

OGS

006

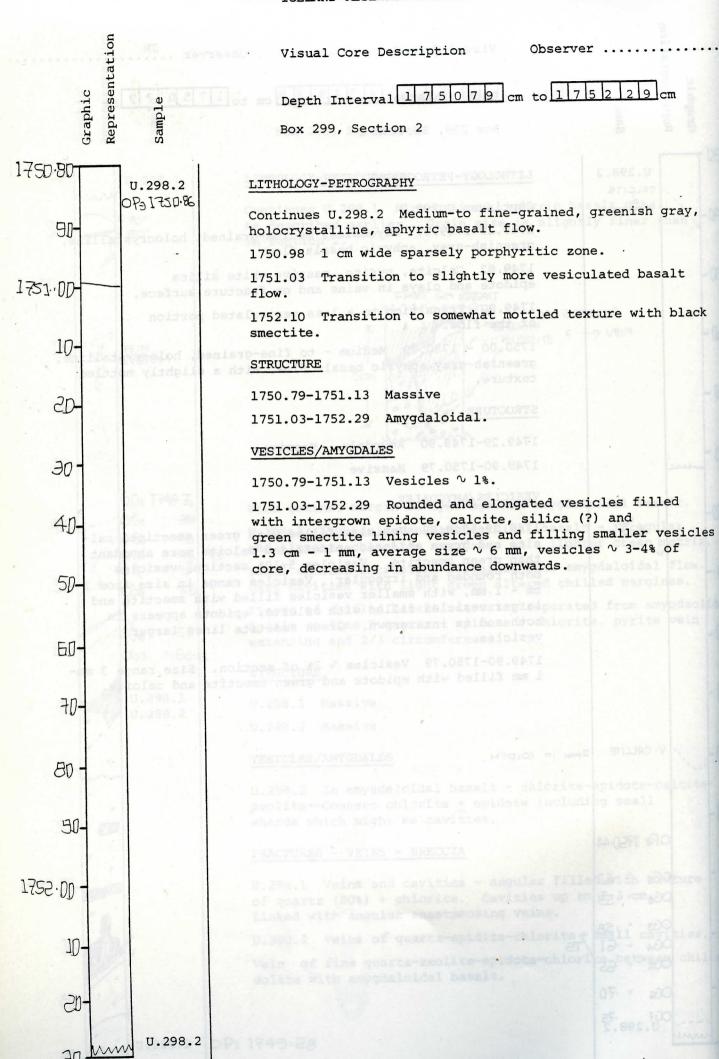
OG7

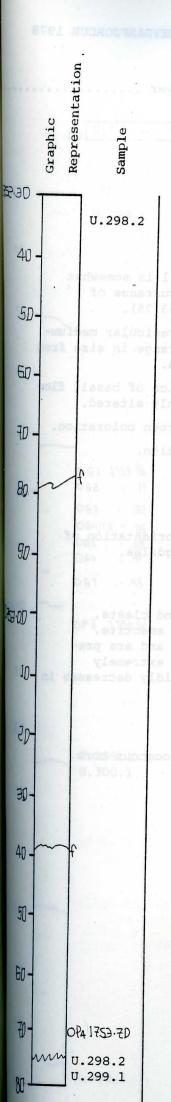
70.

" .65

" 70

.75





Observer

Depth Interval 1 7 5 2 2 9 cm to 1 7 5 3 7 5

Box 299, Section 3

LITHOLOGY-PETROGRAPHY

Continues U.298.2 Medium-grained, holocrystalline, greenish, gray, basalt flow, mottled texture becoming better developed downward in the section towards the base of the flow.

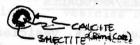
1753.67 Transition to more vesiculated base of flow. U.299.1 Contact occurs in the break between the two sections.

STRUCTURE

1752.29-1753.58 Massive, possibly a faint flow banding. 1753.67 Oriented vesicles.

VESICLES/AMYGDALES

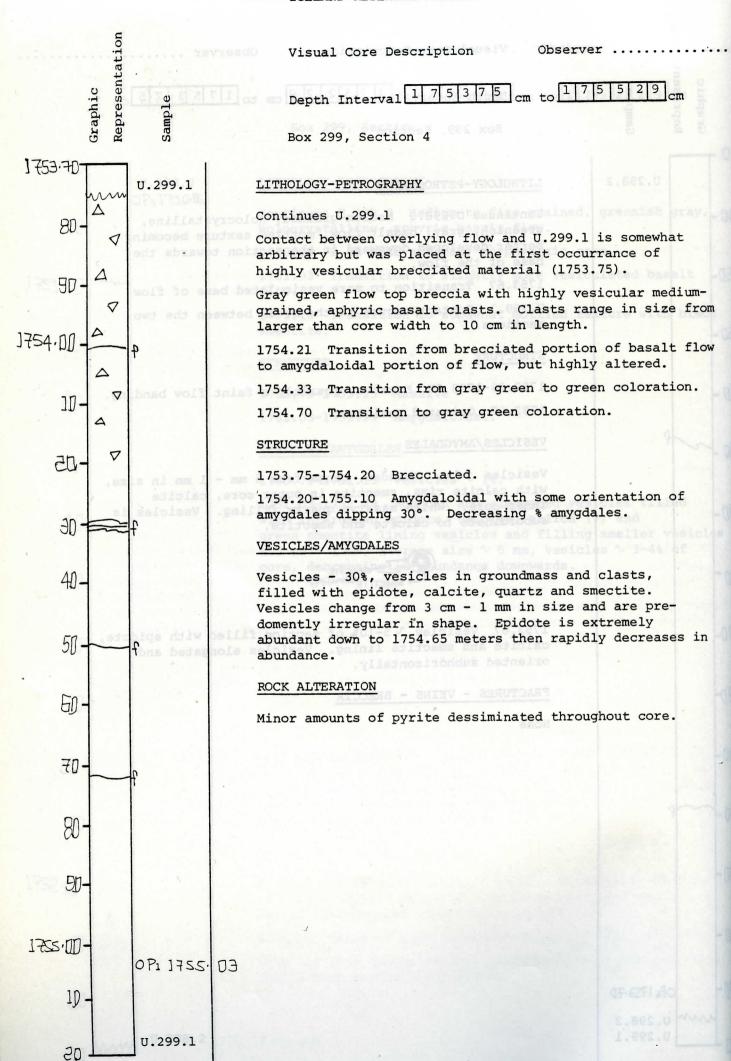
Vesicles < 1%. Rounded, range from 5 mm - 1 mm in size, with calcite rims, smectite in outer core, calcite inner core. White massive quartz filling. Vesicles is subordinate to calcite and smectite.

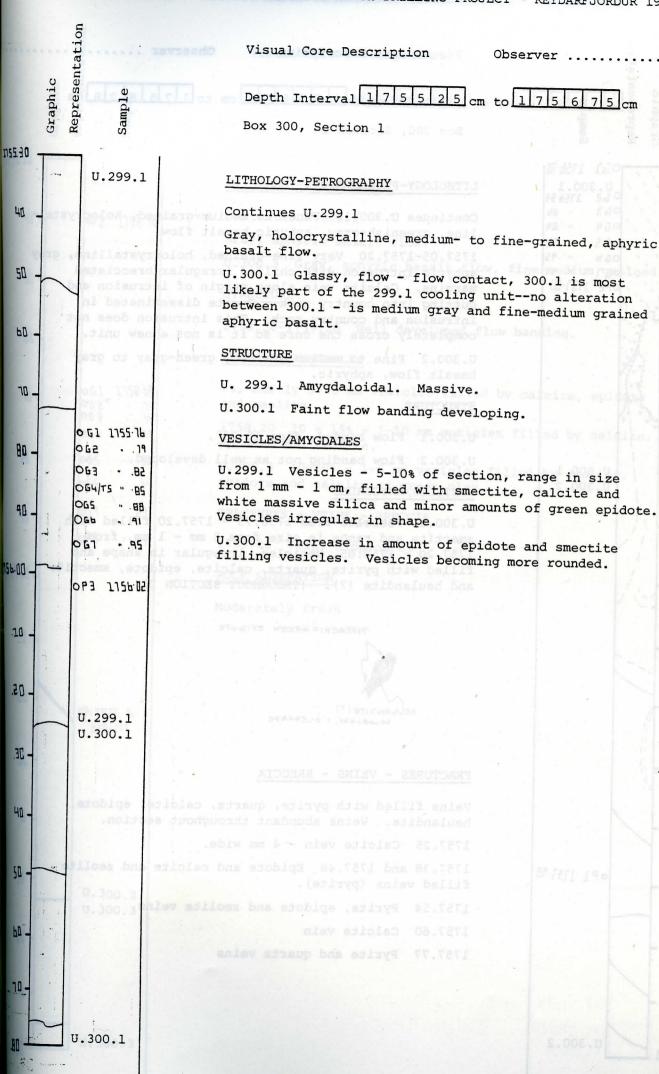


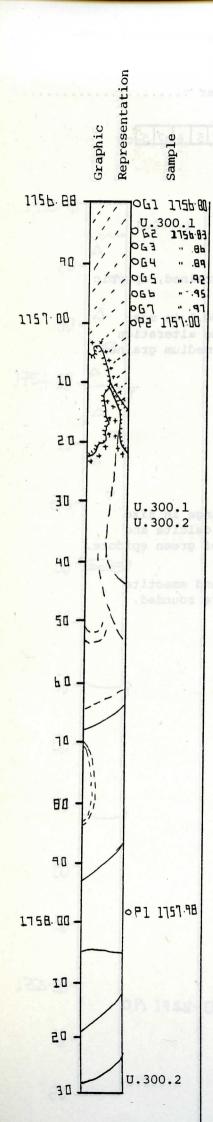
1753.67 Vesicles $^{\circ}$ 5-10% of section filled with epidote, calcite and smectite lining. Vesicles elongated and oriented subhorizontally.

FRACTURES - VEINS - BRECCIA

None







Observer

Depth Interval 1 7 5 6 7 5 cm to 1 7 5 8 2 8 cm

Box 300, Section 2

LITHOLOGY-PETROGRAPHY

Continues U.300.1. Fine- to medium-grained, holocrystalline, greenish-gray, aphyric basalt flow.

1757.05-1757.20 Very fine-grained, holocrystalline, gray aphyric intrusion with chilled irregular brecciated margins. Calcite vein along margin of intrusion and cutting into country rock. Pyrite disseminated in intrusion and country rock. This intrusion does not completely cross the core so it is not a new unit.

U.300.2 Fine to medium grained, green-gray to gray basalt flow, aphyric.

STRUCTURE

U.300.1 Flow banded, dips 15-20°.

U.300.2 Flow banding not as well developed.

VESICLES/AMYGDALES

U.300.1 Vesicles from 1756.75 - 1757.20 filled with smectite and range in size from 3 mm - 1 mm, from 1757.20 - 1758.05, vesicles, irregular in shape and filled with pyrite, quartz, calcite, epidote, smectite and heulandite (?). (TROUGHOUT SECTION 2).

PISTACHIO GREEN EPIDOTE



FRACTURES - VEINS - BRECCIA

Veins filled with pyrite, quartz, calcite, epidote, heulandite. Veins abundant throughout section.

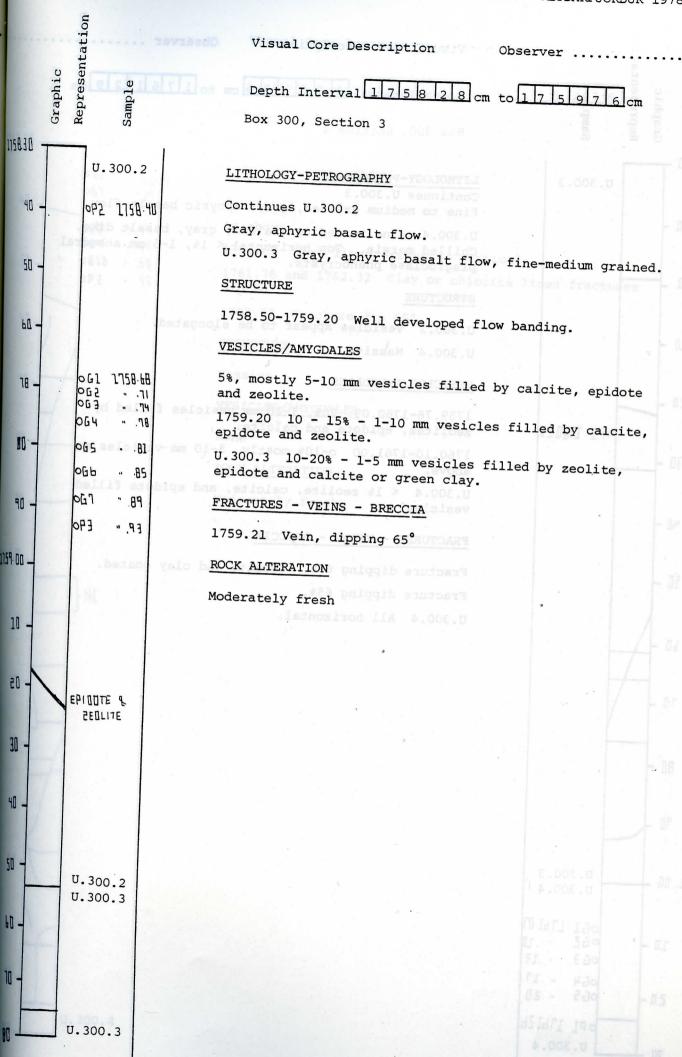
1757.25 Calcite vein - 4 mm wide.

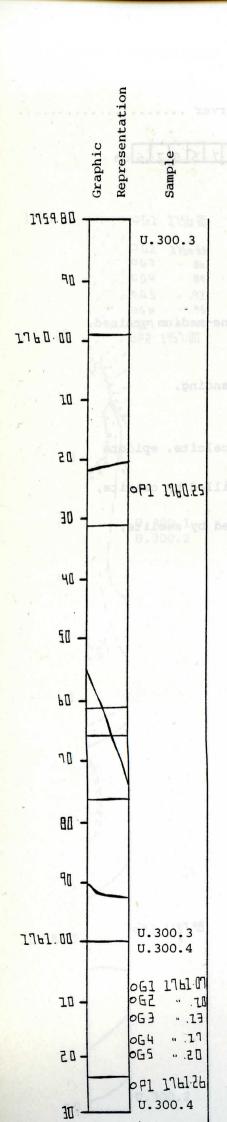
1757.38 and 1757.48 Epidote and calcite and zeolite filled veins (pyrite).

1757.54 Pyrite, epidote and zeolite veins.

1757.60 Calcite vein

1757.77 Pyrite and quartz veins





Observer

E.00E.U.

Depth Interval 1 7 5 9 7 6 cm to 1 7 6 1 2 9 cm

Box 300, Section 4

LITHOLOGY-PETROGRAPHY

Continues U.300.3

Fine to medium grained, gray, aphyric basalt flow.

U.300.4 Fine to medium grained, gray, basalt dike. Chilled margin. Top horizontal < 1%, 1-5 mm anhedral plagioclase phenocrysts.

STRUCTURE

U.300.3 Vesicles appear to be elongated.

U.300.4 Massive

VESICLES/AMYGDALES

1759.76-1760.09 20%, 1-10 mm vesicles filled by zeolites, epidote and calcite.

1760.10-1761.00 o-10% mostly, 5-10 mm vesicles as above.

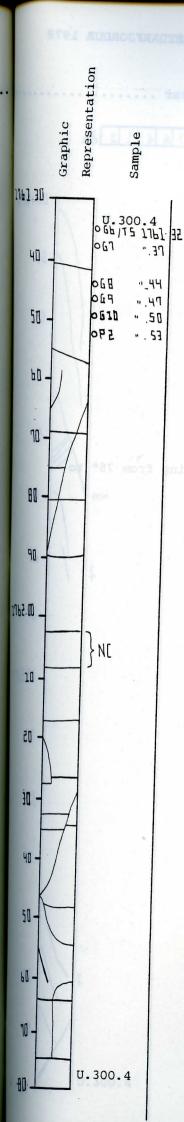
U.300.4 < 1% zeolite, calcite, and epidote filled vesicles.

FRACTURES - VEINS - BRECCIA

Fracture dipping 65%. Zeolite and clay coated.

Fracture dipping 65%.

U.300.4 All horizontal.



Observer

Depth Interval 1 7 6 1 2 9 cm to 1 7 6 2 7 6 cm

Box 301, Section 1

LITHOLOGY-PETROGRAPHY

Continues U.300.4

As above.

1761.62 Clay lined fracture, vertical.

1761.76 and 1762.32 Clay or chlorite lined fractures dip 80°.

1762.58 Fracture dip 65°.

STRUCTURE

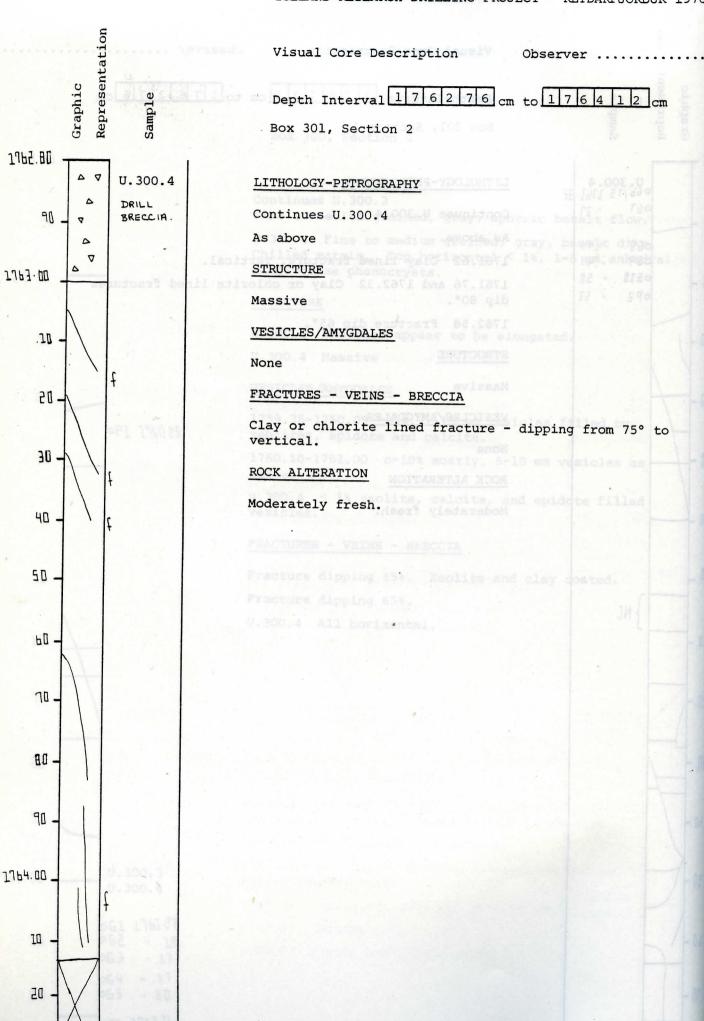
Massive

VESICLES/AMYGDALES

None

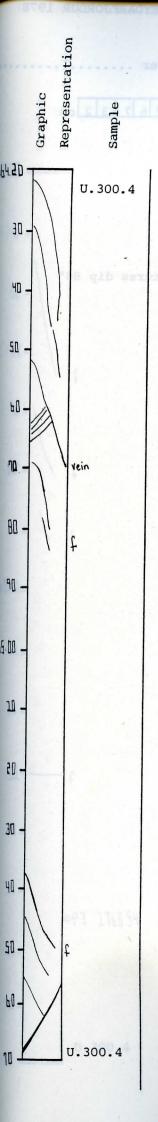
ROCK ALTERATION

Moderately fresh.



U.300.4

OF



Observer ..

Depth Interval 1 7 6 4 12 cm to 1 7 6 5 Box 301, Section 3

LITHOLOGY-PETROGRAPHY

Continues U.300.4

As above.

1764.42 Fractures, clay lined, dip 80° to vertical.

1764.70 Calcite, zeolite and clay filled vein

dip 80°, slickensides.

1765.50 Clay lined fractures dip 80° to vertical.

1765.60 Clay filled fracture, slickensides, dip 75°

STRUCTURE

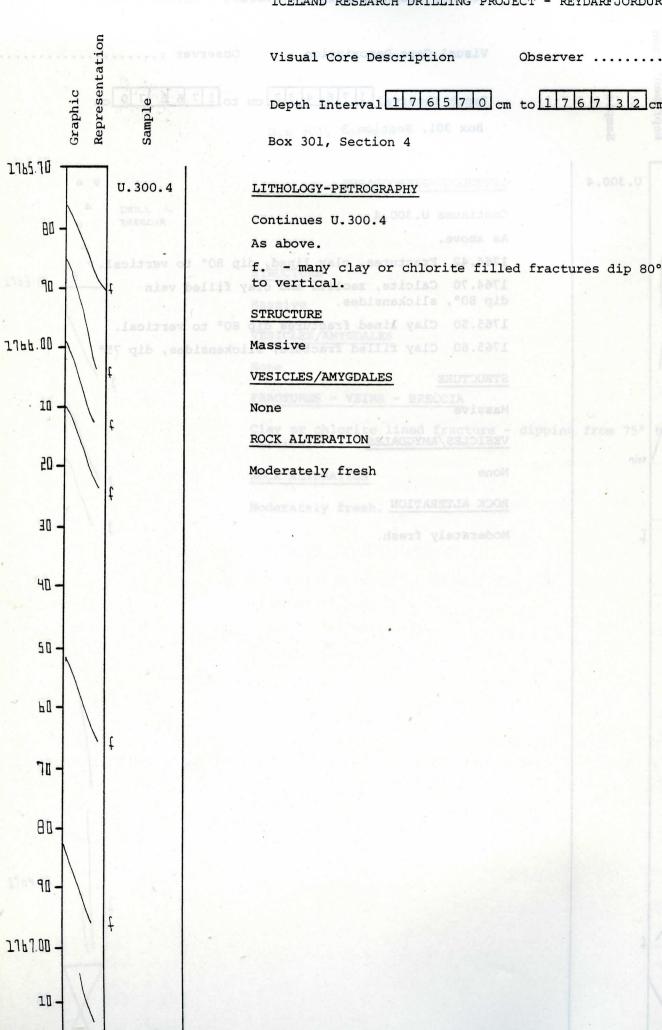
Massive

VESICLES/AMYGDALES

None

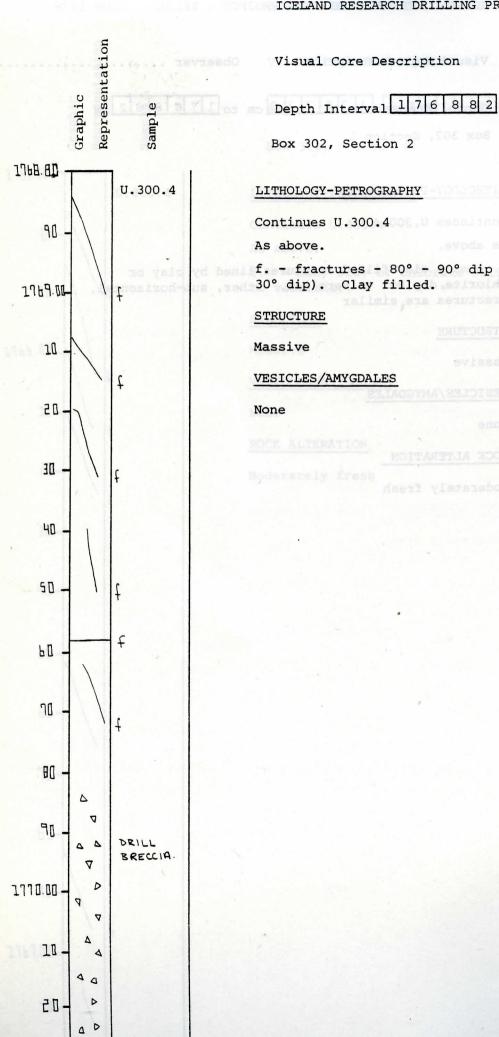
ROCK ALTERATION

Moderately fresh



U.300.4

20



TT 300 4

Observer

8 2 cm to 1 7 8 Depth Interval

Box 302, Section 2

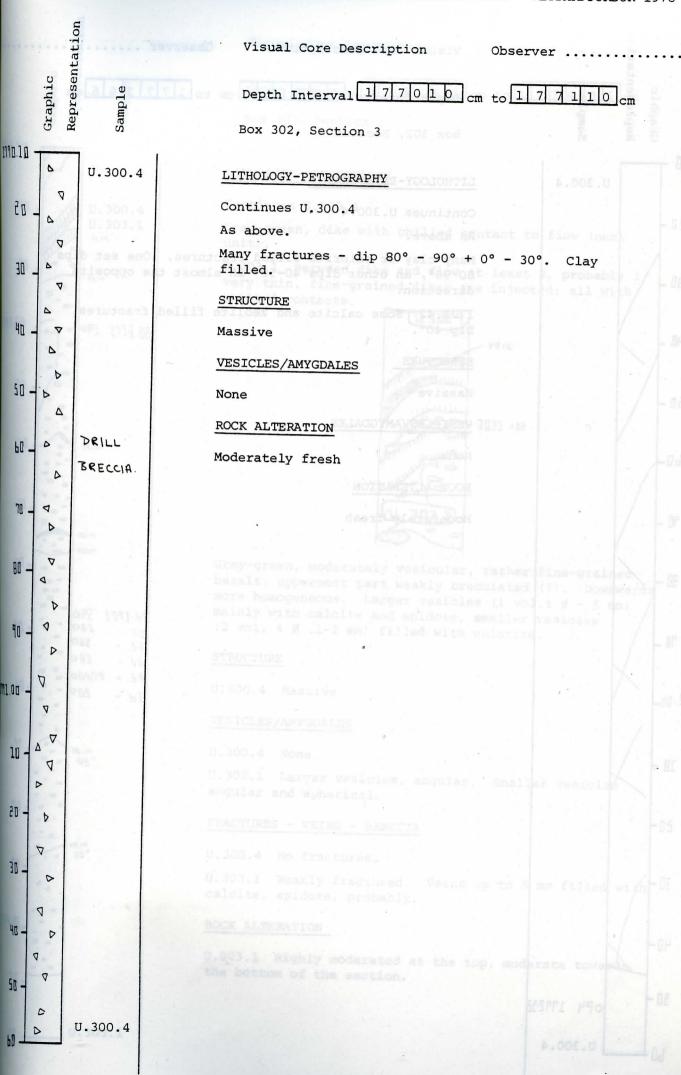
LITHOLOGY-PETROGRAPHY

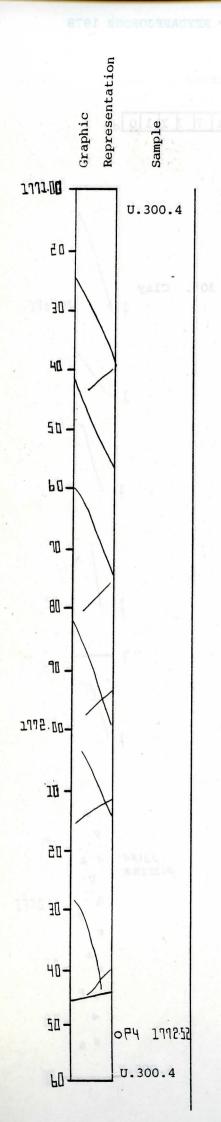
Continues U.300.4

f. - fractures - 80° - 90° dip and subhorizontal (to 30° dip). Clay filled.

0.300.4

VESICLES/AMYGDALES





Observer

Depth Interval 1 7 7 1 1 0 cm to 1 7 7 2 6 6 cm

Box 302, Section 4

LITHOLOGY-PETROGRAPHY

Continues U.300.4

As above.

Many clay or chlorite filled fractures. One set dips 80-90°, an other dips 40-50° in almost the opposite direction.

1772.42 Some calcite and zeolite filled fractures. Dip 40°.

STRUCTURE

Massive

VESICLES/AMYGDALES

None

ROCK ALTERATION

Moderately fresh