

# DRILLING RECORD

AREA: <i>Mersey-Forth Power Development</i>	CO-ORDINATES:	E:	N:	HOLE No.
LOCATION: <i>Parangana Dam site</i>	ON LINE: <i>BM 3257</i> <i>BURASS</i>	BEARING: <i>0°00'</i>	AT CH:	<i>5782</i>
GEOLOGICAL PLAN: <i>A8177</i> SURVEY PLAN: <i>S42008730</i>	AT STN: <i>BM 3257</i>	BEARING: <i>23°44'</i>	DIST: <i>241'</i>	FILE No.
DATES (a) DRILLED: <i>Dec 64</i> (b) WATER TABLE:	SURFACE	COLLAR	WATER TABLE	SHEET <i>1</i> OF <i>2</i> SHEETS
METHOD: <i>DD.</i> DIAMETER: <i>No. 4, NX, NMLC</i>		<i>1131</i>		
SITE REMARKS: <i>River Bed Dam Axis.</i>	HOLE DRILLED	ANGLE FROM HORIZONTAL	DIRECTION	
	VERT./HOR./INC.	<i>90°</i>		

DEPTH	CORE DRAWN	CORE LENGTH	CASING	RECOVERY	GRAPHIC LOG	JOINTS No. Per Foot.	FLUID RETURN	GROUND WATER	WATER PRESSURE TESTS LEAKAGE	REMARKS
0										
5					Scaffolding					
10					0:0 3" Quartzite 0:0 Breccia					River Gravels — composed of Angular boulders of Quartzite breccia and sub-rounded cobbles and pebbles of dolerite and angular pebbles of quartzite.
15					0:0 8" Dolerite					
20					0:0 8" Dolerite					Drift. 11'-23' Angular to sub-rounded dolerite and quartzite cobbles and pebbles in a loose sandy clay matrix. Little matrix recovered.
25					0:0 5" Quartzite					
30					0:0 2" Quartzite					
35					0:0 6" Quartzite					
40					0:0 6" Dolerite					
45					0:0 10" Dolerite					
50					0:0 1" Quartzite					
55					0:0 2" Quartzite					
60					0:0 2" Quartzite					
65					0:0 2" Quartzite					
70					0:0 2" Quartzite					
75					0:0 1/4"-1" Quartzite					
80					0:0 2" Quartzite					
85					0:0 2" Quartzite					
90					0:0 2" Quartzite					
95					0:0 18" quartzite					50'-52' Driller recorded sand - used sample tubes, but no sample obtained, only angular to subangular pebbles of quartzite.
100					0:0 18" quartzite					58'-61' Sub-rounded to sub-angular pebbles of quartzite with fine sand adhering. Mostly matrix lost - possibly sand channel.
105					0:0 6" Quartzite					
110					0:0 6" Dolerite					
115					0:0 6" Quartzite					
120					0:0 6" Dolerite					
125					0:0 6" Quartzite					
130					0:0 6" Dolerite					
135					0:0 6" Quartzite					
140					0:0 6" Dolerite					
145					0:0 6" Quartzite					
150					0:0 6" Dolerite					
155					0:0 6" Quartzite					
160					0:0 6" Dolerite					
165					0:0 6" Quartzite					
170					0:0 6" Dolerite					
175					0:0 6" Quartzite					
180					0:0 6" Dolerite					
185					0:0 6" Quartzite					
190					0:0 6" Dolerite					
195					0:0 6" Quartzite					
200					0:0 6" Dolerite					
205					0:0 6" Quartzite					
210					0:0 6" Dolerite					
215					0:0 6" Quartzite					
220					0:0 6" Dolerite					
225					0:0 6" Quartzite					
230					0:0 6" Dolerite					
235					0:0 6" Quartzite					
240					0:0 6" Dolerite					
245					0:0 6" Quartzite					
250					0:0 6" Dolerite					
255					0:0 6" Quartzite					
260					0:0 6" Dolerite					
265					0:0 6" Quartzite					
270					0:0 6" Dolerite					
275					0:0 6" Quartzite					
280					0:0 6" Dolerite					
285					0:0 6" Quartzite					
290					0:0 6" Dolerite					
295					0:0 6" Quartzite					
300					0:0 6" Dolerite					
305					0:0 6" Quartzite					
310					0:0 6" Dolerite					
315					0:0 6" Quartzite					
320					0:0 6" Dolerite					
325					0:0 6" Quartzite					
330					0:0 6" Dolerite					
335					0:0 6" Quartzite					
340					0:0 6" Dolerite					
345					0:0 6" Quartzite					
350					0:0 6" Dolerite					
355					0:0 6" Quartzite					
360					0:0 6" Dolerite					
365					0:0 6" Quartzite					
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375					0:0 6" Quartzite					
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410					0:0 6" Dolerite					
415					0:0 6" Quartzite					
420					0:0 6" Dolerite					
425					0:0 6" Quartzite					
430					0:0 6" Dolerite					
435					0:0 6" Quartzite					
440					0:0 6" Dolerite					
445					0:0 6" Quartzite					
450					0:0 6" Dolerite					
455					0:0 6" Quartzite					
460					0:0 6" Dolerite					
465					0:0 6" Quartzite					
470					0:0 6" Dolerite					
475					0:0 6" Quartzite					
480					0:0 6" Dolerite					
485					0:0 6" Quartzite					
490					0:0 6" Dolerite					
495					0:0 6" Quartzite					
500					0:0 6" Dolerite					
505					0:0 6" Quartzite					
510					0:0 6" Dolerite					
515					0:0 6" Quartzite					
520					0:0 6" Dolerite					
525					0:0 6" Quartzite					
530					0:0 6" Dolerite					
535					0:0 6" Quartzite					
540					0:0 6" Dolerite					
545					0:0 6" Quartzite					
550					0:0 6" Dolerite					
555					0:0 6" Quartzite					
560					0:0 6" Dolerite					
565					0:0 6" Quartzite					
570					0:0 6" Dolerite					
575					0:0 6" Quartzite					
580					0:0 6" Dolerite					
585					0:0 6" Quartzite					
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610					0:0 6" Dolerite					
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680					0:0 6" Dolerite					
685					0:0 6" Quartzite					
690					0:0 6" Dolerite					
695					0:0 6" Quartzite					
700					0:0 6" Dolerite					
705					0:0 6" Quartzite					
710					0:0 6" Dolerite					
715					0:0 6" Quartzite					
720					0:0 6" Dolerite					
725					0:0 6" Quartzite					
730					0:0 6" Dolerite					
735					0:0 6" Quartzite					
740					0:0 6" Dolerite					
745					0:0 6" Quartzite					

# DRILLING RECORD

AREA: <i>Murray - Forth Power Development</i>	CO-ORDINATES:	E:	N:	HOLE No.
LOCATION: <i>Parangana Dam site</i>	ON LINE:	BEARING:	AT CH.	5782
GEOLOGICAL PLAN:      SURVEY PLAN:	AT STN:	BEARING:	DIST:	
DATES (a) DRILLED: <i>Feb 65.</i> (b) WATER TABLE:	SURFACE	COLLAR	WATER TABLE	FILE No.
METHOD: <i>DD.</i> DIAMETER: <i>No. NX, NMLC</i>				SHEET
SITE REMARKS: <i>River Bed on Dam Axis</i>	HOLE DRILLED	ANGLE FROM HORIZONTAL	DIRECTION	2 OF 2 SHEETS
	VERT. <del>INC.</del> / INC.			

DEPTH	CORE DRAWN	CORE LENGTH	CASING	RECOVERY	GRAPHIC LOG	JOINTS No. Per Foot.	FLUID RETURN	GROUND WATER	WATER PRESSURE TESTS LEAKAGE	REMARKS
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