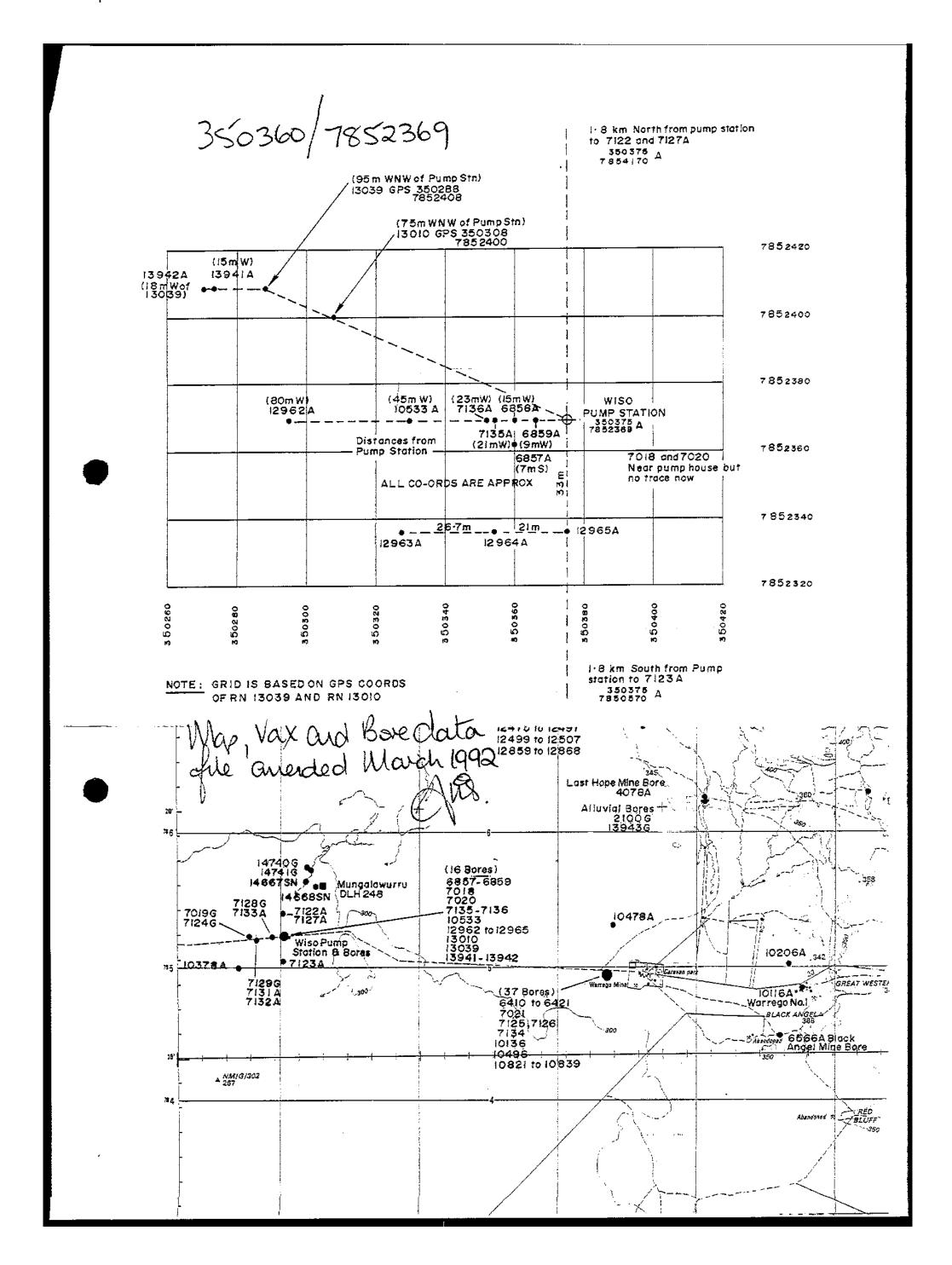
· · · · · · · · · · · · · · · · · · ·	
BORE DATA - MASTER INDEX - COMPUTER INPUT SHEET CONDITION ASD	
RN 6858 INDEX 40/284	, <u>a</u>
NAME (30) WS3 WISO NO6	
LOCATION (30) 35M NEXT OF WISO PUMPING STA	
CADASTRAL (35) PHALIPCREER PL 83/	**************************************
S (NAV GPS/TRANS EL H V CT NO TIME	÷ .
AMG ZONE 53 EASTING NORTHING	
LATITUDE 19° 53 LONGITUDE 133° 34'	
LOCATION PRECISION SMAP	
AWRC BASIN NUMBER 1208 (4)	contractions.
OLD IMP GRID <u>SES3/14 139-548. 1-250000 TENNIT CREEK.</u>	
NEW IMP GRID COMP/CONVERSION	:
DISCHARGE LPS. DEPTH SAMPLED METHOD	
SAMPLE NO TIME HRS	
TEMP PH CONDUCTIVITY OTHER	
T-DEPTH IF MEASURED METERS	79.4
SWL IF MEASURED 51-967/L METERS- TIME 1445 DATE 9-11-89	:
CASING/WELL ABOVE GROUND BY 0:43 N	
BORE EQUIPPED WITH 8"STEEL GAZ SURFACE CARING 6"10 STEEL LINER	
@ TIME OF SUL THEN 4 BONES WERE BENG PUMPED. THIS	-
BORE IS ABOUT THE CENTER OF ALL PUMPED BOKES.	
COMMENTS: NOT (MPPBY)	
	p s
TAG LOCATION: ON 6" CASING -	*
USED FOR: NIL	ے چوں اور
INSPECTING OFFICER Marks DATE 9-11-89	
The reason of the second of th	2 th 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
A CONTROL OF THE PROPERTY OF T	ayyan da



WATER	ANALYSIS	1 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	s teb	ain 7
		- A A	ADMINIST	RATION A
Origin of water WARREGO MINE VS 3	Reference S	3n 70/	329	
GOREY & COLE DRILLERS	Specimen A	dvice Note	No	1111
Date sampled 20/12/69-30/12/69	Date receiv	ed 13/	/1/70	**************************************
* Results in milligrams per litre of filtered sample.			ended Ma over pa	
	Sample	Domestic	Stock	Agriculture
HARDNESS (calculated as CaCO ₈)—				. .
" Total	446	500	-	
" Carbonate	346	*******		***************************************
" Non-Carbonate	100		-	_
ALKALINITY IN EXCESS OF TOTAL HARDNESS	NIL			
CHLORIDE		500		-
SULPHATE		250	2,000	~~
BICARBONATE		 .	<u> </u>	
		hild 20	_	
NITRATE No	${ t t}$ determined ${ t d}_{ t Ad}$	ult 120	<u> </u>	
FLUORIDE	lŧ.	1.5	5.0	
CARBONATE	NIL		· · ·	-
SODIUM	530	<u> </u>	. .	
POTASSIUM	82	22/122		
CALCIUM	61	100	<u> </u>	
MAGNESIUM	71	100	300	_
		0.000	0.000	+ 000
	2300	3,000	8,000	1,000
RESIDUE ON EVAPORATION	2300	3,000	8,000	1,000
ъ н 8.2				

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 unsuitable for human consumption due to the excess dissolved salt content of the water.

Signature Amon M Best (Chemist)

Date 2-2-70

* 14.3 milligrams per litre equals 1 grain per gallon. 437.5 grains equals 1oz.

	WATER	ÄNALYS	S - BFE	B 1070	ansi
Ovining of motor wasperson	ACTIVITY IN CO.	Reference	77. AD.	21300 m	
Origin of water_WARREGO_	_	.			
-COREY & COLE DRILL		-	Advice Note		
Date sampled 20/12/69. * Results in milligrams pe of filtered sample.		Date receiv		4/70 ended Mar over pag	rimums
		Sample	Domestic	Stock	Agriculture
HARDNESS (calculated as C	aCO ₃)—				
" Total		484	500	·	· · ·
" Carbonate	11 11 11	350	_		
" Non-Carbonate		134	- .		
ALKALINITY IN EXCESS TOTAL HARDNESS		NIL		-	<u> </u>
CHLORIDE		690	500	_	_
SULPHATE	• • • • • • • • • • • • • • • • • • • •	431	250	2,000	_
BICARBONATE		392	-		
		C	hild 20	_	_
NITRATE	Not de	etermined Ad	lult 120		-
FLUORIDE		#	1.5	5.0	·
CARBONATE	• • • • • • • • • • • • • • • • • • • •	17		 .	
SODIUM		500	to de l'acceptant de la constant de		
POTASSIUM		85	_		-
CALCIUM		69	100		
MAGNESIUM	,, ,, ,,	76	100	300	
					
TOTAL DISSOLVED SAL	rs		3,000	8,000	1,000
RESIDUE ON EVAPORATE	ION	2500	3,000	8,000	1,000
nĦ s		<u> </u>			

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 unsuitable for human consumption due to the excess of sulphate and high dissolved salt content of the water.

Signature	dusan M	Bed (bhemist)
~x5x100001 0		2 2 70

* 14.3 milligrams per litre equals 1 grain per gallon. 437.5 grains equals 1oz.

•	, WA	TER ANALYS	IS - BORE	WB 3	s design of the second of the	40,	1284	7.
	A		• · · · ·	1. 1. (1) 1. (2) (4) 1. (3) 1. (2) (4)	1/BJ30		r	
424 - 12 2 7	Sample No. :	•	•	****	17/1/00			्रकृत । प्रत्यक्षा प्रमुख्या व्यक्ति व्यक्ति । क्षेत्र ।
	Date Received in Analysed by :	•	•		S Best -	Primary	Industri	. a
	Data of Sampling				20/12/60	- 30/12/6	9 Branch	NTA
	Depth of Bore : .				255 feet			- 100 mm - 1
##	Tested Supply : .				10,000 gpl	1		
	Bore Completed:				3/12/69			The state of the s
	Circulation :				Air	•		en de la Filono de F Porto de Filono de Fi Porto de Filono de Filo
	Urilling Chemical				Adafoam -	stiff fo	am	·
	Method of Samplin				Airlift	· -· ·	e e e e e e e e e e e e e e e e e e e	न्यांसम्बद्धः काः सर्वे अर्थे
,	Pump Type :	_			1,200 cfm	120 psi	compress	so r
	Conductivity (Mic Total Dissolved S PH	olids: ry:						
	ANIONS	·			CATTOMS			
	2 At 3 V 300 10 C 3 V 300 T	<u>labu</u>	Meq			ppm	Meg	Fig. 6 A Sec. 1
	Chloride	.660.	18.62	فمع	ium	530	22.04	
T T T T T T T T T T T T T T T T T T T	Sulphate	.415	8.65		assium	82	2.10	
	Nitrate		1199934		cium	61	<u> 3.04</u> ,	· · · · · · · · · · · · · · · · · · ·
1	Carbonate	. N11.	4 9 4 * * * * *		nesium	71.	5.84	
a property of hear	Bicarbonate	. 423.	6.93	Iros		,,,,,,	-	FREE ELECTION
Andrew Andrews	Flouride		******		ganese	4		
			34.20		-		33.02	
	★ Difference Anion HO03	ns and Cat:	ions =	1.75%	o.k.	·	. .	··········· i
	CI	•	귤	0.37		-		
	S.A.R.	•	=	10.49		•		
	Residual Alkalini	ty	흑	398	<u> </u>		-	
	Richards Classific	cation	S.2.					*
energy in the control of the control	Remarks: The sample as a				** 17.	.		i En Lei
	The campte as a	nalysod :	is chemic	asliy u	insultable :	for numan	consump	・ 148 - 178 - 1782

MATEH INVESTIGATION.	- Oriller: Bruce Villimes, 3/12/68]	ist sa Log. (B. Williams - Geoporto)	10 Winds fine grained sounded exects and besen chart fragments contented by calidha.	22: As fur 0 - 10°, Caliche content lemen.	31 Calidhe and clay with minder quartz graine.	40 Furriginous fine grained very decreposes sandstone containing some dolomite cement. Some chips of calidre.	Furtiginous fine grained sandstone singhtly depositic and musicenus. Cuartz grains range from remanded to sub- enquier.	El Very Fine grained sandatone as dans and Cane grained sandy unlowite.	73 As for 30 - 60°.	SG Grey-green and Darawa (Limensetic) pages cley after stale / silt.	30 As for 70 - 30 t.	186 Sugary textured tolonatin sandstone. Gentz grains are fine to medium grained, sub-rownded and essentably clear. Dolomite forms almost all of metrix.	IIC Grey (watery coroni in part) first grates to be a calcite on fractures.	
MARHEIXI GROUNDWATEH	Ingersoll-Stend 13 Martenry Ortilling Aig -	Geologist ⁶ 9	1	1 UI			1			1 2/			Periods Charty Charty	
		Triller's Lou.							- ·					

			To again the same			(25) (24) (25) (25) (25) (25) (25) (25) (25) (25	
				• ` ;			
				tasking passifile	a serie (line gradination)		
		1" - sempile mat. 1" - sempile maist. 1" - sempile mat.	T semple met.	ranular dolomite com marts — sample wet.	onite. Qu ertz grein leer and comprise ab		
·	Cont'd.	As for 100 - 110° As for 100 - 110° As for 100 - 110°	As for 100 - 110°	Buff colourad grain brachipped fragma	White sendy dolon rounded, very cle		
	HOTE WG 3 CO	100 - 001 100 - 001	150 - 150 150 - 150	ŧ	180 - 190		
	€ استرا	H H H		بَ الْحَسَر			
					*		The state of the s

N.T.A. 181 THE NORTHERN TERRITORY OF AUSTRALIA Control of Waters Ordinance 40/6/15.0E-13.20N. Regulation 8. FINAL STATEMENT OF BORE Description of Strata Name of Bore-WS 3 Top Soil. 0 clay: - 100 Name of Property-100 - 255 WARREGO Dolomite. Description of Property-MINING. Name of Owner-PERO MINES N. L. Name of Contractor-GOREY & COLE DRILLERS Name of Driller-BRUCE VILLIERS Date of Commencement-Location of Bore (or supply sketch on back hereof)-2/12/69 30 Miles Date of Completionof (b) Bore GSW1 3 /12 /69 Total Depth-255 feet (a) Circle appropriate direction.
 (b) Use known point such as existing bore, homestead, outstation, etc. Particulars of Casing- 20 100 Jeex. Additional information of interest about the bore-Approx 20 miles west of -Warreyo Particulars of Perforations or Screens-3rd Supply 2nd Supply Water 1st Supply 125 156 164 Samples of strata and water supplies have been will be* left at the following trading place-Standing Water Level Pumping 7, ovogph -Cul Supply: *Strike out which does not apply. Duration of 2 hrs. For office use only-Pump Test Water Level During Test Quality: Good, Fair Fair

NORTHERN TERRITORY ADMINISTRATION-WATER RESOURCES BRANCH



WATER ANALYSIS

me and date of sampling	0802 hrs	***************************************	13.5.70
		elfare Bore No. 11 l	
		1060 gph 88°F	
nalysis in parts per million—	o.p.m. (unless otherwise s	tated)—	
Appearance		Taste and odour	
Conductivity (Micromhos/cm²	40 KO	рН	7.4
	600	•	374
Total dissolved solids	0,000 14 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		270
Suspended solids			
Total solids		Hardness, permanent	104
nions—		Cations—	
	184	Sodium	93
Chloride	78	•	•
Sulphate	2		57
Nitrate		Calcium	60
Nitrite)	Magnesium	
Carbonate			
Bicarbonate	329	Iron	0.1
Fluoride			
		Selenium	
Silica			
	270	Arsenic	
Alkalinity		Copper	
TurbidityPhosphate	4	Lead	
a montra a a	1		***************************************
		Analysed by	John B. Jones
		•	26.6.70

Viewed at 15:06:48 on 16/05/2025

water standards.

NORTHERN TERRITORY ADMINISTRATION—WATER RESOURCES BRANCH



WATER ANALYSIS

70/0	0617 Date received in Laboratory	26.5.70
	0759 hrs	14 5 70
ocation and details	Hooker Greek Welfare Bore No. 11	
ocation and details	1060 gph 88°F RN 6858	
nalysis in parts per million	n— p.p.m. (unless otherwise stated)—	in in Europe in the Europe
Conductivity (Micromhos	497)	7.4
		361
		262
		10 2
Total solids	Hardness, permane	
nions—	Cations—	
Chloride	180 Sodium	
Sulphate	Potassium	
Nitrate	Calcium	
Nitrite	Magnesium	· · · · · · · · · · · · · · · · · · ·
Carbonate	Ammoniacal nitrog	gen
Bicarbonate	3.20 -	
	Arsenic	
Alkalinity	. 1	
Turbidity		
	Manyanese	A.A.
		ysed by John B. Jones
	Anal	26 6 70
		Date

REMARKS:

NORTHERN TERRITORY ADMINISTRATION-WATER RESOURCES BRANCH

WATER ANALYSIS

mple No		d in Laboratory
		1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
cation and detailsW21	rego WS3 I	N 40/284 R.N.6858 Air Lift
# /	, paining has a constant of the	**************************************
		4 33 .
nalysis in parts per million— p.		
AppearanceConductivity (Micromhos/cm²)		Taste and odour
at 25°C		pH7.4
Total dissolved solids	1260	Hardness, total400
Suspended solids		
Total solids		
nions—	4.00	Cations— 270
Chloride	410	Sodium
Sulphate	182	Potassium 36
Nitrate	15	Calcium64
Nitrite	***************************************	Magnesium 58
Carbonate	() ppenda processor () () () () () () () () () (Ammoniacal nitrogen
Bicarbonate	293	Iron Not done - too muddy
Fluoride	4.0	Aluminium
Silica	25	
Boron		, ,
Alkalinity		
Turbidity Phosphat e	< 1	
Phosphare		Manganese

Analysed by John B. Jones

Date 9/3/70

REMARKS: Air Lift sample, excess fluoride, otherwise sample as tested is chemically suitable for human consumption.



NORTHERN TERRITORY ADMINISTRATION—WATER RESOURCES BRANCH

WATER ANALYSIS

Time and date of sampling Tex Location and details	mant Creek	warrego	W. S. 3	IN	40/224	284	4
LOCATION AND GOMESTING, PROPERTIES		LOER					
0000 3. III.ALEETEEREETEETEETEETEETEETEETEETEETEETEETE	上海 IN 通		**************************************		, ,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	······································
	_						
Analysis in parts per million-	o.p.m. (unless other	wise stated)—				•	
Appearance		(,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Taste and	odour.	2011412288477174-),,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	······································	,
Conductivity (Micromhos/cm ²	•	180					7.9
at 25°C		**************************************	рН		> 		410
Total dissolved solids	2*	110	Hardness,	total	I de de de la company de la co	· † 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	417
Suspended solids			Hardness.	tempo:	rary	gy y gold o ben'n this his hall stage of hermony a s tr bul	302
энаренден зония	<u>, , , , , , , , , , , , , , , , , , , </u>	·		_			108
Total solids			Hardness,	perma	nent		***************************************
Anions—		(Cations				
Anions	17	-	· .				573
Chloride	*****	<u> 20</u>	• -		,	-	
Sulphate		35	Potassium	.42216111117714***	**************************************	······································	
•		35	Calcium				
Nitrate		3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	_				<i>i</i> >
Nitrite	ad), higher (marille revery (p >> Haddepo recovery to be be a second		Magnesiun	n.,,,,,,	1 E 14 / 1 PTF/ 10 WARAN PROCESSOR	77 7	nandassessessessessessessessessessessessesse
Carbonate	Manus de company de co	4 s a s a secondo a á a constanta de	Ammonia	eal nitr	ogen	,	
Bicarbonate	3	68	Iron				4.7
Dicarbonate		* 4					
Fluoride	**************************************	**************************************	Aluminiur	n		***************************************	
Silica		O	Selenium			**************************************	
Boron		***************************************	Arsenic	,,,,,,,	**************************************	**************************************	
DUIVII		02					
Alkalinity		***************************************	Copper		1 F C F C F C F C F C F C F C F C F C F	~************************************	~
Turbidity	د د د د د د د د د د د د د د د د د د د	4	Lead		++>>==================================		
Phosphate	<u>~</u>	1	Manganes	e . 		8481 2774444144144144144	**************************************
							B. Jones
				An	alysed by	17/	3/70
						_	**************************************



NORTHERN TERRITORY ADMINISTRATION-WATER RESOURCES BRANCH

WATER ANALYSIS

Fime and data of car	enling 0930hrs	- 28/12/69
	Marsage Canala	20 miles West Warrego WS3 Suction
ocation and details		disch. 2400 gph IN 40/284 R.N. 6859
Analysis in parts per n	nillion— p.p.m. (unless otherwi	se stated)—
Appearance		Taste and odour
Conductivity (Micros	mhos/em²)	
at 25°C		pH
Total dissolved solid	s 2070	Hardness, total 480
Suspended solids	***************************************	Hardness, temporary 338
	11-7-11-11-11-11-11-11-11-11-11-11-11-11	142
Anions—		Cations—
Chloride	720	
• •		Potassium 93
Nitrate	33	
Nitrite		Magnesium 72
Carbonate	/214- 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	Ammoniacal nitrogen
Bicarbonate	412	Iron O.1
Fluoride	2, 2	Aluminium
Silica	3,2	Selenium
Boron		<u>Arsenic</u>
Alkalinity	338	Copper
Turbidity	***************************************	Lead
Phosphat e	/1	Manganese

Analysed by John B. Jones

18/3/70

Date 18/3/70

REMARKS: The sample as tested is not suitable for human consumption according to World Health Organisation drinking water standards, due to excessive dissolved solids and fluoride. Suitable for stock.

NORTHERN TERRITORY ADMINISTRATION—WATER RESOURCES BRANCH

WATER ANALYSIS

Sample No	Date recei	ved in Laboratory 13/1/70
		2/69
	Werman Mina WCO	
Location and detail	Bankaliana accessaria de de de campa de la composición de composic	44 - 2 - 44 - 45 - 45 - 45 - 45 - 45 - 4
######################################	unfiled ar	a. 3. B alie Aprins. 40/284
Analysis in nasta nav	million— an m. (unless otherwise:	etated }
<u> </u>	million— p.p.m. (unless otherwise	
Appearance Conductivity (Mic	romhos/cm²)	
	***************************************	8.4 pH
Total dissolved sol	ids	Hardness, total 484
Suspended solids	123712 227 (1] } ; ; ;) } } } ***********************	Hardness, temporary 350
Total solids		7.04
100ai sonus		
Anions-		Cations—
Chloride	690	Sodium
Sulphate	431	Potassium 85
Nitrate	Not Determined	Calcium 69
		Magnesium 76
Carbonate	17	Ammoniacal nitrogen
 	392	
	Not Determined	
Silica		
	111. [[
Alkalinity	<u>NTI</u>	Copper
Turbidity	· >200124444444444444444444444444444444444	Lead
Total Dissol	eved salts	• • • Manganese
Residue on evaporation 2500		
		Analysed by histor Best
		Analysed by Susan Best Date 2-2.70
REMARKS:		, is chemically unsuitable for human excess of sulphate and high dissolved

11

NORTHERN TERRITORY ADMINISTRATION—WATER RESOURCES BRANCH

WATER ANALYSIS

Sample No Date received in I	13/1/70
Time and date of sampling 20/12/69 - 30/12/69	
Location and details Warrego Mine WS3, Gorey &	& cde Drillers
complete at a.g. B. C	Mu Dung 40/284
Analysis in parts per million— p.p.m. (unless otherwise stated)— Appearance Conductivity (Micromhos/cm²)	Taste and odour
at 25°C	pH 8. 2
Total dissolved solids	Hardness, total 446
Suspended solids	Hardness, temporary 346
Total solids	Hardness, permanent 100
Anions—	Cations—
Chloride 660	Sodium 530
Sulphate 415	Potassium 82
Nitrate Not Determined	Calcium 61
Nitrite	Magnesium 71
Carbonate NTT.	Ammoniacal nitrogen
Bicarbonate 423	Iron
Fluoride Not Determined	Aluminium
Silica	Selenium
Boron	Arsenic
Alkalinity NIL	Copper
Turbidity	Lead
Total dissolved salts -	Manganese
Residue on evaporation 2300	<u>. </u>
	Analysed by Susan h. Best (Chamist)
	Date
REMARKS: The sample, as analysed, is che consumption due to the excess d	mically unsuitable for human issolved salt content of the water.