

Form A Particulars of completed work

1

Driller's Licence No: _____

Class of Licence: _____

Driller's Name: _____

Assistant Driller: _____

Contractor: _____

New bore Replacement bore

Deepened Enlarged

Reconditioned Other (specify) _____

Final Depth _____ m _____

2

Work Licence No: _____

Name of Licensee: _____

Intended Use: _____

Completion Date: _____

3 DRILLING DETAILS

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

4 WATER BEARING ZONES

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

5 CASING / LINER DETAILS

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 _____ m To _____ m
						Pressure cemented {Yes/No} _____ From _____ m To _____ m
						Casing Protector cemented in place

6 WATER ENTRY DESIGN

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

7 GRAVEL PACK

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: _____
Duration	_____ hrs	_____ hrs	_____ hrs	_____ hrs	_____ hrs	_____ hrs

DISINFECTION ON COMPLETION 9

Chemical(s) used	Quantity applied (Litres)	Method of application

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							
	Stage 2							
	Stage 3							
	Stage 4							
Single stage (constant rate)								

Height of measuring point above ground level _____ m Test Method 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			See Code 11		

Site chosen by: 12

Hydrogeologist Geologist Driller Diviner Client Other _____

Location Coordinates 13

Lot No _____ DP No _____

Work Location Co ordinates Easting _____ Northing _____ Zone **54**

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:



Work Licence No:

DRILLER'S ROCK/STRATA DESCRIPTION (LITHOLOGY)			15
Depth		Description <div style="border: 1px solid black; padding: 2px; text-align: center;">See Code 15</div>	WORK CONSTRUCTION SKETCH
From (m)	To (m)		
0			

WORK NOT CONSTRUCTED BY DRILLING RIG								16
Method of excavation: Hand dug <input type="checkbox"/> Back hoe <input type="checkbox"/> Dragline <input type="checkbox"/> Dozer <input type="checkbox"/> Other <input style="width: 100px;" type="text"/>								
Depth (m)	Length (m)	Width (m)	Diameter (m)	Lining material	Dimensions of liner (m)	From Depth (m)	To Depth (m)	

Please attach copies of the following if available						17
Geologist log	(Yes/No) <input type="checkbox"/>	Laboratory analysis of water Sample	(Yes/No) <input type="checkbox"/>	Pumping test(s)	(Yes/No) <input type="checkbox"/>	
Geophysical log	(Yes/No) <input type="checkbox"/>	Sieve analysis of aquifer material	(Yes/No) <input type="checkbox"/>	Installed Pump details	(Yes/No) <input type="checkbox"/>	

CODE TABLES

DRILLING METHOD

3

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, N0 11

WATER BEARING ZONE

4

TEST METHOD		FLOW MEASURING DEVICE	
1 Airlift	6 Pump - Helical Rot	A Container of known volume	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 & manometer	I Other
5 Pump - Electric submersi		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 - Coll			
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

6

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