

PROJECT MEANDER IRRIGATION SCHEME										LOCATION MEANDER DAMSITE										HOLE No DH 1			
METHOD DD					DATE DRILLED					LEVEL					CO-ORDINATES					REFERENCE PLANS		SHEET	
FROM HORIZ VERT					FROM 26/9/88					SURFACE 416.40					E 468 154 51					GEOLOGY		1 of 2	
DIRECTION					TO 27/9/88					COLLAR 418.40					N 384 332 97					SURVEY			
DRILLING INFORMATION					PERMEABILITY					ROCK MASS DEFECTS					LOGGED BY D. LUCAS					DATE 27-9-88			
DISTANCE DRILLED	S.L. LEVEL REL.	CORE SIZE	REC. RY.			WATER PRESSURE TESTS	R.O.O. %	DEFECT SPACING mm	DISCONTINUITIES	ROCK SUBSTANCE													
			LIFT	20	50					100	GRAPHIC LOG	WITH ING	STRENGTH	ROCK DESCRIPTION									
1		HQ							SEE GRAPHIC DEFECT LOG									yellow-brown sandy SILT with minor clay (weathered DOLERITE) with completely weathered dolerite fragments to 100mm					
2	415																	becoming firm to stiff sandy CLAY (w/ DOLERITE) sandy SILT as above					
3																		soft to firm sandy CLAY (w/ DOLERITE) with occasional moderately weathered dolerite fragments					
4																		becoming soft sandy clayey SILT (w/ DOLERITE) with highly weathered dolerite fragments					
5																		soft sandy CLAY (w/ DOLERITE) with minor silts					
6	410																	becoming firm (w/ DOLERITE fragments) clay & sand					
7																		firm sandy CLAY (w/ DOLERITE) becoming clay and sand					
8																		soft CLAY (w/ DOLERITE) becoming firm to stiff CLAY & SAND (w/ dolerite fragments)					
9		HQ																					
10																							
11																							
12	405								joints dipping 45° & 60°									completely weathered yellow-brown DOLERITE					
13																							
14																							
15																							
16																							
17	400								joints dipping 15° & 75°														
18																							
19									joints dipping 5°, 15° & 65°									slightly weathered DOLERITE					
20																							
21																							
22	395								fragmented														
23									fragmented									highly weathered DOLERITE becoming slightly weathered to fresh.					
24									joints dipping 15°, 15°-60° and 75°														
25																							

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PROJECT MEANDER IRRIGATION SCHEME				LOCATION MEANDER DAMSITE				HOLE No DH 1			
METHOD DD		DATE DRILLED		LEVEL		CO ORDINATES		REFERENCE PLANS			
X FROM HORIZ VERT		FROM 26/9/88		SURFACE 416.40		E 468 154.51		GEOLOGY			
DIRECTION		TO 27/9/88		COLLAR 416.40		N5 384 332.97		SURVEY			
DRILLING INFORMATION				ROCK MASS DEFECTS				LOGGED BY D. LUCAS			
PERMEABILITY				ROCK SUBSTANCE				DATE 27-9-88			
DISTANCE DRILLED	S.L. REL.	CORE SIZE	LIFT	REC. BY %	FLUID RET.	WATER PRESSURE TESTS	R.O.D. %	DEFECT SPACING mm	DISCONTINUITIES	ROCK DESCRIPTION	
										GRAPHIC LOG	STRENGTH
										SW TO Fr	
26		390	NO		100% GREY				joints dipping 25°, 45° and 60° slight weathering on joint faces		slightly weathered to fresh DOLERITE.
27					100% GREY						
28					100% GREY				joints dipping 15°		
29					100% GREY						
30					100% GREY						
31		385			100% GREY						
32					100% GREY						
33					100% GREY						
34					100% GREY						
35					100% GREY				fragmented		
										HOLE COMPLETED 35.60 m	

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graphic defect log

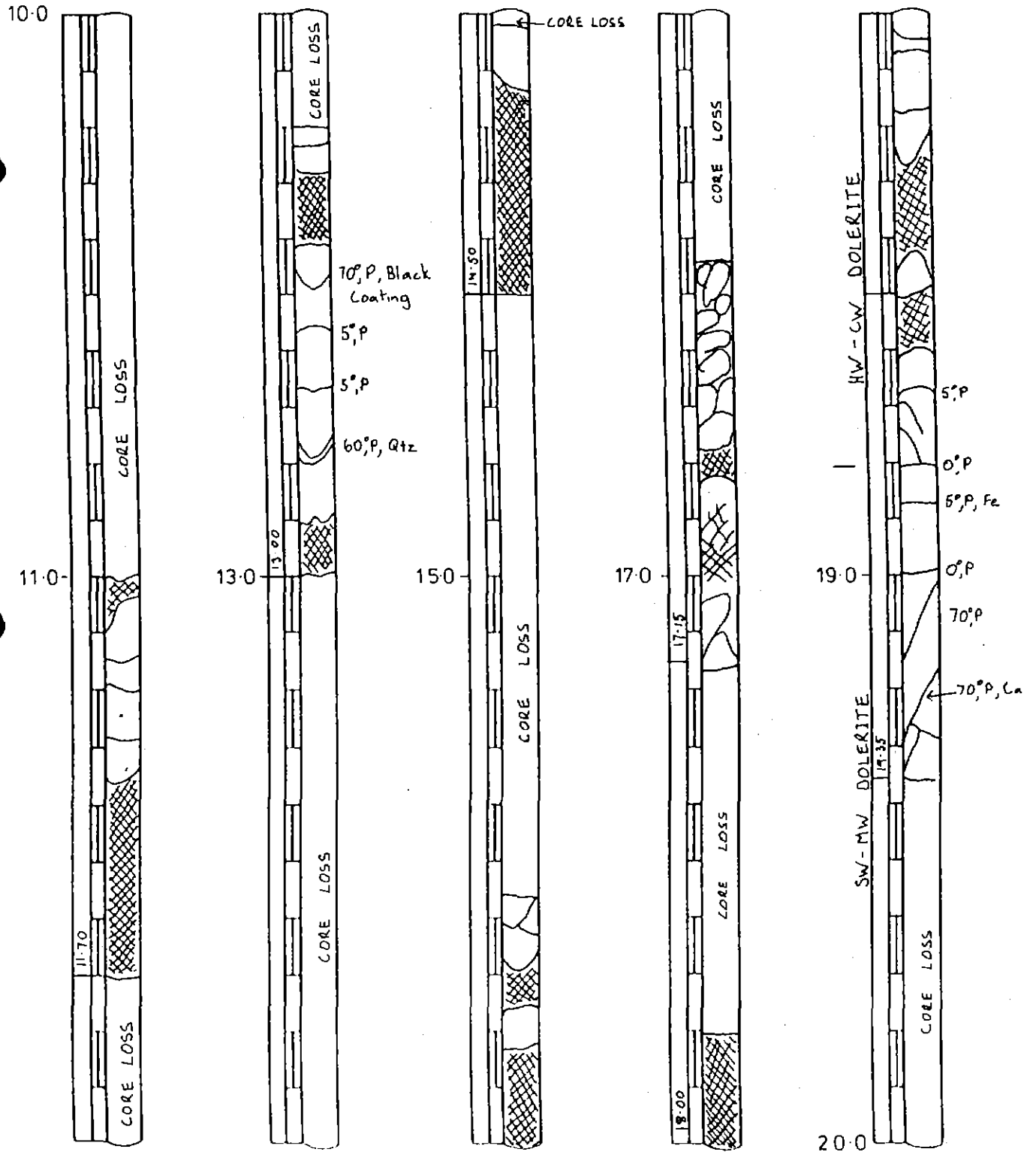
Project: MEANDER IRRIGATION SCHEME Location: MEANDER DAMSITE

Logged by: P. F-B. + D.L

Date: 29 / 9 / 88

Borehole No. 1

Sheet 1 of 3





graphic defect log

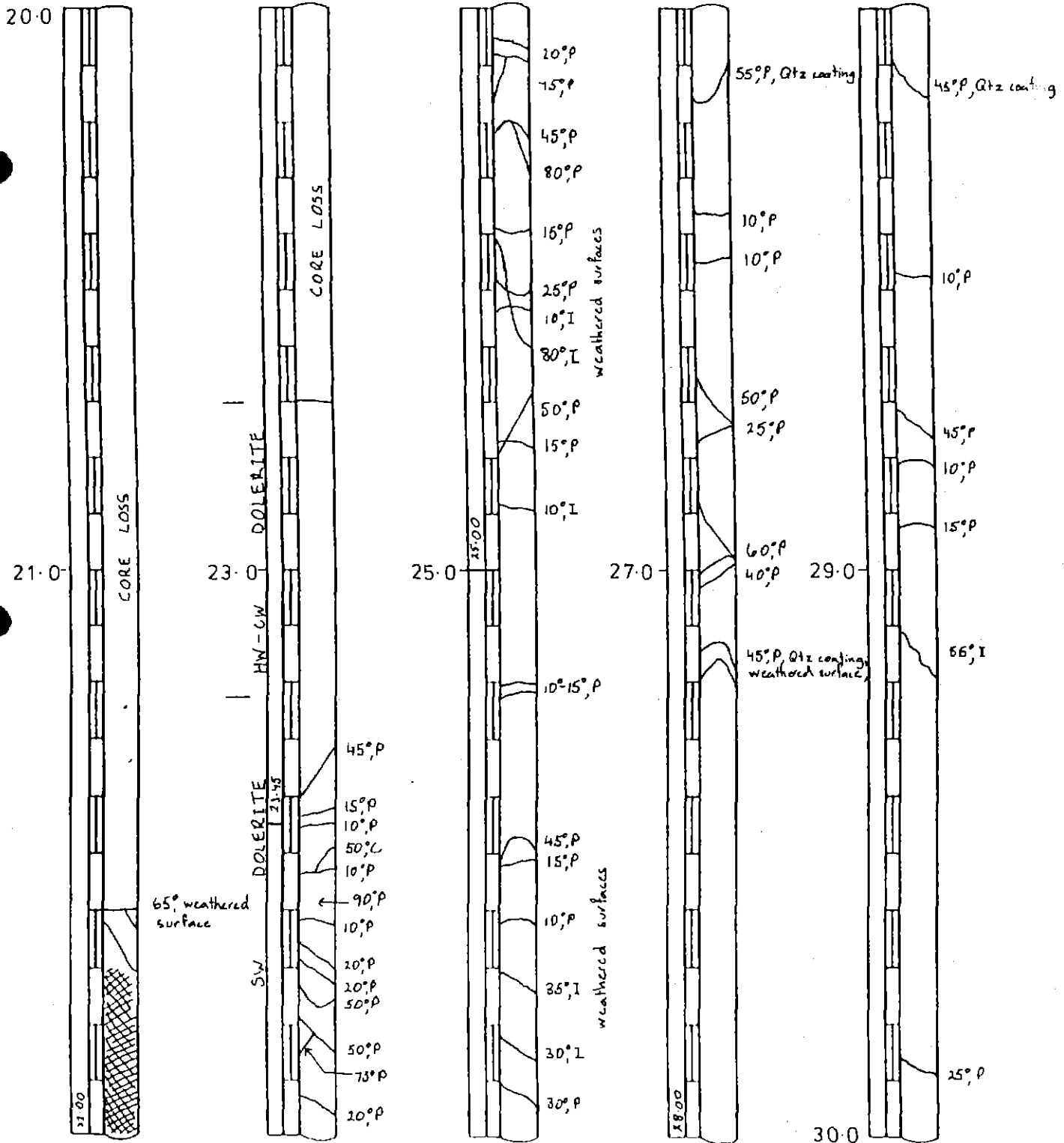
Project: MEANDER IRRIGATION SCHEME Location: MEANDER DAMSITE

Logged by: D. LUCAS

Date: 29/9/88

Borehole No. 1

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HYDRO-ELECTRIC COMMISSION

graphic defect log

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Project: MEANDER IRRIGATION SCHEME Location: MEANDER DAMSITE

Logged by: D. LUCAS

Date: 29/9/88

Borehole No. 1

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