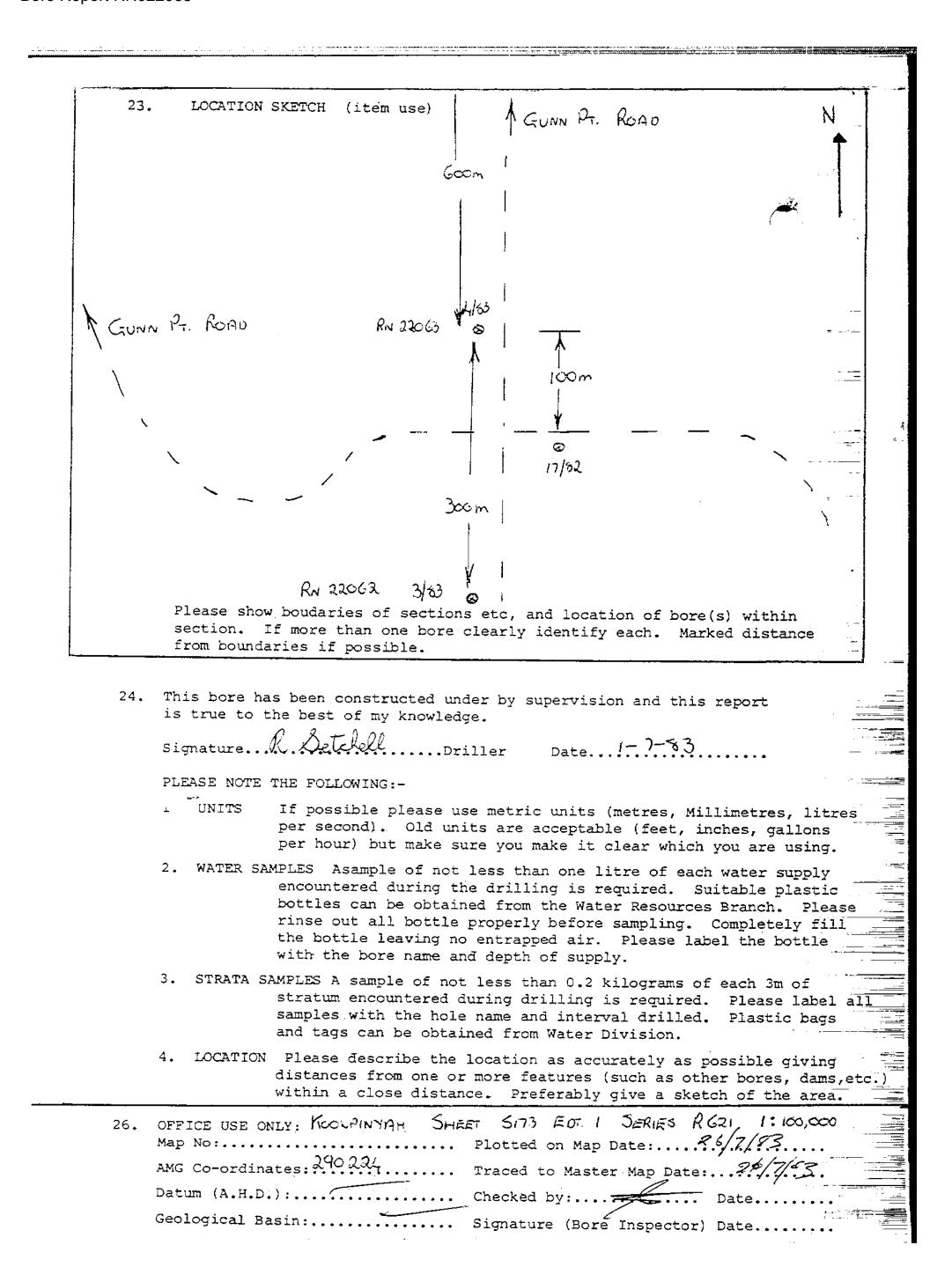
PARTICULARS OF COMPLETED		Index No. 22063							
	RN022063*	Index No 80/2214							
<u></u>		Advice No							
20. Describe rock type, colour etc. any changes must be recorded.	I. Name of Bo								
	3. Owner of P	roperty 4. Type of Lease							
From - To		PASTORAL							
0-0-Im Topsoin	5. Lease/Block	K No. 6. Bore or Well							
0.1- S.9m RED, WHITE 9 YELLOW CLAY 4	BORE								
S.9- 11.8m RED, WHITE & YELLOW CHAY	7. Name of Cor WATER DIV.								
11-8m-24-Im RED, WHITE & YENOW CLAY &	9. Depth Recor	rded 10. Depth Drilled.							
LATERITE D.	56m	67.2m							
24-1-30-2m WHITE, YELLOW & RED CHAY	11. Date Comme								
30.2 - 36.3m WHITE, YELLOW & RED CHAY &		3 /- 7- 83 use of Bore Domestic							
36.3 - 39m WHITE CLAY & QUARTZ SAND	1	Stock Route							
39 - 41-Im NO CIRCULATION	l	ly Observation Investigation							
41-1- 67-2m DOKOMITE		peen drilled by Rotary							
	Cable To	oolOther							
42.9 - 43.6m FRACTURED	15. Bore Drill	led Using / Air Mud -							
43.8 - 44.3m FRACTURED	1	Water Degradable Polymer							
47.6 - 48.1m CAVITY	Size of dr	rilling Bit. 94. from. Q to . HJm.							
55.2- 58.3m CAVITY									
	16. Casing Installed Steel ABS PVC								
	Dia from to								
	Threaded Welded								
	17. Screens None installed								
	Staineless Steel Bronze PVC								
	DiaSlot SizeFrom to								
	DiaSlot SizeFrom to								
	Screens	are Screwed connected by Pack							
21. Sample of strata and water	18. Perforation	n in casing Percussion Slotted							
have been will be left at		Drilled Other							
Darwin Katherine	Slot/hole size From to								
Alige Springs Other	Slot.hole sizeFrom to								
	19. Is any stra	ata cemented off Yes No							
	If so, give	e depth A.O. m. to . H.m							
22. WATER 1st Supply 2nd Supply	3rd Supply 4	th Supply 5th Supply Remarks							
Struck at 39- 41-1m WATER CA	mine From ho	ST CIRCULATION AREA.							
Standing Water Level 13.5m									
Discharge 0-7/pec FORMAT	ON Shumping	- CASING NOT SEATED							
Duration of White DRILING									



	i i		
WATER ANALYSIS	NASI	Laboratory Register No.	83-84/0171
Department of Transport & Works Water on, Darwin N.T.	_ A	Date received in Laboratory	20/7/83
	WR 4/1A Bottle No.		of sampling 1/7/83
LOCATION AND DETAILS	· · · · · · · · · · · · · · · · · · ·	4/83 RN22063 DEPTH 44m DIS	
-		27 00 24 80 20 00 20 22 22 22 22 22 22 22 22 22 22	RSP1010
SERTES RG21 GRID Proposed water use:- Domestic, Stock, Ir		IN 80	/22.14
	ANALYSIS -	PHYSICAL	
□ рН	7.3	Colour (Hazen units)	
Specific conductance [(microsiemens/cm at 25° C)	330 [Turbidity (NTU's)	> 100
Total dissolved solids (mg/l - by evaporation at 180° C)	180	Suspended solids (mg/1)	
	ANALYSIS — CH	EMICAL (mg/1)	
Sodium, Na	2	Chloride, Cl	6
Potassium, K	<1	Sulphate, SO	15
Calcium, Ca	33	Nitrate, NO ³	41
Magnesium, Mg	2]	Bicarbonate, HCO ³	189
☐ Total Hardness (as CaCO³)	170 E	Carbonate, CO3	
☐ Total Alkalinity (as CaCO³)		Fluoride, F	0.0
Iron, (total) Fe	VSUITABLE FOR ANALYSIS	Orthosphosphate, PO4	
Silica, SiO ²	3	NaCl (calc. from chloride)	- 8
	ANALYSIS — ADI	OITIONAL (mg/1)	
Copper, Cu	Lead, Pb	Arsenic, As	
Manganese, Mn	Zinc, Zn	Cadmium, Cd	
The sample as analysed is considered suit	able for:-		nico de la companion de la comp A
			-
Drinking water — Yes/Neg		Stock watering —	Yes/No
Irrigation — Yes/No	Oth	ners (specify)	Yes/No
MATA			
This Laboratory is registered by the National Association of Testing Authorities, Australia. The test(s) reported herein have been performed in accordance with its terms of registration. This document shall not be reproduced except in full,	-		
Analysed By: G. JOHNSTON	Date 5 / 9/ 83		Laga Turkan di Saga sam di Saga sam
Boxes marked t	hus 🛭 indicate levels conside Northern Territory De	ered undesirable for drinking water by the partment of Health.	e .
2614,828	A. B. CAUDELL, Government Pr	inter of the Northern Territory	
		<u> </u>	المراكم والروازي والمعربية ومرازي المرازا المرازا المرازا المرازا

GEOPHYSICAL DOWN HOLE LOGGING

0.	
OPERATOR	ASM.
DATE	13/10/83
GAMMA RA	4/6/2.
RESISTIVITY	
S. P.	
CALIPER	
TEMP.	
GAMMA GAMA	AA
1	

80/2214 RN22063. WR 9/1

DRILLERS LOG

DA	TE	Wed	. 2	9-6-83 BORE NO. Mc Minno 4/9	3			Super	visor:		,	***********	Tare and to to the to the error of	**********	
				RN 22063			•	Driller:	Î.	Brow	ghton	<u>.</u>	প্ৰেছ লোল লোক বুল ক্ৰিছে কৰ		reconnect as 1000
						BIT (BIT DATA			STRIN	G DATA				NATER
Time	Depth	Metres drilled	Mins lapsed	Orillers remark, casing details	No.	Size	Type	Worn cond'n	Item	O.D.	Length	Prog. tally	MUD DATA	S	AMPLES o. Depti
2130	· · · · · · · · · · · · · · · · · · ·			Service rig	-1/-	92"	Dra	a	Bit	92"	0.95	0.95			
ኃክርኃ				Commence du llina			,	7	De.		6-10				
5610	5.9	5.9	10	0.1 Topsoil, Red, white 9 yellow clay 9 latents										-	
524	,,=			Add O.C. & cont				}	0.0	54"	5.90	12.95			
	11.8	5.9		White red 4 yellow clay											
15L1	ļ.			Add D.C 9 cont					D.C	52"	6.20	19.15			
দঠ্য	14			Change to mud									なられ	ovel	
3905				Continue										J	
		6.2	33	White red & yellow clay & laterite											7.2
71 <u>7</u> 5				Add rod 4 cont		1 !			D.P.	从之"	6.10	25.25			
1	ł	6.1	30	As above						1					
000	-		į,	Add rod 4 cont.		:	•	-	D.P.	人士"	6.10	31.35			
	,	6-1	- 1		3			·							
03[1			Add red 4 cont					D.P.	J. 土"	6.10	37.45	1	£	-
046	36.3	6.1	15	Red, white 4 yellow clay 4 quartz											
			-	Mia more mud									1 Bie	SOLL.	
119			1	Add vod 4 cont				·	D. P.	人力"	6.10	43.55		7	
	41.1	4.8	-	Questy sand & white clay-lost are at 3	im							•			
135	•		-	Tripout									***		
200		100		Change to R.R.	MT 47-91-6	78	R.R.		Bit	77"	0.55	13.10			
210		1		Trip in											
237				On bottom - no cinculation	-										
- 1	41-7	0.6	19	No circulation											
257				Tripout 9 prepare le run 6" stel											
				casina		1									
					i										

WR 9/1

DRILLERS LOG

DA	⊤ ∈ \	Jod.	ျှရ	-6-83 BORE NO. Mª Minns H	182			Super	/isor:	********	*********			
DA	. 1 = 1 % .	4.399 76.	, , , , , <u> </u>	RN 22063		. ,	••	Driller:	Ĵ.	Brown	ghton.	***********		- interior interpretation -
					BIT DATA					-	G DATA			1
Time	Depth	Metres drilled	Mins lapsed	Driliers remark, casing details	No.	Size	Туре	Worn cond'n	ltem	O.D.	Length	Prog. taily	MUD DATA	WATER SAMPLES No. Depth
1315	41.7			Run casing										
			1	6.43 m										
,2,0			2	6.16 m										
		İ	3/	6·35 m										
			Ĺ,	6.34 m										
			5	6.35m		ļ 								!
			6.	6.16m										
			Ĵ,	6.35m										
	,			44.14m - cut cosing										
1455				Trip in with 43-15	-	55*	But	ton.	But	5±"	1.26	1-20		
1527				Commence hammering Quartz 4 dolomte					70.P	d12"	42.70	43.90		
	<u>428</u>	1.1	8	Quarta & dolomte										
1538	1 1 1			Add and & cont		<u> </u>			D.P.	42"	6.16	50.00		
1600	1			Blowing up cutaide of casing Fractured 42.9 - 43.6 m										
				Fractured 42.9 - 43.6 m					į					
-				Clean out drain - Full of sandy						<u> </u>				
				Clean out drain - Full of sandy										
				clay							·			
		-		Bogged water truch	1				1					
1640				Bogged water truch Clean up a knock off					1					
	_										<u> </u>		**************************************	
											i i		1	
					1.									

DRILLERS LOG WR 9/1 DATE Thurs 30-6-53 BORE No. Mc Minns 4/83 Driller: I. Broughton RN 22063 **BIT DATA** STRING DATA MUD SAMPLES Time Depth Metres Mins drilled lapsed Drillers remark, casing details Type Worn condin Length Size No. Depth Bit 52" 1.20 1.20 52" Button Service ria 0730 44.8 42.70 43.90 0800 42' 6.16 50.00 0907 Dolomite - cavity 47.6-48.1m 4±" 6-10 56-10 C547 12" 6.10 62.20 1013 1128 61.1 6.1 75 Dolomite - cavity 55.2 - 58.3 m Na" 6.10 68.30 1133 1402 67.2 6.1 149 1403 1510 1530 Water coming From above dolomite Tavities appeared to be dry but 1630

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WR 9/1

DRILLERS LOG

DATE Fr. 1-7-83	BORE No. Mc Minno 4/83	·	Broughton	ـــــــــــــــــــــــــــــــــــــ	
	BIT DATA		STRING DATA		

					BIT	DATA			STRIN	G DATA		W	WATER		
Time	Depth	Metres drilled	Mins lapsed	Drillers remark, casing details	No.	Size	Туре	Worn cend'n	Item	O.D.	Length	Prog. tally	MUD DATA		IPLES Depti
<u>0730</u>				Service rig 4 shovel mud away from											
			1	· · · · · · · · · · · · · · · · · · ·			<u> </u>								_
				Depth of Lole = 44m		<u> </u>		: :							
				5 W.L = 13.5m									Ş		
০%35	}	1		Run 1" galv. oioe											
	1			Mix 2 bago of cement											
0926				S.W.L = 13.5m Run 1" galv. cipe Mix 2 bago of cement Pour cement down pipe 9 displace. The title of the second proper of the second point of t			The state of the s								
			1	Climba L diach dimila			1						•		
943				Pull out 1" orde								. . .			
0956				Start to pull 6" casing						•					
1047				Pull out 1" aspe Start 5 pull 6" casing 6" casing out Run 3m of 88" surface casing			<u>}</u>								
1053				Run 3m of 85° surface casing					·						
	1			Coment casing									ere commonweller		
	1			Clean up site - bogged backhoe Move off										#	
1400				Move off											
1				Cut access to 5/83 & set up via									†		And the second
				Cut access & 5/83 4 set up rig Dig mud pit 4 draws; make Fire										1	1
1		,	ł	nram											1
1645				Mnoch off					1						<u> </u>
															•
											i L) 	
											-				
						j							j •· · · ·		
	,					1			1		-				

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