

Waimea Drilling Co Ltd

Drillers Water Well Log Form

MEMBER OF
N.Z.D.F.

FILE No.:
OFFICER:
DATE RECV'D 19 MAY 2004
MARLBOROUGH DISTRICT COUNCIL

WDC Log No **6487**

Well Owner Wither Hills Vineyards Marl' Ltd
New Renwick Rd
RD 2
Blenheim

Contact Name John Marris

Map Sheet No P28

Altitude (m): 5.00

P28w/4330

Grid Ref East 760

North 952

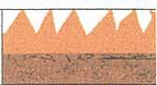
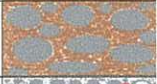
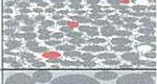

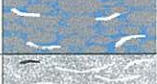

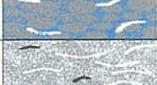

Driller Brendon Higgins

GPS Easting: 259-51-20

GPS Northing: 59-75-986

Drilling Date 16/12/2003

Locality P2 3m from Rarangi Rd & approx' 300m East of P1

Depth To Strata Top (m)	Strata Bottom (m)	Strata Thickness (m)	Static Level (m)	Strata Description	Strata Picture
0.00	0.20	0.20		Brown grass and brown topsoil.	
0.20	0.80	0.60		Grey coarse gravel and brown silt	
0.80	2.40	1.60		Rarangi grey pea metal, some grey medium sand	
2.40	3.70	1.30		Grey coarse gravels, grey clay bound	
3.70	4.30	0.60		Grey coarse gravels, fine gravels, medium sand, some shellfish shells, water bearing	
4.30	6.20	1.90		Grey sand and shell fish shells	
6.20	7.30	1.10		Grey coarse gravels, fine gravels, medium sand, some shellfish shells, water bearing	
7.30	9.50	2.20		Grey sand and shell fish shells	

**Finished Static
Water Level:** 0.00

Test Pumping: 0.00 **Hours**

Draw Down (m): 0.00 **Below Static Water Level**

Flow Rate: 0.00 **cubic mph**

Step Test By:

No: 1 **Screen Type** pvc slotted

Casing above ground (mm): 200

**Casing NB Dia
(mm):** 125

Ground Level

**Screen NB Dia
(mm):** 100

**Steel Casing
Length (m):** 1.00

**PVC Casing
Length (m):** 4.00

Top of Screen Leader (m): 0.00

Top Of Screen (m): 4.00

From:	To:	Slot Size	Length
4.00	9.00	3.00	5.00

Bottom Of Screen (m): 9.00

Length of Sump (m): 0.50

**Total Screen
Length (m):** 5.00

Finished Depth of Well (m): 9.50

Remarks:

This piezometer has an electronic monitoring system fitted.

PLEASE NOTE:

This well log report is subject to being edited (eg. A down hole flow test may be carried out at any time).

Test pumping flow rates, static levels, and water level draw down are as recorded at the time of test pumping. These figures could change at a later time due to influences beyond our control (e.g. seasonal variations).



Ayson and Partners Ltd
REGISTERED SURVEYORS

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TO: Fax No. 5786866 Ref: 9542
Name: MDC Date: 23/2/04
Attention: Scott Wilson No Pages: 2
SENDER: Matt Straker Sent By: MS
Time Sent: 10AM

PLEASE CONTACT US IMMEDIATELY IF YOU DO NOT RECEIVE ALL PAGES OF THIS FACSIMILE

Re: Karangi Properties Ltd. - Well Bores.

Scott, please find attached the data we have for the recently sunk wells P1, 2, 3 as requested. In terms of your request for the pumping wells, you need to contact Peter Callander from Pattle Delamore Partners. We have provided coordinates/levels for many different wells on this property, Peter has all of the relevant information you require. We do not currently have a plan of the positions for P1, 2, 3.

Regards,



23/02/04

Ayson & Partners Ltd.**6th January 2004****Job Number 9542****Rarangi Properties Limited****Survey of Well Test Bores****Notes:**

- 1) The bore names are as welded on top of capping.
- 2) The levels are ultimately in terms of Trig KK RL 5.21 m.a.m.s.l. with this survey in terms of the 'Top of Concrete Post' RL 4.90 located in the south-east corner of the property adjoining Rarangi Road.
(see Ayson & Partners Ltd. Job 9542 drawing 1 of 3 dated 10 Dec 2001)
- 3) The bores levelled were all steel bores with a cap (5mm thick) bolted on top.
- 4) The northings and eastings are in metres and in terms of New Zealand Map Grid.

Bore Name	Level of Casing (m.a.m.s.l.)	Northing (m)	Easting (m)
P1	4.22	5976001.4	2594802.5
P2	3.76	5975988.9	2595121.1
P3	2.91	5975942.9	2595732.9
P4	1.88	5976000.4	2595811.0
P5	1.82	5976000.0	2595800.0

