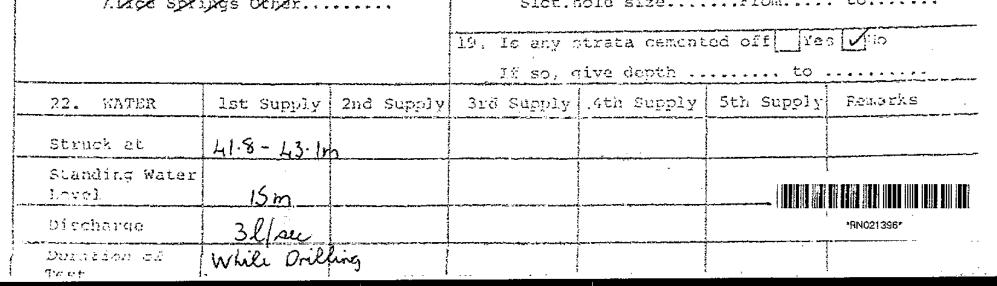
VARTICULARS OF COMMETED ROBEZW	KN_21396
	1 ndex No 80/2021
¢.	Advice No
20. Describe rock Wype, colour etc. any changes must be recorded.	L. Name of Dore 2. Name of Property
	Mc Minno 11/82 Koolpinyah Str. 3. Owner of Property 4. Type of Lease
	Pasteral
From - To	5. Lease/Block No. 6. Bore or Well
0-2m Red clay & laterite	Bore
2-6m Vellow clay 6-12.2m Vellow & white clay	7. Name of Contractor 8. Name of Driller
12.2-18.1m Yellow, red & white clay	Water Div. R. Setchell 9. Depth Recorded 10. Depth Drilled.
	9. Depth Recorded 10. Depth Drilled.
18.1 - 30.3 m White, yellow & red clay	55m
30.3-37.2m White, yellow & red clay some quartz & sandstore	11. Date Commenced 12. Date Completed.
	2-9-82
37.2-39m No circulation	13. Proposed use of Bore Domestic
39-41m Dolomite	Pastoral Stock Route Irrigation
41- Al.Sm Fractured dolomite	Town Supply Observation Investigation
41.8 - 43.1m Cavity - dolomite, quartz	14. Bore has been drilled by Actary
« claystore	Cable Tool Jetting Other
43.1 - 43.5 m Fractured dolomite	15. Bore Drilled Using Air Mud
43.5-55 m Delomite	Poam Water Degradable Polymer
	Size of drilling Bit. S. from. On to. 39m
•	.57. from. 39m. to. 55m
	16. Casing installed Steel ABS PVC
	Fibreglass Other
· · ·	Dia from to
2	Threaded Welded
	17. Screens None installed
	Staineless Steel Bronze PVC
	DiaSlot Size From to
	DiaSlot SizeFrom to
	Screens are Screwed connected by Pack
21. Sample of strata and water .	18. Perforation in casing Percussion Slotted
have been will he left at	Orycut VDrilled Other
Darwin Kezherine	Slot/hole size. 36 From. 40. to. 43m.
Mor Springs Other	Slot. hole size From to



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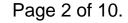
Page 1 of 10.

 $(\cdots, \cdots, \cdots, \cdots, \cdots, \cdots, \cdots, \cdots)$  , and the table 2Geological Basin ..... Conception and the second corner de M ressent of boor 200, 1 . 04, 4256 . . astanibro-or of The Mark an Burrolan Tod. ECI2 ... HAY WIGADON .. on ask DEEICA . The contraction of the state to the state of the state (spectropy is not control (control) southeat each to and mout sectorsis ruide súdissed sa vístados sa noitspol sur sdirpssé sesta NOITADOI andelvid those most bankades of nes aged bus ata fodel esecte contropar at partitud paratmoone mutate to of dore to seconduly 5.0 and that the to stames A SHITMAR ATAATS ٠ε with the bore name and dopth of supply. after of the feed encoust with boundaries on pulvial stated sub this yield give terrights protod yindong sitted the two sairs and which secrecess ready and mort bearsedo so replayed encountered during the drilling is required. Surfanly whence Wigne recever to so it on the section of the section of sections sectors sectors with the sector sectors sectors and the sectors of the sectors and the sectors and the sectors are sectors and the sectors are sectors and the sectors are sectors are sectors and the sectors are sector beige even as to un avere ar exem not eans exert an an an the term and be per second (rest) sidergeons sub stim bio . (buopes tog If possible please use metric units (metres, willingtres, little SJINO FIEVEE NOLE THE FOLLOWING --TOLLIG. .signature. Meller. ts true to the best of my knowledge. forger slift bas notervising yd rebau beforden og esd saf sigt tryper .aldierog it saitsbimod moul we chard boxres indee with the provession one bore clearly each. It more show one boxes we are the second of the s which (shored to soldsool has jobs anothoss to setrabuod work esself 78/11 | 0 w m SPRINGS ananot

Bore Report RN021396



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· · · · · · · · · · · · · · · · · · ·		· · · •	
· •		80/2021	
WATER ANALYSIS		Laboratory Register No.	1602
Depression of Transport & Works Water Son, Darwin N.T.	<u>Sta</u>	Date received in Laboratory	619182
	WR 4/1A Bottle No.		of sampling 3982
LOCATION AND DETAILS	· · · ·	RN21396 Depth 55m	Disch 3LPs
KOCLPINYAH MCM	. 1	RANGISTE Depite Son	RSP1010
G.R. 354246 WM Proposed water use:- Domestic, Stock,	Irrigation, other (specify)		
	· · · · · · · · · · · · · · · · · · ·	5 – PHYSICAL	<u></u>
pH Specific conductance	6.8	Colour (Hazen units)	······································
(microsiemens/cm at 25° C) Total dissolved solids	320	Turbidity (NTU's)	<del></del>
(mg/l - by evaporation at 180° C)	160	Suspended solids (mg/1)	
	ANALYSIS —	CHEMICAL (mg/1)	
Sodium, Na	2	Chloride, Cl	6
🗋 Potassium, K	<1	Sulphate, SO <sup>4</sup>	<u>Ļ</u>
Calcium, Ca	30	Nitrate, NO <sup>3</sup>	
Magnesium, Mg	19	Bicarbonate, HCO <sup>3</sup>	189
Total Hardness (as CaCO <sup>3</sup> )	153	Carbonate, CO <sup>3</sup>	
Total Alkalinity (as CaCO <sup>3</sup> )	155	Fluoride, F	0.2
Iron, (total) Fe DNSUITABI	LE FOR ANALYSIS	Orthosphosphate, PO <sup>4</sup>	
Silica, SiO <sup>2</sup>	16	NaCl (calc. from chloride)	8
	ANALYSIS – A	DDITIONAL (mg/1)	· -
Copper, Cu	🗌 Lead, Pb	🗌 Arsenic, As	
Manganese, Mn	Zinc, Zn	Cadmium, Cd	·
The sample as analysed is considered st	uitable for:-		<u></u> _, <u></u> , <u></u> , .
Drinking water — Yes/	¢	Stock watering	Yes/No
Irrigation — Yes/N	<b>o</b>	Others (specify)	Yes/No



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. With suitable treatment the Iron

concentration may be lowered to an

acceptable level.

Analysed By: G. JOHNSTON

Date 24/11/82

Boxes marked thus  $\boxtimes$  indicate levels considered undesirable for drinking water by the Northern Territory Department of Health.

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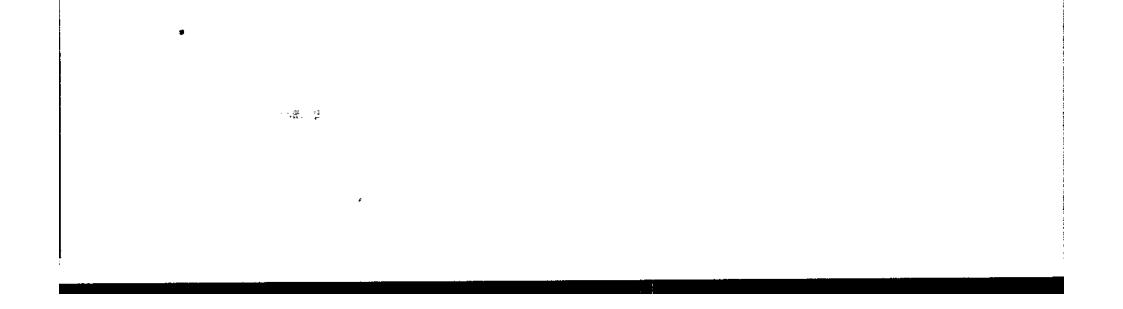
Page 3 of 10.

## ∎ ; GEOPHYSICAL DOWN HOLE LOGGING I halles have been 80/2021 RN21396. 80. OPERATOR pen. DATE 08/11/83. GAMMA RAY 5/A/6 RESISTIVITY S.P. CALIPER TEMP. **GAMMA** GAMMA

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	DA	TE	Thur	2 2-9-82 BORE No. MC Minn	Ø	1/82	RN	2139	6	Drille	r: R
					1	BIT I	DATA			STRIN	G DAT
Time	Depth	Feet drilled	Mins Japsed	Drillers remark, casing details	No.	Size	Туре	Worn cond'n	ltem	0.D.	Lengt
		······		Clean site Digmud pit & set up				· · · · · · · · · · · · · · · · · · ·			
				ma The			-				
5967				Doill 10" hole 1.5m Run surface cas	ino						
		<u>`</u>		Re assemble drag bit with new Finger	)	51	Draw	bit	Bit	84.	0.9
1044	·			Commence drilling				<u> </u>	<u>D.P.</u>	42"	6.10
	6.0	6.0	6	Red clay - 2m Yellow clay - 6m							
1058				Add D.t. & cont.					D.C_	51"	6.20
	9.2	3.2	5	Vellow & white clay - change to mud					 		
1130				continue - no circulation			 				
1137		<u> </u>		Out of much - waiting on water							•
1217				Mix more mud			 				
1230				Continue				 			
235	12.2	3.0	12	Vellow & white clay							
1240				Add D.C. & cont		· · ·			D.C	51"	5.90
1251	18.1	5.9	11	Yellow red & white clay		] 					
1254				Add rod & cont.					<u>D. P.</u>	hž.	6.10
12.56	19.5	1.4	_4_	cut of mud-waiting on water		. <u>.</u>					-
1327		<del></del>		Mise more mud		1 1 1				-	
1367		<u>    .   .                            </u>		Continue		 					
355	24.2	4.7	8	White, yellow & red clay	<u> </u>		 			1 1	
1357				Add rod & cont		·····			<u>D.P.</u>	42	6.10
1413	30.3	6.1	16	White yellow a red clay - out of mud			<u> </u>				
			-	Waiting on water						•	
1427				Misc more mud			 		<u> </u>		
1440				Clian out hole		ļ	<u> </u>				· [

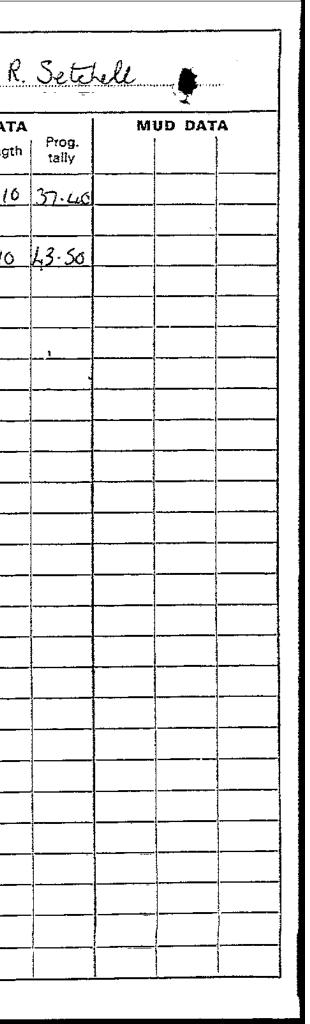
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Page 5 of 10.

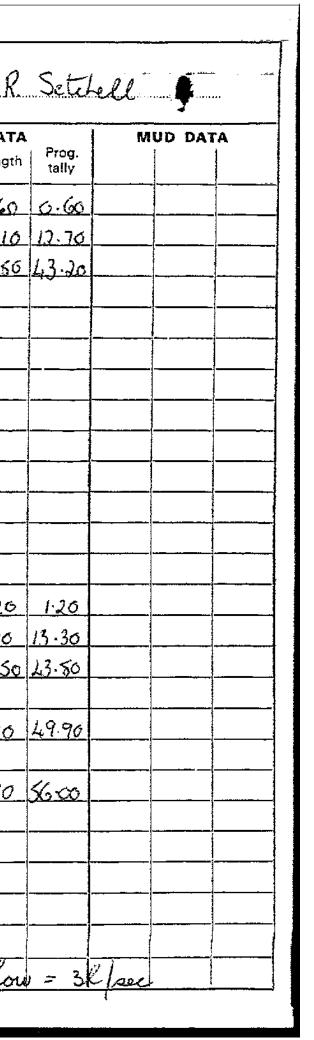
		<u></u>	<u></u>		 	BIT (	DATA			STRIN	G DAT
Time	Depth	Feet drilled	Mins lapsed	Drillers remark, casing details	No.	Size	Туре	Worn cond'n	ltem	0.D.	Lengt
1448				Add rod & cont.					D.P.	42"	6.10
1502	36.4	6.1	14	White nollow & red clay- some quants	42	bter	<u>4</u>				
1504				Add rod & cont		[			D. P.	ÀJ"	6.10
1505				out of mud - waiting on water		[					
1523				Hdd rod & cont. White, yellow & red clay- some quants Add rod & cont out of mud - waiting on water Mix more mud						· ·	-
1535				Continue							
	37.2	0-8	6	Same strate - handler at 37.2m							
1542					 						
1600				Tripped out Break out Tong U.S. Reprise	<b></b>	·					
				Reprise				-		-	
1640				Clean up a knock off	ļ						
				l	ļ						
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<u> </u>					<b></b>	·	-				
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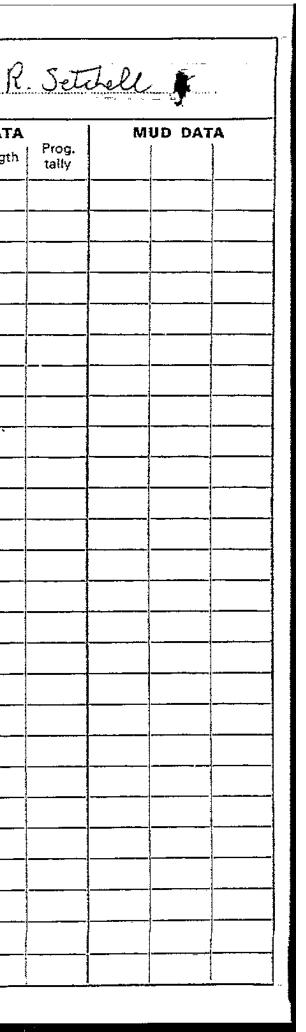
WR 9/	102139 L			DRILLERS LOG					- <b></b> .		<u>.</u>
	ĐA	TE !	- M	BORE No. MC Minn	2 II	182	RN 3	21390		Drille	ər : R.
	<u> </u>				<u></u>	BIT	DATA			STRIN	G DAT
Time	Depth	Feet drilled	,Mins lapsed	Drillers remark, casing details	No.	Size	Туре	Worn cond'n	ltem	0.D.	Length
0730	37-2			Service min - Hale caused in to 4.8m		73.	R.R.		Bit	73*	6.60
				Service nig - Hale cased in to 4.8m Trip in & clean out hale					20.C		1
0838				Commence with 73/ R.R.					500		30.50
0841				Out of much - mise more much						<u> </u>	
0905	39-0	1.8	15		· <b></b>						
<u> </u>				Run casing							
		<u> </u>		1. + ohce = 6.27 m						 	
				2. 6.23 = 12.50m			 				
				3. 6.26 = 18.76m			[				- 
		 		4 6.16 = 24.92m							
	·	} 		<u>5 700 = 31.92m</u>							
1015	<u>.</u>			6 7.55 = 39-77m		! 	l 1				
				Elean out lines a cut casing		<u> </u>				·	
1034				Kepain D.P. quides & bionician	<u> </u>				Bit	52"	1.20
1045				Trip in with 43-15					<u>202</u>	42	12.10
<u>1110</u>	<u> </u>			Commence with hammen		·			<u>SDP</u>	42"	<u>30-50</u>
h28	12.8	3.5	18	Dolemite to 41 Freictured to 418m - Cavit	<u>, t</u> _	12-8m	- 34	Jaer			
<u>1134</u>				Add mord & cont				[	<u>p.p.</u>	41	6.10
	18.9	6.1	53	Cavity to L3.1m Fractured to 13.5m - Dolo	mite	<u>t 2</u>	<u>9</u> n				
230				Add rod & cont	<u> </u>	-			<u>D. P.</u>	41"	6.10
	<u>55 o</u>	6.1	36	Polomite - trip out & run 2" P.V.C.							-
1418			-	P.V.C went te 13m. censorations 43-40m						<u></u>	-
1439	<u> </u>			Gravel part back to ho. Em - get more	grow	<u>il</u>					
1 <u>430</u>				Gravel park back te 37m.			<b>-</b>				
				Start pulling 6" caping	л	<u> </u>					10
<u> </u>		<u> </u>	1	Clean up & knoch off Water seit			12'	1 J.W	L= 13	m	Flor
				F. D. Atkinson, Governm	ent Prin	ter, Darw	'n				



Page 7 of 10.

WR 97		<u></u>		DRILLERS LOG	÷		0				
	DA	TE	Sat	4-9-82 BORE No. M° Min	nno	11/82	L R	W 21	396	Drille	er:
					1	BIT I	DATA			STRIN	G DAT
Time	Depth	Feet drilled	Mins lapsed	Drillers remark, casing details	No.	Size	Туре	Worn cond'n	Item	0.D.	Lengt
0730				Service nig Pull reat of casing Make up cap for P.V.C Clean up site 4 cack up geor Take rehicles back to camp			4 				<u></u>
1500				Pull next of casing	- 						
0830				Make no cap for P.V.C							
0330				Clean up site 4 oach up geor							
1030				Take vehicles back to camp							
				£			ļ				-
				······································			- 				
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ZA: VGCATION	SAFECH (atom ute)	· · · · · · · · · · · · · · · · · · ·	
	RN 21396		
2			2 2 2 3 3
, <u>manuan</u> 		GUNN PT ROAD	
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Research and a second and a sec			1
HOWARD SPRIN	V-r		
HOWARD SPR	\$ \$		
		- 100m 1-	]
 Fr		1	: ; ;
		700m l	
			*
	ž	Y @ 1 11/52	
Please show section. I	boudaries of sections etc,	and location of nore(s) with pr	
from bounda	r more than one bore clearly ries if possible.	; identify each. Marked distant.	
			· •· }
24. This bore ha	s been constructed under by	supervision and this proces	
LS LIVE to t	ne pest or my knowledge.		
Signature!	2. Setelell Driller	Date 4 - 9 - 8 -	
PLEASE NOTE	THE FOLLONTNE:-		
UNITS	If possible please use metr	io units (metres, Millinetres, 194)	t a , St
UNITS	per second). Old units are	acceptable (fert, inches. Galler, make it clear was a part and every	
2. WATER SAM	PLES Asample of not less U	han one litre of each water surply ling is required. Surface plastic	
Construction of the second sec	pottics can be obtained from	M the Water Resources Branches Fire	
The second secon	tinse out all bottle proper, the bottle leaving no entra	ly before surpring. Serple'sly the pool air. Flease lased the Double	· · ·
	with the bore name and copul	h of supply.	
3. STRATA SA	MPLES A sample of not less t	than 0.2 Kilourans of each by st	
Ministra Arts	samples with the hole name a	irallang is required. Phose (ab.) and interval cralies. Phose (ab.)	
	and tags can be obtained fre	om Waxer Divisi a	£

LOCATION Please describe 11.0 AS accurate]

