

COPYRIGHT NOTICE

This geotechnical log and its associated data (the Document) is licensed by Queensland University of Technology under the [Creative Commons Attribution 4.0 Licence](#) (CC BY 4.0). When reusing the Document, in whole or in part, please attribute as follows: "(c) *Queensland University of Technology 2020, licensed under the CC BY 4.0 Licence, prepared by Arup*". This licence does not apply to logos or trademarks.

LIMITATION OF LIABILITY

The CC BY 4.0 Licence contains a comprehensive Disclaimer of Warranties and Limitation of Liability. In addition, please note that this Document was prepared for Queensland University of Technology use only. Reuse of the Document by anyone for any other purpose could result in error and/or loss. You should obtain professional advice before making decisions based on the contents of the Document.

When reproducing any part of this Document, you must also reproduce this limitation of liability notice in addition to the italicised attribution statement above.

Retrieved from the Queensland Geotechnical Database <http://qgd.org.au/>

This log has been contributed to the Queensland Geotechnical Database with the permission of Arup.

BOREHOLE RECORD

SHEET 1

OF 3

PROJECT

Kelvin Grove QUT, Health Faculty Stages II and III

LOCATION See Figure 2

GROUND LEVEL 29.5m 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					
							VS	SL	ST	HS	VL	LL	MD	VD		
TC bit		0.1	CL		Sandy gravelly CLAY: brown, low plasticity	M										TOPSOIL
					Sandy CLAY: red - brown, medium plasticity, sand fine to medium, some fine gravel											RESIDUAL
		0.9			EW phyllite, grey - brown, rock becomes HW/MW											ROCK
		1.0														
		1.15														
		2.0														
		3.0														
		4.0														
		5.0														
		6.0														
		7.0														
		8.0														

NOTES

1. Auger drilled to 1.15m
2. Refusal fo TC bit at 1.15m
3. Hole core drilled 1.15m to 9.15m
4. Hole terminated at 9.15m

FIGURE

JOB

6929

CORED BOREHOLE RECORD

BH114

SHEET 2

HOLE

OF 3

PROJECT

QUT KELVIN GROVE: HEALTH FACULTY STAGES II AND III

LOCATION

see Figure 2

GROUND LEVEL

29.5m approx.

CONTRACTOR

Christensen Drilling

ANGLE 90°

DRILL MODEL

Jacro 350

BEARING -

LOGGED BY

WAM

MOUNTING

truck

SIZE 50mm

DATE/S

30.3.92-31.3.92.

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										SPECIFIC			GENERAL DESCRIPTION Planarity, Roughness, Coating, Infill	
			AHD	m				EL	VL	XL	HL	VH	EH	30	10	FREQUENCY (per m)	3	1	TYPE	ANGLE		THICKNESS (mm)
				1.0		Auger drilled to 1.15m Refer Sheet 1																
				1.15																		
				1.75		PHYLLITE: grey and orange-brown, well developed foliation, numerous quartz veins to 10mm thick parallel to foliation.	MW											Cr	0	50	Defects mainly foliation partings at 45-55°, planar, irregular, some clay coated. Also some low angle joints at 30-40° across foliation.	
100				2.0															Cl	0		100
100				2.1																		
				2.6																		
100				3.0															Jo	70		-
100				3.7																		
100				4.0																		
				4.25															Cr	0		100
100				4.7																		
				5.0																		
100				5.8																		
100				6.0																		
				6.4															Cr	0		150
100				7.0					MW SW													
				7.45																		
100				8.0																		

NOTES

1. Auger drilled to 1.15m
2. Hole core drilled from 1.15m to 9.15m.
3. Hole terminated at 9.15m.

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

CORED BOREHOLE RECORD

BH114

SHEET 3

OF 3

PROJECT QUT KELVIN GROVE: HEALTH FACULTY STAGES II AND III

LOCATION see Figure 2
GROUND LEVEL 29.5m approx.

CONTRACTOR Christensen Drilling ANGLE 90°
DRILL MODEL Jacro 350 BEARING -
MOUNTING truck SIZE 50mm

LOGGED BY WAM
DATE/S 30.3.92-31.3.92

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 10 (per m)	SPECIFIC			GENERAL DESCRIPTION Planarity, Roughness, Coating, Infill
			AHD					EL	VL	LM	HM	VH	EH			TYPE	ANGLE	THICKNESS (mm)	
100				8.0															
100				8.3		PHYLLITE: grey and orange-brown, well developed foliation, numerous quartz to 10mm thick parallel to foliation.	MW												
				9.0															
				9.15															

NOTES

- Hole auger drilled to 1.15m
- Hole core drilled from 1.15m to 9.15m
- Hole terminated at 9.15m.

TYPE OF DISCONTINUITY

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

FIGURE

JOB

6929



PLATE No. 3

QUT Kelvin Grove Health Faculty
BH112

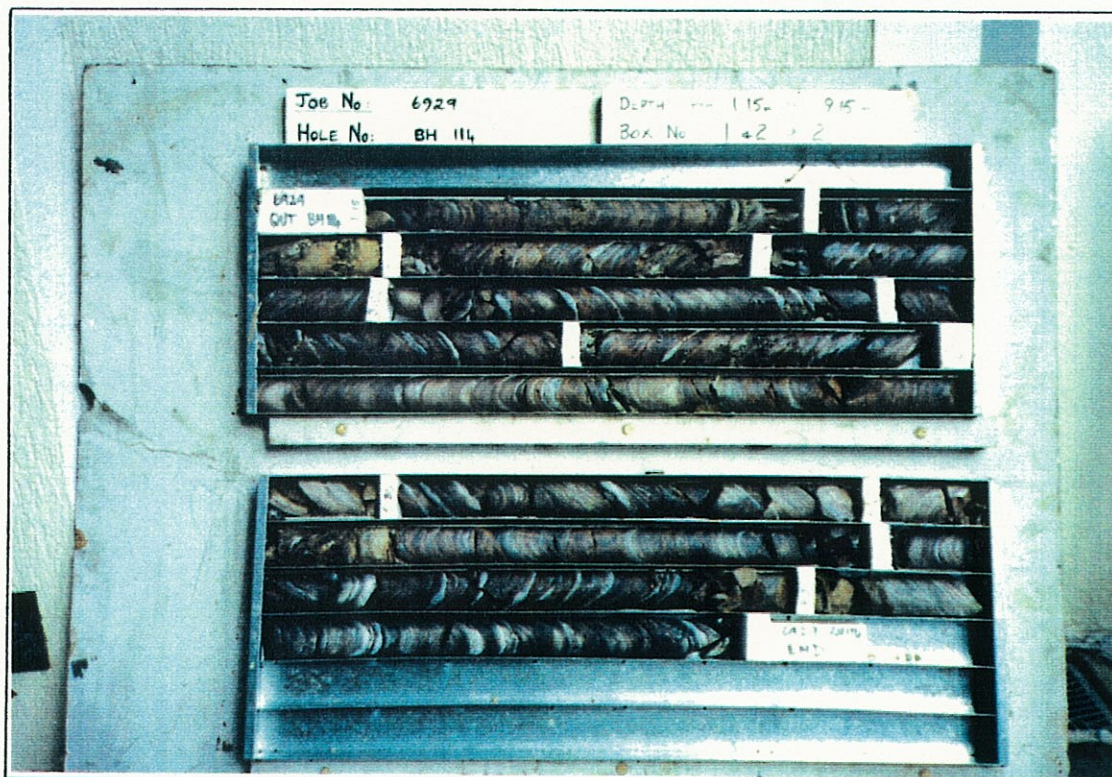


PLATE No. 4

QUT Kelvin Grove Health Faculty
BH114