

DRILLING RECORD REF NO 15879

SCHEME:- PIEMAN		POSITION	CO-ORDINATES:	E.	N.	HOLE No. 6400
LOCATION:- Lower Rosebery Dam Site: R. Bank. (N.E.B.)			ON LINE: BM 2933 BM 2936	BEARING: 00°	AT CH:	
POSITION PLOTTED ON DRAWING No.: H4518		LEVEL:	FROM STN. BM 2933	BEARING: 357°44'	DIST.: 411 (122)	
DATES: (a) DRILLED: Aug '57 (b) WATER TABLE:			SURFACE:	FORMATION:	WATER TABLE:	
METHOD USED: O.O		INCL.	DIAMETER: A x L:		SHEET	
SITE REMARKS: Sloping area of talus and scree			HOLE DRILLED:	DEPRESSION ANG.:	INCL. BEARING:	
		VERT/HOR INC:	90°		of SHEETS 2	

STANDARD LEVEL	METRES DEPTH	CORE DRAWN	RECOVERY	GRAPHIC LOG	Bedding and JOINTS cleavage	WATER	REMARKS overall description.
	0						
	5	X					Gray slate with fine greywacke bands and phases.
	10	X					170" (2.39-3.02m) Rock completely weathered, core shows mudstone characteristics. Many weathered joints.
	15	X			B1 / 30		Core fragmentary. Sticks up to 4"
	20	X					Some cavities due to leaching.
	25	X			B1 / 20		Limonite present. Weathered zones.
	30	X			B1 / 20		Quartz vein: limonite leaching.
	35	X					5 weathered zones.
	40	X					Conglomerate. From 33.6" : core in better condition up to 9".
	45	X					45" Pebble 2 1/2 diameter. Quartzite chert and greywacke, pebble 1" mainly 1/4" to 1/2" sub-angular to round. Matrix similar to overlying rock.
	50	X			B1 / 20		Grey slate.
	55	X			B1 / 25		53.9" Fragments of greywacke and conglomerate. Leached cavities. 54.6" (6.01m) Weathered joints. Conglomerate.
	60	X					Grey Slate sticks up to 5".
	65	X					67.2" (6.01m) Conglomerate. 68.7" (2.90m) Conglomerate.
	70	X					Sticks up to 2". Less leaching.
	75	X					Grey slate with greywacke bands and phases. Scattered weathered joints with irregular vein quartz and calcite. Sticks of core up to 4".
	80	X			B1 / 25		Top of beds to top of hole.
	85	X			B1 / 20		Rock in better condition.
	90	X					27.15m 89.1" Very quartz & calcite (1")
	95	X					91-91.8" " " " " 27.74-27.94m
	100	X					See below.

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## DRILLING RECORD

SCHEME:- <b>PIEMAN</b>	POSITION	CO-ORDINATES: E:	N:	HOLE No. <b>6A09</b>
LOCATION:- <i>Lower Rosebery Dam Site: Right Bank. (No 23)</i>		ON LINE:	BEARING:	
POSITION PLOTTED ON DRAWING No.: <b>A4518</b>	FROM STN.:	BEARING:	DIST.:	
DATES: (a) DRILLED: <b>Aug '57</b> (b) WATER TABLE:	LEVEL	SURFACE:	FORMATION:	WATER TABLE:
METHOD USED: <b>D.O.</b> DIAMETER: <b>A x E x</b>		<b>431 (131-37m)</b>		
SITE REMARKS: <i>Sloping area of talus and scree.</i>	INCL.	HOLE DRILLED:	DEPRESSION ANG.:	SHEET <b>2</b> OF <b>2</b> SHEETS
		VERT. HOR. INC.:	<b>90°</b>	

STANDARD LEVEL	METRES DEPTH	FOOT DEPTH	CORE DRAWN	RECOVERY	GRAPHIC LOG	Bedding and cleavage	WATER	REMARKS
								↗ 936° (28-50m)
					0 0 0 0	A-26°		conglomerate phase
	105					1/2°		
	110					1/2°		
	115							Grey slate with greywacke and fine
	120							conglomerate phases. Sticks of core up to 9"
	125							Few scattered joints.
	130							Weathering sparse.
	135							Proportion of greywacke increasing.
	140					B-1°		
	145							
	150							* Greywacke predominant.
	155							* 158-160: Core broken due to over-pull.
	160					01°		* Grey slate with greywacke bands and phases.
	165							
	70							End of hole 107'7" (51.08m) ↘ 160°
	75							Logged by R.P. Mather + M. Gray • 15/10/57
	80							
	85							
	90							
	95							
	100							