

LOCAL AND COORDINATES LOCATION

HOLE NO. E. 68900.32 N 13785.18.  
OPPOSITE WOOLSHED SOUTH OF SHEEP YARDS.

JOB NO. RL

534.74

drilling method	penetration	water	graphic log	scale (m)	Geological Log	Borehole Construction Details	bailing yield and additional observations	
REVERSE CIRCULATION PERCUSSION - HAMMER BIT.			L L L SFA VCR.  SFA  MOX SFA. SWEAT?	0	LOESS - WEATHERED SCHIST. - LIGHT TAN.	<p>100mm Ø STEEL CASING 100mm STEEL 150mm Ø THREADED STEEL CASING FILL 14.25m. SUMM OF RC PIPE 16.7m BELOW GROUND. BENTONITE 1.15m. SAND 0.5m. GRAVEL 6.3m. SUMM Ø SLOTTED RC (Ø 7mm) 6.0m. 14.25. 15.4m 15.9m E.O.H. 22.7m. 57/8"</p>	150mm Ø THREADED STEEL CASING.	
				5	SCHIST - MODERATELY WEATHERED S/LG DAMP. GREEN (LIGHT)		SUMM Ø RC PIPE 16.7m BELOW GROUND.	
				10	10.3 - TAN. WEATHERED LAYER			
				15	14.0 - WATER			
				20	LIGHT GREEN - MODERATELY - SEMI FRESH SCHIST c/o? (SEM. BENTONITE) DAMP.			
				22.7 E.O.H.				

VCR = VCRM OVERTISED  
MOX = MOD " "  
SFA = SLIGHTLY "

- 29.9.90 C.L.L. = 1.9m BULLY SURFACE
- 1.10.90 G.W.L. = 1.8m RAIN SURFACE
- 2.10.90 G.W.L. = 1.8m
- 3.10.90 G.W.L. = 1.8m
- 5.10.90 G.W.L. = 1.1m
- 9.10.90 G.W.L. = 2.0m

DRILL TYPE SCRAMM RC PERCUSSION  
FEED .....  
DRILLER M. WILLIAMS WATER WORKS LTD.  
COMMENCED 10.00 AM 27.9.90  
COMPLETED 4.15 PM 27.9.90  
LOGGED BY D. JAMESON  
CHECKED BY M. LESLIE  
VERTICAL SCALE .....

KEY  
penetration  
no resistance  
ranging to  
refusal

water  
10.01.80  
water level and date  
water inflow  
water outflow

CLIENT : MACRAE'S FLAT MINING LTD  
3RD PHEMARLSTON  
OTAGO.

PROJECT :  
GROUNDWATER / PERIMETER MONITORING WELLS

**GCNZ Consultants**  
Water and Environmental Engineers and Geoscientists.

GROUNDWATER INVESTIGATION  
LOG OF BORE P2

DATE : 1.10.90 PROJECT NO. : FIGURE NO. :