THE NORTH TERRITOR	/
THE NORTH-RN TERRITOR Control of Vaters  FIN'L STATEMENT OF THE NORTH-RN TERRITOR CONTROL OF VATER  FIN'L STATEMENT OF Pascription of Strata	rn 10760 ·
Hom ADMITO Pescription of Strata	Name of Bore - Diamond Drillers. REDRIL
0 6 Soil	Name of Property - Tennant Creek Station.
6 30 Clay	Description of Property - P.L. 556 779
<b>9</b> -	
Cubling a around have it reathern . Ling late iteritizer Anchaean . which	Name of Contractor -
RER	Clarmont Drillers Pty. Ltd. Name of Driller -
Location of Bore (or supply sketch on back	S. Gricks Date of Commencement -
hereof)- N NE	31/10/70  Detc of Completion -
(a) S SE of (b)	31/10/70 Total Depth -
(a) Circle appropriate direction. (b) Use known point such as existing hore,	60 feet 17 25 M. (4 6 777) Particulars of Casing -
homestead, outstation, etc.  Additional information of interest about bore -	60 foot v 6"
This was a redrill, on a site previously	Screens - Slotted 45 - 55'
with a 4" cased hold, with a supply of	lst 2nd 3rd Supply Supply Supply
330 g.p.h.  Grid Refl 159530  Map. No. S.E. 53-14	struck at 38 to 45 feet
Samples of strate and water supplies	Standing 27 feet 7.57 2 6.77
left at the following trading place -	Pumping supply gph. 400 G.P.H.
Signature	Duration of 3 Hours
**Strike out which does not apply	vater Level During Test
For office use only -	Quality: Good Fair or Good Bad

DEPARTMENT OF NORTHERN AUSTRALIA	· <u>.</u>	Date received in Laboratory	77/1563
WATER RESOURCES BRANCH			17.6.77
WR 4/1	Bottle No	Time of sampling thrs)	Date of sampling 3.6.77
OCATION AND DETAILS	· · · · · · · · · · · · · · · · · · ·		
TENNANT CRE	ek west en 10	0760 IN 40/407 DDH	REPL DISCH 0.6 1
P/Dis AFTER 120 MIN	5 RSP	318L SAMPLER; BLW	<u> </u>
THE RESERVE OF THE PERSON OF T	ANALYSIS -	PHYSICAL	
Н	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)	
mg/1 - by evaporation at 180 C/	ANALYSIS - CH	EMICAL (mg/1)	
Total dissolved solids (by summation)	1356	Total alkalinity (as CaCO3)	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, HCO3	476	Magnesium, Mg	47
Carbonate, CO3		iron (total), Fe	<b>0.</b> 1
Fluoride, F	2.1	Silica, SiO <sub>2</sub>	. 77
<del></del>	ANALVEIR - AD	DITIONAL (mg/l)	
		<u> </u>	
	, , , , , , , , , , , , , , , , , , ,		
		WATER RESC	DURCES PRANCH
		I	OURCES PRANCH
		ALICE	1
		ALICE 12	SPRINES 1111 1977
		ALICE 12	SPRINCS
		ALICE 12	SPRINES 1111 1977
		ALICE 12	SPRINES 1111 1977
ANALYSED BY: J.ALCOCK	d is about an	ALICE 12 DEPT	SPRINCS 1512 1977
J.ALCOCK  ANALYSED BY: The sample as analyse to the 1971 World Hea	d is chemical	ALICE 12 DEPT	SPRINCS 1512 1977
J.AICOCK  ANALYSED BY: The sample as analyse to the 1971 World Hea REMARKSWater as the fluoride ing £1 F, based on the Suitable for stock.	d is chemical lth Organisat concentration	ALICE 12 DEPT	SPRINCS 1512 1977

BORE DATA - MASTER INDEX - COMPUTER INPUT SHEET	
Condition OK.	
10760 INDEX 40/407	
(30) DIAMOND DRILLOSKS.	—.
ATION (30) 6Km N.N.W. OF LIMESTONE.	<del></del>
ASTRAL (35) NEWHAT CK STN PL 779.	
AV GPS/TRANS EL 10 AZM 150 H 1-6 V 2-2 CT NO W NOVE C/N 3	3 -
ZONE53 EASTING 384905 NORTHING 7819324.	_
TUDE 19 43 044 LONGITUDE 133 50 26	
ATION PRECISION 4 - Sourges	
BASIN NUMBER 1204 (4)	
IMP GRID SESS/14 159-580 1-250000 TENNING CIC	ě.
IMP GRID COMP/CONVERSION	<del></del> .
DISCHARGE LPS. DEPTH SAMPLED	
PLE NO. TIME HRS.	
	_
EPTH IF MEASURED METERS	
IF MEASURED METERS	
E EQUIPPED WITH 6"OD STEEL CASING MILL & TOUR REMOVE	-X,
B SQUITED WITH O DO S.CO.	-
	47
	_
	<del></del> .
	_
	_ 
MENTS: SCREONED 6"XZ"CHR CHECL OLD GRID CL.  RN 7286.	
RN 7286.	
	<u> </u>
LOCATION: ON CONCRETE BLOCK	<del></del>
D FOR: WRB OBS	
SPECTING OFFICER DMarks DATE 18-3-00	

DEPAR.* INT OF	•	Date to the state of the	17.6.77
WATER RESOURCES BRANCH	Bottle No ZA 82	Time of sampling .hrs)	Date of sampling 3.6.77
WR 4/1 LOCATION AND DETAILS		· · · · · · · · · · · · · · · · · · ·	
TENNANT CREE	k west in	1 10760 IN 40/407 DDE	REPL DISCHARGE 0.6 lps
P/Dis AFTER 60 MINS	RSP 31	SL SAMPLER:BLYTH	
	ANALYS	SIS - PHYSICAL	· · · · · · · · · · · · · · · · · · ·
рН	7.7	Colour (Hazen units)	
Specific conductance (microsiemens/cm at 25°C)	1720	Turbidity (A.P.H.A. units)	
Total dissolved solids (mg/1 - by evaporation at 180°C)	1050	Suspended solids (mg/l)	
	ANALYSIS -	CHEMICAL (mg/1)	* Comment of the Comm
Total dissolved solids (by summation)	1365	Total alkalinity (as CaCO3)	390
Sodium chloride (calc from chloride)	400	Total hardness (as CaCO3)	274
Chloride, CI	243	Sodium, Na	254
Sulphate, \$O <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
		ADDITIONAL (mg/l)	
			· · · · · · · · · · · · · · · · · · ·
			MONRC NCH
		Al	LICE SECTION S.
			23011977
			SEPT OF N.T.
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·		· · · · · · · · · · · · · · · · · · ·	<del>कार्यामका । सिन्द्राच्या १००० विकास स्टार्ग सिन्द्र</del> के
ANALYSED BY: J.ALCOCK The sample as analys	ed is chem	DAJE .28 / 6 / 77 ically unsuitable for	human consumption according tandards for Drinking mmended limits of 0.6-0.8

F. D. Alkinson, Government Printer, Darwin,

NÀTER -ANALYSIS	भू अर्जु है है है है । भू पुरस्का अर्ज्जे	Laboratory Register No.	77/1561	•
DEPARTMENT OF NORTHERN AUSTRALIA	•	Date received in Laboratory	16.6.77	
WATER RESOURCES BRANCH	Bottle No	Time of sampling hrs)	Date of sampling	
WR 4/1 LOCATION AND DETAILS	ZH 96	1400	3.6.77	
TENNANT CRE	ek 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)	<del></del>	
(mg / by oraporation at its by	117	HEMICAL (mg/I)		
Total dissolved solids (by summation)	4768	Total alkalinity (as CaCO3)	700	
Sodium chloride (calc from chloride)	1355	Total hardness (as CaCO <sub>3</sub> )	390	
	392	Sodium, Na	274	
Chloride, C1	238	· <u></u>	249	
Sulphate, SO <sub>4</sub>	100	Potassium, K	66	
Nitrate, NO <sub>3</sub>	67	Calcium, Ca	34 .	
Bicarbonate, HCO3	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 - AI	ODITIONAL (mg/l)		
		entre entre en la gradita de l	· · · · · · · · · · · · · · · · · · ·	٠.
				:
	<del></del>			. •
		WATER RESOLUTION		
			STREETS	
		1200	1217/	
		DEPT. C	OF N.T.	,.
		00 ( 77		**************************************
J.ALCOCK ANALYSED BY:	ed is chemica	DATE 28 6 17	uman consumption accord	lin
to the 1971 World Health REMARKS Water as the fluoride	alth Organisa	ttion International S	tandards for Brinking-	
400 00下 603 0016 サザバハサザバ		ىلىن ئىلىنى ئىلىنىڭ ئىدىمەنىدىنىيىنى بىرسىي 	imum daily air temperat	. +

F. D. ATKINSON, Government Printer, Darwin,





THE NORTHERN TERRITORY OF AUSTRALIA

Control of Waters Ordinance

S.E. 53-14. 159529 1N. 40/327407

Regulation 8.

FINAL STATEM	IENT OF BORE RN 7286-10760		
From To Description of Strata	Name of Bore—		
	Diaman Dnillers		
0-6 Soil	Name of Property—		
6-30 (10.	Termal land Hation		
0-6 Soil 6-30 Clay	Description of Property—		
30-00 Clay and	P.L. 556		
30-60 Clay and Quarty.	Name of Owner—		
guang.	T. C. Part. Co. P/L.		
,	Name of Contractor—		
	Cleanant Duillers 8/4		
	Name of Driller—		
÷.	d. Jaicho		
	Date of Commencement—		
Location of Bore for supply sketch on back hereof)-	21/10/70.		
Miles	Date of Completion—		
(a) N NE S SE E NW of (b)	3//10/70		
w sw	Total Depth—		
(a) Circle appropriate direction.	60 Lut		
(b) Use known point such as existing bore, homestead, outstation, etc.	Particulars of Casing—		
Additional information of interest about the bore—	60 Feet ~ 6"		
This was a reduced, on	Particulars of Perforations or Screens—		
a site previously with	- lotted 45-55		
a 4" cased hole, with	Water 1st Supply 2nd Supply 3rd Supply		
a supply of, 380 G.P. H.			
A3 RN 7276 IN GB/327. Samples of strata and water supplies	Struck at 38 to 45 ft.		
have been* will be*	20 - 20 - 23 - 21.		
left at the following trading place—	Standing Water Level 27		
2002151610 - 20027620779 - 20027641610 - 20027641610 - 20027641616161616161616161616161616161616161	Water Level 22 / 12.		
	Pumping Supply:		
Signature	G.P.H. 4200 6. P.H.		
*Strike out which does not apply.  For office use only—	Duration of 2		
For office use only	Pump Test Value		
	Water Level		
	During Test		
	Quality: Good, Fair		
	Good, Fair GooD		

VATER ANALYSIS			77/1563
DEPARTMENT OF NORTHERN AUSTRALIA WATER RESOURCES BRANCH	**	Date received in Laboratory	17.6.77
MATER RESOURCES BRANCH	Bottle No	Time of sampling (hrs)	Date of sampling
WR 4/1 OCATION AND DETAILS	ZG 57	1530	3.6.77
TENNANT CRE	ek west an 1	10760 IN 40/407 DDH	REPL DISCH 0.6 lps
P/Dis AFTER 120 MIN	S RSI	318L SAMPLER:BLW	IH
ì	ANALYSIS	- PHYSICAL	
рн	7.7	Colour (Hazen units)	
Specific conductance microsiemens/cm at 25°C1	1720	Turbidity (A.P.H.A. units)	
Total dissolved solids mg/l - by evaporation at 180°C)	1050	Suspended solids (mg/l)	
	ANALYSIS - CI	HEMICAL (mg/l)	
fotal 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, CI	243	Sodium, Na	246
Sulphate, SO <sub>4</sub>	98	Potassium, K	67
vitrate NO3	66	Calcium, Ca	34
Bicarbonate, HCO3	476	Magnesium, Mg	47
Carbonate, CO <sub>3</sub>		Iron (total), Fe	<b>&lt;</b> 0.1
luoride, F	2.1	Silica, SiO <sub>2</sub>	77
	ANALYSIS - AD	DITIONAL (mg/l)	
	<u> </u>	<del></del>	<u> </u>
			र्गा क
A A A A A A A A A A A A A A A A A A A		(3)	
		- B	ECETION FOR
CONT. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	· · · · · ·		JUL 1975   1
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100	_	(6)X	
			TIE!
· · · · · · · · · · · · · · · · · · ·			
J.ALCOCK		28 6 77	
The sample as analyse to the 1971 World Heat Marks Water as the fluoride mg & F, based on the	o is chemica	DATE/	man consumption acco
ing namping an anathro			mingi tinoming the area.

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

F. D. ATRINSON, Government Printer, Darwin,

Water Resources Branch, Darwin".

WATER ANALYSIS	الله الله الله الله الله الله الله الله	Laboratory Register No.	77/1562
DEPARTMENT OF NORTHERN AUSTRALIA	,	Date received in Laboratory	
WATER RESOURCES BRANCH	Bottle No	Time of sampling ,hrs)	17.6.77 Date of sampling
WR 4/1	ZA 82	1430	3.6.77
LOCATION AND DETAILS TENNANT CRE	ek west rn 1	0760 IN 40/407 DDH	REPL DISCHARGE 0.6 lps
P/Dis AFTER 60 MINS	RSP 318I	SAMPLER:BLYTH	The state of the s
	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/1)	
	ANALYSIS - CF	IEMICAL (mg/1)	
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 NO3	67	Calcium, Ca	34
Bicarbonate, HCO3	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 - ADI	DITIONAL (mg/l)	
		·	
	·		· · · · · · · · · · · · · · · · · · ·
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			District
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			Company of the Compan

ANALYSED BY: J.ALCOCK

The sample as analysed is chemically unsuitable for human consumption according to the 1971 World Health Organisation International Standards for Drinking—REMARKS: 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	W. J. W.	Laboratory Register No.	77/1561
DEPARTMENT OF NORTHERN AUSTRALIA		Date received in Laboratory	
WATER RESOURCES BRANCH	Sottle No	Time of sampling (ars)	16.6.77 Date of sampling
WR 4/1	ZH <b>9</b> 6	1400	3.6.77
LOCATION AND DETAILS TENNANT CRE	ek west RN 1	0760 IN 40/407 DDH	REPL DISCH 0.6 lps
P/Dis AFTER 30 MIN	RSP 318L	SAMPLER: BLYTH	10.107.20
	ANALYSIS	- PHYSICAL	
На	7.7	Colour (Hazen units)	
Specific conductance (microsiemens/cm at 25°C)	1730	Turbidity (A.P.H.A. units)	
Total dissolved solids Img/I - by evaporation at 180°C)	1050	Suspended solids (mg/l)	
	ANALYSIS - CH	IEMICAL (mg/I)	
Total dissolved solids (by summation)	1355	Total alkalinity (as CaCO3)	390
Sodium chloride (catc 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, HCO3	476	Magnesium, Mg	46
Carbonate, CO3	· ·	Iron (total), Fe	<0.1
Fluoride. F	2.2	Silica, SiO <sub>2</sub>	77
	ANALYSIS - ADI	DITIONAL (mg/1)	
		7.000	
		K	T SCENED TO
		(9)	1977
	···		To Total

J.ALCOCK 28 6 77

ANALYSED BY:
The sample as analysed is chemically unsuitable for human consumption according to the 1971 World Health Organisation International Standards for DrinkingREMARKS: 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 Granch, Darwin".

Suitable for stock.

F. O. Atkinson, Government Printer, Darwin, . . . . . .