

Regulation 8

N.T.A. 181

THE NORTHERN TERRITORY OF AUSTRALIA

Control of Waters Ordinance

FINAL STATEMENT OF BORE

RN 13217
22/517

From	To	Description of Strata	Name of Bore:
6.00	6.00	Brown loam & clay	RN 13217
6.00	18.00	Brown clay	Name of Property:
18.00	36.32	Green clay	NADDERBY
36.32	45.48	Brown clay & stone	Description of Property:
45.48	54.22	Grey sandy clay	Station
54.22	67.80	Grey & red sandy clay	Name of Owner:
67.80	72.96	Red clay	Name of Contractor:
72.96	77.54	Brown clay & red stone	W.I.V.
77.54	82.12	Red clay	Name of Driller:
82.12	86.70	Red & white clay	Danoy
86.70	91.28	White clay & stone	Date of Commencement:
91.28	95.86	As above	21/10/81
Location of Bore: (or supply sketch on back hereof) -			Date of Completion:
..... Kilometres			26/10/81
N	NE	of (b)	Total Depth:
S	SE	from P.O. Creek	104.00m
E	NW	along Main Hwy	Particulars of Casing:
SW			NIV
(a) Circle appropriate direction.			Particulars of Perforations or Screens:
(b) Use known point such as existing bore, homestead, outstation etc.			Back filled
Additional information of interest about the bore - Drilled to 600m with 10 1/2" Rebar Bit. 6m to 104m 8" Hammer			Water
Map No: SF 53-9			1st Supply
Grid Reference: 603174			2nd Supply
Samples of strata and water supplies			3rd Supply
Will be*			Struck at
left at the following trading place:			45.48m
W.I.V. OF 12th Apr			5000
.....			91.28
(Signature)			Standing Water Level
* Strike out which does not apply.			3580m
			Yield
			4 1/2
			3 1/2 LBS
			3/4 LBS
			1 3/4 LBS
			Duration of Test
			Water Level During Test
			Quality:
			Good
			3,600
			3,200
			3,100

For office use only:

WATER ANALYSIS

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



Laboratory Register No.

81/1888

Date received in Laboratory

12/11/81

Bottle No.

PH15

Time of sampling

1525

Date of sampling

24/10/81

WR 4/1A

LOCATION AND DETAILS

NAPPERBY STATION R/N 13217 SF53-9-603174 DISCH 1.745

DEPTH 91.28M AKA 328

R.S.P. 121

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

ANALYSIS — PHYSICAL

<input type="checkbox"/> pH	7.4	<input type="checkbox"/> Colour (Hazen units)
<input type="checkbox"/> Specific conductance (microsiemens/cm at 25° C)	3320	<input type="checkbox"/> Turbidity (NTU's)
<input checked="" type="checkbox"/> Total dissolved solids (mg/l - by evaporation at 180° C)	2010	<input type="checkbox"/> Suspended solids (mg/l)

ANALYSIS — CHEMICAL (mg/l)

<input type="checkbox"/> Sodium, Na	500	<input checked="" type="checkbox"/> Chloride, Cl	810
<input checked="" type="checkbox"/> Potassium, K	48	<input type="checkbox"/> Sulphate, SO ₄	265
<input type="checkbox"/> Calcium, Ca	112	<input type="checkbox"/> Nitrate, NO ₃	6
<input type="checkbox"/> Magnesium, Mg	52	<input type="checkbox"/> Bicarbonate, HCO ₃	264
<input type="checkbox"/> Total Hardness (as CaCO ₃)	493	<input type="checkbox"/> Carbonate, CO ₃	
<input type="checkbox"/> Total Alkalinity (as CaCO ₃)	217	<input checked="" type="checkbox"/> Fluoride, F	1.8
<input checked="" type="checkbox"/> Iron, (total) Fe	UNSUITABLE FOR ANALYSIS	<input type="checkbox"/> Orthophosphate, PO ₄	
<input type="checkbox"/> Silica, SiO ₂	18	<input checked="" type="checkbox"/> NaCl (calc. from chloride)	1340

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

This Laboratory is registered by the National
Association of Testing Authorities, Australia. The test(s)
reported herein have been performed in accordance with
its terms of registration. This document shall not be
reproduced except in full.

RECEIVED
7 DEC 1981
DEPT. OF TRANSPORT & WORKS

Analysed By: G. JOHNSTON

Date: 12/81

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

BORE:

REGISTERED NUMBER 13217

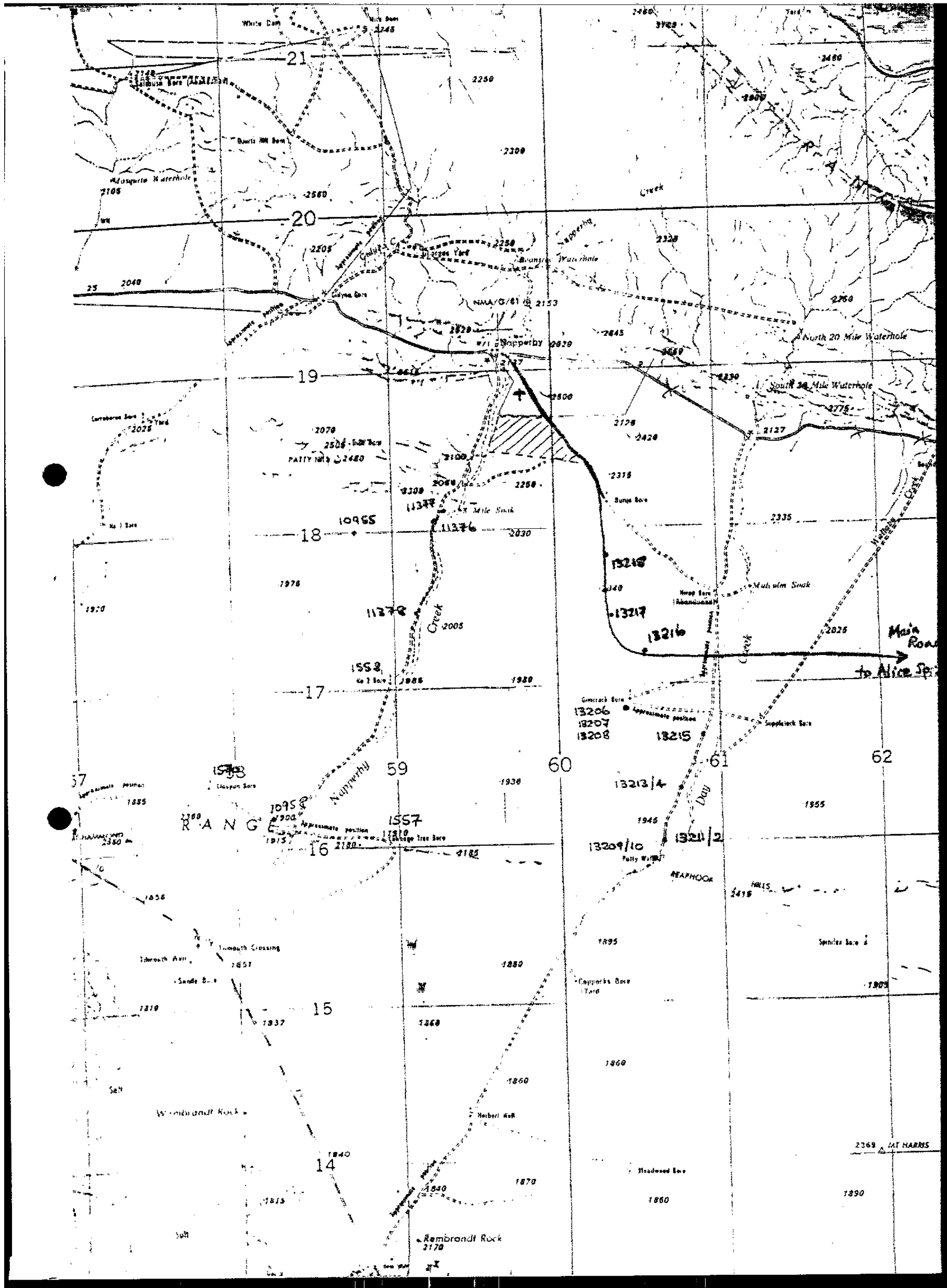
LOCATION: NARPERBY

TESTED BY: V. G.

SF 53-9 603174

DATE TESTED: 4.11.81

$$NO_3 = \angle 30$$



64

RN-13217

Water Samples

0. 109. 60

Water Samples

P.B. 38- MW. 18 45.48

P.G. 22- 20.45 50.06

P.H. 15. PH 7. 9.28

R. M. M. M.
19/1/82

WR 9/1

DRILLERS LOG

DATE 21/10/81

BORE No. RN13217 HOBART

Driller: P. M. M. V.

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			
1250	-	-		9 ft up + drill to WITH 10% Gallen Bit		10 1/2	Roll	✓	Hammer Body Bit 1200		1.70				
1252	6m	6m		Brown iron clay soon D/L					D/L 4 1/2	600					
1445	12m	6m		Brown clay soon D/L					D/L 4 1/2	600	1200				
1500	18m	6m		AS ABOVE soon D/L				✓	D/L 4 1/2	450	1650				
1504	23m	5m		CLAY CHANG soon D/L				✓	D/L 4 1/2	450	2100				
1508	27m	4m		AS ABOVE soon D/L				✓	D/L 4 1/2	450	2550				
1610	31m	4m		AS ABOVE soon D/L				✓	D/L 4 1/2	450	3000				
1612	36m	5m		AS ABOVE Lib up Bull 1300				✓	D/L 4 1/2	450	3450				

WR 9/1

DRILLERS LOG

DATE.

BORE No.

BORE No. RN13217 MARPLES

Driller:

2007

[illegible]

F. D. ATKINSON, Government Printer, Darwin

WR 9/1

DRILLERS LOG

DATE

24/10/81

BORE No.

RN013217

NARRABURY

Driller:

D. B. Y.

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	
	1140	36 92		CRUISE RADIATOR FROM		8"	BIT	USED	HAMMER	3.003	1.70		
	1140	36 92										36 92	56 32
	1140	36 92		ADD DIP				5	DIP	4 1/2	4 58	34 90	
	1206	45 58		BROWN CLAY & STONE				6	DIP	4 1/2	4 58	34 90	
	1206	45 58		AND DIP									
	1225	45 58		AS ABOVE (W/L 1/2 L/S CONDUCT 3.100)									39.64
	1225	45 58											PH 3.5 - 7.10.18
	1245	45 58		ADD DIP				7	DIP	4 1/2	4 58	34 90	
	1245	45 58		GRAY SANDY CLAY (INCORPORATE TE 3/4 L/S CONDUCT 3.700)									PH 2.2 - 7.0.15
	1300	45 58		AND DIP (CONDUCT)				8	DIP	4 1/2	4 58	34 90	
	1300	45 58		AS ABOVE									
	1326	45 58		AND DIP				9	DIP	4 1/2	4 58	34 90	
	1326	45 58		AS ABOVE									
	1350	45 58		AND DIP				10	DIP	4 1/2	4 58	34 90	
	1350	45 58		GRAY & RED SANDY CLAY									
	1410	45 58		AND DIP				11	DIP	4 1/2	4 58	34 90	
	1410	45 58		RED CLAY									
	1435	45 58		AND DIP				12	DIP	4 1/2	4 58	34 90	
	1435	45 58		AS ABOVE									
	1450	45 58		AND DIP				13	DIP	4 1/2	4 58	34 90	
	1450	45 58		BROWN CLAY & RED STONE									
	1515	45 58		AND DIP				14	DIP	4 1/2	4 58	34 90	
	1515	45 58		RED CLAY									
	1540	45 58		AND DIP				15	DIP	4 1/2	4 58	34 90	
	1540	45 58		RED SANDY CLAY									
	1540	45 58		AND DIP				16	DIP	4 1/2	4 58	34 90	
	1540	45 58		WHITE CLAY & STONE (INCORPORATE 1 1/4 L/S CONDUCT 3.100)									PH 1.5 - PH 7

WR 9/1

DRILLERS LOG

DATE 26/10/81

BORE No. 8 H/L WEST DAY CREEK
MARLBOROUGH RN13217

Driller: PARLBY

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	95.16	✓		ADD		8"	BIT	✓	RIAMING	RODY	BIT 4.8	1.70		
0800	—	—		RUN DOWN										
				HOLD KAUHAI IN 14" CHAM										
				OUT TO 9500 + ADD DIP										
0900	—	—		ADD DIP					18" DIP	2 1/2	4.58	94.44		
0925	100.44	1.17		BROWN WHITE SAND + SANDSTONE					14" DIP	2 1/2	4.58	99.02		
				ADD DIP										
0945	105.02	4.58		AT AROUND					20" DIP	2 1/2	4.58	103.60		
				ADD DIP										
1010	109.60	4.58		AT AROUND										
				RUN DOWN + CHARGE TO BLD RST		7 1/2"	BLD	✓						
				FINE SAND FILLING IN + SUMMIT RST										
				RUN OUT SWL 5580m										

Regulation 8

RN013217

THE NORTHERN TERRITORY OF AUSTRALIA

Control of Waters Ordinance

FINAL STATEMENT OF BORE

RN 13217

22/517

From	To	Description of Strata	Name of Bore:
0.00	6.00	BROWN LOAM & CLAY	RN 13217
6.00	18.00	BROWN CLAY	Name of Property:
18.00	36.32	GREEN CLAY	Northern Territory
36.32	45.48	BROWN CLAY & STONE	Description of Property:
45.48	54.22	GLY SANDY CLAY	Station
54.22	67.80	GRAY & RED SANDY CLAY	Name of Owner:
67.80	72.46	RED CLAY	
72.46	77.54	BROWN CLAY & RED STONE	Name of Contractor:
77.54	82.12	RED CLAY	W. F. U.
82.12	86.70	RED & WHITE CLAY	Name of Driller:
86.70	91.28	WHITE CLAY & STONE	Parody
91.28	95.86	AS ABOVE	Date of Commencement:
Location of Bore: (or supply sketch on back hereof) -			21/10/81
..... Kilometres			Date of Completion:
of (b)			26/10/81
From J. J. CRACK			Total Depth:
along Main Hwy			104.00m
(a) Circle appropriate direction.			Particulars of Casing:
(b) Use known point such as existing bore, homestead, outstation etc.			NIV
Additional information of interest			Particulars of Perforations or Screens:
about the bore - Drilled to bottom with 10 1/2 inch Bit. 6m to 104m 8" Hammer			Back filled
Bore No: SF 53-9			Water
Grid Reference: 603174			1st Supply
Samples of strata and water supplies			2nd Supply
Will be*			3rd Supply
Left at the following trading place:			Struck at
W. F. U. 25/12/81			45.48m
(Signature)			3000
Strike out which does not apply.			91.28
For office use only:			Standing Water Level
52.127			35.80m
			Yield
			4 1/2
			2 1/2
			3 1/4
			1 3/4
			Duration of Test
			Water Level During Test
			Quality:
			Good
			3,600
			3,200
			3,100