

## DRILLING RECORD

SCHEME: <b>WAYATINAH "B" POWER DEVT</b>	POSITION	CO-ORDINATES	E	N.	HOLE No. <b>8525</b>
LOCATION: <b>INLET PORTAL AREA</b>		ON LINE	BEARING.	AT CH.	FILE No.
POSITION PLOTTED ON DRAWING No.:		FROM STN.	BEARING.	DIST.	
DATES: (a) DRILLED: <b>28/4/53</b> (b) WATER TABLE:	LEVEL	SURFACE	FORMATION:	WATER TABLE:	SHEET 1 OF 5 SHEETS
METHOD USED: <b>E1000</b> DIAMETER: <b>AX</b>		<b>920</b>			
SITE REMARKS: <b>AT INTERSECTION OF GEOPHYSICAL TRAVERSE N° 143</b>	INCL.	HOLE DRILLED:	<del>DRILLING</del>	<del>INCL. DRILLING</del>	

STANDARD LEVEL	DEPTH	CORE DRAWN	RECOVERY	GRAPHIC LOG	JOINTS	WATER	REMARKS
920	0		0.4 0.6 0.8 1.0				
	5						
910	10						
	15						BASALT BOULDERS AND
900	20						OVERBURDEN
	25						
890	30						
	35						WEATHERED BROWN & YELLOW IRONSTAINED MEDIUM GRAIN QUARTZ SANDSTONE
880	40						
	45						
870	50						NO RECOVERY EXCEPT BASALT PEBBLES DUE TO SIDES CAVING
	55						WEATHERED YELLOW & GREY SILT STONE
860	60						INTERBEDDED GREY SILTSTONE, SHALES & SAND- STONE BEDS, 2'-3" IN. THICK. SHALES SLAKE
	65						SILTY SHALES
850	70						YELLOW DUE TO WEATHERING AS ABOVE
	75						
840	80						YELLOW PARTIALLY WEATHERED RATHER FRIABLE MEDIUM TO FINE GRAINED SANDSTONE
	85						SHOWS CURRENT BEDDING
830	90						
	95						GREY THINLY BEDDED SILTY SHALES WITH MICA ON BEDDING PLANE - SLAKING
820	100						YELLOW WEATHERED SANDSTONE, SHALE PROBABLY GROUND AWAY

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LOCATION: <b>INLET PORTAL AREA</b>		ON LINE: BEARING:	AT CH:	
POSITION PLOTTED ON DRAWING No.:		FROM STN. BEARING:	DIST.:	FILE No
DATES: (a) DRILLED: <b>28/4/53</b> (b) WATER TABLE:	LEVEL	SURFACE: <b>920</b>	FORMATION:	WATER TABLE:
METHOD USED: <b>E1000</b> DIAMETER: <b>Ax</b>		INCL. HOLE DRILLED: <del>DEEPER THAN 920</del>	INCL. <del>920</del>	
SITE REMARKS: <b>AT INTERSECTION OF GEOPHYSICAL TRAVERSES N<sup>os</sup> 1 &amp; 3</b>	VERT. <span style="background-color: black; color: black;">██████████</span>			SHEET <b>2</b> OF <b>5</b> SHEETS

STANDARD LEVEL	DEPTH	CORE DRAWN	RECOVERY	GRAPHIC LOG	JOINTS	WATER	REMARKS
820	100						YELLOW MEDIUM GRAIN QUARTZ SANDSTONE
	105						GREY SANDSTONE
810	110						YELLOW DARK GREY BED OF MICA & SOME THIN SANDY BANDS
	115						YELLOW
800	120						
	125						
790	130						GREY MEDIUM GRAINED QUARTZ SANDSTONE
	135						
780	140						YELLOW
	145						
770	150						GREY
	155						
760	160						MASSIVE GREY MEDIUM GRAIN QUARTZ SANDSTONE
	165						
750	170						GREY MUDSTONE
	175						GREY MEDIUM GRAIN QUARTZ SANDSTONE
740	180						WITH MICA & GRAPHITE ON THE BEDDING PLANES
	185						
730	190						RATHER THINLY BEDDED BUT WELL-CEMENTED FINE GRAINED SANDSTONE WITH MICA AND GRAPHITE ON BEDDING PLANES
	195						
720	200						

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LOCATION: <b>INLET PORTAL AREA</b>		ON LINE	BEARING	AT CH.	
POSITION PLOTTED ON DRAWING No.:	LEVEL	FROM STN.	BEARING	DIST	FILE No.
DATES: (a) DRILLED <b>22/4/53</b> (b) WATER TABLE:		SURFACE	FORMATION	WATER TABLE:	
METHOD USED: <b>E1000</b> DIAMETER: <b>AX</b>	INCL.	<b>920</b>			SHEET <b>3</b> OF <b>5</b> SHEETS
SITE REMARKS: <b>AT INTERSECTION OF GEOPHYSICAL TRAVERSES Nos 1&amp;3</b>		HOLE DRILLED:			
		VERT:			

STANDARD LEVEL	DEPTH	CORE DRAWN	RECOVERY	GRAPHIC LOG	JOINTS	WATER	REMARKS
720	200'						MEDIUM GREY QUARTZ SANDSTONE
	205'						THINLY BEDDED MUDSTONE SILTSTONE & SANDSTONE
710	210'						THIN CLAY PELLET CONGLOMERATE
	215'						
700	220'						MEDIUM GRAIN QUARTZ SANDSTONE WITH A VERY FEW ISOLATED CLAY PELLETS. SANDSTONE IS QUITE MASSIVE BUT PARTIALLY WEATHERED & IRONSTAINED, SOME CLAY PELLETS WEATHERED OUT.
	225'						
690	230'						
	235'						
680	240'						
	245'						
670	250'						IRON-STAINED MEDIUM GRAINED QUARTZ SANDSTONE
	255'						
660	260'						AVERAGE DIP 10°
	265'						MICA & GRAPHITE ON BEDDING PLANES
650	270'						VERY OCCASSIONAL CLAY PELLETS
	275'						
640	280'						
	285'						
630	290'						IRON STAINED CLAY PELLET CONGLOMERATE
	295'						MEDIUM GRAINED
620	300'						QUARTZ SANDSTONE

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LOCATION:-- <b>INLET PORTAL AREA</b>		ON LINE	BEARING	AT CH		
POSITION PLOTTED ON DRAWING No.:		FROM STN.:	BEARING	DIST.	FILE No.	
DATES: (a) DRILLED: <b>28/4/53</b> (b) WATER TABLE		SURFACE	FORMATION	WATER TABLE:		
METHOD USED: <b>E1000</b> DIAMETER: <b>AX</b>		<b>920</b>				SHEET <b>4</b> OF <b>5</b> SHEETS
SITE REMARKS: <b>AT INTERSECTION OF GEOPHYSICAL TRAVERSES Nos 1 &amp; 3</b>		HOLE DRILLED				
		VERT:				

STANDARD LEVEL	DEPTH	CORE DRAWN	RECOVERY	GRAPHIC LOG	JOINTS	WATER	REMARKS
			0.2 0.4 0.6 0.8 1.0				
620	300						
	305						<b>YELLOW &amp; BROWN IRON STAINED MEDIUM GRAINED QUARTZ SANDSTONE</b>
610	310						<b>WITH VERY OCCASSIONAL CLAY PELLETS</b>
	315						
600	320						
	325						
590	330						<b>HARD DENSE GREEN-GREY MUDSTONE GRADING INTO A SILTY MUDSTONE</b>
	335						<b>RATHER COARSE SANDSTONE</b>
580	340						
	345						<b>CLOSELY JOINTED &amp; RATHER BROKEN</b>
570	350						<b>STRONG IRON STAINING AND SOME LEADING</b>
	355						<b>MEDIUM GRAIN YELLOW/BROWN/WHITE</b>
560	360						<b>QUARTZ SANDSTONE</b>
	365						<b>DIPS VARIABLE WITH SOME</b>
550	370						<b>CURRENT BEDDING AS HIGH AS 15°</b>
	375						
540	380						
	385						
530	390						<b>GLASSY DOLERITE</b>
	395						<b>CLOSELY JOINTED FINE GRAINED DOLERITE</b>
520	400						

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LOCATION - <b>INLET PORTAL AREA</b>			ON LINE:	BEARING:	AT CH:	
POSITION PLOTTED ON DRAWING No.:		LEVEL	FROM STN.:	BEARING:	DIST.:	FILE No
DATES: (a) DRILLED <b>28/4/53</b> (b) WATER TABLE			SURFACE	FORMATION	WATER TABLE:	
METHOD USED: <b>E1000</b> DIAMETER: <b>Ax</b>		INCL.	<b>920</b>			SHEET <b>5</b> of <b>5</b> SHEETS
SITE REMARKS: <b>AT INTERSECTION OF</b> <b>GEOPHYSICAL TRAVERSE NOS 123</b>			HOLE DRILLED:	DEPRESSION:	INCL. BEARING:	
		VERT.:				

STANDARD LEVEL	DEPTH	CORE DRAWN	RECOVERY	GRAPHIC LOG	JOINTS	WATER	REMARKS
520	400'		0.2 0.4 0.6 0.8 1.0				
	405'						
510	410'						<i>ALL VERY BADLY BROKEN</i>
	415'						<i>CLOSELY JOINTED FINE-GRAINED</i>
500	420'						<i>DOLERITE WITH THICK CALCITE</i>
	425'						<i>VEINS &amp; SOME PYRITE</i>
490	430'						<i>ALL SLIGHTLY CHLORITIZED</i>
	435'						
480	440'						
	445'						
470	450'						
	455'						<i>FRESH FINE GRAINED DOLERITE</i>
460	460'						<i>FAIRLY CLOSELY JOINTED TO 465'</i>
	465'						
450	470'						
	475'						<i>HOLE COMPLETED 475'</i>
440	480'						
	485'						
430	490'						
	495'						
420	500'						