NAME	Dunja Bore. 8m SE of h/s.
LOCALITY	Napperby
DEPTH	470 ft 143.29 m
CASINGS	
PERFORATIONS / SCREENS	
LOCATION	22 / 5 / 20.0 E 11.0 N
SURFACE LEVEL R.L.	
B M LEVEL R.L.	
DATUM	
CONTRACTOR.	
DRILLER.	M. Robinson.
DATE STARTED.	
DATE FINISHED.	1955
INDEX No.	22/178
REG. No.	3379
FILE No.	

WATER

AQUIFERS			
DEPTH STRUCK	460		140.2
AQUIFER THICKNESS			
STANDING WATER LEVEL	200		60.97 m
PUMP TEST G.P.H.	1800		2.25 l/s
DRAWDOWN LEVEL			
PUMP LEVEL			
DURATION OF TEST HOURS			
R.L. S.W.L.			
WATER TEMPERATURE °C			
TRANSMISSIBILITY			
STORAGE COEFF.			
ANALYSES			
BINOMIAL CLASSIFICATION			
T.D.S.	3110	3107	
CONDUCTIVITY			
TOTAL HARDNESS	1086	1084	
CHLORIDE	1460	1460	
BICARBONATE	207	281	
CARBONATE			
SULPHATE	296	296	
NITRATE			
FLUORIDE			
SODIUM	650	670	
POTASSIUM		33	
CALCIUM		264	
MAGNESIUM		103	
P.H.	7.1	7.5	
REG. ANAL. No.	12131	12147	

EQUIPMENT.

REMARKS.

STRATA SECTION

DEPTH FEET | CASING | AQUI. | SEC.

STRATA	
0	Soil
	White clay.
	White & yellow siltstone
	Sandstone.
450.	Water in loose sand but-bore has not sanded.

Tertiary KER

WATER RESOURCES BRANCH

INSPECTING OFFICERS REPORT OF BORE

BORE NAME DUNJA.

R.N. 3379 I.N. 22/178

NAME OF PROPERTY Napperley

MAP NO. SF 53-9 GRID REF. 608182

OTHER MAPS - DRAWING NO.

LOCATION OF BORE: 11 km SE of H/S

CONDITION OF BORE NOT USED FOR YEARS

DEPTH (if measured) _____ metres

S.W.L. (if measured) _____ metres

BORE EQUIPPED WITH PUMP JACK.
10 HP SX DIESEL.

ESTIMATED DISCHARGE (when sampled) _____ litres per second

WATER SAMPLE ~~Taken~~/Not Taken Bottle Number _____

OTHER COMMENTS
Jagged. with RN.
Bore cleaned out by M Robinson. ca 1976

Inspecting Officer JMReed

Date 11 · 7 78

Uranium Analyses

CRA 1971
" 12 ppb

CDA 1970
" 10 ppb

RLR

N.T.A. 152

NORTHERN TERRITORY ADMINISTRATION—WATER RESOURCES BRANCH

WATER ANALYSIS

Sample No. 70/1372 Date received in Laboratory 3.9.70.

Time and date of sampling. 1430 Hrs. 25.8.70.

Location and details Napperby Station.

Dunja Bore EN 3379 22/178

Analysis in parts per million— p.p.m. (unless otherwise stated)—

Appearance		Taste and odour	
Conductivity (Micromhos/cm²) at 25°C	4670	pH	7.7
Total dissolved solids	2980	Hardness, total	881
Suspended solids		Hardness, temporary	120
Total solids		Hardness, permanent	761

Anions—		Cations—	
Chloride	1392	Sodium	655
Sulphate	200	Potassium	38
Nitrate	2	Calcium	185
Nitrite		Magnesium	102
Carbonate		Ammoniacal nitrogen	
Bicarbonate	146	Iron	40.
Fluoride	1.6	Aluminium	
Silica	2	Selenium	
Boron		Arsenic	
Alkalinity	120	Copper	
Turbidity		Lead	
Phosphate	∠ 1	Manganese	

Analysed by John B. Jones.

Date 19.2.71

REMARKS: The sample as tested is chemically unsuitable for human consumption according to World Health Organisation drinking water standards, due to excessive total dissolved solids - suitable for stock.

Origin of Water RAPPEND STATION BORE No 2

Reference. SN 63 844 / 1101

Specimen Advice Note No.

Date Sampled 4/4/63

Date Received 4/4/63

Results in parts per million

HARDNESS (Calculated as CaCO3)	1084
„ Total	230
„ Temporary	234
„ Permanent	
FREE ALKALI (Calculated as CaCO3)	Nil
CHLORIDE	1460
SULPHATE	256
FLUORIDE	-
CALCIUM	264
BICARBONATE	281
CARBONATE	Nil
SODIUM	670
POTASSIUM	33
MAGNESIUM	103
NITRATE	Nil
NITRITE	-
AMMONIA	-
TOTAL DISSOLVED SALTS	3207

pH 7.5

General remarks of Analysing Officer with particular reference to suitability of the water for the purpose for which it is stated to be required.

The sample, as analysed, is chemically suitable for stock. The salt content of the water may be excess for some agricultural purposes.

Signature W. D. Vickers

Date 9/4/63

6,250 ppm. equals approx. 1 oz. per gall.

NAPPERBY STATION

Origin of Water 63 786

Reference. SN...../.....

DUNJA BORE

Specimen Advice Note No. 10778

Date Sampled 6/3/63

Date Received 11/3/63

Results in parts per million

HARDNESS (Calculated as CaCO3)	1086
„ Total	170
„ Temporary	916
„ Permanent	—
FREE ALKALI (Calculated as CaCO3)	Nil
CHLORIDE	1460
SULPHATE	296
FLUORIDE	—
CALCIUM	—
BICARBONATE	207
CARBONATE	Nil
SODIUM	650
POTASSIUM	—
MAGNESIUM	—
NITRATE	—
NITRITE	—
AMMONIA	—
....	
....	
TOTAL DISSOLVED SALTS	3110

pH .....7.1.....

General remarks of Analysing Officer with particular reference to suitability of the water for the purpose for which it is stated to be required.

The sample, as analysed, is considered chemically unsuitable for agricultural purposes due to the salinity of the water.

Signature D.L.R. Newman

6,250 ppm. equals approx. 1 oz. per gall.

Date 27-3-63

MAPPERLEY STATION 62 314

Dunja 7789

3/1/62 4/1/62

	1035
	230
	806
	Nil
	1410 *
	233
	1.6
	250
	281
	Nil
	640
	32
	100
	0
	2
	5.948 *
7.5	

The sample, as analysed, is chemically suitable for stock consumption.

* See Note on the next sheet

[signature]
24/1/62.

A sample of water from Dunja Bore, Napperby Station was analysed in January, 1962.

The water was incorrectly reported to contain 410 p.p.m. 'Chloride' and a 'Total Dissolved Solids' of 1,948 p.p.m. The 'Chloride' content in fact was 1,410 p.p.m. which gave a 'Total Dissolved Solids' of 2,948 p.p.m.

The remarks of the report stated that the water was suitable for stock, the variation in results does not alter these remarks.

(B.D. SIEBERT)
Chemist.

9/4/1963.

RN003379

N.T.A. WATER RESOURCES BRANCH

BORE DATA SHEET

NAME	Dunj a 8 m SE of h/s	INDEX No.	22/178
LOCALITY	Napperby	REG. No.	3379
DEPTH	470'	FILE No.	
CASINGS		PERFORATIONS / SCREENS	
LOCATION	22 / 05 / 21.0 E 11.0 N	SURFACE LEVEL R.L.	B M LEVEL R.L. / DATUM
CONTRACTOR.	DRILLER. M. Robinson	DATE STARTED.	DATE FINISHED. 1955

WATER

AQUIFERS				
DEPTH STRUCK	460			
AQUIFER THICKNESS				
STANDING WATER LEVEL	200			
PUMP TEST G.P.H.	1800			
DRAWDOWN LEVEL				
PU LEVEL				
DURATION OF TEST HOURS				
R.L. S.W.L.				
WATER TEMPERATURE °C				
TRANSMISSIBILITY				
STORAGE COEFF.				
ANALYSES				
BINOMIAL CLASSIFICATION	7-1	7-5		
T. D. S.	3110.	3107.		
CONDUCTIVITY				
TOTAL HARDNESS	1086	1084		
CHLORIDE	1460	1460		
BICARBONATE	207	281.		
CARBONATE				
SULPHATE	296.	296.		
NITRATE				
FLUORIDE				
SODIUM	650	670		
POTASSIUM		33		
CALCIUM		264		
MAGNESIUM		103		
REG. ANAL. No.	12131	12147		

EQUIPMENT.

REMARKS.

STRATA SECTION

DEPTH FEET	CASING	AQU.	SEC.	STRATA
				10 Soil
100				White clay
				white and yellow siltstone
200				and sandstone
				450
300				Water in loose sand but bore has not sanded
400				
500				

N.T.A. 152

NORTHERN TERRITORY ADMINISTRATION—WATER RESOURCES BRANCH

WATER ANALYSIS

Sample No. 70/1372 Date received in Laboratory 3.9.70.

Time and date of sampling 1430 Hrs. 25.8.70.

Location and details Kapperty Station.

Dunja Bore RN 3379 22/178

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Boron		Arsenic	
Alkalinity	120	Copper	
Turbidity		Lead	
Phosphate	1.1	Manganese	

Analysed by John B. Jones.

Date 19.2.71

REMARKS: The sample as tested is chemically unsuitable for human consumption according to World Health Organisation drinking water standards, due to excessive total dissolved solids - suitable for stock.