

CORONATION HILL DRILLING LOGS, 1985

CR1985-0310

V 8

DDH
CH/105-109

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Continued :
Completed :
Final depth :

Co-ords North :
Dry drilled :
Casing depth :

Depth :
Declination :
Azimuth :

Core size from to
from to
from to
from to

Sheet 4 A of 7 sheets
Significant intersections
from m to m %
from m to m %

Station Hill IV CH 105

GEOLOGICAL

Logged by :
Date :

Metres

Rock

Contacts Struct.

PERVASIVE ALTERATION (weak mod strong)

VEINLET ALTERATION (weak mod strong)

PERVASIVE MINERALIZATION (estimated volume percent)

VEINLET MINERALISATION (estimated volume percent)

COMMENTS

FRACTURES

from to

Fracture description (filling - thickness - ratios)

No. per metre

134
136
138
140
142
144
146
148
150
152
154
156
158
160
162
164
166
168
170
172
174

SHALE
230m
to
1453m

155
152
150
148
146
144
142
140
138
136
134
132
130
128
126
124
122
120
118
116
114
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34
32
30
28
26
24
22
20
18
16
14
12
10
8
6
4
2
0

137-70 - m "TYPE C"
SED BXA CLASTS CHLORITIC
(VOLCANIC CHL/SOL ACT MOSTLY
PROGRADE BXA) CLASTS ANGLAR
- SUBROUND PEBBLE SIZE
WITH RARE BOUNDER MOSTLY
VOLCS ± AMYGDALUS (CaO₃ FINE)
VENDS, KIZ, SSEST MATRIX
GLEY COARSE LITHIC - OPEN
SAND - ZONE OF CO₂
POST-DATUM BXA - OVERALL
GREEN APPROPRIATE
PY COMMON AS FINE COATS
~ 10%
~ 160 m CO₂ VEINING POST
BXA EROSIONIVE + ZONE OF
HE ACT MOSTLY PRE BXA - MATRIX
GREEN / GREEN LITHIC SLIGHTLY
CARBONATED. AV SIZE CLASTS
INCREASING WITH COMMON
COBBLE - BOUNDER WITH
INTERMEDIATE MATRIX SUPPORTED
ZONE WITH HIGHLY ANGULAR
GRANUL - PEBBLE SIZE CLASTS.
N.B. 1157 - 182 m AMYGDALUS
RARE DOMINANT CLAST TYPE IS
+ GREENISH LITHIC (RARELY RED H₂O)
VOLUME - POSSIBLE A.F.M.
GRAINED BASIC INTRUSIVE
Abundant Green in Gneiss

137-70 145-70 45% SUBPL UL FRACS 2
145-70 159-70 25% 100-1000 SH⁺ + SS
SUBPL = CO₂ COATED
SOME BROKEN GRANS
159-70 167-70 60% 100 UL FRACS + Py 15
167-70 170-70 40% SUBPL-1000 SH⁺ + SS
COATED CHL/SOL 6
170-70 175-70 60% 100 UL FRACS 5
175-70 178-70 30% 100 SH⁺ + SS COATED
CHL/SOL 2
178-70 180-70 60% 100 UL FRACS 3
180-70 185-70 60% 100 UL FRACS + 100m
45% SH⁺ + SS 3

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Commenced :		Co-ords East :	Depth	Declination	Azimuth	Burr Core Location HILL IV. CH DDH 106	
Completed :		Co-ords North :				Core size	from to
Final depth :		Dry drilled :					Sheet 2A of 7 sheets
		Casing depth :					Significant intersections
GEOLOGICAL			Logged by	Date		from to %	
						from to %	
						from to %	
						from to %	

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[illegible]

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Commenced : 10-5-88		Co-ords North :		Depth		Declination		Azimuth		Borehole ID : CH 00H 107																																																											
Completed : 30-5-88		Dry drilled :								Core size H ₂ O from 2.00 to 518.00 m																																																											
Final depth : 518.00 m		Casing depth :								Sheet 1A of 12 sheets																																																											
GEOLOGICAL										Logged by JCR / LFM		Date 5/6-88																																																									
PERSIVASE ALTERATION (weak mod strong)										VEINLET ALTERATION (weak mod strong)										PERSIVASE MINERALIZATION (estimated volume percent)										VEINLET MINERALISATION (estimated volume percent)										COMMENTS										FRACTURES																			
k spgr mica I mica II qtz. ser. clay chl. epid. mag.										k spgr mica I mica II qtz. ser. clay chl. epid. mag.										goeth. hem. Cu al. Cc Cpy born. py. marc. Mo S ₂ sphal. glna										goeth. hem. Cu al. Cc Cpy born. py. marc. Mo S ₂ sphal. glna										from to %										Fracture description (filling - thickness - ratios)										No. per metre									
open hole																														Open Hole 0.00-2.07m																																							
2.00m																														2.00 - 9.55 QTS										2.00 9.55 30°										Fract. along bedding planes (horizontal +)										215									
6.20m																														9.55 - 12.45 QFP										9.55 14.30 60-80										Tilted FCD + clay coatings										6									
6.20m																														12.45 - 13.07 QTS DIORITE										12.45 14.30 30-40										Planes polished + oriented										20									
9.55m																														13.07 - 13.87 QFP										13.07 14.30 30-40										Planes polished + oriented										20									
13.07m																														13.87 - 26.05 QTS DIORITE										13.87 26.05 40-50										Sub-planar to planar										4									
13.87m																														26.05 - 44.30 QFP										26.05 44.30 40-50										Sub-planar to planar										4									
26.05m																														44.30 - 27.30 Flow banding 70°										44.30 27.30 70-80										Flow banding 70°										2									
27.30m																														27.30 - 31.45 Ser + clay										27.30 31.45 30-40										Ser + clay										230									
31.45m																														31.45 - 44.30 Sub-planar to planar										31.45 44.30 20-30										Sub-planar to planar										0.5									
44.30m																														44.30 - 51.05 Ser + clay										44.30 51.05 30-40										Ser + clay										230									
51.05m																														51.05 - 51.80 Ser + clay										51.05 51.80 30-40										Ser + clay										230									
51.80m																														51.80 - 51.80 Ser + clay										51.80 51.80 30-40										Ser + clay										230									

Commenced : Co-ords North : Depth : Declination : Azimuth : B.T.P - CORRELATION HILL IV CH DDH 101

Completed : Dry drilled : Core size from to Sheet 4A of 12 sheets

Final depth : Casing depth : Significant intersections from m to m %

GEOLOGICAL Logged by Date

PERVASIVE ALTERATION (weak mod strong) VEINLET ALTERATION (weak mod strong) PERVASIVE MINERALIZATION (estimated volume percent) VEINLET MINERALISATION (estimated volume percent) COMMENTS FRACTURES

Metres Rock Contacts Struct. k spar mica I mica II qtz. ser. clay chl. epid. mag. k spar mica I mica II qtz. ser. clay chl. epid. mag. goeth. hem. Cu ox. Cc Cpy born. py. marc. Mo Se sphal. glna goeth. hem. Cu ox. Cc Cpy born. py. marc. Mo Se sphal. glna

134 130 126 122 118 114 110 106 102 98 94 90 86 82 78 74 70 66 62 58 54 50 46 42 38 34 30 26 22 18 14 10 6 2

137.86 - 138.16 GTS Brecciated lapilli tuff Possibly a Xenolith

138.16 - 150.70 QFP Pink to reddish brown Feldspar alt'd to ser with fine gr. py selectively concentrated on & around Feldspar phenocr

156.70 - 157.95 GTS Massive coarse grained lapilli tuff

157.95 - 177.90 QFP Pale pink to pale green. Chls pervasively alt'd - ser = fine lamination py overgrown on the phenocrs

166.00 - 166.10 - brecciated

169.70 - 169.80 Intrase micro-fracturing to ser + clay

177.90

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CORE RECOVERY				ROCK		
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[illegible]

[illegible]

[illegible]

[illegible]

OPEN Hole 1.00m

[illegible]

CORE RECOVERY				ROCK			ESTIMATES							ANALYSES																			
metres	Actual length (m)	Recovered length (m)	Core recovery%	Weathering	Strength	Specific Gravity	VOLUME %						SAMPLE N°	Au p.p.m.	Ag p.p.m.	Cu p.p.m.																	

