

BORE DATA SHEET

GR 582 827

NAME	No. 11	INDEX No.	58/11
LOCALITY	Murraraji S/R	REG. No.	588
DEPTH	608' 185.31m	FILE No.	
CASINGS	608' of 6"; 378' of 5" 185.31m x 15m 115.21m x 125m	PERFORATIONS	Bottom 36' perf. 6" 10.97m x 15m
LOCATION	58 / 02 / 3.75 E 15.75N	SURFACE LEVEL	B.M. R.L.
CONTRACTOR		DRILLER	
		DATE STARTED	DATE FINISHED 1923

WATER				STRATA SECTION			
AQUIFERS				DEPTH FEET	CASING	AQU	STRATA
DEPTH STRUCK	550	167.44m					Soil
AQUIFER THICKNESS				50	6.2m		Clay and siltstone
STANDING WATER LEVEL	372	112.8m	113.38m				25.1m
PUMP TEST G.P.H.	1000	1.25/s		100	30.5m		Yellow siltstone
DRAWDOWN LEVEL							110 31.6m
PUMP LEVEL	378	115.21m		150	45.7m		Red clay
DURATION HOURS OF TEST							Yellow sandy clay
R.L. S.W.L.				200	61.0m		
WATER TEMPERATURE °C							
TRANSMISSIBILITY				250	76.2m		
STORAGE COEFF.							
ANALYSES		11.11.65		300	91.5m		42.7m
BINOMIAL CLASSIFICATION				350	106.7m		Yellow limestone 104.3m
T.D.S.	494	4.19		400	122.0m		Red clay (water) 106.75m
CONDUCTIVITY		720		450	137.2m		Yellow limestone
TOTAL HARDNESS	272	TEMP. 236 246		500	152.5m		
CHLORIDE	35	30		550	167.7m		Volcanic rock 176.7m
BICARBONATE	337	225		600	183.0m		Hard limestone, cave, honey-comb and hard limestone
CARBONATE	7	0.3		650	198.2m		
SULPHATE	12	15		700	213.5m		
NITRATE	1	MAKING					
FLUORIDE	0.2	0					
SODIUM	20	12					
POTASSIUM	8	5.4					
CALCIUM	19	6.5					
MAGNESIUM	55	2.8					
ALKALINITY		36.9					
P.H.		7.67					
IRON		0.17					
REG. ANAL. No.	5532	16.442					
EQUIPMENT. 27" "D" Mill, 3 x 25,000 gal. squatters tanks, 208" troughing, 4 squatters tanks inter-connected							

Invites trouble.

☐ For extra help and advice talk to your Codaflex stockist.

Opening Doors To Better Records Management



RN000588

WATER DIVISION

BORE TAGGING CERTIFICATES

R.N. 588 I.N. 58/11 Adv. No.

Depth Supply l/s S.W.L.

Watersample : Yes/No Casing Dia.

Local bore name Morrangyi 4R N° 11

Property/area

Method of location

Other Comments

Tagged by : (Print) PR Bruppacher

Date 27/5/82

PR Bruppacher
(Signature)

Location sketch (field use)

Office Use :

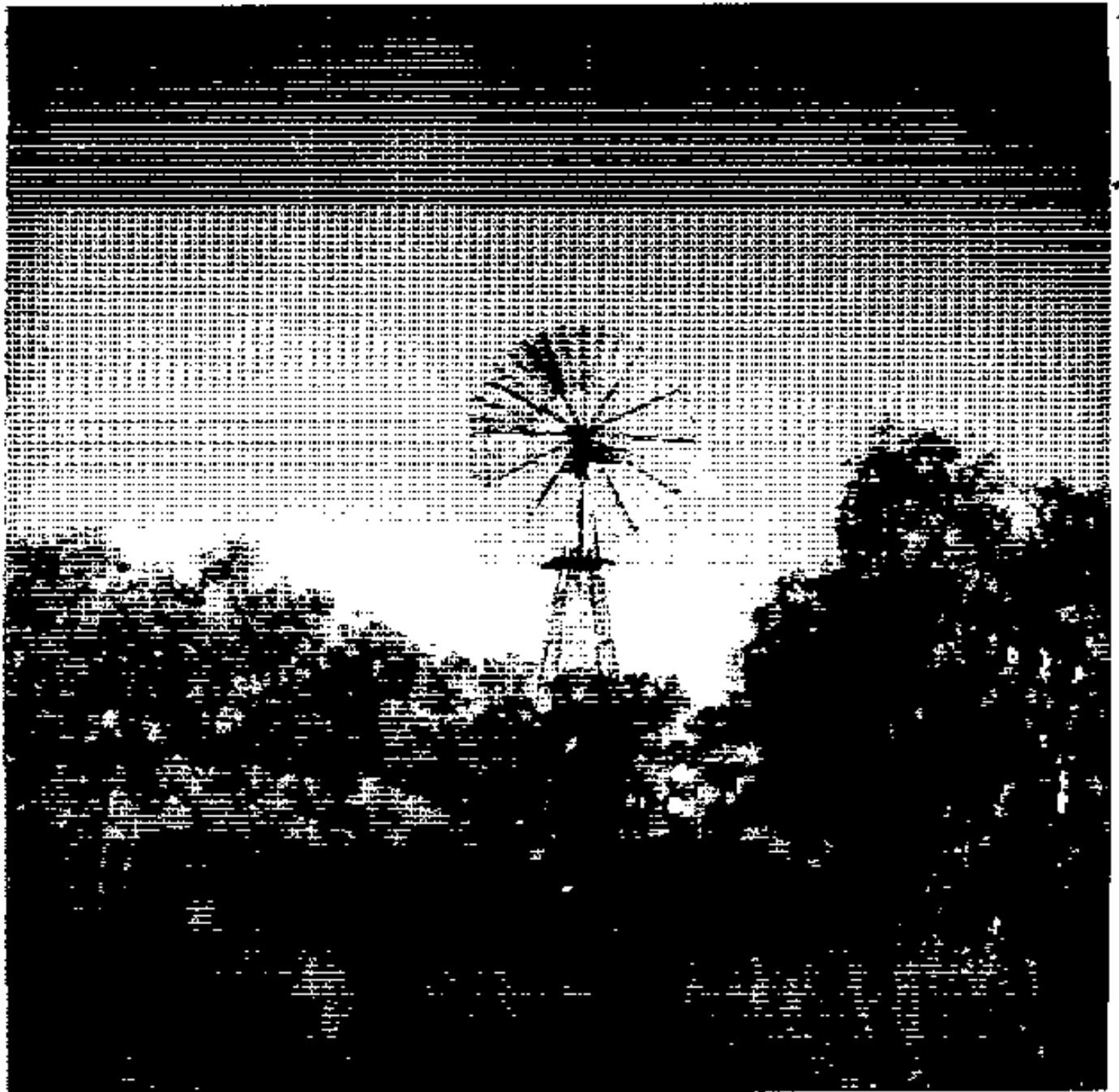
Map No. :

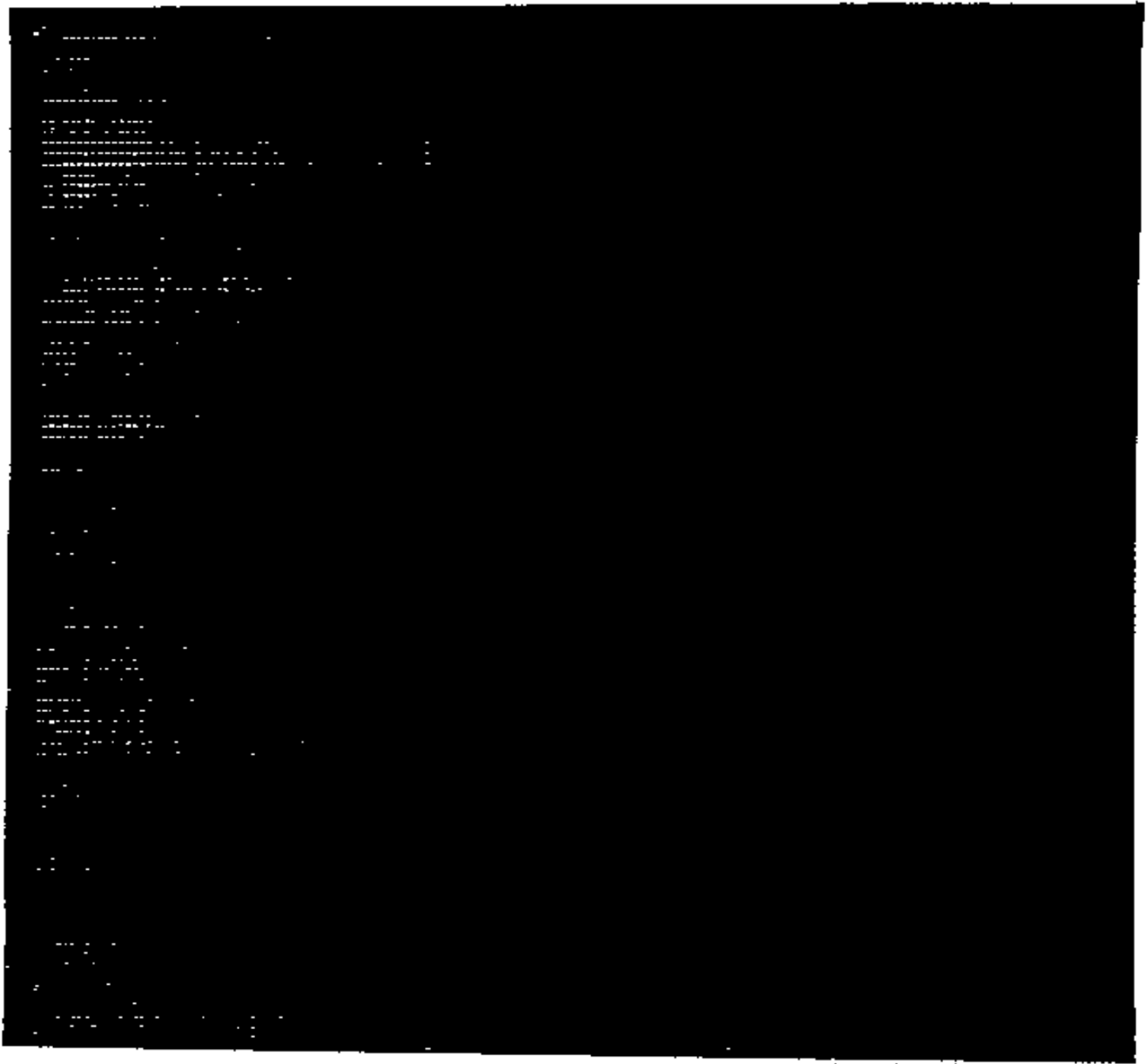
Lat. & Long. :

Huddon Valley 5464
1100000
Grid Ref 399442

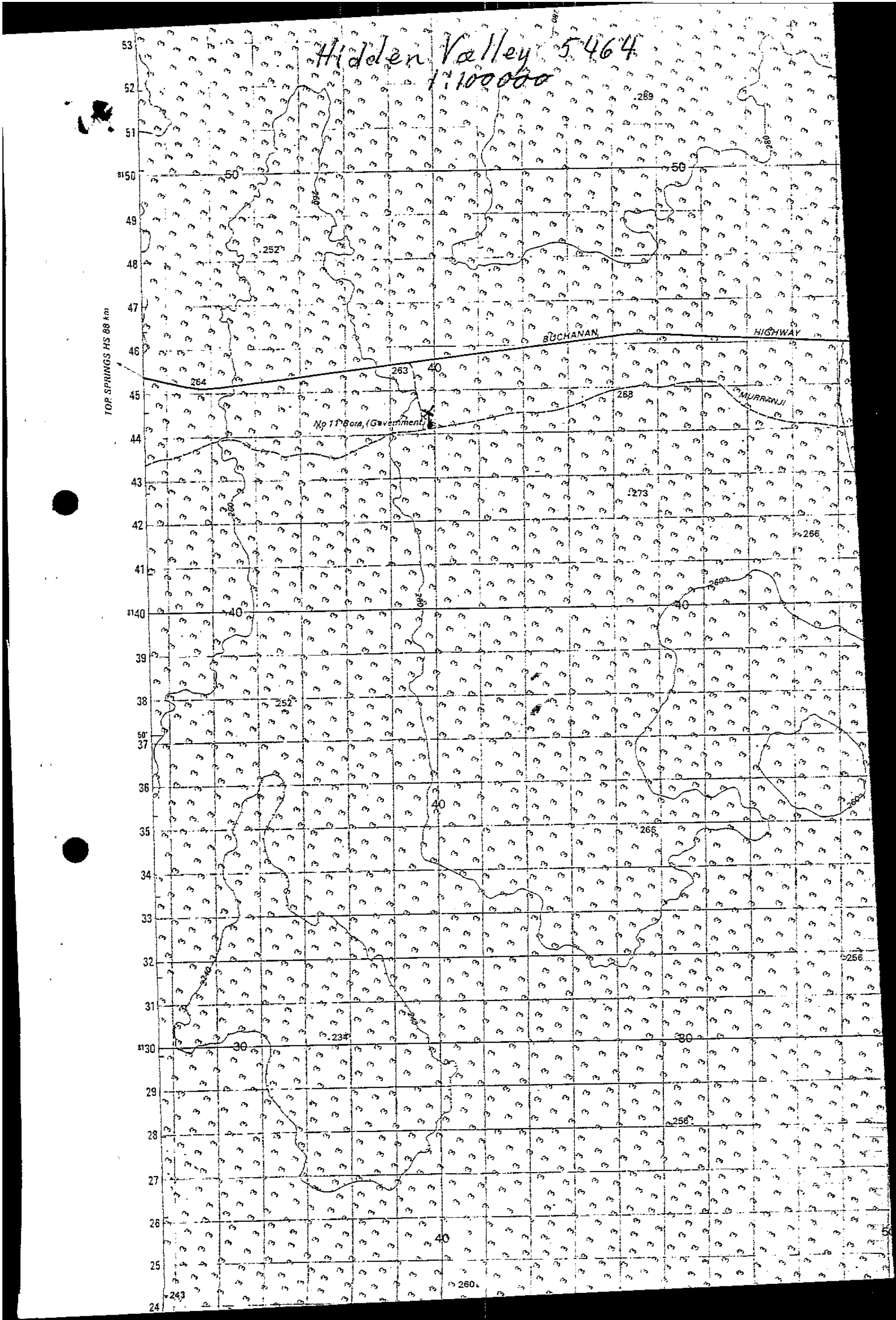
Coordinates :

1100000 1 19
(Signature)





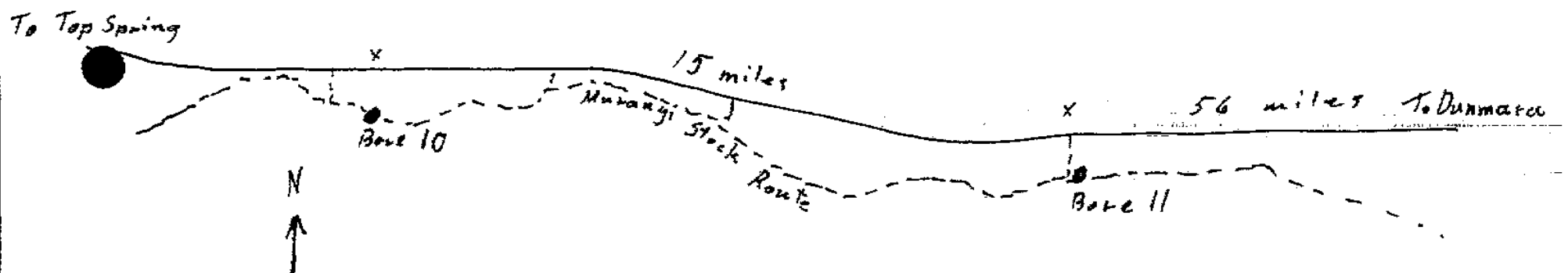
IN. 11 MURRANJ1 SR N° 11 BORE
RN 588



Grid Ref 399 442

MINES AND WATER RESOURCES BRANCH
INSPECTING OFFICER'S REPORT OF BORE

NAME OF PROPERTY Murungu SR
NAME OF BORE N° 11 R.N. 588
INDEX NUMBER 58/11 GRID REF. 582 886
LOCATION OF BORE 16 miles E of N° 12 Bore
CONDITION OF BORE _____
TOTAL DEPTH OF BORE _____ FEET
STANDING WATER LEVEL _____ FEET
BORE SUPPLY _____
BORE EQUIPPED WITH Comet D Pattern WMI 27'
4 Tanks a 25000 gal. 208' Trough.
SIZE OF CASING 6" 4 Column
WATER SAMPLE - Taken/Not taken Elevation feet 850'
OTHER COMMENTS: _____



Inspecting Officer P. B. Bragg
Date _____

N.T.A. 152

NORTHERN TERRITORY ADMINISTRATION—WATER RESOURCES BRANCH

WATER ANALYSIS

58/11

Sample No. 67/981 Date received in Laboratory _____
Time and date of sampling. 0945 21-7-67
Location and details Murranti s/route No. 11 bore RN. 588 Ref. 58/11
16 miles east no. 12 bore.

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

Appearance _____	Taste and odour _____
Conductivity (Micromhos/cm ²) <u>467</u>	pH <u>7.95</u>
at 25°C _____	Hardness, total <u>282</u>
Total dissolved solids _____	Hardness, temporary <u>274</u>
Suspended solids _____	Hardness, permanent <u>8</u>
Total solids _____	

Anions—

Chloride _____	<u>6</u>
Sulphate _____	<u>0</u>
Nitrate _____	<u>0.6</u>
Nitrite _____	
Carbonate _____	
Bicarbonate _____	<u>167</u>
Fluoride _____	<u>0.05</u>
Silica _____	
Boron _____	
Alkalinity _____	<u>247</u>
Turbidity _____	

Cations—

Sodium _____	<u>2</u>
Potassium _____	<u>3.4</u>
Calcium _____	<u>32</u>
Magnesium _____	<u>48</u>
Ammoniacal nitrogen _____	
Iron _____	<u>0</u>
Aluminium _____	
Selenium _____	
Arsenic _____	
Copper _____	
Lead _____	
Manganese _____	<u>0.2</u>

RAN. 19630

Analysed by J. Elder.Date 15-9-67.REMARKS:

The sample as tested is chemically suitable for human consumption.

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N.T.A. 152

NORTHERN TERRITORY ADMINISTRATION—WATER RESOURCES BRANCH

WATER ANALYSIS

50/3 2

Sample No. 69/0746 Date received in Laboratory 4/7/69Time and date of sampling 25/6/69 - 1400 hrs.Location and details Murrumbidgee Stock Route, Bore No. 11 B/N. 585 588

58/11

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

Appearance _____

Taste and odour _____

Conductivity (Micromhos/cm²) _____pH 7.50at 25°C 650Total dissolved solids 350Hardness, total 386

Suspended solids _____

Hardness, temporary 363

Total solids _____

Hardness, permanent 23Anions—Cations—Chloride 26Sodium 19Sulphate 15Potassium 6Nitrate <1Calcium 92

Nitrite _____

Magnesium 37

Carbonate _____

Ammoniacal nitrogen _____

Bicarbonate 442Iron 2.5Fluoride 0.4

Aluminium _____

Silica 30

Selenium _____

Boron _____

Arsenic _____

Alkalinity 363

Copper _____

Turbidity _____

Lead _____

Phosphate <1

Manganese _____

Analysed by J. LeadbeterDate 26/8/69

REMARKS: The sample as tested is chemically unsuitable for human consumption, due to excessive iron.

