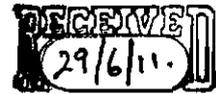


THE NORTHERN TERRITORY OF AUSTRALIA

APPROVED FORM 21 (01/12/10)

STATEMENT OF BORE

As per Water Regulations (2009)



Name of Owner: N.T.Govt	Registration No.: 18603
Location/Address: Pine Hill Station - Arden Soak - Woodforde River	BC Permit No: BCPTT28
Intended Use: Monitoring Bore	

GPS Location: Zone: GDA94 Other: Specify: Easting: Northing:
53K <input type="checkbox"/> <input checked="" type="checkbox"/> WGS 84 328734 7531964

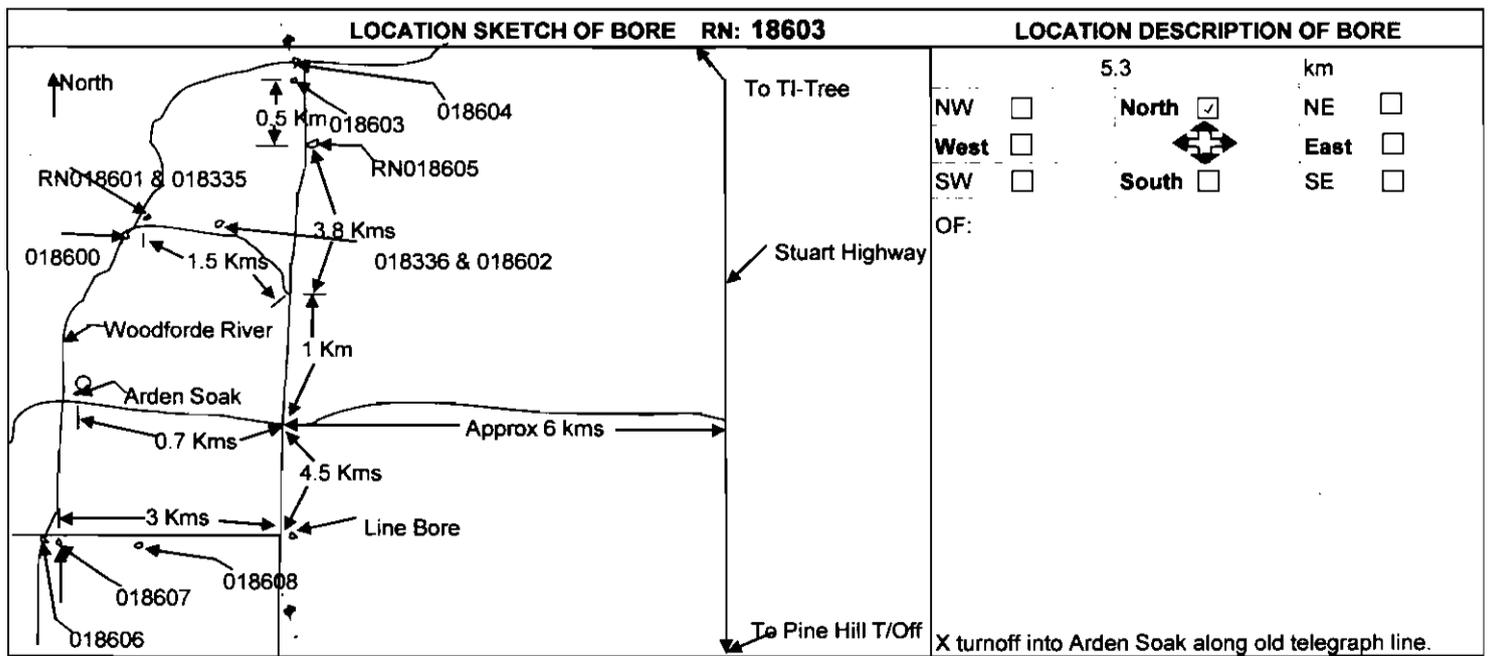
From	To	Particulars of Strata	Name of Drilling Company: NRETAS - Water Resources	
0	0.8	Brown sandy/silt clay	Name of Apprentice Driller: Kallum Peckham Mc-Kenzie	
0.8	4	Brown sandy clay	Name of supervising driller: I McMasters	
4	5	Brown claystone with sand and gravel	Date Commenced: 13/05/2011	
5	12	Brown sandy clay	Date Completed: 16/05/2011	
12	38	Lt Brown-Brown clayish sand	Depth Drilled: 60.79 (m)	
38	45	Soft Lt Brown a Grey S/Stone	Completion Depth: 59.6 (m)	
45	60.79	Coarse Quartz sand with Soft Brown S/Stone		
			METHOD OF DRILLING	
			Other <input type="checkbox"/> Auger <input type="checkbox"/> Rev. Circ. <input type="checkbox"/> Rotary Air <input checked="" type="checkbox"/> Rotary Mud <input type="checkbox"/>	
			Specify:	
			HOLE DIAMETER	
			DRILLING FLUID	
	From (m)	To (m)	Dia. (mm)	Type
	0	5.8	279.4	Air
	5.8	60.79	200	Air

PARTICULARS OF CASING				PARTICULARS OF PERFORATIONS OR SCREEN STRINGS				
From	To	Dia (ID)	Type	From	To	Dia (ID)	Aperture	Type
0	5.8	203.2mm	Steel					
0	58	55mm	PVC	58	59.6	55mm	1.0mm Slotted	Class 12 PVC
"2nd Pizometer"								
0	41.5	55mm	PVC	41.5	42.5	55mm	1.0mm Slotted	Class 12 PVC
42.5	43.5	55mm	PVC					

Casing Suspended: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Top of Packer Set at: (m)
Method:	Length of Packer: (m)
Height of Casing above GL: 0.72m x 219mm OD Steel	Method of Packer Connection:
1st Pizo-0.51m x 60.5mm OD PV Pizo 2-0.47m x 60.5mm OD PVC	

CEMENTING/GRAVEL PACKING			WATER BEARING BEDS							
From	To	Type	Depth (m)	Yield (L/s)	SWL (m)	Duration (hr)	Quality	EC	pH	Bottle No.
0	5.8	Cement	38	48.5	0.7		Good	1316	8.35	No 1
No1-43.5	44.72	Ben Seal		54.7	1.3-2.3		Good	1351	8.37	No 2
44.72	57.2	Sand		60.7	3.7		poor	1917	8.28	No 3
57.2	57.92	Ben Seal								
57.92	59.6	5-7mm Gr								
59.6	60.79	Sand								
STRATA / WATER SAMPLES			Completion Yield:	5 - 6 L/s	(L/s)	Method:	Air	Duration:	15 mins	
Have been <input checked="" type="checkbox"/> Will be <input type="checkbox"/>			Completion SWL from GL:	36.71 m		Depth of Lift:	60 m			
Left at: W/R Depot - A/Springs										

NOTE: No company advertising is to be imprinted on this certificate apart from where requested.



FINAL CONSTRUCTION STATUS

Capped
 Casing Pulled
 Left for Obs.
 Abandoned
 Equipped
 Backfilled
 Other

ADDITIONAL INFORMATION ABOUT THE BORE: (Include any information which may assist for future reference)

Piezometer - -0.25 above ground level to 5.00 m cement. 5.00 m to 40.00 m sand. 40.00 m to 40.95 m bentonite seal. 40.95 m to 42.45 m 5-7mm gra. 42.45 m to 43.50 m bentonite seal.

The bore has a "Jackson Padlock" attached to the bore cap.

Note: The holder of the NT licence shall submit the form to the Department within 28 days of completion of any works.

I certify that the information contained above is true and correct, and that I have complied with the bore licensing requirements and conditions of the Bore Construction Permit as issued if a Bore Construction Permit was required.

Name and licence number of driller: Ian McMasters 24
 Signature and licence number of licensed driller: *Ian McMasters 24*
 Date: 23 / 5 / 2011

FOR OFFICIAL USE ONLY

How Located:		GPS <input checked="" type="checkbox"/>	TST <input type="checkbox"/>	Survey <input type="checkbox"/>	Hand Plotted <input type="checkbox"/>	Other <input type="checkbox"/>
DESCRIPTION OF PROPERTY:						
Rural <input type="checkbox"/>	Mineral <input type="checkbox"/>	Pastoral <input checked="" type="checkbox"/>	Reserve <input type="checkbox"/>	VCL <input type="checkbox"/>	Other <input type="checkbox"/>	
Lease No: 1030	Lot No:	Section No:		Hundred of:		
Portion No: 725	Town of:		Town of:			
Class of Bore:	Town <input type="checkbox"/>	Domestic <input type="checkbox"/>	Investigation <input checked="" type="checkbox"/>	Agriculture <input type="checkbox"/>	Mineral <input type="checkbox"/>	Pastoral <input type="checkbox"/>
Use of Bore:	Production <input type="checkbox"/>	Investigation <input type="checkbox"/>	Irrigation <input type="checkbox"/>	Observation <input type="checkbox"/>	Monitoring <input checked="" type="checkbox"/>	Roads <input type="checkbox"/>
Grid Reference:	AMG <input checked="" type="checkbox"/>	Clark <input type="checkbox"/>	Zone: 53		Scale: 250000	
Easting: 328734	Latitude:		Map Name: NAPPERBY			
Northing: 7531964	Longitude:		Index Map Number: 827		SFS3-09/22	
Date Registered: 28/9/11	Bore Plotted on the map?		Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>	
Dept Officer: N. G. BROWN	Signature: <i>N.G. Brown</i>					
Remarks: RN018603						