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FINAL REPORT ON EL 39/80  
REEKARA, KING ISLAND

compiled by  
B T Williams

**MICROFILMED**

**OPEN FILE**

SYDNEY

JULY 1985

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1. INTRODUCTION

Exploration Licence 39/80 was held by Warman Services Limited between June 1981 and June 1984 and an area of 105 sq km in north-central King Island.

It covered the old tin-tungsten mining operations in the Reekara area as well as the old Stony's Creek alluvial tin workings. Tungsten and tin were the target metals of the exploration proposed for the area. Veining at Reekara suggested the possibility of a stockwork deposit like that at Mt Carbine in northern Queensland.

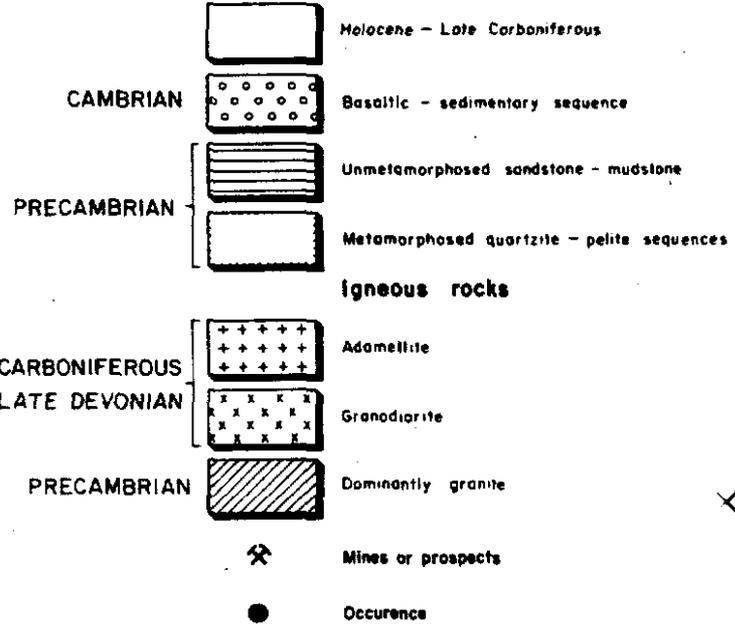
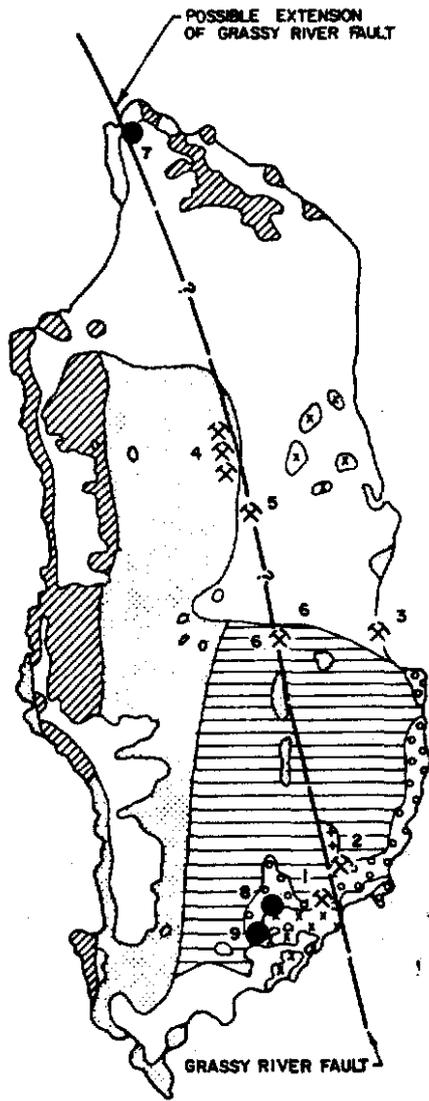
The exploration programme, however, suffered a number of severe setbacks. Falling tungsten prices led to two major reductions in the scale of mining operations at King Island Scheelite's mines and a commensurate tightening of funding for exploration. Technical data was mislaid during one of the KIS staff cutbacks and finally an Australia-wide cut-back in exploration removed all Geopeko geotechnical staff from Tasmania. In EL 39/80 insufficient work was completed to even partly test the model.

**2. TENURE HISTORY**

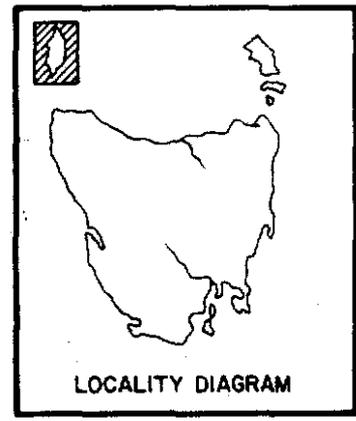
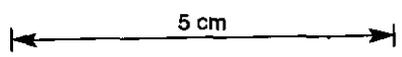
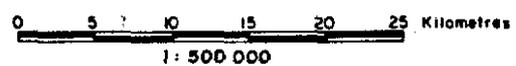
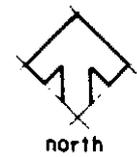
EL 39/80 (Figure 2) was marked out by Warman Services Limited on 27/8/80, an application lodged on 5/9/80 and the licence issued to 15/12/81 on 10/6/81. Subsequently renewals were requested and granted as follows:

Renewal 1	12 months to 15/12/82
Renewal 2	6 months to 15/6/83
Renewal 3	12 months to 15/6/84

In May 1984 Geopeko, on behalf of Warman Services Ltd, advised that request would not be made for further renewal beyond 15/6/84.



1. DOLPHIN / N<sup>o</sup> 1 OREBODY - W, Mo
2. BOLD HEAD - W, Mo
3. NARACOOPA - Beach Sands
4. REEKARA - W, Sn
5. HAWKES ALLUVIAL - Sn, W
6. FRASER RIVER - Au
7. VICTORIA COVE - W
8. LOOP ROAD - W, Mo
9. INVESTIGATOR 21 - W, Mo



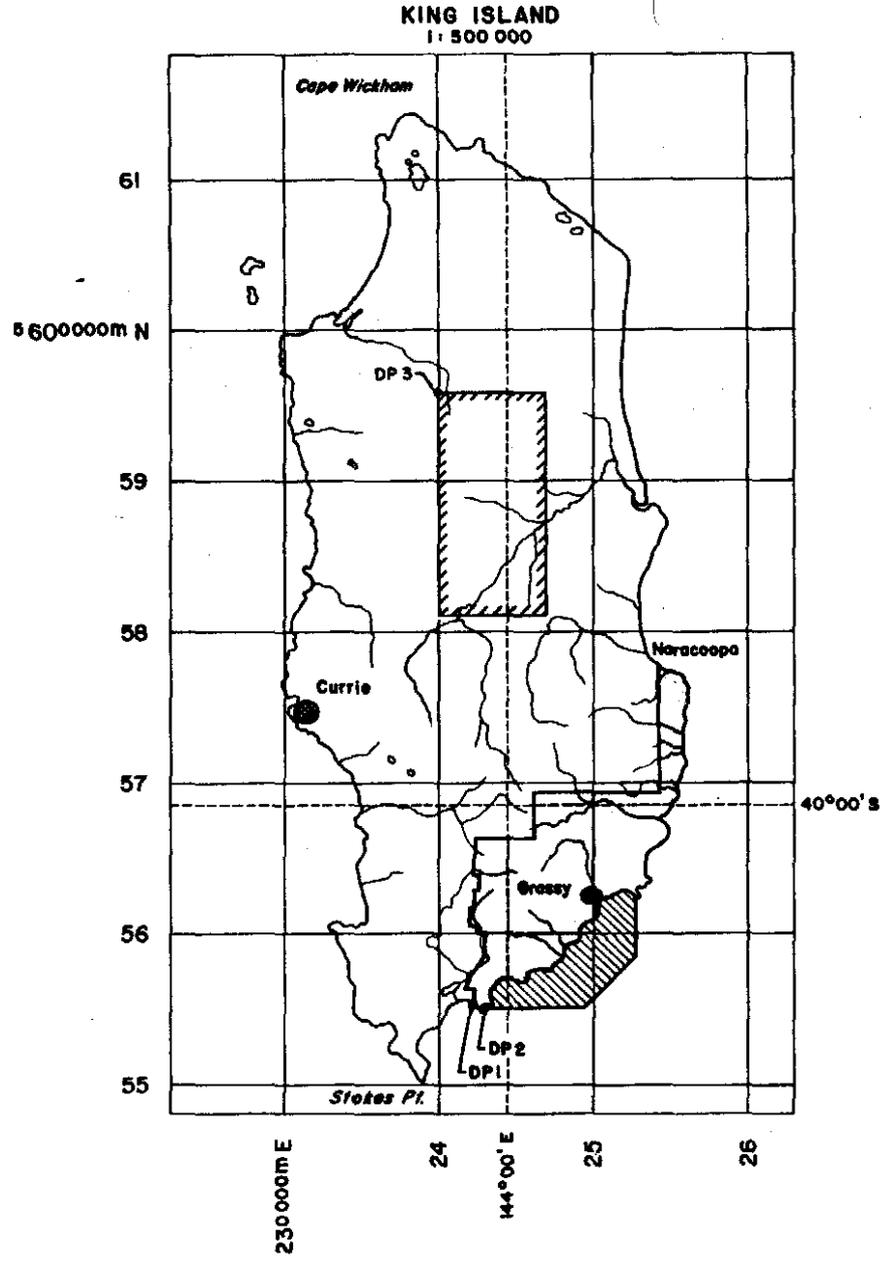
KING ISLAND GEOLOGICAL MAP  
FIGURE 1

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FIGURE 2  
COMPANY EXPLORATION LICENCES - KING ISLAND

-  E.L. 15/66
-  E.L. 21/78
-  E.L. 39/80

5 cm



DATA POINTS (DP) CO-ORDINATES

DP1 - E.L. 15/66:	5 555 260m N
	241 330m E
DP2 - E.L. 21/78:	5 555 000m N
	242 000m E
DP3 - E.L. 39/80:	5 596 000m N
	240 000m E

Australian Map Grid Zone 55 (AMG)

006

3. GEOLOGY AND MINERALIZATION MODEL

The Reekara area lies within a series of regionally metamorphosed sediments of late Precambrian age. The Devonian/Carboniferous Mt Council Granite outcrops about 5km to the east; Pre-cambrian granites occur paralleling the coastline of the island 7km to the west (see Figure 1).

Mineralization at Reekara appears confined to quartz-tourmaline veins striking 140° magnetic and dipping steeply west. The veins are exposed in a number of shallow workings but overall exposure is insufficient to allow any reasonable estimate of the number of veins present or the extent of the mineralized zone. The veins were mined sporadically over the period 1926 to 1950. Previous exploration is restricted to some diamond drilling prior to 1955 and minor mapping and soil sampling by Geopeko in the period 1969 to 1972. Mine development and exploration have been summarised in a previous report (Brown, 1981).

The presence of tin-tungsten in a set of relatively close-spaced veins, the proximity of the Mt Council Granite nearby and the possible existence of a major shear structure extending north-south through the Reekara area pointed to a similar geological environment to that at Mt Carbine in northern Queensland where wolframite is produced for the mining of a quartz stockwork zone. At Mt Carbine photometric ore-sorting techniques are used as a very successful method of upgrading feed to the mill. Brown (1981) describes the Mt Carbine deposit and the Reekara model in more detail. In the 1981 and 1982 reports he comments on the results of a photogeological and LANSAT study of King Island and notes the presence of a lineament, considered a possible extension of the Grassy River Fault, passing just east of the Reekara mineralization.

#### 4. WORK UNDERTAKEN

Initial work undertaken in the area was a re-examination of regional geological and aeromagnetic data seeking an indication of structure and of the possible presence of granite beneath the Reekara area. It was concluded that outcrop was too poor and that the aeromagnetic results gave little assistance.

A photogeological study and a Lansat study followed. The former pointed to a linear structure (Figure 1) which could represent the northern extension of the Grassy River Faucet which is closely associated with the Bold Head and Dolphin-Grassy scheelite deposits. Little could be derived from the only Lansat scene found to be clear of cloud cover.

The next phase of work was a gravity survey planned to seek evidence of granite at depth along or near the linear. Rocks immediately above the apex of such an intrusive body were considered likely to host the most intense development of stockwork veins.

Three east-west lines were surveyed in with pegs at 200m intervals. Each extended eastward from the North Road across the EL. The northern and southern lines followed main roads, the Reekara Road and Brown's Tin Mine Road respectively. The third line followed secondary roads where possible and approximately bisected the area between the other lines giving a spacing of about 5km between lines (see Fig. 3). Prior to the actual gravity survey part of this grid was destroyed by fire and had to be replaced.

Gravity readings were taken at all of the 200m spaced stations and appropriate ties made to base stations and to the gravity station at the King Island airport. (Appendix 1 lists all gravity readings and gives details of the gravity tie-in procedures).

Theodolite levelling had been undertaken on two of the lines during pegging but levels has not been related line to line or back to a local bench mark. Prior to processing of the gravity data it was decided to run a levelling survey over the lines and tie all levels to Australian Height Datum. This work was allocated to one of the KIS surveyors to provide some work for staff during one of the temporary close-downs of the mine. While we believe that the field work was done, reduced data was not supplied by the surveyor before he was retrenched. Subsequent endeavours to obtain the survey results from him were rewarded with numerous assurances that we would get them but eventually towards the end of 1984 we lost contact with the man. By this stage the pegged grid had deteriorated to a state where an attempt to re-run the levelling survey seemed not worthwhile.

Levels taken during the theodolite survey have been used to process the gravity data where applicable. Results are presented in this report.

## 5. GEOPHYSICAL RESULTS AND INTERPRETATION

Elevation and location data are available for about half of the gravity stations read. For these stations observed gravity and "relative" elevation are listed in Tables 1, 2 and 3. Table 1 lists data from Line A, the traverse along the Reekara Road, Table 2 shows data from the eastern segment of Line C, the central traverse, and Table 3 lists results from the western part of Line C. Locations of all computed stations are shown on Figure 4. The elevations are relative to three local datum points as noted at the top of each table.

For each of the three segments, a relative Bouguer gravity anomaly value has been computed and these are shown in profile form on Figure 5.

With so little data available, very little interpretation of the gravity results is possible. Positive anomalies of  $10-15 \mu\text{m}^{-2}$  (1-1.5 milligals) amplitude occur towards the western end of the lines. There is no obvious geological explanation for these features which actually lie to the west of the EL. Within the EL there is little sign of any negative anomalies which could indicate the presence of a buried granite.

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TABLE 1

GRAVITY DATA LISTING.

Gravity in  $\mu\text{ms}^{-2}$ , tied to the Australian gravity network.  
 Elevation in m, with local datum = 100.0m near station A1.  
 Locations shown in attached plan.

<u>Station.</u>	<u>Observed Gravity</u> 9801000+	<u>Relative</u> <u>Elevation.</u>
A1	831.4	97.02
A2	829.9	97.09
A3	830.2	96.74
A4	827.8	96.76
A5	822.8	100.85
A6	819.5	102.77
A7	814.1	105.53
A8	809.9	107.88
A9	816.3	104.02
A10	817.4	104.81
A11	821.3	102.92
A12	832.5	98.02
A13	830.9	99.12
A14	838.9	95.96
A15	837.9	95.87
A16	842.2	94.55
A17	841.3	96.57
A18	848.8	93.73
A19	849.1	91.81
A20	855.2	88.57
A21	853.2	89.64
A23	849.0	87.66
A25	852.8	87.13
A26	856.7	85.15
A27	863.6	81.89
A28	865.7	81.61
A29	867.1	80.80
A30	866.3	80.08
A31	869.3	76.24
A32	871.7	75.31
A33	871.6	76.35
A34	864.5	79.19
A35	860.5	80.89
A36	851.8	85.71
A37	851.3	85.86
A38	852.2	85.02
A39	857.0	82.69
A40	858.9	81.73
A41	866.8	77.85
A42	870.1	74.25
A43	872.9	73.20
A44	872.7	72.63
A45	875.3	72.78
A46	875.8	72.81
A47	871.0	74.85
A48	870.1	75.87
A49	869.4	75.68
A50	864.8	76.70
A51	864.8	77.97
A52	860.4	80.52
A53	860.7	80.04

TABLE 2

GRAVITY DATA LISTING.

Gravity in  $\mu\text{ms}^{-2}$ , tied to the Australian gravity network.  
Elevation in m, with local datum = 100.0m near station C1.  
Locations shown in attached plan.

<u>Station.</u>	<u>Observed Gravity</u> 9801000+	<u>Relative</u> <u>Elevation</u>
C1	857.0	96.66
C2	859.0	96.72
C3	856.1	95.75
C4	860.2	95.62
C5	860.1	94.70
C6	858.2	93.27
C7	859.3	91.56
C8	855.3	90.45
C9	856.5	90.32
C10	855.6	90.31
C11	855.6	89.98
C12	857.9	89.97
C13	860.7	90.49

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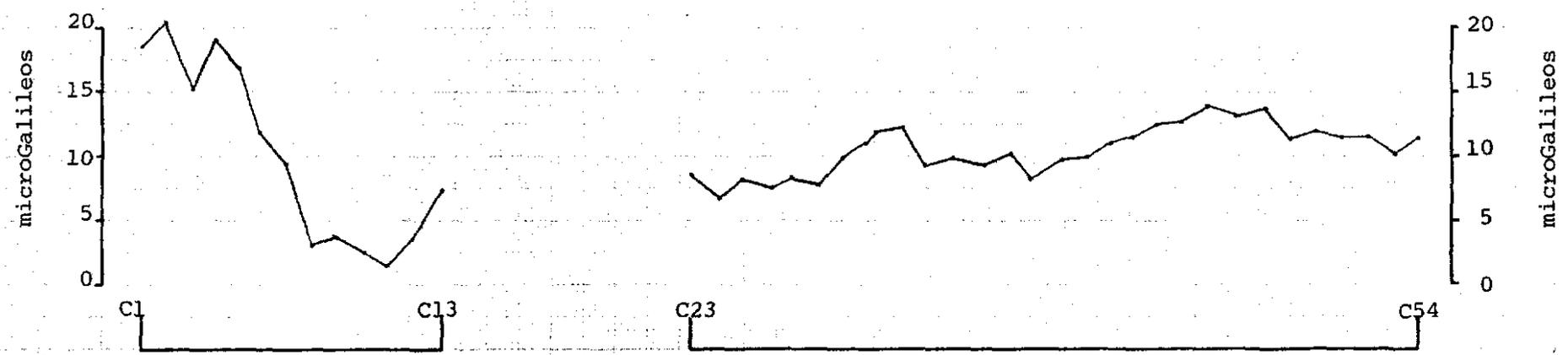
TABLE 3

GRAVITY DATA LISTING.

Gravity in  $\mu\text{ms}^{-2}$ , tied to the Australian gravity network.  
 Elevation in m, with local datum = 100.0m near station C54.  
 Locations shown in attached plan.

<u>Station.</u>	<u>Observed Gravity</u> 9801000+	<u>Relative</u> <u>Elevation.</u>
C18	871.3	96.98
C19	870.6	97.49
C20	869.4	97.44
C21	869.6	97.15
C22	868.7	97.08
C23	868.1	97.18
C24	866.4	97.30
C25	867.3	97.63
C26	861.3	100.32
C27	865.2	99.07
C28	865.9	98.62
C29	867.1	99.25
C30	865.5	100.66
C31	866.1	99.82
C32	866.5	98.72
C33	866.8	97.78
C34	864.3	99.34
C35	862.9	98.69
C36	860.7	100.27
C37	864.9	97.68
C38	869.3	96.22
C39	868.6	95.88
C40	872.2	94.94
C41	873.8	94.46
C42	866.8	98.64
C43	861.9	101.50
C44	867.9	99.01
C45	874.2	95.99
C46	869.9	98.90
C47	865.6	100.76
C48	869.6	99.09
C49	864.9	100.46
C50	869.5	98.54
C51	867.0	99.64
C52	866.3	100.18
C53	864.4	100.54
C54	863.5	101.85

**FIGURE 5**  
**REEKARA GRAVITY SURVEY**  
**PROFILES OF RELATIVE BOUGUER GRAVITY ANOMALY**



6. EXPENDITURES

Exploration expenditure for the total period of EL is as follows:

Geology	\$4,394
Surveying	\$6,585
Geophysics	\$3,522
Field Expenses	\$1,277
Administration	<u>\$3,202</u>
<b>TOTAL</b>	<b><u>\$18,980</u></b>

7. REFERENCES

BROWN, S.G. 1981 Six-Monthly Report to the Mines Department  
Warman Services Ltd report No. KI 81/5

BROWN, S.G. 1982 Progress Report EL 39/80, Twelve Months to  
15th November, 1982. Geopeko - King Island  
Report No. KI 82/4

APPENDIX 1

RAW GRAVITY DATA LISTING

The following data are listed:-

- gravity meter reading
- time of reading
- station name

The data are organized in completed 'loops', the first and last reading in each loop being at a given base station. Also listed are ties between the various base stations, and a tie to the Australian Gravity Network by readings at a gravity station at King Island Airport. The following primary data is also important:-

- (i) gravity value at the King Island Airport station

9 801 967.3  $\mu\text{ms}^{-2}$

- (ii) gravity meter constants

- (a) Worden #592 1.0206  $\mu\text{ms}^{-2}$ /meter division
- (b) Sodin #188 0.9940  $\mu\text{ms}^{-2}$ /meter division.

From the data available it is possible to calculate the 'observed gravity' at all stations. This has been done only for those stations having some elevation and location control. For these stations the elevations are listed in the column headed "ELEV.", and observed gravity at each station equals 9801000  $\mu\text{ms}^{-2}$  plus the value listed in the column headed "C. READING". These data are also listed separately in the main report.











GRAVITY SUR FIELD DATA SHEET

20

PROJECT: REEKARA

METER: WORDEN 592

OBSERVER: Rossel Goon DATE: 12-1-82

NORTH	EAST	READING	TIME	I.H.	I.H.C.	DRIFT	C. READING	ELEV.	T.C.	LAT.C.	REMARKS	RPT
		647.1	9.07				831.4	97.02			A1 BASE.	
		645.6	9.11				829.9	97.09			A2	
		645.9	9.18				830.2	96.74			A3	
		643.5	9.22				827.8	96.76			A4	
		638.5	9.26				822.8	100.85			A5	
		635.3	9.30				819.5	102.77			A6	
		629.9	9.33				814.1	105.53			A7	
		625.8	9.37				809.9	107.88			A8	
		632.0	9.41				816.3	104.02			A9	
		633.1	9.45				817.4	104.81			A10	
		636.8	9.50				821.3	102.92			A11	
		647.8	9.55				832.5	98.02			A12	
		646.2	9.59				830.9	99.12			A13	
		654.0	10.03				838.9	95.96			A14	
		653.0	10.07				837.9	95.87			A15	
		657.1	10.10				842.2	94.55			A16	
		656.2	10.15				841.3	96.57			A17	
		663.5	10.18				848.8	93.73			A18	
		663.8	10.22				849.1	91.81			A19	
		669.7	10.28				855.2	88.57			A20	
		667.7	10.32				853.2	89.64			A21	
		631.6	10.40				816.4	104.02			A9	RPT
		646.2	10.46				831.3	97.02			A1 BASE	RPT

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GRAVITY SURFACE FIELD DATA SHEET

PROJECT: REEKARA

METER: WORDEN 592

OBSERVER: RG

DATE: 13-1-82

4/023

NORTH	EAST	READING	TIME	I.H.	I.H.C.	DRIFT	C. READING	ELEV.	T.C.	LAT. C.	REMARKS	RPT
		647.8	9.18				831.4	97.02			A1 BASE	
		685.0	9.27				869.3	76.24			A31	
		687.4	9.32				871.7	75.31			A32	
		687.3	9.36				871.6	76.35			A33	
		680.3	9.41				864.5	79.19			A34	
		676.4	9.46				860.5	80.89			A35	
		667.9	9.51				851.8	85.71			A36	
		667.5	9.56				851.3	85.86			A37	
		668.4	10.02				852.2	85.02			A38	
		673.1	10.08				857.0	82.69			A39	
		675.0	10.14				858.9	81.73			A40	
		682.7	10.20				866.8	77.85			A41	
		686.0	10.25				870.1	74.25			A42	
		688.8	10.32				872.9	73.20			A43	
		688.6	10.38				872.7	72.63			A44	
		691.1	10.44				875.3	72.78			A45	
		691.7	10.50				875.8	72.81			A46	
		687.0	10.56				871.0	74.85			A47	
		667.8	11.04				851.4	85.02			A38	RPT
		648.2	11.13				831.3	97.02			A1 BASE	RPT

124024

## GRAVITY SURVEY FIELD DATA SHEET

PROJECT: KEEKARA

METER: WORDEN 592

OBSERVER: RQ

DATE: 13-1-82

NORTH	EAST	READING	TIME	I.H.	I.H.C.	DRIFT	C. READING	ELEV.	T.C.	LAT. C.	REMARKS	RPT
		682.7	13:41				866.9	?			AA SUBBASE	
		686.5	13:45				870.8	74.85			A47	RPT
		685.8	13:51				870.4	75.87			A48	
		685.0	13:55				869.4	75.68			A49	
		680.5	14:00				864.8	76.70			A50	
		680.5	14:05				864.8	77.97			A51	
		676.1	14:10				860.8	80.52			A52	
		676.4	14:15				860.7	80.04			A53	
		685.7	14:19								A54	
		689.0	14:24								A55	
		687.8	14:28								A56	
		685.8	14:33								A57	
		685.0	14:37								A58	
		683.0	14:42								A59	
		679.3	14:46								A60	
		674.1	14:51								A61	
		670.2	14:55								A62	
		664.7	15:00								A63	
		665.0	15:05								A64	
		669.2	15:11								A65	
		665.1	15:15								A66	
		682.1	15:23				866.92				AA SUBBASE	RPT

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GRAVITY SURVEY FIELD DATA SHEET

PROJECT: REEKARA

METER: WORDEN 592

OBSERVER: RG

DATE: 13-1-81

60

NORTH	EAST	READING	TIME	I.H.	I.H.C.	DRIFT	C. READING	ELEV.	T.C.	LAT. C.	REMARKS	RPT
		682.1	15.23								AA SUBBASE	
		668.0	15.33								A67	
		668.5	15.37								A68	
		665.2	15.41								A69	
		663.7	15.45								A70	
		662.0	15.49								A71	
		666.6	15.54								A72	
		669.6	15.58								A73	
		661.5	16.02								A74	
		657.9	16.06								A75	
		655.7	16.11								A76	
		658.8	16.15								A77	
		666.6	16.21								A78	
		662.5	16.26								A79	
		657.1	16.31								A80	
		643.5	16.36								A81	
		635.0	16.40								A82	
		682.4	17.01								AA SUBBASE	RPT

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GRAVITY SUR FIELD DATA SHEET

ZL

PROJECT: REEKARA

METER: SODIN # 188

OBSERVER: RG.

DATE: 23-4-82

NORTH	EAST	READING	TIME	I.H.	I.H.C.	DRIFT	C. READING	ELEV.	T.C.	LAT. C.	REMARKS	RPT
		474.1	8:34								A82 SUBMSE	
		438.6	8:39								A83	
		440.0	8:44								A84	
		427.2	8:48								A85	
		436.3	8:53								A86	
		455.7	8:58								A87	
		453.0	9:03								A88	
		455.6	9:08								A89	
		454.1	9:12								A90	
		453.5	9:17								A91	
		462.0	9:21								A92	
		473.0	9:27								A93	
		483.7	9:32								A94	
		485.4	9:36								A95	
		490.9	9:41								A96	
		499.2	9:44								A97 E.O.L.	
		475.2	10:03								<del>A98</del> A82 SUBMSE RPT	

124027

## GRAVITY SURVEY FIELD DATA SHEET

PROJECT: REEKARA Browns Rd.

METER: WORDEN 592

OBSERVER: RG

DATE: 14-1-82

80

NORTH	EAST	READING	TIME	I.H.	I.H.C.	DRIFT	C. READING	ELEV.	T.C.	LAT.C.	REMARKS	RPT
		720.2	8.48								B1 SUBBASE	
		719.1	8.53								B2	
		707.0	8.58								B3	
		709.5	9.03								B4	
		713.0	9.08								B5	
		714.0	9.13								B6	
		711.7	9.18								B7	
		713.5	9.23								B8	
		717.5	9.27								B9	
		718.5	9.32								B10	
		719.0	9.38								B11	
		714.0	9.43								B12	
		711.4	9.48								B13	
		710.4	9.53								B14	
		711.1	9.59								B15	
		716.8	10.04								B16	
		723.8	10.10								B17	
		727.6	10.15								B18	
		735.7	10.19								B19	
		744.8	10.25								B20	
		721.5	10.34								B1 SUBBASE	RPT

124028

GRAVITY SURV FIELD DATA SHEET

PROJECT: KEEKARA

Browns Rd.

METER: WORDEN 592

OBSERVER: Rlg.

DATE: 14-1-82

2

NORTH	EAST	READING	TIME	I.H.	I.H.C.	DRIFT	C. READING	ELEV.	T.C.	LAT. C.	REMARKS	RPT
		721.8	11.22								B1 SUBBASE	
		745.3	11.30								B20	RPT
		746.0	11.35								B21	
		744.2	11.40								B22	
		742.5	11.45								B23	
		741.0	11.50								B24	
		739.7	11.55								B25	
		739.3	12.00								B26	
		734.0	12.05								B27	
		729.2	12.10								B28	
		728.0	12.16								B29	
		726.9	12.21								B30	
		723.8	12.27								B31	
		721.4	12.31								B32	
		719.2	12.37								B33	
		716.2	12.42								B34	
		712.5	12.47								B35 SUBBASE	
		721.8	12.57								B1 SUBBASE	RPT

124029

PROJECT: KEEKARA

Brown's Rd.

METER: WORDEN 592

OBSERVER: RG.

DATE: 14-1-82

100%

NORTH	EAST	READING	TIME	I.H.	I.H.C.	DRIFT	C. READING	ELEV.	T.C.	LAT. C.	REMARKS	RPT
		721.8	12:57								B1 SUBBASE	
		712.4	13:06								B35 SUBBASE	RPT
		708.7	13:10								B36	
		707.3	13:15								B37	
		704.9	13:21								B38	
		705.4	13:28								B39	
		704.4	13:33								B40	
		704.6	13:38								B41	
		704.3	13:43								B42	
		707.3	13:49								B43	
		708.7	13:54								B44	
		706.7	13:59								B45	
		703.7	14:05								B46	
		706.3	14:10								B47	
		709.0	14:15								B48	
		712.6	14:25								B35 SUBBASE	RPT
		721.7	14:33								B1 SUBBASE	RPT

124030



GRAVITY SURVEY FIELD DATA SHEET

PROJECT: REBKARA *Branwsko*

METER: WORDEN 592

OBSERVER: R.G.

DATE: 15-1-82

120

NORTH	EAST	READING	TIME	I.H.	I.H.C.	DRIFT	C. READING	ELEV.	T.C.	LAT. C.	REMARKS	RPT
		714.7	11:32								B35 SUBBASE	
		744.6	11:41								B59	RPT
		747.8	11:46								B60	
		750.0	11:51								B61	
		748.9	11:56								B62	
		750.5	12:02								B63	
		743.6	12:07								B64	
		746.0	12:12								B65	
		749.6	12:19								B66	
		748.8	12:23								B67	
		755.7	12:28								B68	
		748.9	12:34								B69	
		758.5	12:39								B70	
		766.6	12:45								B71	
		715.0	12:58								B35 SUBBASE	RPT

124032





GRAVITY SURV. FIELD DATA SHEET

PROJECT: REEKARA

BROWN'S RD.

METER: SODIN #188

METER NO. 09940

OBSERVER: RG.

DATE: 23 APRIL 82

150  
0.5  
4

NORTH	EAST	READING	TIME	I.H.	I.H.C.	DRIFT	C. READING	ELEV.	T.C.	LAT. C.	REMARKS	RPT
		594.5	13:45								B84 SUBBASE	
		594.4	13:50								B85	
		605.5	13:55								B86	
		615.4	13:59								B87	
		613.1	14:04								B88	
		604.8	14:09								B89	
		590.0	14:14								B90	
		585.3	14:19								B91	
		581.1	14:24								B92	
		576.0	14:31								B93	
		580.2	14:35								B94	
		590.7	14:41								B95	
		589.9	14:49								B96	
		579.3	14:54								B97	
		580.3	14:59								B98	
		574.1	15:03								B99	
		567.7	15:08								B100	
		564.2	15:12								B101	
		588.6	15:16								B102	
		592.8	15:27								B84 SUBBASE	RPT

124035









GRAVITY SURVEY FIELD DATA SHEET

1905

PROJECT: KEEKARA Noname Rd

METER: WORDEN #592

OBSERVER: RG

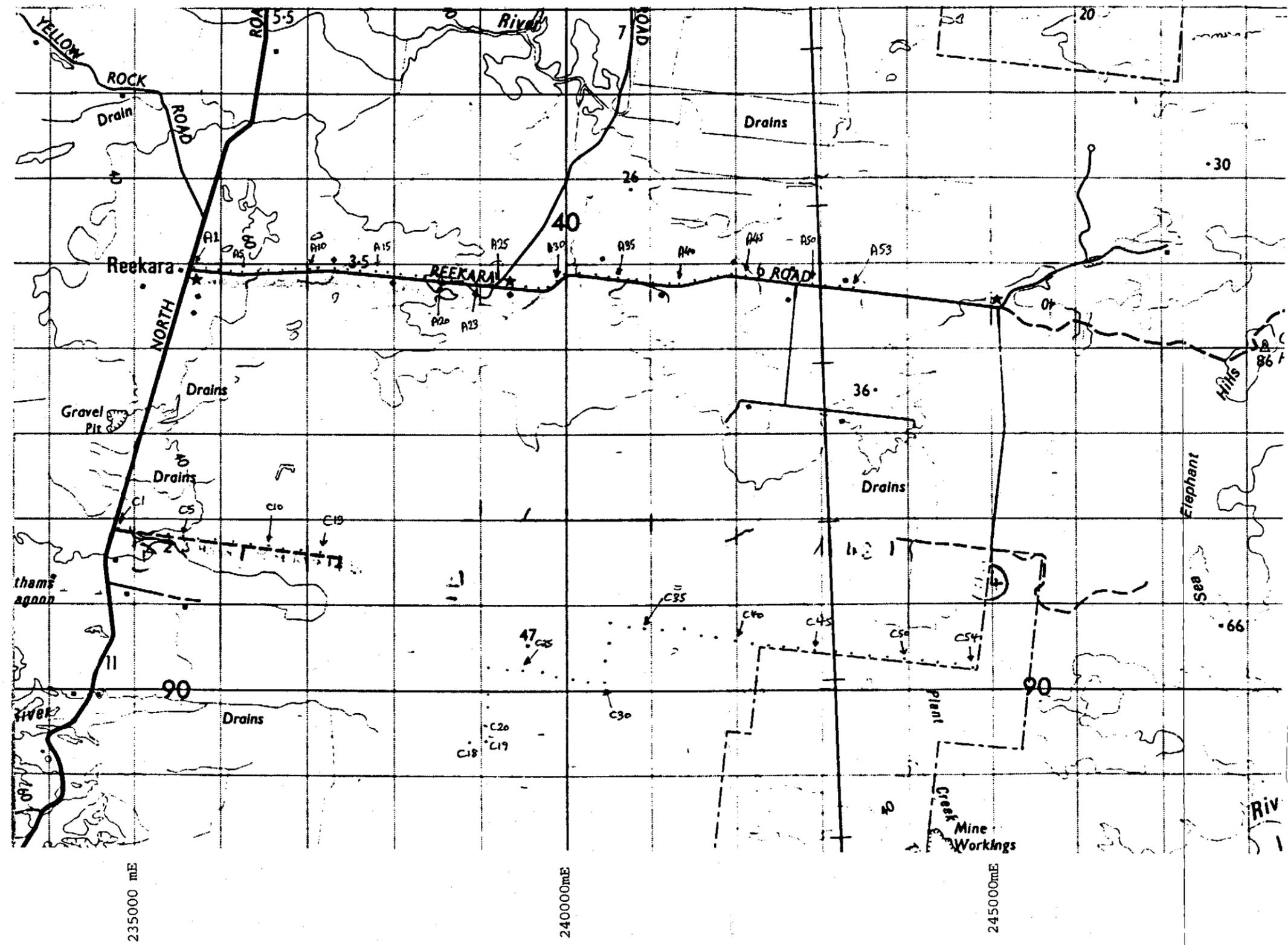
DATE: 16-1-82

NORTH	EAST	READING	TIME	I.H.	I.H.C.	DRIFT	C. READING	ELEV.	T.C.	LAT.C.	REMARKS	RPT
		687.1	13.43				866.8	97.78			CC 33	
		684.6	13.47				864.3	99.34			C34	
		683.3	13.52				862.9	98.69			C35	
		681.1	13.57				860.7	100.27			C36	
		685.2	14.02				864.9	97.68			C37	
		689.5	14.08				869.3	96.22			C38	
		688.8	14.13				868.6	95.88			C39	
		692.3	14.19				872.2	94.94			C40	
		693.8	14.23				873.8	94.46			C41	
		687.0	14.28				866.8	98.64			C42	
		682.2	14.33				861.9	101.50			C43	
		688.0	14.38				867.9	99.01			C44	
		694.2	14.43				874.2	95.99			C45	
		689.9	14.48				869.9	98.90			C46	
		685.7	14.53				865.6	100.76			C47	
		689.6	14.58				869.6	99.09			C48	
		686.8	15.13				866.8	97.78			CC 33	

124040



85-2448



5 595000mN

5 590 000mN

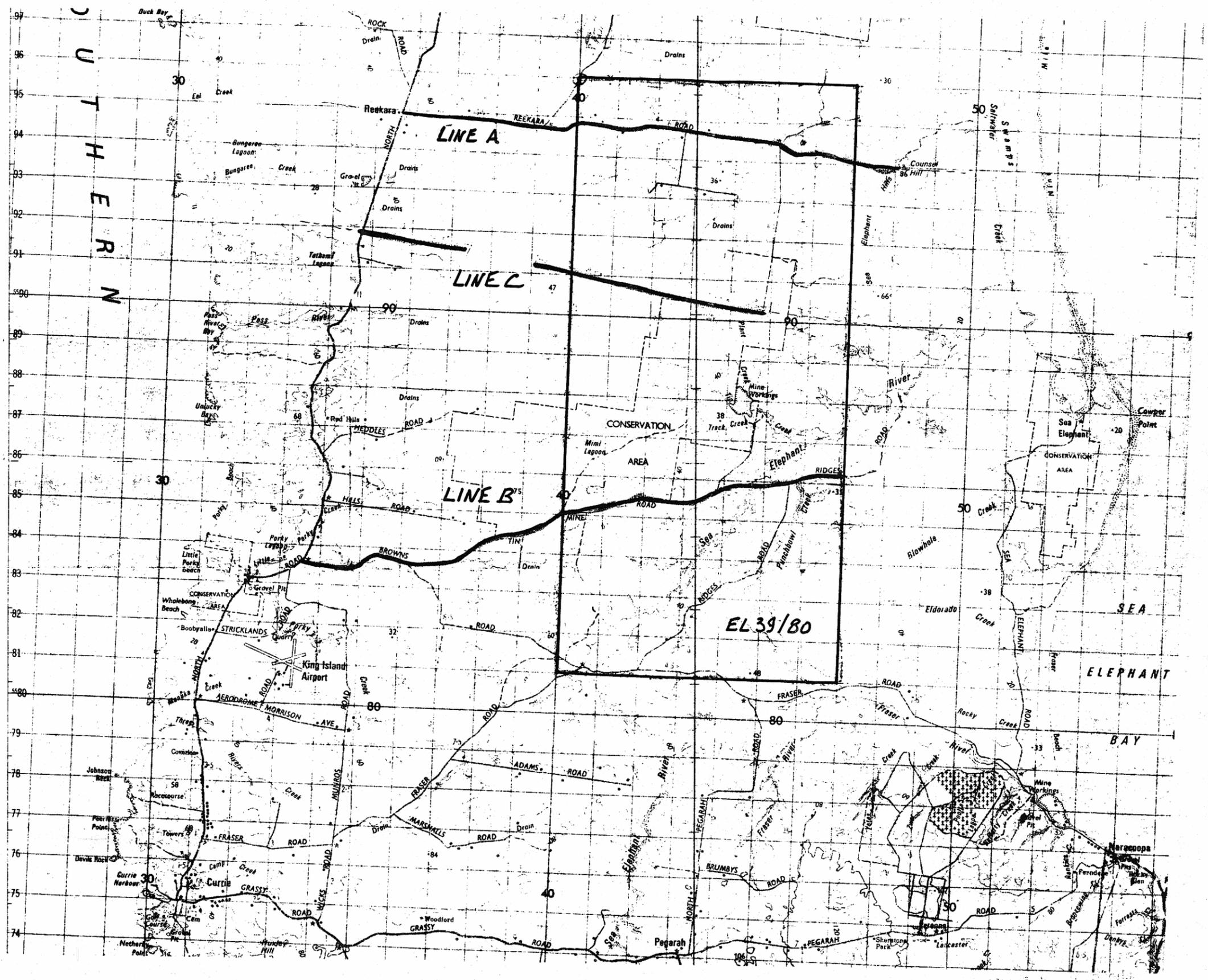
5 cm

FIGURE 4

Base map is photo-enlargement of the King Island (Special) topographic map produced by Tasmanian Lands Department.

REEKARA GRAVITY SURVEY  
GRAVITY STATION LOCATIONS  
(Scale  $\approx$  1:50 000)

85-2448



1:100 000  
 5 cm

Figure 3.  
 EL 39/80 - King Island  
 Plan showing lines pegged for  
 the gravity survey.