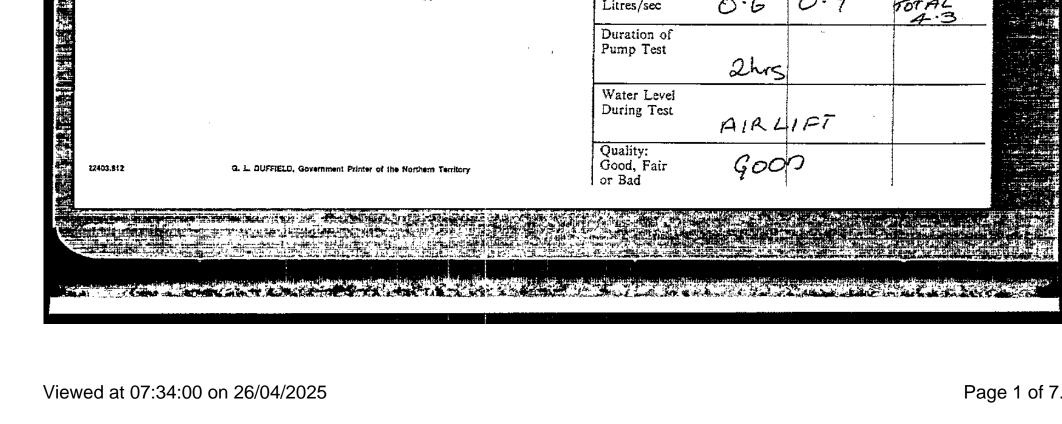
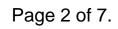
4 • •				◆* - ₆ - 2*	
Regulation 8 THE NOR	THERN TERRITORY O	F AUSTRALI	A		
-	Control of Waters Act	t			WR4/3
FINAL S	TATEMENT	OF BO	RE	8/242	
	colour and hardness)	ame of Bore – <u> 2.N 14</u> Jame of Proper	788	се АТЗ,	118
0-3 Red Clay 3-6 Gravels 6-72 Sandstones		VEUTRAL	-	CTION	
6-72 Sandstones		escription of P			
		ame of Owner			
	1	J. MIN ame of Contra	•	· ·· <i>·</i>	
	R	ame of Contra-	sa th	USHES_	
Location of Bore (or supply sketch on the					
back hereof) —		AE UOR ate of Commen	~ ~	-5	
		4/5/86			
(a) S (SE) of (b) OF NEUTRAL		ate of Complet.			· · · · -·
HOMESTEAD	//	4/5/86	<u>,</u>	x	
(a) Circle appropriate direction.(b) Use known point such as existing bore, homestead, outsta		otál Depth — 72 ~	-C5		
Additional information of interest about bore.	Pa			ntro 8"	P.U.C.
Grid Reference + 32 291 / 83 287	12.	12 miles	6" .P.	(.C.	
Map Number SF 53-6 Berrow Grock	Pa	rticulars of Per	forations or	Screens —	
Samples of Strata and Water Supplies 405	896 E	2 milos	ON	Bottom	<u>. ر</u>
	8778 N W	ater	1st Supply	2nd Supply	3rd Supply
left at the following place —	:		only	Supply only	Supply only
ALICE SPRINGS	Sti	ruck at			
Signature 17			58m	67~	69m
*Delete non applicable		anding ater Level	42		To
For Office use only - SAND PROBLEM S	Su	mping pply tres/sec	0.6	0.9	2.8 ToTAL
		ration of			4.3



		GEOLOGICAL LOG OF WATER BORE
Locality Neu	tral Junction	Station
Bore Name Ru Ru	naway Bore 1ral Advice A73	8/18 R.N. 14788
Tenure		IN 28/242
1:250000 Sh	eet Barrow Cree	ek SF 53-6 DATA FILE: 52.73C
1:1000 000	Sheet	52.73D
Summary Log	(:	
D epth (m) 0 - 3m 0 - 72m	Lithology Silt Sandstone	Stratigraphic Unit Qa Alluvium - Quaterna Pus Central Mount Stuart Beds - Proteros
GEOPHYSICAI	L LOGS AVAILABI	LE TO
Major Aqui	fers	Approx SWL 42.0m
Depth (m) 58.0 67.0 69.0	Yield (Ls ¹) 0.6 0.9 2.8 Total supply a) Type Sandstone Sandstone Sandstone unticipated 4.3 1/s
	echnique 1 - Air drillin Casing - 0 - 0 -	ng to 72.0m by Bowman and Hughes contract drilling. - 6m 233mm blank PVC surface casing - 60m 125mm blank PVC casing - 72m 125mm PVC casing with perforation/slots
	Loq	Soft, orange/brown, sandy silt
Detailed 1 0 - 3m 3 - 9m	silt	Soft, orange/brown, sandy silt Pale brown to white/grey, weathered, fine-grained sandston minor kaolin clays. Soft white kaolinitic sandstone.





SEAS WATER ANALYSIS EPL	•				
Department of Transport & Works		X	Laboratory Register No.	87/88/045	5
Water Division, Darwin N.T.		2	Date received in Laboratory	1.10.87	
	4/1A Bothe No.	2/	Time of sampling	Date of sampling	
LOCATION AND DETAILS NEUTRA	L JUNCI	701	J STATION RU	NAWAY BOR	<u>æ</u>
RIN 14788 SISCH H.OL	PS MAP	<u>SF</u>	53/6 G.R.EL	1058918 N 7	5
Proposed water use:- Domestic, Stock, Irrigation				227	
	ANALYSIS	<u> </u>	HYSICAL	·	
рн	7-2		Colour (Hazen units)	·	
Gerific conductance (microsiemens/cm at 25° C)	1845		Turbidity (NTU's)		
Total dissolved solids (mg/L - by evaporation at 180° C)	1115		Suspended solids (mg/L)	<u></u>	
	NALYSIS -	CHE	MICAL (mg/L)		
Sodium. Na	168		Chloride, Cl	c	<u></u>
Potassium, K	36		Sulphate, SO4		/_
Calcium, Ca	96		Nitrate, NO3	<u></u>	
Magnesium. Mg	90		Bicarbonate, HCO3	6	5
Total Hardness (as CaCO3)	609		Carbonate, CO3		
Total Alkalinity (as CaCO3)	536		Fluoride. F		0
Iron, (total) Fe	0.1		Orthophosphate, PO4		<u></u>
Silica, SiO2	వ్న		NaCl (calc. from chloride)		4
AN	ALYSIS – A	DDI	TIONAL (mg/L)		<u>_</u>
Copper, Cu Lead, Pb			Arsenic, As		
Manganese, Mn Zinc, Zn			Cadmium, Cd		
Nickel, N Cobalt, Co					

THE SAMPLE AS ANALYSED COMPLIES/DOES NOT COMPLY WITH NORTHERN TERRITORY DRINKING WATER STANDARDS AS RECOMMENDED BY THE NORTHERN TERRITORY DEPARTMENT OF HEALTH.



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Date 12, 10, 51 Ana

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Buyer much ad thus M indicate levels considered undesirable for drinking water by the

Department of Transport & Works Water Division, Darwin N.T.	_'A	Date received in Laboratory	2/6/86
	WR 4/1A Bottle No.	Time of sampling	Date of sampling -14/5/86 V
NEUTRAL JUNCTION	1 STATION	R/N 14788 ADVICE	E A73-18
		P SF 53-6 G.R.	
Proposed water use:- Domestic, Stock,			RSP 22
	ANALYSIS	- PHYSICAL	· · · · · · · · · · · · · · · · · · ·
рн	7.9	Colour (Hazen units)	
Specific conductance (microsiemens/cm at 25° C)	1700	Turbidity (NTU's)	
Total dissolved solids (mg/L - by evaporation at 180° C	01010	Suspended solids (mg/L)	•
	ANALYSIS —	CHEMICAL (mg/L)	
Sodium, Na	173	Chloride, Cl	23.
🗌 Potassium, K	35	□ Sulphate, SO ₄	110
Calcium, Ca	52	☐ Nitrate, NO ₃	·····
Magnesium, Mg	87	Bicarbonate, HCO ₃	53
Total Hardness (as CaCO ₃)	487	Carbonate, CO ₃	
☐ Total Alkalinity (as CaCO ₃)	435	🗌 Fluoride, F	0
Iron, (total) Fe	3-2	Orthosphosphate, PO ₄	
Silica, SiO ₂	56	NaCI (calc. from chloride)	38
	ANALYSIS —	ADDITIONAL (mg/L)	
Copper, Cu	Lead, Pb	Arsenic, As	
Manganese, Mn	🗌 Zinc, Zn	🗌 Cadmium, Cd	
			· · · · · · · · · · · · · · · · · · ·
· · · · · · · · · · · · · · · · · · ·			· · ·
THE SAMPLE AS ANALYSED	• • • • • • • • • • • • • • • • • • •		



4278.845

concentration may be lowered to an

acceptable level.

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M. Jenney Date (016 136 Bexes marked thus 🛛 indicate levels considered undesirable for drinking water by the Northern Territory Department of Health. Analysed By:

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BORE DATA - MASTER INDEX - COMPUTER INPUT SHEET REG & UP DATE 019 CRSING BORE CONDITION FOR RN 14788 INDEX 28 242 NAME (30) RUNAWAY A73/18 LOCATION (30) 33KM SE OF HOME STOMS CADASTRAL (35) NEUTRAL JUNCTION . PL= 775. "DAT NAU TIMEOS33 ELEVIA" Nº 300 CT 26-2 AMG (metric) ZONE 53 EASTING 105898 NORTHING 7598 288 LATITUDE 210 42 713 LONGITUDE 134 05' 411 LOCATION PRECISION 5 FIX TAKEN 400MTRS SE OF BORG AWRC BASIN NUMBER (4) IMP GRID <u>SF53/6 182-291 BAMADER</u> Cik 1-250000 RSP _____ DISCHARGE _____ LPS. DEPTH SAMPLED SAMPLE NO. PZ 21 ____ TIME 1315 HRS. MILL 2= MOND? CONDETIVITY= 1,820 TEMP= 29-3 PH= 655, NITRATE = ELC/SUB= T-DEPTH IF MEASURED _____ METERS SWL IF MEASURED METERSTIME DATE BORE EQUIPPED WITH 6"48" PIC AMK3 MONO KULOTA 1250.300 4557 100, EARTH TANK. 20' CONCRETE TROUGH -IROUBLE WITH FING WITH en fump FRAME. INSPECTING OFFICER DATE

	4		28/242	- 	ې د تورو دورې	مربع
	EAS(2)		<u> </u>	· · · ·		: - -
WATER *NALYSIS	PL' NA	Z	Laboratory Register N	o. §	77/881	10455
Departs of Transport & Works Water Division, Darwin N.T.		A	Date received in Labor		1.10	1.87
	WR 4/IA Bonte No	21	Time of sampling	D	ate of sama	ling 87
LOCATION AND DETAILS NEUTA	RAL JUNC	T101	V STATION	RUNA	HWAY	BORE
			5316 G.R.			
Proposed water use:- Domestic, Stock, Irr				SP 2		,
	ANALYSIS	— I	PHYSICAL			
	7.2		Colour (Hazen units)			
Specific conductance (microsiemens/cm at 25° C)	1845		Turbidity (NTU's)	-		
Total dissolved solids (mg/L - by evaporation at 180° C)	1115		Suspended solids (mg/	L)		
	ANALYSIS -	CHE	MICAL (mg/L)			
Sodium. Na	/68		Chloride, Cl			2
Potassium, K	36		Sulphate, SO4			/-
Calcium, Ca	96		Nitrate, NO3			. <u> </u>
Magnesium. Mg	90		Bicarbonate, HCO3			63
Total Hardness (as CaCO3)	609		Carbonate, CO3			
Total Alkalinity (as CaCO3)	536		Fluoride, F			C
Iron. (total) Fe	0./		Orthophosphate, PO4			
Silica, SiO2	వ్న		NaCI (caic. from chlor	ide)		4
	ANALYSIS - A	DDI	TIONAL (mg/L)	<u> </u>		
Copper, Cu D Lead.	 Pb		Arsenic, As			
Manganese, Mn Zinc, 2			Cadmium, Cd		. <u></u>	
Nickel, N Cobalt	, Co					

THE SAMPLE AS ANALYSED COMPLIES/DOES NOT COMPLY WITH NORTHERN TERRITORY DRINKING WATER STANDARDS AS RECOMMENDED BY THE NORTHERN TERRTORY DEPARTMENT OF HEALTH.



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Date 12, 10, 17 ysed By Anal

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Boxes marked thus IX indicate levels considered undesirable for drinking water by the

Page 6 of 7.

Department of Transport & Works	(AT (2) NATA	Date received in Laboratory	85786/2221
Water Division, Darwin N.T.	Boule No.		2/6/86
	WR 4/IA PW3	3	Date of sampling $\frac{14}{5}86$
NEUTRAL JUNCTION	J STATION	R/N 14788 ADVICE	A73-18
		97 SF 53-6 G.R. 1	
Proposed water use:- Domestic, Stock,	Irrigation, other (specify)		RSP 2.
	ANALYSIS	5 — PHYSICAL	
□ pH	7.9	Colour (Hazen units)	
Specific conductance (microsiemens/cm at 25° C)	1700	Turbidity (NTU's)	
Total dissolved solids (mg/L - by evaporation at 180° (c) 1010	Suspended solids (mg/L)	
		CHEMICAL (mg/L)	
Sodium, Na	173	Chloride, Cl	2
🗌 Potassium, K	35	- □ Sulphate, SO₄	
Calcium, Ca	52	Nitrate, NO ₃	
Magnesium, Mg	87	☐ Bicarbonate, HCO ₃	53
Total Hardness (as CaCO ₃)	487	Carbonate, CO ₃	
Total Alkalinity (as CaCO ₃)	435	🗌 Fluoride, F	0-
Iron, (total) Fe	3-2	☐ Orthosphosphate, PO₄	
Silica, SiO ₂	56	NaCI (calc. from chloride)	3:
	ANALYSIS —	ADDITIONAL (mg/L)	
Copper, Cu	Lead, Pb	Arsenic, As	
🗌 Manganese, Mn	Zinc, Zn	Cadmium, Cd	· · · · · · · · · · · · · · · · · · ·
		· · · · · · · · · · · · · · · · · · ·	
<u></u>	:		<u> </u>



concentration may be lowered to an

acceptable level.

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A-femery Bexes marked thus 🛛 indicate levels considered undesirable for drinking water by the Northern Territory Department of Health. Analysed By:

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Page 7 of 7.