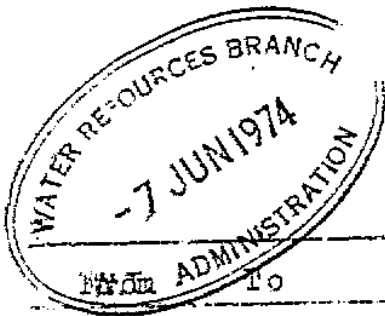


*It is a redrill & is a separate bore.*

N.T.A. 181

Regulation 8.



THE NORTH-TERRITORY OF AUSTRALIA

Control of Waters Ordinance

IN. 40/407

RN 10760

FINAL STATEMENT OF BORE

From	To	Description of Strata
0	6	Soil
6	30	Clay
30	60	Clay and quartz.

*Cabling around bore at weather and late it is in Archaean? which RER*

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

..... Miles

N NE

(a) S SE of (b) .....

E NW

W SW

(a) Circle appropriate direction.

(b) Use known point such as existing bore, homestead, outstation, etc.

Additional information of interest about bore -

This was a redrill, on a site previously with a 4" cased hole, with a supply of

330 g.p.h.

Grid Ref. 159550

Map. No. S.E. 53-14

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

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Name of Bore -

Diamond Drillers.

REDRILL

Name of Property -

Tennant Creek Station.

Description of Property -

P.L. 556 779.

Name of Owner -

Tennant Creek Pastoral Co. Pty Ltd.

Name of Contractor -

Clarmont Drillers Pty. Ltd.

Name of Driller -

S. Gricks

Date of Commencement -

31/10/70

Date of Completion -

31/10/70

Total Depth -

60 feet

17.25 m. (46.77)

Particulars of Casing -

60 feet x 6"

Particulars of Perforations or Screens - Slotted 45 - 55'

	1st Supply	2nd Supply	3rd Supply
Water			
Struck at	38 to 45 feet		
Standing Water Level	27 feet	7.57	2.6.77
Pumping Supply gph.	400 G.P.H.		
Duration of Pump Test	3 Hours		
Water Level During Test			
Quality: Good Fair or Bad	Good		

For office use only -

## WATER ANALYSIS

DEPARTMENT OF NORTHERN AUSTRALIA

WATER RESOURCES BRANCH

Laboratory Register No.

77/1563

Date received in Laboratory

17.6.77

Bottle No

ZG 57

Time of sampling (hrs)

1530

Date of sampling

3.6.77

## LOCATION AND DETAILS

TENNANT CREEK WEST RN 10760 IN 40/407 DDH REPL DISCH 0.6 lps

P/Dis AFTER 120 MINS

RSP 318L

SAMPLER:BLWTH

## ANALYSIS - PHYSICAL

pH	7.7	Colour (Hazen units)	
Specific conductance (microsiemens/cm at 25°C)	1720	Turbidity (A.P.H.A. units)	
Total dissolved solids (mg/l - by evaporation at 180°C)	1050	Suspended solids (mg/l)	

## ANALYSIS - CHEMICAL (mg/l)

Total dissolved solids (by summation)	1356	Total alkalinity (as CaCO <sub>3</sub> )	390
Sodium chloride (calc from chloride)	400	Total hardness (as CaCO <sub>3</sub> )	278
Chloride, Cl	243	Sodium, Na	246
Sulphate, SO <sub>4</sub>	98	Potassium, K	67
Nitrate, NO <sub>3</sub>	66	Calcium, Ca	34
Bicarbonate, HCO <sub>3</sub>	476	Magnesium, Mg	47
Carbonate, CO <sub>3</sub>		Iron (total), Fe	0.1
Fluoride, F	2.1	Silica, SiO <sub>2</sub>	77

## ANALYSIS - ADDITIONAL (mg/l)


	WATER RESOURCES BRANCH
	ALICE SPRINGS
	12 JUL 1977
	DEPT. OF N.T.

ANALYSED BY: J. ALCOCK DATE 28 / 6 / 77

REMARKS: The sample as analysed is chemically unsuitable for human consumption according to the 1971 World Health Organisation International Standards for Drinking-Water as the fluoride concentration exceeds the recommended limits of 0.6-0.8 mg/l F, based on the range of the annual average of maximum daily air temperatures Suitable for stock.

"Information of discussion on the analysis shown above, can be obtained by contacting the Senior Engineer, Water Quality, Water Resources Branch, Darwin".

F. D. ATKINSON, Government Printer, Darwin.

## BORE DATA - MASTER INDEX - COMPUTER INPUT SHEET

Condition OK.RN 10760 INDEX 40/407NAME (30) DIAMOND DRILLERS.LOCATION (30) 6 KM N.N.W. OF LIMESTONE.CADASTRAL (35) TENNANT CK SEN. PL 779.S/NAV GPS/TRANS EL 10 AZM 150 H 1.6 V 2.2 CT NO 4 NO. C/N 33-5AMG        ZONE 53 EASTING 384905 NORTHING 7819324.LATITUDE 19 43 044 LONGITUDE 133 50 268LOCATION PRECISION 4 + SURVEYEDAWRC BASIN NUMBER 1204 (4)OLD IMP GRID SE53/14 159-580 1-250 000 TENNANT CKNEW IMP GRID COMP/CONVERSION       RSP        DISCHARGE        LPS. DEPTH SAMPLED       SAMPLE NO.        TIME        HRS.       T-DEPTH IF MEASURED        METERSSWL IF MEASURED        METERSBORE EQUIPPED WITH 6" OD STEEL CASING WITH TAP & TAIL REMOVER.COMMENTS: REMOVED 6" X 2" CAP CHANG OLD GRID WITH  
RN 7286.TAG LOCATION: ON CONCRETE BLOCKUSED FOR: WRR OBSINSPECTING OFFICER R. MarksDATE 18-3-06

DEPARTMENT OF

WATER RESOURCES BRANCH

Date of report

17.6.77

WR 4/1

Bottle No

ZA 82

Time of sampling (hrs)

1430

Date of sampling

3.6.77

## LOCATION AND DETAILS

TENNANT CREEK WEST RN 10760 IN 40/407 DDH REPL DISCHARGE 0.6 lps

P/Dis AFTER 60 MINS

RSP 318L

SAMPLER: BLYTH

## ANALYSIS - PHYSICAL

pH

7.7

Colour (Hazen units)

Specific conductance  
(microsiemens/cm at 25°C)

1720

Turbidity (A.P.H.A. units)

Total dissolved solids  
(mg/l - by evaporation at 180°C)

1050

Suspended solids (mg/l)

## ANALYSIS - CHEMICAL (mg/l)

Total dissolved solids (by summation)

1365

Total alkalinity (as CaCO<sub>3</sub>)

390

Sodium chloride (calc from chloride)

400

Total hardness (as CaCO<sub>3</sub>)

274

Chloride, Cl

243

Sodium, Na

254

Sulphate, SO<sub>4</sub>

98

Potassium, K

68

Nitrate, NO<sub>3</sub>

67

Calcium, Ca

34

Bicarbonate, HCO<sub>3</sub>

476

Magnesium, Mg

46

Carbonate, CO<sub>3</sub>

Iron (total), Fe

&lt;0.1

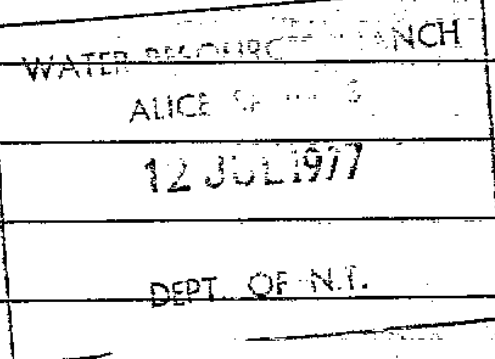
Fluoride, F

2.1

Silica, SiO<sub>2</sub>

77

## ANALYSIS - ADDITIONAL (mg/l)



ANALYSED BY: J. ALCOCK

DATE 28/6/77

REMARKS:

The sample as analysed is chemically unsuitable for human consumption according to the 1971 World Health Organisation International Standards for Drinking-Water as the fluoride concentration exceeds the recommended limits of 0.6-0.8 mg/l F, based on the range of annual average of maximum daily air temperatures

\*Information of discussion on the analysis shown above, can be obtained by contacting the Senior Engineer, Water Quality, Water Resources Branch, Darwin.

Suitable for stock.

F. D. ATKINSON, Government Printer, Darwin.

## WATER ANALYSIS

DEPARTMENT OF NORTHERN AUSTRALIA  
WATER RESOURCES BRANCH

Laboratory Register No.

77/1561

Date received in Laboratory

16.6.77

Bottle No

ZH 96

Time of sampling (hrs)

1400

Date of sampling

3.6.77

WR 4/1

## LOCATION AND DETAILS

TENNANT CREEK WEST RN 10760 IN 40/407 DDH REPL DISCH 0.6 lps

P/Dis AFTER 30 MIN RSP 318L SAMPLER: BLYTH

## ANALYSIS - PHYSICAL

pH	7.7	Colour (Hazen units)	
Specific conductance (microsiemens/cm at 25°C)	1730	Turbidity (A.P.H.A. units)	
Total dissolved solids (mg/l - by evaporation at 180°C)	1050	Suspended solids (mg/l)	

## ANALYSIS - CHEMICAL (mg/l)

Total dissolved solids (by summation)	1355	Total alkalinity (as CaCO <sub>3</sub> )	390
Sodium chloride (calc from chloride)	392	Total hardness (as CaCO <sub>3</sub> )	274
Chloride, Cl	238	Sodium, Na	249
Sulphate, SO <sub>4</sub>	100	Potassium, K	66
Nitrate, NO <sub>3</sub>	67	Calcium, Ca	34
Bicarbonate, HCO <sub>3</sub>	476	Magnesium, Mg	46
Carbonate, CO <sub>3</sub>		Iron (total), Fe	< 0.1
Fluoride, F	2.2	Silica, SiO <sub>2</sub>	77

## ANALYSIS - ADDITIONAL (mg/l)

WATER RESOURCES BRANCH

ALICE SPRINGS

12 JUL 1977

DEPT. OF N.T.

ANALYSED BY: J. ALCOCK DATE 28 / 6 / 77

REMARKS: The sample as analysed is chemically unsuitable for human consumption according to the 1971 World Health Organisation International Standards for Drinking-Water as the fluoride concentration exceeds the recommended limits of 0.6-0.8 mg/l F, based on the range of the annual average of maximum daily air temperatures

\*\*Information of discussion on the analysis shown above, can be obtained by contacting the Senior Engineer, Water Quality, Water Resources Branch, Darwin\*\*.

Suitable for stock.

F. D. ATKINSON, Government Printer, Darwin.

Copy, ONLY



\*RN010760\*

THE NORTHERN TERRITORY OF AUSTRALIA

Control of Waters Ordinance

Regulation 8.

S.E. 53-14, 159529

IN. 40/327407

RN ~~7286~~ 10760

FINAL STATEMENT OF BORE

From	To	Description of Strata	Name of Bore—			
0-6		Soil	Quinn's Drillers			
6-30		Clay	Name of Property—			
30-60		Clay and Gravel.	Quinn's Drillers Station			
			Description of Property—			
			P.L. 556			
			Name of Owner—			
			T.C. Part. Co. P/L			
			Name of Contractor—			
			Quinn's Drillers P/L			
			Name of Driller—			
			A. Fricks			
			Date of Commencement—			
			31/10/70.			
			Date of Completion—			
			31/10/70.			
			Total Depth—			
			60 Feet			
			Particulars of Casing—			
			60 Feet x 6"			
			Particulars of Perforations or Screens—			
			Bottom 45-55'			
			Water	1st Supply	2nd Supply	3rd Supply
			Struck at	38 to 45 ft.		
			Standing Water Level	27 ft.		
			Pumping Supply : G.P.H.	400 G.P.H.		
			Duration of Pump Test	3 Hours.		
			Water Level During Test			
			Quality : Good, Fair or Bad	Good		

Location of Bore (for 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, on a site previously with a 4" cased hole, with a supply of 330 G.P.H.

as RN 7286 IN 40/327. 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—

## WATER ANALYSIS

DEPARTMENT OF NORTHERN AUSTRALIA

WATER RESOURCES BRANCH

WR 4/1

Laboratory Register No.

77/1563

Date received in Laboratory

17.6.77

Bottle No

ZG 57

Time of sampling (hrs)

1530

Date of sampling

3.6.77

## LOCATION AND DETAILS

TENNANT CREEK WEST RN 10760 IN 40/407 DDH REPL DISCH 0.6 lps

P/Dis AFTER 120 MINS

RSP 318L

SAMPLER:BLVTH

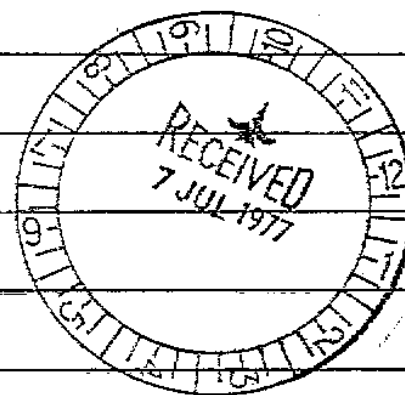
## ANALYSIS - PHYSICAL

pH	7.7	Colour (Hazen units)	
Specific conductance (microsiemens/cm at 25°C)	1720	Turbidity (A.P.H.A. units)	
Total dissolved solids (mg/l - by evaporation at 180°C)	1050	Suspended solids (mg/l)	

## ANALYSIS - CHEMICAL (mg/l)

Total dissolved solids (by summation)	1356	Total alkalinity (as CaCO <sub>3</sub> )	390
Sodium chloride (calc from chloride)	400	Total hardness (as CaCO <sub>3</sub> )	278
Chloride, Cl	243	Sodium, Na	246
Sulphate, SO <sub>4</sub>	98	Potassium, K	67
Nitrate, NO <sub>3</sub>	66	Calcium, Ca	34
Bicarbonate, HCO <sub>3</sub>	476	Magnesium, Mg	47
Carbonate, CO <sub>3</sub>		Iron (total), Fe	<0.1
Fluoride, F	2.1	Silica, SiO <sub>2</sub>	77

## ANALYSIS - ADDITIONAL (mg/l)



ANALYSED BY: J. ALCOCK

DATE: 28 6 77

REMARKS: The sample as analysed is chemically unsuitable for human consumption according to the 1971 World Health Organisation International Standards for Drinking-Water as the fluoride concentration exceeds the recommended limits of 0.6-0.8 mg/l F, based on the range of the annual average of maximum daily air temperatures. Suitable for stock.

"Information of discussion on the analysis shown above, can be obtained by contacting the Senior Engineer, Water Quality, Water Resources Branch, Darwin".

P. D. ATKINSON, Government Printer, Darwin.

## WATER ANALYSIS

DEPARTMENT OF NORTHERN AUSTRALIA

WATER RESOURCES BRANCH

WR 4/1

Laboratory Register No.

77/1562

Date received in Laboratory

17.6.77

Bottle No

ZA 82

Time of sampling (hrs)

1430

Date of sampling

3.6.77

## LOCATION AND DETAILS

TENNANT CREEK WEST RN 10760 IN 40/407 DDH REPL DISCHARGE 0.6 lps

P/Dis AFTER 60 MINS

RSP 318L

SAMPLER: BLYTH

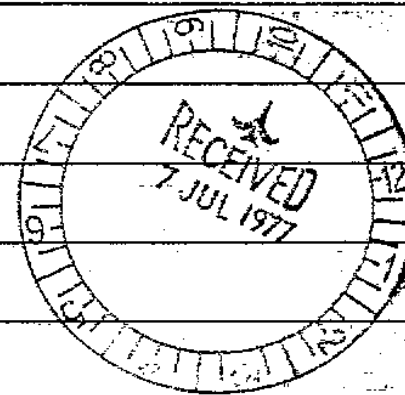
## ANALYSIS - PHYSICAL

pH	7.7	Colour (Hazen units)	
Specific conductance (microsiemens/cm at 25°C)	1720	Turbidity (A.P.H.A. units)	
Total dissolved solids (mg/l - by evaporation at 180°C)	1050	Suspended solids (mg/l)	

## ANALYSIS - CHEMICAL (mg/l)

Total dissolved solids (by summation)	1365	Total alkalinity (as CaCO <sub>3</sub> )	390
Sodium chloride (calc from chloride)	400	Total hardness (as CaCO <sub>3</sub> )	274
Chloride, Cl	243	Sodium, Na	254
Sulphate, SO <sub>4</sub>	98	Potassium, K	68
Nitrate, NO <sub>3</sub>	67	Calcium, Ca	34
Bicarbonate, HCO <sub>3</sub>	476	Magnesium, Mg	46
Carbonate, CO <sub>3</sub>		Iron (total), Fe	< 0.1
Fluoride, F	2.1	Silica, SiO <sub>2</sub>	77

## ANALYSIS - ADDITIONAL (mg/l)



ANALYSED BY: J. ALCOCK

DATE 28 / 6 / 77

REMARKS: The sample as analysed is chemically unsuitable for human consumption according to the 1971 World Health Organisation International Standards for Drinking-Water as the fluoride concentration exceeds the recommended limits of 0.6-0.8 mg/l F, based on the range of annual average of maximum daily air temperatures

\*\*Information of discussion on the analysis shown above, can be obtained by contacting the Senior Engineer, Water Quality.

Water Resources Branch, Darwin.

Suitable for stock.

F. D. ATKINSON, Government Printer, Darwin.



## WATER ANALYSIS

DEPARTMENT OF NORTHERN AUSTRALIA

WATER RESOURCES BRANCH

WR 4/1

Bottle No  
ZH 96

Laboratory Register No.

77/1561

Date received in Laboratory

16.6.77

Time of sampling (hrs)  
1400Date of sampling  
3.6.77

## LOCATION AND DETAILS

TENNANT CREEK WEST RN 10760 IN 40/407 DDH REPL DISCH 0.6 lps

P/Dis AFTER 30 MIN RSP 318L SAMPLER: BLYTH

## ANALYSIS - PHYSICAL

pH	7.7	Colour (Hazen units)	
Specific conductance (microsiemens/cm at 25°C)	1730	Turbidity (A.P.H.A. units)	
Total dissolved solids (mg/l - by evaporation at 180°C)	1050	Suspended solids (mg/l)	

## ANALYSIS - CHEMICAL (mg/l)

Total dissolved solids (by summation)	1355	Total alkalinity (as CaCO <sub>3</sub> )	390
Sodium chloride (calc from chloride)	392	Total hardness (as CaCO <sub>3</sub> )	274
Chloride, Cl	238	Sodium, Na	249
Sulphate, SO <sub>4</sub>	100	Potassium, K	66
Nitrate, NO <sub>3</sub>	67	Calcium, Ca	34
Bicarbonate, HCO <sub>3</sub>	476	Magnesium, Mg	46
Carbonate, CO <sub>3</sub>		Iron (total), Fe	<0.1
Fluoride, F	2.2	Silica, SiO <sub>2</sub>	77

## ANALYSIS - ADDITIONAL (mg/l)



ANALYSED BY: J. ALCOCK

DATE: 28 6 77

REMARKS: The sample as analysed is chemically unsuitable for human consumption according to the 1971 World Health Organisation International Standards for Drinking-Water as the fluoride concentration exceeds the recommended limits of 0.6-0.8 mf/l F, based on the range of the annual average of maximum daily air temperatures

"Information of discussion on the analysis shown above, can be obtained by contacting the Senior Engineer, Water Quality, Water Resources Branch, Darwin".

Suitable for stock.

F. D. ATKINSON, Government Printer, Darwin.