

PARTICULARS OF COMPLETED BORE/WELL

Registration No. 22060

Index No 80/2182

Advice No

20. Describe rock type, colour etc. any changes must be recorded.  From - To 0 - 0.3m TOPSOIL 0.3m - 11.9m RED & WHITE CLAY 11.9m - 23.9m RED, WHITE & YELLOW CLAY 23.9m - 36.1m RED, WHITE & YELLOW CLAY & SOME QUARTZ 36.1m - 63.3m RED, WHITE & YELLOW CLAY SOME QUARTZ & SANDSTONE 63.3m - 75.4m DOLOMITE	1. Name of Bore M <sup>c</sup> MINNS 1/83	2. Name of Property KOOLPINYAH STN.
	3. Owner of Property	4. Type of Lease PASTORAL
	5. Lease/Block No.	6. Bore or Well BORE
	7. Name of Contractor WATER DIV.	8. Name of Driller I. BROUGHTON
	9. Depth Recorded	10. Depth Drilled. 75.4m
	11. Date Commenced 4-5-83	12. Date Completed. 7-5-83
	13. Proposed use of Bore <input type="checkbox"/> Domestic <input type="checkbox"/> Pastoral <input type="checkbox"/> Stock Route <input type="checkbox"/> Irrigation <input type="checkbox"/> Town Supply <input type="checkbox"/> Observation <input checked="" type="checkbox"/> Investigation	
	14. Bore has been drilled by <input checked="" type="checkbox"/> Rotary <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetting <input type="checkbox"/> Other	
	15. Bore Drilled Using <input checked="" type="checkbox"/> Air <input type="checkbox"/> Mud <input type="checkbox"/> Foam <input type="checkbox"/> Water <input checked="" type="checkbox"/> Degradable Polymer Size of drilling Bit. 9" from 0 to 43.9m 7 3/8" from 43.9 to 63.3m 5 1/2" from 63.3 to 75.4m	
	16. Casing Installed <input type="checkbox"/> Steel <input type="checkbox"/> ABS <input checked="" type="checkbox"/> PVC <input type="checkbox"/> Fibreglass <input type="checkbox"/> Other..... ..2" Dia from 0 to 75.4m ..5 1/2" Dia from 0 to 3m Threaded Welded	
	17. Screens <input checked="" type="checkbox"/> None installed <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Bronze <input type="checkbox"/> PVC Dia.....Slot Size.....From.... to..... Dia.....Slot Size.....From.... to..... Screens are Screwed connected by Pack	
	18. Perforation in casing <input type="checkbox"/> Percussion Slotted <input type="checkbox"/> Oxycut <input checked="" type="checkbox"/> Drilled Other..... Slot/hole size..7 3/8" From 69.4 to 75.4m Slot/hole size.....From.... to.....	
	19. Is any strata cemented off <input type="checkbox"/> Yes <input type="checkbox"/> No If so, give depth ..... to .....	

22. WATER	1st Supply	2nd Supply	3rd Supply	4th Supply	5th Supply	Remarks
Struck at	No WATER					
Standing Water Level						
Discharge						
Duration of Test						



\*RN022060\*

23. LOCATION SKETCH (item use)

Please show boundaries of sections etc, and location of bore(s) within section. If more than one bore clearly identify each. Marked distance from boundaries if possible.

24. This bore has been constructed under by supervision and this report is true to the best of my knowledge.

Signature...*[Signature]*...Driller Date...7.5.83.....

PLEASE NOTE THE FOLLOWING:-

1. UNITS If possible please use metric units (metres, Millimetres, litres per second). Old units are acceptable (feet, inches, gallons per hour) but make sure you make it clear which you are using.
2. WATER SAMPLES A sample of not less than one litre of each water supply encountered during the drilling is required. Suitable plastic bottles can be obtained from the Water Resources Branch. Please rinse out all bottle properly before sampling. Completely fill the bottle leaving no entrapped air. Please label the bottle with the bore name and depth of supply.
3. STRATA SAMPLES A sample of not less than 0.2 kilograms of each 3m of stratum encountered during drilling is required. Please label all samples with the hole name and interval drilled. Plastic bags and tags can be obtained from Water Division.
4. LOCATION Please describe the location as accurately as possible giving distances from one or more features (such as other bores, dams, etc.) within a close distance. Preferably give a sketch of the area.

26. OFFICE USE ONLY: KOCKPINYAH SHEET 5103 EDT. 1 SERIES R621  
 Map No.: 293.230..... Plotted on Map Date: 25/5/83.....  
 AMG Co-ordinates: 293.230..... Traced to Master Map Date: 28/5/83.....  
 Datum (A.H.D.):..... Checked by: *[Signature]* Date:.....  
 Geological Basin:..... Signature (Bore Inspector) Date:.....

# GEOPHYSICAL DOWN HOLE LOGGING

No.

80/2182  
RN22060.

OPERATOR	ASM.
DATE	17/05/83.
GAMMA RAY	3/11/1.
RESISTIVITY	
S. P.	
CALIPER	
TEMP.	
GAMMA GAMMA	

DATE 4-5-83

BORE No. *M<sup>c</sup> Minno* *1/83* *RN 22060<sup>S</sup>*

Supervisor:

Driller: I Broughton

A. B. CAUDELL, Government Printer of the Northern Territory

WR 9/1

**DRILLERS LOG**DATE 5-5-83 ThursBORE No. M<sup>9</sup> Minna 1/83

Supervisor: \_\_\_\_\_

Driller: I. BroughtonRN 22060

Time	Depth	Metres drilled	Mins lapsed	Drillers remark, casing details	BIT DATA				STRING DATA				MUD DATA	WATER SAMPLES	
					No.	Size	Type	Worn cond'n	Item	O.D.	Length	Prog. tally		No.	Depth
0730				Service rig & clean out drains		9"	Drag bit		Bit	9"	0.75	0.75			
				Hole caved in to 11.4m					2 D.C.	5 1/2"	12.10	12.85			
0818				Trip in					D.P.	4 1/2"	6.10	18.95			
0831				Mud pump has to be cleaned & primed					D.P.	4 1/2"	6.10	25.05			
0925				Commence cleaning out hole					D.P.	4 1/2"	6.10	31.15			
0945	30.0			Hole cleaned out											
0947				Add rod & cont.					D.P.	4 1/2"	6.10	37.25			
1003	36.1	6.1	16	Red, white & yellow clay - some quartz											
1006				Add rod & cont.					D.P.	4 1/2"	6.10	43.35			
1033	42.2	6.1	27	Red, white & yellow clay - quartz & s/stone											
1037				Add rod & cont.					D.P.	4 1/2"	6.10	49.45			
1045	43.5	1.3	51	Harder - trip out & change to 7 3/8 R.R.											
				Clean out mud pit & mud											
1240				Hole caved in to 9.5m - trip in & clean out hole		7 3/8"	R.R.		Bit	7 3/8"	0.50	49.25			
1313				Continue drilling											
1337	48.1	4.6	24	Yellow, red & white clay, quartz & s/stone											
1340				Add rod & cont.					D.P.	4 1/2"	6.10	55.35			
1358	54.2	6.1	18	as above											
1403				Add rod & cont.					D.P.	4 1/2"	6.10	61.45			
1406	60.3	6.1	3	As above											
1412				Add rod & cont.					D.P.	4 1/2"	6.10	67.55			
1418	63.3			Harder											
1451	63.5	3.2	39	Dolomite - from 63.3m											
1452				Trip out											
				Prepare to run casing											

DATE Thurs 5-5-83

BORE No. M<sup>c</sup> Minns 1/83

Supervisor: .....

Driller: I Broughton

RN 22060

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DATE Fri 6-5-83

BORE No. *M<sup>c</sup> Minns 1/83*

Supervisor: \_\_\_\_\_

Driller: I. Broughton

W.R.D. 8876 RN 22060

A. B. CAUDELL, Government Printer of the Northern Territory

DATE Sat 7-5-83

BORE No. M<sup>c</sup>Mins 1/83 RN 22060

Supervisor: \_\_\_\_\_

Driller: I. Broughton

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