

Title: Diamond Drilling Assessment Report

Property: Bluebell

Claims: Daisy Fr., BC, Ontario, Elmer No. 2, Jumbo Fr.,
Rathmullen 1-2-4-5, Wake Fr., Climax Fr., Wilgress
1-2 Fr., Rathmullen Fr., Elmer No.2 Fr., Mab 4,
Breyfogle Fr., April Fr., Joiner Fr., Chemical Fr.,
Remington Fr., Denoro Fr., Jeep
1-8-9-10-11-12-13-15-16-18 Fr., Mab Fr., Mab 2-3.

Mining Division: Greenwood

NTS: 82 E/2E

Latitude and
Longitude: 49°08' N.Lat. 118°32' W.Long.

Owner of Claims: Kettle River Resources Ltd.

Operator: Canamax Resources Inc.

Author: Tony Hitchins

Date: March 20, 1991

21329

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SUMMARY

Two diamond drill holes, totalling 318.8 m, were drilled on the Bluebell property, located 11 km east of the town of Greenwood, southern British Columbia, in late January 1991.

Holes BB-91-2 and 91-3 were designed to test the source of a magnetic anomaly and the strike extension of a favourable marble-limestone unit, respectively.

Hole BB-91-2 intersected 165.5 m of feldspar phyric syenite with magnetic susceptibility generally in the range 1,000-2,000 x 10⁻⁵ cgs.

Hole BB-91-3 intersected less than a metre of marble within a thick interval of hornfelsed chert pebble conglomerate.

Assay intervals contained a maximum of 5 ppb gold.

RECOMMENDATIONS

The Bluebell property is underlain by stratigraphy and alteration that are permissive for Cu-Au skarn mineralization. Additional drilling is necessary to test the favourable stratigraphy for buried skarn deposits.

INTRODUCTION

Location and Access

The Bluebell property is located in southern British Columbia, midway between the towns of Greenwood and Grand Forks and 10 km north of the Washington border. Highway #3 passes roughly north-south through the western portion of the property.

Most portions of the property are accessible from old logging roads and abandoned railway grades.

The topography of the property is moderately rolling with relief in the order of 270 m and a maximum elevation of 1250 m. Except in recently logged clear cuts, the property is covered by a dense mixed fir-larch-cedar-pine coniferous forest which thins out considerably on dry, rocky, south-facing slopes.

Wilgress Lake is a perennial source of drill water.

Claims

The property consists of 20 crown granted claims and 35 located claims owned by Kettle River Resources Ltd. (Table 1). Canamax Resources Inc. is operator under an option agreement.

TABLE 1

List of Claims

<u>Name of Claim</u>	<u># Units</u>	<u>Record No.</u>
Daisy Fr.	1	2299
BC	12	2382
Ontario	1	2519
Elmer No. 2	1	3044
Jumbo Fr.	1	3045
Rathmullen 1	1	3243
Rathmullen 2	1	3244
Rathmullen 4	1	3245
Rathmullent 5	1	3246
Wake Fr.	1	3709
Climax Fr.	1	3710
Wilgress 1 Fr.	1	3711
Wilgress 2 Fr.	1	3712
Rathmullen Fr.	1	3819
Elmer No. 2 Fr.	1	3871
Mab 4	1	6036
Breyfogle Fr.	1	15819
April Fr.	1	15826
Joiner Fr.	1	15827
Chemical Fr.	1	15861
Remington Fr.	1	15866
Denoro Fr.	1	16937
Jeep 1 Fr.	1	19066
Jeep 8 Fr.	1	19067
Jeep 9 Fr.	1	19068
Jeep 10 Fr.	1	19069
Jeep 11 Fr.	1	19070
Jeep 12 Fr.	1	19071
Jeep 13 Fr.	1	19072
Jeep 15 Fr.	1	19074
Jeep 16 Fr.	1	19075
Jeep 18 Fr.	1	19077
Mab Fr.	1	20360
Mab 2	1	21419
Mab 3	1	21420

CANAMAX RESOURCES INC.

LOCATION MAP

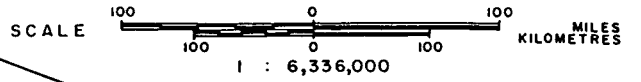
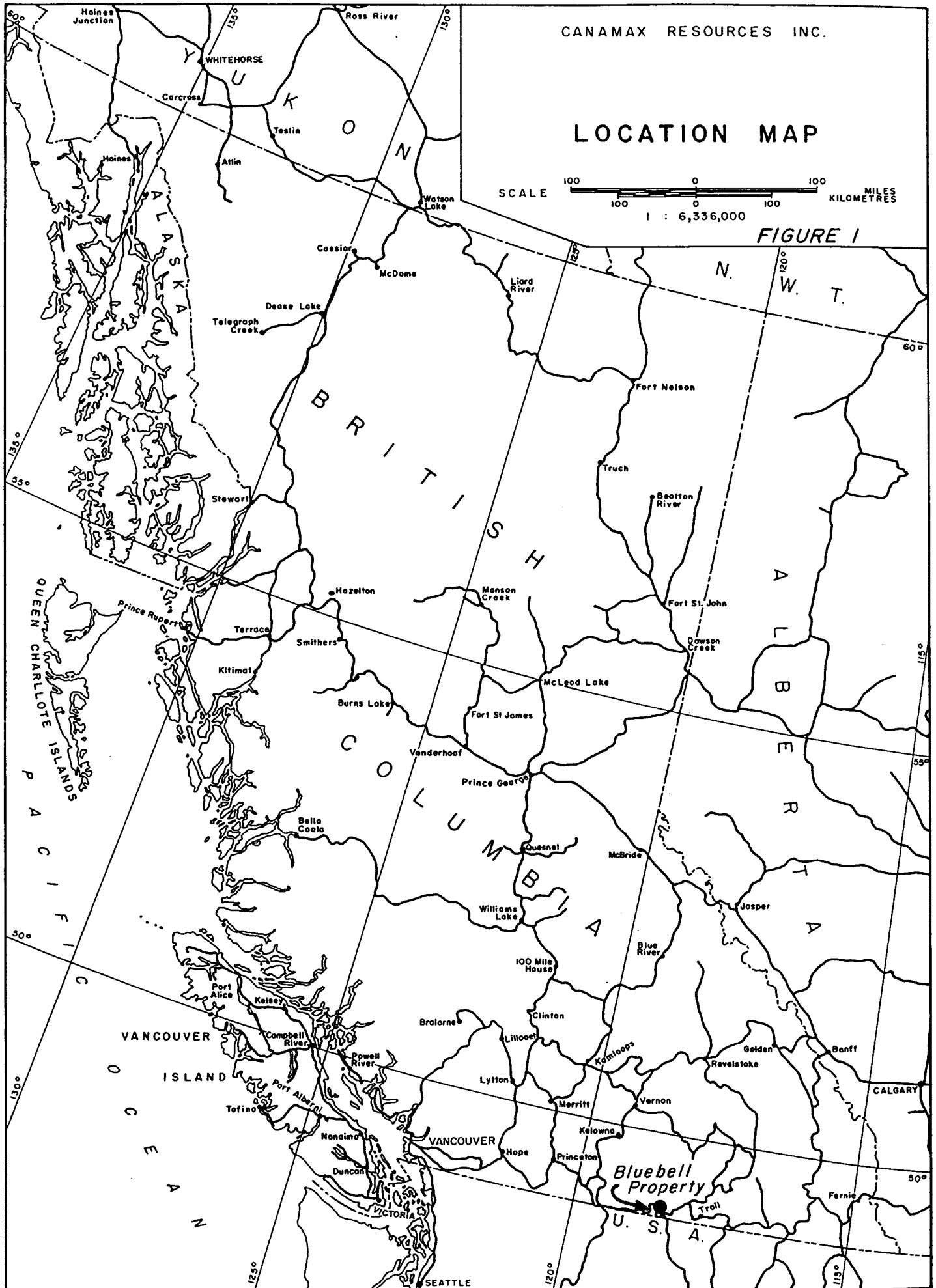
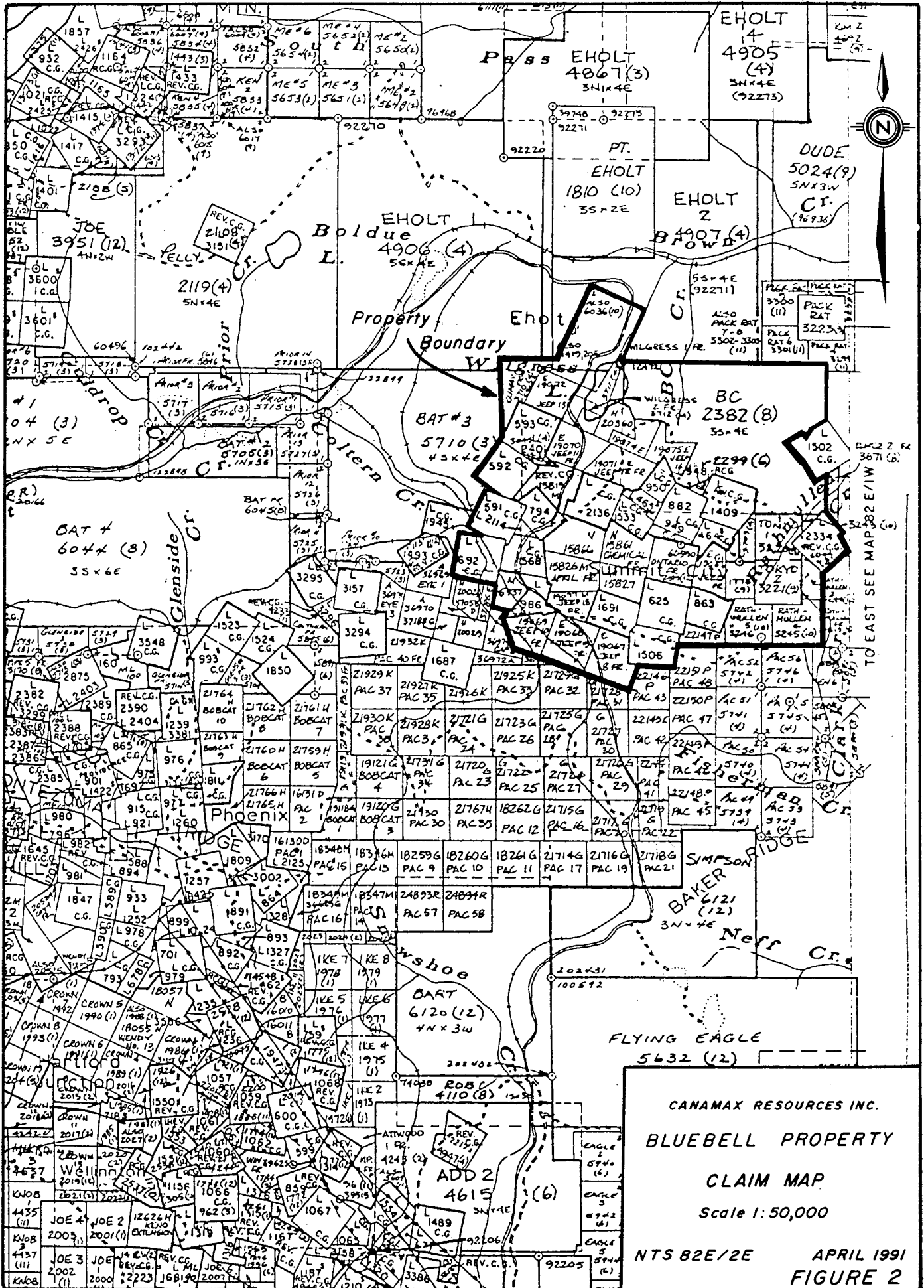


FIGURE 1





CANAMAX RESOURCES INC.
BLUEBELL PROPERTY
 CLAIM MAP
 Scale 1:50,000
 NTS 82E/2E APRIL 1991
FIGURE 2

Previous Work

The Bluebell property has been sporadically explored since 1891 when most of the significant past producers in the Greenwood-Grand Forks area were discovered. The main past producers on the Bluebell property are: Oro Denoro (123,400 tonnes grading 1.37% Cu, 0.93 g/t Au), Emma (230,400 tonnes grading 1.01% Cu, 0.9 g/t Au) and B.C. Mine (93,400 tonnes grading 4.36% Cu, 0.34 g/t Au). Minor production was also recorded from the Mountain Rose, Swallow, Bluebell and R. Bell showings.

Exploration from 1950 to the present includes the following:

- 1951-1953 Attwood Copper Mines Ltd carried out geological, biogeochemical and ground magnetometer surveys.
- 1955-1956 Noranda Mines Ltd. exploration program involved geological mapping, geophysical surveys and about 1800 m of diamond drilling in the Oro Denoro area.
- 1963-1966 West Coast Resources Ltd. completed ground magnetic and geological surveys followed by 3000 m of diamond drilling in the Oro Denoro area.
- 1967 Furukawa Mining Co. Ltd. tested the Oro Denoro area with 42 diamond drill holes totalling 6100 metres.
- 1968-1970 West Coast Resources Ltd. completed 120 m of drifting on the Oro Denoro prospect and drilled several holes near the Emma Mine.
- 1974-1976 Granby Mining Corporation carried out more geological mapping and ground geophysical surveys prior to trenching and minor percussion drilling (270 m). Test mining from an open pit at the Oro Denoro involved moving 123,400 tonnes with small shipments of ore to the Phoenix mill in 1976.
- 1979 New Frontier Exploration Inc., sampled old workings and completed some surface work in the Oro Denoro area.
- 1981-1984 Kettle River Resources Ltd. carried out soil geochemical surveys, ground magnetometer, VLF-M and self-potential surveys on grid lines over varying portions of the property. Approximately 310 m of trenches were excavated and less than 60 m of X-ray drilling completed the program.
- 1987-1989 Skylark Resources Ltd. completed soil geochemical surveys, magnetometer surveys and drilled 6 diamond drill holes (873 m) in the Emmo-Jumbo-Mountain Rose areas.

1991 DRILL PROGRAM

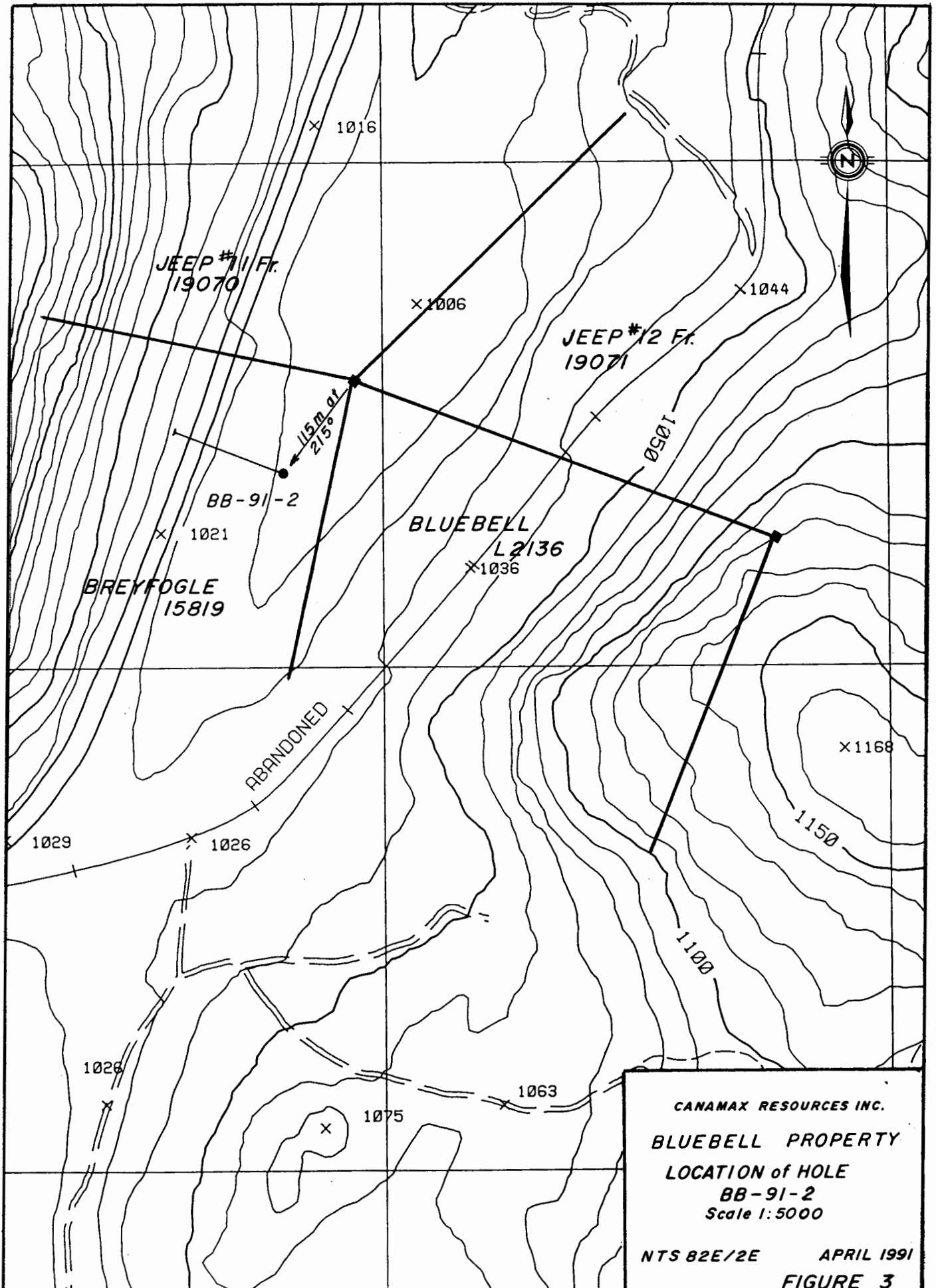
A track mounted hydraulic drill, supplied by Connors Drilling Ltd. from Kamloops, was mobilized to the property in the second half of January 1991.

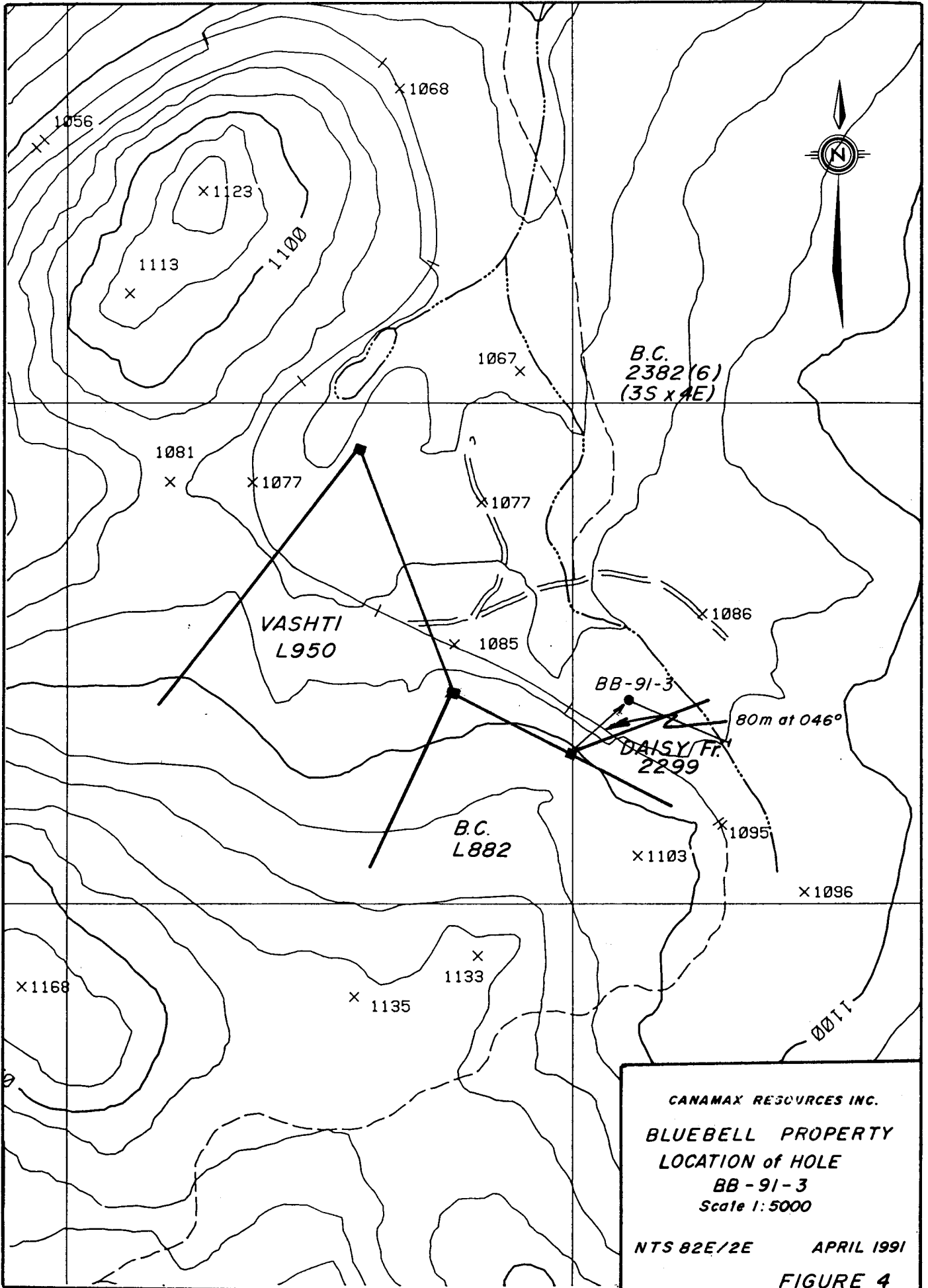
Drill hole BB-91-2 was designed to explain the source of a magnetic anomaly while hole BB-91-3 was designed to test for a continuation of the favourable marble host north from the abandoned B.C. Mine.

Drill logs and assay results are presented in Appendix I.

None of the assays exceeded 5 ppb Au.

Core is stored on a pad at the Dentonia Mine, 1 km north of Greenwood.





STATEMENT OF COSTS
BLUEBELL PROPERTY
JANUARY 16 - 31
1991

Connors Drilling Ltd.
2007 West Trans Canada Highway
Kamloops, B.C.
VIS 1A7

Invoice # 16061

Casing and Coring Costs

BB-91-2	overburden	0 - 62'	\$ 1,224.50
	coring	62 - 500'	7,446.00
	coring	500 - 543'	771.85
BB-91-3	overburden	0 - 20'	395.00
	coring	20 - 500'	8,160.00
	coring	500 - 503'	53.85

Supervision

Tony Hitchins 5 days at \$285.50/day = 1,427.50

\$19,478.70

STATEMENT OF QUALIFICATIONS

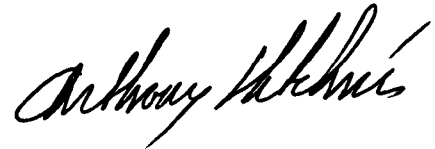
Name: Anthony (Tony) C. Hitchins

Address: #601 - 535 Thurlow Street
Vancouver, B.C.
V6E 3L6

Education: University of Toronto - B.A. Sc. 1970
University of Toronto - M.Sc. 1973

Experience: 1974 - 1983 Amax of Canada Limited
Staff Geologist

1983 - Canamax Resources Inc.
Present Staff Geologist



STATEMENT OF QUALIFICATIONS

Name: D.B. Fleming

Address: 9071 Oakmond Avenue
Richmond, B.C.
V7E 1L7

Education: B.Sc. Geology 1979
University of British Columbia

Experience: 1976 - 1977 Seumotech (64) Ltd.
Explosives Assistant

1978 Amax Minerals
Field Assistant

1979 Amax Minerals
Field Assistant

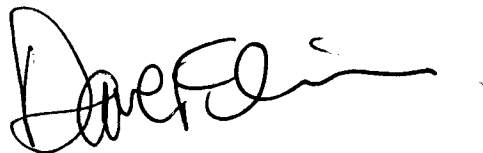
1980 Amax of Canada Limited
Field Assistant

1981 CSR Minerals, Sydney, Australia
Contract Geologist

1982 Amax Minerals Exploration
Senior Assistant

1983 - 1986 Canamax Resources Inc.
Senior Assistant

1986 - Present Canamax Resources Inc.
Geologist



INTERVAL	NOTES
0-17.7m	Overburden, casing.
17.7-46.4m	<p>FELDSPAR PORPHYRITIC SYENITE – pinkish to grey feldspar phenocrysts to 1.5cm occasionally zoned, K-spar less altered than plagioclase in groundmass which is often greenish, soft; biotite fresh, hornblende altered to chlorite.</p> <ul style="list-style-type: none"> - unit is broken with narrow calcite veinlets 70-90° to CA. - magnetic susceptibility approx. 2000×10^{-5} cgs. - lower contact chilled.
46.4-101.7m	<p>FELDSPAR MEGACRYSTIC BIOTITE SYENITE – pink to locally grey-green K-spar phenocrysts elongate to 3cm constitute 25% of core trachytic texture; biotite phenocrysts (10-15%) unaltered up to 5mm; subrounded hornblende clots altered to chlorite. Plagioclase in groundmass light green along with pink K-spar.</p> <p>46.4-58.0 – coarse grained equigranular phase with <2% dissem. pyrite.</p> <p>58.0-93.0 – magnetic susceptibility generally $100-800 \times 10^{-5}$ with some intervals of approx 1500×10^{-5} cgs.</p>
101.7-103.9m	<p>ANDESITE DIKE – medium to dark green, fine grained, up to 15% 2-3mm feldspar phenocrysts, grey-white subrounded.</p> <ul style="list-style-type: none"> - upper and lower chilled margins @ 50° and 40° respectively. - magnetic susc. $1000-2500 \times 10^{-5}$ cgs.
103.9-111.3m	<p>FELDSPAR MEGACRYSTIC BIOTITE SYENITE – as above.</p> <ul style="list-style-type: none"> - 1-2% disseminated pyrite in infrequent patches where mafic phenocrysts predominate.

INTERVAL	NOTES
111.3-115.3m	<p>FELDSPAR PORPHYRY – medium brown to green with equant subhedral K-spar phenocrysts light pink in colour up to 8mm; approx. 10% in a clustered or crowded medium grained matrix of feldspar and dark green mafics.</p> <p>– dike margins are chilled for up to 50cm with matrix being very fine grained dark green. Feldspar phenocrysts prevail.</p> <p>– dike contacts @ 45° to CA.</p> <p>– magnetic susceptibility 200-700 x 10⁻⁵ cgs with dike margins non-magnetic.</p>
115.3-165.61m	<p>FELDSPAR MEGACRYSTIC BIOTITE SYENITE – as above.</p> <p>115.3-118.5 – magnetic susc. 1000-2000 x 10⁻⁵ cgs.</p> <p>118.5-122.7 – magnetic susc. 0-70 x 10⁻⁵ cgs.</p> <p>121.0-121.7 – <5% quartz veins and stringers 1mm-2cm @ 45° CA with chlorite-pyrite + molybdenite.</p> <p>122.7-126.2 – strongly clay altered zone with K-spar megacrysts replaced by chlorite. Locally sheared with gouge and clay.</p> <p>122.7-146.0 – magnetic susc. 1000-3000 x 10⁻⁵ cgs.</p> <p>143.0-146.0 – strongly clay altered zone as in 122.7-126.2m.</p> <p>146.0-160.4 – low magnetic susc. 100-300 x 10⁻⁵ cgs.</p>

INTERVAL**NOTES**

164.0 - rapid decrease in large K-spar megacrysts to a dark green to pink salt and pepper textured, medium to coarse grained equigranular syenite. Local foreign clasts dk grey to black up to 2cm.

165.61m EOH

PROPERTY

BLUEBELL ZONE

BC Mine

D.D.H. No BB-91-3

COORDINATES

4+50S SECTION
2+40W

COLLAR ELEVATION

1083m

DATE STARTED

January 29

COLLAR AZIUMTH

115°

DATE COMPLETED

January 31

DIP AT COLLAR

-45°

CORE SIZE

NQ

TOTAL DEPTH

153.3m

CORING METHOD

WIRELINE

LOGGED BY

T. Hitchins/D. Fleming

DRILLING CONTRACTOR

Connors

SURVEY DATA			
DEPTH	AZIMUTH	DIP	METHOD
152.4m		-44°	acid

COMMENTS

Casing pulled, hole cemented.

SUMMARY LOG			WEIGHTED ASSAY AVERAGES						
FROM	TO	GEOLOGY	FROM	TO	WIDTH				S.G.
0	5.18	Casing, overburden.							
5.18	8.1	Dacite, fragmental.							
8.1	29.5	Calc-silicate hornfelses chert conglomerate.							
29.5	39.4	Dacite, fragmental.							
39.4	44.7	Pink feldspar porphyry.							
44.7	46.3	Dacite, fragmental.							
46.3	59.5	Feldspar-biotite porphyry.							
59.5	66.1	Calc-silicate hornfels.							
66.1	75.7	Feldspar porphyry.							
75.7	79.3	Calc-silicate hornfelses chert conglom.							
79.3	83	Feldspar porphyry.							
83	103.7	Feldspar porphyry.							
103.7	119.2	Hornfelses chert conglomerate.							
119.2	126.4	Pink feldspar porphyry							
126.4	147.3	Hornfelses chert conglomerate.							
147.3	149.3	Feldspar porphyry.							
149.3	151	Hornfelses chert conglomerate							
151	153.3	Pink feldspar porphyry.							
153.3		EOH							

INTERVAL	NOTES
0-5.18m	Casing, overburden.
5.18-8.10m	<p>DACITE - fragmental, medium mottled, greenish tan with fuzzy chloritic clots after hornblende(?); matrix is fine grained; feldspar crystals generally indistinct but occasionally well defined; xenoliths (approx. 3%) of creamy coloured med. grained syenite.</p> <p>- the lower contact brecciated over several cm.</p> <p>- magnetic susceptibility $280-560 \times 10^{-5}$</p>
8.10-29.5m	<p>CALC-SILICATE HORNFELSED CHERT PEBBLE CONGLOMERATE/SANDSTONE - light grey glassy angular to well rounded chert clasts from 1mm to several cm in a pale green to tan-orange hornfelses matrix, fine grained, hard.</p> <p>- local late chlorite alteration with narrow crushed zones.</p> <p>- occasional fragments or clasts of med. grained felsic intrusive(?).</p> <p>26.8-29.5m trace fine pyrite and soft dark grey metallic mineral on hairline fractures, magnetic susc. $10-20 \times 10^{-5}$</p>
29.5-39.4	<p>DACITE-fragmental - as above.</p> <p>- rare grey-white feldspar phenocrysts, one at 4cm across - euhedral.</p> <p>- intermittent sections of fracture stockworks with qtz-py-hematite, most intense 37.4-39.4m.</p>

INTERVAL	NOTES
29.5-39.4m (cont'd)	- magnetic susceptibility $600-700 \times 10^{-5}$ at upper contact; $20-80 \times 10^{-5}$ elsewhere.
39.4-44.7	<p>PINK FELDSPAR PORPHYRY - medium grained K-spar rich matrix with approx. 15-20% equant subrounded to subangular feldspar phenocrysts to 5mm; there are no visible mafics.</p> <p>- upper and lower margins are chilled.</p> <p>- magnetic susc. $1400-1800 \times 10^{-5}$</p>
44.7-46.3m	DACITE - fragmental as above.
46.3-59.5m	<p>FELDSPAR-BIOTITE PORPHYRY - pink with dark green speckled medium grained matrix consisting of K-spar + biotite; 5% light green feldspar phenocrysts to 1cm; biotite to 5mm, unaltered; as well, chloritized mafic phenocrysts as clots to 5mm.</p> <p>- upper and lower margins are chilled.</p> <p>- magnetic susc. $1400-1800 \times 10^{-5}$</p> <p>- alteration consists of weak silicification and chlorite along network of fractures.</p>
59.5-66.1m	<p>CALC-SILICATE HORNFELS - light green mottled grey-brown, very fine grained, hard; fractures with white calcite near upper contact, hairline fractures with quartz and light green envelopes, trace pyrite.</p> <p>59.5-62.5 - strongly bedded with dark green chloritic and dark grey hornfels banding @ 40° to CA; bedding becomes indistinct and disrupted grading down into a mottled green calc-silicate hornfels with occasional marble sections, trace dissem. garnet.; mag susc. $100-800 \times 10^{-5}$</p>

INTERVAL	NOTES
66.1-75.5m	<p>FELDSPAR PORPHYRY – pink to speckled green, medium grained K-spar and chlorite matrix with 10% white euhedral feldspar phenocrysts to 8mm.</p> <p>– upper contact chilled, fine grained dark green; mag susc. 1000×10^{-5}</p>
75.5-79.3m	<p>CALC-SILICATE HORNFELSED CHERT PEBBLE CONGLOMERATE – light green to dark green calc-silicate with remnant biotite hornfels; rare pyrite, hematite on hairline fractures.</p>
79.3-83.0m	<p>FELDSPAR PORPHYRY – equal amounts of K-spar and plagioclase in a med. grained groundmass with 10% chlorite after hornblende(?).</p> <p>– chilled contacts @ 70° to CA; magnetic susc. 1000×10^{-5}</p>
83.0-103.7m	<p>FELDSPAR PORPHYRY – similar to 79.3-83.0 but a pink groundmass with plagioclase and K-spar pheno's.</p> <p>– magnetic susc. $400-500 \times 10^{-5}$</p> <p>– lower contact chilled approx. 90° to CA.</p> <p>– this dike is cut by a dike of identical character from 91.0-97.4 with chilled contacts @ 35° CA.</p>
103.7-119.2m	<p>HORNFELSED CHERT PEBBLE CONGLOM. – dark brown, fine grained matrix with 1-2% fine pyrite on hairline fractures, chert clasts are rare in the interval 103.7-114.3, colour becomes greenish 111.0-114.3; grey chert fragments generally <1cm but locally up to 4cm clast supported.</p> <p>– fault zone @ 113.3 with qtz-clay-gouge.</p> <p>– 114.3-119.2; banded hornfels @ 50° to CA local clasts of rhyolite or brown silicified limestone.</p> <p>– mag susc. $50-100 \times 10^{-5}$</p>
119.2-126.4m	<p>PINK FELDSPAR PORPHYRY – medium grained with chlorite altered ferro mag <5% in a K-spar groundmass.</p>
126.4-147.3m	<p>HORNFELSED CHERT CONGLOMERATE – as above; magnetic susc. $10-20 \times 10^{-5}$</p>

INTERVAL	NOTES
	126.4-130.8 chloritic, siliceous matrix; chlorite veinlets +- py approx 10/50 cm.
	128.9 - Fault - 20cm of soft grey gouge @ 60-90° to CA.
	132-142.6 - brown cast due to fine biotite, 1-2% dissem py; bleaching along hairline fractures. 139.4 - calcite vein with galena, sphalerite pyrite foliation of clasts @ 60° to CA.
	142.6-145.3 - chlorite predominates over biotite in matrix, chlorite-py veinlets 10/50cm.
	145.3-147.3 - light green patchy epidote alteration of some clasts and matrix also locally along hairline fractures with trace diss. py; hematite stain rare.
147.3-149.4m	<p>FELDSPAR PORPHYRY - 5-10% chlorite after hornblende(?) in a medium gr equigranular groundmass; contacts chilled at 45° CA.</p> <p>- mag susc. 700-1000 x 10⁻⁵</p>
149.3-151.0m	HORNFELSED CHERT CONGLOMERATE - as above with locally crowded chert clasts.
151.0-153.3m	<p>PINK FELDSPAR PORPHYRY - <1% ferromagnesian minerals, fine grained groundmass.</p> <p>- upper contact chilled @ 35° to CA.</p> <p>- this dike is cut by a 20cm wide green feldspar porphyry dike.</p> <p>- magnetic susc. 10 x 10⁻⁵</p>
153.3m - EOH	

ASSAY DATA SHEET

D.D.H. BB-91-3

BLUEBELL PROPERTY

SAMPLE DATA			ASSAY DATA												
From M	To M	Interval M	SAMPLE NUMBER	Au PPB	Cu PPM	Ni PPM	Co PPM	Ag PPM	Zn PPM	Pb PPM	Bi PPM	Hg PPB	Sb PPM	As PPM	
8.1	10.1	2	73180	5	10	12	6	0.1	64	12	2	5	2	18	
14.25	16.25	2	73181	5	26	12	4	0.1	58	6	2	5	2	22	
22.2	24.2	2	73182	5	18	10	6	0.1	78	14	2	5	2	12	
37.4	39.4	2	73183	5	32	4	4	0.1	72	52	2	5	2	12	
62.1	64.1	2	73184	5	54	58	14	0.1	30	2	2	5	2	62	
75.7	77.7	2	73185	5	14	56	16	0.1	112	12	2	5	2	14	
103.7	105.7	2	73186	5	22	30	16	0.1	64	8	2	5	2	28	
110.6	112.6	2	73187	5	16	32	14	0.1	68	4	2	5	2	30	
114.3	116.3	2	73188	5	34	36	18	0.1	62	8	2	5	2	18	
126.4	128.4	2	73189	5	24	20	4	0.1	36	4	2	5	2	12	
139.3	141.3	2	73191	5	14	26	12	0.1	356	164	2	5	2	30	
145.25	147.25	2	73192	5	12	24	12	0.1	68	10	2	5	2	14	