CLEMENCE DRILLING CONTRACTORS LIMITED

U951084

HOUSTON
HOUSTON WELL SCREEN CO

Mill Road, Ohoka
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N.Z.D.A. Member

BORE LOG

Well Owner:	Alan Scott Winery's	*Permit Number:*	
Address:	Jacksons Rd RD3	*Bore Number:*	P28w/2982
	BLENHIEM	*Water Right Number:*	
Driller:	D Clemence	*Grid Reference:*	2596600-5960250
Locality:	State Highway 1 Sth of Blenhiem	*Drilling Date:*	1 June 1996

STRATA			Details of Aquifers		
Depth From Surface (m)			*Depth From Surface (m)*		*S. W. Level*
Top	*Bottom*		*Top*	*Bottom*	
0.0	1.5	Rough big gravel and clay			
1.5	5.8	Damp claybound gravel yellow			
5.8	6.3	Clean dry gravel			
6.3	17.0	Blue claybound gravel			
17.0	20.0	Broken blue claybound gravel, seepage			
20 0	22.1	Soft mainly clay and sand gravel, brown			
22.1	23.2	Soft mainly clay and sand, blue			
23.2	24.5	Blue claybound gravel			
24.5	33.0	Progressively more gravel, less clay, seepage			
33.0	37.1	Blue gravel some small waterbearing lenses			
37.1	39.0	Big Boulders			
39.0	54.8	Blue gravel and clay, small waterbearing lenses			

Casing Diameter (cm)	150mm	*Depth (m)*	54.8
Screen Type	100mm class D PVC Slotted	*Set At*	37.2 - 54.8
Screen Length (m)	18 mtr	*Static Water Level*	1.6 mtr PTop
Drawdown (m)	46 *After* 4 *Hours Pumping at* 31.5 *(Litres ~~sec~~/min)*		

$Q/S = \frac{1.89\ m^3/hour}{46\ m.} = 0.04\ m^3/hour/metre.$

Remarks (including notes on core samples taken): Casing set at 37.2 mtrs. Drilled through bottom with open hole to 54.8 and inserted PVC screen.