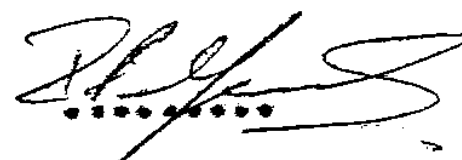


## BORE DATA - MASTER INDEX - COMPUTER INPUT SHEET

Condition c/sRN 14408 INDEX 40/64NAME (30) RIMB SCORELOCATION (30) 10M SW OF MILL. UNDER FENCE.CADASTRAL (35) TENNANT CK PL 779S/NAV GPS/TRANS EL 53 AZM 036 H 2.2 V 5.0 CT NO 4 NO'S C/N 44.AMG --- ZONE 53 EASTING 388845 NORTHING 7814753LATITUDE 19 45 583 LONGITUDE 133 56 342LOCATION PRECISION 4AWRC BASIN NUMBER 1208 (4)OLD IMP GRID SE53/40 163-524NEW IMP GRID COMP/CONVERSION 163731-2524119RSP --- DISCHARGE --- LPS. DEPTH SAMPLED ---SAMPLE NO. --- TIME --- HRS.T-DEPTH IF MEASURED 2m METERSSWL IF MEASURED --- METERSBORE EQUIPPED WITH ---COMMENTS: ---TAG LOCATION: Top of casingUSED FOR: NICINSPECTING OFFICER [Signature] DATE 18-5-88

A7.

- 0-33' Fine to medium grained slightly calcareous yellowish grey clayey sand. Many of the sand grains are feruginised. Samples probably from pallid zone of a weathering profile
- 33- 34' Red brown laterite fragments.
- 34-50' Red-brown and white silty sand with grains sub-rounded



I.P. YOULES

Resident Geologist.  
2.9.64.

# N.T.A. WATER RESOURCES BRANCH

## BORE DATA SHEET

SE 53-14  
164524

20m W of cabbage gum bore. ES3/4-144

NAME	LIMESTONE BORE.	<del>ATB/2 ?</del>	INDEX No.	40/64
LOCALITY	T.B.C.		REG. No.	4408
DEPTH	50 ft.		FILE No.	

CASINGS	PERFORATIONS
Nil. 45 x 5"	SCREENS

LOCATION	SURFACE R.L.	B M R.L.	DATUM
40 / 1 / 30-0 E 11-25 N			

CONTRACTOR	DRILLER	DATE STARTED	DATE FINISHED
G.P. PERRY.	G.P. PERRY	13/6/64	23/6/64

WATER	STRATA SECTION
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AQUIFERS	DEPTH FEET	CASING	AQU	SEC.	STRATA
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DEPTH STRUCK	34	none	none.		
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AQUIFER THICKNESS					
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STANDING WATER LEVEL	27				Limestone.
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PUMP TEST G.P.H.	800				Lime iron & quartz rubble.
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DRAWDOWN LEVEL					Lime quartz grit.
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PUMP LEVEL					
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DURATION OF TEST HOURS	1 hour.				
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R.L. S.W.L.					
-------------	--	--	--	--	--

WATER TEMPERATURE °C					
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TRANSMISSIBILITY					
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STORAGE COEFF					
---------------	--	--	--	--	--

ANALYSES					
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BINOMIAL CLASSIFICATION					
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T. D. S.					
----------	--	--	--	--	--

CONDUCTIVITY					
--------------	--	--	--	--	--

TOTAL HARDNESS					
----------------	--	--	--	--	--

CHLORIDE					
----------	--	--	--	--	--

BICARBONATE					
-------------	--	--	--	--	--

CARBONATE					
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SULPHATE					
----------	--	--	--	--	--

NITRATE					
---------	--	--	--	--	--

FLUORIDE					
----------	--	--	--	--	--

SODIUM					
--------	--	--	--	--	--

POTASSIUM					
-----------	--	--	--	--	--

CALCIUM					
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MAGNESIUM					
-----------	--	--	--	--	--

REG. ANAL. No.					
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EQUIPMENT.					
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REMARKS.	Quality good.				
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\*RN004408\*

## N.T.A. WATER RESOURCES BRANCH

## BORE DATA SHEET

20m W of cabbage gum bore.

NAME	LIMESTONE BORE. A76/2	INDEX No.	40/64
LOCALITY	T.P.C.	REG. No.	1408
DEPTH	50 ft.	FILE No.	
CASINGS	Nil.	PERFORATIONS	SCREENS
LOCATION	/ / E N	SURFACE R.L.	B M R.L.
CONTRACTOR.	C.P.PERRY.	DRILLER.	C.P.PERRY.
		DATE STARTED.	13/6/64
		DATE FINISHED.	23/6/64

WATER				STRATA SECTION			
AQUIFERS				DEPTH FEET	CASING	QU	STRATA
DEPTH STRUCK	34	none	none.				
AQUIFER THICKNESS							
STANDING WATER LEVEL	27						
PUMP G.P.H.	800			50.			
TEST							
DRAWDOWN LEVEL							
FL. LEVEL							
DURATION OF TEST	1 hour.						
R.L. S.W.L.							
WATER TEMPERATURE °C							
TRANSMISSIBILITY							
STORAGE COEFF.							
ANALYSES							
BINOMIAL CLASSIFICATION							
T. D. S.							
CONDUCTIVITY							
TOTAL HARDNESS							
CHLORIDE							
B. CARBONATE							
CARBONATE							
SULPHATE							
NITRATE							
FLUORIDE							
SODIUM							
POTASSIUM							
CALCIUM							
MAGNESIUM							
REG. ANAL. No.							
EQUIPMENT.							
REMARKS.							
Quality good.							

Limestone.

Line iron &amp; quartz rubble.

Lime quartz grit.

N.T.A. 152

## NORTHERN TERRITORY ADMINISTRATION—WATER RESOURCES BRANCH

WATER ANALYSIS

Sample No. 70/2017 Date received in Laboratory 21.12.70  
 Time and date of sampling 14.7.70  
 Location and details Tennant Creek Station  
Limestone Bore R.N. 4408 40/64

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>1030</u>	<u>7.9</u>
Total dissolved solids <u>690</u>	Hardness, total <u>236</u>
Suspended solids	Hardness, temporary <u>236</u>
Total solids	Hardness, permanent <u>111</u>

Anions—

Chloride	<u>111</u>
Sulphate	<u>67</u>
Nitrate	<u>43</u>
Nitrite	
Carbonate	
Bicarbonate	<u>356</u>
Fluoride	<u>1.5</u>
Silica	<u>83</u>
Boron	
Alkalinity	<u>292</u>
Turbidity	
Phosphate	<u>&lt;1</u>

Cations—

Sodium	<u>113</u>
Potassium	<u>33</u>
Calcium	<u>42</u>
Magnesium	<u>32</u>
Ammoniacal nitrogen	
Iron	<u>&lt;0.1</u>
Aluminium	
Selenium	
Arsenic	
Copper	
Lead	
Manganese	

Analysed by Judith A. GrimesDate 21.5.71

REMARKS: The sample as tested is chemically suitable for human consumption according to World Health Organisation Drinking Water Standards.

N.T.A. 152

NORTHERN TERRITORY ADMINISTRATION—WATER RESOURCES BRANCHWATER ANALYSISSample No. 70/1336 Date received in Laboratory 20.8.70.Time and date of sampling 1000 Hrs. 7.7.70.Location and details Tennant Creek Limestone BoreNo. 4 Sample. 40/64Analysis in parts per million— p.p.m. (unless otherwise stated)—

Appearance	Taste and odour
Conductivity (Micromhos/cm <sup>2</sup> )	
at 25°C <u>1000</u>	pH <u>8.1</u>
Total dissolved solids <u>670</u>	Hardness, total <u>241</u>
Suspended solids	Hardness, temporary <u>241</u>
Total solids	Hardness, permanent <u>NIL</u>

Anions—

Chloride	<u>115</u>
Sulphate	<u>60</u>
Nitrate	<u>43</u>
Nitrite	
Carbonate	
Bicarbonate	<u>364</u>
Fluoride	<u>1.4</u>
Silica	<u>88</u>
Boron	
Alkalinity	<u>299</u>
Turbidity	

Phosphate / 1Cations—

Sodium	<u>119</u>
Potassium	<u>34</u>
Calcium	<u>44</u>
Magnesium	<u>32</u>
Ammoniacal nitrogen	
Iron	<u>/0.1</u>
Aluminium	
Selenium	
Arsenic	
Copper	
Lead	
Manganese	

Analysed by Judith A. Grimes.Date 29.1.71.REMARKS The sample as tested is chemically suitable for human consumption according to World Health Organisation drinking water standards.

N.T.A. 152

NORTHERN TERRITORY ADMINISTRATION—WATER RESOURCES BRANCHWATER ANALYSIS

Sample No. 70/1340 Date received in Laboratory 20.8.70.  
 Time and date of sampling 1300 Hrs. 14.5.70.  
 Location and details Tennant Creek.  
Limestone Bore Sample No.1. 40/64

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

Appearance \_\_\_\_\_  
 Conductivity (Micromhos/cm<sup>2</sup>)  
     at 25°C 990  
 Total dissolved solids 680  
 Suspended solids \_\_\_\_\_  
 Total solids \_\_\_\_\_

Taste and odour \_\_\_\_\_  
 pH 8.2  
 Hardness, total 241  
 Hardness, temporary 241  
 Hardness, permanent NIL

Anions—

Chloride 101  
 Sulphate 67  
 Nitrate 45  
 Nitrite \_\_\_\_\_  
 Carbonate \_\_\_\_\_  
 Bicarbonate 437  
 Fluoride 1.5  
 Silica 89  
 Boron \_\_\_\_\_  
 Alkalinity 358  
 Turbidity \_\_\_\_\_  
 Phosphate 1

Cations—

Sodium 113  
 Potassium 34  
 Calcium 44  
 Magnesium 32  
 Ammoniacal nitrogen \_\_\_\_\_  
 Iron 3.6  
 Aluminium \_\_\_\_\_  
 Selenium \_\_\_\_\_  
 Arsenic \_\_\_\_\_  
 Copper \_\_\_\_\_  
 Lead \_\_\_\_\_  
 Manganese \_\_\_\_\_

Analysed by Judith A. Grimes.Date 29.1.71.

REMARKS The sample as tested is chemically unsuitable for human consumption  
according to World Health Organisation drinking water standards,  
due to excessive fluoride and nitrate for infants - suitable for  
stock.

THE NORTHERN TERRITORY OF AUSTRALIA

Control of Waters Ordinance

S.E. 53-14 163524  
B 40/64  
H 4423

Regulation 8.

FINAL STATEMENT OF BORE

18

From	To	Description of Strata	Name of Bore—			
0	8	Limestone	Limestone			
8	30	Sandy clay	Name of Property—			
30	45	Clay and quartz	Tenness Creek Station			
			Description of Property—			
			P.L. 556			
			Name of Owner—			
			Tenness Creek Pastoral Co. Pty Ltd			
			Name of Contractor—			
			Clement Drilling Pty. Ltd.			
			Name of Driller—			
			J. Gricks			
			Date of Commencement—			
			30/10/70			
			Date of Completion—			
			30/10/70			
			Total Depth—			
			45 feet			
			Particulars of Casing—			
			45 ft. x 6 "			
			Particulars of Perforations or Screens—			
			Slotted last 10'			
			Water	1st Supply	2nd Supply	3rd Supply
			Struck at	30 - 42 feet		
			Standing Water Level	20 feet		
			Pumping Supply : G.P.H.	1200		
			Duration of Pump Test	3 hrs.		
			Water Level During Test			
			Quality : Good, Fair or Bad	GOOD		

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

N	NE
S	SE
E	NW
W	SW

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

Additional information of interest about the bore—  
This was a redrill, located 30 ft. from previous site, which had a hole with only 1 length of casing and yielded 400 G.P.H.

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

Signature  
\*Strike out which does not apply.

For office use only—

Rele