

Form A Particulars of completed work

Driller's Licence No:		1
Class of Licence:		
Driller's Name:		
Assistant Driller:		
Contractor:		
New bore	<input type="checkbox"/>	Replacement bore <input type="checkbox"/>
Deepened	<input type="checkbox"/>	Enlarged <input type="checkbox"/>
Reconditioned	<input type="checkbox"/>	Other (specify) <input type="checkbox"/>
Final Depth	<input type="text"/>	m <input type="text"/>

Work Licence No:		2
Name of Licensee:		
Intended Use:		
Completion Date:		

DRILLING DETAILS **3**

From (m)	To (m)	Hole Diameter (mm)	Drilling Method
			See Code 3

WATER BEARING ZONES **4**

From (m)	To (m)	Thickness (m)	S W L (m)	Estimated Yield (L/s)		Test method	D D L at end of test (m)	Duration		Salinity (Conductivity or TDS)	
				Individual Aquifer	Cumulative			See Code 4	Hrs	min	Cond (µS/cm)

CASING / LINER DETAILS **5**

Material	OD (mm)	Wall Thickness (mm)	From (m)	To (m)	Method Fixing	Casing support method
Code 5					Code 5	See Code 5
						Type of casing bottom
						See Code 5
						Centralisers installed {Yes/No}
						(indicate on sketch)
						Sump installed {Yes/No}
						From <input type="text"/> m To <input type="text"/> m
						Pressure cemented {Yes/No}
						From <input type="text"/> m To <input type="text"/> m
						Casing Protector cemented in place

WATER ENTRY DESIGN **6**

General							Screen	Slot Details		
Material	OD (mm)	Wall Thickness (mm)	From (m)	To (m)	Opening type	Fixing	Aperture (mm)	Length (mm)	Width (mm)	Alignment
Code 5					See Code 6	See Code 5				See Code 6

GRAVEL PACK **7**

Type	Grade	Grain size (mm)		Depth (m)		Quantity	
		From	To	From	To	Litres	m ³
Rounded	Graded						
Crushed	Ungraded						
Bentonite/Grout seal (Yes/No)							
Method of placement of Gravel Pack		See Code 7					

For Departmental use only: **G W**

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BORE DEVELOPMENT 8

Chemical used for breaking down drilling mud (Yes/No) Name:

Method	Bailing/Surging <input type="checkbox"/>	Jetting <input type="checkbox"/>	Airlifting <input type="checkbox"/>	Backwashing <input type="checkbox"/>	Pumping <input type="checkbox"/>	Other: <input type="text"/>
Duration	<input type="text"/> hrs	<input type="text"/> hrs	<input type="text"/> hrs	<input type="text"/> hrs	<input type="text"/> hrs	<input type="text"/> hrs

DISINFECTION ON COMPLETION 9

Chemical(s) used	Quantity applied (Litres)	Method of application
<input type="text"/>	<input type="text"/>	<input type="text"/>

PUMPING TESTS ON COMPLETION 10

Test type	Date	Pump intake depth (m)	Initial Water Level (SWL) (m)	Pumping rate (L/s)	Water Level at end of pumping (DDL) (m)	Duration of Test (hrs)	Recovery	
							Water level (m)	Time taken (hrs) (mins)
Multi stage (stepped drawdown)	Stage 1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Stage 2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Stage 3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Stage 4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Single stage (constant rate)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Height of measuring point above ground level		<input type="text"/> m	Test Method		<input type="text"/>	See Code 4		

WORK PARTLY BACKFILLED OR ABANDONED 11

Original depth of work: m Is work partly backfilled: (Yes/No)

Is work abandoned: (Yes/No) Method of abandonment: Backfilled Plugged Capped

Has any casing been left in the work (Yes/No) From m To m

Sealing / fill type	From depth (m)	To depth (m)	Sealing / fill type	From depth (m)	To depth (m)
See Code 11	<input type="text"/>	<input type="text"/>	See Code 11	<input type="text"/>	<input type="text"/>

Site chosen by: Hydrogeologist Geologist Driller Diviner Client Other 12

Lot No DP No 13

Work Location Co ordinates Easting Northing Zone

GPS: (Yes/No) >> AMG/AGD or MGA/GDA (See explanation)

Longitude Latitude

Please mark the work site with "X" on the CLID provided map.

Indicate also the distances in metres from two (2) adjacent boundaries, and attach the map to this Form A package.

Signatures:

Driller:

Licensee:

Date:

Date:

CODE TABLES

DRILLING METHOD

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1 Auger - Hollow Flight	9 Rotary - Percussion - (Down Hole Hammer)
2 Auger - Solid Flight	10 Rotary - Percussion - Foam injection
3 Cable Tool - Drill and Drive Casing	11 Rotary - Reverse circulation - Air
4 Cable Tool - Mud stabilised	12 Rotary - Reverse circulation - Mud
5 Rotary Air	13 Rotary - Coring
6 Rotary - Air/foam	14 Jetted - Air
7 Rotary - Mud	15 Jetted - Water
8 Rotary - Water	16 Other - See page 2, NO 11

WATER BEARING ZONE

4

TEST METHOD			FLOW MEASURING DEVICE		
1 Airlift	6	Pump - Helical Rot	A	Container of known volum	F Weir - Rectangular
2 Bailer	7	Pump - Jet	B	Flow meter	G Weir - V Notch - 60°
3 Pump - Centrifugal	8	Pump - Turbine	C	Flume	H Weir - V Notch - 90°
4 Pump - Cylinder	9	Freeflow	D	Orifice, plate & manomete	I Other
5 Pump - Electric submersil			E	Ultra sonic meter	

CASING / LINER DETAILS

5

MATERIAL				METHOD OF FIXING			
1 A.B.S.	6	PVC - Class 12	11	Steel - Stainless	1	Glued	6 Welded - Butt
2 Aluminium	7	PVC - Class 15	12	Steel - Stainless 304	2	Kwik-lock	7 Welded - Colla
3 Concrete cylinder	8	PVC - Class 18	13	Steel - Stainless 316	3	Packer	8 Other
4 Fibre glass (FRP)	9	Steel - ERW	14	Other	4	Riveted	
5 PVC - Class 9	10	Steel - Galvanised			5	Screwed	

CASING SUPPORT METHOD

TYPE OF CASING BOTTOM

1 Driven into small hole	5	Held in clamp	1	Open end	5	Casing shoe
2 Seated on bottom	6	Other	2	End cap	6	Wash down shoe
3 Seated on backfill			3	Plug - concrete	7	Cementing shoe
4 Cemented			4	Plug - wood	8	Other

WATER ENTRY DESIGN

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OPENING TYPE				SLOT ALIGNMENT	
1 Casing - Bridge slot	7	Casing - Plasma-cut slot	D	Diagonal	
2 Casing - Drilled holes	8	Casing - Perforated in hole	H	Horizontal	
3 Casing - Hand sawn slot	9	Screen - gauze / mesh	V	Vertical	
4 Casing - Louvre slot	10	Screen - round wire	For MATERIAL and FIXING Codes Please refer to CASING DETAILS code table		
5 Casing - Machine slotted	11	Screen - wedge wire			
6 Casing - Oxy cut slot					

GRAVEL PACK - METHOD OF PLACEMENT

7

1 Poured or shovelled into annu	2 Placed through tremie pipe	3 Reverse circulated
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WORK PARTLY BACKFILLED OR ABANDONED - SEALING MATERIAL

11

1 Cement grout	3	Bentonite	5	Clay	7	Gravel
2 Concrete	4	Drilled cuttings	6	Sand	8	Coarse stone

DRILLER'S ROCK STRATA DESCRIPTION

15

Reporting sequence	1	2	3	4	To save confusion, write the <i>full name of colour and abbreviate</i> following: light = lt, dark = dk, fine grained = fg, medium grained = mg, coarse grained = cg. <i>Texture can relate</i> weathered, fractured, broken, hard, soft etc.
	Rock type	Colour	Grain size	Texture	
Example	Sandstone	Dk Grey	mg	Fractured	