

THE NORTHERN TERRITORY OF AUSTRALIA

APPROVED FORM 21 (01/12/10)

STATEMENT OF BORE

As per Water Regulations (2009)

24/8/12

Name of Owner: Northern Territory Government	Registration No.: <b>18892</b>
Location/Address: Pine Hill Station	BC Permit No.: BCPTT34
Intended Use: Monitoring bores	

GPS Location: Zone: GDA94 <input type="checkbox"/> Other: <input type="checkbox"/> Specify: WGS 84	Easting: 347213	Northing: 7535112
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From	To	Particulars of Strata	Name of Drilling Company: NRETAS-Water Resources
0	5.7	Brown to yellow sandy clay and calcrete	Name of Driller: P Pardon
5.7	24.75m	Light brown yellow soft clayish sandstone	Name of supervising driller: I McMasters
24.75	49.15	Brown sandy clay and soft sandstone	Date Commenced: 23/06/2012
49.15	67.45	Grey black soft sandstone with calcrete	Date Completed: 26/06/2012
67.45	68.5	Soft brown sandstone	Depth Drilled: 73.55 m
68.5	73.55	Hard grey and brown sandstone with some quartz	Completion Depth: 73.30 m
<b>METHOD OF DRILLING</b>			
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:			
<b>HOLE DIAMETER</b>			<b>DRILLING FLUID</b>
From (m)	To (m)	Dia. (mm)	Type
0	5.7	269mm	Air
5.7	73.55	203mm	Air

PARTICULARS OF CASING				PARTICULARS OF PERFORATIONS OR SCREEN STRINGS				
From	To	Dia (ID)	Type	From	To	Dia (ID)	Aperture	Type
0	5.7m	203.2mm	Steel					
1stPizo-0	46.5m	50mm	PVC	46.5	47.5	50mm	1.0mm Slotted	Class 12 PVC
	47.5	48.5m	PVC					
2ndPizo-0	59	50mm	PVC	59	60	50mm	1.0mm Slotted	Class 12 PVC
	60	61	PVC					
3rdPizo-0	72	50mm	PVC	72	73	50mm	1.0mm Slotted	Class 12 PVC

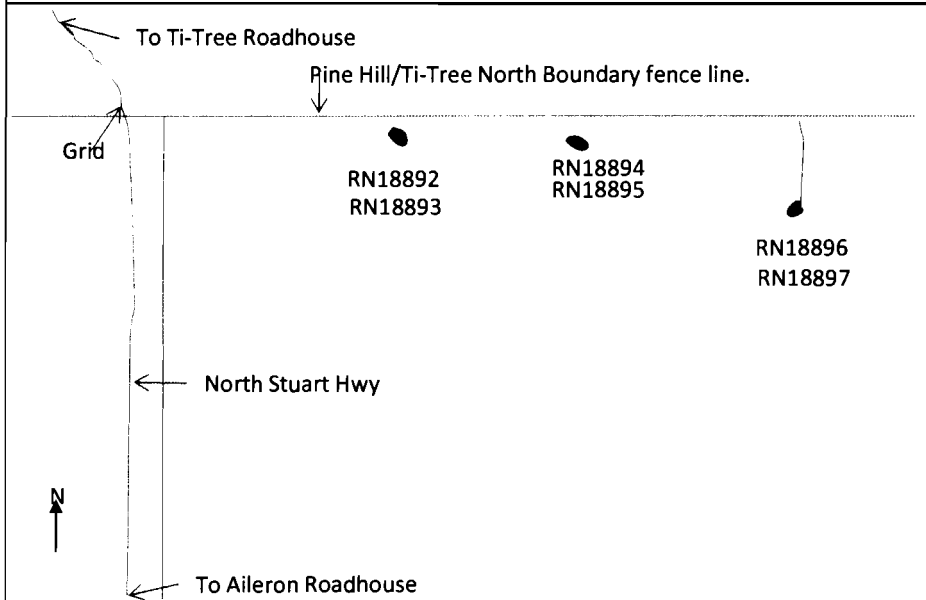
Casing Suspended: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Top of Packer Set at: (m)
Method: Gravelpack & backfill	Length of Packer: (m)
Height of Casing above GL: 1.0m x 219mm OD Steel	Method of Packer Connection:

CEMENTING/GRAVEL PACKING			WATER BEARING BEDS							
From	To	Type	Depth (m)	Yield (L/s)	SWL (m)	Duration (hr)	Quality	EC	pH	Bottle No.
0	5.7	Cement	36.95m	0.7				2106	7.53	1
0	5.03	Cement	48.05m	3.5				2262	7.86	2
5.03	46.5	Sand	73.55m	8				2220	7.73	3
46.5	47	Bentonite								
47	48.46	Gravel								
48.46	48.88	Sand								
STRATA / WATER SAMPLES			Completion Yield: 8 (L/s)	Method: Air	Duration: (hr)					
Have been <input checked="" type="checkbox"/> Will be <input type="checkbox"/>			Completion SWL from GL: 21.26	Depth of Lift: 73.55m						
Left at:W/R Depot-Alice Springs										

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

**LOCATION SKETCH OF BORE RN: 18892**

**LOCATION DESCRIPTION OF BORE**



10.1 kms

NW <input type="checkbox"/>	North <input type="checkbox"/>	NE <input type="checkbox"/>
West <input type="checkbox"/>		East <input checked="" type="checkbox"/>
SW <input type="checkbox"/>	South <input type="checkbox"/>	SE <input type="checkbox"/>

OF:

North Stuart Highway along the northern boundary fence line of Pine Hill and Ti-Tree Stations and approx 40 metres south of fence.

**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)

From 48.88m to 49.66m Bentonite                      Casing details continued -  
 From 49.66m to 58.85m Sand                          50m PVC sump from 73m to 73.30m.  
 From 58.85 to 59.50 Bentonite  
 From 59.50 to 60.70m Gravel  
 From 60.70 to 61.05m Sand  
 From 61.05 to 61.60m Bentonite  
 From 61.60 to 71.15m Sand  
 From 71.15 to 71.45m Bentonite  
 From 71.45 to 72.86m Gravel  
 From 72.86 to 73.55m Sand  
 This bore cap locked with a Jackson Padlock.

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 number of driller: P.Pardon 55                      Signature and licence number of licensed driller:                      Date: 10/07/2012

**FOR OFFICIAL USE ONLY**

How Located:                      GPS                       TST                       Survey                       Hand Plotted                       Other

**DESCRIPTION OF PROPERTY:**

Rural                       Mineral                       Pastoral                       Reserve                       VCL                       Other

Lease No: **1030**                      Lot No:                      Hundred of:                      Portion No: **725**                      Section No:                      Town of:

Class of Bore:                      Town                       Domestic                       Investigation                       Agriculture                       Mineral                       Pastoral                       Other   
 Use of Bore:                      Production                       Investigation                       Irrigation                       Observation                       Monitoring                       Roads                       None

Grid Reference:                      AMG                       Clark                       Zone: **53**                      Scale: **1:250000**

Easting: **347213**                      Latitude:                      Map Name: **Napperby**  
 Northing: **7535112**                      Longitude:                      Index Map Number: **843**                      **Map 22 / SF53-09**  
 Date Registered: **22/10/2012**                      Bore Plotted on the map                      Yes                       No   
 Dept Officer: **N Gibbons**                      Signature: **Ng**

Remarks:  
**RN018892**