



KIWI WELLDRIILLERS N.Z.

ISO 9002 CERTIFIED

KEVIN BROWN LTD.

MEMBER: NZ. DRILLERS FED

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BRANCHES:

BAY OF ISLANDS

WARKWORTH

GLENBROOK



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BORE LOG FORM

Client BRICK BAY INVESTMENTS

Address 20 MATAKANA VALLEY RD

MATAKANA. Richard Didsbury 021 951 995

Grid Reference No.. 1754128 5975726

Consent No 41322 Bore I.D. 28794

Driller SAM KOREWHA/JORDAN BROWN

Drilling Method ROT.- MUD

Date of Finishing 8.8.2013

Purpose of Bore COMMERCIAL

BORE LOG

Depth from Surface		Description of Ground
Top	Bottom	Passed Through
0.0	0.5	YELLOW CLAY
0.5	12.0	GREY MARINE CLAY
12.0	12.8	SANDY LAYER & WOOD
12.8	130.0	HARD SANDSTONE
130.0	155.0	SANDSTONE/MUDSTONE
155.0	160.0	SANDSTONE & HARD BAR
		LAYERS OF FINE SANDSTONE
160.0	185.0	MUDSTONE/SANDSTONE
185.0	203.0	HARD BAR SANDSTONE
		LAYERS WITH MUDSTONE

WELL CONSTRUCTION

All measurements from the top of the casing

Depth of bore (M) 203.00 m

Depth of casing (M) 90.00 m

Diameter of Casing PVC 104 (mm)

Screens:

From m to m

Slot size and type

Grouting 15 Bags

Pump Tests:

Method of development AIR INDUCTION

Static water level 9.55 m

Duration of test 24 HOURS

Max 5000 ltrs p/hr

Test discharge (m³/hr) 3 x 24 hrs

Drawdown level 70.00 m

PUMP DEPTH 90.00 m

PUMP VOLUME up to 4000 ltrs p/hr

Type pump to suit construction of bore for client

100mm SUBMERSIBLE PUMP SET

AT 90.00 m. FOR 4000 lph NO MORE

Water Quality Basic on site taste test SAMPLE TAKEN
BY PLUMBER & SENT TO HILLS LABS.

REMARKS

Note:

- 1) Pump to be installed on a separate steel pedestal not to be direct on PVC casing. Log sent to T Wright.
 - 2) Bore showing on a 24 hour pump test a D/D of 66.00 litres per 1 metre. i.e. approx 70.00 m D/D for a flow rate of up to 4000 lph.
 - 3) Clients responsibility for the finish of the well head into a manhole cover and drain.
- Air induction until clear – Pump test 24hrs @ 3m³/hr D/D 55m.5% CIRCULATION LOSS @ 185.00m.

This well has been drilled in accordance with New Zealand Standard 4411:2001 Environmental Standard for Drilling of Soil and Rock.