

N.T.A. 152

## NORTHERN TERRITORY ADMINISTRATION—WATER RESOURCES BRANCH

WATER ANALYSIS

40/318 ✓

Sample No. 71/0053 Date received in Laboratory 26.1.71  
 Time and date of sampling 1.6.70  
 Location and details Tennant Creek Warrego  
R.N. 7135 I.N. 40/318 W.S. 19 3rd sample 6000 gph

Analysis in parts per million— p.p.m. (unless otherwise stated)—

Appearance	Taste and odour
Conductivity (Micromhos/cm <sup>2</sup> )	pH
at 25°C <u>3090</u>	<u>8.1</u>
Total dissolved solids <u>1900</u>	Hardness, total <u>407</u>
Suspended solids	Hardness, temporary <u>332</u>
Total solids	Hardness, permanent <u>75</u>

Anions—

Chloride 614  
 Sulphate 375  
 Nitrate 29  
 Nitrite  
 Carbonate  
 Bicarbonate 405  
 Fluoride 1.9  
 Silica 32  
 Boron  
 Alkalinity 332  
 Turbidity  
 Phosphate <1

Cations—

Sodium 506  
 Potassium 78  
 Calcium 38  
 Magnesium 76  
 Ammoniacal nitrogen  
 Iron 0.1  
 Aluminium  
 Selenium  
 Arsenic  
 Copper  
 Lead  
 Manganese

Analysed by Miep DobbeDate 4.6.71

REMARKS: The sample as tested is chemically unsuitable for human consumption according to World Health Organisation Drinking Water Standards due to excessive total dissolved solids - suitable for stock

## BORE DATA - MASTER INDEX - COMPUTER INPUT SHEET

Condition ABDRN 7135 INDEX 40/318NAME (30) NS20.LOCATION (30) 21<sup>st</sup> WEST OF NISO PUMPING STN.CADASTRAL (35) PHILLIP CREEK PL 831S/NAV GPS/TRANS EL     H     V     CT     NO     TIME    ANG     ZONE 53 EASTING 349 NORTHING 7848.LATITUDE 19° 28' LONGITUDE 133° 34'LOCATION PRECISION S. MAPAWRC BASIN NUMBER 1208 (4)OLD IMP GRID SE 53/14-120-560 1:250000 TOWANT CREEKNEW IMP GRID COMP/CONVERSION    DISCHARGE     LPS. DEPTH SAMPLED     METHOD    SAMPLE NO.     TIME     HRS. DATE    TEMP     PH     CONDUCTIVITY     OTHER    T-DEPTH IF MEASURED     METERSSWL IF MEASURED     METERS- TIME     DATE    CASING/WELL ABOVE GROUND BY 0.30 MBORE EQUIPPED WITH 6" STEEL ROTTEN AROUND CONCRETE BLOCK  
AROUND CASING.COMMENTS: PIPE SEEPAGE RUNS BACK DOWN THIS BORE.TAG LOCATION: ON CONCRETE BLOCKUSED FOR: N/AINSPECTING OFFICER R. MarksDATE 9-11-89

N.T.A. 152

NORTHERN TERRITORY ADMINISTRATION—WATER RESOURCES BRANCH

WATER ANALYSIS

40/318

Sample No. 71/0054 Date received in Laboratory 26.1.71Time and date of sampling 31.5.70Location and details Tennant Creek WarregoR.N. 7135 I.N. 40/318 W.S. 19 2nd sample 6000 gphAnalysis in parts per million— p.p.m. (unless otherwise stated)—

Appearance \_\_\_\_\_

Taste and odour \_\_\_\_\_

Conductivity (Micromhos/cm<sup>2</sup>)at 25°C 2940pH 8.1Total dissolved solids 1870Hardness, total 373

Suspended solids \_\_\_\_\_

Hardness, temporary 288

Total solids \_\_\_\_\_

Hardness, permanent 85Anions—Cations—Chloride 624Sodium 488Sulphate 375Potassium 81Nitrate 29Calcium 21

Nitrite \_\_\_\_\_

Magnesium 78

Carbonate \_\_\_\_\_

Ammoniacal nitrogen \_\_\_\_\_

Bicarbonate 351Iron 0.7Fluoride 1.9

Aluminium \_\_\_\_\_

Silica 32

Selenium \_\_\_\_\_

Boron \_\_\_\_\_

Arsenic \_\_\_\_\_

Alkalinity 288

Copper \_\_\_\_\_

Turbidity \_\_\_\_\_

Lead \_\_\_\_\_

Phosphate <1

Manganese \_\_\_\_\_

Analysed by Miep DobbeDate 4.6.71

REMARKS: The sample as tested is chemically unsuitable for human consumption according to World Health Organisation Drinking Water Standards due to excessive total dissolved solids - suitable for stock.

PUMP TEST - BORE WS19

40/318

Test carried out by Boretest Pty. Ltd.

DRAWDOWN Measurement for Bore: Prod.  
 Test Number: 4 Date: 31/5/70  
 Test Type: Long term constant rate  
 Measuring Equipment: Taylor air bleed recorder  
 W.L. from M.P. at commencement of Test: 102.3" 43.3

Time (min)	Drawdown (feet)	Discharge (GPH)	Comments
0	3.0		
10	4.0		
20	4.5		
30	4.8		
40	5.0		
50	5.2		
60	5.3		
70	5.4		
80	5.5		
90	5.6		
100	5.7		
110	5.8		
120	5.9		
130	5.9		
140	5.9		
150	5.9		
160	5.9		
170	5.9		
180	5.9		
190	5.9		
200	5.9		
210	5.9		
220	5.9		
230	5.9		
240	5.9		
250	5.9		
260	5.9		
270	5.9		
280	5.9		
290	5.9		
300	5.9		
310	5.9		
320	5.9		
330	5.9		
340	5.9		
350	5.9		
360	5.9		
370	5.9		
380	5.9		
390	5.9		
400	5.9		
410	5.9		
420	5.9		
430	5.9		
440	5.9		
450	5.9		
460	5.9		
470	5.9		
480	5.9		
490	5.9		
500	5.9		
510	5.9		
520	5.9		
530	5.9		
540	5.9		
550	5.9		
560	5.9		
570	5.9		
580	5.9		
590	5.9		
600	5.9		
610	5.9		
620	5.9		
630	5.9		
640	5.9		
650	5.9		
660	5.9		
670	5.9		
680	5.9		
690	5.9		
700	5.9		
710	5.9		
720	5.9		
730	5.9		
740	5.9		
750	5.9		
760	5.9		
770	5.9		
780	5.9		
790	5.9		
800	5.9		
810	5.9		
820	5.9		
830	5.9		
840	5.9		
850	5.9		
860	5.9		
870	5.9		
880	5.9		
890	5.9		
900	5.9		
910	5.9		
920	5.9		
930	5.9		
940	5.9		
950	5.9		
960	5.9		
970	5.9		
980	5.9		
990	5.9		
1000	5.9		
1010	5.9		
1020	5.9		
1030	5.9		
1040	5.9		
1050	5.9		
1060	5.9		
1070	5.9		
1080	5.9		
1090	5.9		
1100	5.9		
1110	5.9		
1120	5.9		
1130	5.9		
1140	5.9		
1150	5.9		
1160	5.9		
1170	5.9		
1180	5.9		
1190	5.9		
1200	5.9		
1210	5.9		
1220	5.9		
1230	5.9		
1240	5.9		
1250	5.9		
1260	5.9		
1270	5.9		
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1360	5.9		
1370	5.9		
1380	5.9		
1390	5.9		
1400	5.9		
1410	5.9		
1420	5.9		
1430	5.9		
1440	5.9		
1450	5.9		
1460	5.9		
1470	5.9		
1480	5.9		
1490	5.9		
1500	5.9		
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1540	5.9		
1550	5.9		
1560	5.9		
1570	5.9		
1580	5.9		
1590	5.9		
1600	5.9		
1610	5.9		
1620	5.9		
1630	5.9		
1640	5.9		
1650	5.9		
1660	5.9		
1670	5.9		
1680	5.9		
1690	5.9		
1700	5.9		
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1850	5.9		
1860	5.9		
1870	5.9		
1880	5.9		
1890	5.9		
1900	5.9		
1910	5.9		
1920	5.9		
1930	5.9		
1940	5.9		
1950	5.9		
1960	5.9		
1970	5.9		
1980	5.9		
1990	5.9		
2000	5.9		
2010	5.9		
2020	5.9		
2030	5.9		
2040	5.9		
2050	5.9		
2060	5.9		
2070	5.9		
2080	5.9		
2090	5.9		
2100	5.9		
2110	5.9		
2120	5.9		
2130	5.9		
2140	5.9		
2150	5.9		
2160	5.9		
2170	5.9		
2180	5.9		
2190	5.9		
2200	5.9		
2210	5.9		
2220	5.9		
2230	5.9		
2240	5.9		
2250	5.9		
2260	5.9		
2270	5.9		
2280	5.9		
2290	5.9		
2300	5.9		
2310	5.9		
2320	5.9		
2330	5.9		
2340	5.9		
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2360	5.9		
2370	5.9		
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2390	5.9		
2400	5.9		
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2450	5.9		
2460	5.9		
2470	5.9		
2480	5.9		
2490	5.9		
2500	5.9		
2510	5.9		
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2760	5.9		
2770	5.9		
2780	5.9		
2790	5.9		
2800	5.9		
2810	5.9		
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2830	5.9		
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2860	5.9		
2870	5.9		
2880	5.9		
2890	5.9		
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2970	5.9		
2980	5.9		
2990	5.9		
3000	5.9		
3010	5.9		
3020	5.9		
3030	5.9		
3040	5.9		
3050	5.9		
3060	5.9		
3070	5.9		
3080	5.9		
3090	5.9		
3100	5.9		
3110	5.9		
3120	5.9		
3130	5.9		
3140	5.9		
3150	5.9		
3160	5.9		
3170	5.9		
3180	5.9		
3190	5.9		
3200	5.9		
3210	5.9		
3220	5.9		
3230	5.9		
3240	5.9		
3250	5.9		
3260	5.9		
3270	5.9		
3280	5.9		
3290	5.9		
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3490	5.9		
3500	5.9		
3510	5.9		
3520	5.9		
3530	5.9		
3540	5.9		
3550	5.9		
3560	5.9		
3570	5.9		
3580	5.9		
3590	5.9		
3600	5.9		
3610	5.9		
3620	5.9		
3630	5.9		
3640	5.9		
3650	5.9		
3660	5.9		
3670	5.9		
3680	5.9		
3690	5.9		
3700	5.9		
3710	5.9		
3720	5.9		
3730	5.9		
3740	5.9		
3750	5.9		
3760	5.9		
3770	5.9		
3780	5.9		
3790	5.9		
3800	5.9		
3810	5.9		
3820	5.9		
3830	5.9		
3840	5.9		
3850	5.9		
3860	5.9		
3870	5.9		
3880	5.9		
3890	5.9		
3900	5.9		

THE NORTHERN TERRITORY OF AUSTRALIA

N.T.A. 181

## Control of Waters Ordinance

Regulation 8.

**FINAL STATEMENT OF BORE**

\*RN007135\*

From	To	Description of Strata	Name of Bore—
0	20	Sandy Clay	WS 19
20	50	Sandy Clay, Chert & Quartz	Name of Property—
50	140	Sandy Clay, Chert & Quartz	WARREGO
140	280	Caves no returns	Description of Property—
			MINING
			Name of Owner—
			PAKO MINES NO LIABILITY
			Name of Contractor—
			GOREY & COLE DRILLERS PTY. LIMITED
			Name of Driller—
			OTTO LOZERIS
			Date of Commencement—
			25/5/70
			Date of Completion—
			26/5/70
			Total Depth—
			280 FEET
			Particulars of Casing—
			260 FEET 6" DIAMETER CASING
			Particulars of Perforations or Screens—
			220 - 240' 1/2" DRILLED PERFORATIONS
			Water
			1st Supply
			2nd Supply
			3rd Supply
			Struck at
			Standing Water Level
			Pumping Supply : G.P.H.
			7,000 G.P.H.
			Duration of Pump Test
			Water Level During Test
			Quality : Good, Fair or Bad
			FAIR

Location of Bore (or supply sketch on back hereof)—

Miles

(a) 

N	NE
S	SE
E	NW
W	SW

 of (b) Adjacent to

WS 19

Abandoned


(a) Circle appropriate direction.  
(b) Use known point such as existing bore, homestead, outstation, etc.

Additional information of interest about the bore—

WISO STANDBY BORE

Samples of strata and water supplies have been\* ~~will be~~ left at the following trading place—

M. & W.R.B. ALICE SPRINGS

  
Signature

\*Strike out which does not apply.

For office use only—

N.T.A. 152

NORTHERN TERRITORY ADMINISTRATION—WATER RESOURCES BRANCHWATER ANALYSISSample No. 71/0051 Date received in Laboratory 26.1.71Time and date of sampling 31.5.70Location and details Tennant Creek Warrago WS19Sample No. 1 R.N. 7135 I.N. 40/318 6000 gphAnalysis in parts per million— p.p.m. (unless otherwise stated)—

Appearance \_\_\_\_\_

Taste and odour \_\_\_\_\_

Conductivity (Micromhos/cm<sup>2</sup>) \_\_\_\_\_at 25°C 3080pH 7.7Total dissolved solids 1850Hardness, total 368

Suspended solids \_\_\_\_\_

Hardness, temporary 276

Total solids \_\_\_\_\_

Hardness, permanent 92Anions—Cations—Chloride 662Sodium 490Sulphate 375Potassium 83Nitrate 33Calcium 40

Nitrite \_\_\_\_\_

Magnesium 80

Carbonate \_\_\_\_\_

Ammoniacal nitrogen \_\_\_\_\_

Bicarbonate 336Iron not determinedFluoride 1.9

Aluminium \_\_\_\_\_

Silica 32

Selenium \_\_\_\_\_

Boron \_\_\_\_\_

Arsenic \_\_\_\_\_

Alkalinity 276

Copper \_\_\_\_\_

Turbidity \_\_\_\_\_

Lead \_\_\_\_\_

Phosphate <1

Manganese \_\_\_\_\_

Analysed by Judith A. GrimesDate 28.5.71REMARKS:

The sample as tested is chemically unsuitable for human consumption according to World Health Organisation Drinking Water Standards due to excessive total dissolved solids - suitable for stock.

N.T.A. 152

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 Selenium  
 Arsenic  
 Copper  
 Lead  
 Manganese

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