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ENGINEERING BOREHOLE LOG

FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM F:GEOT 017/5-2009

BOREHOLE No BH070

SHEET 1 of 3

REFERENCE No H10734

PROJECT BRUCE HIGHWAY (COOROY - CURRA) SECTION A GEOTECHNICAL INVESTIGATION

LOCATION Cut 10A - Northern Interchange Roundabout COORDINATES 486978.2 E; 7080611.1 N

PROJECT No FG5825 SURFACE R.L. 144.59m PLUNGE DATE STARTED 24/5/10 GRID DATUM MGA94

JOB No 128/10A/901 HEIGHT DATUM AHD BEARING DATE COMPLETED 26/5/10 DRILLER R & D Drilling

Table with columns: DEPTH (m), R.L. (m), AUGER CASING, ROCK ROLLER, CORE DRILLING, CORE REC %, RQD (%), SAMPLE, MATERIAL DESCRIPTION, LITHOLOGY, USC, WEATHERING, INTACT STRENGTH, DEFECT SPACING (mm), GRAPHIC LOG, ADDITIONAL DATA AND TEST RESULTS, SAMPLES TESTS. Includes detailed material descriptions like Gravelly Silty CLAY (Residual) and PHYLLITE (XW, HW, MW) with associated test results and graphical representations.

QLD_DMR_LIB_01_GLB_Log_A_ENGINEERING_BOREHOLE_LOG_W_LITHOLOGY_FG5825_BRUCE_Hwy_COOROY-CURRA_SECTION_A_BH-S-GPJ_DWG25980.GSDW_Datgel_CPT_Tool_gInt_Add-in_22/06/2010_13:07

REMARKS

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BOREHOLE No BH070

SHEET 2 of 3

REFERENCE No H10734

PROJECT BRUCE HIGHWAY (COOROY - CURRA) SECTION A GEOTECHNICAL INVESTIGATION

LOCATION Cut 10A - Northern Interchange Roundabout COORDINATES 486978.2 E; 7080611.1 N

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DEPTH (m)	R.L. (m)	AUGER CASING ROCK ROLLER CORE DRILLING	RQD (%)	CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USC	WEATHERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
10	134.59					PHYLLITE (MW) (CONT'D):							Cly BZ Clay seam, 45° Is(50) = 0.05MPa Cly FZ Clay seam, 30° J, 30°, Pl, C, Clnf CLy BZ CLy FZ BZ J, 80°, Pl, O, S, FeSt	x
11			100 (0)											
12			100 (0)			From 12.15m: Foliation steepens to 45-70°.								
13			100 (0)											
14			100 (0)										HW CLy SZ & QZ veins	
15			77 (0)										Is(50) = 0.10MPa	x
16			100 (28)										HW CLy zone / SZ	
17	128.09		100 (43)			PHYLLITE (SW): Dark grey, fine grained, foliated. Foliation dips at 20-30°. Defect spacing is generally medium. Prominent defect set parallel to foliation. Defect surfaces are typically slightly clay infilled.							Is(50) = 0.33MPa	x
18			100 (41)										BZ BZ QZ vein Is(50) = 0.08MPa	x
19			100 (16)										CLy BZ CLy zone Is(50) = 0.11MPa Is(50) = 1.01MPa	x o
20														

REMARKS _____

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SHEET 3 of 3

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JOB No 128/10A/901 HEIGHT DATUM AHD BEARING DATE COMPLETED 26/5/10 DRILLER R & D Drilling

Table with columns: DEPTH (m), R.L. (m), ALGER PASCIN ROLLER CORE DRILLING, CORE REC %, RQD (%), SAMPLE, MATERIAL DESCRIPTION, LITHOLOGY, USC, WEATHERING, INTACT STRENGTH, DEFECT SPACING (mm), GRAPHIC LOG, ADDITIONAL DATA AND TEST RESULTS, SAMPLES TESTS. Includes data for Phyllite (SW) with various test results and depth markers.

OLD_DMR_LIB_01.GLB Log A. ENGINEERING BOREHOLE LOG W/LITHOLOGY FG5825 BRUCE HWY COOROY-CURRA SECTION A.BHS.GPJ DWG25890.GDW Datalog CPT Tool d/INI.Add-in 22/06/2010 13:07

REMARKS

LOGGED BY JA

Project: **Bruce Highway Upgrade (Cooroy – Curra) Section A**

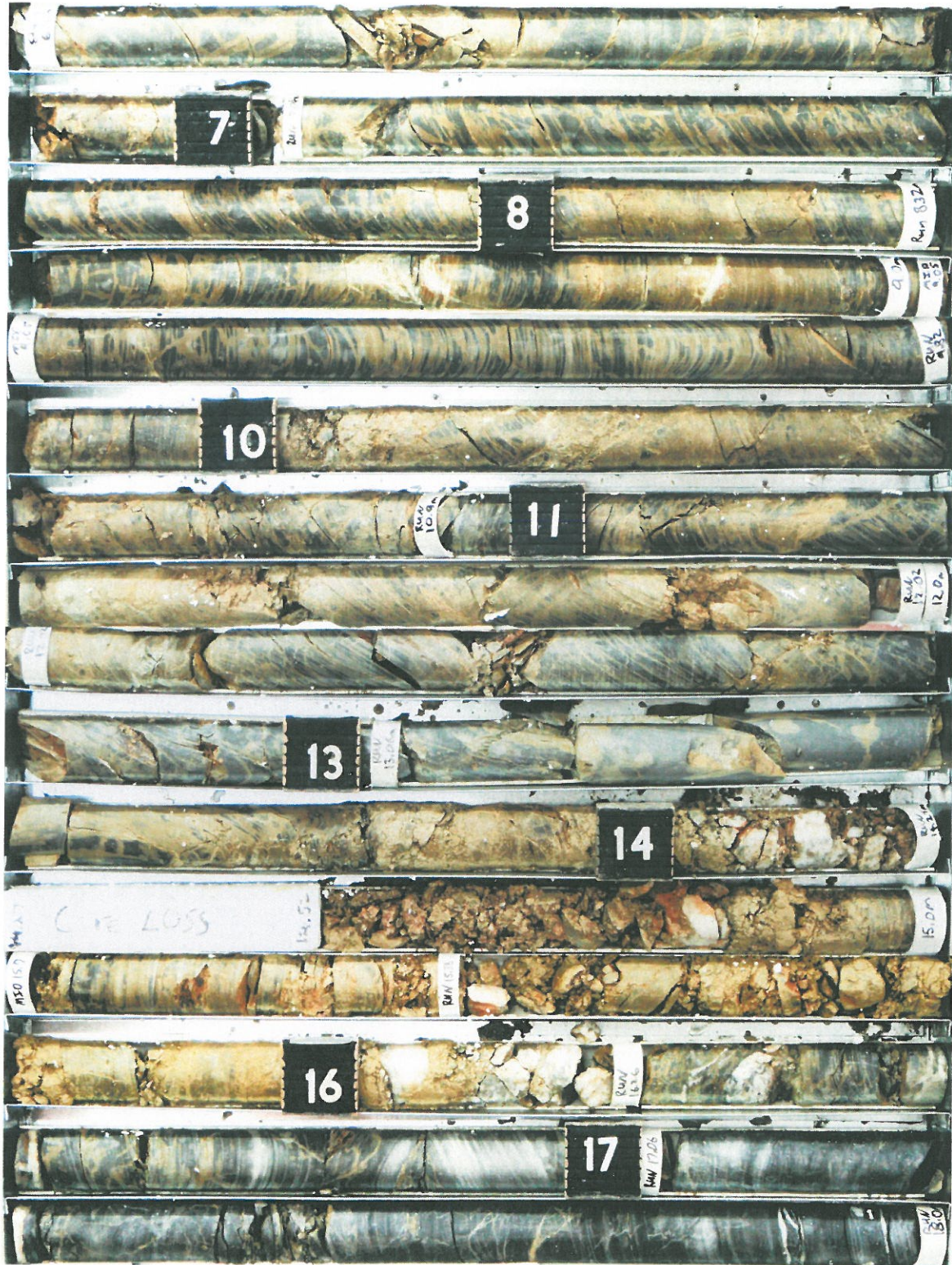
Borehole No: **BH 70**

Start Depth: 6.10m

Finish Depth: 26.60m

Project No: FG5825

H No: 10734



0 100 200 300 400 500 600mm

SCALE 1:5

F:GEO043/1

Project: **Bruce Highway Upgrade (Cooroy – Curra) Section A**

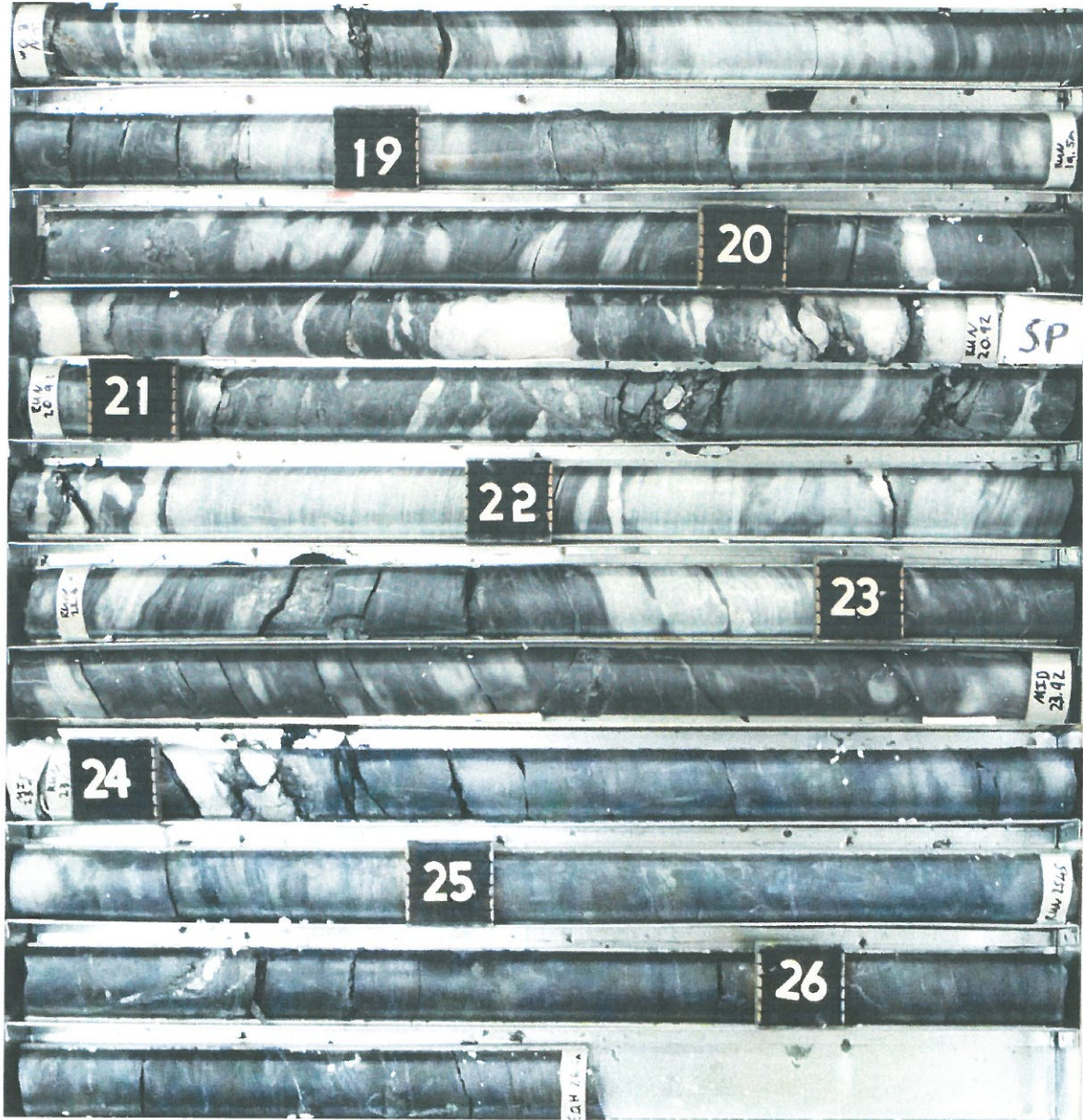
Borehole No: **BH 70**

Start Depth: 6.10m

Finish Depth: 26.60m

Project No: FG5825

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SCALE 1:5

F.GEOT043/1