



Driller's report of cementing a bore tapping artesian sediments

Development Permit Number of Bore _____ Driller's Log Sheet Number of Bore _____ Date of grouting _____

Condition of hole (Choose one): Stable ☐ Caving ☐ Washouts ☐ Is hole losing fluid? Yes ☐ No ☐

Type of grouting: Outer surface casing ☐ / Inner production casing ☐ / Other (describe) ☐

Has the intended production zone for the bore been drilled yet? Yes ☐ No ☐

If waterbeds mudded off, has pressure been tested? Yes ☐ No ☐ Pressure _____ kPa Time _____

Was circulation established? Yes ☐ No ☐ Circulation free? Yes ☐ No ☐

S.G. of fluid in hole _____ Viscosity of fluid _____ seconds Conductivity of drill fluid? _____

CASING CENTRALISER DETAILS

Were casing centralisers used? Yes ☐ No ☐ Manufacturer/Description _____

Number used _____ Spacing _____ Depth from _____ m to _____ m

METHOD OF GROUTING

Pressure cementing down the centre and up the back of casing ☐ Tremmie pipe pressure cementing ☐ Balance Cementing ☐

How was grout mixed? (Choose one): _____

How was grout placed? (Supply details) _____

BORE GROUTING DETAILS (Provide all calculations on back of page)

Depths to be grouted from _____ m to _____ m Calculated volume of grout _____ L

MIX RECIPE

Bags/Kg _____ Mix Water _____ L

Additives (e.g. Bentonite, Fibreglass, Accelerator, Retarder) – **must all be included when used.** _____

Source of water (bore/dam/creek/swamp/other) _____ pH _____ Conductivity _____

S.G. of grout mixed _____ Viscosity of grout _____ seconds

Follow through fluid _____ L Type of follow through fluid (drill fluid/water) _____

S.G. of follow through fluid _____ Any spacer fluids used? Yes ☐ No ☐

What was final cementing pressure? _____ kPa Did pressure hold on completion? Yes ☐ No ☐

Did grout reach surface? Yes ☐ No ☐ If no, what caused this? _____

What action was taken? _____

How much more grout was mixed? _____

Did grout recede? Yes ☐ No ☐ Top-up quantity _____ L

NOTE: Top-up should be carried out as soon as possible.

How long after cement placement was top-up carried out? _____

How much grout remained inside bore? _____ m Estimated final location of grout column from _____ m to _____ m

Driller's Name _____ Driller's Licence No. _____

Driller's signature _____ Date _____

The completed report must be provided to the department. It is recommended copies are retained by the land holder and registered driller.

BORE CEMENTING CALCULATIONS

Hole Size _____

Outer Casing: OD _____

Wall Thickness _____

Depth _____

Inner Casing: OD _____

Wall Thickness _____

Depth _____

% Grout extra _____

[illegible]