

DRILLING RECORD

SCHEME: WAYATINAH 'B' DEVELT	POSITION	CO-ORDINATES	E.	N.	HOLE No 8524
LOCATION: TUNNEL LINE		ON LINE	BEARING:	AT CH:	
POSITION PLOTTED ON DRAWING No.:		FROM STN.	BEARING:	DIST:	FILE No.
DATES: (a) DRILLED ²⁹⁻⁴⁻⁵³ _{To 19-6-53} (b) WATER TABLE	LEVEL	SURFACE:	FORMATION:	WATER TABLE:	SHEET 1 OF 6 SHEETS
METHOD USED: E1000 DIAMETER: Ax		1103			
SITE REMARKS:	INCL.	HOLE DRILLED:	DEPRESSION ANG.:	INCL BEARING:	
		VERT: ██████████			

STANDARD LEVEL	DEPTH	CORE DRAWN	RECOVERY	GRAPHIC LOG	JOINTS	WATER	REMARKS
1103	0'		0.2 0.4 0.6 0.8 1.0				
1100	5'						
1090	15'						BROKEN BASALT PROBABLY PART OF
1080	25'						LARGE SLIP
1070	35'						
1060	45'						
1050	55'						MIXED BROKEN BASALT WITH SOME SEDIMENTS UNIFORM MASSIVE LIGHT GREY SHALE WITH PLANT IMPRESSIONS
1040	65'						YELLOW SHALE WITH SOME THIN FELSPATHIC SANDSTONE BANDS ALL RATHER MASSIVE
1030	75'						GREY SILTY SHALE YELLOW SANDY SHALE BECOMING A FELSPATHIC SANDSTONE BY 80'
1020	85'						YELLOW GREY SANDSTONE WITH CLOSELY SPACED IRON STAINED BEDDING PLAINES INTERBEDDED GREY FELSPATHIC SANDSTONES AND SHALES YELLOW MUDSTONE DENSE & UNIFORM PINKISH YELLOW ARKOS E
1010	95'						UNIFORM GREY MUDSTONE
1000	100'						FINE GRAINED GREY FELSPATHIC SANDSTONE

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SCHEME: WAYATINAH B' LEVEL	POSITION	CO-ORDINATES	E	N.	HOLE No. 8524
LOCATION: TUNNEZ LINE		ON LINE	BEARING	AT CH	FILE No.
POSITION PLOTTED ON DRAWING No.:	FROM STN.	BEARING	DIST.	SHEET 2 OF 6 SHEETS	
DATES: (a) DRILLED: (b) WATER TABLE	SURFACE	FORMATION	WATER TABLE:		
METHOD USED: E1000 DIAMETER: Ax	LEVEL:	1103			
SITE REMARKS:	INCL.	HOLE DRILLED	DEPRESSION ANG.:	INCL BEARING:	
		VERT: ██████████			

STANDARD LEVEL	DEPTH	CORE DRAWN	RECOVERY	GRAPHIC LOG	JOINTS	WATER	REMARKS
	100						AS ABOVE
1000							GREY MUDSTONE
	105						MASSIVE GREY MED/FINE GRAINED FELSPATHIC SANDSTONE
	110						
990							GREY FINELY BEDDED MUDSTONE WITH VERY THIN SILTY LAYERS AT FIRST. THEN BECOMING THICKER & COARSER TO FORM 1 OR 2 BANDS OF SANDSTONE 2" THICK
	115						
	120						SANDY SHALE BECOMING SANDSTONE
980							IRONSTAINED SILTY FELSPATHIC SANDSTONE
	125						YELLOW INTERBEDDED SHALES & FELSPATHIC SANDSTONE
	130						RATHER COARSE GRAINED FELSPATHIC SANDSTONE
970							YELLOW AT FIRST BECOMING CHOCOLATE COLOURED DENSE MUDSTONE
	135						
	140						YELLOW INTERBEDDED FINE GRAIN FELSPATHIC SANDSTONE & SHALES. SANDSTONE MORE PREDOMINANT AT DEPTH
960							GREY/YELLOW MEDIUM GRAINED FELSPATHIC SANDSTONE & FELSPATHIC SANDSTONE
	145						GREY/YELLOW INTERBEDDED SHALES
	150						
950							PINKISH SANDSTONE
	155						COMPOSED MAINLY OF ROUNDED QUARTZ PEBBLES WITH SPARSE FERRUGENOUS MATRIX, OFTEN CONFINED TO BEDDING PLANES - PINK COLOURATION PROBABLY DUE TO Fe ₂ O ₃ . SANDSTONE INCLINED TO BE FRIABLE IN PLACES (SOME SHALE CHIPS PRESENT)
940							COARSE GRAINED YELLOW FELSPATHIC SANDSTONE
	165						MASSIVE SILTSTONE
	170						PINK/YELLOW WITH A FAIRLY HIGH QUARTZ CONTENT
930							
	175						YELLOW/GREY FELSPATHIC SANDSTONE
	180						AT FIRST THINLY BEDDED WITH SILTY BEDDING PLANES AT DEPTH BECOMING MEDIUM GRAINED AND MASSIVE
920							
	185						
	190						
910							GREY SILTY MUDSTONE WITH AN ODD SANDY BAND - SLIGHTLY PINKISH AROUND
	195						200' - 202 ALL FAIRLY MASSIVE
	200						

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LOCATION:- TUNNEL LINE			ON LINE	BEARING:	AT CH:	
POSITION PLOTTED ON DRAWING No.:			FROM STN.	BEARING:	DIST:	FILE No.
DATES: (a) DRILLED:		LEVEL	SURFACE:	FORMATION	WATER TABLE:	SHEET 3 OF 6 SHEETS
(b) WATER TABLE:			1103			
METHOD USED: E1000 DIAMETER: AX		INCL.	HOLE DRILLED:	DEPRESSION ANG.:	INCL BEARING:	
SITE REMARKS:		VERT.				

STANDARD LEVEL	DEPTH	CORE DRAWN	RECOVERY	GRAPHIC LOG	JOINTS	WATER	REMARKS
	200						
890	205						GREY (OCCASIONALLY YELLOW) SILTY SHALE WITH ODD SANDY BANDS
	210						QUARTZ WITH CLAY MATRIX
890	215						GREY & YELLOW FINE GRAINED SANDSTONE BECOMING MEDIUM GRAINED AT 213'
	220						GREY SILTSTONE WITH
880	225						OCCASIONAL SANDY BANDS
	230						COLOUR CHANGE TO YELLOW AT PLACES CLOSE TO JOINTS WHERE MORE DEEPLY WEATHERED
870	235						→ GREY QUARTZ SILTSTONE
	240						GREY FINE GRAINED SANDY SILTSTONE
860	245						YELLOW WHERE WEATHERED
	250						→ VERY FINE GRAINED SANDSTONE
850	255						YELLOW & GREY SILTY MUDSTONE
	260						GREY YELLOW FINE GRAINED QUARTZ SANDSTONE
840	265						BECOMING MEDIUM GRAINED AT 268'
	270						GREY SILTY MUDSTONE WITH ODD SANDY BANDS
830	275						
	280						
820	285						FINE GRAINED GREY SANDSTONE BECOMING SLIGHTLY COARSE IN DEPTH
	290						MEDIUM GRAIN SIZE BY 300'
810	295						MAINLY QUARTZ GRAIN
	300						

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POSITION PLOTTED ON DRAWING No.:	LEVEL	FROM STN.	BEARING	DIST.	FILE No.
DATES: (a) DRILLED: (b) WATER TABLE		SURFACE	FORMATION	WATER TABLE	
METHOD USED: E1000 DIAMETER: Ax	INCL.	1103			SHEET 4 OF 6 SHEETS
SITE REMARKS:		HOLE DRILLED:	DEPRESSION:	INCORPORATING:	
		VERT:			

STANDARD LEVEL	DEPTH	CORE DRAWN	RECOVERY	GRAPHIC LOG	JOINTS	WATER	REMARKS
	300						
800							
	305						MEDIUM GRAINED GREY QUARTZ SANDSTONE
	310						POOR RECOVERY PROBABLY DUE TO SHALE BANDS AS SOME CHIPS OF THIS IN CORE
790							
	315						
	320						FINE GRAINED GREY QUARTZ SANDSTONE
780							
	325						BLOTCHY GREY SILTY MUDSTONE
	330						SOME CURRENT BEDDING BUT MAINLY IRREGULAR BLOTCHES ETC.
770							
	335						
	340						GREY SILTY
760							
	345						LIGHT GREY MAINLY
	350						GREY, BLACK & RED BLOTCHY, SILTY MUDSTONE. HARD & CHERTY WITH OCCASIONAL FINE SANDY BANDS (INCLUDED)
750							
	355						MAINLY DARK GREY BLACK
	360						LIGHT GREY & PURPLE
740							
	365						MAINLY LIGHT GREY WITH SOME PURPLE
	370						SILTY BANDS SHOW CURRENT BEDDING MUDSTONE VERY DENSE & WITH DISTINCT JOINTING & ODD CALCITE SEAMS ALONG JOINTS
730							
	375						DARK GREY/BLACK & DEEP PURPLE
	380						LIGHT GREY FINE GRAINED SILTY SANDSTONE MAINLY QUARTZITE
720							GREY SILTY MUDSTONE
	385						
	390						DENSE BLOTCHY MUDSTONE GREY, BLACK & PURPLE
710							
	395						
	400						

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POSITION PLOTTED ON DRAWING No.:	LEVEL	FROM STN.	BEARING:	DIST.	FILE No.
DATES: (a) DRILLED: 2/20/50 (b) WATER TABLE: 2/20/50		SURFACE	FORMATION	WATER TABLE:	
METHOD USED: E1000 DIAMETER: AX	INCL.	1103			SHEET 5 OF 6 SHEETS
SITE REMARKS:		HOLE DRILLED:	DEPRESSION ANG.:	INCL BEARING:	
		VERT. 1103			

STANDARD LEVEL	DEPTH	CORE DRAWN	RECOVERY	GRAPHIC LOG	JOINTS	WATER	REMARKS
	400						GREY SILTY MUDSTONE
700							GREY & PURPLE SHALE
	405						
	410						BLOTCHY MUDSTONE
690							
	415						
	420						YELLOW & GREY SILTY MUDSTONE
680							
	425						WITH ODD FINE SANDY BANDS
	430						
670							
	435						
	440						FINELY BEDDED SILTY SANDSTONE
660							
	445						
	450						HARD GREY SILTY MUDSTONE WITH SOME SANDY BANDS
650							
	455						
	460						THIN DOLERITE SILL.
640							
	465						
	470						HARD GREY MEDIUM GRAINED SANDSTONE
630							
	475						
	480						CHILLED, GLASSY DOLERITE WITH A LITTLE BAKED SHALE INCLUDED WITH DOLERITE
620							
	485						
	490						FINE GRAINED CLOSELY JOINTED DOLERITE WITH CALCITE VEINS
610							
	495						
	500						

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POSITION PLOTTED ON DRAWING No.	FROM STN.	BEARING	DIST.	FILE No.	
DATES: (a) DRILLED ^{29/4/53} To 19/6/53 (b) WATER TABLE	LEVEL	SURFACE	FORMATION	WATER TABLE	SHEET 6 OF 6 SHEETS
METHOD USED: E1000 DIAMETER: Ax					
SITE REMARKS:	INCL.	HOLE DRILLED	DEPRESSION ANG.	INCL. BEARING	
		VERT.			

STANDARD LEVEL	DEPTH	CORE DRAWN	RECOVERY	GRAPHIC LOG	JOINTS	WATER	REMARKS
	500		0.2 0.4 0.6 0.8 1.0				
	600						
	505						
	510						FINE GRAINED CLOSELY JOINTED
	590						
	515						DOLERITE WITH ^{SOME} THICK (1 1/2") CALCITE VEINS
	520						
	580						
	525						
	530						
	570						
	535						
	540						
	560						
	545						SOUND DOLERITE
	550						
	550						HOLE COMPLETED 549 FT.
	55						
	60						
	65						
	70						
	75						
	80						
	85						
	90						
	95						
	00						