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BOREHOLE RECORD

SHEET 1

OF 2

HOLE BH 112

PROJECT Kelvin Grove QUT, Health Faculty Stages II and III

LOCATION See Figure 2
GROUND LEVEL 34.5m approx

CONTRACTOR Christensen Drilling

ANGLE 90°

LOGGED BY WAM

DRILL MODEL Jacro 350

BEARING -

DATE/S 30/3/92

MOUNTING Truck

DIAMETER 100mm

| DRILLING | | STRATA | | | MATERIAL DESCRIPTION | | CONDITION | | OBSERVATIONS |
|-----------------------------------|------|--------|--------------|--------|---|------------------|-------------|--------------|--------------------------------|
| SAMPLE, TEST, BIT, SUPPORT ETC. | R.L. | DEPTH | GROUP SYMBOL | LEGEND | SOIL TYPE Colour, Plasticity, Grain Size, Minor Components. | WATER / MOISTURE | CONSISTENCY | | SOIL ORIGIN STRUCTURE, ETC. |
| | AHD | m | | | | | COHESIVE | NON COHESIVE | |
| | | | | | | | | | |
| TC bit | | | CL | | Gravelly sandy CLAY: brown becoming grey brown with depth, low plasticity, fine gravel, sand fine to medium | D/M | | | RESIDUAL |
| | | 1.0 | | | | | | | |
| | | | | | EW phyllite, grey | | | | ROCK |
| SPT N = Ref (10/20, ,) | | 1.5 | | | | | | | |
| | | 2.0 | | | | | | | |
| | | | | | | | | | |
| | | 3.0 | | | | | | | |
| | | | | | | | | | |
| | | 4.0 | | | | | | | |
| | | | | | | | | | |
| | | 5.0 | | | | | | | |
| | | | | | | | | | |
| | | 6.0 | | | | | | | |
| | | | | | | | | | |
| | | 7.0 | | | | | | | |
| | | | | | | | | | |
| | | 8.0 | | | | | | | |
| NOTES | | | | | | FIGURE | | JOB | |
| 1. Auger drilled to 1.5m | | | | | | | | | |
| 2. Hole core drilled 1.5m to 4.5m | | | | | | | | | |
| 3. Hole terminated at 4.5m | | | | | | | | | |
| | | | | | | | | 6929 | |

CORED BOREHOLE RECORD

BH112

SHEET 2

HOLE

OF 2

PROJECT

QUT KELVIN GROVE: HEALTH FACULTY STAGES II AND III

LOCATION

see Figure 2

GROUND LEVEL

34.5m approx

CONTRACTOR

Christensen Drilling

ANGLE

90°

DRILL MODEL

Jacro 350

BEARING

-

MOUNTING

truck












SIZE

50mm

LOGGED BY

WAM

DATE/S

| DRILLING | | | STRATA | | | MATERIAL DESCRIPTION | | | | | | | | | | DISCONTINUITIES | | | | | | | |
|-------------------------|-------|----------------|--------|-------|--|--|------------|--|--|--|--|--|--|--|--|--|--|--|--|----|----|----|---|
| CASING RUN, REC. (%) | WATER | SAMPLE TEST | R.L. | DEPTH | LEGEND | ROCK TYPE Colour, Grain Size, Structure, Minor Components | WEATHERING | ESTIMATED ROCK STRENGTH | | | | | | FREQUENCY (per m) | SPECIFIC | | | GENERAL DESCRIPTION Planarity, Roughness, Coating, Infill | | | | | |
| | | | AHD | m | | | | EL | VL | ML | HL | SH | TYPE | | ANGLE | THICKNESS (mm) | | | | | | | |
| | | | | | | Auger drilled to 1.5m | | | | | | | | | | | | | | | | | |
| | | | | 1.0 | | See Sheet 1 | | | | | | | | | | | | | | | | | |
| | | | | 1.5 |  | PHYLLITE: grey and orange-brown, well developed foliation | MW |  |  |  |  |  |  |  |  |  |  | | | | | | |
| | | | 1.75 | | | | | | | | | | | | | | | | | Jo | 10 | - | Defects mostly partings on foliation at 45- 55°, planar but irregular surface, clay coating common. Also some joints at 0-5°, 50-60° across foliation and clay seams. |
| | | | 2.0 | | | | | | | | | | | | | | | | | Jo | 60 | - | |
| | | | 2.1 | | | | | | | | | | | | | | | | | Jo | 30 | - | |
| | | | 2.2 | | | | | | | | | | | | | | | | | Cl | 45 | 10 | |
| | | | 2.55 | | | | | | | | | | | | | | | | | Jo | 30 | - | |
| | | | 2.85 | | | | | | | | | | | | | | | | | Jo | 0 | - | |
| | | | 3.0 | | | | | | | | | | | | | | | | | Jo | 60 | - | |
| | | | 3.35 | | | | | | | | | | | | | | | | | Jo | 5 | - | |
| | | | 4.0 | | | | | | | | | | | | | | | | | Jo | 5 | - | |
| | | | 4.0 | | Jo | 5 | - | | | | | | | | | | | | | | | | |
| | | | 4.0 | | Jo | 5 | - | | | | | | | | | | | | | | | | |
| | | | 4.0 | | Cl | 20 | 10 | | | | | | | | | | | | | | | | |
| | | | 4.0 | | Jo | 5 | - | | | | | | | | | | | | | | | | |
| | | | 4.0 | | Cl | 0 | 10 | | | | | | | | | | | | | | | | |
| | | | 4.5 | | | | | | | | | | | | | | | | | | | | |
| | | | | 5.0 | | | | | | | | | | | | | | | | | | | |
| | | | | 6.0 | | | | | | | | | | | | | | | | | | | |
| | | | | 7.0 | | | | | | | | | | | | | | | | | | | |
| | | | | 8.0 | | | | | | | | | | | | | | | | | | | |

NOTES

1. Auger drilled 00: to 1.5m
2. Hole core drilled from 1.5m to 4.5m
3. Hole terminated at 4.5m depth.

TYPE OF DISCONTINUITY

Jo-JOINT
 Be-BEDDING PLANE PARTING
 Fo-FOLIATION PARTING
 Cl-CLAY SEAM
 We-WEATHERED SEAM
 Cr-CRUSHED SEAM
 Sh-SHEARED ZONE

FIGURE

JOB

6929

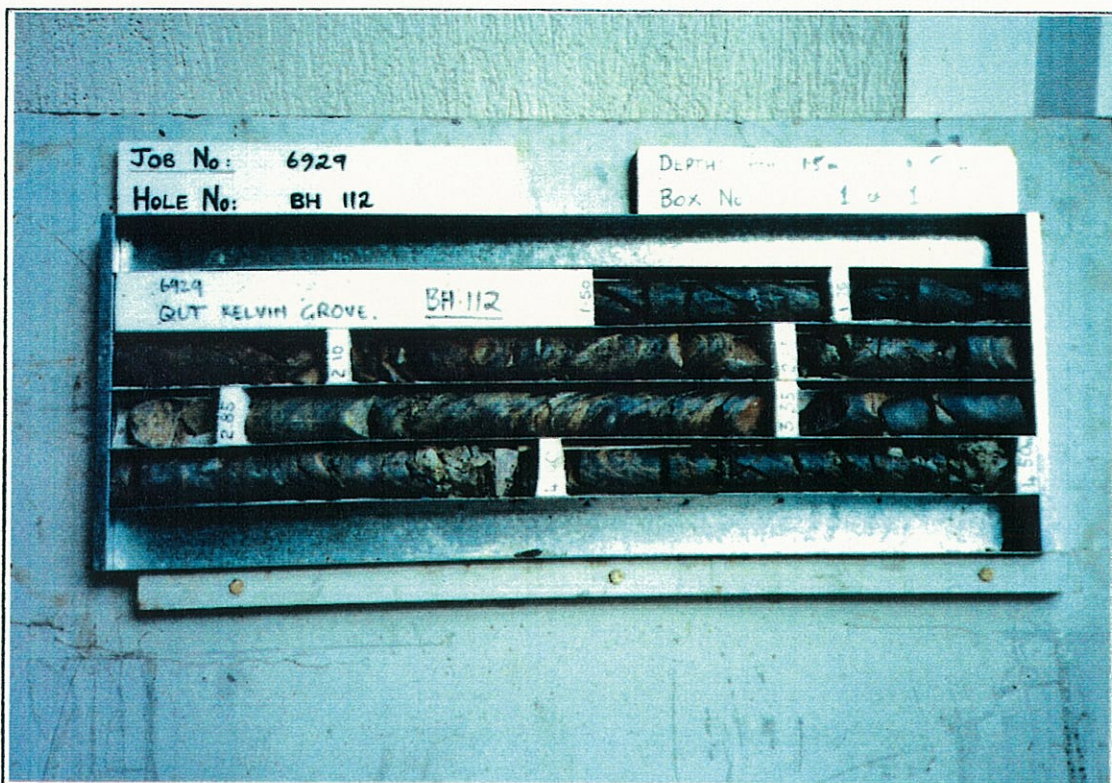


PLATE No. 3

QUT Kelvin Grove Health Faculty
BH112

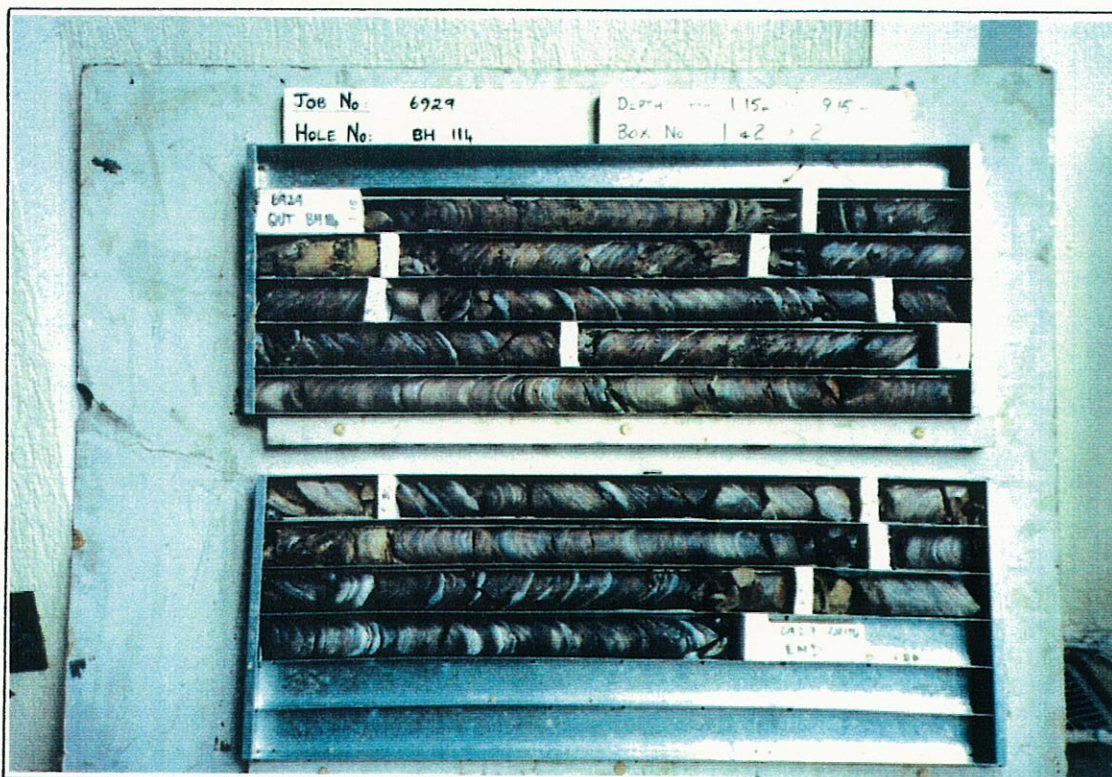


PLATE No. 4

QUT Kelvin Grove Health Faculty
BH114