Bore/Well log form



A copy of this form must be returned with each bore log

Copies can be downloaded from the website: <u>www.gw.govt.nz/forms</u>

The information below is used to ensure groundwater resources are used in a sustainable manner. Please send this form back within one month of the completion of your bore to either the Wairarapa office at PO Box 41, Masterton 5840 or the Wellington office at PO Box 11646, Manners Street, Wellington 6142, or email to <u>Notifications@gw.govt.nz</u> and reference the resource consent number.

Well owner:	Resource consent no. WAR/WGN:	
Address:	Well no and Wai ID:	
	Proposed Grid	E
	reference NZTM:	Ν
Locality:	Valuation number:	
Groundwater zone:	Aquifer zone:	

Bore/Well construction details – Well driller to complete:

Drilling firm:				Driller:		
Drilling method:			Confirmed Grid reference		E	
				NZTM (must b	e completed):	N
Elevation of bore:	(metres above mean sea level)		Date drilled:			
Casing material:			Casing length (metres):			
Casing diameter (mm):				Casing set a	t:	
Finished case height above ground level (m):		Static water level (metres below case):				
Screen type:				Screen set a	t: (top & bottom)	
Screen length (metres)*:	*If more than one, list depth		of all screens Slot size:			
Bore use:	Pump	type:			Discharg	e required L/s:
Sump set at if fitted: (top & bo	ottom)					

Aquifer pump test – Well driller to complete:

Note: if a step drawdown pump test is completed this must be attached.

Static water (m)	metres below case	Pumping at	(litres/second)			
Water level (m)	after 1 minute	Water level (m)	after 5 minutes			
Water level (m)	after 15 minutes	Water level (m)	after			
Remarks (include samples taken, water quality tests):						

Certification:

This well has been drilled in accordance with New Zealand Standard 4411:2001 *Environmental Standard for Drilling of Soil and Rock* and all conditions of consent WGN/WARX.

Driller:

Date:

Bore log form (continued) – please use another page for additional rows

Important: Record all groundwater levels and/or groundwater pressure for each strata groundwater is intercepted. Please be as specific as possible in your descriptions, eg, if you are describing gravel is it rounded gravel, sub-angular gravel or angular gravel? What is the size of the gravel? Is it uniform or mixed?

Depth from surface (m)		Colour	Colour Description		Date
Тор	Bottom	-		(m)	

Location sketch

Decommissioning of existing bore

To be completed if new bore is a replacement of an existing bore.

Check list of requirements:

From: Section 2.7, Environmental Standard for Drilling of Soil and Rock (NZS 4411:2001)

Backfilled and Sealed

- Decommissioned holes and bores shall be backfilled and sealed at the surface to prevent adverse effects on groundwater quality.
- Decommissioned holes and bores intersecting groundwater shall be sealed to prevent the vertical movement of groundwater, and to permanently confine the groundwater to the specific zone (or zones) in which it originally occurred.

Seal with appropriate method and material

- Sealing materials shall comply with sections 2.4.3 and 2.5.2 of the Environmental Standard for Drilling of Soil and Rock (NZS 4411:2001) and shall be placed from the bottom upward, by methods that will avoid segregation or dilution of material and the contamination of groundwater.
- Materials used to backfill the bore/well shall consist of non-toxic material and be restricted to natural materials such as clay, clean gravels and sand.

Description of decommission/seal method:

