

DRILLING RECORD

SCHEME: <i>PIEMAN</i>	POSITION	CO-ORDINATES: E.	N:	HOLE No. 6382
LOCATION: <i>Delville Saddle</i>		ON LINE $\frac{W210}{W209}$	BEARING $0^{\circ}00'$	
POSITION PLOTTED ON DRAWING No. <i>S309863</i>	LEVEL	FROM STN. $\frac{W}{210}$	BEARING $58^{\circ}36'$	DIST: $12'$
DATES: (a) DRILLED <i>Jan '61</i> . (b) WATER TABLE.		SURFACE.	FORMATION:	WATER TABLE
METHOD USED: <i>DD.</i> DIAMETER <i>No. 4-Bm.</i>	INCL.	292'		SHEET 1 OF 3 SHEETS
SITE REMARKS: <i>No. 2 Saddle.</i>		HOLE DRILLED.	DEPRESSION ANG.: 90°	INCL BEARING:

STANDARD LEVEL	DEPTH	CORE DRAWN	RECOVERY	GRAPHIC LOG	JOINTS	WATER	REMARKS
	0'		0.2				<i>Sl.-slickensides</i>
	5'		0.4				<i>Br</i> 0'0"-13'0" <i>Brown clay + quartz sand, mainly fine but at least some grains upto 1/4"</i>
	10'		0.6				<i>Soil and talus</i>
	15'		0.8				<i>Yellow</i> 13'0"-77'0" <i>Brown, yellow + cream mottled clay with zeolite + clay filled vesicles; also red + black below 69', some residual joints, no quartz sand detected.</i>
	20'		1.0				<i>At 61'6" piece of fresh basalt 4" long other patches of less weathered basalt 61'-67', at 93' + below 102'.</i>
	25'						
	30'						
	35'						
	40'						
	45'						
	50'						
	55'						
	60'						
	65'						
	70'						
	75'						
	80'						
	85'						
	90'						
	95'						
	100'						

Drilling Mud

Clay derived from basalt weathered in situ

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LOCATION: <i>Delville Saddle</i>		ON LINE: $\frac{W210}{W209}$	BEARING: $0^{\circ}00'$	
POSITION PLOTTED ON DRAWING No.: <i>S309863</i>	LEVEL	FROM STN. $\frac{W}{210}$	BEARING: $58^{\circ}36'$	DIST: $12'$
DATES: (a) DRILLED: <i>Jan '61</i> . (b) WATER TABLE:		SURFACE:	FORMATION:	WATER TABLE:
METHOD USED: <i>D.D.</i> DIAMETER: <i>No 4-Bm.</i>	INCL	292'		SHEET 3 OF 3 SHEETS
SITE REMARKS: <i>Nº 2 Saddle</i>		HOLE DRILLED:	DEPRESSION ANG.: 90°	INCL BEARING:

STANDARD LEVEL	DEPTH	CORE DRAWN	RECOVERY	GRAPHIC LOG	JOINTS	WATER	REMARKS
	200'		0.2 0.4 0.6 0.8 1.0				
	205'					yellow	} Bernafai Volcanic Formation, slaty phase.
	210'						
	215'						Hole Completed 209'6"
	220'						Logged by R.P. Mather Jan + May 1961.
	25'						Note: Quartz sand at 204' from higher up the hole. Driller reports trouble with sand in the hole.
	30'						
	35'						
	40'						
	45'						
	50'						
	55'						
	60'						
	65'						
	70'						
	75'						
	80'						
	85'						
	90'						
	95'						
	100'						