

Regulation 8

N.T.A. 181

THE NORTHERN TERRITORY OF AUSTRALIA  
Control of Waters Ordinance

## FINAL STATEMENT OF BORE

22/511

From	To	Description of Strata	Name of Bore:
0.00	6.00	CLAY + RED & WHITE STONE	RN13211
6.00	12.00	LIMESTONE	Name of Property:
12.00	18.00	GALLEN CLAY & SAND	NATURAL BY
18.00	27.16	YELLOW CLAY & SAND	STATION
27.16	62.00	BROWN SAND	Name of Owner:
			Name of Contractor:
			Name of Driller:
Location of Bore: (or supply sketch on back hereof) -			Date of Commencement:
..... 1..... Kilometres			Date of Completion:
① NE of (b) ..... RN13210.....			Total Depth:
S SE			62.00m
E NW			Particulars of Casing: 8" DRUM TO 6.00m
N SW			6" DRUM TO 26.00m
(a) Circle appropriate direction.			Particulars of Perforations or Screens:
(b) Use known point such as existing bore, homestead, outstation etc.			3/8" PERFORATION FROM 26.00m TO 32.74m
Additional information of interest about the bore - DRILLED TO 5.20m WITH 105mm			Water
5.20 TO 40.90m 7" HAMMER. 40.90m TO 62.00m 7 3/4" BLD & REAMER.			1st Supply
SF 53-4			2nd Supply
Map No:			3rd Supply
Grid Reference: 606160			Struck at
Samples of strata and water supplies			Standing Water Level
Have been*			Yield
Will be*			Duration of Test
left at the following trading place:			Water Level During Test
..... W.I.V. OFFICE ..... S.F. ....			Quality:
..... R. Platts ..... (Signature)			Good, Fair, Bad
* Strike out which does not apply.			800 820 830

For office use only:

120.10

6" CASING PULLED 22.2.82 - 8" CAPPED: R. Platts

## WATER ANALYSIS

Department of Transport & Works  
Water Division, Darwin N.T.



Laboratory Register No.

81/1814

Date received in Laboratory

2/11/81

Bottle No.

2451

Time of sampling

1641

Date of sampling

8/10/81

WR 4/1A

## LOCATION AND DETAILS

NAPPERBY R/W 13211 SFS3-9-606160 DISCH 3.0 LPS

DEPTH 24M AREA 328

Proposed water use:- Domestic, Stock, Irrigation, other (specify)

R.S.P. 121

## ANALYSIS — PHYSICAL

<input type="checkbox"/> pH	7.7	<input type="checkbox"/> Colour (Hazen units)	
<input type="checkbox"/> Specific conductance (microsiemens/cm at 25° C)	830	<input type="checkbox"/> Turbidity (NTU's)	
<input type="checkbox"/> Total dissolved solids (mg/l - by evaporation at 180° C)	550	<input type="checkbox"/> Suspended solids (mg/l)	

## ANALYSIS — CHEMICAL (mg/l)

<input type="checkbox"/> Sodium, Na	79	<input type="checkbox"/> Chloride, Cl	56
<input type="checkbox"/> Potassium, K	46	<input type="checkbox"/> Sulphate, SO <sup>4</sup>	53
<input type="checkbox"/> Calcium, Ca	40	<input type="checkbox"/> Nitrate, NO <sup>3</sup>	24
<input type="checkbox"/> Magnesium, Mg	31	<input type="checkbox"/> Bicarbonate, HCO <sup>3</sup>	381
<input type="checkbox"/> Total Hardness (as CaCO <sup>3</sup> )	227	<input type="checkbox"/> Carbonate, CO <sup>3</sup>	
<input type="checkbox"/> Total Alkalinity (as CaCO <sup>3</sup> )	312	<input type="checkbox"/> Fluoride, F	1.7
<input checked="" type="checkbox"/> Iron, (total) Fe	6.4	<input type="checkbox"/> Orthophosphate, PO <sup>4</sup>	
<input type="checkbox"/> Silica, SiO <sup>2</sup>	81	<input type="checkbox"/> NaCl (calc. from chloride)	92

## ANALYSIS — ADDITIONAL (mg/l)

<input type="checkbox"/> Copper, Cu	<input type="checkbox"/> Lead, Pb	<input type="checkbox"/> Arsenic, As
<input type="checkbox"/> Manganese, Mn	<input type="checkbox"/> Zinc, Zn	<input type="checkbox"/> Cadmium, Cd
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

The sample as analysed is considered suitable for:-

Drinking water —

☒ Yes/No

Stock watering —

☐ Yes/No

Irrigation —

☐ Yes/No

Others (specify)

☐ Yes/No

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reported herein have been performed in accordance with  
its terms of registration. This document shall not be  
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PRINTED BY THE GOVERNMENT  
ALICE SPRING  
18 NOV 1981  
DEPT. OF TRANSPORT & WORKS

Analysed By: G. JOHNSTON Date 9/11/81

Boxes marked thus ☒ indicate levels considered undesirable for drinking water by the  
Northern Territory Department of Health.

BORE:

REGISTERED NUMBER 13211

LOCATION: *NAPPERBY*

TESTED BY: V. G.

SF 53-9 606160

DATE TESTED: 21.10.81

Viewed at 16:33:18 on 03/08/2025

58

RN. 13211.

Gravel, Sand, etc

0. 63.00

Water Samples

PH.55 - ZL.85.

9M

P.H.19 - Z.A.49.

18M

ZL.38 - Y.T.37.

22.6

Z.H.51 - P.H.38

24.0

C. M. Simpson

18/1/80

WR 9/1

## DRILLERS LOG

DATE

7/10/81

BORE No.

RN13211 WARRANDY

Driller:

DANBY

Time	Depth	Feet drilled	Mins lapsed	Drillers remark, casing details	BIT DATA				STRING DATA			MUD DATA	
					No.	Size	Type	Worn cond'n	Item	O.D.	Length	Prog. tally	
11:00	—	—	—	MOVE TO RN13210					10 1/2" DIA 13 1/2"				
				DRILL TO 5.20m WITH 10 1/2" Reel		10 1/2"	Reel	USED					1.70
				CONT DRILLING WITH 7" Hammer		7"	Reel	USED					
12:40	5.12m	5m		clay & Red siltstone									
				ADD Hammer for all drilling									
13:00	6.00m	1m		AS ABOVE									
				20m 7 1/2"					7 1/2" 12 1/2" 600				
15:10	12.20m	6m		Limestone		W/R 9.00	1/2" 1/2"		CONDUCT 800				PH-21-85
				20m 7 1/2"					7 1/2" 12 1/2" 600 12m				
15:40	18.00m	1.0m		CRAYON clay & sand		INCREASE	TO 2 1/2"		CONDUCT 870				PH-19-7A65
				20m 7 1/2"					7 1/2" 12 1/2" 12m				
16:00	20.00m	1.0m		yellow clay & sand		INCREASE	TO 3 1/2"		CONDUCT 830				26.85-71.37
				20m 7 1/2"					7 1/2" 12 1/2" 12m				
16:30	27.16m	7.16m		AS ABOVE									
				PULL BACK									

WR 9/1

## DRILLERS LOG

DATE 8/10/81

BORE No. RN13211 NAPPALBY

Driller: DARTY

Time	Depth	Feet drilled	Mins lapsed	Drillers remark, casing details	BIT DATA				STRING DATA			MUD DATA		
					No.	Size	Type	Worn cond'n	Item	O.D.	Length	Prog. tally		
0730	2716	/		End of		7"	Butt	used	Hammerhead			4.5012		
0800	/	/		Gravelly Rib bit								1.70		
												24.76		
0845	/	/		add 7/16				3	7/16	4 1/2	4.5	25.74		
0910	3174	4.54		Brown sand & clay				4	7/16	4 1/2	4.5	30.32		
				add 7/16										
0930	3632	4.58		At Brown				5	7/16	4 1/2	4.5	34.90		
				add 7/16										
0940	4090	4.58		At Brown										
				Bit Blowing Pull out										
				+ changing to 7 1/4 Bld Bit.										
1120	/	/		add 7/16				6	7/16	4 1/2	4.5	39.48		
1140	4544	4.58		Brown sand										
				Change out Drain										
1150	/	/		add 7/16				7	7/16	4 1/2	4.5	44.06		
1210	5046	4.58		Gravelly sand										
				add 7/16				8	7/16	4 1/2	4.5	48.64		
1230	5444	4.58		At Brown & Iron stone				9	7/16	4 1/2	4.5	53.22		
				add 7/16										
1250	5971	4.58		At Brown & Grey sand										
				add 7/16										
1345	6222	3.00		Brown sand & Hard Rock										
1400	6280	0.08		Hard Bedrock										
				Pull Rock & change out Drain to TBS Supply										

E. D. ATKINSON, Government Printer, Darwin

## DRILLERS LOG

E 8/10/81

BORE No. RN13211 NABBERBY

Driller: DALLY

Depth	Feet drilled	Mins lapsed	Drillers remark, casing details	BIT DATA				STRING DATA			MUD DATA	
				No.	Size	Type	Worn cond'n	Item	O.D.	Length	Prog. tally	
	/		THIS SUPPLY (3 1/2 CONDUIT 810)									
			NID INDICATOR AFTER 72.5 Yd									
			Run 6" casing									
			6" casing details									
			6.62 3/8 PERC & PLATE ON BOTTOM									
			6.56 13 18									
			6.56 19.74									
			6.55 26.29									
			6.45 32.74									
			(3 1/2 CONDUIT 24.51 - 14 38)									
			860									
			3/8 NEBF SET FROM 26.06 TO 32.74									
			SWL 8082									

22/511

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R/N

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DEPTH 24M ALA 328

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Analysed By: G. JOHNSON

Date 9/11/81

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