

81-#756 - 9720

A DRILLING REPORT ON THE  
EARLY BIRD CLAIM GROUP

Skeena Mining Division  
British Columbia

N. T. S. 103-C-16/E

Latitude: 52° 57.5' N

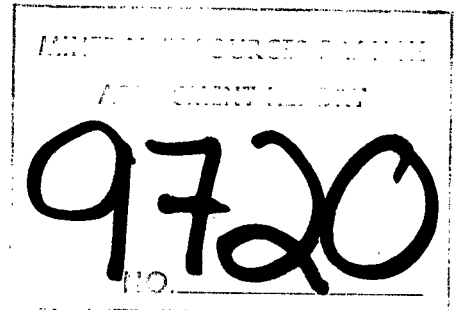
Longitude: 132° 11' W

for

CHARLOTTE RESOURCES LTD.

by

R. Woolverton, P. Eng.  
EVERGREEN EXPLORATIONS LTD.



Burnaby, B. C.

October 28, 1981.

Field Work Done: March 3 - May 13, 1981.

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A DRILLING REPORT ON THE  
EARLY BIRD CLAIM GROUP.

INTRODUCTION

The EARLY BIRD Claims are on the west side of Mitchell Inlet, near the west coast of Moresby Island, Queen Charlotte Islands, B. C. about 40 kilometres southwest of Sandspit. They were previously accessible by boat from a logging road at Peel Inlet. Unfortunately, one bridge on this road was recently declared unsafe so that access is by air via amphibious fixed wing or helicopter from the Sandspit Airport.

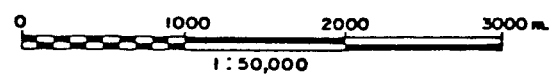
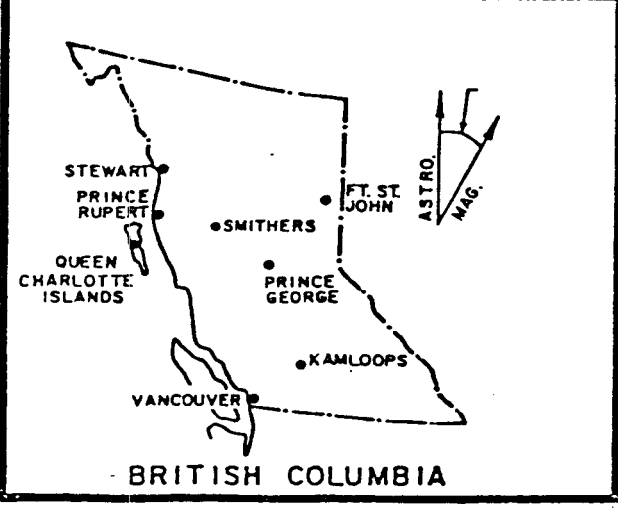
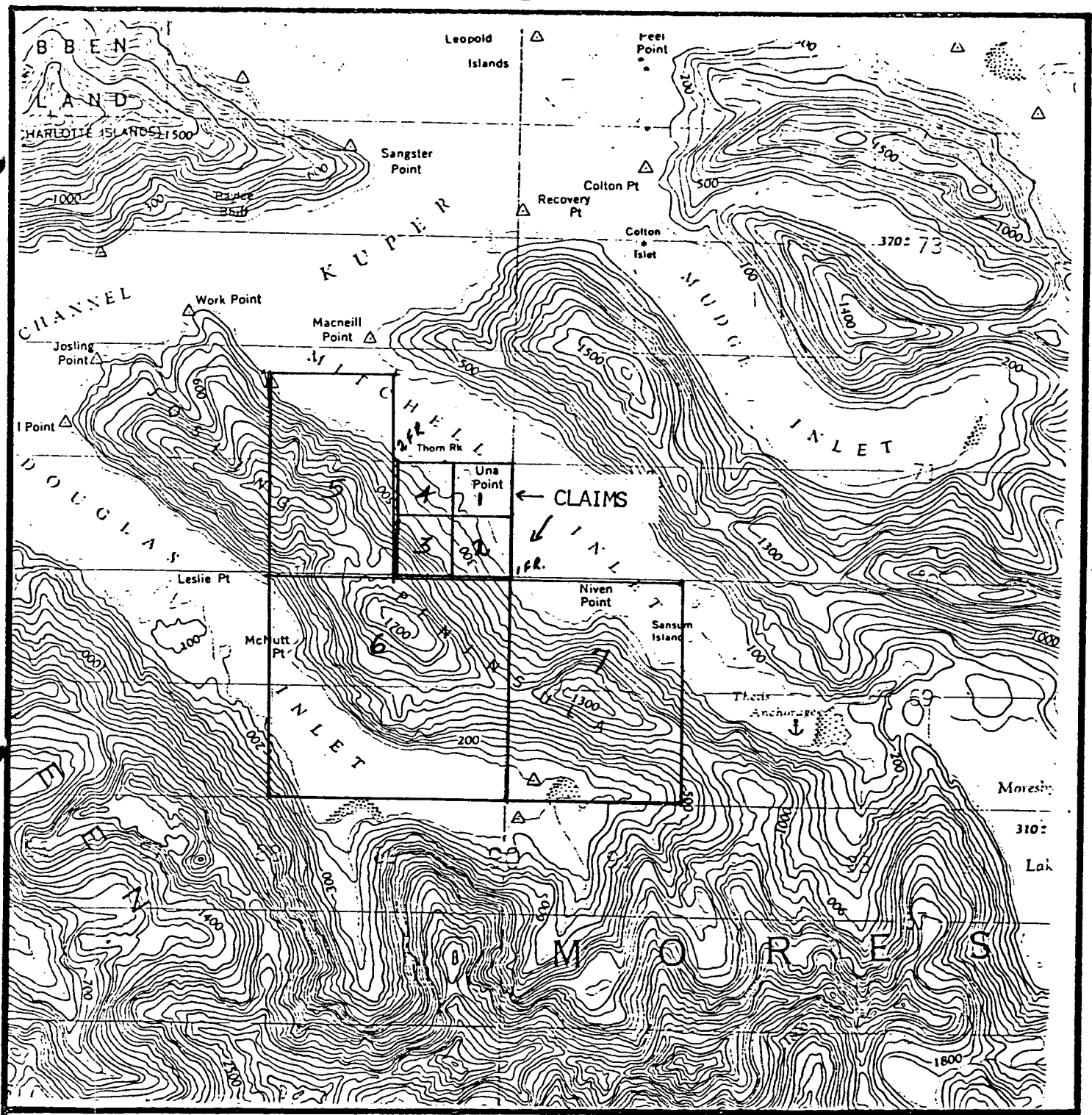
The Haida Indians were the first to find gold here,<sup>1</sup> probably during the first half of the nineteenth century. The Hudson Bay Company began highgrading the Indian's showings in 1851 by open cut but ran out of ore in 1852. John McLellan found additional ore shoots around the turn of the century and successfully operated a small underground mine and stamp mill at Mitchell Inlet from 1907 until 1933. The last recorded mining was by Dr. D. F. Kidd in 1939.

Most of the shoreline of Mitchell Inlet is steep and rocky with only a few small gravel beaches usable for off-loading float planes. Campsites are also scarce.

1981 Drilling

This program apparently is the first investigation of the Mitchell Inlet gold showings by diamond drilling. In the past, exploration consisted of conventional surface prospecting followed by open-cut trenching or underground drifting. Three old showings near the shore of Mitchell Inlet were drill tested.

1 Dalzell, p. 108



*f. Woodcock*

**LOCATION MAP**  
**EARLY BIRD CLAIMS, Q. C. I.**  
 SKEENA M. D.  
 CHARLOTTE JOINT VENTURE, VANCOUVER, B. C.

TO ACCOMPANY A REPORT BY R. WOOLVERTON, P. ENG.  
 October 28, 1981 Skeena M. D.

**EVERGREEN EXPLORATIONS LTD.** DRAWN BY: R.W.W.  
N.T.S. 103-C-16 E

Figure 1

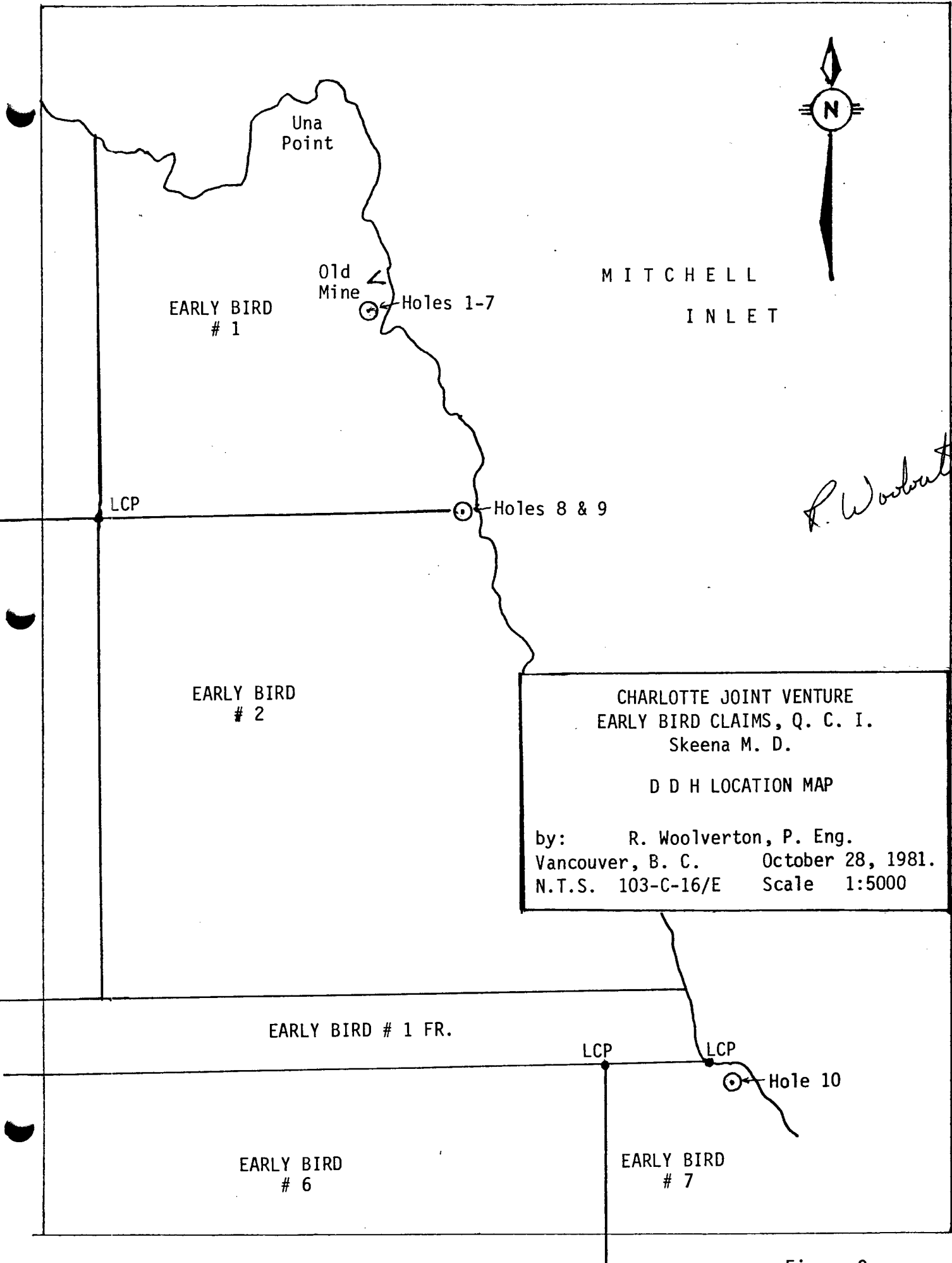


Figure 2

Holes one to seven cut the vein about 30 feet under McLellan's old Mine workings where it apparently steepens, pinches out, and becomes barren. In addition, two open cuts were tested. Holes eight and nine formed a fence across the first cut, about 130 metres south of McLellan's Mine. Hole 10 investigated the strike extension of a small vein exposed in an open cut on the beach about 850 metres south of McLellan's Mine. Six hundred and twelve metres (2005.5') of BQ drilling was completed at an "all-up" cost of \$123,611. The core is stored at Lot 5, Bayview Extension, Port Clements, B. C.

### Results

Although most of the core was split and bagged, less than a third was assayed for gold. The results were disappointing.

Most of the veins encountered appear quite steep. The gangue is a variable mixture of calcite and quartz with pyrite, specular hematite and occasionally chalcopyrite as accessories. Galena was noted in DDH 9.

The wall rock at McLellan's Mine is a relatively flat lying pillow lava sequence within (ASB Fig. 5)<sub>2</sub> the Karmutsen volcanics. Interpillow space is filled with quartz and epidote. Holes 8 and 9 cut Karmutsen fragmentals of unknown attitude whereas Hole 10 apparently intersected limestone or limy tuff within the Karmutsen.

Respectfully submitted,



R. Woolverton, P. Eng.  
EVERGREEN EXPLORATIONS LTD.

October 28, 1981.

REFERENCES

- Dalzell, K. E. (1973): The Queen Charlotte Islands, Book 2.  
page 108.
- Sutherland Brown, A. (1969): B. C. Department of Mines, Bulletin 54.

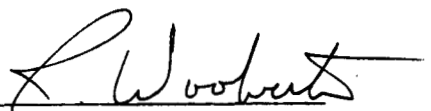
STATEMENT OF QUALIFICATIONS



STATEMENT OF QUALIFICATIONS

I, ROY W. WOOLVERTON, Geologist, of 5424 Halifax Street, Burnaby, British Columbia, do hereby certify that:

- 1) I am a 1960 BSc graduate of the University of British Columbia.
- 2) I have been a Registered Professional Engineer of the Province of British Columbia since 1969.
- 3) I have worked as a mineral explorationist since graduation.
- 4) I personally supervised the drilling and logging of core of the EARLY BIRD CLAIMS.

  
\_\_\_\_\_  
ROY W. WOOLVERTON, P. ENG.

OCTOBER 28, 1981  
DATE

SUMMARY OF COSTS

SUMMARY OF COSTS  
 EARLY BIRD 1-4; 5-7 & 1 FR.-2 FR.  
Expenditures March 3 - May 13, 1981.

SALARIES & WAGES

R. Woolverton	geologist	Mar 11-27, 28-31, Apr 1-13, 16-18, 20-20, May 1-9, 12-13	56 days @ \$225	\$12,600.00
G. Rayner	geologist	Mar 20-26	7 days @ \$375	2,625.00
W. Nasby	casual help	Mar 18	1 day @ \$100	100.00
C. McPhillips	fieldman	Mar 28-Apr 30, May 1-7	416 hrs @ \$20/hr	8,320.00
C. O'Brien	field man	Apr 2-3, 7-9	46.5 hrs @ \$20/hr	930.00
				\$24,575.00

TRANSPORTATION

Queen Charlotte Helicopters - Sandspit to Mitchell Inlet				
March - Jet Ranger, 500D				2,896.10
April - Jet Ranger, 500D				5,405.20
Trans Provincial Airlines - Sandspit to Mitchell Inlet				
April - Otter				4,033.70
May - Otter				198.00
				12,533.00

DRILLING - Contract

Globe Drilling	- 2005.5 ft			69,793.92
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CAMP CONSTRUCTION & SITE PREPARATION (Contract)

O'Brien & Fuerst Logging (Camp on floats)				
Mar 3-14 - 2 men x 172 man hour- @ \$20/hr				3,440.00
JD-50 Skidder and truck				1,800.00
				5,240.00

ASSAYS

142 assays analyzed for Au (F.A.)/\$11.75/sample	1,668.50
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CAMP MAINTENANCE AND SUPPORT

March & April (4,288.66 + 1,738.73	6,027.39
Equipment - power saw, truck, lowbed	1,128.00
7,155.39	

EQUIPMENT RENTALS

Zodiak, Zephyr (Mar-April)- (1,385.60 + 1,260.00)	2,645.60
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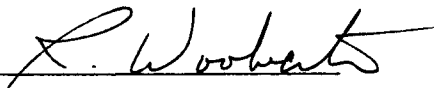
TOTAL COSTS	\$123,611.41
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Copies of invoices upone request.

AFFIDAVIT SUPPORTING SUMMARY OF COSTS

AFFIDAVIT SUPPORTING SUMMARY OF COSTS

I, ROY W. WOOLVERTON, Geologist, Evergreen Explorations Ltd., of Burnaby, British Columbia, do hereby state, that, to the best of my knowledge and belief the Statement of Costs in this report (A DRILLING REPORT ON THE EARLY BIRD CLAIM GROUP) is a true account of expenditures from drilling on the EARLY BIRD property.

  
\_\_\_\_\_  
ROY W. WOOLVERTON, P. ENG.

OCTOBER 28, 1981  
DATE

DRILL LOGS WITH ASSAYS



# Evergreen Explorations Ltd.

Sheet 1 of 4

PROPERTY EARLY BIRD DRILL HOLE 1

AZIMUTH  
LATITUDE 293° DATE STARTED March 20/81  
DEPARTURE \_\_\_\_\_ DATE COMPLETED March 25/81  
DIP -45° DRILLED BY Globe Drilling  
ELEVATION \_\_\_\_\_ LOGGED BY R. Woolverton

*1/4" = 0.25 mm*

Depth	Geology	Sample No	Width	Au
0-3	Casing.			
3-9	Chl'zd pillow lavas, qtz-epidote, odd qtz-carb stringer.	12723		
9-12	Chl'zd pillow lavas, several qtz-carb stringers 30° to steep.	12724		
12-18.5	Chl'zd pillow lavas, some stringers.	12725		
18.5-19	Chl'zd pillow lavas, 2" - 50° qtz-carb- hem-pyr compound vein.	12726		.001
19-20.5	Chl'zd pillow lavas, 45° qtz-carb-pyr-hem stringer.	12727		
20.5-21.5	Chl'zd pillow lavas, 45° - 4" shear- composite qtz-carb-pyr vein.	12728		.001
21.5-23	Chl'zd pillow lavas, several 45° qtz-carb- pyr-hem stringers.	12729		
23-28	Chl'zd pillow lavas, a few stringers.	12730		
28-33	Chl'zd pillow lavas, occasional stringers.	12731		
33-40	Chl'zd pillow lavas, a few stringers.	12732		
40-42	Chl'zd pillow lavas, a few stringers, one steep 1/2" qtz-carb±hem±pyr vein.	12733		.001
42-44	Chl'zd pillow lavas, a few stringers, steep qtz-carb vein.	12734		
44-45	Chl'zd pillow lavas, 4" - 30° bleached- compound qtz-carb-hem-pyr vein.	12735		.001
45-47	Chl'zd pillow lavas, several 45° qtz-carb- hem stringers.	12736		
47-51	Chl'zd pillow lavas, several stringers.	12737		



# Evergreen Explorations Ltd.

Sheet 2 of 4

PROPERTY EARLY BIRD DRILL HOLE 1

~~LATITUDE~~ 293<sup>0</sup> DATE STARTED March 20/81  
 DEPARTURE \_\_\_\_\_ DATE COMPLETED March 25/81  
 DIP -45<sup>0</sup> DRILLED BY Globe Drilling  
 ELEVATION \_\_\_\_\_ LOGGED BY R. Woolverton

*14 = 0.305m*

Depth	Geology	Sample No	Width	Au
51-52	Chl'zd pillow lavas, 45 <sup>0</sup> bleached compound qtz-carb vein ± pyrite hem.	12738		.001
52-59.5	Chl'zd pillow lavas, occasional stringer.	12739		
59.5-60	50 <sup>0</sup> - 4" compound qtz-carb vein ± pyrite trace hem.	12740		.001
60-68	Chl'zd pillow lavas, occasional stringers.	12741		
68-73	Chl'zd pillow lavas, occasional stringers, qtz-epidote, pyrite @ 73'.	12742		
73-78	Chl'zd pillow lavas, qtz-epidote.	12743		
78-83	Chl'zd pillow lavas, qtz-epidote.	12744		
83-88	Chl'zd pillow lavas, odd stringer.	12745		
88-95	Chl'zd pillow lavas, 1' qtz-epidote @ 93'.	12746		
95-100	Chl'zd pillow lavas, 1' qtz-epidote @ 97'.	12747		
100-105	Chl'zd pillow lavas, occasional stringer.	12748		
105-107	Chl'zd pillow lavas, occasional stringer.	12749		
107-107.5	Chl'zd pillow lavas, 4" - 50 <sup>0</sup> bleached compound qtz-carb -hem-pyr veins and stringers.	12750		.001
107.5-113	Chl'zd pillow lavas, 3 qtz-carb -hem-pyr stringers.	12751		.001
113-114	Chl'zd pillow lavas, 3" - 20 <sup>0</sup> compound qtz-carb -hem-pyr veins.	12752		.001
114-118	Chl'zd pillow lavas, occasional stringers, steep slickensides (?) @ 118'.	12753		
118-123	Chl'zd pillow lavas, occasional stringer.	12754		
123-128	Chl'zd pillow lavas, occasional stringer, minor qtz-epidote @ 128'.	12755		

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Sheet 3 of 4

PROPERTY EARLY BIRD DRILL HOLE 1

~~LATITUDE~~ 293° DATE STARTED March 20/81  
 DEPARTURE \_\_\_\_\_ DATE COMPLETED March 25/81  
 DIP -45° DRILLED BY Globe Drilling  
 ELEVATION \_\_\_\_\_ LOGGED BY R. Woolverton

*14 = 0.305 m*

Depth	Geology	Sample No	Width	Au
128-133	Chl'zd pillow lavas, a few stringers.	12756		.001
133-138	Chl'zd pillow lavas, a few stringers.	12757		
138-143	Chl'zd pillow lavas, a few stringers.	12758		
143-148	Chl'zd pillow lavas, a few stringers, qtz-epidote @ 147'.	12759		
148-153	Chl'zd pillow lavas, a few stringers, qtz-epidote @ 150'.	12760		.001
153-158	Chl'zd pillow lavas, a few stringers, qtz-epidote @ 155'.	12761		
158-163	Chl'zd pillow lavas, odd stringer.	12762		
163-168	Chl'zd pillow lavas, some epidote alteration.	12763		
168-173	Chl'zd pillow lavas, odd stringer, qtz- epidote @ 172'.	12764		
173-178	Chl'zd pillow lavas, odd stringer, qtz- epidote @ 178'.	12765		
178-183	Chl'zd pillow lavas, odd stringer.	12766		
183-188	Chl'zd pillow lavas, odd stringer.	12767		
188-193	Chl'zd pillow lavas, odd stringer.	12768		
193-198	Chl'zd pillow lavas, odd stringer, qtz-epidote @ 194', lost water return @ 197'.	12769		
198-203	Chl'zd pillow lavas, odd stringer.	12770		
203-208	Chl'zd pillow lavas, odd stringer.	12771		
208-213	Chl'zd pillow lavas, occasional stringers.	12772		
213-218	Chl'zd pillow lavas, qtz-epidote @ 216'.	12773		
218-223	Chl'zd pillow lavas.	12774		
223-228	Chl'zd pillow lavas, qtz-epidote @ 225'.	12775		

# Evergreen Explorations Ltd.

Sheet 4 of 4

PROPERTY EARLY BIRD DRILL HOLE 1

AZIMUTH \_\_\_\_\_  
~~LATITUDE~~ 293° DATE STARTED March 20/81

DEPARTURE \_\_\_\_\_ DATE COMPLETED March 25/81

DIP -45° DRILLED BY Globe Drilling

ELEVATION \_\_\_\_\_ LOGGED BY R. Woolverton

*188 = 0.305m*

Depth	Geology	Sample No	Width	Au
228-234.5	Chl'zd pillow lavas, some stringers, 1' qtz-epidote @ 232'.	12776		
234.5-237	Chl'zd pillow lavas, several 35-40" carb-hem <sup>±</sup> pyrite stringers, one is 3".	12777		.001
237-243	Chl'zd pillow lavas, odd stringer.	12778		
243-248	Chl'zd pillow lavas, 2' epidote zone @ 248'	12779		
248-253	Chl'zd pillow lavas, odd stringer.	12780		
253-258	Chl'zd pillow lavas, qtz-epidote (3") @ 255'.	12781		
258-263	Chl'zd pillow lavas, 1' qtz-epidote @ 258'.	12782		
263-268	Chl'zd pillow lavas, odd stringer, qtz-epidote @ 265' and 268'.	12783		
268-273	Chl'zd pillow lavas, odd stringer, qtz-epidote (1') @ 273' ± hem? (looks too orange).	12784		
273-278	Chl'zd pillow lavas.	12785		
278-283	Chl'zd pillow lavas, 1' qtz-epidote @ 280', orange hem @ 278'.	12786		
283-287	Chl'zd pillow lavas.	12787		
287-289	Chl'zd pillow lavas, two 4" chloritized-qtz zones with orange hem.	12788		.001
289-293	Chl'zd pillow lavas, 4" qtz-epidote @ 293'.	12789		
293-298	Chl'zd pillow lavas, minor qtz-epidote.	12790		
298-303	Chl'zd pillow lavas, minor qtz-epidote.	12791		
303-308	Chl'zd pillow lavas, 2" qtz-epidote @ 304'.	12792		
308-313	Chl'zd pillow lavas, 1' qtz-epidote @ 311'.	12793		
	END OF HOLE.			

*R. Woolverton*

# Evergreen Explorations Ltd.

Sheet 1 of 3

PROPERTY EARLY BIRD DRILL HOLE 2

AZIMUTH 275° DATE STARTED March 25/81  
~~LATITUDE~~ DEPARTURE \_\_\_\_\_ DATE COMPLETED March 27/81  
 DIP -45° DRILLED BY Globe Drilling  
 ELEVATION \_\_\_\_\_ LOGGED BY R. Woolverton

*1 ft = 0.305 m*

Depth	Geology	Sample No	Width	Au
0-4	Casing.			
4-8	Chl'zd pillow lavas, numerous qtz-carb stringers.	12794		
8-13	Chl'zd pillow lavas, numerous qtz-carb stringers, steep ½" vein @ 9'.	12795		
13-18	Chl'zd pillow lavas, fair qtz-carb str.	12796		
18-23	Chl'zd pillow lavas, fair qtz-carb str., Several 1" veins @ 18-22.5' (20° both), Some pyrite @ 20' in steep stringers.	12797		
23-26	Chl'zd pillow lavas, some stringers.	12798		
26-27	5" - 30° qtz-carb ±pyrite vein system.	12799		.001
27-29	Chl'zd pillow lavas, several steep qtz-carb ±pyrite stringers.	12800		.001
29-33	Chl'zd pillow lavas, a few steep stringers.	12801		
33-36	Chl'zd pillow lavas, a few stringers.	12802		
36-36.5	Chl'zd pillow lavas, 3 - ¼" - 35° qtz-carb -hem stringers.	12803		.001
36.5-43	Chl'zd pillow lavas, a few stringers.	12804		
43-48	Chl'zd pillow lavas, a few stringers, hem @ 46' (35° - ¼").	12805		.001
48-54.5	Chl'zd pillow lavas, a few stringers, qtz-epidote @ 53'.	12806		
54.5-55.5	Chl'zd pillow lavas, steep (20°) 4" bleached-vein zone with hematite.	12807		.001
55.5-60	Chl'zd pillow lavas, hem stringer @ 56.5', steep (20°) ½" qtz-carb ±hem±pyrite vein @ 58'.	12808		

# Evergreen Explorations Ltd.

Sheet 2 of 3

PROPERTY EARLY BIRD DRILL HOLE 2

AZIMUTH 275° DATE STARTED March 25/81  
~~LATITUDE~~ 275° DATE COMPLETED March 27/81  
 DEPARTURE -45° DRILLED BY Globe Drilling  
 DIP -45° LOGGED BY R. Woolverton  
 ELEVATION \_\_\_\_\_

*1 ft = 0.305 m*

Depth	Geology	Sample No	Width	Au
60-62	30° - 6" bleached-vein (qtz-carb ±hem, pyr)	12809		.002
62-63.5	Chl'zd pillow lavas, a few str, some qtz-epidote.	12810		
63.5-64.5	Steep (20°) 1" qtz-carb-pyr±hem vein.	12811		.001
64.5-70.5	Chl'zd pillow lavas, a few stringers.	12812		
70.5-71	Chl'zd pillow lavas, steep qtz-carb -hem-pyrite stringers.	12813		.001
71-76.5	Chl'zd pillow lavas, some stringers.	12814		
76.5-77	Chl'zd pillow lavas, 45° qtz-carb -hem stringers.	12815		.001
77-80.5	Chl'zd pillow lavas, a few stringers.	12816		
80.5-81	Chl'zd pillow lavas, 40° - 1½" qtz-carb -hem-pyrite vein.	12817		.007
81-88	Chl'zd pillow lavas, some steep stringers.	12818		
88-93	Chl'zd pillow lavas, a few stringers.	12819		
93-98	Chl'zd pillow lavas, a few stringers.	12820		
98-103	Chl'zd pillow lavas, a few stringers, qtz-epidote @ 101'.	12821		
103-108	Chl'zd pillow lavas, some stringers.	12822		
108-109	Chl'zd pillow lavas, three 45° to 1" qtz-carb veins.	12823		.001
109-111	Chl'zd pillow lavas, odd stringer, qtz-epidote 109' +.	12824		
111-113	Chl'zd pillow lavas, 2 - ¼" - 45° qtz-hem-pyr veins, 1¼" - 45° qtz-carb - vein in a 3" bleached zone @ 112.5'.	12825		.001

# Evergreen Explorations Ltd.

Sheet 3 of 3

PROPERTY EARLY BIRD DRILL HOLE 2

AZIMUTH 275° DATE STARTED March 25/81  
~~EATITUDE~~  
 DEPARTURE -45° DATE COMPLETED March 27/81  
 DIP -45° DRILLED BY Globe Drilling  
 ELEVATION \_\_\_\_\_ LOGGED BY R. Woolverton

*1st = 0.305 m*

Depth	Geology	Sample No	Width	Au
113-118	Chl'zd pillow lavas, fair stringers - several with hem+pyrite, 4" qtz-epidote @ 115'.	12826		.001
118-125	Chl'zd pillow lavas, some stringers.	12827		
125-126	Chl'zd pillow lavas, numerous qtz-carb-pyrite stringers.	12828		.001
126-133	Chl'zd pillow lavas, odd stringer.	12829		
133-140	Chl'zd pillow lavas, some stringers, pyr @ 135', 6" stockwork @ 138'.	12830		
140-141.5	Chl'zd pillow lavas, 4" - 45° bleached zone with pyrite and stringers @ 140', 2" - 45° qtz-carb -hem-pyrite vein @ 141.5'.	12831		.001
141.5-148	Chl'zd pillow lavas, odd stringer.	12832		
148-153	Chl'zd pillow lavas, odd stringer, qtz-epidote @ 153'.	12833		
153-158	Chl'zd pillow lavas, odd stringer, qtz-epidote @ 156'.	12834		
158-163	Chl'zd pillow lavas, qtz and epidote.	12835		

END OF HOLE.

*R. Woolverton*

# Evergreen Explorations Ltd.

Sheet 1 of 3

PROPERTY EARLY BIRD DRILL HOLE 3

AZIMUTH 293<sup>0</sup> DATE STARTED March 27/81  
~~LATITUDE~~ DEPARTURE \_\_\_\_\_ DATE COMPLETED March 29/81  
 DIP -45<sup>0</sup> DRILLED BY Globe Drilling  
 ELEVATION \_\_\_\_\_ LOGGED BY R. Woolverton

*1 ft = 0.305 m*

Depth	Geology	Sample No	Width	Au
0-2	Casing.			
2-6.5	Chl'zd pillow? lava, intense qtz-epidote.	12695		
6.5-13	Chl'zd pillow lava, some qtz-carb strs, steep (10 <sup>0</sup> ) ½" vein @ 9', hem @ 12'.	12696		
13-18	Chl'zd pillow lava, 1" - 45 <sup>0</sup> qtz-carb vein @ 14' +, 40 <sup>0</sup> one at 17.5'.	12697		
18-20	Chl'zd pillow lava, several qtz-carb-hem ½" veins.	12698		.001
20-21	Chl'zd pillow lava, 3" - 45 <sup>0</sup> compound qtz-carb-hem-pyr vein, Several hem rich stringers near 21'.	12699		.001
21-27	Chl'zd pillow lava, a few qtz-carb strs.	12700		
27-38	Chl'zd pillow lava, odd stringer.			
38-43	Chl'zd pillow lava, some qtz-carb strs., occasional pyrite, 2 steep veinlets (½") @ 40'.	12701		
43-44	Chl'zd pillow lava, 1" - 60 <sup>0</sup> qtz-carb - hem-pyr veinlet @ 43', several hem strs, 8" qtz-epidote.	12702		.001
44-49	Chl'zd pillow lava, some strs and veinlets, odd pyrite.	12703		
49-50.5	Chl'zd pillow lava, 6" - 40 <sup>0</sup> compound qtz- carb -hem-pyrite vein system.	12704		.001
50.5-56	Chl'zd pillow lava, a few strs, some qtz-epidote.	12705		
56-57	Chl'zd pillow lava, 40 <sup>0</sup> - 3" compound qtz- carb -hem-pyrite system.	12706		.001

# EVERGREEN Explorations Ltd.

Sheet 2 of 3

PROPERTY EARLY BIRD DRILL HOLE 3

AZIMUTH ~~LATITUDE~~ 293° DATE STARTED March 27/81  
 DEPARTURE \_\_\_\_\_ DATE COMPLETED March 29/81  
 DIP -45° DRILLED BY Globe Drilling  
 ELEVATION \_\_\_\_\_ LOGGED BY R. Woolverton

*1 ft = 0.305 m*

Depth	Geology	Sample No	Width	Au
57-63	Chl'zd pillow lava, a few strs, some qtz-epidote.	12707		
63-78	Chl'zd pillow lava, odd str, some qtz- epidote.			
78-83	Chl'zd pillow lava, some stringers.	12708		
83-102.5	Chl'zd pillow lava, odd stringer.			
102.5-103	Chl'zd pillow lava, 4" - 60° shear with qtz-carb -pyr stringers and dissemination.	12709		.001
103-105	Chl'zd pillow lava, odd stringer.	12710		
105-105.5	Chl'zd pillow lava, 50° fractured core, stringers of qtz-carb -pyrite.	12711		.001
105.5-106.5	Chl'zd pillow lava, stringers.	12712		
106.5-107	Chl'zd pillow lava, 60° bleached zone, numerous qtz-carb -hem-pyrite stringers.	12713		.001
107-109	Chl'zd pillow lava, some stringers.	12714		
109-110.5	Chl'zd pillow lava, steep ½" qtz-carb-pyr stringer, 4" - 45° bleached zone with qtz- carb-hem-pyrite stringers.	12715		.001
110.5-114.5	Chl'zd pillow lavas, some stringers.	12716		
114.5-150	Chl'zd pillow lavas, slickenside @ 118' - 10°.			
150-150.5	Chl'zd pillow lavas, 1" - 60° qtz-carb <sup>+</sup> -pyr	12717		.001
150.5-155.5	Chl'zd pillow lavas, odd stringer.	12718		
155.5-156	Chl'zd pillow lavas, qtz-epidote, qtz- carb stringers?	12719		.001
156-180	Chl'zd pillow lavas, odd stringer.			
180-182	Chl'zd pillow lavas, some stringers and pyrite.	12720		.001





# Evergreen Explorations Ltd.

Sheet 1 of 2

PROPERTY EARLY BIRD DRILL HOLE 4

AZIMUTH 303° DATE STARTED March 29/81  
~~LATITUDE~~  
 DEPARTURE \_\_\_\_\_ DATE COMPLETED March 30/81  
 DIP -45° DRILLED BY Globe Drilling  
 ELEVATION \_\_\_\_\_ LOGGED BY R. Woolverton

18. = 0.305 m

Depth	Geology	Sample No	Width	Au
0-6	Casing.			
6-9	Chl'zd pillow lava, a few qtz-carb str.	12669		
9-10	Chl'zd pillow lava, 45° compound qtz-carb-pyrite veins last 6" of core.	12670		.001
10-16	Chl'zd pillow lavas, some qtz-carb str + pyrite stringers.	12671		.001
16-16.5	Chl'zd pillow lavas, 2 - 45° ½" qtz-carb stringers.	12672		.001
16.5-18	Chl'zd pillow lavas, some qtz-carb str + pyrite.	12673		.003
18-19	Chl'zd pillow lavas, 7" compound qtz-carb-hem-pyrite.	12674		.006
19-23	Chl'zd pillow lavas, some qtz-carb str, occasional hem + pyrite.	12675		.001
23-28	Chl'zd pillow lavas, some qtz-carb str, occasional hem + pyrite.	12676		.001
28-33	Chl'zd pillow lavas, a few stringers.	12677		
33-36.5	Chl'zd pillow lavas, a few stringers, a steep one @ 35.5'.	12678		
36.5-37	Chl'zd pillow lavas, 1" qtz-carb-hem vein.	12679		.001
37-39	Chl'zd pillow lavas, a few stringers.	12680		
39-42	Chl'zd pillow lavas, numerous qtz-carb-hem str., 1" - 20° vein.	12681		.001
42-47	Chl'zd pillow lavas, a few stringers, 6" qtz-epidote @ 44.5'.	12682		
47-47.5	60° bleached zone, compound qtz-carb-hem-pyrite vein.	12683		.001

# Evergreen Explorations Ltd.

Sheet 2 of 2

PROPERTY EARLY BIRD DRILL HOLE 4

AZIMUTH  
~~EATITUDE~~ 303° DATE STARTED March 29/81  
 DEPARTURE \_\_\_\_\_ DATE COMPLETED March 30/81  
 DIP -45° DRILLED BY Globe Drilling  
 ELEVATION \_\_\_\_\_ LOGGED BY R. Woolverton

*1 ft = 0.305 m*

Depth	Geology	Sample No	Width	Au
47.5-51.5	Chl'zd pillow lavas, 3/4" - 45° qtz-carb-pyr @ 48.5', 1/2" @ 50.5".	12684		
51.5-52.5	45° - 6" compound qtz-carb vein.	12685		.001
52.5-58	Chl'zd pillow lavas, some str, one @ 56' with hem 35°.	12686		
58-78	Chl'zd pillow lavas, odd qtz-carb str.			
78-83	Chl'zd pillow lavas, odd qtz-carb str.	12687		
83-96	Chl'zd pillow lavas, occasional qtz-carb stringer.			
96-101.5	Chl'zd pillow lavas, odd qtz-carb str.	12688		
101.5-102.5	Complex fault - vein with hem + pyr, some qtz-epidote?	12689		.008
102.5-108	Chl'zd pillow lavas, odd qtz-carb str.	12690		
108-117.5	Chl'zd pillow lavas, occasional qtz-carb stringers.			
117.5-118	Chl'zd pillow lavas, 2" - 45° qtz-carb-hem-pyr vein.	12691		.001
118-123	Chl'zd pillow lavas, occasional qtz-carb stringer.	12692		
123-128	Chl'zd pillow lavas, odd qtz-carb. str.			
128-133	Chl'zd pillow lavas, occasional qtz-carb str, several with hem.	12693		
133-138	Chl'zd pillow lavas, odd stringer.			
138-143	Chl'zd pillow lavas, occasional qtz-carb str, several with hem.	12694		
143-179.5	Chl'zd pillow lavas, odd str, hem? @ 174'			
	END OF HOLE.			

*R. Woolverton*

# Evergreen Explorations Ltd.

Sheet 1 of 3

PROPERTY EARLY BIRD DRILL HOLE 5

AZIMUTH 303°  
~~LATITUDE~~  
 DEPARTURE \_\_\_\_\_  
 DIP -60°  
 ELEVATION \_\_\_\_\_

DATE STARTED March 30/81  
 DATE COMPLETED April 1/81  
 DRILLED BY Globe Drilling  
 LOGGED BY R. Woolverton

*1 ft = 0.305 m*

Depth	Geology	Sample No	Width	Au
0-4	Casing.			
4-13	Chl'zd pillow lava.			
13-18	Chl'zd pillow lava, some qtz-carb str	12637		.001
	‡pyrite.			
18-23	Chl'zd pillow lava, some qtz-carb str	12638		
	‡pyrite, fair qtz-epidote.			
23-29	Chl'zd pillow lavas, a few qtz-carb str,			
	considerable slickensiding and broken			
	core @ 27-29'.			
29-30	Six inch - 45° compound qtz-carb-pyr str-	12639		.001
	vein system.			
30-33.5	Chl'zd pillow lavas, steep ½" qtz-carb	12640		
	str. @ 31'.			
33.5-34	55° - 2" qtz-carb-pyr veins	12641		.001
34-38	Chl'zd pillow lavas, a few qtz-carb str.	12642		
38-68.5	Chl'zd pillow lavas, 1½" qtz-epidote @ 45'.			
68.5-69	Two inch - 30° qtz-carb-pyr vein.	12643		.001
69-81.5	Chl'zd pillow lavas, occasional qtz-carb			
	stringers.			
81.5-82	45°? - 2" qtz-carb-hem-pyr vein.	12644		.001
82-87	Chl'zd pillow lavas, fair str, steep 1"	12645		
	vein @ 84'.			
87-87.5	55° - 2" qtz-carb-hem-pyr vein.	12646		.001
87.5-91	Chl'zd pillow lavas, qtz-chl.			
91-95	Chl'zd pillow lavas, odd qtz-carb-hem str.	12647		
95-96	Chl'zd pillow lavas, steep ½" qtz-carb-hem-	12648		.001
	pyr vein.			

# Evergreen Explorations Ltd.

Sheet 2 of 3

PROPERTY EARLY BIRD DRILL HOLE 5

AZIMUTH 303° DATE STARTED March 30/81  
~~LATITUDE~~ DEPARTURE \_\_\_\_\_ DATE COMPLETED April 1/81  
 DIP -60° DRILLED BY Globe Drilling  
 ELEVATION \_\_\_\_\_ LOGGED BY R. Woolverton

*1 ft = 0.305 m*

Depth	Geology	Sample No	Width	Au
96-99	Chl'zd pillow lava, a few qtz-carb strcs.	12649		
99-116	Chl'zd pillow lava, 1' of qtz-epidote @ 100', 110', 4" @ 115'.			
116-121	Chl'zd pillow lava, fair qtz-carb-hem±pyr stringers, all differing attitudes.	12650		.001
121-122	Chl'zd pillow lava, steep ¼" qtz-carb vein, numerous qtz-carb-hem-pyrite stringers.	12651		.001
122-124	Chl'zd pillow lava, fewer stringers.	12652		
124-125	Chl'zd pillow lava, qtz-epidote, 45° compound qtz-carb-hem-pyr vein.	12653		
125-133	Chl'zd pillow lava, few stringers.	12654		
133-134	Chl'zd pillow lava, 45° 6" compound qtz- carb-hem vein.	12655		
134-135	Chl'zd pillow lava, few stringers.	12656		
135-135.5	Chl'zd pillow lava, 30° 3" compound qtz- carb vein.	12657		.001
135.5-143	Chl'zd pillow lava, some qtz-carb strcs, qtz-epidote 141-142.5'.	12658		
143-156.5	Chl'zd pillow lava, odd stringer.			
156.5-157.5	Chl'zd pillow lava, several 30° ¼" qtz- carb-hem stringers.	12659		.001
157.5-178	Chl'zd pillow lava, odd qtz-carb strcs, grey veinlet @ 165'.			
178-180	Chl'zd pillow lava, core mixed, either 1 or 2 steep qtz-carb-hem-pyr veins 1" or 2" wide.	12660		.001
180-188	Chl'zd pillow lava, some qtz-carb stringers.	12661		

# Evergreen Explorations Ltd.

Sheet 3 of 3

PROPERTY EARLY BIRD DRILL HOLE 5

AZIMUTH 303° DATE STARTED March 30/81  
~~LATITUDE~~ DEPARTURE \_\_\_\_\_ DATE COMPLETED April 1/81  
 DIP -60° DRILLED BY Globe Drilling  
 ELEVATION \_\_\_\_\_ LOGGED BY R. Woolverton

*1 ft = 0.305 m*

Depth	Geology	Sample No	Width	Au	
188-194	Chl'zd pillow lava, some qtz-carb str.	12662			
194-195.5	Chl'zd pillow lava, steep 2"(?) qtz-carb-hem-pyr vein.	12663		.001	
195.5-200	Chl'zd pillow lava, some qtz-carb str., odd pyrite.	12664			
200-212	Chl'zd pillow lava, odd qtz-carb stringers.				
212-213	Chl'zd pillow lava, 2" 45° - ½" 20° qtz-carb-hem-pyr veins.	12665		.001	
213-225	Chl'zd pillow lava, odd stringer.				
225-228	Chl'zd pillow lava, several steep qtz-carb (grey) veinlets.	12666		.001	
228-233	Chl'zd pillow lava, some qtz-carb-hem str.	12667		.001	
233-238	Chl'zd pillow lava, some qtz-carb str.	12668			
238-250	Chl'zd pillow lava, some interpillow qtz-epid-chlorite (black).				
	END OF HOLE.				

*R. Woolverton*

# Evergreen Explorations Ltd.

Sheet 1 of 2

PROPERTY EARLY BIRD DRILL HOLE 6

AZIMUTH 312<sup>0</sup> DATE STARTED April 1/81  
~~LATITUDE~~ DEPARTURE \_\_\_\_\_ DATE COMPLETED April 2/81  
 DIP -45<sup>0</sup> DRILLED BY Globe Drilling  
 ELEVATION \_\_\_\_\_ LOGGED BY R. Woolverton

*1st = 0.305 Au*

Depth	Geology	Sample No	Width	Au
0-5.5	Casing			
5.5-7	Chl'zd pillow lava.			
7-8	Chl'zd pillow lava, several 45 <sup>0</sup> qtz-carb str.	12617		
8-9	Chl'zd pillow lava.			
9-14.5	Chl'zd pillow lava, qtz-epidote, some qtz-carb.	12618		
14.5-15.5	Chl'zd pillow lava, 1" and 1/2" - 45 <sup>0</sup> qtz-carb(grey) veins.	12619		
15.5-16	Bleached (45 <sup>0</sup> ) pillow lavas, fair qtz-pyr str and veins.	12620		.006
16-17	Chl'zd pillow lavas, 45 <sup>0</sup> - 1/2" qtz-carb-pyr vein.	12621		
17-22	Chl'zd pillow lavas, some qtz-carb str. occasional pyr.	12622		
22-32.5	Chl'zd pillow lavas, qtz-epidote vein @ 24-25'.			
32.5-37	Chl'zd pillow lavas, several 1/4" - 45 <sup>0</sup> qtz-carb-hem vein and str.	12623		
37-38	45 <sup>0</sup> bleached zone, fair qtz-carb-hem-pyr veins and str.	12624		.002
38-39	Chl'zd pillow lava, 1/2" qtz-carb-hem vein, several str.	12625		
39-45	Chl'zd pillow lava, a few qtz-carb str.	12626		
45-46	45 <sup>0</sup> bleached zone, numerous qtz-carb veins and str.	12627		.001
46-48	Chl'zd pillow lavas, odd stringer.	12628		

# Evergreen Explorations Ltd.

Sheet 2 of 2

PROPERTY EARLY BIRD DRILL HOLE 6

AZIMUTH 312<sup>0</sup>  
~~EATITUDE~~  
 DEPARTURE \_\_\_\_\_  
 DIP -45<sup>0</sup>  
 ELEVATION \_\_\_\_\_

DATE STARTED April 1/81  
 DATE COMPLETED April 2/81  
 DRILLED BY Globe Drilling  
 LOGGED BY R. Woolverton

*1st = 0.305 m*

Depth	Geology	Sample No	Width	Au
48-50	Three 3" - 45 <sup>0</sup> qtz-carb-hem-pyr str-vein systems.	12629		.001
50-53	Chl'zd pillow lavas, some qtz-carb str.	12630		
53-95.5	Chl'zd pillow lavas, unmineralized except for interpillow qtz-epidote.			
95.5-96	45 <sup>0</sup> qtz-carb-hem str-vein system.	12631		.001
96-97	Chl'zd pillow lavas.	12632		
97-97.5	60 <sup>0</sup> bleached qtz-chl-pyr str-veins	12633		.001
97.5-123	Chl'zd pillow lavas, qtz-epidote between pillows.			
123-128	Chl'zd pillow lavas, some steep qtz-carb-hem str.	12634		.001
128-155	Chl'zd pillow lavas, steep slickenside @ 139', 143'.			
155-156	Qtz-epidote vein.			
156-168	Chl'zd pillow lavas.			
168-173	Chl'zd pillow lavas, odd qtz-carb-hem str.	12635		
173-183	Chl'zd pillow lavas.			
183-188	Chl'zd pillow lavas, occasional qtz-carb str.	12636		
188-217	Chl'zd pillow lavas, 45 <sup>0</sup> qtz-carb str @ 210'.			
	END OF HOLE.			

*R. Woolverton*



# Evergreen Explorations Ltd.

Sheet 1 of 2

PROPERTY EARLY BIRD DRILL HOLE 7

AZIMUTH 322°  
~~LATITUDE~~  
 DEPARTURE \_\_\_\_\_  
 DIP -45°  
 ELEVATION \_\_\_\_\_

DATE STARTED April 2/81  
 DATE COMPLETED April 3/81  
 DRILLED BY Globe Drilling  
 LOGGED BY R. Woolverton

*1 ft = 0.305 m*

Depth	Geology	Sample No	Width	Au
0-5	Casing.			
5-10	Chl'z'd pillow lavas, qtz-epidote, occasional str.			
10-15	As above, a few qtz-carb±pyr stringers.	12598		.003
15-16	Mostly compound qtz-carb-hem-pyr 45° vein, qtz-epidote.	12599		.007
16-21	Chl'z'd pillow lavas, qtz-epidote, some str but no pyrite.	12600		
21-27	Chl'z'd pillow lavas.	12601		
27-28	Compound qtz-carb vein, 55° - 6"?	12602		.002
28-33	Chl'z'd pillow lavas.			
33-37	Chl'z'd pillow lavas, occasional qtz-hem str.	12603		
37-38	Chl'z'd pillow lavas, 45° bleached compound qtz-carb-hem±pyr. str.	12604		
38-41	Chl'z'd pillow lavas, unmineralized.			
41-45	Chl'z'd pillow lavas, occasional qtz-carb-hem-pyr str.	12605		
45-47	Bleached zone, numerous compound 45° qtz-carb-hem-pyr str.	12606		.002
47-48	Chl'z'd pillow lavas.	12607		
48-49	Seven inch bleached zone with numerous qtz-carb-hem-pyr str.	12608		
49-50	Chl'z'd pillow lavas, ½" - 45° compound qtz-carb-hem-pyr str.	12609		
50-83	Chl'z'd pillow lavas, interpillow qtz-epidote.			
83-88.5	As above, some qtz-carb str.	12610		

# Evergreen Explorations Ltd.

Sheet 2 of 2

PROPERTY EARLY BIRD DRILL HOLE 7

AZIMUTH \_\_\_\_\_  
 LATITUDE 322° DATE STARTED April 2/81  
 DEPARTURE \_\_\_\_\_ DATE COMPLETED April 3/81  
 DIP -45° DRILLED BY Globe Drilling  
 ELEVATION \_\_\_\_\_ LOGGED BY R. Woolverton

*1st = 0.305 mm*

Depth	Geology	Sample No	Width	Au
88.5-89.5	Bleached volcanics, fair qtz-carb-pyr-strs -veinlets 45°?	12611		.002
89.5-91.5	Chl'zd volcanics, odd str.			
91.5-92.5	Chl'zd volcanic, numerous steep qtz-carb ±pyrite veins.	12612		
92.5-98	Chl'zd pillow lavas, some qtz-carb str.	12613		
98-124	Chl'zd pillow lava, only interpillow qtz-epidote.			
124-124.5	Chl'zd pillow lava, 2" - 45° compound qtz-carb-pyr vein.	12614		.002
124.5-136	Chl'zd pillow lavas, qtz-epidote.			
136-141	As above, some steep hem-qtz-carb str.	12615		.002
141-143	Chl'zd pillow lavas.			
143-148	As above, occasional str.; some with hem.	12616		.001
148-163	As above, only qtz-epidote.			
	END OF HOLE.			

*R. Woolverton*

# Evergreen Explorations Ltd.

Sheet 1 of 3

PROPERTY EARLY BIRD DRILL HOLE 8

AZIMUTH 270<sup>0</sup> DATE STARTED April 6/81  
~~LATITUDE~~ DEPARTURE \_\_\_\_\_ DATE COMPLETED April 8/81  
 DIP -45<sup>0</sup> DRILLED BY Globe Drilling  
 ELEVATION \_\_\_\_\_ LOGGED BY R. Woolverton

*1 ft = 0.305 m*

Depth	Geology	Sample No	Width	Au
0-8	Casing.			
8-9	Weathered tuff.			
9-11	Chl'zd tuff, one str, no pyrite.	12564		
11-12	As above, 1" - 30 <sup>0</sup> qtz-carb-hem vein.	12565		.001
12-14.5	As above, one str.	12566		
14.5-15.5	As above, 1" - 45 <sup>0</sup> qtz-carb-hem vein.	12567		.001
15.5-22.5	As above, a few str.	12568		.001
22.5-25	As above, very steep 1" qtz-carb-hem.	12569		
25-29	As above, a few str.	12570		
29-31.5	As above, steep ½" qtz-carb-hem±cpy trace pyrite vein.	12571		.001
31.5-33	As above, a few str.	12572		
33-35	As above, stockwork of qtz-carb-hem±cpy veinlets.	12573		.001
35-40	As above, moderate str, 45 <sup>0</sup> - 2" qtz- carb @ 37.5'. Tuff beds 45 <sup>0</sup> to core axis @ 39'.	12574		
40-41	Mostly qtz-carb vein, 45 <sup>0</sup> ?, jasper?	12575		.001
41-48	Chl'zd tuff, some qtz-carb-hem str, Three veins (¼-½") + 45 <sup>0</sup> .	12576		
48-53	As above, more str, still poor pyrite.	12577		.001
53-58	As above, very few str.	12578		
58-63	As above, very few str; ½"-30 <sup>0</sup> vein @ 60 <sup>0</sup> qtz-carb.	12579		
63-68	As above, very few str, ¾" - 45 <sup>0</sup> qtz- calc-hem vein @ 67'.	12580		
68-74.5	As above, a few more calcite str.	12581		
74.5-77	As above, several qtz-carb-hem-pyr veins 1" - 45 <sup>0</sup> mostly.	12582		.001

# Evergreen Explorations Ltd.

Sheet 2 of 3

PROPERTY EARLY BIRD DRILL HOLE 8

AZIMUTH 270<sup>0</sup>  
~~LATITUDE~~  
 DEPARTURE \_\_\_\_\_  
 DIP -45<sup>0</sup>  
 ELEVATION \_\_\_\_\_

DATE STARTED April 6/81  
 DATE COMPLETED April 8/81  
 DRILLED BY Globe Drilling  
 LOGGED BY R. Woolverton

*1 ft = 0.305 m*

Depth	Geology	Sample No	Width	Au
77-93	Chl'zd tuff, occasional stringer.			
93-94	As above, steep ¼" qtz-carb-pyr. str.	12583		.001
94-102	As above, occasional str.			
102-104	As above, more qtz-carb-hem str.	12584		
104-118	As above, a few carb str.			
118-125	Chl'zd tuff, a few qtz-carb str, pyrite increases.	12585		.001
125-126	As above, 25 <sup>0</sup> - 2-3" compound vein (fault) qtz-carb-hem.	12586		.001
126-133	As above, fair qtz-carb-hem±pyr str.	12587		.001
133-138	As above, fewer str.	12588		
138-142	As above, fewer str and minor hem.	12589		.001
142-143.5	As above, 30 <sup>0</sup> - 3" compound fault-vein-qtz-carb hem, epidote.	12590		.001
143.5-148	As above, some str. but minor hem.	12591		
148-158	As above, some str.			
158-163	As above, fair str, minor hem.	12592		.001
163-169.5	As above, fair str, minor hem.	12593		
169.5-170.5	Six inch bleached zone, 60 <sup>0</sup> with qtz-carb-hem-pyr str.	12594		
170.5-181	Chl'zd pillow lavas?, one str. with minor pyrite.			
181-182	Bleached qtz-pyr-epidote zone, numerous qtz-carb-hem str.	12595		.001
182-190	Chl'zd pillow lavas, qtz-chlorite.			
190-193	Chl'zd pillow lavas, steep ½" veins (2) @190', qtz-carb-hem str @ 192'.	12596		.001



# Evergreen Explorations Ltd.

Sheet 1 of 2

PROPERTY EARLY BIRD DRILL HOLE 9

AZIMUTH 090<sup>0</sup>  
~~LATITUDE~~  
 DEPARTURE \_\_\_\_\_ DATE STARTED April 8/81  
 DIP -60<sup>0</sup> DATE COMPLETED April 9/81  
 ELEVATION \_\_\_\_\_ DRILLED BY Globe Drilling  
 LOGGED BY R. Woolverton

*1 ft = 0.305m*

Depth	Geology	Sample No	Width	Au
0-8	Casing.			
8-14.5	Chl <sup>1</sup> zd tuff? - a few qtz-carb-spec hem±pyr strs. // core, one is ¼" veinlet.	12529		.001
14.5-16	As above but ½" qtz-carb-hem-pyr vein (90 <sup>0</sup> ) and more str.	12530		.001
16-21	As above, cpy @ 19', a few steep str, spec.	12531		
21-26	As above, 2" 45 <sup>0</sup> compound vein @ 26', not much pyrite, still fair specularite.	12532		.001
26-31	As above, still very little pyrite.	12533		
31-40	As above, odd str, still poor pyrite.	12534		
40-42	As above, 2-½" steep carb str, heavy hem (cinnabar?)	12535		.002
42-44.5	As above, a few str.	12536		
44.5-45.5	As above, 2-45 <sup>0</sup> ½" qtz-carb-hem veins.	12537		.002
45.5-53	As above, several 30 <sup>0</sup> qtz-carb-hem str, as well as a few steep str.	12538		
53-58	As above, ¼" - 45 <sup>0</sup> str @ 57' with hem.	12539		
58-63	As above, ½" - 45 <sup>0</sup> str @ 60' with hem; continuing weak pyrite.	12540		
63-66.5	As above, some purplish tuff, a couple of strs.	12541		
66.5-67.5	As above, 3" - 30 <sup>0</sup> qtz-carb-hem vein; cpy	12542		.001
67.5-73	As above, tuff attitude 70 <sup>0</sup> to core axis.	12543		
73-78	As above, several steep qtz-carb-hem str.	12544		
78-83	As above, only a couple of str.	12545		
83-87	As above, marked increase in str and pyr, ½" - 45 <sup>0</sup> vein @ 86', 1" - 30 <sup>0</sup> fault-vein @ 87.5'.	12546		.001

# Evergreen Explorations Ltd.

Sheet 2 of 2

PROPERTY EARLY BIRD DRILL HOLE 9

AZIMUTH \_\_\_\_\_  
~~LATITUDE~~ 090° DATE STARTED April 8/81  
 DEPARTURE \_\_\_\_\_ DATE COMPLETED April 9/81  
 DIP -60° DRILLED BY Globe Drilling  
 ELEVATION \_\_\_\_\_ LOGGED BY R. Woolverton

*1st = 0.305m*

W

Depth	Geology	Sample No	Width	Au
87-88	Chl'zd tuff? 1" - 30° fault vein qtz-carb-hem-pyr-cpy.	12547		.001
88-90	As above, increased str.	12548		
90-91.5	Qtz-carb-hem-pyr-cpy vein, probably steep but not necessarily, at least 2" wide.	12549		.001
91.5-96	As above, moderate str, some epidote with str but less pyr, ½" - 30° qtz-epidote vein @ 94'.	12550		.001
96-101	As above, less str, poor pyrite.	12551		
101-103	Bleached (carb?) tuff, more str, marked increase in pyrite.	12552		.001
103-107	Mostly a qtz-carb (intergrowth) vein 10° to core axis, very little pyrite, pockets of qtz-crystals.	12553		.007
107-111.5	Bleached tuff, numerous str and narrow veins, good pyrite.	12554		.003
111.5-118	Tuff, odd str, almost no pyrite.	12555		
118-123	As above, more str. qtz-carb-hem-pyr.	12556		.001
123-128	Tuff, few str.	12557		
128-133	Tuff, few str.	12558		
133-137	Tuff, few str.	12559		
137-139	Slightly bleached (carb) tuff, a 1" - 30° qtz-carb-pyr-cpy-galena-hem vein, 2" - 45° vein similar to first.	12560		.003
139-141	Bleached tuff, fair str, poor pyrite.	12561		
141-142	As above, 30° - 2" qtz-carb-hem-pyr. vein	12562		.001
142-147?	Tuff, less str, and poor pyrite.	12563		
	Looks like 3' of core missing.			
	END OF HOLE.			

*R. Woolverton*

# Evergreen Explorations Ltd.

Sheet 1 of 3

PROPERTY EARLY BIRD DRILL HOLE 10

AZIMUTH 270°  
~~LATITUDE~~  
 DEPARTURE \_\_\_\_\_  
 DIP -45°  
 ELEVATION \_\_\_\_\_

DATE STARTED April 10/81  
 DATE COMPLETED April 11/81  
 DRILLED BY Globe Drilling  
 LOGGED BY R. Woolverton

*1 ft = 0.305 m*

Depth	Geology	Sample No	Width	Au
0 - 8	Casing.	12501	13-18	
8 - 43	Volcanic fragmental, including tuff or other sed.; all chloritized and filled with silica.; fragments may be up to several inches although variable alteration may be responsible for patch texture; good recovery - competent rock; occasional hairline stringers of quartz-carbonate with some pyrite, 60° stringer @ 14', 20° str @ 20'3", 55° str @ 32'4" of qtz-carb, ¼" str @ 36'6" - 45° qtz-carb, one or two ½" qtz-carb 45° ? veins @ 39', rock becomes less competent @ 35'.	12836 12502 12503 12504 12505 12506	23-28 28-33 33-36 36-38 38-40 40-43	.001   .001 .001
43-48	About 2" of core recovered, two gouge sections washed away, more hairline str of qtz-carb-pyr, chloritized sed (tuff?) soft and fine-grained, some str with hem.	12507	43-48	
48-53	Chloritized sed (tuff?), more carb-qtz-pyr str.	12508		.001
53-58	As above, 2" - 45° compound vein @ 55'.	12509		.001
58-63	As above, still numerous carb-qtz-pyr str	12510		.001
63-68	As above, recrystallized structures, fewer stringers.	12511		.001
68-73	As above, but more stringers, 2- ½" 20° (steep) "grey" veins @ 71'.	12512		.001
73-78	As above but fewer str, ½" veins @ 74' and 76'.	12513		.001



# Evergreen Explorations Ltd.

Sheet 2 of 3

PROPERTY EARLY BIRD DRILL HOLE 10

AZIMUTH 270° DATE STARTED April 10/81  
~~LATITUDE~~ DEPARTURE \_\_\_\_\_ DATE COMPLETED April 11/81  
 DIP -45° DRILLED BY Globe Drilling  
 ELEVATION \_\_\_\_\_ LOGGED BY R. Woolverton

*1 ft = 0.305m*

Depth	Geology	Sample No	Width	Au
78-82	Chloritized sediments (tuff?), good stringers @ 79-82', steep 1" vein @ 81'.	12514		.001
82-88	As above, less stringers, veinlets @ 86' and 87' (90°?).	12515		.001
88-93	As above, 1" 90° vein @ 91'.	12516		.001
93-98	As above, a few more stringers, 45° ½" vein @ 97'.	12517		.001
98-103	As above, mod strs, odd cpy, lms? @ 101'.	12518		.001
103-108	As above to 106'6", then chl'zd lms, fair fracturing stringers and pyrite.	12519		.001
108-113	Chl'zd lms (45° contact above), steep (20°) ½" vein @ 112', fair strs, more pyr but may be primary, good recovery. Steep 20° ½" stringers qtz-carb-pyr @ 112'.	12520		.001
113-118	As above.	12521		.001
118-123	As above.	12522		.001
123-128	As above except some limestone breccia towards 128'.	12523		.001
128-133	Mostly chl'zd lms, some breccia @ 128', tuff @ 129'.	12524		.004
133-138	As above, ½" 60° vein @ 134' (calcite)-pyr, fair stringers, also several calcite-pyr-specularite veinlets @ 137'.	12525		.002
138-143	Mostly lms breccia, chl'zd, 30° ½" qtz-pyr-spec vein @ 139', fair stringers.	12526		.001
143-148	Chl'zd tuff, fair strs and pyrite, qtz-calcite-spec-pyr stockwork @ 148-149'.	12527		.001

# Evergreen Explorations Ltd.

Sheet 3 of 3

PROPERTY EARLY BIRD DRILL HOLE 10

AZIMUTH 270° DATE STARTED April 10/81  
~~LATITUDE~~  
DEPARTURE \_\_\_\_\_ DATE COMPLETED April 11/81  
DIP -45° DRILLED BY Globe Drilling  
ELEVATION \_\_\_\_\_ LOGGED BY R. Woolverton

*1 ft = 0.305 m*

Depth	Geology	Sample No	Width	Au
148-152	Chloritized tuff, fair qtz-carb stringers.	12528		.001
END OF HOLE.				

*R. Woolverton*