



SURFACE DIAMOND DRILL HOLES OF E.Z. COY. OF AUST. LTD.(Cont'd.)

Object : To test for mineralization adjacent to the massive pyroclastic boundary where it is believed to have been faulted.

Description of Core :

0'	- 6'	Sands.
6'	- 90'	Boulders and gravels.
90'	- 265'	Sands and clays.
265'	- 268'	Boulders.
268'		Sands.

Clinostat Survey

<u>Feet</u>	<u>Dir'n.</u>	<u>Angle</u>
0	90°	-65°
100		-62.5°
200		-58.4°

Result.

The hole penetrated only unconsolidated sediments and a few bands of boulders, and had to be abandoned before bedrock was reached.

SURFACE DIAMOND DRILL HOLES OF FARRELL MINING CO. LTD.

No. 1 - S

Co-ordinate 5040'S
Position : 675'W

Reduced
Level : 886'

Direction : 107° magnetic

Angle : -41°

Length : 231'6"

Object : To cut Dutton's Lode 100' below Dutton's tunnel level.

Description of Core

0	- 32'	Grey siliceous felsite.
32'	- 53½'	Felsites
53½'	- 102'	"
102'	- 224'	Grey slates. At 224' 5" seam of quartz.
224'5"	- 231½'	Dark slates.

Assay

Lode cut at 179' and 15" of core recovered assayed 28% Pb and 25 ozs Ag/ton.

Clinostat Survey

158'	-34½°
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N.B. These holes were logged by the driller and massive pyroclastic and tuff are both recorded as felsite.

No. 2-S
Co-ordinate 5040'S
Position : 675'W
Reduced
Level : 886'
Direction : 90° magnetic
Angle : 41°
Length : 200'
Object : As 1-S

Description of Core

0' - 5' Felsites
 5' - 12½' Quartz with a little PbS
 12½' - 104' Felsites.
 104' - 174' Grey slates.
 174' - 180' Lode.
 180' - 200' Dark slates.

Assay

Lode assayed 5.3% Pb & 6.5 oz. Ag per ton.

Clinostat Survey

104' -38½°
 200' -34½°

No. : 3-S
Co-ordinate 5010'S
Position : 670'W

Reduced
Level : 891'
Direction : 107° magnetic
Angle : -60°
Length : 308'
Object : To test quartz band in No. 2 and Dutton's Lodes
 200' below tunnel.

Description of Core

0' - 49' Felsites.
 49' - 59(?) Quartz seam (no values)
 59(?) - 182' Felsites.
 182' - 238' Grey slates.
 238' - 240' Lode.
 240' - 308' Dark slates.

SURFACE DIAMOND DRILL HOLES OF FARRELL MINING CO. LTD. (Cont'd.)Assay

Lode assayed at 5.8% Pb

Clinostat Survey

200' $-32\frac{1}{2}^{\circ}$

Plotting contacts in the above 3 holes gave the felsites a dip of 71° W.

No. : 4-S

Co-ordinate 4810'S

Position : 585'W

Reduced
Level : 925'

Direction : 105° magnetic.

Angle : -55°

Length : 213'

Object : To cut lode 100' below Dutton's Tunnel level

Description of Core :

0' - 95'	Felsites.
95' - 98'	"
98' - 170'	Slate.
170' - (170(+)?)	Lode (No values)
? - 213'	Dark slates.

Clinostat Survey

148' -43°

No. : 5-S

Co-ordinate 4380'S

Position : 440'W

Reduced
Level : 1038'

Direction : 110°

Angle : -55°

Length : $173\frac{1}{2}'$

Object : To cut lode at R.L.901'

Description of core

0 - 121'	Felsites, but contact at 121' was not distinct.
121' - 152'	Slates.
152' - ?	Lode.
? - 170'	Slates
170' - ?	Lode - very broken.

SURFACE DIAMOND DRILL HOLES OF FARRELL MINING CO. LTD. (Cont'd.)Assay :

No payable values.

Clinostat Survey :

100' -38°

No. 6-S
Co-ordinate 4100'S
Position : 370'W
Reduced
Level : 1094'
Direction : 106° magnetic.
Angle : -60°
Length : 307'

Description of Core :

220' Main Lode
 - very little core in lode channel
 - no payable values.
 268' Scattered iron carbonate and galena but
 nothing payable.

Clinostat Survey

200' -45°

No. 7-S
Co-ordinate 4000'S
Position : 300'W
Reduced
Level : 1111'
Direction : 106° magnetic
Angle : -60°
Length : 308½'

Description of Core :

0' - 114' Felsite.
 114' - 249' Slates.
 249' - ? Lode channel - no ore.
 ? - 276'
 276' - 279' Eastern Lode - a little galena but not in
 payable quantities.

Clinostat Survey

200' -38°

SURFACE DIAMOND DRILL HOLES OF FARRELL MINING CO. LTD. (Cont'd.)

No. 8-S
Co-ordinate 3940'S
Position : 290'W
Reduced
Level : 1117.5'
Angle : -65°
Direction : 106° magnetic
Length : 338½'

Description of Core

0' - 114' Felsites.
 114' - ? Slates.
 235' A little galena
 250' " " "
 270' " " "
 Nothing payable.

Clinostat Survey

100' -56°
 200' -40°

No. : 9-S
Co-ordinate 3890'S
Position : 290'W
Reduced
Level : 1127'
Direction : 106° magnetic
Angle : -65°
Length : 313½'

Description of Core

0' - 60' Felsites.
 60' - 141' "
 141' Slates.
 263' - 268' Splashes of PbS but no payable ore.
 313½' Slates.

Clinostat Survey

100' -52½°
 200' -42½°

SURFACE DIAMOND DRILL HOLES OF FARRELL MINING CO. LTD. (Cont'd.)

No. : 10-S
Co-ordinate 3750'S
Position : 255'W
Reduced
Level : 1146'
Direction: 106° magnetic
Angle : -65°
Length : 348½'

Description of Core

0' - 130' Grey Slates.
 130' - 215' Felsites.
 215' - ? Slates.
 At 246' } Splashes of PbS
 259' }
 308' - 321' Felsite.
 321' - 323' Grey Slate.
 323' - 348½' Black Slate.
 At 317' } Splashes of PbS
 323' }
 328' } - but nothing payable.

Clinostat Survey

100' -50½°
 200' -35°

No. : 11-S
Co-ordinate 3350'S
Position : 190'W
Reduced
Level : 1182'
Direction : 109° magnetic.
Angle : -69°
Length : 315'

Description of Core

0' - 90' Grey slate.
 90' - 172' Felsite.
 172' - 315' Slate.
 - 315' Grey Slate.

Assay

No values.

Survey

100' -55°
 200' -36°

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SURFACE DIAMOND DRILL HOLES OF FARRELL MINING CO. LTD. (Cont'd.)

No. : 12-S
Co-ordinate 3115'S
Position : 75'W
Reduced
Level : 1222'
Direction : 107° magnetic
Angle : -65°
Length : 285'

Description of Core

0' - 76' Felsites.
 76' - Slates.
 Contact at 76' was broken and had a little ore.
 186' - Slates.
 195' - 206' Lode channel of quartz with splashes of PbS
 213 }
 250 } A little non-payable ore
 257 } 257' was quartz lode.
 - 285' Black Slates.

Clinostat Survey

100' -48 $\frac{1}{2}$ °
 202' -37°

No. : 13-S
Co-ordinate 3790'S
Position : 00'W
Reduced
Level : 1236'
Direction : 90° magnetic
Angle : -67°
Length : 334'
Object : To test small seam of ore showing in old
 Mt. Farrell workings.

Description of Core

0' - 70' Slates.
 70' - 158' Felsites.
 158' - 207' Slates.
 207' - 209' Felsites.
 209' - 309' Slates.
 309' - 320' "
 320' Lode - No ore
 broken ground from 320'-331'
 - 334'

Clinostat Survey

100' -51 $\frac{1}{2}$ °
 200' -48 $\frac{1}{2}$ °

SURFACE DIAMOND DRILL HOLES OF MINES DEPARTMENT.

No. : 1-N

Co-ordinate 1770'N
Position : 600'E

No. : 2-N

Co-ordinate 2050'N
Position : 735'E

No. 3-N

Co-ordinate 2250'N
Position : 840'E

No. 4-N

Co-ordinate 2525'N
Position : 570'E

No further information available on Mines Department
Drill Holes.

*Apparently information
available at Dept of Mines
records not seen by Durr.
JP*