3 mm	33419	160.49	161.78	1.29	0.001	1.00	0.00
		Amygdales: few calcite filled to 1 mm							
		Alteration							
		Chloritic: Weak.							
		Mineralisation							
		Pyrite: 1 to 3%. fine grained disseminated							
		Veins							
		Quartz-carbonate Veining. stringers and veins to 4 mm, at 15 and 50 deg. cax							
161.78	165.37	**SILICIFIED ANDESITE BRECCIA**							
		Colour: medium grey-green to dark grey.	33420	161.78	163.28	1.50	0.001	0.90	0.00
		Brecciated Texture:	33421	163.38	164.37	0.99	0.001	0.50	0.00
		Composition	33422	164.37	165.37	1.00	0.001	0.60	0.00
		Fragments: angular light green to medium grey andesite, 1-2 cm, few to 5 cm, few beige to pink fragments to 1 cm							
		Matrix: dark grey, siliceous, pyritic							
		Structure							
		Contact: 50 deg. cax. sharp upper							
		Alteration							
		Silicification: Strong.							
		Mineralisation							
		Pyrite: 5 to 10%. fine grained disseminated in matrix and as stringers around fragments							
		Bright green mineral: Trace.							
		Veins							
		Chalcedony Veining. Core axis angle 70 degrees. 1 cm vein at 163.98							
		Quartz Veining. stringers and veins to 3 mm							
165.37	168.85	**FELDSPAR PORPHYRY DYKE (E)**							
		Colour: light beige to light green.	33423	165.37	166.80	1.43	0.001	0.30	0.00
		Brecciated Texture: few sections appear to be slightly brecciated with dark grey to black matrix							
		Feldspar Phenocrysts: white to beige, euhedral, tabular 3-5 mm							

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Composition Mafics: few medium green chloritic euhedral phenocrysts 1-2 mm Structure Contact: 20 deg. cax. broken upper Contact: 20 deg. cax. sharp lower Alteration Bleached: Moderate. Veins and Sub-Intervals Quartz Veining. few stringers (165.37)-(166.80): Brecciated. Few fragments of bleached andesite included with abundant angular feldspar porphyry (E) fragments in dark grey to beige laminated, siliceous matrix. Lower contact at 50 deg. cax. Possibly hanging wall.							
168.85	172.84	FELDSPAR PORPHYRY DYKE (B)? Colour: dark green. Grain Size: Fine to Medium. - Texture: altered, coarser grained type b Feldspar Phenocrysts: white, powdery, euhedral, tabular 2-3 mm, pitted Composition Mafics: dark green to black chloritic euhedral phenocrysts 1-3 mm Groundmass: dark green, fine grained Alteration Chloritic: Weak. Mineralisation Pyrite: 1 to 2%. fine grained disseminated Veins and Sub-Intervals Calcite Veining. few stringers (172.21)-(172.84): Brecciated section. Bleached fragments of feldspar porphyry (B) to 5 cm in dark grey to black fine grained siliceous matrix. Broken upper contact	33424	171.84	172.84	1.00	0.001	0.30	0.00
172.84	174.17	FELDSPAR PORPHYRY DYKE (E) Colour: beige . Feldspar Phenocrysts: beige to white, euhedral, tabular, 3-7 mm Composition Mafics: dark green chloritic phenocrysts up to 1 mm	33425	173.17	174.17	1.00	0.001	0.50	0.00

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Groundmass: fine grained, beige **Structure** Contact: 20 deg. cax. sharp lower **Alteration** Bleached: Moderate. **Mineralisation** Pyrite: Trace. fine grained disseminated **Sub-Intervals** (173.81)-(174.00): Gouge Zone. Light green clay gouge, upper and lower contact at 60 deg. cax. Few quartz fragments. (174.00)-(174.17): Section has flow texture. Trend appears to be 20 deg. cax. Stretched amygdales to 2 cm. Light grey color. Xenolith of dark grey fine grained material 1 cm							
174.17	178.34	**FELDSPAR PORPHYRY (C)** Colour: light green to dark green. Grain Size: Fine to Medium. - Texture: finer grained than most type C Feldspar Phenocrysts: white to powdery white, euhedral, tabular 2-5 mm Magnetic Response: Weak. **Composition** Mafics: black euhedral phenocrysts, 1-4 mm Groundmass: fine grained light green to dark green **Structure** Contact: 90 deg. cax. gouge **Mineralisation** Pyrite: 1 to 2%. fine grained disseminated **Veins** Calcite Veining. few stringers							
178.34	179.00	**FELDSPAR PORPHYRY (C)?** Colour: dark green. Grain Size: Fine. - Texture: masked features from alteration Feldspar Phenocrysts: white to hematitic stained, euhedral, 1-3 mm **Composition** Mafics: dark brown to black hematitic euhedral phenocrysts	33426	178.34	179.22	0.88	0.003	0.90	0.00

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Groundmass: dark green, very fine grained							
		Alteration							
		Hematitic: Moderate. on phenocrysts							
		Chloritic: Moderate.							
		Mineralisation							
		Pyrite: 3 to 5%. fine grained disseminated and stringers							
179.00	179.22	QUARTZ BRECCIA ZONE							
		Colour: dark green.							
		Brecciated Texture.							
		Composition							
		Fragments: heterolithic, angular up to 1 cm							
		Quartz: angular fragments, light grey to white, up to 2 cm							
		Matrix: fine grained, dark green, siliceous, pyritic							
		Structure							
		Contact: 60 deg. cax. sharp upper							
		Contact: 60 deg. cax. sharp lower							
		Alteration							
		Silicification: Strong.							
		Mineralisation							
		Pyrite: 3 to 5%. fine grained disseminated in matrix							
		Veins							
		Chalcedony Veining. medium grey to white, 3 mm							
179.22	184.02	FELDSPAR PORPHYRY (C)?							
		Colour: dark green.	33427	179.22	180.22	1.00	0.001	0.10	0.00
		Grain Size: Fine to Medium.	33428	182.27	183.27	1.00	0.001	0.30	0.00
		- Texture: masked features from alteration.							
		Feldspar Phenocrysts: white to hematitic stained, euhedral 2-5 mm							
		Composition							
		Mafics: dark green, chloritic, euhedral, 2-3 mm							
		Groundmass: dark green fine grained							
		Alteration							
		Hematitic: Moderate.							
		Chloritic: Moderate.							
		Mineralisation							
		Pyrite: 3 to 5%. fine grained disseminated and stringers							

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Sub-Intervals (182.27)-(182.67): Light green clay alteration with some gouge material. Small shears at 20 deg. cax.							
184.02	193.92	**FELDSPAR PORPHYRY (C)** Colour: light green to dark green. Grain Size: Medium to Coarse. Feldspar Phenocrysts: light green to white, euhedral, tabular, 3-7 mm Fracturing: Broken ( ) 50)/m. Magnetic Response: Weak. Composition Mafics: dark green to black chloritic phenocrysts, euhedral, 2-4 mm Groundmass: dark green, fine grained Alteration Hematitic: Moderate. on some feldspar porphyry phenocrysts and along fragments Chloritic: Moderate. on mafics phenocrysts Epidote: Moderate. few stringers Mineralisation Pyrite: 1 to 2%. fine grained disseminated, few stringers Veins and Sub-Intervals Calcite Veining. few stringers (85.32)-(85.85): Extremely broken core. Fault? (191.41)-(192.23): Extremely broken core. Fault?								
193.92	199.03	**FELDSPAR PORPHYRY (E)** Colour: light grey to beige . Grain Size: Fine to Medium. Feldspar Phenocrysts: beige, subhedral to euhedral, 2-4 mm Fracturing: Broken ( ) 50)/m. Composition Mafics: dark green chloritic euhedral phenocrysts, 1-3 mm Groundmass: beige, fine grained Alteration Bleached: Moderate. Chloritic: Weak. Mineralisation Pyrite: 1 to 2%. fine grained disseminated	33429	194.50	195.15	0.65	0.001	0.40	0.00

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Veins and Sub-Intervals Calcite Veining. few stringers (194.50)-(195.15): Flow texture. Trend at 30 deg. cax. Weakly silicified. (198.85)-(199.03): Feldspar porphyry (C) fragments.							
199.03		END OF HOLE.							

CORONA CORPORATION DDH89-97

09-17-1989 :: 16:05 SUMMARY LOG

From(m)	To(m)	Field Name (Legend)
0.00	15.85	Overburden
15.85	19.81	FAULT ZONE (BROKEN A-1)
19.81	38.82	PORPHYRITIC FLOW/(A-1)?
		light green colour
38.82	48.67	FELDSPAR PORPHYRY (C)
		dark grey colour
48.67	49.37	BRECCIATED FELDSPAR PORPHYRY (C)
		dark green colour, hanging wall.
49.37	49.93	SHEAR ZONE
49.93	51.38	SILICIFIED BRECCIATED PORPHYRITIC ANDESITE/FELDSPAR PORPHYRY(A)
51.38	54.15	SHEAR ZONE
54.15	55.53	VUGGY FELDSPAR PORPHYRY(A)
55.53	61.61	SHEAR ZONE
61.61	62.72	MEDIUM GRAINED HETEROLITHIC TUFF
		dark green colour
62.72	64.55	CHEMICAL SEDIMENTS
64.55	67.69	MEDIUM GRAINED HETEROLITHIC TUFF
		dark green colour
67.69	70.48	FINE TO COARSE HETEROLITHIC TUFF/CHEMICAL SEDIMENTS
70.48	72.98	BRECCIATED LAPILLI TUFF
72.98	77.04	F P DYKE (C-1)
77.04	84.16	SILICIFIED BRECCIATED ANDESITE/TUFF
84.16	90.83	BROKEN CHLORITIC ANDESITE/FELDSPAR PORPHYRY(B)?
90.83	95.72	SILICIFIED BRECCIATED ANDESITE/TUFF
95.72	96.93	MEDIUM GRAINED BEDDED TUFF
		dark grey colour
96.93	99.97	FAULT ZONE
99.97	119.66	FELDSPAR PORPHYRY DYKE (C)
119.66	127.41	SHEAR ZONE
127.41	132.04	BRECCIATED MOTTLED DARK GREY ANDESITE
132.04	139.50	MASSIVE AMYGDALOIDAL ANDESITE
		dark green
139.50	139.90	BASALT
		dark grey to black
139.90	140.90	BRECCIATED COARSE GRAINED TUFF
140.90	142.24	SILICEOUS COARSE GRAINED HETEROLITHIC TUFF
142.24	144.70	SILICEOUS HETEROLITHIC TUFF/BRECCIA
		dark green colour, chalcedony veining, electrum

Prom(m)	To(m)	Field Name (Legend)
144.70	151.79	FELDSPAR PORPHYRY(C to E)
		dark green colour, bleached.
151.79	155.28	PORPHYRITIC AMYGDALOIDAL ANDESITE FLOW
155.28	159.24	FELDSPAR PORPHYRY DYKE (C to E)
159.24	161.78	FINELY PORPHYRITIC ANDESITE
		medium green colour
161.78	165.37	SILICIFIED ANDESITE BRECCIA
165.37	168.85	FELDSPAR PORPHYRY DYKE (E)
168.85	172.84	FELDSPAR PORPHYRY DYKE (B)?
172.84	174.17	FELDSPAR PORPHYRY DYKE (E)
174.17	178.34	FELDSPAR PORPHYRY (C)
		dark green colour
178.34	179.00	FELDSPAR PORPHYRY (C)?
		dark green colour, finer grained than normal type C
179.00	179.22	QUARTZ BRECCIA ZONE
179.22	184.02	FELDSPAR PORPHYRY (C)?
		dark green colour, finer grained than normal type C
184.02	193.92	FELDSPAR PORPHYRY (C)
193.92	199.03	FELDSPAR PORPHYRY (E)

199.03 END OF HOLE.

Sample No.	From (m)	To (m)	Width (m)	Comment	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
33374	48.67	49.93	1.26		0.002	0.20	0.00
33375	49.93	51.38	1.45		0.003	0.80	0.00
33376	51.38	52.88	1.50		0.001	0.20	0.00
33377	52.88	54.15	1.27		0.001	0.10	0.00
33378	54.15	55.53	1.38		0.002	0.20	0.00
33379	61.61	62.72	1.11		0.001	0.10	0.00
33380	62.72	64.55	1.83		0.001	0.10	0.00
33381	64.55	65.55	1.00		0.001	0.20	0.00
33382	65.55	66.55	1.00		0.001	0.10	0.00
33383	66.55	67.96	1.41		0.001	0.10	0.00
33384	67.96	69.00	1.04		0.001	0.20	0.00
33385	69.00	70.48	1.48		0.001	0.10	0.00
33386	70.48	71.86	1.38		0.001	0.10	0.00
33387	71.86	72.98	1.12		0.001	0.10	0.00
33388	77.04	78.54	1.50		0.001	0.20	0.00
33389	78.54	80.04	1.50		0.001	0.20	0.00
33390	80.04	81.54	1.50		0.001	0.20	0.00
33391	81.54	83.00	1.46		0.001	0.30	0.00
33392	83.04	84.16	1.12		0.003	0.40	0.00
33393	93.63	94.63	1.00		0.001	0.70	0.00
33394	94.63	95.63	1.00		0.001	0.70	0.00
33395	95.63	96.93	1.30		0.001	1.70	0.00
33396	119.66	121.16	1.50		0.001	0.60	0.00
33397	121.16	122.66	1.50		0.001	1.10	0.00
33398	122.66	123.72	1.06		0.001	0.70	0.00
33399	123.72	124.64	0.92		0.001	0.50	0.00
33400	124.64	127.41	2.77		0.001	0.70	0.00
33401	127.41	128.91	1.50		0.001	1.00	0.00
33402	128.91	130.41	1.50		0.001	1.20	0.00
33403	130.41	132.04	1.63		0.001	0.80	0.00
33404	132.04	133.44	1.40		0.001	0.50	0.00
33405	133.44	134.41	0.97		0.001	0.60	0.00
33406	134.41	134.95	0.54		0.001	0.60	0.00
33407	134.95	135.89	0.94		0.001	0.50	0.00
33408	135.89	137.39	1.50		0.001	0.60	0.00
33409	137.39	138.50	1.11		0.001	0.50	0.00
33410	138.50	139.50	1.00		0.001	0.70	0.00

Sample No.	From (m)	To (m)	Width (m)	Comment	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
33411	139.50	139.90	0.40		0.001	0.60	0.00
33412	139.90	140.90	1.00		0.001	2.20	0.00
33413	140.90	142.24	1.34		0.002	1.80	0.00
33414	142.24	143.57	1.33		0.026	2.80	0.00
33415	143.57	144.77	1.20		0.447	8.70	0.00
33416	144.77	145.77	1.00		0.002	0.60	0.00
33417	150.79	151.79	1.00		0.001	0.80	0.00
33418	159.24	160.49	1.25		0.001	0.70	0.00
33419	160.49	161.78	1.29		0.001	1.00	0.00
33420	161.78	163.28	1.50		0.001	0.90	0.00
33421	163.38	164.37	0.99		0.001	0.50	0.00
33422	164.37	165.37	1.00		0.001	0.60	0.00
33423	165.37	166.80	1.43		0.001	0.30	0.00
33424	171.84	172.84	1.00		0.001	0.30	0.00
33425	173.17	174.17	1.00		0.001	0.50	0.00
33426	178.34	179.22	0.88		0.003	0.90	0.00
33427	179.22	180.22	1.00		0.001	0.10	0.00
33428	182.27	183.27	1.00		0.001	0.30	0.00
33429	194.50	195.15	0.65		0.001	0.40	0.00

09-17-1989 :: 17:49

CORONA CORPORATION

DIAMOND DRILL LOG

ddh89-98

PROPERTY	: BRETT	PROJECT #	: 1015		
NTS MAP #	: 82L/4E	TOWNSHIP	: VERNON MINING DIVISION	CLAIM #	: BRETT 1
LINE/STATION:	13+43N/1+08W /	EASTINGS/NORTHINGS:		ELEVATION	: 1388.00 m
LENGTH	: 153.31 m	INCLINATION	: -80.0 degrees	AZIMUTH	: 64.0 degrees
OVERBURDEN	: 13.11 m	CASING	: 13.11 m		
LOGGED BY	: R. Klassen	DRILLED BY	: Core Enterprises	ASSAYING BY	: Eco-Tech
DATE LOGGED	: 1989/08/30 to 1989/08/30	DATE DRILLED	: 1989/08/29 to 1989/08/29	CORE LOCATION:	Property

Acid Tests

Depth	Dip	Azimuth
48.16	-80.0	0.0
93.88	-80.0	0.0
127.41	-80.0	0.0

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
0.00	13.11	OVERBURDEN							
13.11	23.41	FELDSPAR PORPHYRY (C-1 or E)? Colour: dark grey. Grain Size: Fine to Coarse. - Texture: strongly altered and bleached Feldspar Phenocrysts: white, euhedral, tabular 2-5 mm, some powdery from clay alteration Fracturing: High (21-30)/m. Composition Mafics: black euhedral phenocrysts up to 1 mm Groundmass: dark grey, fine grained Alteration Clay: Weak to Moderate. Bleached: Moderate. Mineralisation Pyrite: 1 to 2%. fine grained disseminated Veins and Sub-Intervals Calcite Veining. Core axis angle 3 degrees. stringers (14.04)-(14.63): Broken core. Small rounded fragments to 2 cm. (15.21)-(16.19): Broken core. (17.17)-(17.98): Broken core. (19.48)-(19.87): Gouge Zone. Coarse clay gouge material. (21.77)-(23.03): Gouge Zone. Broken core with abundant clay gouge material.								
23.41	33.00	FELDSPAR PORPHYRY (E) Colour: light grey to beige . Grain Size: Fine to Coarse. Feldspar Phenocrysts: beige to white, silicification, 3-5 mm Fracturing: Weak (1-10)/m. Composition Mafics: dark green to black, euhedral, 1-2 mm Groundmass: fine grained, light grey to beige Structure Contact: 60 deg. cax. sharp upper Alteration	33431	32.00	33.00	1.00	0.001	0.40	0.00

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Bleached: Moderate. Mineralisation Pyrite: Trace to 1%. fine grained disseminated Sub-Intervals (24.49)-(25.02): Dark Grey Feldspar porphyry (C-1 or E) Dyke. Upper and lower contact at 30 deg. cax. Same as material above 23.41 m. (25.75)-(26.61): Fault. Broken core and gouge material moderate clay alteration. (26.61)-(27.37): Dark Grey Feldspar porphyry (C-1 or E) Dyke. Broken upper and lower contact. (32.60)-(32.67): Brecciated feldspar porphyry (C-1 or E). Dark grey angular fragments. Upper and lower contact sharp at 50 deg. cax.							
33.00	33.87	BRECCIATED FELDSPAR PORPHYRY (C-1 or E)? Colour: dark grey. Brecciated Texture. Composition Fragments: protolith is feldspar porphyry (C-1 or E), light grey to beige to dark grey, angular, 1-5 cm Matrix: dark grey, fine grained, pyritic Structure Contact: 50 deg. cax. sharp upper Alteration Silicification: Moderate. Mineralisation Pyrite: 2 to 5%. fine grained disseminated in matrix Veins Calcite Veining. stringers	33432	33.00	33.87	0.87	0.001	1.40	0.00
33.87	35.87	FELDSPAR PORPHYRY (C-1 or E)? Colour: dark grey. Feldspar Phenocrysts: white, euhedral, tabular, 3-5 mm Fracturing: Broken ( ) 50)/m. Composition Mafics: black euhedral phenocrysts up to 2 mm Groundmass: dark grey, fine grained Veins Calcite Veining. stringers							

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
35.87	45.11	BLEACHED FELDSPAR PORPHYRY D(C or E) Colour: light grey-green to beige . Grain Size: Coarse. Feldspar Phenocrysts: white, subhedral to euhedral, 3-7 mm Fracturing: Moderate (11-20)/m. Composition Mafics: few dark green euhedral phenocrysts, up to 2 mm Groundmass: light grey green to beige Alteration Bleached: Moderate. Mineralisation Pyrite: 1 to 2%. fine grained disseminated Bright green mineral: Trace. Veins and Sub-Intervals Calcite Veining. stringers Quartz Veining. blebs to 1 cm, few opaque grey veins to 3 mm (36.00)-(36.58): Broken core. Minor gouge material. (38.54)-(38.80): Gouge zone. Broken core and gouge material. Weak clay alteration. (38.80)-(39.90): Grey quartz veining to 3 mm. (39.01)-(39.86): Broken core. (39.86)-(40.51): Gouge zone. Broken core and gouge material. Weak clay alteration. (40.51)-(45.11): Broken core. Abundant quartz-carbonate veining from 42.06-45.11 m.	33433 33434 33435	38.54 42.06 43.56	39.54 43.56 45.11	1.00 1.50 1.55	0.001 0.001 0.001	0.50 0.30 0.40	0.00 0.00 0.00
45.11	48.16	FAULT Fracturing: Broken ( ) 50)/m. Composition Protolith: rounded fragments of feldspar porphyry (B) and feldspar porphyry (C) to 2 cm. 10% recovery.							
48.16	49.00	CLAY ALTERED ANDESITE BRECCIA Brecciated Texture: abundant clay and gouge material around large angular fragments Composition	33436	48.16	49.00	0.84	0.001	0.30	0.00

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Fragments: dark grey amygdaloidal andesite, angular, up to 15 cm							
		Matrix: gouge material							
		Alteration							
		Clay: Moderate.							
		K-spar: on stringers							
		Mineralisation							
		Pyrite: 1 to 2%. fine grained disseminated in fragments							
		Bright green mineral: Trace.							
		Veins							
		Calcite Veining. stringers and veins to 5 mm							
49.00	52.93	CLAY ALTERED ANDESITE BRECCIATED							
		Brecciated Texture: abundant gouge material, strong clay alteration, soft	33437	49.00	50.50	1.50	0.001	0.20	0.00
		Composition	33438	50.50	51.50	1.00	0.001	0.10	0.00
		Fragments: heterolithic, many light green andesite, angular, 1 cm to 5 cm	33439	51.50	52.93	1.43	0.001	0.20	0.00
		Matrix: dark grey blue, strong clay alteration, pyritic	33440	53.52	54.45	0.93	0.001	0.10	0.00
		Alteration							
		Clay: Strong.							
		K-spar: Weak. on calcite stringers							
		Mineralisation							
		Pyrite: 3 to 7%. fine grained disseminated and blebs and stringers in matrix							
		Bright green mineral: 1%.							
		Veins and Sub-Intervals							
		Calcite Veining. few stringers							
		(49.00)-(49.49): Gouge zone. Solid clay gouge.							
54.45	55.34	ANDESITE BRECCIATED							
		Colour: light grey-blue.	33441	54.45	55.34	0.89	0.001	0.10	0.00
		Brecciated Texture: solid							
		Composition							
		Fragments: light grey andesite, angular, 1-3 cm							
		Matrix: grey blue, fine grained							
		Structure							
		Contact: 90 deg. cax. sharp lower							
		Alteration							
		Clay: Weak.							
		Mineralisation							

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Pyrite: 2 to 5%. fine grained disseminated and blebs to 1 cm							
55.34	56.72	CLAY ALTERED HETEROLITHIC BRECCIA Brecciated Texture: soft, abundant gouge material Composition Fragments: heterolithic, angular, 1-3 cm Matrix: abundant gouge materieal, strong clay alteration Alteration Clay: Strong. Mineralisation Pyrite: 5 to 10%. fine to medium grained disseminated and stringers to 2 mm blebs to 1 cm Bright green mineral: Trace. Sub-Intervals (56.07)-(56.72): Dark Grey Feldspar porphyry Dyke? Possibly porphyritic andesite. White euhedral feldspar phenocrysts up to 1 mm in dark grey fine grained groundmass. Chloritic euhedral mafics phenocrysts, up to 1 mm. Moderate clay alteration. Upper contact at 45 deg. cax.	33442	55.34	56.72	1.38	0.001	0.20	0.00
56.72	57.56	ANDESITE BRECCIATED Colour: light green to medium green. Brecciated Texture: large angular fragments in gouge matrix Composition Fragments: light green, angular, andesite, up to 15 cm Matrix: gouge material, clay alteration Structure Contact: 55 deg. cax. sharp lower Alteration Clay: Moderate. Mineralisation Pyrite: 5 to 10%. in matrix, abundant stringers to 5 mm	33443	56.72	57.56	0.84	0.001	0.30	0.00
57.56	70.00	CLAY ALTERED HETEROLITHIC BRECCIA Colour: light green to light grey. Brecciated Texture: no gouge material present Composition	33444	57.56	59.06	1.50	0.001	0.30	0.00
			33445	59.06	60.56	1.50	0.002	0.20	0.00
			33446	60.56	62.06	1.50	0.001	0.20	0.00

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Fragments: heterolithic, angular, up to 5 cm, mostly tan to beige andesite	33447	62.06	63.56	1.50	0.001	0.30	0.00
		Matrix: dark grey, fine grained, moderate to strong clay alteration, weak	33448	63.56	65.06	1.50	0.001	0.40	0.00
		reaction rims around some fragments	33449	65.06	66.56	1.50	0.002	0.30	0.00
		Alteration	33450	66.56	68.06	1.50	0.005	0.20	0.00
		Clay: Strong.	33451	68.06	70.00	1.94	0.001	0.40	0.00
		K-spar: Weak. on veins							
		Sericite: Moderate. light green blebs to 1 cm							
		Mineralisation							
		Pyrite: 5 to 10%. fine to medium grained, blebs to 1 cm, stringers to 5 mm							
		Bright green mineral: Trace.							
		Veins and Sub-Intervals							
		Calcite Veining. veins to 1 cm							
		(57.56)-(57.86): Gouge zone . Solid gouge material, upper contact at 80 deg. cax.							
		(66.14)-(66.45): Gouge zone. Solid gouge material, upper contact at 75 deg. cax							
		(67.52)-(67.53): Gouge zone. Appears to be a 0 deg. cax.							
70.00	72.78	CLAY ALTERED HETEROLITHIC BRECCIA							
		Brecciated Texture: abundant gouge material in matrix	33452	70.00	71.23	1.23	0.002	0.30	0.00
		Composition	33453	71.23	72.78	1.55	0.001	1.10	0.00
		Fragments: heterolithic, angular, up to 3 cm							
		Matrix: abundant clay and gouge material, pyritic, dark grey to black							
		Structure							
		Contact: 75 deg. cax. sharp upper							
		Contact: 65 deg. cax. sharp lower							
		Alteration							
		Clay: Strong.							
		K-spar: Weak. on silicification veins							
		Mineralisation							
		Pyrite: 5 to 10%. fine to medium grained, disseminated, blebs to 2 cm, stringers to 3 mm							
		Bright green mineral: Trace.							
		Veins and Sub-Intervals							
		Calcite Veining. stringers and veins to 5 mm							
		(70.89)-(71.23): Light to medium green, medium g, weakly bedded hltf. Bedding at 65 deg. cax. Upper and lower contact at 55 deg. cax.							

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
72.78	75.40	BLEACHED FELDSPAR PORPHYRY (C to E) Colour: light grey to beige . Grain Size: Fine to Coarse. Feldspar Phenocrysts: light grey to powdery white, euhedral, 3-7 mm Composition Mafics: dark green chloritic euhedral phenocrysts, up to 2 mm Groundmass: light grey to beige, fine grained Structure Contact: 55 deg. cax. sharp lower Alteration Bleached: Strong. Chloritic: Weak. Mineralisation Pyrite: 2 to 3%. fine to medium g, disseminated Veins Calcite Veining. stringers	33454	72.78	73.78	1.00	0.001	0.60	0.00
75.40	79.93	FINE TO MEDIUM GRAINED BEDDED TUFF/CHEMICAL SEDIMENTS Colour: light grey to dark green. Grain Size: Fine to Medium. Bedded Texture: well bedded, several sections of very fine grained light grey cherty chemical sediments and dark grey to black argillites Composition Fragments: heterolithic, fine to medium g, few fragments to 3 cm. Matrix: fine to medium g, light grey to dark green to black, pyritic. Coarser grained sections weakly calcareous Structure Bedding: 80 deg. cax. consistent throughout Mineralisation Pyrite: 5 to 10%. fine grained disseminated, beds to 3 mm, stringers. Veins and Sub-Intervals Calcite Veining. stringers (76.27)-(77.00): Dark grey to black argillite	33455	75.40	76.90	1.50	0.001	0.50	0.00
			33456	76.90	78.40	1.50	0.001	0.60	0.00
			33457	78.40	79.93	1.53	0.001	0.40	0.00
79.93	81.69	SHEAR ZONE Colour: light grey. - Texture: mostly clay altered gouge material with few 10 cm sections of bedded	33458	79.93	81.69	1.76	0.001	0.50	0.00

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		tuff							
		Composition							
		Fragments:							
		Structure							
		Contact: 35 deg. cax. sharp upper							
		Contact: 35 deg. cax. sharp lower							
		Contact: 39 deg. cax. slickensides							
		Alteration							
		Clay: Strong.							
		Mineralisation							
		Pyrite: 3 to 5%. fine grained disseminated, up to 10% in tuff beds.							
		Veins							
		(81.09)-(81.13): Quartz-carbonate Veining. 3 cm with blebs							
81.69	85.26	BRECCIATED ANDESITE							
		Colour: light grey to dark grey.	33459	81.69	83.19	1.50	0.001	0.60	0.00
		Brecciated Texture.	33460	83.19	84.19	1.00	0.001	0.70	0.00
		Composition	33461	84.19	85.26	1.07	0.001	0.60	0.00
		Fragments: angular, light grey andesite, up to 7 cm							
		Matrix: medium grey to dark grey pyrite, fine grained							
		Alteration							
		Clay: Weak to Moderate.							
		Mineralisation							
		Pyrite: 3 to 7%. fine grained disseminated, blebs to 1 cm and stringers to 2 mm in matrix							
		Bright green mineral: abundant							
		Veins and Sub-Intervals							
		Calcite Veining. stringers and blebs to 1 cm							
		(84.98)-(85.26): Gouge Zone. Clay altered gouge material.							
85.26	94.98	BROKEN PORPHYRITIC ANDESITE							
		Colour: dark green.	33462	85.26	86.48	1.22	0.001	0.40	0.00
		Vuggy Texture: slightly pitted surface	33463	86.48	87.48	1.00	0.001	0.20	0.00
		Feldspar Phenocrysts: white, subhedral, up to 1 mm, some powdery white and pitted from alteration	33464	87.48	88.98	1.50	0.001	0.10	0.00
			33465	88.98	90.48	1.50	0.001	0.60	0.00
		Fracturing: Broken ( ) 50)/m.	33466	90.48	91.98	1.50	0.001	0.50	0.00
		Composition	33467	91.98	93.80	1.82	0.002	0.30	0.00

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Amygdaloidal: few calcite filled to 2 mm	33468	93.80	94.98	1.18	0.001	0.60	0.00
		Mafics: dark green chloritic euhedral phenocrysts up to 2 mm							
		Alteration							
		Clay: Weak.							
		Mineralisation							
		Pyrite: 2 to 4%. fine to medium g disseminated, few stringers to 4 mm							
		Veins and Sub-Intervals							
		Calcite Veining. few stringers							
		(85.26)-(86.16): Gouge zone. Abundant clay altered gouge material in with the broken core.							
		(93.80)-(94.24): Gouge zone. Light green strongly clay altered gouge material. Slickensides at 45 deg. cax.							
		(94.24)-(94.28): Brecciated zone. Fragments of brecciated andesite.							
94.98	105.24	FELDSPAR PORPHYRY DYKE (C to C-1)							
		Colour: medium green.	33469	96.53	97.53	1.00	0.001	0.20	0.00
		Vuggy Texture: weak							
		Feldspar Phenocrysts: white, euhedral, tabular, 3-7mm							
		Fracturing: Weak (1-10)/m.							
		Composition							
		Mafics: few dark green euhedral phenocrysts, up to 1 mm							
		Groundmass: medium green, fine grained							
		Mineralisation							
		Pyrite: 2 to 5%. fine grained disseminated							
		Sub-Intervals							
		(96.83)-(97.17): Heterolithic breccia. Angular heterolithic fragments to 2 cm in dark green pyritic fine grained matrix. 3-5% fine grained disseminated pyrite and pyrite blebs to 1 cm. Few calcite blebs. Upper contact at 58 deg. cax, lower contact at 60 deg. cax.							
105.24	112.41	ANDESITE BRECCIA							
		Colour: light grey to dark grey.	33470	105.25	106.74	1.50	0.001	1.40	0.00
		Brecciated Texture: large fragments with little matrix material, few dark grey sections with coarser g matrix, slightly vuggy	33471	106.74	108.24	1.50	0.001	0.70	0.00
			33472	108.24	109.74	1.50	0.001	0.70	0.00
		Fracturing: Weak (1-10)/m.	33473	109.74	111.00	1.26	0.001	0.60	0.00
		Composition	33474	111.00	112.41	1.41	0.001	0.50	0.00

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Fragments: angular, light to dark grey, 2-5 cm, porphyritic andesite dark grey, fine to medium g, pyritic Alteration Clay: Weak. Mineralisation Pyrite: 4 to 7%. fine to medium g disseminated, blebs to 1 cm, stringers to 3 mm Sub-Intervals (105.24)-(106.30): Dark grey breccia. Angular light grey andesite fragments in dark grey medium g matrix. Few light grey laminations of chemical sediments at 56 deg. cax (106.91)-(107.17): Light green chloritic andesite. Chloritic euhedral phenocrysts 1-2 mm tabular at 60 deg. cax. Possibly flow texture. Fine to medium g disseminated pyrite (2-3%) (109.79)-(109.99): Light green chloritic andesite. As above. (112.02)-(112.38): Broken core.							
112.41	115.82	BASALT Colour: dark green to black . Fracturing: High (21-30)/m. Magnetic Response: Strong. Composition Amygdales: calcite filled, elongated, up to 1 mm Alteration Epidote: Moderate. on stringers Mineralisation Pyrite: Trace. fine grained disseminated Veins Calcite Veining. stringers							
115.82	118.26	AMYGDALOIDAL ANDESITE Colour: dark green. - Texture: finely porphyritic, possibly altered feldspar porphyry (C) Fracturing: Broken ( ) 50)/m. Composition Amygdales: light green, epidote and calcite filled Mafics: black euhedral phenocrysts 1-2 mm							

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Alteration Epidote: Moderate. Mineralisation Pyrite: 1 to 2%. fine grained disseminated Veins and Sub-Intervals Calcite Veining. few stringers (115.82)-(118.26): 60% recovery . Broken core.							
118.26	128.09	FELDSPAR PORPHYRY DYKE(C to C-1) Colour: dark green. Feldspar Phenocrysts: pink to white, euhedral, tabular, 3-7 mm, some hematitic stained Fracturing: Weak (1-10)/m. Magnetic Response: Weak. Composition Mafics: dark green chloritic euhedral phenocrysts, 1-4 mm Groundmass: dark green fine grained							
118.26	128.09	FELDSPAR PORPHYRY DYKE (C to C-1) Colour: dark green. Feldspar Phenocrysts: pink to white, euhedral, tabular, 3-7 mm, some hematitic stain Fracturing: Weak (1-10)/m. Magnetic Response: Weak. Composition Mafics: dark green chloritic euhedral phenocrysts, 1-4 mm Groundmass: dark green, fine grained Alteration Chloritic: Weak. Hematitic: Weak to Moderate. Mineralisation Pyrite: 1 to 2%. fine grained disseminated							
118.26	146.18	FELDSPAR PORPHYRY DYKE (C to C-1) Colour: dark green to dark grey. - Texture: Abundant clay gouge and gouge material. Fragments of dark green andesite. Possibly slickensides at 45 to 60 deg. ca x in clay seams.							

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		70% recovery.							
		Composition							
		Mafics: dark green chloritic euhedral phenocrysts, 1-4 mm							
		Groundmass: dark green, fine grained							
		Alteration							
		Clay: Strong.							
		Mineralisation							
		Pyrite: Trace. fine grained disseminated							
128.09	130.67	FAULT							
		- Texture: broken subrounded fragments with minor gouge material	33476	146.18	148.18	2.00	0.001	0.60	0.00
		Fracturing: Broken ( ) 50)/m.	33475	148.18	149.95	1.77	0.009	0.20	0.00
		Composition							
		Protolith: dark green feldspar porphyry (C to C-1)							
		Alteration							
		Hematitic: Moderate. on fractures							
		Mineralisation							
		Pyrite: 1 to 2%. fine grained disseminated							
149.95	153.31	CHLORITIC ANDESITE							
		- Texture: broken core with a moderate amou;nt of dark green gouge material. 50% recovery.	33477	149.95	151.79	1.84	0.001	0.50	0.00
		Fracturing: Broken ( ) 50)/m.							
		Composition							
		Phenocrysts: black, euhedral, up to 2 mm							
		Fragments: vuggy							
		Alteration							
		Chloritic: Moderate.							
		Clay: Moderate.							
		Mineralisation							
		Pyrite: 2 to 3%. fine grained disseminated							
		Sub-Intervals							
		(151.79)-(153.31): 10% recovery							
153.31	0.00	HOLE STOPPED, BAD GROUND. HOLE RESTARTED WITH HQ. NEW HOLE'S LOG STARTS AT 118. 26 AND CALLED 89-98A. SEE LOG DDH89-98A							

CORONA CORPORATION

ddh89-98

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SUMMARY LOG

From(m)	To(m)	Field Name (Legend)
0.00	13.11	OVERBURDEN
13.11	23.41	FELDSPAR PORPHYRY (C-1 or E)?
		dark grey colour
23.41	33.00	FELDSPAR PORPHYRY (E)
		light grey to beige colour
33.00	33.87	BRECCIATED FELDSPAR PORPHYRY (C-1 or E)?
		dark grey colour
33.87	35.87	FELDSPAR PORPHYRY (C-1 or E)?
		dark grey colour
35.87	45.11	BLEACHED FELDSPAR PORPHYRY D(C or E)
45.11	48.16	FAULT
48.16	49.00	CLAY ALTERED ANDESITE BRECCIA
		dark grey colour
49.00	52.93	CLAY ALTERED ANDESITE BRECCIATED
		dark grey blue colour
54.45	55.34	ANDESITE BRECCIATED
		light grey blue colour
55.34	56.72	CLAY ALTERED HETEROLITHIC BRECCIA
		dark grey colour
56.72	57.56	ANDESITE BRECCIATED
		light to medium green colour
57.56	70.00	CLAY ALTERED HETEROLITHIC BRECCIA
		light green to light grey colour
70.00	72.78	CLAY ALTERED HETEROLITHIC BRECCIA
		light grey blue colour
72.78	75.40	BLEACHED FELDSPAR PORPHYRY (C to E)
75.40	79.93	FINE TO MEDIUM GRAINED BEDDED TUFF/CHEMICAL SEDIMENTS
79.93	81.69	SHEAR ZONE
81.69	85.26	BRECCIATED ANDESITE
85.26	94.98	BROKEN PORPHYRITIC ANDESITE
		dark green colour
94.98	105.24	FELDSPAR PORPHYRY DYKE (C to C-1)
105.24	112.41	ANDESITE BRECCIA
		grey colour
112.41	115.82	BASALT
		dark green to black
115.82	118.26	AMYGDALOIDAL ANDESITE
		dark green colour

From(m)	To(m)	Field Name (Legend)
118.26	128.09	FELDSPAR PORPHYRY DYKE(C to C-1) dark green colour
118.26	128.09	FELDSPAR PORPHYRY DYKE (C to C-1) dark green colour
118.26	146.18	FELDSPAR PORPHYRY DYKE (C to C-1) dark green colour
128.09	130.67	FAULT
149.95	153.31	CHLORITIC ANDESITE dark green colour
153.31	0.00	HOLE STOPPED, BAD GROUND. HOLE RESTARTED WITH HQ. NEW HOLE'S LOG STARTS AT 118.26 AND CALLED 89-98A. SEE LOG DDH89-98A

0.00 END OF HOLE.

Sample No.	From (m)	To (m)	Width (m)	Comment	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
33431	32.00	33.00	1.00		0.001	0.40	0.00
33432	33.00	33.87	0.87		0.001	1.40	0.00
33433	38.54	39.54	1.00		0.001	0.50	0.00
33434	42.06	43.56	1.50		0.001	0.30	0.00
33435	43.56	45.11	1.55		0.001	0.40	0.00
33436	48.16	49.00	0.84		0.001	0.30	0.00
33437	49.00	50.50	1.50		0.001	0.20	0.00
33438	50.50	51.50	1.00		0.001	0.10	0.00
33439	51.50	52.93	1.43		0.001	0.20	0.00
33440	53.52	54.45	0.93		0.001	0.10	0.00
33441	54.45	55.34	0.89		0.001	0.10	0.00
33442	55.34	56.72	1.38		0.001	0.20	0.00
33443	56.72	57.56	0.84		0.001	0.30	0.00
33444	57.56	59.06	1.50		0.001	0.30	0.00
33445	59.06	60.56	1.50		0.002	0.20	0.00
33446	60.56	62.06	1.50		0.001	0.20	0.00
33447	62.06	63.56	1.50		0.001	0.30	0.00
33448	63.56	65.06	1.50		0.001	0.40	0.00
33449	65.06	66.56	1.50		0.002	0.30	0.00
33450	66.56	68.06	1.50		0.005	0.20	0.00
33451	68.06	70.00	1.94		0.001	0.40	0.00
33452	70.00	71.23	1.23		0.002	0.30	0.00
33453	71.23	72.78	1.55		0.001	1.10	0.00
33454	72.78	73.78	1.00		0.001	0.60	0.00
33455	75.40	76.90	1.50		0.001	0.50	0.00
33456	76.90	78.40	1.50		0.001	0.60	0.00
33457	78.40	79.93	1.53		0.001	0.40	0.00
33458	79.93	81.69	1.76		0.001	0.50	0.00
33459	81.69	83.19	1.50		0.001	0.60	0.00
33460	83.19	84.19	1.00		0.001	0.70	0.00
33461	84.19	85.26	1.07		0.001	0.60	0.00
33462	85.26	86.48	1.22		0.001	0.40	0.00
33463	86.48	87.48	1.00		0.001	0.20	0.00
33464	87.48	88.98	1.50		0.001	0.10	0.00
33465	88.98	90.48	1.50		0.001	0.60	0.00
33466	90.48	91.98	1.50		0.001	0.50	0.00
33467	91.98	93.80	1.82		0.002	0.30	0.00

Sample No.	From (m)	To (m)	Width (m)	Comment	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
33468	93.80	94.98	1.18		0.001	0.60	0.00
33469	96.53	97.53	1.00		0.001	0.20	0.00
33470	105.25	106.74	1.50		0.001	1.40	0.00
33471	106.74	108.24	1.50		0.001	0.70	0.00
33472	108.24	109.74	1.50		0.001	0.70	0.00
33473	109.74	111.00	1.26		0.001	0.60	0.00
33474	111.00	112.41	1.41		0.001	0.50	0.00
33476	146.18	148.18	2.00		0.001	0.60	0.00
33475	148.18	149.95	1.77		0.009	0.20	0.00
33477	149.95	151.79	1.84		0.001	0.50	0.00

09-17-1989 :: 17:43

CORONA CORPORATION

DIAMOND DRILL LOG

DDH89-98A

PROPERTY	: BRETT	PROJECT #	: 1015		
NTS MAP #	: 82L/4E	TOWNSHIP	: VERNON MINING DIVISION	CLAIM #	: BRETT 1
LINE/STATION:	13+43 N / 1+08 E	EASTINGS/NORTHINGS:		ELEVATION	: 1388.00 m
LENGTH	: 197.51 m	INCLINATION	: -80.0 degrees	AZIMUTH	: 64.0 degrees
OVERBURDEN	: NA	CASING	: 13.11 m		
LOGGED BY	: R. Klassen	DRILLED BY	: Core Enterprises	ASSAYING BY	: Eco-Tech
DATE LOGGED	: 1989/08/03 to 1989/08/06	DATE DRILLED	: 1989/08/29 to 1989/08/06	CORE LOCATION:	Property

Acid Tests

Depth	Dip
95.40	-79.0
122.83	-79.0
197.51	-80.0

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
118.26	128.09	**FELDSPAR PORPHYRY DYKE (C to C-1)** Colour: dark green. Feldspar Phenocrysts: pink to white, euhedral, tabular, 3-7 mm, some hematitic stained Fracturing: Weak (1-10)/m. Magnetic Response: Weak. **Composition** Mafics: dark green chloritic euhedral phenocrysts, 1-4 mm Groundmass: dark green fine grained **Alteration** Chloritic: Weak. Hematitic: Weak to Moderate. **Mineralisation** Pyrite: 1 to 2%. fine grained disseminated							
128.09	130.67	**FAULT** - Texture: broken subrounded fragments with minor gouge material Fracturing: Broken (> 50)/m. **Composition** Protolith: dark green feldspar porphyry (C to C-1) **Alteration** Hematitic: Moderate. on fractures **Mineralisation** Pyrite: 1 to 2%. fine grained disseminated							
130.67	133.47	**BASALT** Colour: dark green to black . Massive Texture: few sections are finely porphyritic Magnetic Response: Moderate. **Composition** Amygdales: calcite filled, light grey, 1-2 mm Phenocrysts: black, euhedral, 2-3 mm **Alteration** Epidote: Moderate. on stringers and amygdales Hematitic: Weak. on amygdales **Mineralisation**	33478 33479	130.67 132.17	132.17 133.47	1.50 1.30	0.001 0.001	0.10 0.30	0.00 0.00

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Pyrite: 3 to 5%. fine grained disseminated and stringers to 1 mm							
		Veins							
		Quartz-carbonate Veining. stringers							
		(133.24)-(133.40): Quartz Veining. Avg. width 1.00cm. Core axis angle 45 degrees. light grey to white, few blebs to 1 cm							
133.47	138.43	ANDESITE BRECCIA							
		Colour: light grey to dark grey.	33480	133.47	134.97	1.50	0.001	0.20	0.00
		Brecciated Texture: mottled appearance	33481	134.97	136.47	1.50	0.003	0.40	0.00
		Composition	33482	136.47	137.47	1.00	0.001	0.50	0.00
		Fragments: light grey, angular, up to 1 cm and subangular up to 5 cm	33483	137.47	138.43	0.96	0.001	0.30	0.00
		Matrix: dark grey, fine to medium grained, weakly siliceous, few sections with patchy calcite							
		Alteration							
		K-spar: Weak. stain on some stringers and blebs							
		Mineralisation							
		Pyrite: 3 to 5%. fine grained disseminated in matrix, few blebs to 5 mm, few stringers to 2 mm							
		Veins							
		Quartz-carbonate Veining. veins to 5 mm, blebs to 3 cm							
138.43	140.29	ANDESITE							
		Massive Texture.	33484	138.43	140.29	1.86	0.001	0.50	0.00
		Composition							
		Phenocrysts: dark green, euhedral, chloritic, up to 1 mm							
		Alteration							
		K-spar: Weak. on few stringers							
		Mineralisation							
		Pyrite: Trace. fine grained disseminated							
		Veins							
		Quartz-carbonate Veining. veins to 1 cm, abundant patches to 5 mm throughout							
140.29	142.18	FAULT							
		- Texture: small rounded fragments	33485	140.29	142.18	1.89	0.001	0.60	0.00
		Composition							
		Protolith: dark green vuggy andesite							
		Alteration							

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Hematitic: Weak.							
		Mineralisation							
		Pyrite: Trace. fine grained disseminated							
142.18	144.17	**ANDESITE**							
		Colour: dark green.	33486	142.18	144.17	1.99	0.001	0.50	0.00
		Vuggy Texture: slight, some vugs contain quartz crystals							
		Magnetic Response: Weak.							
		Composition							
		Phenocrysts: black, euhedral, 1-2 mm							
		Alteration							
		Hematitic: Moderate. dark red patches throughout							
		Epidote: Weak. on stringers							
		Chloritic: Moderate. on fragments							
		Mineralisation							
		Pyrite: 1 to 2%. fine to medium grained disseminated							
		Veins and Sub-Intervals							
		Calcite Veining. few stringers							
		(142.38)-(142.78): Fault. Broken core, subangular fragments.							
		(143.68)-(143.96): Fault. Broken core, rounded fragments.							
144.17	145.54	**SHEAR ZONE**							
		Colour: light grey-blue.	33487	144.17	145.54	1.37	0.003	0.40	0.00
		Gouge Texture: almost all clay material							
		Alteration							
		Clay: Very Strong.							
145.54	154.83	**ANDESITE/BASALT**							
		Colour: dark green to black .	33488	145.54	147.04	1.50	0.001	0.10	0.00
		Grain Size: Fine to Medium.	33489	147.04	148.54	1.50	0.001	0.30	0.00
		Magnetic Response: Weak to Moderate.	33490	148.54	150.04	1.50	0.002	0.60	0.00
		Composition	33491	150.04	151.54	1.50	0.022	0.80	0.00
		Phenocrysts: black, euhedral, 1-3 mm.	33492	151.54	153.04	1.50	0.003	0.40	0.00
		Alteration	33493	153.04	154.83	1.79	0.001	0.20	0.00
		Epidote: Weak. on calcite stringers							
		Hematitic: Weak. stain on stringers							
		Mineralisation							

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Pyrite: 2 to 5%. fine grained disseminated and stringers to 1 mm							
		Veins and Sub-Intervals							
		Calcite Veining. stringers							
		Quartz-carbonate Veining. blebs to 2 cm							
		Quartz Veining. few veins to 5 mm							
		(146.78)-(151.16): Vuggy, some quartz crystals in vugs and quartz amygdales to 1 cm. Slighly coarser grained.							
		(152.96)-(153.04): Fault. Broken core, rounded fragments.							
154.83	156.98	**TUFF/BRECCIA**							
		Colour: dark grey.	33494	154.83	155.83	1.00	0.006	0.60	0.00
		Grain Size: Fine to Coarse.	33495	155.83	156.98	1.15	0.001	1.00	0.00
		Varied Texture: coarser grained nonbedded and finer grained bedded sections							
		Composition							
		Fragments: heterolithic,angular, up to 1 cm							
		Matrix: dark grey, calcareous, fine grained, pyritic							
		Structure							
		Bedding: 80 deg. cax. in finer grained sections							
		Alteration							
		Silicification: Moderate.							
		Mineralisation							
		Pyrite: 3 to 7%. fine grained disseminated in matrix and as beds to 2 mm at 80 deg. cax, few stringers							
		Bright green mineral: Trace.							
		Veins and Sub-Intervals							
		Calcite Veining. stringers							
		Quartz Veining. stringers, veins and few blebs							
		(154.83)-(155.22): Feldspar porphyry Dyke (C to C-1). Grey to white euhedral feldspar phenocrysts 2-5 mm in dark green groundmass. Some hematitic staining, fine to medium grained disseminated pyrite (1-2 %). Lower contact at 35 deg. cax.							
		(155.78)-(155.85): Feldspar porphyry Dyke (C to C-1). cLower contact at 55 deg. cax.							
156.98	158.61	**FELDSPAR PORPHYRY DYKE (C-1)**							
		Colour: dark green.	33496	156.98	158.61	1.63	0.001	0.30	0.00
		Grain Size: Fine to Coarse.							

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Feldspar Phenocrysts: beige, subhedral to euhedral, 3-7 mm, some hematitic stained							
		Composition							
		Mafics: black euhedral phenocrysts, 1-3 mm							
		Amygdales: quartz filled, up to 1 cm							
		Structure							
		Contact: 63 deg. cax. sharp upper							
		Contact: 70 deg. cax. sharp lower							
		Alteration							
		Hematitic: Weak.							
		Chloritic: Weak to Moderate.							
		Mineralisation							
		Pyrite: 1 to 2%. fine to medium grained disseminated							
158.61	161.05	**ANDESITE BRECCIA**							
		Colour: light green to dark green.	33497	158.61	159.90	1.29	0.001	0.90	0.00
		Brecciated Texture.	33498	159.90	161.05	1.15	0.001	0.50	0.00
		Composition							
		Fragments: heterolithic, predominantly light green grey andesite, angular, up to 3 cm							
		Matrix: fine to coarse grained,light to dark green, calcareous, pyritic, chloritic, slightly vuggy							
		Alteration							
		Silicification: Moderate.							
		Chloritic: Moderate. blebs to 5 mm							
		Mineralisation							
		Pyrite: 5 to 10%. fine grained disseminated, blebs to 1 cm, stringers to 3 mm							
		Bright green mineral: Trace.							
		Veins and Sub-Intervals							
		Quartz Veining. few angular fragments to 1 cm							
		Calcite Veining. stringers							
		(160.53)-(160.93): Feldspar porphyry Dyke (C to C-1). Beige to white euhedral feldspar phenocrysts to 7 mm in dark green fine grained groundmass. Both contacts marked by gouge material.							
161.05	173.92	**FELDSPAR PORPHYRY DYKE (C)**							
		Colour: light green to dark green.							

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Grain Size: Coarse.							
		Feldspar Phenocrysts: white, euhedral, tabular, 3-7 mm							
		Magnetic Response: Weak to Moderate.							
		Composition							
		Mf: black euhedral phenocrysts, 1-4 mm							
		Groundmass: dark green, fine grained							
		Structure							
		Contact: both upper and lower bleached							
		Mineralisation							
		Pyrite: 1 to 2%. fine grained disseminated							
		Veins and Sub-Intervals							
		Quartz Veining. blebs to 1 cm							
		(161.05)-(164.00): Feldspar porphyry Dyke (C-1). Possibly altered type C. Lower contact at 50 deg. cax.							
		(167.70)-(167.86): Gouge Zone. Clay altered gouge material.							
		(171.12)-(171.22): Feldspar porphyry Dyke (D). Dark grey, strongly magnetic.							
		(172.48)-(173.92): Feldspar porphyry Dyke (C-1). Possibly altered type C							
173.92	176.10	**ANDESITE BRECCIA**							
		Colour: dark grey to black .	33499	173.92	175.00	1.08	0.001	1.20	0.00
		Brecciated Texture: vuggy	33500	175.00	176.28	1.28	0.001	0.70	0.00
		Fracturing: Moderate (11-20)/m.							
		Composition							
		Fragments: medium to dark grey andesite, angular, up to 2 cm							
		Matrix: dark grey, siliceous, pyritic							
		Alteration							
		Silicification: Moderate.							
		Mineralisation							
		Pyrite: 5 to 10%. fine grained disseminated and as stringers in matrix to 3 mm							
		Veins							
		Calcite Veining. blebs up to 5 mm							
		Quartz Veining. few angular fragments to 1 cm							
176.10	187.71	**FELDSPAR PORPHYRY DYKE (E)**							
		Colour: light green to beige .	33501	176.28	177.28	01.00	0.001	0.50	0.00
		Grain Size: Fine to Coarse.							
		Feldspar Phenocrysts: white, subhedral to euhedral, 2-6 mm							

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
		Fracturing: Weak (1-10)/m. **Composition** Mafics: black chloritic euhedral phenocrysts, 1-2 mm Groundmass: light green to beige, fine grained **Mineralisation** Pyrite: Trace. **Sub-Intervals** (176.53)-(177.08): Heterolithic Breccia. Angular fragments to 1 cm, vuggy, dark grey siliceous matrix, chloritic, few angular quartz fragments, upper contact at 65 deg. cax.							
187.71	191.04	**FELDSPAR PORPHYRY DYKE (C)** Colour: dark green to light grey. Grain Size: Medium to Coarse. Feldspar Phenocrysts: white, euhedral, tabular, 3-7 mm Fracturing: Weak (1-10)/m. Magnetic Response: Weak. **Composition** Mafics: dark green to black chloritic euhedral phenocrysts, 2-4 mm Groundmass: dark green to light grey, fine grained **Structure** Contact: 75 deg. cax. lower, small gouge **Alteration** Chloritic: Weak. **Mineralisation** Pyrite: 1 to 2%. fine grained disseminated							
191.04	195.24	**ANDESITE BRECCIA** Colour: dark green to dark grey. Brecciated Texture. Fracturing: Moderate (11-20)/m. **Composition** Fragments: medium to dark green, subangular to angular, up to 3 cm Matrix: dark grey to green, fine grained **Mineralisation** Pyrite: 1 to 2%. fine to medium grained disseminated Bright green mineral: Trace.	33502 33503	191.04 192.54	192.54 195.24	1.50 2.70	0.001 0.001	1.00 0.70	0.00 0.00

From(m)	To(m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (oz/ton)	As (ppm)	Ag (oz/ton)
		Sub-Intervals							
		(191.41)-(194.41): Broken core. 60 % recovery.							
195.24	197.51	**FELDSPAR PORPHYRY DYKE (C)**							
		Colour: medium grey to dark green.							
		Feldspar Phenocrysts: white, euhedral, 3-5 mm							
		Fracturing: Moderate (11-20)/m.							
		Magnetic Response: Weak.							
		Composition							
		Mafics: dark green to black euhedral phenocrysts, 1-3 mm							
		Groundmass: fine grained							
		Alteration							
		Chloritic: Weak.							
		Mineralisation							
		Pyrite: 1 to 2%. fine grained disseminated							
		Sub-Intervals							
		(195.24)-(195.50): Broken core.							
197.51		**END OF HOLE.**							

From(m)	To(m)	Field Name (Legend)
118.26	128.09	FELDSPAR PORPHYRY DYKE (C to C-1)
		dark green
128.09	130.67	FAULT
		broken core
130.67	133.47	BASALT
		dark green to black colour
133.47	136.43	ANDESITE BRECCIA
		light to dark grey colour, mottled appearance
136.43	140.29	ANDESITE
		medium green
140.29	142.18	FAULT
		broken core
142.18	144.17	ANDESITE
		dark green colour, hematitic stained
144.17	145.54	SHEAR ZONE
		almost alteration clay gouge material
145.54	154.83	ANDESITE/BASALT
		dark green to black colour
154.83	156.98	TUFF/BRECCIA
		dark grey, fine to coarse grained, moderate silicification.
156.98	158.61	FELDSPAR PORPHYRY DYKE (C-1)
		quartz filled amygdales up to 1 cm
158.61	161.05	ANDESITE BRECCIA
		light to dark green, calcareous, weak silicification, few quartz fragments..
161.05	173.92	FELDSPAR PORPHYRY DYKE (C)
173.92	176.10	ANDESITE BRECCIA
		dark grey, moderate silicification, vuggy.
176.10	187.71	FELDSPAR PORPHYRY DYKE (E)
		Heterolithic breccia from 176.53 to 177.08 m
187.71	191.04	FELDSPAR PORPHYRY DYKE (C)
191.04	195.24	ANDESITE BRECCIA
		dark green to dark grey, moderate fracturing.
195.24	197.51	FELDSPAR PORPHYRY DYKE (C)

197.51 END OF HOLE.

Sample No.	From (m)	To (m)	Width (m)	Comment	Au (oz/ton)	Ag (ppm)	Ag (oz/ton)
33478	130.67	132.17	1.50	HQ	0.001	0.10	0.00
33479	132.17	133.47	1.30	HQ	0.001	0.30	0.00
33480	133.47	134.97	1.50	HQ	0.001	0.20	0.00
33481	134.97	136.47	1.50	HQ	0.003	0.40	0.00
33482	136.47	137.47	1.00	HQ	0.001	0.50	0.00
33483	137.47	138.43	0.96	HQ	0.001	0.30	0.00
33484	138.43	140.29	1.86	HQ	0.001	0.50	0.00
33485	140.29	142.18	1.89	HQ	0.001	0.60	0.00
33486	142.18	144.17	1.99	HQ	0.001	0.50	0.00
33487	144.17	145.54	1.37		0.003	0.40	0.00
33488	145.54	147.04	1.50		0.001	0.10	0.00
33489	147.04	148.54	1.50		0.001	0.30	0.00
33490	148.54	150.04	1.50		0.002	0.60	0.00
33491	150.04	151.54	1.50		0.022	0.80	0.00
33492	151.54	153.04	1.50		0.003	0.40	0.00
33493	153.04	154.83	1.79		0.001	0.20	0.00
33494	154.83	155.83	1.00		0.006	0.60	0.00
33495	155.83	156.98	1.15		0.001	1.00	0.00
33496	156.98	158.61	1.63		0.001	0.30	0.00
33497	158.61	159.90	1.29		0.001	0.90	0.00
33498	159.90	161.05	1.15		0.001	0.50	0.00
33499	173.92	175.00	1.08		0.001	1.20	0.00
33500	175.00	176.28	1.28		0.001	0.70	0.00
33501	176.28	177.28	01.00		0.001	0.50	0.00
33502	191.04	192.54	1.50		0.001	1.00	0.00
33503	192.54	195.24	2.70		0.001	0.70	0.00