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				Registrar
Issued	13 MAR 1981			E & IL
Approved				
DEPT. OF MINES				
REP. No:				

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THIRD QUARTERLY REPORT  
ON  
EXPLORATION LICENCE 6/79 (CATAMARAN)  
TASMANIA  
FOR PERIOD 16.11.80 TO 15.2.81

**MICROFILMED**

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## 1.0 INTRODUCTION

Exploration Licence 6/79 (Catamaran) covers an area of 136 square kilometres in the vicinity of Recherche Bay, south-eastern Tasmania. It was granted to Marathon Petroleum Australia, Ltd. on 16th May, 1980 for a period of six (6) months and renewed on 16th November, 1980.

## 2.0 EXPLORATION

Work carried out during the quarter included :

- (a) A magnetic survey covering 47 line km with a fluxgate magnetometer
- (b) A gravity survey including 47 line km of traversing with stations at 250m intervals and 104 stations on 500m grid surveyed by helicopter.

Both the above surveys are incomplete due to access difficulties. It is planned to complete the surveys during the current period. This will be followed in late 1981 by drilling of related targets.

## 3.0 EXPENDITURE

Marathon Petroleum Australia, Ltd. have spent \$39,112.49 on exploration of this area during the quarter. A detailed Statement and Statutory Declaration are attached as Appendix I.

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APPENDIX I

Statement of Expenditure and Statutory  
Declaration

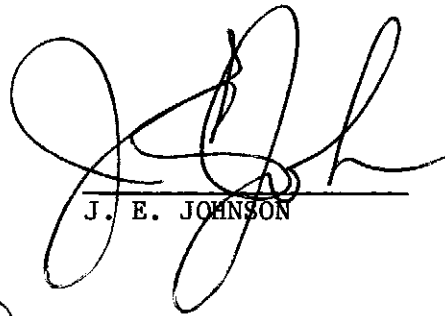
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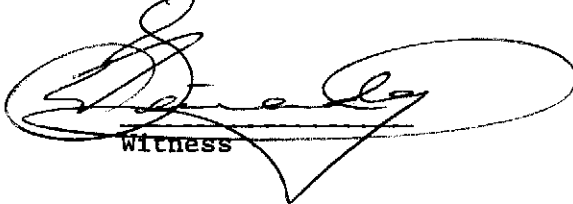
STATUTORY DECLARATION

I. JAMES E. JOHNSON, FINANCIAL CONTROLLER OF MARATHON PETROLEUM AUSTRALIA, LTD. DO SOLEMNLY AND SINCERELY DECLARE THAT THE EXPENDITURE SHOWN BELOW (AND DETAILED ON THE ATTACHED STATEMENT) WAS EXPENDED ON EXPLORATION LICENCE 6/79 FOR THE PERIOD FROM 16TH NOVEMBER, 1980 TO 15TH FEBRUARY, 1981. .

EXPENDITURE FOR PERIOD 16.11.80 TO 15.2.81 WAS \$39,112.49.

Signed at Brisbane )  
this 11 day of )  
March 1981 )

  
\_\_\_\_\_  
J. E. JOHNSON

  
\_\_\_\_\_  
Witness

APPENDIX II

Gravity Survey. Consultants Report

Report: 1:50,000 Bouguer Anomaly Map

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MARATHON PETROLEUM AUSTRALIA  
LTD.

GRAVITY SURVEY - LUNE RIVER  
DISTRICT, SOUTHERN TASMANIA  
DECEMBER 1980.

**LAYTON GEOPHYSICAL INTERNATIONAL**

P.O. Box 77  
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AUSTRALIA  
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3. RESULTS

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FIGURE 1 - BOUGUER ANOMALY CONTOUR MAP - LUNE RIVER DISTRICT -  
TASMANIA



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## 1. INTRODUCTION

Layton Geophysical International was asked by Marathon Petroleum Australia Ltd., to conduct a gravity survey in the Lune River District of S.E. Tasmania, south of Dover. The survey was designed to delineate dolerite sills with the aid of known geology and ground magnetics obtained by Marathon. Once delineated, it was hoped that gravity would prove useful in estimating the probable thickness of these sills.

The survey consisted of:

1. Tying gravity into the B.M.R. isogal station 6491.0260 at Elizabeth Street Pier, Hobart.
2. Conducting a gravity survey along roads and forest tracks in the designated area with station intervals of 250 metres. In the later stages of the survey a helicopter, supplied by Marathon, was used in terrain inaccessible to four-wheel drive vehicles, to cover the area with a 250 - 500 metre grid.
3. Optically levelling the gravity stations to determine elevations. Where terrain made optically levelling impossible, aneroid barometers were used to determine the elevations.

Gravity field work was carried out by Mr. M. Heuson and supervised by Mr. B. Simons. Computation was carried out by Mr. N. Hart in the Canberra office.

The gravity meter used was a La Coste and Romberg D series, No. D-46, which was calibrated before and after the survey over the B.M.R. calibration range in Canberra.

The levelling survey was carried out by Mr. B. McCauley of the Layton Group and Mr. B. Wilson of L.G.I.



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2. SURVEY PROCEDUREGravity

The gravity values for the survey were tied to B.M.R. gravity isogal station No. 6491.0260 situated on the Elizabeth Street Pier, Hobart. The value used for this station was 980,450.52 mgals.

Two separate loops were run from this Hobart isogal station to a temporary base station at the Dover Hotel, Dover. The Dover base station was read at the beginning and end of each day's field work, and provided a control for stations read in the field.

Stations were read every 250 metres using the following procedure:

- (i) Read the first base.
- (ii) Read all the stations from the first base to the second base.
- (iii) Read the second base.
- (iv) Read the first base.
- (v) Read the second base.
- (vi) Read all the stations from the second base to the third base.
- (vii) Read the third base.
- (viii) Read the second base.
- (ix) Read the third base,  
and so on.

No more than three hours elapsed for the closure of each loop, with most loops completed in under two hours.

The La Coste and Romberg D-46, D series gravity meter used was calibrated before and after the survey over the B.M.R. calibration range in Canberra, and was found to agree with the calibration table supplied with the meter. A value of 55.982 mgals was used for the range.



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using a least squares adjustment program. The maximum adjustment accepted was 0.2 mgals.

### Elevation

Station elevations were obtained by optically levelling where terrain permitted and by the use of barometers elsewhere. The surveying was done by Mr. B. McCauley and Mr. B. Wilson.

No elevation values were available in the area and therefore the survey was tied to Mean High Water Mark at Research Bay. This datum was also used for the roads that have been surveyed in the area by the Department of Main Roads. Should these roads be brought onto A.H.D. some time in the future, the same adjustment can be made to this survey to bring it onto A.H.D.

Optically levelled loops were closed back to the initial station or to a previously levelled station. The maximum misclosure accepted was 0.5 metres.

The barometer loops were run in the same manner, and at the same time as the gravity loops. Control was supplied by a base barometer being read at the base station at regular intervals of not more than 10 minutes.

### Positioning

Initially stations were established in the field at approx. 250 metre intervals alongside the roads in the area. Later in the survey a helicopter was used to set up stations in inaccessible areas in an attempt to set up a grid of approx. 250 metre station spacing.

Stations were marked with a dumpy peg and a number. Whilst in the field these stations were marked on air photographs and later transferred to a 1:25,000 topographic map. This map was then digitised to provide longitude and latitude values for each station. This map has also been taken as the base map for the survey.

3. RESULTS

The results have been plotted at 1:25,000 (see Figure 1) with one milligal contour interval. All stations have been numbered and also have the bouguer anomaly value for a density of 2.35 gms / cc.

It should be noted that the data has had no functional conversion undertaken on it for the effects of the topography (terrain corrections). After consulting with a number of gravity specialists in the Bureau of Mineral Resources, and with our Chief Geophysicist it is our view that the terrain effects will be most marked within a quarter kilometre radius from the station. Any terrain outside that radius will have less than 0.25 milligals effect on the data (unless it is a very sharp increase in elevation) and any anomaly present would be real however its shape and size might change slightly. There appears to be only one anomaly in this survey area that will be effected by the topography and that is the anomaly around station number 294.

It should also be noted that the density used is 2.35 gms/cc which is the density of the coal in the area. Any positive anomalies will be related to a thinning of the coal or a thickening of the dolerite and one or two of the positive anomalies could be associated with a dyke of dolerite.

The following is a run down of the individual anomalies with comments regarding each:

Anomaly at St. No. 422 Negative anomaly based on one point, appears not related to topography and is of approx 1 milligal in size.

Anomaly at St. No. 255 Positive anomaly, banana shaped, appears not to be related to topography, based on a number of stations, approx. 3 milligals in size and is possible associated with a dolerite dyke.



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Anomaly at St. No. 16 Negative anomaly, covers a generally large area, but only approx. 1 milligal in size, could have some effect from topography, pear shaped pointing north, the anomaly is based on a large number of points.

Anomaly at St. No. 294 Positive anomaly, appears to have some effect from the topography, ie the hill to the west of the anomaly (1685 feet in height). The anomaly is 3 milligals in size, pear shaped and is based on at least five points.

Anomaly at St. No. 37 Negative anomaly, based on a number of points, 2 mgals in size, possibly no closure to the south, appears to have little effect from the topography, however, station 206 might have some topographic effect.

Anomaly at St. No. 347 Negative anomaly, based on a single station, not effected by topography, could possibly need further investigation to determine size and shape, at present 1 mgal in size.

Anomaly at St. No. 335 Negative anomaly, based on a single station, not effected by topography, could possibly need further investigation to determine size and shape, at present 2 mgals in size.

Anomaly at St. No. 241 Positive anomaly, with no effect from topography, based on a large number of stations, 3 mgals in size, oval in shape with steeper gradients on the southern margin than on the northern side, warrants further investigation on the north/east and south western sides.



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CONCLUSIONS AND RECOMMENDATIONS

The gravity survey was able to delineate a number of gravity anomalies. A number of these anomalies are of interest, especially anomaly at station number 255 and at station number 241.

It is recommended therefore that some further field work be undertaken on these two anomalies to determine the exact extent and size. It is also recommended that the terrain effects be taken from the gravity values for the anomaly on station number 294 to see the extent and size of the anomaly.


It should be noted that the survey is tied to isogal datums for gravity, however for elevation, it is tied to the Mean High Water Mark at Research Bay.

The survey had a number of problems including vehicle shipment and equipment breakdown. The progress was generally slow with an average of 25 gravity stations being read per day, this figure also includes ties to the isogal station in Hobart.

It is recommended that in any further work undertaken in this area, grid lines be cut before the survey starts and therefore there would be no delay in reading gravity.

Respectfully submitted,

T.D.J. Pippett B. App. Sc., ASEG,  
Managing Geophysicist.


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 5. APPENDIX - SURVEY STATISTICS
Personnel

Managing Geophysicist	-	T.D.J. Pippett
Supervising Geophysicist	-	B. Simons
Observer	-	M. Heuson
Surveyors	-	B. McCauley
	-	B. Wilson
Computer	-	N. Hart

Daily Account of Activities

1 December	Mobilise Canberra to Dover	
	<u>Gravity</u>	<u>Surveying</u>
2 "	Loops 1 to 18	Stations 1 to 13
	" 18 to 25	
3 "	Tie to isogal network	" 14 to 24
4 "		" 25 to 47
5 "		" 48 to 92
6 "	Loops 25 to 47	" 93 to 118
7 "	" 47 to 105	" 119 to 127
	" 105 to 118	
	" 118 to 127	
	" 48 to 56	
8 "	" 48 to 92	" 128 to 162
9 "	" 66 to 75	
	" 75 to 92	" 163 to 175
10 "	" 128 to 153	" 176 to 191
	" 154 to 162	
	" 163 to 175	
11 "	" 176 to 217	" 192 to 199
12 "	" 217 to 229	" 200 to 239
	" 230 to 244	
	" 245 to 247	
13 "	" 248 to 265	" 240 to 247
	" 266 to 275	
14 "	" 276 to 289	" 290 to 300
15 "	" 290 to 300	" 267 to 275



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	<u>Gravity</u>	<u>Surveying</u>
16 December		Stations 248 to 265
17 "	Loops 301 to 308	" 301 to 308
		" 277 to 289
18 "	" 309 to 321	" 309 to 325
	" 322 to 325	
19 "	" 326 to 346	" 326 to 394
	" 347 to 361	
	" 362 to 379	
	" 380 to 394	
20 "	" 395 to 409	" 395 to 425
	" 410 to 425	

21 " Tie to isogal

22 " Demobilise Dover to Canberra.

Total number of new gravity stations surveyed - 425.

Stations from 248 to 425 were surveyed using barometers.

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8012 TASGRAV

15/01/8

1981/02/02

8012.001

15/01/8

DATUM = =DM NO

1981/02/02

STATION NUMBER.	LATITUDE SOUTH. (DEGREES)	LONGITUDE EAST. (DEGREES)	METER ELEVATION (METRES)	OBSERVED GRAVITY. (MGAL)	GROUND ELEVATION (METRES)	TERRAIN CORRECTION FOR 2.35	FREE AIR ANOMALY. (MGAL)	BOUGUER ANOMALY. FOR 2.35	INFORMAL STATION NAME, NUMBER, BENCHMARK, ETC.	* LAST DATE STATION UPDATED
6491.0260	*****	*****	*****	980450.52	*****	*****	*****	*****		1981/01/15
8012.0001	43.4478	145.9040	34.81	980489.86	34.81	*****	11.25	7.82		1981/02/02
8012.0002	43.4500	145.9042	19.69	980491.90	19.69	*****	8.42	6.49		..
8012.0003	43.4518	145.9048	21.93	980491.45	21.93	*****	8.51	6.35		..
8012.0004	43.4540	145.9045	26.89	980490.32	26.89	*****	8.71	6.07		..
8012.0005	43.4560	145.9035	32.41	980488.90	32.41	*****	8.82	5.63		..
8012.0006	43.4580	145.9023	38.68	980486.85	38.68	*****	8.52	4.71		..
8012.0007	43.4598	145.9008	45.57	980484.87	45.57	*****	8.50	4.01		..
8012.0008	43.4620	145.8993	49.65	980483.63	49.65	*****	8.32	3.43		..
8012.0009	43.4642	145.8987	48.55	980483.20	48.55	*****	7.36	2.58		..
8012.0010	43.4665	145.8987	47.36	980483.43	47.36	*****	7.01	2.35		..
8012.0011	43.4687	145.8988	52.45	980482.29	52.45	*****	7.25	2.08		..
8012.0012	43.4698	145.8973	68.56	980478.87	68.56	*****	8.70	1.95		..
8012.0013	43.4700	145.8938	82.71	980476.26	82.71	*****	10.43	2.29		..
8012.0014	43.4715	145.8918	93.84	980473.98	93.84	*****	11.46	2.22		..
8012.0015	43.4733	145.8908	101.00	980472.75	101.00	*****	12.27	2.33		..
8012.0016	43.4765	145.8907	90.01	980475.32	90.01	*****	11.16	2.30		..
8012.0017	43.4788	145.8900	85.85	980476.58	85.85	*****	10.92	2.47		..
8012.0018	43.4803	145.8892	81.42	980477.81	81.42	*****	10.66	2.64		..
8012.0019	43.4813	145.8890	75.63	980478.89	75.63	*****	9.86	2.42		..
8012.0020	43.4842	145.8902	76.26	980479.10	76.26	*****	10.01	2.50		..
8012.0021	43.4868	145.8895	80.42	980478.65	80.42	*****	10.60	2.68		..
8012.0022	43.4890	145.8893	88.61	980477.91	88.61	*****	12.20	3.47		..
8012.0023	43.4907	145.8882	94.16	980477.42	94.16	*****	13.26	3.99		..
8012.0024	43.4922	145.8867	87.48	980479.24	87.48	*****	12.89	4.27		..
8012.0025	43.4938	145.8855	79.47	980481.82	79.47	*****	12.84	5.02		..
8012.0026	43.4952	145.8840	73.86	980483.93	73.86	*****	13.10	5.83		..
8012.0027	43.4943	145.8818	68.07	980486.67	68.07	*****	14.14	7.43		..
8012.0028	43.4955	145.8802	61.93	980488.12	61.93	*****	13.59	7.49		..
8012.0029	43.4973	145.8787	54.27	980490.17	54.27	*****	13.10	7.76		..
8012.0030	43.4993	145.8783	49.06	980491.29	49.06	*****	12.43	7.60		..
8012.0031	43.5010	145.8780	46.40	980492.31	46.40	*****	12.48	7.91		..
8012.0032	43.5030	145.8763	40.80	980493.96	40.80	*****	12.22	8.21		..
8012.0033	43.5043	145.8748	32.36	980496.23	32.36	*****	11.77	8.58		..
8012.0034	43.5068	145.8745	22.93	980498.64	22.93	*****	11.05	8.79		..
8012.0035	43.5092	145.8735	19.97	980500.27	19.97	*****	11.55	9.59		..
8012.0036	43.5095	145.8757	19.15	980498.96	19.15	*****	9.96	8.07		..
8012.0037	43.5097	145.8787	19.67	980498.51	19.67	*****	9.65	7.71		..
8012.0038	43.5105	145.8817	25.05	980497.73	25.05	*****	10.46	7.99		..
8012.0039	43.5120	145.8832	27.55	980498.00	27.55	*****	11.37	8.66		..
8012.0040	43.5140	145.8833	31.42	980498.18	31.42	*****	12.56	9.46		..
8012.0041	43.5163	145.8832	35.29	980497.98	35.29	*****	13.34	9.87		..
8012.0042	43.5183	145.8823	28.85	980499.76	28.85	*****	12.95	10.11		..
8012.0043	43.5202	145.8807	28.37	980500.32	28.37	*****	13.20	10.41		..
8012.0044	43.5218	145.8790	32.09	980500.12	32.09	*****	14.00	10.84		..
8012.0045	43.5237	145.8787	36.62	980499.72	36.62	*****	14.84	11.23		..
8012.0046	43.5258	145.8798	37.79	980501.19	37.79	*****	16.47	12.75		..
8012.0047	43.5282	145.8827	51.48	980498.89	51.48	*****	18.18	13.11		..
8012.0048	43.5285	145.8792	55.63	980499.02	55.63	*****	19.57	14.09		..
8012.0049	43.5287	145.8760	66.20	980496.38	66.20	*****	20.17	13.65		..

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8012.001		15/01/8							DATUM = EDM MO		1981/02/02	
STATION NUMBER.	LATITUDE SOUTH. (DEGREES)	LONGITUDE EAST. (DEGREES)	METER ELEVATION (METRES)	OBSERVED GRAVITY. (MGAL)	GROUND ELEVATION (METRES)	TERRAIN CORRECTION FOR 2.35	FREE AIR ANOMALY. (MGAL)	BOUGUER ANOMALY. FOR 2.35	INFORMAL STATION NAME, NUMBER, BENCHMARK, ETC.	* LAST DATE STATION UPDATED		
8012.0050	43.5295	145.8737	63.87	980496.72	63.87	*****	19.72	13.43		1981/02/02		
8012.0051	43.5305	145.8715	60.65	980496.98	60.65	*****	18.89	12.92		..		
8012.0052	43.5315	145.8688	52.26	980498.19	52.26	*****	17.43	12.28		..		
8012.0053	43.5322	145.8655	51.90	980498.15	51.90	*****	17.21	12.10		..		
8012.0054	43.5327	145.8620	56.55	980496.64	56.55	*****	17.10	11.53		..		
8012.0055	43.5350	145.8625	61.47	980495.75	61.47	*****	17.51	11.45		..		
8012.0056	43.5362	145.8647	69.81	980494.77	69.81	*****	19.00	12.13		..		
8012.0057	43.5383	145.8653	59.09	980498.34	59.09	*****	19.07	13.25		..		
8012.0058	43.5392	145.8672	54.44	980500.48	54.44	*****	19.70	14.34		..		
8012.0059	43.5408	145.8677	48.36	980502.64	48.36	*****	19.83	15.07		..		
8012.0060	43.5427	145.8660	50.65	980502.25	50.65	*****	19.98	15.00		..		
8012.0061	43.5442	145.8642	43.62	980504.07	43.62	*****	19.49	15.20		..		
8012.0062	43.5460	145.8620	35.50	980506.11	35.50	*****	18.86	15.37		..		
8012.0063	43.5488	145.8600	27.28	980509.01	27.28	*****	18.97	16.29		..		
8012.0064	43.5503	145.8615	22.12	980510.55	22.12	*****	18.78	16.61		..		
8012.0065	43.5517	145.8637	20.39	980512.05	20.39	*****	19.63	17.62		..		
8012.0066	43.5527	145.8665	20.55	980513.47	20.55	*****	21.01	18.99		..		
8012.0067	43.5540	145.8685	21.31	980514.58	21.31	*****	22.24	20.14		..		
8012.0068	43.5553	145.8705	16.01	980516.16	16.01	*****	22.06	20.49		..		
8012.0069	43.5570	145.8727	8.61	980517.66	8.61	*****	21.12	20.28		..		
8012.0070	43.5590	145.8715	7.72	980518.70	7.72	*****	21.71	20.95		..		
8012.0071	43.5602	145.8700	12.08	980518.02	12.08	*****	22.27	21.08		..		
8012.0072	43.5617	145.8678	21.37	980516.56	21.37	*****	23.54	21.44		..		
8012.0073	43.5633	145.8663	21.39	980516.90	21.39	*****	23.74	21.64		..		
8012.0074	43.5650	145.8643	19.82	980517.29	19.82	*****	23.49	21.54		..		
8012.0075	43.5667	145.8622	25.04	980516.72	25.04	*****	24.39	21.92		..		
8012.0076	43.5687	145.8607	30.80	980516.04	30.80	*****	25.31	22.27		..		
8012.0077	43.5698	145.8600	36.35	980514.60	36.35	*****	25.47	21.90		..		
8012.0078	43.5713	145.8590	39.29	980514.05	39.29	*****	25.69	21.82		..		
8012.0079	43.5722	145.8568	46.43	980515.19	46.43	*****	28.96	24.39		..		
8012.0080	43.5735	145.8548	40.19	980515.03	40.19	*****	26.76	22.80		..		
8012.0081	43.5757	145.8548	32.08	980517.64	32.08	*****	26.67	23.51		..		
8012.0082	43.5780	145.8537	25.47	980519.13	25.47	*****	25.91	23.40		..		
8012.0083	43.5805	145.8523	39.37	980517.29	39.37	*****	28.13	24.26		..		
8012.0084	43.5822	145.8502	37.95	980517.33	37.95	*****	27.59	23.85		..		
8012.0085	43.5835	145.8477	40.74	980515.18	40.74	*****	26.17	22.16		..		
8012.0086	43.5832	145.8445	45.56	980514.00	45.56	*****	26.51	22.02		..		
8012.0087	43.5832	145.8415	56.92	980512.23	56.92	*****	28.24	22.64		..		
8012.0088	43.5843	145.8392	56.78	980511.83	56.78	*****	27.70	22.10		..		
8012.0089	43.5857	145.8370	56.26	980512.75	56.26	*****	28.34	22.80		..		
8012.0090	43.5852	145.8348	48.25	980514.79	48.25	*****	27.95	23.20		..		
8012.0091	43.5848	145.8330	51.49	980513.41	51.49	*****	27.60	22.53		..		
8012.0092	43.5843	145.8313	55.90	980512.34	55.90	*****	27.94	22.43		..		
8012.0093	43.5287	145.8853	34.58	980503.40	34.58	*****	17.43	14.03		..		
8012.0094	43.5292	145.8890	29.47	980505.01	29.47	*****	17.43	14.53		..		
8012.0095	43.5293	145.8920	17.73	980508.04	17.73	*****	16.81	15.06		..		
8012.0096	43.5303	145.8935	9.56	980510.37	9.56	*****	16.53	15.59		..		
8012.0098	43.5320	145.8927	2.61	980510.20	2.61	*****	14.07	13.81		..		
8012.0099	43.5342	145.8898	2.01	980510.80	2.01	*****	14.29	14.09		..		
8012.0100	43.5363	145.8878	2.03	980511.25	2.03	*****	14.55	14.35		..		

8012.001

15/01/8

DATUM = EDH MO

1981/02/02

STATION NUMBER.	LATITUDE SOUTH. (DEGREES)	LONGITUDE EAST. (DEGREES)	METER ELEVATION (METRES)	OBSERVED GRAVITY. (MGAL)	GROUND ELEVATION (METRES)	TERRAIN CORRECTION FOR 2.35	FREE AIR ANOMALY. (MGAL)	BOUGUER ANOMALY. FOR 2.35	INFORMAL STATION NAME, NUMBER, BENCHMARK, ETC.	LAST DATE STATION UPDATED
8012.0101	43.5383	145.8892	4.71	980511.04	4.71	*****	14.99	14.52		1981/02/02
8012.0102	43.5402	145.8897	6.43	980512.35	6.43	*****	16.66	16.02		..
8012.0103	43.5422	145.8902	8.12	980514.54	8.12	*****	19.19	18.39		..
8012.0104	43.5442	145.8890	2.57	980516.51	2.57	*****	19.27	19.01		..
8012.0105	43.5460	145.8875	4.20	980517.26	4.20	*****	20.35	19.94		..
8012.0106	43.5477	145.8867	3.49	980517.99	3.49	*****	20.71	20.37		..
8012.0107	43.5500	145.8853	2.86	980518.23	2.86	*****	20.56	20.28		..
8012.0108	43.5518	145.8838	11.13	980516.56	11.13	*****	21.27	20.18		..
8012.0109	43.5533	145.8828	9.14	980517.18	9.14	*****	21.14	20.24		..
8012.0110	43.5555	145.8822	8.61	980517.62	8.61	*****	21.22	20.37		..
8012.0111	43.5565	145.8842	8.19	980518.32	8.19	*****	21.70	20.90		..
8012.0112	43.5575	145.8873	12.08	980517.72	12.08	*****	22.21	21.02		..
8012.0113	43.5595	145.8885	6.38	980519.00	6.38	*****	21.56	20.93		..
8012.0114	43.5613	145.8895	8.27	980519.26	8.27	*****	22.23	21.42		..
8012.0115	43.5635	145.8895	7.46	980519.95	7.46	*****	22.47	21.74		..
8012.0116	43.5648	145.8882	5.92	980520.65	5.92	*****	22.58	22.00		..
8012.0117	43.5663	145.8868	5.49	980521.41	5.49	*****	23.08	22.54		..
8012.0118	43.5672	145.8847	4.88	980520.93	4.88	*****	22.33	21.85		..
8012.0119	43.5692	145.8858	7.56	980520.81	7.56	*****	22.86	22.11		..
8012.0120	43.5710	145.8872	9.29	980521.39	9.29	*****	23.80	22.89		..
8012.0121	43.5727	145.8888	12.16	980520.13	12.16	*****	23.28	22.09		..
8012.0122	43.5752	145.8890	12.79	980520.30	12.79	*****	23.42	22.16		..
8012.0123	43.5773	145.8878	6.26	980522.66	6.26	*****	23.56	22.95		..
8012.0124	43.5788	145.8850	.70	980523.81	.70	*****	22.87	22.80		..
8012.0125	43.5813	145.8862	1.67	980523.85	1.67	*****	22.99	22.82		..
8012.0126	43.5828	145.8885	1.04	980524.04	1.04	*****	22.84	22.74		..
8012.0127	43.5837	145.8910	2.50	980524.89	2.50	*****	24.06	23.82		..
8012.0128	43.5273	145.8940	3.40	980511.36	3.40	*****	15.89	15.56		..
8012.0129	43.5258	145.8953	3.45	980511.26	3.45	*****	15.94	15.60		..
8012.0130	43.5238	145.8960	5.85	980510.23	5.85	*****	15.83	15.26		..
8012.0131	43.5222	145.8965	3.63	980509.99	3.63	*****	15.05	14.76		..
8012.0132	43.5195	145.8973	6.44	980508.82	6.44	*****	14.99	14.36		..
8012.0133	43.5172	145.8978	8.53	980507.60	8.53	*****	14.63	13.79		..
8012.0134	43.5155	145.9005	9.10	980507.45	9.10	*****	14.81	13.91		..
8012.0135	43.5145	145.9027	5.40	980508.75	5.40	*****	15.06	14.53		..
8012.0136	43.5135	145.9048	1.80	980509.10	1.80	*****	14.39	14.21		..
8012.0137	43.5125	145.9077	.65	980508.92	.65	*****	13.94	13.88		..
8012.0138	43.5113	145.9095	3.97	980506.77	3.97	*****	12.92	12.53		..
8012.0139	43.5092	145.9108	9.11	980505.08	9.11	*****	13.01	12.12		..
8012.0140	43.5075	145.9118	19.18	980502.35	19.18	*****	13.54	11.65		..
8012.0141	43.5055	145.9123	23.79	980500.74	23.79	*****	13.53	11.19		..
8012.0142	43.5035	145.9117	28.59	980499.37	28.59	*****	13.83	11.01		..
8012.0143	43.5018	145.9095	38.96	980496.45	38.96	*****	14.25	10.42		..
8012.0144	43.5010	145.9070	51.34	980493.37	51.34	*****	15.07	10.02		..
8012.0145	43.5002	145.9037	54.04	980492.24	54.04	*****	14.85	9.52		..
8012.0146	43.4992	145.9032	50.84	980492.35	50.84	*****	14.06	9.06		..
8012.0147	43.4972	145.9022	46.37	980492.09	46.37	*****	12.61	8.04		..
8012.0148	43.4953	145.9018	37.01	980492.91	37.01	*****	10.70	7.06		..
8012.0149	43.4930	145.9005	32.04	980493.00	32.04	*****	9.47	6.31		..
8012.0150	43.4912	145.9002	38.19	980490.90	38.19	*****	9.43	5.67		..

STATION NUMBER.	LATITUDE SOUTH. (DEGREES)	LONGITUDE EAST. (DEGREES)	METER ELEVATION (METRES)	OBSERVED GRAVITY. (MGAL)	GROUND ELEVATION (METRES)	TERRAIN CORRECTION FOR 2.35	FREE AIR ANOMALY. (MGAL)	BOUGUER ANOMALY. FOR 2.35	INFORMAL STATION NAME, NUMBER, BENCHMARK, ETC.	LAST DATE STATION UPDATED
8012.001										
8012.0151	43.4887	145.9012	33.76	980491.32	33.76	*****	8.70	5.38		1981/02/02
8012.0152	43.4870	145.9033	34.94	980491.05	34.94	*****	8.95	5.51		..
8012.0153	43.4853	145.9057	30.13	980491.42	30.13	*****	7.99	5.02		..
8012.0154	43.4828	145.9058	28.91	980491.55	28.91	*****	7.97	5.12		..
8012.0155	43.4812	145.9042	31.88	980490.35	31.88	*****	7.83	4.69		..
8012.0156	43.4790	145.9037	33.77	980489.48	33.77	*****	7.74	4.41		..
8012.0157	43.4772	145.9042	36.63	980488.65	36.63	*****	7.96	4.35		..
8012.0158	43.4748	145.9038	34.30	980489.06	34.30	*****	7.86	4.49		..
8012.0159	43.4728	145.9032	33.76	980488.80	33.76	*****	7.61	4.29		..
8012.0160	43.4710	145.9020	38.47	980487.39	38.47	*****	7.82	4.03		..
8012.0161	43.4697	145.9013	42.91	980485.86	42.91	*****	7.78	3.55		..
8012.0162	43.4685	145.9002	49.08	980484.37	49.08	*****	8.30	3.47		..
8012.0163	43.4485	145.9018	44.20	980488.78	44.20	*****	13.01	8.66		..
8012.0164	43.4498	145.8995	46.51	980487.27	46.51	*****	12.10	7.52		..
8012.0165	43.4512	145.8973	52.81	980485.56	52.81	*****	12.21	7.01		..
8012.0166	43.4523	145.8945	60.26	980483.49	60.26	*****	12.33	6.40		..
8012.0167	43.4527	145.8917	61.16	980482.70	61.16	*****	11.79	5.77		..
8012.0168	43.4523	145.8883	58.57	980482.68	58.57	*****	11.00	5.23		..
8012.0169	43.4503	145.8867	60.45	980481.98	60.45	*****	11.06	5.11		..
8012.0170	43.4512	145.8842	69.81	980479.22	69.81	*****	11.11	4.23		..
8012.0171	43.4528	145.8830	71.95	980478.68	71.95	*****	11.08	3.99		..
8012.0172	43.4545	145.8815	72.48	980478.67	72.48	*****	11.08	3.95		..
8012.0173	43.4547	145.8795	71.62	980479.37	71.62	*****	11.50	4.45		..
8012.0174	43.4560	145.8772	73.58	980479.98	73.58	*****	12.60	5.36		..
8012.0175	43.4560	145.8742	69.79	980481.29	69.79	*****	12.74	5.87		..
8012.0176	43.4467	145.9067	11.69	980495.15	11.69	*****	9.51	8.36		..
8012.0177	43.4475	145.9103	4.00	980496.89	4.00	*****	8.80	8.41		..
8012.0178	43.4483	145.9132	1.14	980498.66	1.14	*****	9.62	9.50		..
8012.0179	43.4502	145.9152	.20	980498.73	.20	*****	9.23	9.21		..
8012.0180	43.4503	145.9188	9.19	980497.52	9.19	*****	10.78	9.88		..
8012.0181	43.4497	145.9213	18.70	980498.25	18.70	*****	14.50	12.66		..
8012.0182	43.4485	145.9237	13.07	*****	13.07	*****				..
8012.0183	43.4487	145.9265	13.63	980499.25	13.63	*****	14.03	12.68		..
8012.0184	43.4493	145.9288	9.04	980500.25	9.04	*****	13.55	12.66		..
8012.0185	43.4502	145.9313	8.64	980501.04	8.64	*****	14.14	13.29		..
8012.0186	43.4513	145.9355	8.67	980501.40	8.67	*****	14.41	13.55		..
8012.0187	43.4515	145.9390	5.02	980502.45	5.02	*****	14.31	13.82		..
8012.0188	43.4525	145.9418	3.94	*****	3.94	*****				..
8012.0189	43.4533	145.9450	2.07	980503.00	2.07	*****	13.79	13.58		..
8012.0190	43.4537	145.9467	1.73	980503.52	1.73	*****	14.18	14.00		..
8012.0191	43.4547	145.9478	1.00	980503.59	1.00	*****	13.93	13.83		..
8012.0192	43.4547	145.9460	30.39	980498.07	30.39	*****	17.49	14.49		..
8012.0193	43.4550	145.9440	23.14	980499.29	23.14	*****	16.43	14.15		..
8012.0194	43.4553	145.9417	24.20	980498.92	24.20	*****	16.36	13.98		..
8012.0195	43.4552	145.9392	26.42	980498.44	26.42	*****	16.58	13.98		..
8012.0196	43.4547	145.9368	19.34	980499.69	19.34	*****	15.69	13.79		..
8012.0197	43.4518	145.9322	19.23	980499.47	19.23	*****	15.69	13.79		..
8012.0198	43.4530	145.9328	14.07	980499.75	14.07	*****	14.27	12.89		1981/01/29
8012.0199	43.4518	145.9322	8.47	980501.02	8.47	*****	13.93	13.09		..
8012.0200	43.4623	145.8968	61.11	980481.65	61.11	*****	9.85	3.84		1981/02/02

8012.001

15/01/8

DATUM = EDM MD

1981/02/02

STATION NUMBER.	LATITUDE SOUTH. (DEGREES)	LONGITUDE EAST. (DEGREES)	METER ELEVATION (METRES)	OBSERVED GRAVITY. (MGAL)	GROUND ELEVATION (METRES)	TERRAIN CORRECTION FOR 2.35	FREE AIR ANOMALY. (MGAL)	BOUGUER ANOMALY. FOR 2.35	INFORMAL STATION NAME, NUMBER, BENCHMARK, ETC.	* LAST DATE STATION UPDATED
8012.0201	43.4622	145.8947	69.02	980479.62	69.02	*****	10.27	3.48		1981/02/02
8012.0202	43.4653	145.8908	125.19	980469.64	125.19	*****	17.35	5.02		..
8012.0203	43.4670	145.8905	113.67	980472.00	113.67	*****	16.00	4.81		..
8012.0204	43.4683	145.8918	98.18	980475.33	98.18	*****	14.43	4.76		..
8012.0205	43.5058	145.8788	22.10	980500.27	22.10	*****	12.51	10.33		..
8012.0206	43.5058	145.8813	20.81	980499.02	20.81	*****	10.86	8.81		..
8012.0207	43.5058	145.8835	25.61	980498.53	25.61	*****	11.85	9.33		..
8012.0208	43.5055	145.8868	25.79	980498.82	25.79	*****	12.23	9.69		..
8012.0209	43.5055	145.8893	27.87	980499.44	27.87	*****	13.49	10.75		..
8012.0210	43.5055	145.8932	33.14	980498.98	33.14	*****	14.66	11.39		..
8012.0211	43.5128	145.8853	21.06	980501.76	21.06	*****	13.05	10.98		..
8012.0212	43.5132	145.8882	12.84	980504.53	12.84	*****	13.26	11.99		..
8012.0213	43.5135	145.8912	9.95	980505.77	9.95	*****	13.57	12.59		..
8012.0214	43.5132	145.8932	12.15	980505.64	12.15	*****	14.15	12.95		..
8012.0215	43.5315	145.8633	71.65	*****	71.65	*****				..
8012.0216	43.5573	145.8680	8.58	*****	8.58	*****				..
8012.0217	43.5697	145.8582	29.73	980517.20	29.73	*****	26.04	23.11		..
8012.0218	43.5703	145.8552	29.83	980516.77	29.83	*****	25.58	22.64		..
8012.0219	43.5705	145.8522	32.32	980516.06	32.32	*****	25.62	22.44		..
8012.0220	43.5693	145.8497	29.68	980516.64	29.68	*****	25.50	22.58		..
8012.0221	43.5670	145.8482	28.92	980516.28	28.92	*****	25.12	22.27		..
8012.0222	43.5673	145.8457	38.51	980514.93	38.51	*****	26.69	22.90		..
8012.0223	43.5653	145.8458	47.68	980511.92	47.68	*****	26.69	22.00		..
8012.0224	43.5633	145.8443	43.40	980512.97	43.40	*****	26.61	22.33		..
8012.0225	43.5700	145.8478	35.96	980516.37	35.96	*****	27.11	23.57		..
8012.0226	43.5710	145.8460	37.68	980515.86	37.68	*****	27.04	23.33		..
8012.0227	43.5703	145.8623	34.12	980516.78	34.12	*****	26.92	23.56		..
8012.0228	43.5713	145.8653	33.89	980516.58	33.89	*****	26.56	23.22		..
8012.0229	43.5710	145.8690	32.50	980516.55	32.50	*****	26.13	22.93		..
8012.0230	43.5753	145.8565	38.59	980517.00	38.59	*****	28.06	24.26		..
8012.0231	43.5757	145.8590	42.42	980516.27	42.42	*****	28.49	24.31		..
8012.0232	43.5772	145.8612	41.94	980517.07	41.94	*****	29.00	24.87		..
8012.0233	43.5787	145.8655	35.39	980518.67	35.39	*****	28.45	24.96		..
8012.0234	43.5780	145.8680	44.75	980516.34	44.75	*****	29.07	24.66		..
8012.0235	43.5767	145.8703	55.89	980513.38	55.89	*****	29.66	24.16		..
8012.0236	43.5843	145.8517	42.72	980517.53	42.72	*****	29.05	24.85		..
8012.0237	43.5853	145.8538	40.27	980519.05	40.27	*****	29.73	25.77		..
8012.0238	43.5873	145.8545	19.55	980522.53	19.55	*****	26.64	24.72		..
8012.0239	43.5883	145.8572	19.90	980523.74	19.90	*****	27.86	25.90		..
8012.0240	43.5652	145.8848	8.51	980522.63	8.51	*****	25.33	24.49		..
8012.0241	43.5637	145.8825	9.51	980522.20	9.51	*****	25.34	24.41		..
8012.0242	43.5620	145.8800	11.98	980521.23	11.98	*****	25.29	24.11		..
8012.0243	43.5607	145.8778	11.65	980520.38	11.65	*****	24.45	23.31		..
8012.0244	43.5588	145.8752	8.54	980520.80	8.54	*****	24.08	23.24		..
8012.0245	43.5565	145.8805	2.78	980521.18	2.78	*****	22.89	22.62		..
8012.0246	43.5573	145.8785	1.85	980521.22	1.85	*****	22.57	22.39		..
8012.0247	43.5582	145.8763	2.21	980521.34	2.21	*****	22.73	22.51		..
8012.0248	43.4623	145.9010	43.60	980486.66	43.60	*****	9.45	5.16		..
8012.0249	43.4623	145.9040	49.30	980487.15	49.30	*****	11.70	6.85		..
8012.0250	43.4625	145.9075	92.40	980480.15	92.40	*****	17.99	8.89		..

8012.001

15/01/8

DATUM = EDM NO

1981/02/02

STATION NUMBER.	LATITUDE SOUTH. (DEGREES)	LONGITUDE EAST. (DEGREES)	METER ELEVATION (METRES)	OBSERVED GRAVITY. (MGAL)	GROUND ELEVATION (METRES)	TERRAIN CORRECTION FOR 2.35	FREE AIR ANOMALY. (MGAL)	BOUGUER ANOMALY. FOR 2.35	INFORMAL STATION NAME, NUMBER, BENCHMARK, ETC.	* LAST DATE STATION UPDATED
8012.0251	43.4625	145.9107	83.60	980483.67	83.60	*****	18.79	10.56		1981/02/02
8012.0252	43.4622	145.9135	73.00	980485.90	73.00	*****	17.78	10.59		..
8012.0253	43.4623	145.9162	74.50	*****	74.50	*****				..
8012.0254	43.4628	145.9187	64.90	980489.63	64.90	*****	18.95	12.56		..
8012.0255	43.4630	145.9217	72.70	980488.75	72.70	*****	20.47	13.31		..
8012.0256	43.4653	145.9225	54.00	980490.18	54.00	*****	15.91	10.60		..
8012.0257	43.4653	145.9202	74.40	980484.95	74.40	*****	16.99	9.66		..
8012.0258	43.4655	145.9170	55.10	980488.27	55.10	*****	14.33	8.90		..
8012.0259	43.4655	145.9143	32.80	980490.78	32.80	*****	9.96	6.73		..
8012.0260	43.4655	145.9115	49.50	980486.99	49.50	*****	11.33	6.45		..
8012.0261	43.4655	145.9085	36.30	980488.16	36.30	*****	8.42	4.84		..
8012.0262	43.4655	145.9057	32.90	980487.88	32.90	*****	7.09	3.85		..
8012.0263	43.4652	145.9030	40.20	*****	40.20	*****				..
8012.0265	43.4647	145.9000	46.30	980486.60	46.30	*****	10.02	5.46		..
8012.0266	43.4620	145.8947	69.02	980479.97	*****	*****	10.64			..
8012.0267	43.4625	145.8910	95.20	980474.29	95.20	*****	12.99	3.62		..
8012.0268	43.4620	145.8883	130.00	980467.67	130.00	*****	17.16	4.36		..
8012.0269	43.4615	145.8850	150.10	980463.33	150.10	*****	19.06	4.28		..
8012.0270	43.4615	145.8818	145.20	980464.49	145.20	*****	18.72	4.42		..
8012.0271	43.4638	145.8822	187.90	980457.60	187.90	*****	24.79	6.29		..
8012.0272	43.4645	145.8857	154.40	980463.09	154.40	*****	19.89	4.68		..
8012.0273	43.4645	145.8885	116.00	980471.61	116.00	*****	16.55	5.13		..
8012.0274	43.4645	145.8908	98.30	980475.60	98.30	*****	15.08	5.40		..
8012.0275	43.4640	145.8927	93.40	980476.68	93.40	*****	14.69	5.49		..
8012.0277	43.4678	145.9043	39.20	980487.47	39.20	*****	8.41	4.55		..
8012.0278	43.4678	145.9075	34.40	980488.85	34.40	*****	8.31	4.92		..
8012.0279	43.4682	145.9110	37.50	980489.93	37.50	*****	10.31	6.62		..
8012.0280	43.4680	145.9142	38.70	980490.95	38.70	*****	11.72	7.91		..
8012.0281	43.4682	145.9163	53.40	980488.98	53.40	*****	14.27	9.01		..
8012.0282	43.4680	145.9180	41.70	980491.63	41.70	*****	13.33	9.23		..
8012.0283	43.4683	145.9207	77.60	980485.39	77.60	*****	18.14	10.49		..
8012.0284	43.4703	145.9200	83.70	980483.70	83.70	*****	18.15	9.91		..
8012.0285	43.4708	145.9170	41.60	980492.06	41.60	*****	13.47	9.37		..
8012.0286	43.4715	145.9140	37.20	980491.82	37.20	*****	11.82	8.15		..
8012.0287	43.4717	145.9112	37.70	980490.67	37.70	*****	10.80	7.09		..
8012.0288	43.4710	145.9083	34.10	980489.86	34.10	*****	8.94	5.59		..
8012.0289	43.4710	145.9052	32.80	980489.31	32.80	*****	7.99	4.76		..
8012.0290	43.4733	145.8887	141.90	980465.55	141.90	*****	17.69	3.72		..
8012.0291	43.4745	145.8853	171.20	980460.85	*****	*****	21.93			..
8012.0292	43.4745	145.8827	222.70	980451.88	222.70	*****	28.85	6.93		..
8012.0293	43.4727	145.8828	218.10	980454.54	218.10	*****	30.26	8.78		..
8012.0294	43.4703	145.8829	213.80	980454.84	213.80	*****	29.44	8.39		..
8012.0295	43.4687	145.8825	198.40	980458.74	198.40	*****	28.74	9.21		..
8012.0296	43.4668	145.8828	182.90	980461.01	182.90	*****	26.39	8.38		..
8012.0297	43.4672	145.8858	165.30	980463.58	165.30	*****	23.50	7.22		..
8012.0298	43.4688	145.8857	161.80	980465.04	161.80	*****	23.73	7.80		..
8012.0299	43.4707	145.8865	157.70	980466.51	157.70	*****	23.77	8.24		..
8012.0300	43.4712	145.8893	126.40	980471.64	126.40	*****	19.20	6.75		..
8012.0301	43.4913	145.8912	90.40	980478.78	90.40	*****	13.40	4.50		..
8012.0302	43.4922	145.8933	83.10	980480.92	83.10	*****	13.21	5.03		..

8012.001

15/01/78

DATUM = EDN MO

1981/02/02

STATION NUMBER.	LATITUDE SOUTH. (DEGREES)	LONGITUDE EAST. (DEGREES)	METER ELEVATION (METRES)	OBSERVED GRAVITY. (MGAL)	GROUND ELEVATION (METRES)	TERRAIN CORRECTION FOR 2.35	FREE AIR ANOMALY. (MGAL)	BOUGUER ANOMALY. FOR 2.35	INFORMAL STATION NAME, NUMBER, BENCHMARK, ETC.	LAST DATE STATION UPDATED
8012.0303	43.4925	145.8958	70.20	980485.34	70.20	*****	13.62	6.71		1981/02/02
8012.0304	43.4927	145.8983	58.40	980487.06	58.40	*****	11.69	5.94		..
8012.0305	43.4807	145.9010	37.10	980487.21	37.10	*****	6.35	2.69		..
8012.0306	43.4808	145.8975	61.20	980482.25	61.20	*****	8.81	2.78		..
8012.0307	43.4810	145.8952	54.80	980484.36	54.80	*****	8.93	3.53		..
8012.0308	43.4805	145.8922	64.30	980481.58	64.30	*****	9.13	2.80		..
8012.0309	43.5132	145.9112	5.10	980507.59	5.10	*****	13.92	13.42		..
8012.0310	43.5143	145.9138	14.80	980506.74	14.80	*****	15.97	14.51		..
8012.0311	43.5142	145.9167	17.00	980505.99	17.00	*****	15.91	14.23		..
8012.0312	43.5133	145.9208	22.60	980505.14	22.60	*****	16.86	14.64		..
8012.0313	43.5128	145.9238	28.70	980504.92	28.70	*****	18.57	15.74		..
8012.0314	43.5122	145.9262	27.50	980504.91	27.50	*****	18.25	15.54		..
8012.0315	43.5113	145.9293	29.70	980504.22	29.70	*****	18.31	15.39		..
8012.0316	43.5108	145.9323	13.90	980506.17	13.90	*****	15.43	14.06		..
8012.0317	43.5112	145.9347	6.40	980507.52	6.40	*****	14.44	13.81		..
8012.0318	43.5117	145.9373	6.10	980508.97	6.10	*****	15.74	15.14		..
8012.0319	43.5130	145.9395	1.20	980510.90	1.20	*****	16.04	15.92		..
8012.0320	43.5133	145.9420	2.10	980511.62	2.10	*****	17.01	16.81		..
8012.0321	43.5130	145.9458	0.00	980512.93	0.00	*****	17.71	17.71		..
8012.0322	*****	*****	26.40	980512.49	26.40	*****				1981/01/15
8012.0323	*****	*****	29.20	980511.93	29.20	*****				..
8012.0324	*****	*****	36.60	980510.41	36.60	*****				..
8012.0325	*****	*****	37.80	980509.97	37.80	*****				..
8012.0326	43.5297	145.9538	7.20	980516.18	2.20	*****	20.14	19.92		1981/02/02
8012.0327	43.5252	145.9483	11.60	980511.14	11.60	*****	18.40	17.25		..
8012.0328	43.5257	145.9420	24.90	980509.99	24.90	*****	21.31	18.85		..
8012.0329	43.5258	145.9343	9.60	980511.19	9.60	*****	17.77	16.82		..
8012.0330	43.5263	145.9283	30.70	980505.85	30.70	*****	18.90	15.88		..
8012.0331	43.5258	145.9225	28.00	980506.25	28.00	*****	18.51	15.75		..
8012.0332	43.5248	145.9182	29.70	980506.41	29.70	*****	19.28	16.35		..
8012.0333	43.5237	145.9095	19.60	980508.22	19.60	*****	18.09	16.16		..
8012.0334	43.5227	145.9065	.10	980512.62	.10	*****	16.56	16.55		..
8012.0335	43.5212	145.9143	19.20	980506.81	19.20	*****	16.78	14.89		..
8012.0336	43.5225	145.9243	23.00	980506.69	23.00	*****	17.71	15.44		..
8012.0337	43.5225	145.9298	1.10	980510.92	1.10	*****	15.18	15.07		..
8012.0338	43.5225	145.9353	16.40	980510.26	16.40	*****	19.24	17.63		..
8012.0339	43.5223	145.9400	11.60	980511.21	11.60	*****	18.72	17.58		..
8012.0340	43.5223	145.9460	11.20	980512.29	11.20	*****	19.68	18.58		..
8012.0341	43.5223	145.9522	2.60	980515.67	2.60	*****	20.40	20.15		..
8012.0342	43.5275	145.9542	.80	980516.97	.80	*****	20.69	20.61		..
8012.0343	43.5175	145.9510	0.00	980514.89	0.00	*****	19.26	19.26		..
8012.0344	43.5175	145.9478	5.90	980512.31	5.90	*****	18.50	17.92		..
8012.0345	43.5180	145.9428	7.00	980511.44	7.00	*****	17.93	17.24		..
8012.0346	43.5182	145.9375	1.40	980510.63	1.40	*****	15.37	15.23		..
8012.0347	43.5190	145.9312	1.50	980509.45	1.50	*****	14.14	14.00		..
8012.0348	43.5190	145.9237	25.00	980505.98	25.00	*****	17.93	15.46		..
8012.0349	43.5187	145.9168	48.90	980501.87	48.90	*****	21.22	16.41		..
8012.0350	43.5187	145.9113	24.10	980507.05	24.10	*****	18.75	16.37		..
8012.0351	43.5193	145.9057	13.70	980509.82	13.70	*****	18.25	16.90		..
8012.0352	43.5203	145.9020	3.10	980513.49	3.10	*****	18.56	18.25		..

2.00

15/01/8

DATUM = EDM NO

1981/02/02

023

STATION NUMBER.	LATITUDE SOUTH. (DEGREES)	LONGITUDE EAST. (DEGREES)	METER ELEVATION (METRES)	OBSERVED GRAVITY. (MGAL)	GROUND ELEVATION (METRES)	TERRAIN CORRECTION FOR 2.35	FREE AIR ANOMALY. (MGAL)	BOUGUER ANOMALY. FOR 2.35	INFORMAL STATION NAME, NUMBER, BENCHMARK, ETC.	* LAST DATE STATION UPDATED
8012.0353	43.5147	145.9082	2.70	980510.82	2.70	*****	16.28	16.01		1981/02/02
8012.0354	43.5140	145.9280	16.70	980507.74	16.70	*****	17.57	15.93		..
8012.0355	43.5137	145.9352	4.90	980510.82	4.90	*****	17.04	16.56		..
8012.0356	43.5143	145.9445	.20	980513.44	.20	*****	18.16	18.14		..
8012.0357	43.5142	145.9523	.30	980512.60	.30	*****	17.36	17.33		..
8012.0358	43.5070	145.9392	.40	980510.77	.40	*****	16.21	16.17		..
8012.0359	43.5077	145.9332	8.00	980507.20	8.00	*****	14.92	14.13		..
8012.0360	43.5080	145.9277	30.80	980502.83	30.80	*****	17.56	14.53		..
8012.0361	43.5077	145.9220	14.20	980505.04	14.20	*****	14.67	13.28		..
8012.0362	43.5078	145.9153	18.90	980503.31	18.90	*****	14.39	12.53		..
8012.0363	43.5113	145.9145	13.40	980506.06	13.40	*****	15.12	13.80		..
8012.0364	43.5112	145.9208	16.10	980505.43	16.10	*****	15.34	13.76		..
8012.0365	43.5025	145.9172	20.30	980501.71	20.30	*****	13.70	11.70		..
8012.0366	43.5020	145.9237	12.20	980504.26	12.20	*****	13.79	12.59		..
8012.0367	43.5020	145.9290	19.90	980504.07	19.90	*****	15.98	14.02		..
8012.0368	43.5020	145.9337	0.00	980509.17	0.00	*****	14.93	14.93		..
8012.0369	43.5018	145.9413	.20	980510.70	.20	*****	16.54	16.52		..
8012.0370	43.4983	145.9250	22.00	980500.85	22.00	*****	13.74	11.57		..
8012.0371	43.4975	145.9190	34.40	980497.53	34.40	*****	14.32	10.93		..
8012.0372	43.4973	145.9135	38.50	980495.09	38.50	*****	13.16	9.37		..
8012.0373	43.4977	145.9053	44.00	980493.77	44.00	*****	13.50	9.17		..
8012.0374	43.4930	145.9032	32.20	980494.33	*****	*****	10.85			..
8012.0375	43.4927	145.9115	29.80	980495.13	29.80	*****	10.93	7.99		..
8012.0376	43.4933	145.9200	22.30	980496.30	22.30	*****	9.73	7.53		..
8012.0377	43.4933	145.9235	22.30	980498.82	22.30	*****	12.24	10.05		..
8012.0378	43.4930	145.9273	1.10	980503.35	1.10	*****	10.26	10.15		..
8012.0379	43.4930	145.9318	0.00	980507.10	0.00	*****	13.68	13.68		..
8012.0380	43.4877	145.9348	13.80	980500.20	13.80	*****	11.52	10.16		..
8012.0381	43.4870	145.9260	16.50	980498.58	16.50	*****	10.79	9.16		..
8012.0382	43.4885	145.9208	16.20	980497.93	16.20	*****	9.92	8.32		..
8012.0383	43.4887	145.9157	17.70	980496.84	17.70	*****	9.27	7.53		..
8012.0384	43.4878	145.9077	18.20	980495.23	18.20	*****	7.89	6.09		..
8012.0385	43.4835	145.9087	18.50	980494.15	18.50	*****	7.29	5.47		..
8012.0386	43.4828	145.9143	15.20	980496.29	15.20	*****	8.47	6.97		..
8012.0387	43.4830	145.9200	22.20	980496.92	22.20	*****	11.25	9.07		..
8012.0388	43.4832	145.9262	21.50	980498.17	21.50	*****	12.27	10.15		..
8012.0389	43.4840	145.9322	24.90	980499.60	24.90	*****	14.67	12.22		..
8012.0390	43.4838	145.9383	0.00	980506.64	0.00	*****	14.04	14.04		..
8012.0391	43.4792	145.9540	0.00	980507.33	0.00	*****	15.15	15.15		..
8012.0392	43.4798	145.9468	0.00	980507.12	0.00	*****	14.89	14.89		..
8012.0393	43.4802	145.9410	0.00	980506.84	0.00	*****	14.57	14.57		..
8012.0394	43.4797	145.9357	21.70	980499.13	21.70	*****	13.61	11.47		..
8012.0395	43.4797	145.9305	15.20	980499.67	15.20	*****	12.14	10.65		..
8012.0396	43.4802	145.9242	30.10	980496.28	30.10	*****	13.30	10.34		..
8012.0397	43.4807	145.9183	22.00	980496.36	22.00	*****	10.84	8.67		..
8012.0398	43.4798	145.9125	18.20	980494.55	18.20	*****	7.93	6.14		..
8012.0399	43.4748	145.9073	19.60	980492.22	19.60	*****	6.48	4.55		..
8012.0400	43.4745	145.9158	24.30	980493.40	24.30	*****	9.14	6.75		..
8012.0401	43.4748	145.9213	38.70	980491.59	38.70	*****	11.75	7.94		..
8012.0402	43.4752	145.9262	30.90	980494.53	30.90	*****	12.25	9.21		..

008024

8012.001

15/01/8

DATUM = DM MO

1981/02/02

STATION NUMBER.	LATITUDE SOUTH. (DEGREES)	LONGITUDE EAST. (DEGREES)	METER ELEVATION (METRES)	OBSERVED GRAVITY. (MGAL)	GROUND ELEVATION (METRES)	TERRAIN CORRECTION FOR 2.35	FREE AIR ANOMALY. (MGAL)	BOUGUER ANOMALY. FOR 2.35	INFORMAL STATION NAME, NUMBER, BENCHMARK, ETC.	* LAST DATE STATION UPDATED
8012.0403	43.4730	145.9342	31.60	980495.11	31.60	*****	13.24	10.13		1981/02/02
8012.0404	43.4752	145.9412	19.60	980501.06	19.60	*****	15.29	13.36		..
8012.0405	43.4750	145.9487	12.90	980502.74	12.90	*****	14.92	13.65		..
8012.0406	43.4697	145.9468	20.90	980501.06	20.90	*****	16.19	14.13		..
8012.0407	43.4692	145.9395	19.50	980500.35	19.50	*****	15.09	13.17		..
8012.0408	43.4693	145.9327	33.10	980494.30	33.10	*****	13.22	9.96		..
8012.0409	43.4693	145.9248	*****	*****	*****	*****	*****	*****		..
8012.0410	43.4642	145.9313	32.20	980493.15	32.20	*****	12.27	9.09		..
8012.0411	43.4642	145.9373	13.90	980498.44	13.90	*****	11.90	10.53		..
8012.0412	43.4650	145.9438	19.40	980500.21	19.40	*****	15.30	13.39		..
8012.0413	43.4652	145.9487	13.10	980502.47	13.10	*****	15.60	14.31		..
8012.0414	43.4612	145.9438	48.20	980495.30	48.20	*****	19.62	14.87		..
8012.0415	43.4607	145.9400	29.30	980498.21	29.30	*****	16.74	13.86		..
8012.0416	43.4590	145.9340	44.30	980494.05	44.30	*****	17.36	13.00		..
8012.0417	43.4617	145.9238	23.00	980495.93	23.00	*****	12.43	10.16		..
8012.0418	43.4590	145.9145	57.50	*****	57.50	*****	*****	*****		..
8012.0419	43.4585	145.9228	53.00	980489.54	53.00	*****	15.58	10.36		..
8012.0420	43.4563	145.9290	11.60	980499.35	11.60	*****	12.82	11.67		..
8012.0421	43.4563	145.9333	16.40	980498.71	16.40	*****	13.66	12.04		..
8012.0422	43.4590	145.9423	19.50	980498.95	19.50	*****	14.61	12.69		..
8012.0423	43.4530	145.9297	5.90	980500.63	5.90	*****	12.63	12.05		..
8012.0424	43.4533	145.9177	5.90	980496.79	5.90	*****	8.76	8.18		..
8012.0425	43.4527	145.9115	14.80	980494.76	14.80	*****	9.54	8.08		..

024

\*\*\*\*\* END-FILE \*\*\*\*\*

\*\*\*\*\* END-FILE \*\*\*\*\*



025

008026

Gravity Survey - Lune River Tasmania

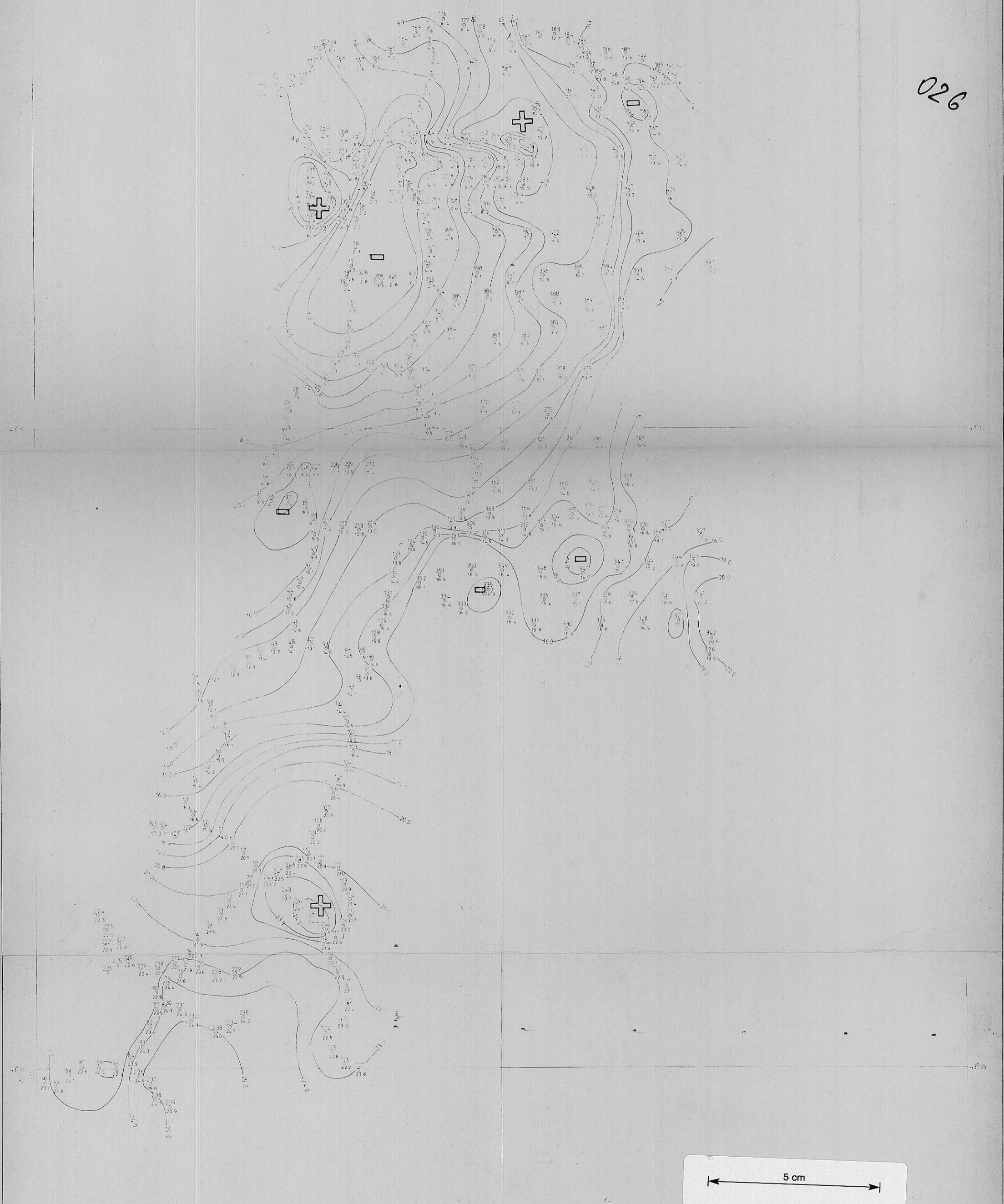
The following are the missing gravity stations left off the printout and map.

St. No.	Latitude and Longitude	Gravity	B/A
0181		980495.87	10.28
0182		980498.25	11.58
0188	Not Found		
0215	Not Read		
0216	Not Read		
0263	Not Read		
0266			3.84
0291			5.07
0322	43.5525 <sup>o</sup> 145.8603 <sup>o</sup>		19.25
0323	43.5532 <sup>o</sup> 145.8581 <sup>o</sup>		19.22
0324	43.5520 <sup>o</sup> 145.8559 <sup>o</sup>		19.36
0325	43.5518 <sup>o</sup> 145.8547 <sup>o</sup>		19.19
0374			7.67
0409	Not Read - Swamps		
0418	Not Read		

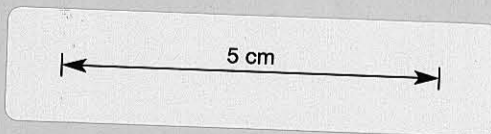
Gravity Station at Dover Hotel 980,489.20 mgals  
no latitude, longitude, elevation and B/A.

026

026



LEGEND  
 123 - STATION NUMBER  
 23.0 - BOUGUER ANOMALY



MARATHON PETROLEUM PTY LTD.  
 GRAVITY SURVEY LUNE RIVER DISTRICT - TASMANIA  
 BOUGUER ANOMALY CONTOUR MAP  
 0.5 mgal CONTOUR INTERVAL  
 SCALE 1:50 000  
 LAYTON GEOPHYSICAL INTERNATIONAL  
 DECEMBER 1980  
 FIGURE 1

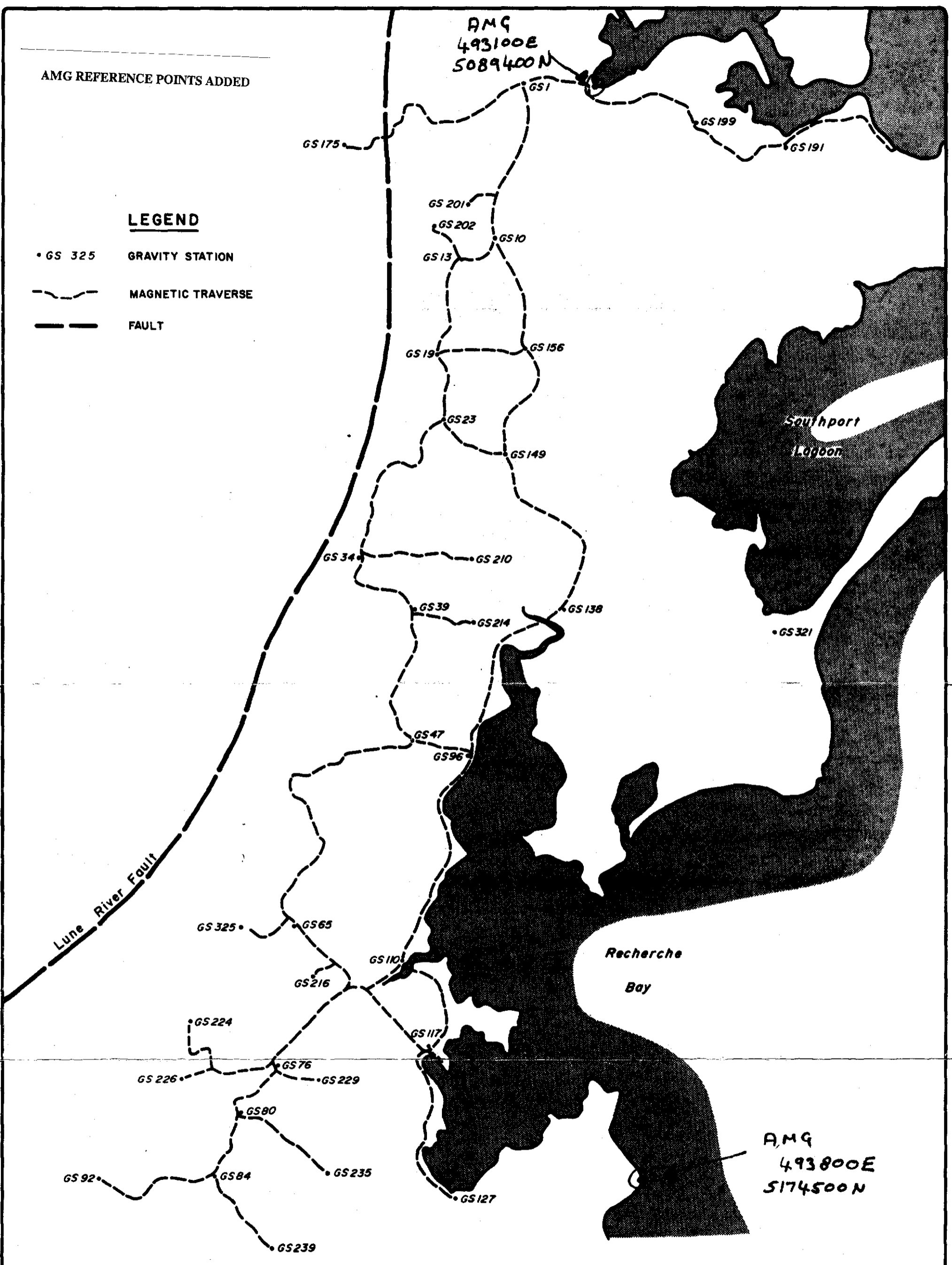
008027

85-1518

AMG REFERENCE POINTS ADDED

**LEGEND**

- GS 325 GRAVITY STATION
- - - MAGNETIC TRAVERSE
- — — FAULT



AMG  
493100E  
5089400N

Southport  
Logoon

Recherche  
Bay

AMG  
493800E  
5174500N

Lune River Fault

5 cm

SCALE 1:50 000 metres  
1000 0 1000 2000

MARATHON PETROLEUM AUSTRALIA, LTD.  
BRISBANE AUSTRALIA

CATAMARAN - TASMANIA  
EL 6/79 TASMANIA PROJECT  
PLAN SHOWING

LOCATION OF GROUND MAGNETIC TRAVERSE

Drawn by BAW

Plan No. CIA3-T5/2 Date Feb 81

008028

028

-1550	Gravity Station 17	+ 250
- 720		+ 120
-1275		+ 30
-2100		- 20
-2075		- 160
-2125		- 240
- 920		- 340
- 340		- 400
-1800		- 430
-1925		- 460
-4000		- 580
-3500		- 490
-3400		- 480
-1725		- 500
-1500		- 500
-1875		- 490
-3300		- 540
-2625		- 520
-1200		- 490
-1175		- 780
- 200		- 510
+ 520		- 520
- 240		- 540
- 520		- 520
- 980		- 480
- 630		- 500
- 350		- 520
- 320		- 500
- 600		- 530
- 360	Gravity Station 18	- 490
- 0		- 500
- 40		- 500
+ 260		- 540
+ 220		- 520
+ 110		- 510
- 140		- 540
- 440		- 510
- 290		- 520
+ 40		- 500
+ 260		- 550
+ 360		- 510

Gravity Station 19

029

- 600
- 600
- 590
- 580
- 700
- 730
- 510
- 580
- 540
- 540
- 490
- 440
- 460
- 460-500
- 440
- 430
- 400
- 360
- 350
- 330
- 330
- 310
- 300
- 300
- 280
- 260
- 360
- 280
- 270
- 280
- 260
- 300
- 300
- 350
- 310
- 300
- 310
- 380
- 340
- 400

Gravity Station 20

Gravity Station 21

- Check G.S. 9
- Check G.S. 1

- 1275
- 40

- 920
- 580
- 550
- 580
- 570
- 540
- 560
- 520
- 530
- 540
- 520
- 520
- 470
- 480
- 480
- 480
- 490
- 440
- 450
- 440
- 410
- 420
- 390
- 410
- 400
- 410
- 410
- 420
- 440
- 460
- 400
- 380
- 380
- 380
- 380
- 370
- 360

Gravity Station 21

Gravity Station 22

030

- 360
- 320
- 300
- 260
- 240
- 260
- 250
- 250
- 250
- 260
- 280
- 270
- 280
- 250
- 240
- 180
- 200
- 180
- 210
- 190
- 320
- 340
- 380
- 380
- 370
- 280
- 290
- 310
- 280
- 300
- 240
- 250
- 290
- 200
- 300
- 320
- 300
- 320
- 360
- 400

Gravity Station 23

- 360
- 280
- 340
- 290
- 290
- 340
- 390
- 400
- 300
- 260
- 360
- 610
- 800
- 830
- 800
- 770
- 780
- 760
- 710
- 680
- 570
- 370
- 10
- + 360
- + 240
- + 110
- 170
- 510
- 1500
- 1450
- 1100
- 690
- 580
- 610
- 800
- 900
- 910
- 810
- 810
- 830

Gravity Station 24

- 860
- 900
- 940
- 900
- 820
- 820
- 780
- 750
- 700
- 680
- 660
- 620
- 620
- 640
- 640
- 680
- 680
- 680
- 650
- 650
- 640
- 640
- 610
- 590
- 560
- 520
- 680
- 660
- 640
- 630
- 610
- 610
- 610
- 610
- 600
- 700
- 640
- 640
- 630
- 640
- 600

Gravity Station 25

Gravity Station 26

- 610
- 600
- 640
- 600
- 620
- 620
- 560
- 540
- 540
- 540
- 520
- 500
- 530
- 510
- 480
- 410
- 440
- 440
- 410
- 390
- 360
- 310
- 230
- 110
- + 60
- + 290
- + 290
- + 110
- + 330
- + 250
- + 190
- 60
- 40
- 140
- 90
- 120
- 60
- 160
- 160
- 40
- 200

Gravity Station 27

032

- 400
- 360
- 170
- 320
- 460
- 460
- 450
- 490
- 410
- 440
- 370
- 380
- 340
- 400
- 370
- 350
- 380
- 310
- 180
- 60
- + 120
- + 80
- 40
- + 180
- + 450
- + 460
- + 500
- + 380
- + 240
- + 140
- + 70
- 130
- 340
- 500
- 610
- 720
- 740
- 700
- 550

Gravity Station 28

- 400
- 390
- 340
- 590
- 500
- 460
- 440
- 490
- 510
- 500
- 610
- 660
- 680
- 680
- 700
- 920
- 920
- 1150
- 1125
- 1125
- 1150
- 1100
- 1075
- 1050
- 840
- 840
- 910
- 990
- 1150
- 1225
- 1050
- 1050
- 820
- 720
- 800
- 910
- 890
- 1150
- 820
- 840

Gravity Station 29

Gravity Station 30

- 840
- 860
- 800
- 810
- 830
- 780
- 890
- 840
- 840
- 910
- 830
- 800
- 730
- 770
- 700
- 750
- 810
- 820
- 810
- 740
- 850
- 930
- 980
- 990
- 940
- 870
- 840
- 880
- 950
- 910
- 880
- 890
- 1200
- 1150
- 900
- 910
- 1100
- 820
- 840
- 820
- 900
- 920
- 1300
- 1350
- 1325
- 1300
- 1325
- 1225
- 1175
- 1150
- 1125
- 880
- 960
- 960
- 940
- 980
- 940
- 940
- 950
- 1150
- 1050
- 1025
- 840
- 840
- 850
- 850
- 840
- 840
- 840
- 810
- 800
- 780
- 740
- 720
- 620
- 660
- 680
- 660
- 640
- 720
- 790

Gravity Station 31

Gravity Station 32

034

## South Cape Road

+ 30	Gravity Station 1	- 440	
0		- 420	
+2050		- 360	
0		- 380	
-1200		- 410	
-1375		- 350	
-1400		- 370	
-1550		- 390	
-1525		- 380	
-1550		- 380	
-1525		- 380	
-1450		- 520	
-1450		- 540	
-1400		- 560	
-1925		- 560	
-1425		- 510	
-620		- 500	
- 940		- 520	
-1125		- 460	
-1250		- 660	
-1175		- 680	
-1100		- 700	
-1025		- 680	
- 860		- 680	
- 820		- 630	
- 710		- 730	
- 660		- 600	
- 580		- 730	
- 560		- 500	
- 540		- 300	Gravity Station 3
- 540		- 510	
- 520		- 480	
- 480		- 280	
- 460		- 460	
- 470		- 560	
- 440	Gravity Station 2	- 500	
- 600		- 450	
- 560		- 580	
- 460		- 580	

- 560
- 700
- 810
- 830
- 830
- 820
- 410
- 420
- 200
- 340
- 280
- 300
- 320
- 310
- 440
- 380
- 400
- 400
- 250
- 360
- 440
- 470
- 510
- 500
- 480
- 380
- 360
- 320
- 280
- 280
- 250
- 220
- 340
- 420
- 360
- 330
- 340
- 410
- 370
- 240
- 360

Gravity Station 4

- 330
- 250
- 320
- 130
- 200
- 390
- 480
- 480
- 440
- 430
- 370
- 360
- 350
- 380
- 400
- 410
- 350
- 380
- 340
- 400
- 540
- 600
- 760
- 640
- 740
- 750
- 760
- 780
- 740
- 740
- 760
- 800
- 800
- 820
- 640
- 640-740-880
- 830
- 820
- 800
- 780
- 780

Gravity Station 5

036

- 770
- 780
- 760
- 770
- 760
- 760
- 740
- 730
- 720
- 720
- 730
- 740
- 700
- 760
- 780
- 810
- 780
- 780
- 780
- 780
- 780
- 790
- 800
- 800
- 820
- 820
- 820
- 800
- 800
- 810
- 800
- 800
- 820
- 830
- 800
- 770
- 990
- 780
- 780
- 780
- 790

Gravity Station 7

- 800
- 780
- 780
- 780
- 780
- 780-920
- 900
- 900
- 900
- 880
- 890
- 890
- 900
- 890
- 880
- 960
- 920
- 900
- 900
- 900
- 920
- 900
- 900
- 920
- 910
- 950
- 900
- 890
- 900
- 890
- 880
- 900
- 870
- 900
- 900
- 900
- 920
- 900
- 900
- 900
- 920

Gravity Station 8

Gravity Station 9

037

3/11/80

-1625

Gravity Station 9

-1075

-1100

-1550

-1100

-1350

-1075

-1525

-1050

-1550

-1050

-1400

-1050

-1300

-1050

-1400

-1050

-1400

-1075

-1375

-1075

-1350

-1050

-1325

-1075

-1300

-1050

-1300

-1050

-1300

-1050

-1275

-1050

-1275

-1050

-1250

-1025

-1225

-1025

-1225

-1025

-1250

-1050

-1200

-1025

-1200

- 880

-1200

-1125

Gravity Station 11

-1200

-1050

-1175

-1050

-1200

- 870

-1175

- 850

-1150

- 840

-1175

- 840

-1175

- 830

-1250

Gravity Station 10

- 840

-1075

- 870

-1100

- 890

-1075

- 810

-1100

- 850

-1100

- 900

-1100

- 910

- 910
- 960
- 990
- 1150
- 1250
- 1275
- 1275
- 1175
- 1450
- 820
- 1200
- 630
- 1400
- 1400
- 1250
- 1250
- 1175
- 780
- 580
- 880
- 720
- 600
- 570
- 600
- 620
- 640
- 560
- 600
- 610
- 650
- 660
- 640
- 640
- 610
- 570
- 500
- 430
- 420
- 460
- 440
- 460

Gravity Station 12

- 430
- 480
- 480
- 480
- 500
- 520
- 560
- 560
- 600
- 630
- 640
- 700
- 640
- 650
- 630
- 600
- 580
- 480
- 450
- 380
- 360
- 340
- 300
- 290
- 270
- 310
- 280
- 270
- 280
- 300
- 320
- 450
- 340
- 370
- 400
- 430
- 460
- 490
- 470
- 440
- 440

Gravity Station 13

Gravity Station 14

039

- 420	- 680
- 380	- 600
- 400	- 420
- 430	- 200
- 470	- 110
- 500	- 40
- 560	+ 20
- 560	+ 30
- 600	50
- 600	- 10
- 600	- 10
- 600	- 80
- 560	- 130
- 520	+ 180
- 440	+ 600
- 410	+ 230
- 390	- 220
- 350	- 520
- 330	- 870
- 470-500	-1325
- 320	-1400
- 240	-1450
- 210	-1400
- 150	-1400
- 40	-1425
+ 40	-1450
+ 130	-1400
190	-1175
250	+ 110
170	- 330
360	- 930
570	- 580
540	- 640
590	- 770
320	-1175
140	-1250
- 70	-1450
- 210	-1050
- 380	- 620
- 570	- 800
- 680	-1575

Gravity Station 16

Gravity Station 15

040

- 40
- 150
- 200
- 200
- 220
- 230
- 220
- 210
- 180
- 260
- 160
- 220
- 220
- 170
- 160
- 140
- 240
- 220
- 180
- 190
- 220
- 200
- 160
- 140
- 160
- 140
- 160
- 180
- 190
- 200
- 190
- 180
- 200
- 200
- 200
- 200
- 200
- 200
- 210
- 200

- 230
- 220
- 210
- 220
- 240
- 240
- 220
- 240
- 260
- 250
- 240
- 240
- 230-200
- 240
- 220
- 220
- 230
- 220
- 280
- 80
- 200
- 210
- 200
- 200
- 240
- 240
- 250
- 240
- 230
- 260
- 260
- 260
- 280
- 260
- 260

Gravity Station 227

Gravity Station 228

Gravity Station 229

041

## Tramway Ida Bay 9/12/80

- 30		
- 500	Gravity Station 176	-1150
- 850		-1175
-1350		-1100
-1500		-1150
-1550		-1000
-1550		-1075
-1475		-1100
-1475		-1100
-1550		-1100
-1525		-1100
-1500		-1100
-1475		-1100
-1475		-1125
-1400		-1125
-1350		-1450
-1350		-1500
-1350		-1300
-1350		-1200
-1200		-1150
-1250		-1100
-1250		-1075
-1225		-1150
-1225		-1050
-1225		-1150
-1175		-1150
-1200		-1200
-1200		-1100
-1150		-1050
-1175		-1100
-1150		-1100
-1125		-1150
-1125		-1100
-1100		-1150
-1175		-1100
-1100		- 860
-1100		- 860
-1100	Gravity Station 177	- 920
-1150		- 820
-1100		- 900
		Gravity Station 178

042

- 980	-1050
-1000	-1050
- 900	-1200
-1200	-1100
-1150	-1100
-1200	-1050
-1200	-1050
-1000	-1050
-1225	-1050
-1225	-1050
-1225	-1100
-1150	-1050
-1250	-1050
-1100	-1050
-1100	-1050
-1200	-1025
-1200	-1100
-1200	-1100
-1100	-1100
-1200	-1100
-1150	-1100
-1150	-1125
-1100	-1150
-1200	-1200
-1100	-1100
-1200	-1200
-1150	-1050
-1200	-1200
-1200	-1250
-1100	-1200
-1150	-1300
-1150	-1300
-1200	-1300
-1050	-1350
-1250	-1300
-1150	-1300
-1075	-1950
-1100	-1400
-1100	-1450
-1100	-1450

Gravity Station 180

Gravity Station 179

-1450		-1000
-1400		-1400
-1500		-1450
-1500		-1000
-1500		- 900
-1400		- 990
-1300		- 700
-1200		- 460
-1300	Gravity Station 181	-1350
-1300		-1800
-1400		-1425
-1500		-1425
-1550		-1700
-1600		-1650
-1650		-1400
-1650		-1600
-1550		-1500
-1600		-1450
-1300		-1300
-1450		- 640
-1550		- 770
-1450		- 700
-1475		- 680
-1450		- 400
-1300		- 340
-1250		- 780
- 820		- 180
- 830		- 240
- 890		- 620
- 980		- 80
-1300		- 430
-1400		- 260
-1350		+ 520
-1300		- 160
-1200		- 260
-1050		- 680
- 800		- 580
- 750		- 840
- 980		- 940
- 980		-1200
-1000		-1300

Gravity Station 183

044

-1325	- 980
-1300	- 580
-1200	-1150
-1200	-1200
-1250	-1800
-1250	- 260
-1200	- 680
-1200	- 680
-1150	- 480
-1050	- 250
-1200	- 280
-1100	- 880
-1000	- 340
- 740	- 410
- 680	- 310
- 740	- 440
- 780	- 580
- 840	- 840
- 920	-1050
- 980	-1000
- 980	-1150
-1100	-1100
-1150	-1150
-1100	-1100
-1125	-1100
-1000	-1025
-1100	- 780
-1000	- 780
-1100	- 860
-1100	- 900
-1050	- 700
-1100	- 830
- 730	- 800
- 830	- 740
-1000	- 760
- 800	- 700
-1500	- 880
- 550	- 870
- 880	- 730

Gravity Station 199

045

- 830	- 780
- 900	- 660
- 920	- 660
- 920	- 680
- 860	- 680
- 840	- 700
- 800	- 780
- 880	- 840
- 740	- 780
- 520	- 500
- 800	- 480
- 650	- 880
- 820	- 680
- 780	- 480
- 850	- 760
- 780	- 840
-1000	- 800
- 990	- 800
- 920	- 760
- 860	- 780
- 860	- 680
- 860	- 770
- 900	- 700
- 870	- 900
- 880	- 800
- 820	- 760
- 880	- 740
- 850	- 740
- 850	- 870
- 760	- 840
- 720	- 940
- 720	- 780
- 720	- 980
- 620	-1250
- 720	-1100
- 780	-1150
- 850	-1300
- 880	-1300

-1300	-550
-1350	- 660
-1450	- 900
-1250	-1200
-1250	-1000
-1050	- 740 - 710
- 820	- 680
- 880	- 750
- 880	-1150
- 880	-1050
- 900	-1250
- 740	-1450
-1450	-1500
- 200	-1700
+ 140	-1500
- 60	-1600
- 500	-1700
- 550	-1750
- 620	-2100
- 540	-2050
- 610	-2400
- 720	-1450
- 940	-1150
- 920	-1300
- 880	-1100
- 700	-1000
- 900	- 900
- 840	-1300
- 920	-3400
-1200	-1300
-1050	- 800
-1000	- 980
-1000	- 560
-1250	- 850
-1200	-1150
- 420	-1050
- 400	- 780
-1200	-1200
-1150	-1100
-1025	-1150

Gravity Station 193

047

-1100		-1000
-1050		- 840
-1250		- 840
-1200		- 800
-1100		- 830
- 740		- 760
- 880		- 920
- 860		- 940
- 920		-1200
- 720		-1300
- 800		-1350
- 820		-1450
- 940		-1350
- 880	Gravity Station 192	-1200
- 890		-1100
- 860		- 580
- 900		-1400
- 900		-1600
- 940		- 550
-1200		- 620
-1050		- 640
-1000		- 600
- 170		- 720
- 540		- 580
- 750		- 860
- 730		-1200
-1250		- 780
-2000		- 820
-1750		- 820
-1100		- 820
-1000		- 640
-1200		- 740
-1150		- 800
-1200		- 800
-1200		- 800
-1150		- 780
-1150		- 720
-1100		- 740
-1100		- 700
-1100		- 800

048

- 600	-1100
- 720	-1100
- 900	-1100
- 850	-1100
-1150	-1050
-1100	-1100
- 950	-1100
-1100	-1000
-1300	-1100
-1400	-1100
-1300	-1050
-1250	-1200
-1050	-1100
-1100	-1100
-1200	-1050
- 850	-1000
- 940	-1000
- 980	- 950
- 780	- 960
- 920	- 800
- 940	- 820
-1000	- 820
- 960	- 780
- 940	- 840
- 850	- 840
- 780	- 780
- 780	- 700
- 980	- 780
- 880	- 720
- 920	- 860
- 950	- 820
- 900	- 680
- 820	- 670
-1000	- 680
- 950	- 800
-1000	- 680
-1050	- 640
-1000	- 780
-1100	- 600
-1000	- 720

049

- 720
- 700
- 680
- 740
- 800
- 640
- 750
- 800
- 650
- 650
- 730
- 700
- 640
- 660
- 600
- 640
- 680
- 600
- 600
- 560
- 480
- 520
- 500
- 480
- 540
- 500
- 560
- 550
- 560
- 570
- 500
- 620
- 620
- 620
- 660
- 680
- 710
- 720
- 760
- 740
- 760
- 710
- 680
- 820
- 820
- 720
- 730
- 740
- 820
- 800
- 820
- 820
- 840
- 780
- 800
- 840
- 820
- 820
- 820
- 820
- 820
- 800
- 780
- 820
- 800
- 800
- 780
- 680
- 780
- 780
- 750
- 700
- 790
- 740
- 740
- 720
- 740
- 740
- 740

- 780	- 970
- 740	- 230
- 740	- 600
- 740	0
- 740	- 30
- 660	- 550
- 740	- 620
- 780	-1175
- 480	- 540
- 160	+ 220
- 360	+ 260
- 880	- 380
- 780	- 240
- 760	+ 20
- 740	+ 40
- 660	+ 390
- 720	- 860
- 740	- 840
- 760	+ 160
- 740	+ 160
- 720	+ 200
- 740	+ 180
- 740	+ 150
- 720	0
- 780	- 300
- 780	- 100
- 800	- 430
- 940	+ 110
- 880	- 50
- 900	- 290
-1000	- 300
The Deep Hole	- 640
Ida Bay Tramway	-1150
10/12/80	-1200
Rock on corner to G.S. 1	- 420
- 60 Gravity Station 1	- 160
-1350	- 580
- 500	- 110
- 670	Rock on corner 10m from GS 176 Gravity Station 1

051

South cape Spur 1	- 450	
10/12/80	- 460	
- 860	Gravity Station 34	- 570
- 800	- 580	
- 770	- 600	
- 580	- 540	
- 620	- 540	
- 540	- 720	
- 780	- 660	
- 680	- 640	
- 820	- 600	
- 800	- 670	
-1350	- 660	
-1100	- 670	
- 730	- 710	
- 480	- 800	
- 420	- 680	
- 560	- 720	
- 650	- 780	
- 620	- 660	
- 580	- 730	
- 610	- 840	
- 560	- 800	
- 420	- 820	
- 420	- 760	
- 440	- 810	
- 500	- 850	
- 580	- 780	
- 620	- 800	
- 520	- 750	
- 610	- 820	
- 630	- 880	
- 550	- 800	
- 620	- 780	
- 800	- 790	
- 450	- 880	
- 360	- 760	
- 440	- 910	
- 320	- 880	
- 420	- 920	

- 960
- 650
- 440
- 480
- 590
- 620
- 630
- 680
- 600
- 750
- 780
- 900
- 800
- 830
- 680
- 630
- 620
- 620
- 640
- 560
- 620
- 870
- 150
- 550
- 700
- 700
- 640
- 620
- 750
- 750
- 780
- 770
- 770
- 720
- 660
- 740
- 720
- 740
- 730
- 680
- 770
- 630
- 690
- 820
- 700
- 660
- 700
- 720
- 750
- 630
- 760
- 660
- 760
- 700
- 780
- 680
- 610
- 590
- 700
- 620
- 660
- 700
- 660
- 640
- 730
- 860
- 690
- 700
- 670
- 620
- 540
- 660
- 650
- 670
- 660
- 660
- 640
- 670

053

- 560		- 500
- 630		- 540
- 670		- 620
- 620		- 530
- 660		- 580
- 580		- 560
- 580		- 600
- 770		- 500
- 720		- 580
- 580		- 460
- 580		- 530
- 640		- 500
- 540		- 440
- 510		- 560
- 580		- 460
- 660		- 440
- 580		- 400
- 640		- 400
- 600		- 570
- 780		- 540
- 660		- 410
- 520		- 420
-1050 )		- 360
- 980 )	Gravity Station 34	- 400
-1150 )		- 300
		- 400
		- 400
South cape Spur 2		- 400
Start E end		- 340
- 760		- 420
- 710		- 350
- 570		- 360
- 570		- 420
- 440		- 450
- 470		- 490
- 520		- 450
- 570		- 440
- 560		- 450
- 680		- 520
- 730		- 540
- 600		- 500
- 620		- 450

054

- 360
- 320
- 440
- 450
- 320
- 120
- 380
- 330
- 540
- 420
- 500
- 550
- 560
- 540
- 660
- 530
- 560
- 420
- 490
- 410
- 450
- 370
- 380
- 460
- 520
- 530
- 480
- 440
- 500
- 430
- 460
- 510
- 230
- 180
- 200
- 410
- 590

- 580
- 570
- 820
- 640
- 800
- 600
- 740
- 690
- 640
- 800
- 960
- 1000

)  
) Gravity Station 39  
)  
)

APPENDIX III

## Ground Magnetic Survey

Date 2.12.80 to 12.12.80 inclusive

Instrument: Scintrex MF-2

Zero setting 70K

Location control by Gravity Stations

Magnetic control: None

Tabulation of field results

Traverse profiles

Location map: 1:50,000

056

## South Cape Spur 7

-1050	Gravity Station 80	- 380
- 650		- 150
- 760		- 340
- 780		- 490
- 620		- 600
- 620		- 620
- 540		- 610
- 500		- 880
- 500		+ 20
- 500		- 400
- 660		- 510
- 320		- 600
- 180		- 680
- 80		- 620
- 250		- 430
- 710		- 700
- 730		- 580
- 680		- 650
- 360		- 520
- 280		- 640
- 830		- 660
- 600		- 660
- 540		- 710
- 440		- 710
- 640		- 720
- 570		- 740
- 530		- 680
- 620		- 600
- 840		- 600
-1350		- 480
-3200		- 760
+ 70		- 660
- 280		- 700
- 410		- 800
- 480		-3700
- 820		+1200
- 700		- 600
- 240		- 720
-1200		- 740

057

- 700	- 660
- 620	- 860
- 690	- 660
- 500	- 600
- 500	- 600
- 620	- 640
- 680	- 620
-1000	- 660
- 600	- 740
- 620	- 700
- 720	- 940
- 640	-1900
- 500	- 780
- 220	- 440
- 760	- 410
- 500	- 700
- 700	- 580
- 820	- 450
- 620	- 680
- 700	-1600
- 540	-1050
- 400	- 630
- 300	-1400
- 380	-1500
- 80	-1200
-1250	-1050
- 800	-1050
- 820	-1100
- 750	-1250
- 680	-1100
- 660	-1100
- 600	-1050
- 540	-1200
+ 420	-1200
- 280	-1000
- 680	-1200
- 580	-1100
- 670	-1125
- 640	-1200
- 650	-1150

Gravity Station 233

058

-1250		- 590
-1250		- 540
-1300		- 430
-1350		- 660
-1250		- 600
-1300		- 560
-1300		- 630
-1200		- 630
-1200		- 760
-1200		- 640
-1150		- 720
-1100		- 730
-1200		- 650
-1250		- 720
-1000		- 620
-1200		- 600
-1300		- 720
-1250		- 730
-1100		- 660
-1200	Gravity Station 235	- 620
-1100		- 640
-1300		- 600
-3800		- 660
-1250		- 770
-1200		- 660
-1400		- 600
	End of road	- 350
-1300	Gravity Station 80	+ 80
		- 60
	South cape Spur 8	- 40
- 630	Gravity Station 84	- 120
- 650		- 186
- 690		- 260
- 540		- 420
- 550		- 500
- 560		- 420
- 400		- 0
- 460		+ 80
- 480		+ 80

Gravity Station 236

- 80	- 620	
- 200	- 640	
- 580	- 620	
+ 500	- 580	
+ 620	- 460	
+ 320	- 430	
+ 200	- 350	
+ 60	- 500	
+ 180	- 450	
+ 820	- 440	
- 280	- 540	
- 770	- 640	
- 300	- 660	
- 300	- 670	
- 220	- 660	
- 360	- 680	
- 380	- 700	
- 310	- 680	
- 420	- 710	
- 460	- 700	
- 240	- 680	
- 40	- 680	
- 100	- 680	
- 180	- 650	
- 200	- 650	
- 170	- 620	Gravity Station 239
- 70	- 580	
- 420		End of road
- 280	- 400	Gravity Station 84
- 220		South Lune Road
- 380		9/12/80
- 60		(Quarry Road)
- 620	- 150	Gravity Station 1
- 700	- 760	
- 720	- 640	
- 760	+ 50	
- 660	- 380	
- 660	-2750	
- 660	-1000	
- 670	+ 130	

060

- 600	-1250
- 800	-1150
- 480	- 240
- 460	- 160
-1125	- 390
- 70	- 370
- 450	- 480
- 120	- 610
+ 350	- 710
- 460	- 690
- 660	- 600
- 720	- 810
- 680	- 910
-1150	- 850
-1100	- 780
- 840	- 740
- 860	- 760
- 980	- 780
- 860	- 620
- 720	- 830
- 900	- 740
- 880	- 960
- 970	- 930
- 950	-1200
- 840	-1225
- 900	-1150
- 840	-1050
- 820	-1025
- 820	-1050
- 900	-1075
- 890	-1050
-1000	-1000
-1200	- 970
-1250	- 940
-1350	- 860
-1125	-860

Gravity Station 163

Gravity Station 164

- 900	- 520
- 900	- 550
- 920	- 780
- 920	- 800
- 960	- 820
- 980	- 860
- 940	- 900
- 800	- 890
- 740	- 820
- 820	- 840
- 760	-1250
- 800	-1050
- 820	- 820
- 680	- 800
- 820	- 800
-1300	- 840
-1100	- 780
-1000	- 840
-1050	- 920
-1025	- 830
- 980	- 930
- 760	- 920
- 920	- 780
-1200	- 680
-1150	- 660
-1150	- 500
-1100	- 500
-1025	- 540
-1100	- 660
-1050	- 700
- 950	- 720
- 700	- 700
+ 100	- 720
- 200	- 700
- 660	- 800
- 700	- 740
- 840	- 780
- 900	- 800
- 600	- 830

Gravity Station 165

Gravity Station 166

062

- 800	Gravity Station 167	- 700
- 790		- 580
- 760		- 600
- 820		- 440
- 860		- 280
- 850		- 250
- 840		- 240
- 720		- 240
- 500		- 360
- 460		- 760
- 530		- 800
- 620		- 560
- 740		- 380
- 700		- 440
- 700		- 440
- 630		- 500
- 560		- 480
- 540		- 360
- 520		- 400
- 470		- 480
- 460		- 560
- 500		- 540
- 440		- 200
- 440		+ 100
- 370		- 80
- 380		- 520
- 480		- 300
- 740		- 20
- 880		0
- 880		- 100
-1150		- 400
- 680		- 540
- 400		- 520
- 460		- 540
- 600		- 640
- 640	Gravity Station 168	- 640
-1000		- 660
- 700		- 600

Gravity Station 169

063

- 660	-1300
- 780	-1350
- 760	-1050
- 820	-1100
- 780	-1250
- 740	-1250
- 720	-1300
- 760	-1225
- 940	-1300
- 880	-1250
- 840	-1250
- 780	-1300
- 780	-1300
- 880	-1250
- 820	-1250
- 700	-1200
- 700	-1250
- 750	-1250
- 830	-1150
- 780	-1150
- 820	-1150
- 820	-1100
- 880	-1100
- 780	-1050
- 760	-1100
- 720	-1025
- 820	- 540
-1000	- 800
- 980	- 760
- 980	+ 80
-1000	- 200
-1200	- 640
-1300	- 610
-1450	- 640
-1450	- 780
- 520	- 940
- 580	- 850
- 720	- 680
- 940	- 780

Gravity Station 171

Gravity Station 170

- 890		- 400
- 880		- 500
- 960		- 700
- 970		- 700
- 940	Gravity Station 172	- 800
-1200		-1300
- 820		-1100
-1200		-1100
-1100		-1000
-1100		- 880
-1100		- 900
-1100		- 700
-1100		- 650
-1100		- 740
-1050		- 920
-1100		- 840
-1100		- 820
-1150		- 830
-1100		- 810
-1250		- 720
-1300		- 800
-1250		- 540
-1150		- 460
- 780		- 500
- 880		- 440
- 800		- 600
- 700		- 660
- 640		- 800
- 710		- 860
- 700		- 850
- 560		- 930
-1200		- 840
+ 60		- 900
+ 100		- 900
+ 230		- 800
+ 300	Gravity Station 173	- 900
- 420		- 860
- 700		- 820
- 680		- 860

Gravity Station 174

065

- 860		- 740
- 840		- 750
- 880		- 740
- 760		- 720
- 780		- 720
- 840		- 580
- 880		- 520
- 800		- 620
- 840		- 640
- 640		- 600
- 760		- 540
- 840	Gravity Station 175	- 600
- 660		- 600
- 840		- 520
- 760		- 680
- 800		- 700
- 780		- 620
- 740		- 700
- 800		- 650
- 740		- 560
- 760		- 680
- 750		- 720
- 580		- 650
- 760		- 680
- 780		- 680
- 770		- 680
- 700		- 620
- 700		- 580
- 670		- 640
- 720		- 640
- 780		- 720
- 720		- 640
- 660		- 600
- 760		- 640
- 680		- 600
- 740		- 650
- 780		- 700
- 680		- 670
- 740		- 620
- 800		- 700
- 580		

066

South Cape Spur 10  
10/12/80

-1375	Gravity Station 8	-1325	
-1375		-1300	
-1300		-1325	
-1300		-1275	
-1300		-1325	
-1150		-1300	
-1295		-1300	
-1325		-1325	
-1300		-1350	
-1300		-1350	
-1350		-1400	
-1625		-1400	
-1425		-1400	
-1300		-1400	
-1250		-1375	
-1300		-1350	
-1300		-1350	
-1300		-1350	
-1300		-1350	
-1300		-1425	
-1325		-1450	
-1325		-1450	
-1300		-1400	
-1300		-1425	
-1325		-1450	
-1350		-1475	
-1350		-1500	Gravity Station 201
-1350			End of track
-1300		-1375	Gravity Station 8
-1275			
-1275			
-1250		South Cape Spur 9	
-1250		- 850	Gravity Station 13
-1225		- 910	
-1200		-1325	
-1250		-1325	
-1250		-1150	
-1275		-1175	
		-1200	

067  
290

-1250	-2200
-1400	- 240
-1450	- 280
-1500	- 230
-1550	- 690
-1450	+1325
-1075	+ 90
- 620	-2375
- 510	-3300
- 340	-3500
+ 80	-3000
0	-2000
- 230	-1400
- 300	-2500
- 400	-2250
+ 50	0
- 220	+ 670
- 140	+ 160
+ 410	-1175
+ 440	-2050
- 100	-2350
- 280	-1900
- 400	- 300
- 120	+ 60
+ 110	- 170
0	- 740
+ 40	
-1450	- 920 )
+ 360	- 880 )
+1600	- 830 )
- 360	
- 880	
- 100	- 910
+ 580	- 840
+ 970	- 630
-1800	- 400
+ 240	- 370
+ 100	- 550
-2100	- 560
	- 800

Gravity Station 202

End of track

Gravity Station 13

South Cape Spur 4

Gravity Station 68

-1150  
- 480  
- 660  
- 880  
-1400  
+ 660  
-1675  
- 780  
- 160  
- 900  
- 900  
- 520  
- 280  
- 360  
- 470  
- 580  
- 180  
+2100  
- 300  
+ 100  
- 20  
- 40  
+ 740  
+ 250  
- 280  
- 360  
- 430  
- 300  
- 220  
- 580  
- 520  
- 430  
- 300  
- 500      Gravity Station 216  
- 600  
- 400      End of track  
- 950      Gravity Station 68

069

Track on Catamaran River	-1950	
-1900		Gravity Station 110
-1500	-1850	
-1150	-1700	
-1050	-1700	
-1350	-1625	
-1400	-1950	
-1400	-1900	
- 800	-1900	
- 490	-2100	
- 80	-1950	
Start of road along river	-1950	
+ 20	-1800	
- 860	-1900	
- 950	-1850	
-6800	-2100	
-1250	-1950	
-1450	-1950	
-1325	-1600	
-1025-940	-1600	Gravity Station 245
- 840	-1800	
- 740	-1750	
-1250	-1900	Gravity Station 247
-1150	-1925	
-1350	-1950	
-1525	-1925	
-1500	-1850	
-1450	-2000	
-1700	-1950	
-1700	-1750	
-1550	-1750	
-1850	-1650	
-1675	-2100	)
-1500	-1900	)
-1800		)
-1625		Track next to bridge on N-coast Road
-1450	-2000	Gravity Station 156
-1500	-1675	Gravity Station 246
-1700	-2400	
-1850	-1300	

070

-1450	- 900
-1450	- 750
- 680	- 830
- 280	- 600
+ 700	- 700
+ 680	- 900
- 400	- 850
- 240	- 750
- 380	- 860
- 580	-1000
- 500	+ 180
- 200	- 400
- 340	-1500
- 620	- 800
- 720	-1300
- 840	- 820
- 940	- 700
-1100	- 710
-1200	- 790
-1200	- 600
-1150	- 570
-1100	- 700
- 930	- 800
-11-75	- 620
-1150	- 380
- 960	- 500
- 910	- 480
- 940	- 660
-1300	- 600
-1250	- 540
-1150	- 660
-1200	- 690
-1200	- 510
-1200	- 500
-1175	- 550
-1300	- 580
-1250	- 600
-1250	- 680
-1475	- 800
-1250	- 750
-1100	- 720

Gravity Station 306

Gravity Station 305

Gravity Station 307

140  
071

- 780		- 770	
- 730		- 780	
- 760		- 760	
- 760		- 810	Gravity Station 19
- 680		No. Le	Gravity Station 156
- 700			
- 800		Sawmill on N Coast road	
- 760		-1400	Gravity Station 149
- 560		-1700	
- 600		-1300	
- 560		-2250	
- 480		-1800	
- 500		-1800	
- 610		-1750	
- 680	Gravity Station	-1300	
- 720		-2200	
- 740		-2150	
- 690		-1650	
- 600		-1700	
- 660		-1850	
- 680		-1300	
- 560		-2500	
- 740		-2000	
- 700		-2350	
- 600		-1450	
- 650		-1956	
- 520		-2450	
- 600		-2656	
- 600		-3400	
- 700		-2800	
- 820		-3400	
- 730		-3400	
- 840		-3450	
- 800		-2800	
- 770		-3000	
- 800		-2850	
- 800		-1950	
- 820		-1600	
- 850		-1800	
- 800		-1800	

072

-2350  
 -3100  
 -1800  
 +3400  
 +2150  
 +3800  
 +3000  
 + 120  
 - 580  
 + 120  
 - 600  
 + 400  
 + 480  
 + 200  
 + 320  
 + 80  
 - 180  
 - 220  
 - 780  
 - 730  
 -1250  
 - 620  
 - 700  
 - 740  
 - 900  
 - 820  
 - 840  
 - 360  
 - 540  
 - 580  
 -3200  
 - 500  
 - 800  
 - 540  
 -1200  
 - 700  
 - 800  
 - 720  
 - 720  
 - 520

Gravity Station

-1450  
 -1200  
 - 450  
 - 580  
 - 80  
 - 220  
 -1400  
 - 440  
 -1450  
 -1700  
 - 720  
 -1350  
 -1250  
 -1600  
 -1250  
 -1300  
 - 680  
 - 700  
 - 900  
 - 360  
 - 700  
 - 340  
 - 120  
 - 960  
 -1150  
 -1200  
 - 320  
 - 500  
 - 540  
 - 840  
 - 840  
 - 900  
 -1250  
 -8600  
 - 500  
 - 820  
 - 880  
 - 160  
 - 150

Gravity Station

Gravity Station

Gravity Station 23

073

End of Spur 9	Gravity Station 202	- 100	
		+ 880	
End of Spur 10	Gravity Station 201	- 180	
		+ 500	
Recess track to A.P.M. costeans		+ 460	
		+ 120	
- 320		- 280	
- 100		+ 620	
+ 100		- 280	Gravity Station 323
+ 80		+ 660	
+ 140		- 180	
- 180		- 160	
- 10		0	
+ 260		+ 640	
- 580		+ 400	
- 180		+ 180	
-1000		+ 200	
-1250		+ 600	
+ 70		+ 720	
- 590		+ 300	
- 560		- 100	
+ 80		- 20	
- 360		+ 260	
- 60		+ 580	
+ 280		+1500	
+ 160		+1500	Gravity Station 324
+ 480		+ 120	
+ 280		- 460	
+ 0		+ 60	
+ 4	Gravity Station 322	+ 280	Gravity Station 325
+ 8			
+ 340			
+ 120		South Cape Spur 5	
- 240		- 260	Gravity Station 76
+ 410		- 160	
+ 40		- 230	
+ 8		- 20	
- 120		+ 60	
+ 460		- 60	
+ 320		- 20	

074

- 820
- 800
- 780
- 870
- 680
- 700
- 700
- 670
- 720
- 680
- 780
- 700
- 820
- 730
- 720
- 730
- 720
- 730
- 740
- 720
- 720
- 720
- 910
- 860
- 830
- 850
- 820
- 850
- 840
- 890
- 840
- 810
- 840
- 830
- 770
- 700
- 730
- 800
- 740
- 700

- 840
- 900
- 880
- 920
- 820
- 840
- 880
- 870
- 930
- 920
- 960
- 740
- 800
- 820
- 820
- 780
- 900
- 780
- 900
- 960
- 860
- 990
- 1100
- 1150
- 1100
- 1100
- 1200
- 1350
- 1450
- 1450
- 1400
- 1150
- 1000
- 600
- 300
- 0
- 20
- 20
- 60
- 120

Gravity Station 147

Gravity Station 148

075

- 240		- 820
- 280		- 860
- 420		- 740
- 460		- 800
- 580		- 840
- 520		- 780
- 480		- 580
- 520		- 780
- 540		- 760
- 520		- 800
- 680		- 800
- 680		- 760
- 740		- 820
- 620		- 800
- 820		- 820
- 820		- 880
- 820	Gravity Station 149	- 820
- 840		- 900
- 880		- 890
-1050		- 920
-1050		- 920
-1050		- 880
- 750		- 940
- 780		- 880
- 700		- 920
- 750		- 940
- 780		- 960
- 720		- 950
- 800		- 850
- 770		- 960
- 760		-1125
- 840		-1100
- 800		-1150
- 860		-1050
- 860		-1100
- 860		-1050
- 820		-1050
- 820		-1000
- 800		-1050

076

-1050	-1100
-1050	-1050
-1100	-1050
-1100	-1100
-1050	-1025
-1050	-1100
-1050	-1100
-1050	- 800
-1050	- 760
-1025	- 780
- 830	- 750
- 800	- 880
- 830	- 860
- 820	- 840
- 860	- 840
- 860	- 880
- 890	- 840
- 860	- 820
- 940	- 860
- 940	- 880
- 920	- 880
- 920	- 880
- 940	- 860
- 960	- 950
- 920	- 900
- 960	- 960
-1100	- 980
-1050	-1250
-1050	-1300
-1050	-1200
-1050	-1400
-1050	-1250
-1100	-1300
-1050	-1300
-1050	-1250
-1050	-1200
-1100	-1300
-1250	-1250
-1100	-1250

Gravity Station 153

077

-1200		-1700
-1200		-1800
-1250		-1900
-1250		-2000
-1200		-1950
-1200		-2050
-1200		-2100
-1300		-2150
-1200		-2375
-1300		-2550
-1300		-1950
-1150		-1700
-1150		-1600
-1150		-1750
-1100		-1050
-1200		-1400
-1200		-1550
-1150		-1050
-1250		-1500
-1250		-1050
-1300		-2225
-1200	Gravity Station 155	-3200
-1200		-4000
-1250		-4000
-1250		-4000
-1250		-3500
-1300		-3000
-1300		-2800
-1300		-2300
-1250		-2050
-1350		-2000
-1350		-1900
-1450		-1850
-1400		-1900
-1500		-1850
-1500		-1700
-1550		-1750
-1600		-1700
-1650		-1700
-1750		-1650

Gravity Station 156

078

-1700	-1450
-1650	-1500
-1900	-1550
-1700	-1500
-1650	-1350
-1700	-1450
-1500	-1400
-1600	-1450
-1550	-1400
-1600	-1500
-1550	-1600
-1500	-1450
-1500	-1500
-1500	-1550
-1500	-1500
-1500	-1550
-1500	-1500
-1450	-1500
-1600	-1550
-1600	-1550
-1550	-1500
-1600	-1550
-1600	-1500
-1600	-1550
-1600	-1550
-1600	-1500
-1550	-1500
-1550	-1600
-1600	-1500
-1600	-1550
-1550	-1500
-1600	-1500
-1600	-1500
-1550	-1500
-1500	-1500
-1550	-1500
-1600	-1550
-1600	-1525
-1550	-1400

079

-1350		-1500
-1400		-1500
-1300		-1600
-1300		-1500
-1350		-1500
-1300		-1500
-1500	Gravity Station 160	-1400
-1300		-1300
-1300		-1400
-1300		-1400
-1300		-1200
-1500		-1300
-1400		-1400
-1300		-1300
-1300		-1300
-1300		-1300
-1400		-1250
-1300		-1200
-1400		-1250
-1300		-1200
-1400		-1250
-1300		-1200
-1300		-1250
-1350		-1200
-1400		-1200
-1350		-1250
-1300		-1250
-1350		-1300
-1350		-1400
-1400		-1300
-1300		-1300
-1300		-1400
-1500		-1400
-1600		-1450
-1500		-1500
-1500	Gravity Station 161	-1450
-1450		-1500

Gravity Station 162

080

-1500	- 630
-1500	- 920
-1500	- 810
-1500	- 620
-1400	- 310
-1500	- 560
-1500	- 870
-1500	- 840
-1500	- 660
-1550	- 240
-1450	+ 120
-1450	- 970
-1500	- 990
-1300	- 960
-1600	- 670
-1400	- 780
-1400	- 840
-1600	- 840
-1400	- 750
-1500	- 600
-1400	- 530
-1300	- 550
-1450	- 560
-1400	- 640
-1500	- 240
-1500	0
-1500	+ 180
-1500	- 90
-1450	- 580
-1500	- 580
-1450	- 300
	- 140
	- 90
South Cape Spur 6	- 260
8/12/80	- 200
-1800	- 480
- 680	- 500
- 690	- 540
- 590	- 640
- 830	

Gravity Station 10

Gravity Station 217

Gravity Station 76

081

- 420	- 640
- 450	- 700
+ 100	- 920
- 400	-1200
- 630	-1300
- 900	-1300
- 780	-1325
- 400	-1300
+ 80	-1250
+ 600	-1225
+ 50	-1100
- 480	- 680
- 600	- 780
- 840	- 430
- 740	- 420
- 800	- 480
- 840	- 610
- 760	- 780
- 510	- 880
- 200	- 840
+ 100	- 620
- 80	- 340
+ 80	- 660
- 560	- 810
- 520	- 810
- 520	- 700
- 420	- 640
- 400	- 480
- 340	- 220
- 380	- 400
- 160	- 520
- 260	- 580
- 250	- 620
- 200	- 480
- 300	- 520
- 160	- 480
- 460	- 620
- 460	- 640
- 520	- 380
- 580	+ 200

Gravity Station 218

Gravity Station 219

Fork in Spur 6  
Left Fork

082

- 0		+ 40
- 20		- 80
- 280		- 300
- 440		- 500
- 330		- 620
- 370		- 570
- 580		- 640
- 760		- 680
- 700		- 680
- 740		- 760
- 620		- 760
- 520		- 640
- 40		-1000
- 220		- 700
- 60	Gravity Station 225	- 880
+ 240		- 830
- 60		- 590
- 500		- 720
- 480		- 790
- 500		- 820
- 260		- 460
- 120		- 360
+ 180		- 500
+ 340		- 500
+ 320		- 20
-250		-1100
- 60		- 280
-1450		- 590
+ 720		- 550
- 260		- 620
- 320		- 700
- 300		- 580
- 620		-1200
- 700		-1500
- 720	G.S. 226 - End of left	-1200
- 620	fork. Fork in spur 6	- 800
- 200	Right Fork.	- 880
- 20		- 780

- 740
- 650
- 660
- 680
- 660
- 680
- 620
- 640
- 520
- 600
- 640
- 640
- 620
- 580
- 500
- 660
- 660
- 400
- 540
- 400
- 580
- 440
- 330
- 300
- 320
- 180
- 720
- 960
- 540
- 540
- 660
- 620
- 600
- 620
- 620
- 800
- 840
- 840
- 720
- 550

Gravity Station 222

- 700
- 500
- 350
- 300
- 400
- 400
- 380
- 420
- 460
- 540
- 320
- 540
- 680
- 480
- 580
- 640
- 700
- 770
- 660
- 640
- 680
- 440
- 760
- 720
- 850
- 880
- 720
- 760
- 620
- 350
- 500
- 320
- + 20
- 60
- 60
- 150
- 140
- 1800

right  
 End of / fork GS 224  
 Gravity Station 76

084

- 1200
- 860
- 800
- 720
- 840
- 900
- 910
- 920
- 920
- 900
- 890
- 920
- 980
- 1150
- 1225
- 1250
- 1050
- 820
- 940
- 820
- 1350
- 540
- 650
- 460
- 480
- 680
- 840
- 760
- 740
- 730
- 750
- 980
- 1200
- 1300
- 1300
- 1400
- 1350
- 1350
- 1450
- 1450
- 1500

Gravity Station 84

- 1400
- 1400
- 1400
- 1400
- 1250
- 1200
- 1200
- 1250
- 1250
- 1300
- 1350
- 1225
- 1250
- 1200
- 1200
- 1150
- 1250
- 1300
- 1300
- 1200
- 1150
- 1200
- 1200
- 1200
- 1200
- 1200
- 1250
- 1200
- 1250
- 1150
- 1000
- 1175
- 1200
- 1200
- 1175
- 1175
- 1175
- 1150
- 1200
- 1200
- 1225

Gravity Station 86

085

-1300		- 980
-1225		-1000
-1275		- 990
-1200		-1125
-1250		-1125
-1300	Gravity Station 87	-1075
-1200		-1075
-1125		-1125
-1050		-1100
- 940		-1100
- 940		-1225
- 960		-1150
- 880		-1100
- 860		-1050
- 860		-1200
- 880		-1125
- 860		-1200
- 770		-1100
- 830		-1200
- 970		-1250
- 890		-1175
- 810		-1200
- 780		-1200
- 710		-1100
- 770		-1125
- 740		-1175
- 950		-1150
- 820		-1050
- 780		-1050
- 820		-1150
- 820		-1200
- 840		-1250
- 880		-1200
- 910		-1200
- 980	Gravity Station 88	-1200
- 960		-1200
- 960		-1200
- 980		-1150
- 950		-1200
- 990		-1200

086

-1200		-1100	
-1175		-1100	
-1200		-1150	
-1225		-1150	Gravity Station 91
-1200		-1200	
-1150		-1400	
-1050		-1500	
-1150		-1200	
-1050		-1150	
-1200		-1150	
-1200		-1200	
-1100		-1150	
-1225		-1125	
-1300	Gravity Station 90	-1150	
-1150		-1200	
-1150		-1125	
-1250		-1100	
-1150		-1200	Gravity Station 92
-1200			End of road
-1200			
-1150		-1050	Gravity Station 47
-1175		- 700	Gravity Station 1
-1200			
-1150			
-1175			
-1200			
-1150			
-1150			
-1150			
-1150			
-1100			
-1100			
-1100			
-1100			
-1125			
-1200			
-1150			
-1200			
-1200			
-1200			

Recherche Turnoff

5/2/80

-530  
-670  
-540  
-250  
-380  
-340  
-360  
-320  
-350  
-340  
-330  
-240  
-300  
-290  
-300  
-320  
-290  
-320  
-180  
-280  
-320  
-360  
-320  
-320  
-360  
-350  
-360  
-350  
-310  
-340  
-350  
-260  
-370  
-370  
-330  
-420  
-430  
-410  
-440  
-420  
-360  
-380  
-430  
-420  
-460  
-440  
-480  
-470  
-480  
-460  
-430  
-440  
-580  
-480  
-480  
-490

Gravity Station 47

-480  
-280  
-410  
-260  
-340  
-340  
-360  
-420  
-110  
-200  
-180  
-110  
-160  
-0  
-20  
-290  
-290  
-260  
-260  
-140  
-130  
-110  
-210  
-30  
-170  
-210  
-190  
-170  
-180  
-120  
-320  
-310  
-320  
-310  
-290  
-290  
-340  
-350  
-430  
-420  
-470  
-460  
-460  
-440  
-410  
-40  
-250  
-530  
-670  
-590  
-490  
-670  
-780  
+1550  
-330

Gravity Station 94

" " 93

Gravity Station 95

088

-450		-910
-440		-850
-550		-870
-380		-830
-550		-930
-330		-780
-410		-750
-580	Gravity Station 96	-740
-480		-700
-580		-700
-660		-580
-640		-580
-360		-670
-220		-670
-380		-660
-430		-640
-540		-630
-580		-640
-660		-620
-490		-630
-640		-640
-660		-630
-1150		-620
-1100		-660
-900		-620
-680		-650
-800		-700
-880		-720
-680		-620
-960		-600
-1250		-560
-1125		-620
-880		-650
-1300		-660
-1125		-720
-630		-670
-740		-650
-730		-660
-910		-670
-1300		-700
-1300	Gravity Station 98	-700
-1225		-710
-1250		-730
-1225		-710
-1175		-730
-1150		-780
-1175		-770
-1100		-790
-1125		-790
-1125		-770
-1075		-620
-920		-810
-910		-800
-920		-840
-890		-850
-880		-880
-910		-900

Gravity Station 99

Gravity Station 100

-880  
 -920  
 -910  
 -950  
 -940  
 -900  
 -840  
 -980  
 -990  
 -950  
 -910  
 -940  
 -960  
 -940  
 -1150  
 -1125  
 -1150  
 -1150  
 -1150  
 -1125  
 -1150  
 -1100  
 -1150  
 -1150  
 -1175  
 -1125  
 -1200  
 -1225  
 -1250  
 -1225  
 -1300  
 -1300  
 -1300  
 -1350  
 -1400  
 -1500  
 -1550  
 -1550  
 -1450  
 -1100  
 -790  
 -1000  
 -1450  
 -1600  
 -1375  
 -1250  
 -1300  
 -820  
 -530  
 -710  
 -480  
 -460  
 -720  
 -820  
 -770  
 -480  
 -380

Gravity Station 101

Gravity Station 102  
Gravity Station 102

+70  
 -160  
 -640  
 -600  
 -540  
 -200  
 -340  
 -130  
 -220  
 + 60  
 -220  
 -500  
 -340  
 -400  
 -310  
 -200  
 +180  
 -60  
 -400  
 0  
 + 20  
 - 40  
 -190  
 -200  
 -140  
 -110  
 -410  
 -400  
 -400  
 -560  
 -380  
 -420  
 -300  
 -320  
 -350  
 -550  
 -530  
 -210  
 + 60  
 +140  
 +150  
 +110  
 - 80  
 -270  
 -400  
 -370  
 -420  
 -480  
 -520  
 -440  
 -240  
 -190  
 -250  
 -100  
 - 10  
 -260  
 -530

Gravity Station 103

090

-680  
 -640  
 -640  
 -420  
 +380  
 -330  
 -880  
 -980  
 -970  
 -680  
 -580  
 -440  
 -620  
 -720  
 -310  
 + 50  
 +340  
 +660  
 -130  
 -510  
 -460  
 -170  
 +1400  
 -1625  
 -1425  
 + 30  
 +200  
 -1175  
 +100  
 +80  
 -210  
 0  
 -420  
 -260  
 -280  
 -240  
 -360  
 -230  
 -50  
 -80  
 -20  
 -220  
 -40  
 -80  
 -200  
 -330  
 -390  
 -320  
 -280  
 -300  
 -330  
 -540  
 -460  
 -660  
 -690  
 -630  
 -450  
 -380

Gravity Station 105

Gravity Station 106

-420  
 -320  
 -300  
 -160  
 -120  
 -280  
 -330  
 -420  
 -640  
 -820  
 -1200  
 -1250  
 -1350  
 -1375  
 -1175  
 -960  
 -860  
 -940  
 -860  
 -860  
 -860  
 -860  
 -860  
 -720  
 -720  
 -890  
 -250  
 -240  
 -120  
 -130  
 -230  
 +110  
 -510  
 -580  
 -680  
 -630  
 -660  
 -580  
 -150  
 -610  
 -680  
 -720  
 -830  
 -980  
 -1200  
 -1250  
 -1400  
 -1400  
 -1425  
 -1375  
 -1400  
 -1250  
 -640  
 -700  
 -800  
 -740  
 -560  
 -140

Gravity Station 107

Gravity Station 108

160

+280		-890
+550		-600
+520		-620
+800		-260
+1475		-580
+1500		-660
+320		-790
-110		-960
-380		-810
-540		-730
-460		-720
-810		-720
-980		-340
-1225		-490
-1425		-500
-1300		-960
-850		- 10
-860		-350
-720	Gravity Station 109	-290
-740		-590
-440		-440
-560		-620
-560		-380
-220		-300
-820		-50
-820		-70
-420		-360
-1500		-430
-1600		-580
-1350		-300
-1350		-430
-1450		+160
-1350		+180
-780		+500
-800		+610
-260		+120
-490		+ 20
-230		-480
+2200		-220
+10		-80
-160		+160
-470		-140
-760		+260
-860		-120
-600		-2650
-680		-890
-1675		-680
-1200		-410
-1350		-500
-1275	Gravity Station 110	-500
-1025		-860
-690		-970
-690		-960
-1000		-200
-980		-1800

Gravity Station 111

Gravity Station 112

092

-200  
 +600  
 -180  
 -770  
 -600  
 -640  
 -370  
 +420  
 +880  
 -60  
 +880  
 -480  
 -640  
 -580  
 -550  
 -600  
 -580  
 -420  
 -660  
 -510  
 -330  
 -720  
 -1000  
 -1400  
 -110  
 -540  
 -800  
 -880  
 -980  
 -980  
 -980  
 -760  
 -820  
 -400  
 -690  
 -920  
 -900  
 -700  
 -940  
 -1225  
 -1025  
 -1325  
 -1325  
 -1225  
 -1350  
 -1350  
 -1200  
 -1250  
 -890  
 -850  
 -970  
 -1400  
 -870  
 -860  
 -880  
 -960  
 -760

## Gravity Station 113

-280  
 -260  
 -780  
 -760  
 -1000  
 -680  
 -910  
 -910  
 -780  
 -920  
 -980  
 -440  
 -980  
 -500  
 -570  
 -460  
 -360  
 -40  
 -50  
 +350  
 -460  
 -640  
 -280  
 -460  
 -620  
 -640  
 -580  
 -420  
 -700  
 -720  
 -640  
 -320  
 -30  
 -210  
 +300  
 -360  
 -1760  
 -1200  
 -950  
 -710  
 -630  
 -680  
 -680  
 -900  
 -1000  
 -760  
 -680  
 -2450  
 -4200  
 -200  
 -350  
 +1700  
 -320  
 -190  
 -220  
 -400  
 -440

## Gravity Station 114

## Gravity Station 115

093

-300  
-480  
-980  
-1350  
-1250  
-40  
-280  
-630  
+40  
-580  
-840  
-780  
-860  
-820  
-880  
-220  
-440  
-630  
-560  
-730  
-930  
-980  
-600  
-450  
-520  
-860  
-960  
-880  
-780  
-820  
-880  
-680  
-620  
-600  
-740  
-720  
-700  
-460  
-240  
-860  
-1125  
-780  
-580  
-620  
-520  
-200  
-350  
-660  
-860  
-1200  
-840  
-420  
-300  
-380  
-330

Gravity Station 117

-430  
-360  
-570  
-620  
-720  
-880  
-780  
-700  
-820  
-840  
-660  
-460  
-660  
-960  
-1075  
-800  
-820  
-740  
-920  
-1250  
-280  
-1000  
-620  
-450  
-1650  
-1125  
-750  
-680  
-860  
-320  
-760  
-790  
-600  
-1450  
-500  
-1000  
-960  
-740  
-700  
-850  
-1200  
-630  
-760  
-1850  
-560  
-1200  
-1500  
-1600  
-780  
-940  
-1200  
-1250  
-420  
-300  
-520

Gravity Station 118

Gravity Station 119

094

-560  
 -500  
 -740  
 -730  
 -880  
 -1000  
 -1100  
 -1250  
 -1325  
 -660  
 -730  
 -500  
 -960  
 -600  
 -650  
 -880  
 -1300  
 -780  
 +100  
 -480  
 -960  
 -320  
 -940  
 -800  
 -740  
 -800  
 -680  
 -700  
 -760  
 -920  
 -960  
 -1025  
 -1075  
 -820  
 -1000  
 -920  
 -780  
 -900  
 -1200  
 -1200  
 -1150  
 -1000  
 -840  
 -840  
 -860  
 -720  
 -740  
 -780  
 -800  
 -780  
 -820  
 -1000  
 -840  
 -820  
 -780  
 -900

Gravity Station 120

-1225  
 -1100  
 -1000  
 -1050  
 -1100  
 -1025  
 -800  
 -500  
 -580  
 -700  
 -860  
 -780  
 -680  
 -960  
 -780  
 -600  
 -980  
 -900  
 -900  
 -720  
 -540  
 -360  
 -840  
 -800  
 -840  
 -840  
 -1000  
 -780  
 -860  
 -910  
 -1500  
 -1250  
 -1275  
 -1550  
 -1400  
 -1350  
 -1200  
 -1150  
 -780  
 -210  
 -100  
 -40  
 - 0  
 -440  
 -630  
 -380  
 -510  
 -1800  
 -560  
 -800  
 -740  
 -600  
 -450  
 -480  
 -720  
 -820

Gravity Station 122

Gravity Station 123

095

-940		
-840	Gravity Station 124	-1050
-560	Gravity Station 47	-1050
-200	Gravity Station 1	-1100
		-1050
6/12/80		-1100
-980	Gravity Station 124	-1250
-700		-1850
-800		-1200
-960		-1050
-1175		-960
-1400		-1200
-1650		-1050
-1550		-1200
-1150		-1200
-900		-1200
-520		-1200
-1350		-1200
-1500		-1200
-1550		-1550
-1500		-1450
-1425		-1200
-1500		-1200
-1425		-1100
-1600		-1100
-1650		-1100
-1550		-1200
-1550		-1250
-1450		-1250
-1150		-1150
-1100		-1100
-1100		-1150
-1050		-1100
-880		-1000
-840		-1050
-820		-1050
-850		-810
-940		-620
-820		-330
-900		-150
-940		-600
-960		-810
-900		-870
-940		-760
-960		-990
-1000		-560
-1100		-460
-1100		-580
-1150		-880
-1200		-960
-1100		-1100
-1125		-1125
-1100		-1050
-1100		-150

Gravity Station 126

Gravity Station 127

Stoney Bight tramway going east

-350		-1025
-400		-540
-360		-240
-40		-300
-250		-40
-700		-180
-750		-360
-200		-580
-130		-360
-700		-300
-590	Stony Bight tramway	-260
-480	going west	-200
-660		-240
-700		-200
-800		0
-1100		0
-1050		-280
-820		-160
-850		-380
-1400		-360
-1850		-480
-1300		-360
-1400		-420
-1350		-100
-1225		-320
-820		-440
-1100		-520
-1100		-540
-690		-330
-810		-200
-900		-260
-840		-340
-860		-520
-780		-660
-960		-560
-820		-720
-680		-800
-1350		-900
-1900		-720
-1250		-720
-1750		-670
-1300		-600
-860		-880
-590		-760
-700		-700
-1300		-700
-420		-780
+230		-800
+180		-820
-1050		-760
-1200		-740
-1050		-620
-1100		-520
-690		-700
-840		-740
-1125		-760

097

-800	-1200	
-740	-1300	
-780	-1100	
-780	-1100	
-660	-1100	
-780	-1300	
-890	-1450	
-1100	-1500	
-1100	-1500	
-1150	-1400	
-1250	-1400	
-1300	-1500	
-1350	-1450	
-1400	-1550	
-1375	-1400	
-1400	-1300	
-1300	-1350	
-1250	-1550	
-1300	-1550	
-1250	-1650	South Cape Road
-1100	-730	Start point
-1200	-510	Gravity Station 47
-1100	-220	Gravity Station 1
-1050		
-1200	7/12/80	
-1250	0	Gravity Station 1
-1200	-450	Gravity Station 47
-1350	-940	Gravity Station 96
-1200	-950	
-1350	-1275	
-1450	-740	
-1450	-1100	
-1050	-1100	
-1275	-1050	
-1075	-1100	
-1100	+ 500	
-1150	-1150	
-1100	-1250	

098

-1100	- 580
-1200	- 560
-1350	- 360
-1200	- 130
-1100	- 240
-1100	- 120
-1200	- 220
-1150	- 340
-1100	- 400
-1050	- 580
- 650	- 540
- 800	- 320
-920	- 280
- 910	- 200
- 950	- 240
-1200	- 370
-1200	- 480
-1300	- 560
-1250	- 540
-1350	- 300
-1300	- 360
-1300	- 320
-1450	- 340
-1450	- 300
-1150	- 330
-1200	- 280
- 760	- 280
-900	- 200
-950	- 200
- 830	- 140
- 850	- 220
- 820	- 300
- 570	- 320
- 560	- 400
- 700	- 380
- 680	- 360
- 830	- 520
- 900	- 500
- 730	- 480
- 560	- 520

099

- 560
- 540
- 560
- 580
- 600
- 600
- 690
- 600
- 740
- 620
- 540
- 560
- 540
- 720
- 700
- 660
- 540
- 540
- 580
- 580
- 540
- 960
- 660
- 680
- 720
- 660
- 630
- 640
- 600
- 660
- 660
- 840
- 650
- 670
- 740
- 600
- 560
- 560
- 630
- 600

Gravity Station 131

- 530
- 600
- 580
- 480
- 520
- 540
- 580
- 610
- 560
- 460
- 480
- 600
- 600
- 630
- 560
- 520
- 580
- 540
- 500
- 540
- 520
- 520
- 530
- 500
- 480
- 540
- 510
- 580
- 640
- 640
- 590
- 640
- 620
- 630
- 720
- 720
- 720

100

- 780		- 480
- 760		- 450
- 700	Gravity Station 133	- 460
- 720		- 510
- 840		- 500
- 850		- 480
- 700		- 440
- 780		- 500
- 840		- 520
- 740		- 450
- 640		- 480
- 620		- 460
- 630		- 460
- 630		- 400
- 640		- 430
- 720		- 560
- 700		- 420
- 680		- 480
- 660		- 400
- 740		- 530
- 620		- 310
- 760		- 350
- 800		- 310
- 780		- 310
- 840		- 410
- 740		- 410
- 740		- 480
- 800		- 460
- 800		- 600
- 780		- 580
- 760		- 620
- 700		- 680
- 710		- 720
- 760		- 780
- 680		- 770
- 600		- 680
- 600		- 600
- 570		- 730
- 600		- 700
- 650		- 700
- 520		- 700

Gravity Station 135

101

- 540		-1200
- 460		-1150
- 530	Gravity Station 136	-1200
- 400		-1150
- 100		-1200
- 230		-1150
- 520		-1100
- 540		-1100
- 520		-1125
- 460		-1125
- 540		-1050
- 480		- 960
- 380		- 890
- 490		- 920
- 580		-1200
- 680		-1150
- 700		-1150
- 730		-1150
- 740		-1150
- 760		-1050
- 880		-1050
- 740		-1200
- 940		-1100
- 950		-1050
- 980		- 830
-1000		- 940
- 980		-1000
- 990		- 930
- 940		- 980
- 780	Gravity Station 137	- 970
- 940		- 960
-1250		- 950
-1300		- 980
-1050		- 990
-1075		- 860
-1050		-1150
-1050		-1200
-1100		-1250
-1200		-1200
-1200		-1200
-1150		-1250
-1150		

Gravity Station 138

207

-1250	-1350
-1225	-1400
-1200	-1450
-1200	-1450
-1150	-1400
-1200	-1450
-1150	-1400
-1100	-1350
-1200	-1450
-1200	-1350
-1150	-1300
-1150	-1350
-1100	-1450
-1150	-1400
-1100	-1300
-1050	-1400
-1050	-1250
-1200	-1350
-1250	-1400
-1300	-1250
-1200	-1250
-1300	-1250
-1300	-1400
-1200	-1350
-1300	-1450
-1300	-1400
-1150	-1400
-1150	-1200
-1250	-1400
-1150	-1450
-1250	-1550
-1225	-1400
-1250	-1350
-1400	-1100
-1450	- 840
-1400	- 700
-1450	-640
-1500	- 720
-1500	- 700
-1500	- 720
-1450	- 620

Gravity Station 141

Gravity Station 142

103

- 700	- 720
- 740	- 800
- 760	- 820
- 820	- 820
- 780	- 840
- 740	- 870
- 720	- 850
- 740	- 800
- 700	- 730
- 760	- 700
- 700	- 750
- 680	- 760
- 700	- 780
- 700	- 760
- 540	- 820
- 600	- 800
- 600	- 860
- 640	- 820
- 630	- 800
- 720	- 860
- 660	- 720
- 620	- 730
- 620	- 840
- 700	- 800
- 660	- 680
- 700	- 800
- 640	- 840
- 700	- 840
- 660	- 840
- 810	- 760
- 870	- 700
- 740	- 840
- 760	- 760
- 820	- 800
- 800	- 800
- 810	- 800
- 820	- 640
- 860	- 680
- 860	- 780
- 620	- 820

Gravity Station 145

- 780
- 710
- 660
- 630
- 600
- 600
- 620
- 620
- 620
- 670
- 560
- 560
- 610
- 630
- 670
- 640
- 680
- 670
- 660
- 600
- 640
- 660
- 680
- 750
- 800
- 810
- 780
- 840
- 880
- 840
- 790
- 850
- 780
- 820
- 870
- 730
- 620
- 720
- 800
- 860
- 820

Gravity Station 33

- 690
- 580
- 480
- 530
- 500
- 510
- 550
- 570
- 640
- 720
- 600
- 600
- 660
- 680
- 700
- 620
- 520
- 440
- 540
- 600
- 320
- +20,500
- +5000
- 6000
- 3800
- 750
- 520
- 540
- 510
- 560
- 540
- 500
- 260
- 240
- 10
- 160
- 580
- 720
- 740
- 760
- 740

Gravity Station 35

105

- 780		-1075
- 800		-1100
- 810		-1175
- 810		-1075
- 800		-1100
- 780		-1150
- 820		-1250
- 780		-1150
- 820		- 900
- 820		- 980
- 880		- 970
- 860		- 830
- 880		- 900
- 850		- 860
- 840		- 980
- 840		-1200
- 880		- 760
- 880		- 880
- 870		- 880
- 880		- 880
- 880		- 900
- 880	Gravity Station 36	- 860
- 910		- 890
- 910		- 990
- 920		-1425
- 920		-1250
- 850		-1250
- 940		- 980
- 880		-1650
- 870		-1400
- 940		- 880
- 840		- 730
- 920		- 880
- 840		- 780
- 880		- 880
- 890		- 850
- 980		-1525
- 950		-1325
- 970		- 800
-1150		

Gravity Station 37

106

- 830		- 570
- 840		- 510
- 800		- 500
- 780		- 530
- 700	Gravity Station 38	- 650
- 760		- 650
- 820		- 610
- 780		- 540
- 750		- 560
- 770		- 540
- 730		- 570
- 720		- 430
- 730		- 520
- 700		- 500
- 690		- 540
- 730		- 510
- 810		- 490
- 850		- 500
- 810		- 560
- 820		- 660
- 760		- 670
- 720		- 640
- 760		- 680
- 750		- 640
- 800		- 750
- 820		- 880
- 820		- 840
- 730		- 860
- 760		- 850
- 730		- 870
- 760		- 790
- 780		- 790
- 720		- 810
- 760	Gravity Station 39	- 810
- 650		- 850
- 610		- 880
- 580		- 580
- 520		- 870
- 620		- 860
- 600		- 870

Gravity Station 40

107

- 870		-1275
- 840		-1200
- 820		-1250
- 760		-1250
- 800		-1325
- 800		-1400
- 780		-1400
- 740		-1350
- 760		-1400
- 780		-1325
- 790		-1500
- 820		-1300
- 810		-1375
- 820		-1425
- 860		-1350
- 880	Gravity Station 41	-1300
- 820		-1275
- 820		-1225
- 810		-1225
- 820		-1175
- 820		-1200
- 840		-1200
- 830		-1200
- 800		-1225
- 820		-1175
- 820		-1225
- 780		-1225
- 760		-1225
- 780		-1225
- 730		-1225
- 520		-1225
- 730		-1250
- 820		-1225
- 800		-1200
- 860		-1225
- 830		-1225
- 830		-1200
- 840		-1225
- 950	-1350	-1200
-1300		-1200

Gravity Station 42

Gravity Station 43

108

-1150	-1175
-1125	-1100
-1200	-1075
-1175	-1075
-1200	- 960
-1200	- 940
-1200	- 980
-1200	- 930
-1200	- 910
-1200	- 940
-1200	- 950
-1150	- 910
-1100	- 970
-1075	- 990
-1200	- 920
-1100	- 890
-1100	- 850
-1150	- 870
- 900	- 940
- 860	- 900
- 990	- 940
- 980	- 800
- 850	- 960
-1150	-1050
- 660	- 920
- 840	- 900
- 880	- 900
- 970	- 910
- 950	- 890
- 930	- 880
- 970	- 880
-1100	- 850
-1150	- 880
-1025	- 830
-1100	- 720
-1125	- 620
-1175	- 630
-1175	- 960
-1225	- 970
-1175	- 940
-1200	- 900

Gravity Station 44

Gravity Station 45

- 880
- 860
- 900
- 860
- 780
- 840
- 890
- 840
- 880
- 980
- 1000
- 820
- 840
- 800
- 870
- 860
- 800
- 900
- 830
- 800
- 780
- 880
- 900
- 910
- 700
- 770
- 740
- 690
- 680
- 770
- 830
- 660
- 800
- 700
- 680
- 800
- 620

Gravity Station 46

Gravity Station 47

- 550
- 510
- 620
- 560
- 540
- 610
- 600
- 620
- 550
- 580
- 590
- 710
- 590
- 550
- 620
- 450
- 560
- 640
- 610
- 430
- 600
- 630
- 740
- 660
- 630
- 650
- 580
- 700
- 720
- 4/12/80
- 330
- 1525
- 770
- 800
- 1325
- 1325
- 1125

Gravity Station 48

Gravity Station 1

Gravity Station 9

Gravity Station 47

Gravity Station 48

-1200		-1325
- 650		-1250
- 670		-1400
- 710		-1150
- 780		-1350
- 800		-1350
- 760		-1225
- 730		-1300
- 900		-1300
- 830		-1250
- 780		-1225
- 800		-1325
- 950		-1225
- 890		-1350
- 920		-1100
- 850		- 860
-1050		- 840
-1000		- 880
-1150		- 720
-1150		- 820
-1100		- 910
-1150		- 890
-1100		-1150
-1200		-1325
-1125		-1150
-1175		-1250
- 850	Gravity Station 49	-1200
- 830		-1100
- 790		-1100
- 770		-1050
- 760		-1100
- 970		-1075
- 880		-1025
-1250		-1100
-1700		-1050
-1300		-1050
-1250		-1150
		-1050
		-1125

Gravity Station 50

## Gravity Station 52

111

-1150	-1100
-1125	-1100
-1050	-1200
-1175	-1000
-1250	-1200
-1200	-1275
-1100	-1175
-1050	-1100
-1150	-1050
- 840	-1100
- 850	-1225
- 790	- 770
- 820, -910	- 830
- 830	- 750
- 880	- 730
- 990	- 690
-1250	- 710
-1150	- 690
-1225	- 730
-1100	- 820
-1125	- 820
-1075	- 580
- 800	- 10
- 900	- 940
- 920	- 960
- 880	- 930
- 940	- 980
- 870	- 960
- 980	- 840
-1175	- 920
-1025	- 760
-1050	- 820
- 780	- 930
- 870	- 960
- 880	- 710
- 750	- 610
- 900	- 750
- 960	- 510
- 940	- 700
- 960	- 760

## Gravity Station 51

- 680	- 780
- 720	- 840
- 650	- 840
- 640	- 760
- 600	- 720
- 580	- 780
- 580	- 760
- 550	- 960
- 500	- 730
- 630	- 700
- 530	- 740
- 400	- 760
- 300	- 760
- 510	- 770
- 770	- 680
- 760	- 820
- 760	- 810
- 800	- 890
- 790	- 830
- 720	- 870
- 620	- 780
- 490	- 720
- 680	- 720
- 800	- 580
- 800	- 780
- 770	-1100
- 560	- 660
- 640	- 670
- 530	- 700
- 530	- 730
- 550	- 680
- 650	- 720
- 720	- 690
- 760	- 670
- 900	- 710
- 900	- 680
- 880	- 640
- 680	- 680
- 800	- 570
- 780	- 720

Gravity Station 55

Gravity Station 54

Gravity Station 56

113

- 680		- 660
- 780		- 560
- 700		- 610
- 700		- 570
- 660		- 550
- 800		- 610
- 740		- 710
- 700		- 700
- 730		- 600
- 640		- 660
- 680		- 620
- 760		-1325
- 780		- 690
- 720		- 500
- 690		- 700
- 740		- 700
- 620		- 740
- 730		- 710
-1425		- 700
- 670		- 770
- 540	Gravity Station 57	- 710
- 620		- 740
- 550		- 700
- 820		- 720
- 730		- 790
- 920		- 740
- 620		- 760
- 730		- 800
- 680		- 780
- 740		- 740
-1000		- 800
- 490		- 760
- 550		- 740
- 600		- 720
- 740		-1500
- 560		- 760
- 690		- 720
- 610		- 690
- 710		- 800

Gravity Station 58

Gravity Station 58

114

- 800
- 840
- 780
- 820
- 830
- 780
- 800
- 800
- 820
- 680
- 780
- 700
- 720
- 800
- 800
- 740
- 860
- 880
- 840
- 820
- 800
- 800
- 780
- 880
- 740
- 860
- 850
- 810
- 800
- 820
- 840
- 980
- 800
- 850
- 790
- 770
- 840
- 860

Gravity Station 59

Gravity Station 60

- 860
- 800
- 840
- 760
- 850
- 840
- 840
- 780
- 820
- 860
- 800
- 900
- 920
- 840
- 840
- 910
- 950
- 940
- 950
- 1250
- 1150
- 1275
- 1225
- 1200
- 1300
- 1300
- 1250
- 1200
- 1200
- 1200
- 1225
- 1250
- 1275
- 1325
- 1325
- 1300
- 1275
- 1350

Gravity Station 61

-1375	- 920
-1425	- 930
-1425	- 910
-1300	- 840
-1375	- 910
-1375	- 940
-1475	- 900
-1325	- 920
-1275	- 920
-1275	- 900
-1375	- 930
-1375	- 890
-1275	- 880
-1200	- 940
-1225	- 960
-1275	- 770
-1175	- 890
-1175	- 870
-1075	- 920
-1125	- 990
-1125	-1175
- 860	-1150
- 920	-1175
- 900	-1150
- 870	-1150
- 890	-1150
- 910	-1200
- 850	-1175
- 700	-1100
- 820	-1100
- 830	-1100
- 910	-1050
- 840	- 920
- 810	- 960
- 800	- 940
- 720	- 940
- 880	- 900
- 940	- 860
- 980	- 720
-1000	- 820

Gravity Station 62

Gravity Station 63

Gravity Station 64

116

- 840		- 790
- 850		- 840
- 820		- 910
- 820		- 970
- 890		-1150
- 780		-1275
- 840		-1450
- 820		-1300
- 710		-1250
- 680		-1400
- 720		-1375
- 710		-1300
- 670		-1400
- 790		-1375
- 760		-1325
- 460		-1525
- 660		-1500
- 950		-1500
- 970	Gravity Station 65	-1450
- 970		-1400
- 980		-1175
- 920		- 900
- 840		- 960
- 710		-1225
- 830		-1325
- 740		-1350
- 810		-1400
- 840		-1400
- 800		-1500
- 850		-1400
- 880		-1400
- 850		-1450
- 870		-1425
- 980		-1375
-1150		-1300
-1050		-1250
- 840		-1400
- 870		-1300
- 860		-1375
- 900		-1500

Gravity Station 66

Gravity Station 67

-1400		-1300
-1375		- 930
-1275		- 640
-1175		- 580
-1150		- 430
-1125		- 740
- 860		- 680
- 760		- 680
- 590		- 990
- 350		-1350
- 320		-1400
- 540		-1250
- 640		-1275
- 760		-1200
- 840		- 870
- 980		- 930
- 870		-1200
- 880		-1225
- 800		-1250
- 760		-1300
- 820		-1175
- 810		- 500
- 700		+ 140
- 500		+ 340
- 640		-1350
- 860		-1300
-1375		-1250
-1125	Gravity Station 68	-1350
-1350		-1350
-1300		-1325
-1175		-1300
-1175		-1850
-1250		-1300
-1350		-1200
-1350		-1125
-1400		- 990
-1450		- 520
-1450		- 520
-1500		-1200
-1450		-1400

118

-1300		- 460
- 800		-3400
- 840		- 860
- 760		+ 580
- 860		-1150
- 800	Gravity Station 70	- 460
- 840		- 700
- 340		- 580
+1725		-1500
- 850		-1400
- 710		- 420
- 350		- 900
- 210		- 780
- 280		-1000
+ 350		-1225
-2050		- 880
+5300		- 660
+16000		- 910
- 160		- 900
- 650		-1000
- 950		-1100
-1300		- 840
- 810		- 600
- 930		- 980
-1350		-1200
- 640		-1400
- 140		-1325
- 380		-1100
- 500		-1100
- 440		-1075
- 940		-1125
-1300		-1075
-1850	Gravity Station 71	-1100
-2200	Gravity Station 71	-1425
-2000		-1125
-2000		-1100
-1400		-1075

Gravity Station 72

119

-1150		-1450
-1275		-1625
-1450		-1675
-1650		-1100
-1700		- 580
-1650		-1275
-1425		-1375
- 480		-1375
- 680		-1300
- 990		-1200
-1175		-1925
-1125		-1350
-1275	Gravity Station 73	-1250
+ 850		-1450
+2050		-1600
- 190		-1500
-1900		-1375
-1600		-1400
-1350		-1100
- 740		-1100
- 740		-1100
-1800		-1225
-1450		-1100
-1600		- 940
-1700		- 960
-1675		- 960
-1625		- 680
-1500		- 760
-2000		- 540
-2050		- 460
-1850		- 520
-2075		- 100
-1900		+ 380
-1650		+ 250
-1550		+ 400
-1600		- 80
-1600		+ 20
-1500		- 120
-1750		- 400
-2025		- 740

Gravity Station 74

120

- 720
- 640
- 840
- 780
- 1150
- 1125
- 740
- 920
- 220
- 100
- 300
- 740
- 600
- 580
- 480
- 120
- 820
- 830
- 870
- 1300
- 2600
- 1800
- 1200
- 1150
- 80
- +1200
- + 300
- 130
- + 450
- 80
- 600
- 710
- 580
- 560
- 560
- 500
- 630
- 780

Gravity Station 76

- 760
- 800
- 810
- 930
- 1100
- 1100
- 1150
- 1150
- 1250
- 1300
- 1500
- 1400
- 1450
- 1300
- 1200
- 1200
- 1200
- 1200
- 1200
- 1300
- 1325
- 1200
- 860
- 1300
- 1250
- 1300
- 1425
- 1500
- 1450
- 1500
- 1450
- 1400
- 1100
- 1600
- 1625
- 1450
- 1500
- 1550
- 1600

Gravity Station 77

Gravity Station 78

121

-1500		-1250
-1500		-1300
-1550		-1100
-1550		- 830
-1500		- 950
-1400		-1000
-1420		-1250
-1300		-1375
-1300		-1250
-1300		-1600
-1450		-1625
-1350		-1550
-1100		-1600
-1250		-1500
-1300		-1450
-1300		-1350
-1400		-1300
-1350		-1350
-1300		-1450
-1300		-1350
- 740		-1300
- 720		-1200
-1200		-1200
-1300		-1250
-1150		-1200
-1250		-1300
-1400	Gravity Station79	-1300
-1300		-1300
-1300		-1200
-1400		-1300
-1125		-1250
-1250		-1300
-1300		-1200
-1400		-1250
-1450		- 800
-1150		-1350
-1150		-1350
-1200		-1450
-1250		-1300
-1100		-1300

122

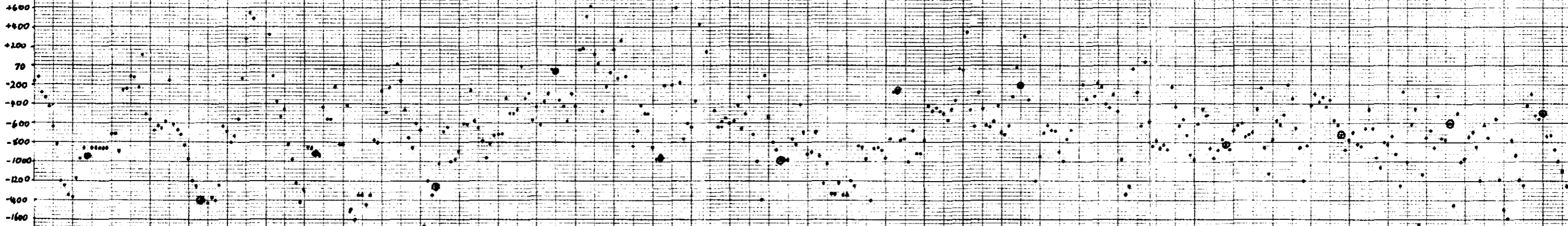
-1300	Gravity Station 81	-1200
-1300		-1200
-1500		-1125
-1300		- 840
-1200		- 790
-1300		- 620
-1350		- 620
-1500		- 800
-1650		- 730
-1550		- 600
-1500		- 580
-1450		-1200
-1450		-1200
-1450		- 740
-1450		- 780
-1500		-1500
-1400		- 300
-1350		- 590
-1250		- 700
-1100		- 800
-1200		- 980
-1150		- 570
- 880		-1250
- 880		- 840
- 820		- 500
- 920		+ 420
- 930		-1900
- 720		-1625
- 820		- 540
- 820		- 840
-1300		-1200
-1400	Gravity Station 82	-1100
-1300		+ 650
-1150		- 620
-1075		- 570
-1150		- 680
-1225		-1000
-1250		-1000
-1225		-1200



124

-GS 107 -GS 108 -GS 109 -GS 110 -GS 111 -GS 112 -GS 113 -GS 114 -GS 115 -GS 116 -GS 117 -GS 118 -GS 119 -GS 120

RECHERCHE TURN OFF



IR5

RECHERCHE TURN OFF

GS 122

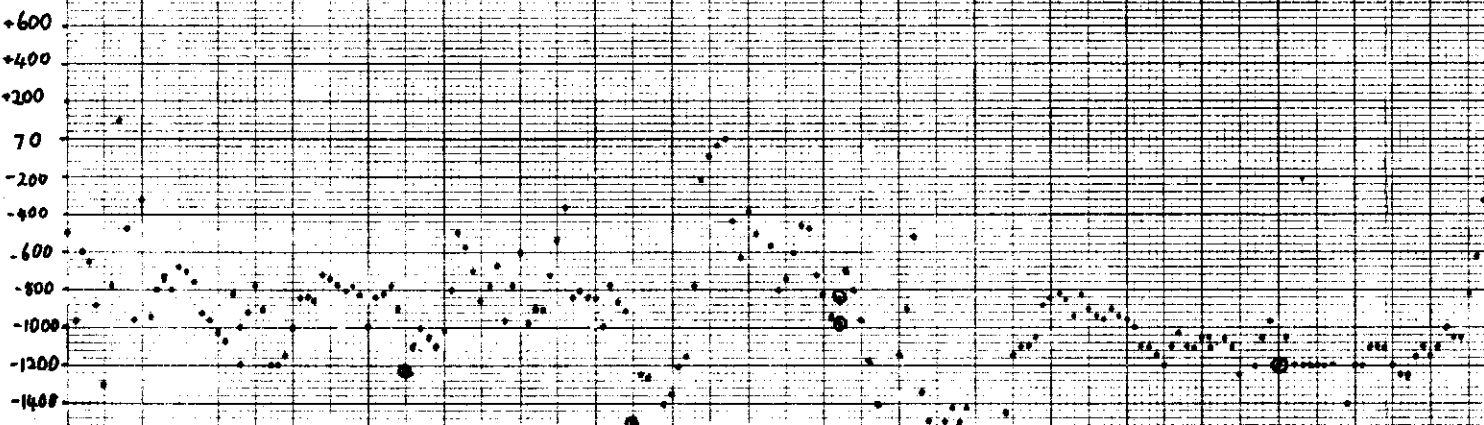
GS 123

GS 124

GS 126

GS 127

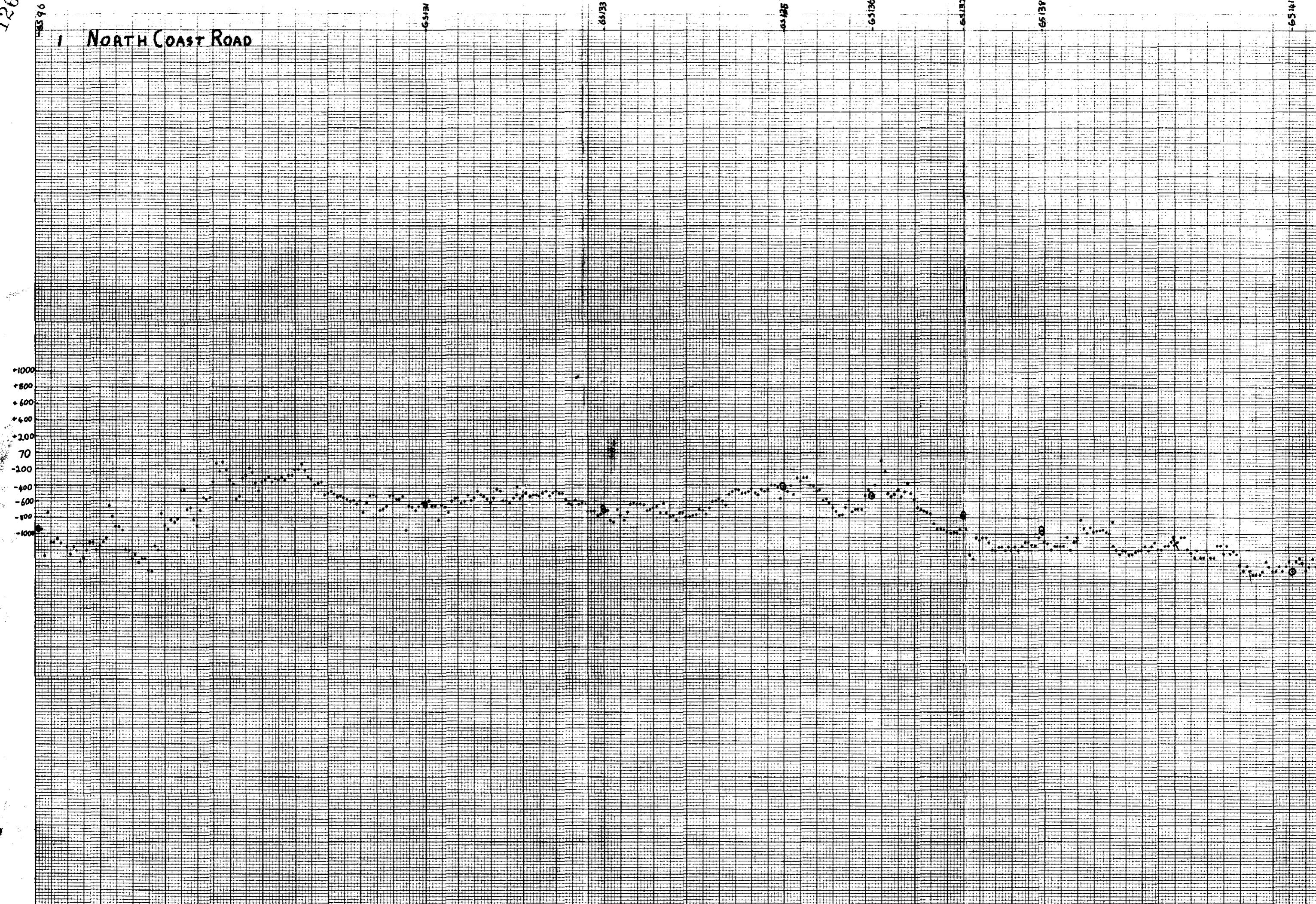
stop 6/1/50



126

008127

# 1 NORTH COAST ROAD



North Coast Road

65142

65145

65147

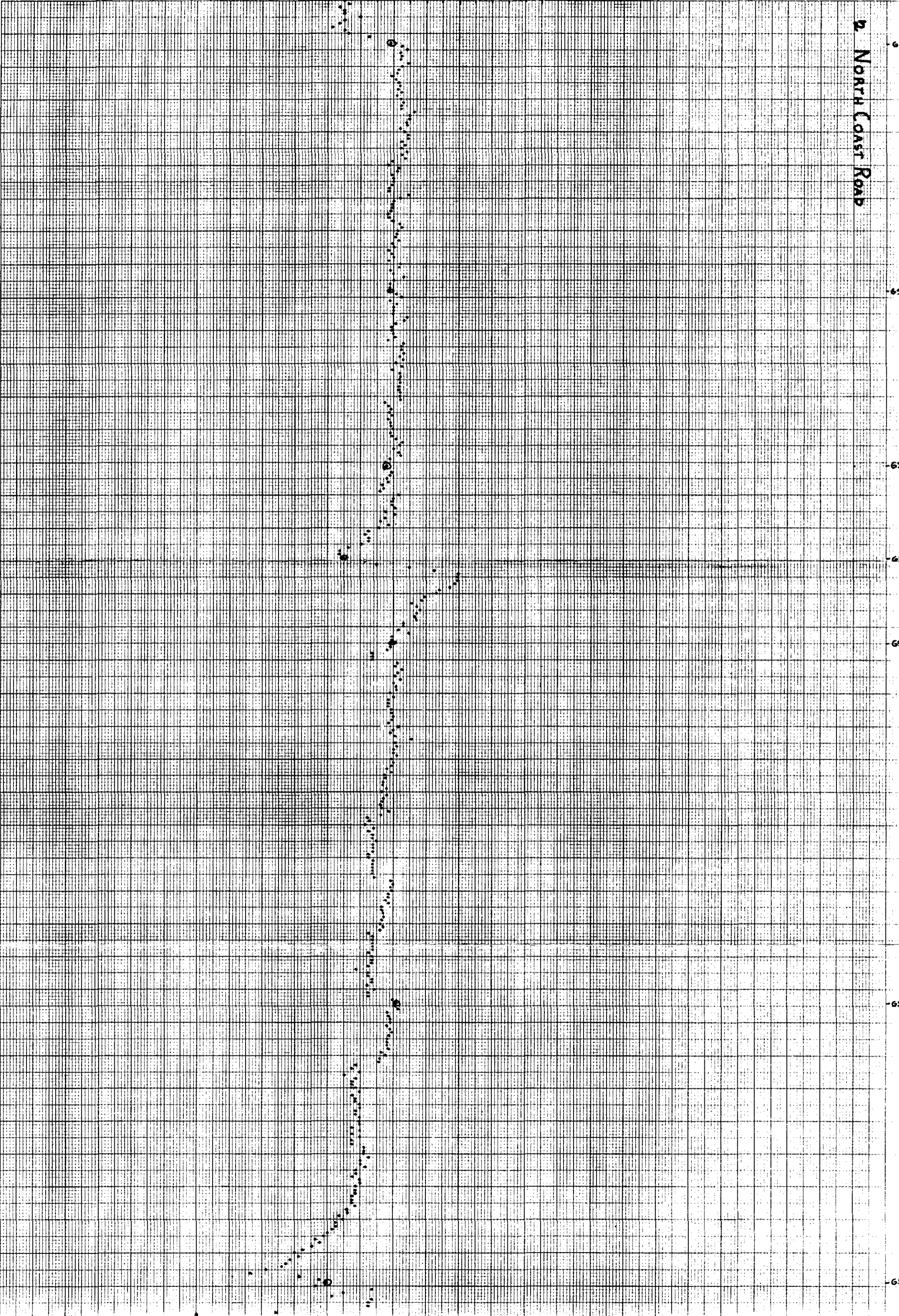
65148

65149

65153

65156

+1000  
+800  
+600  
+400  
+200  
70  
-200  
-400  
-600  
-800  
-1000  
-1200



008128

41-1518

128

3 NORTH COAST ROAD

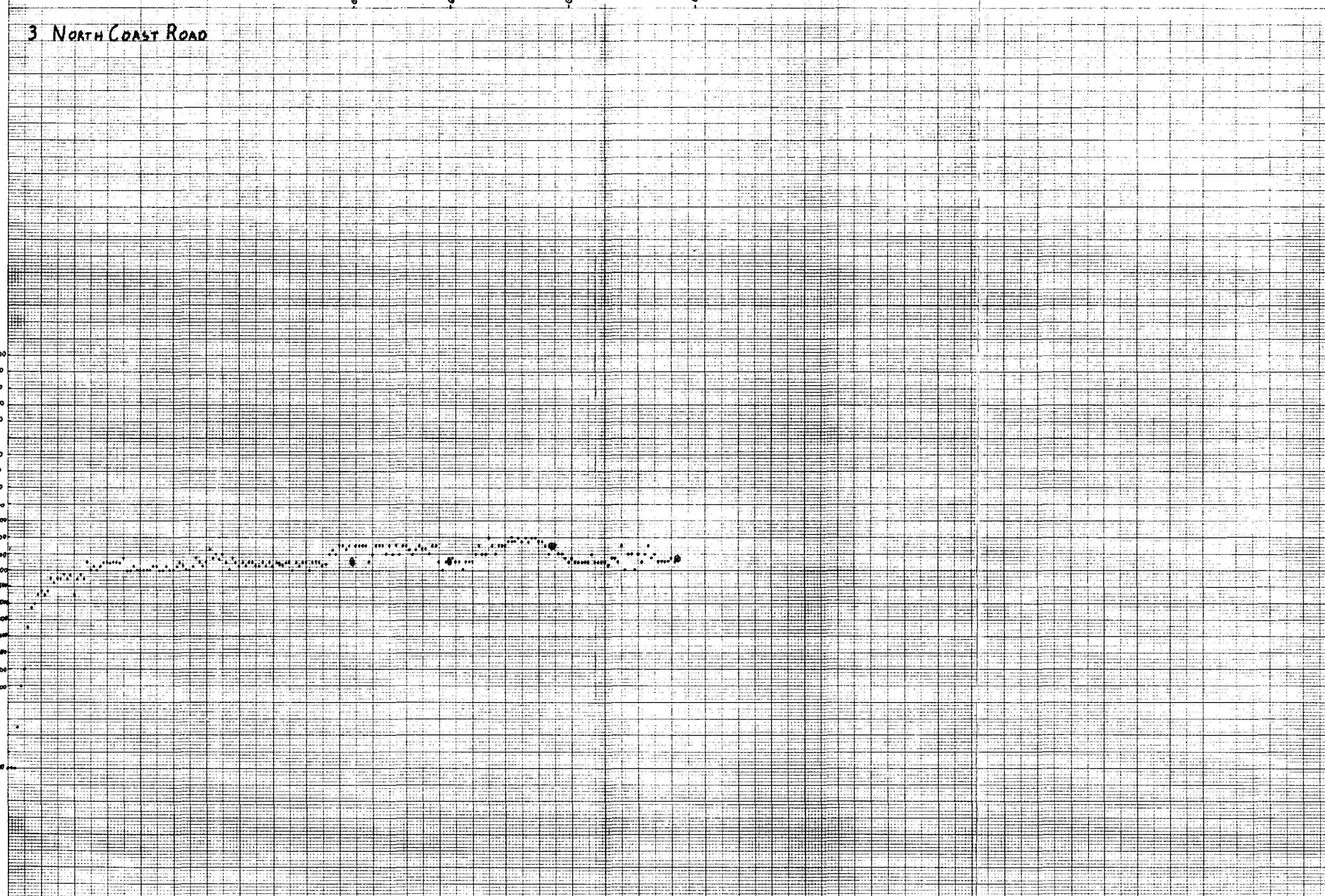
-65160

-65161

-65162

-6510

+1000  
+800  
+600  
+400  
+200  
70  
-200  
-400  
-600  
-800  
-1000  
-1200  
-1400  
-1600  
-1800  
-2000  
-2200  
-2400  
-2600  
-2800  
-3000



1. SOUTH LUNE ROAD

-GS175

-GS174

-GS173

-GS172

-GS171

-GS170

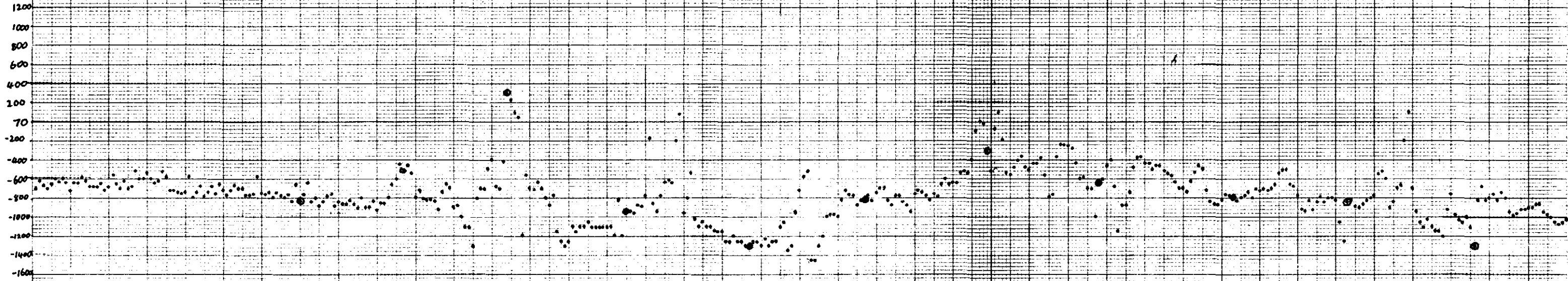
-GS169

-GS168

-GS167

-GS166

-GS165

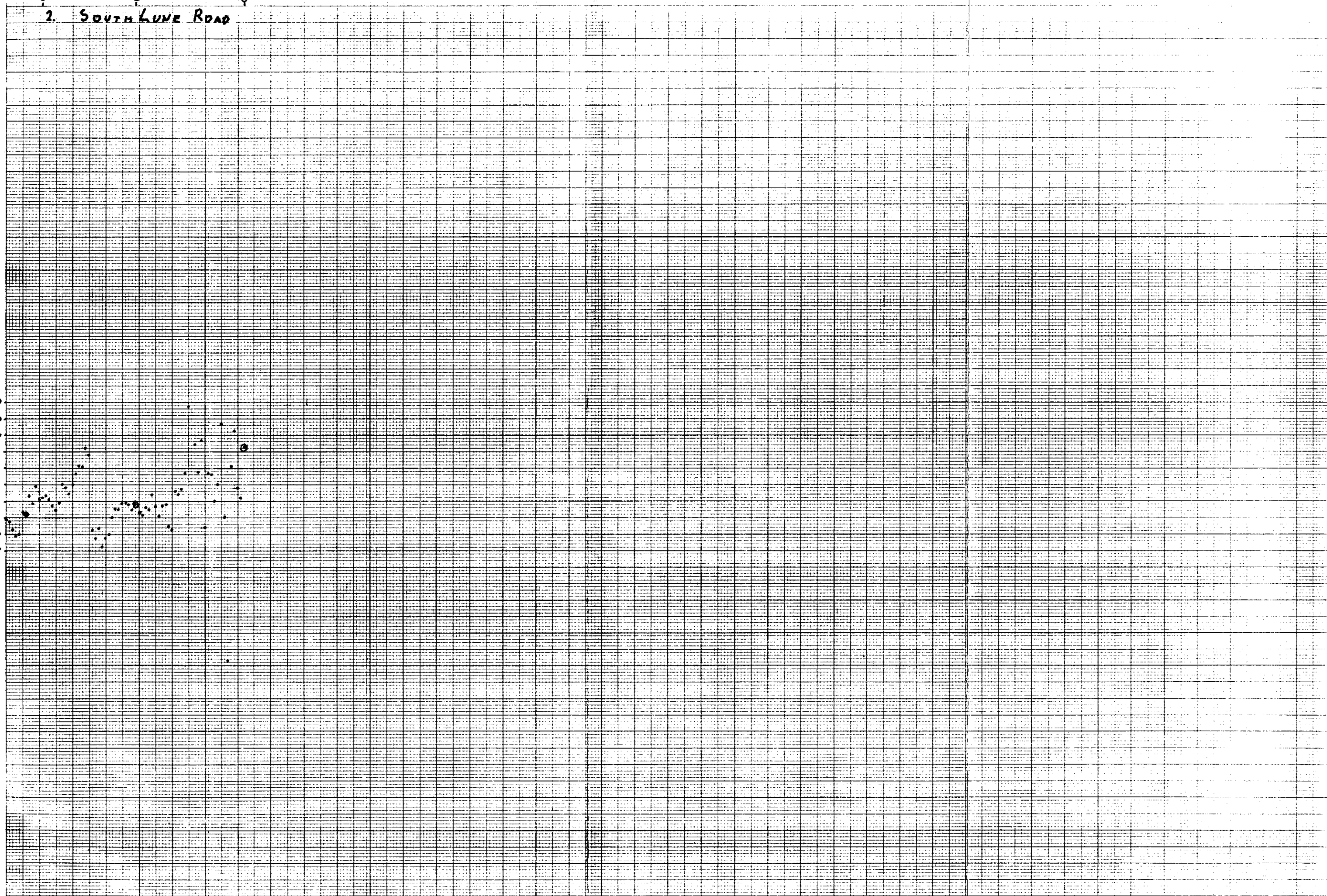


100

GS16 GS16 GS1

2. SOUTH LUNE ROAD

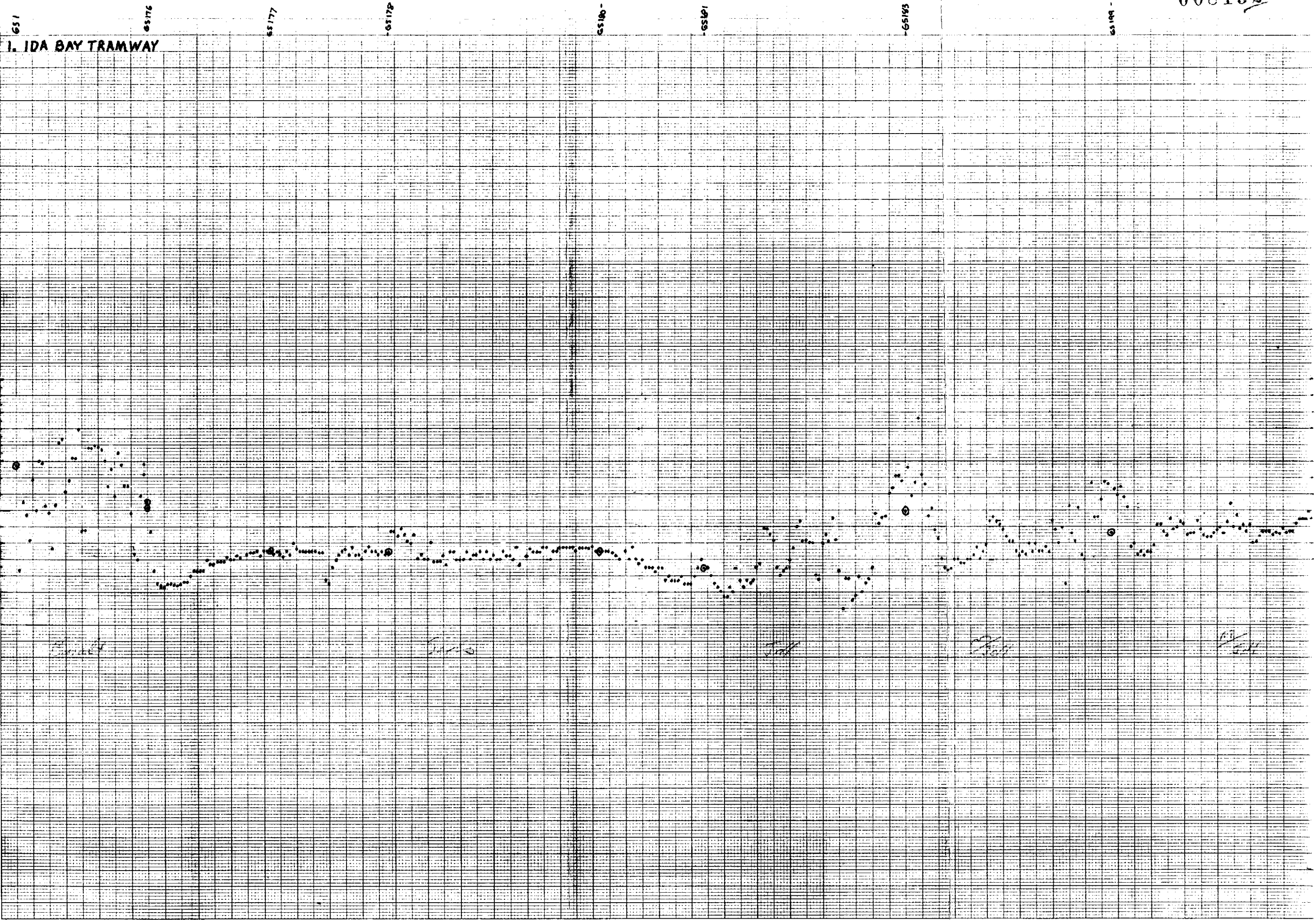
400  
300  
70  
-200  
-400  
-600  
-800  
-1000  
-1200  
-1400



131

I. IDA BAY TRAMWAY

+1000  
800  
600  
400  
200  
70  
-100  
-400  
-600  
-800  
-1000  
-1200  
-1400  
-1600  
-1800  
-2000



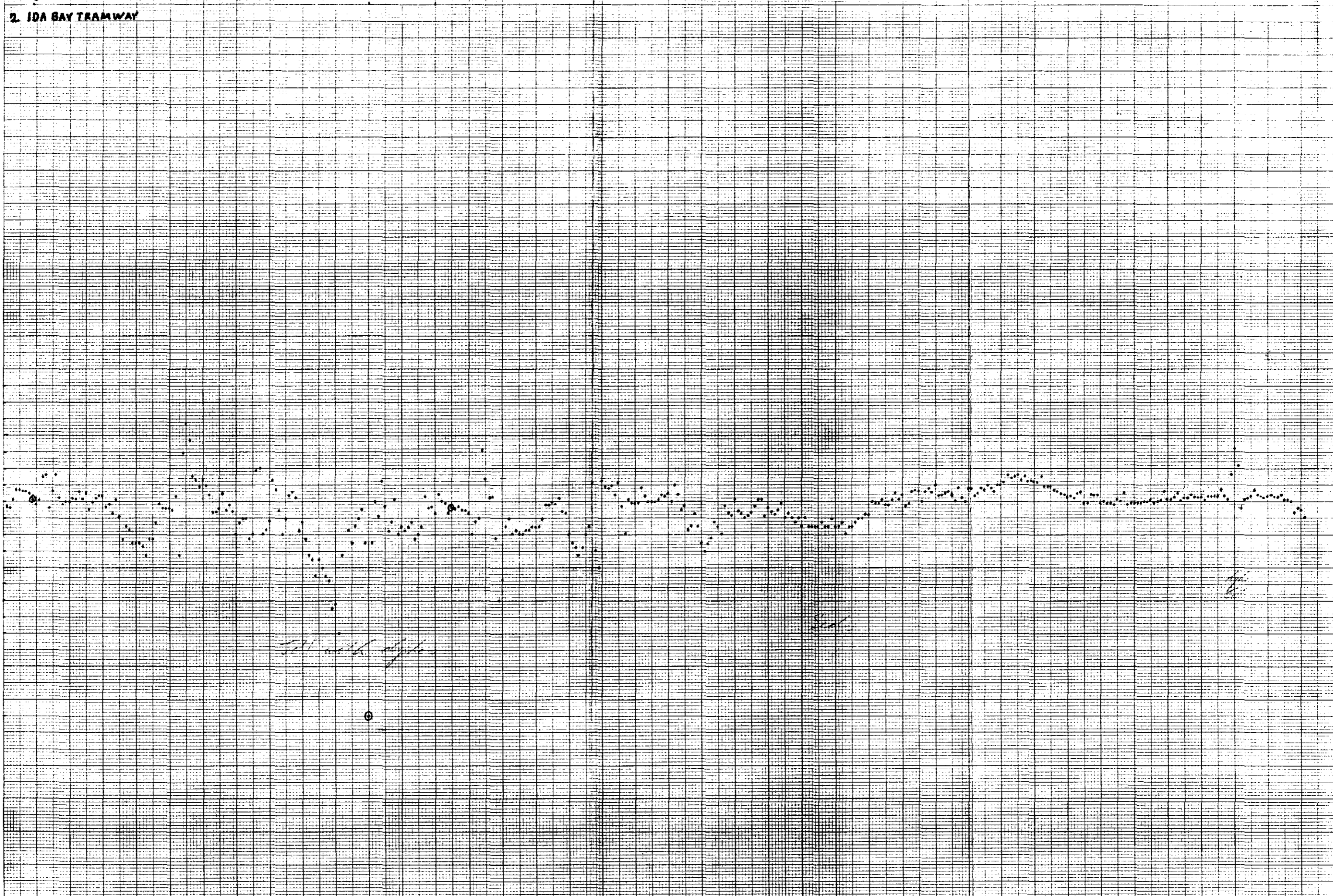
2. IDA BAY TRAMWAY

65196-

65193-

65192

+600  
+400  
+200  
70,000  
-100  
-400  
-600  
-800  
-1000  
-1200  
-1400  
-1600  
-1800  
-2000  
-2200  
-2400



6534

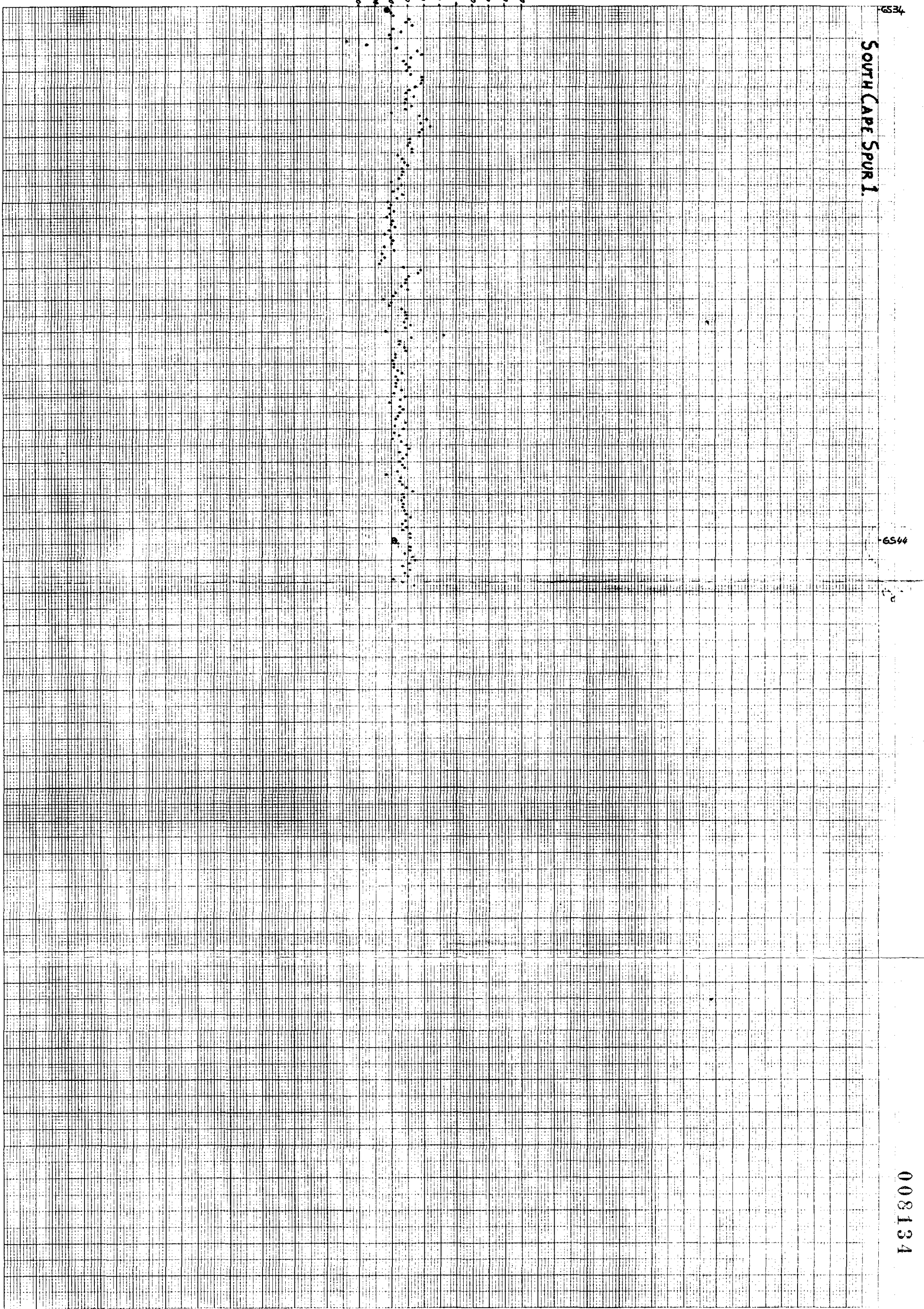
SOUTH CAPE SPUR I.

6544

2

008134

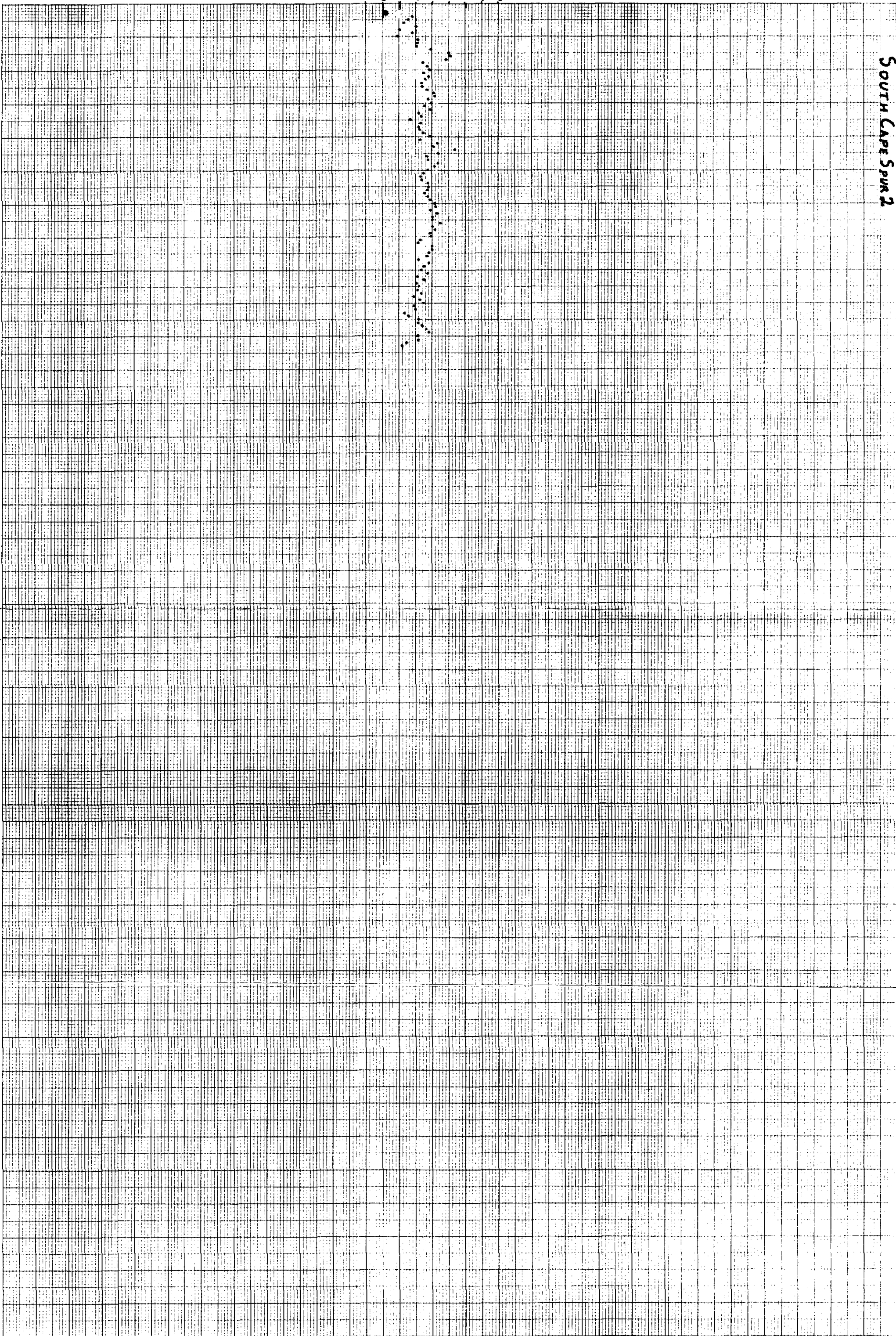
+1700  
+1600  
+1400  
+1200  
70  
-200  
-400  
-600  
-800  
-1000  
-1200



81-1518

SOUTH CAPE SPUR 2

+400  
+200  
70  
0  
-200  
-400  
-600  
-800  
-1000  
-1200

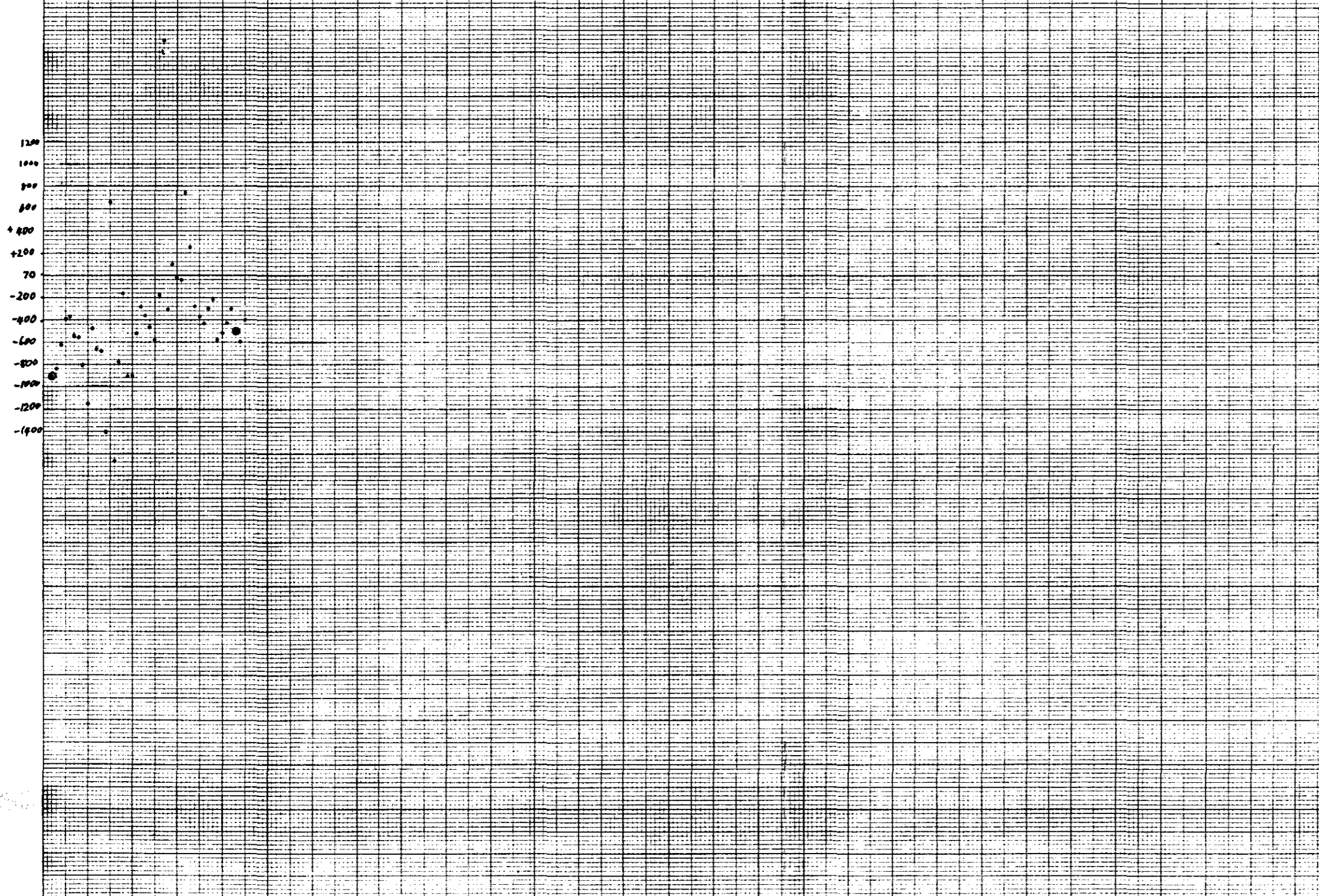


137

165568

165216

# SOUTH CAPE SPUR L.



136

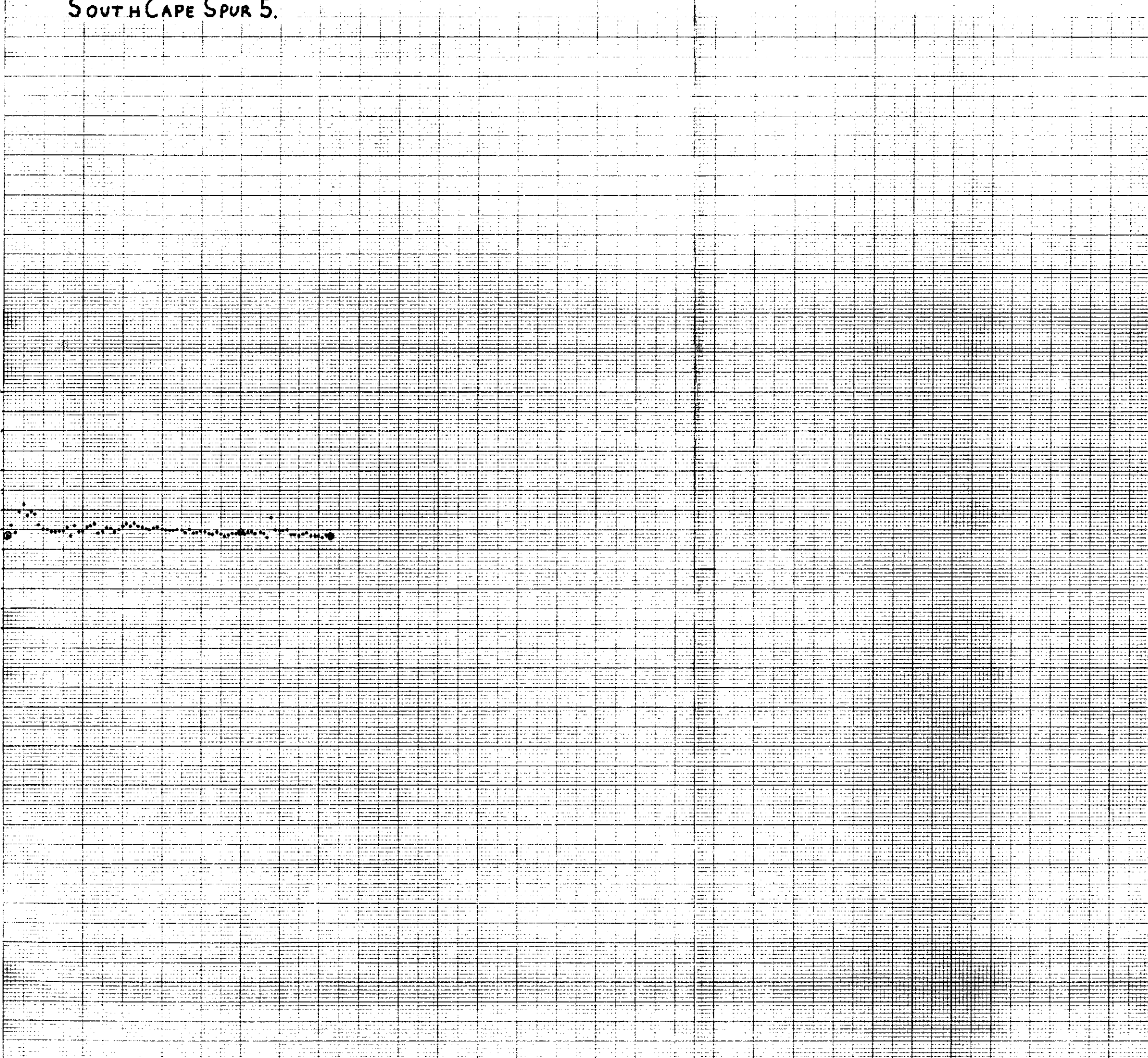
SOUTH CAPE SPUR 5.

6576

6522

6522

+1200  
+1000  
+800  
+600  
+400  
+200  
70  
-200  
-400  
-600  
-800  
-1000  
-1200



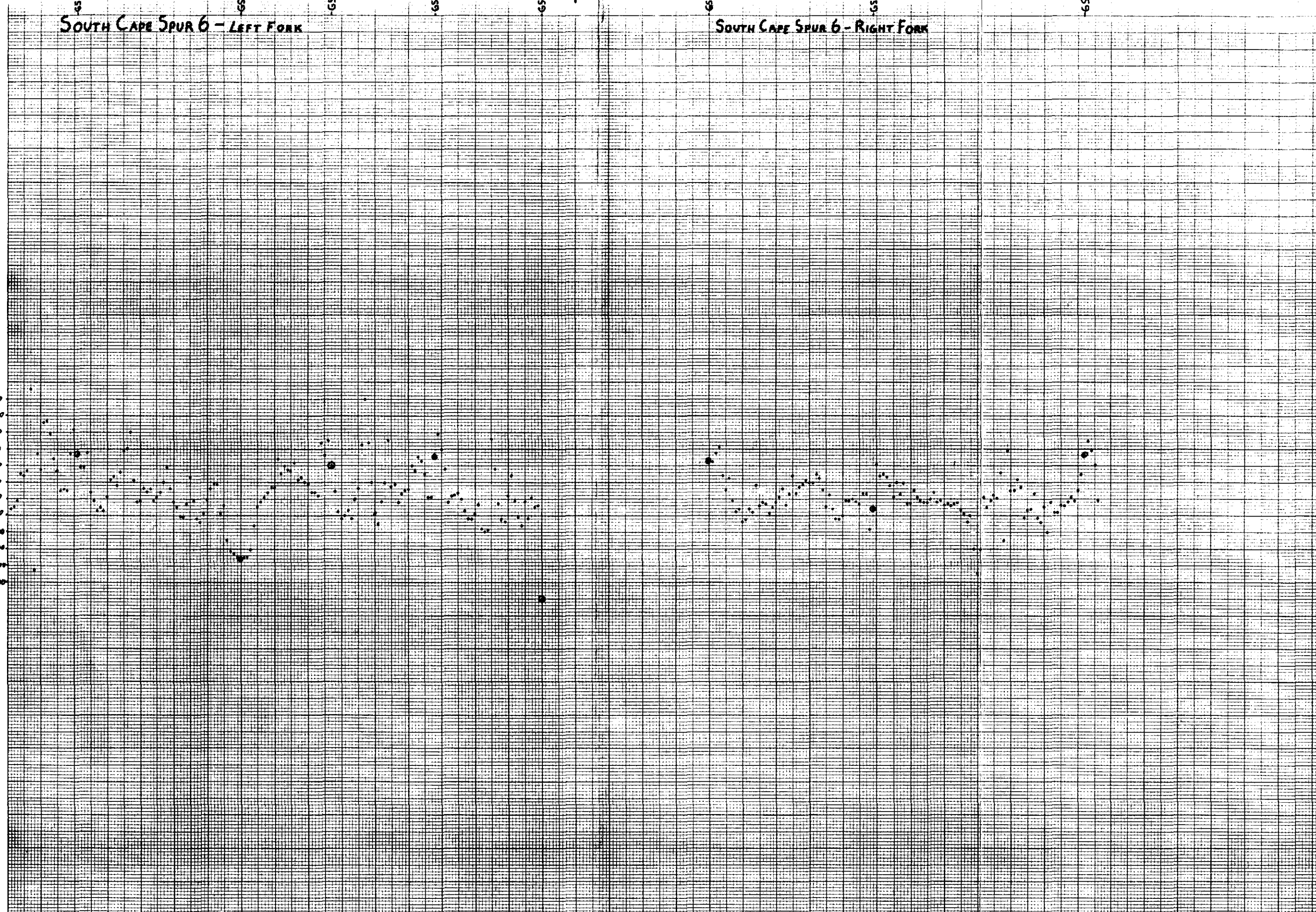
135

SOUTH CAPE SPUR 6 - LEFT FORK

SOUTH CAPE SPUR 6 - RIGHT FORK

600  
400  
200  
0  
-200  
-400  
-600  
-800  
-1000  
-1200  
-1400  
-1600

GS216 GS217 GS218 GS217 GS216 GS217 GS218 GS216 GS217



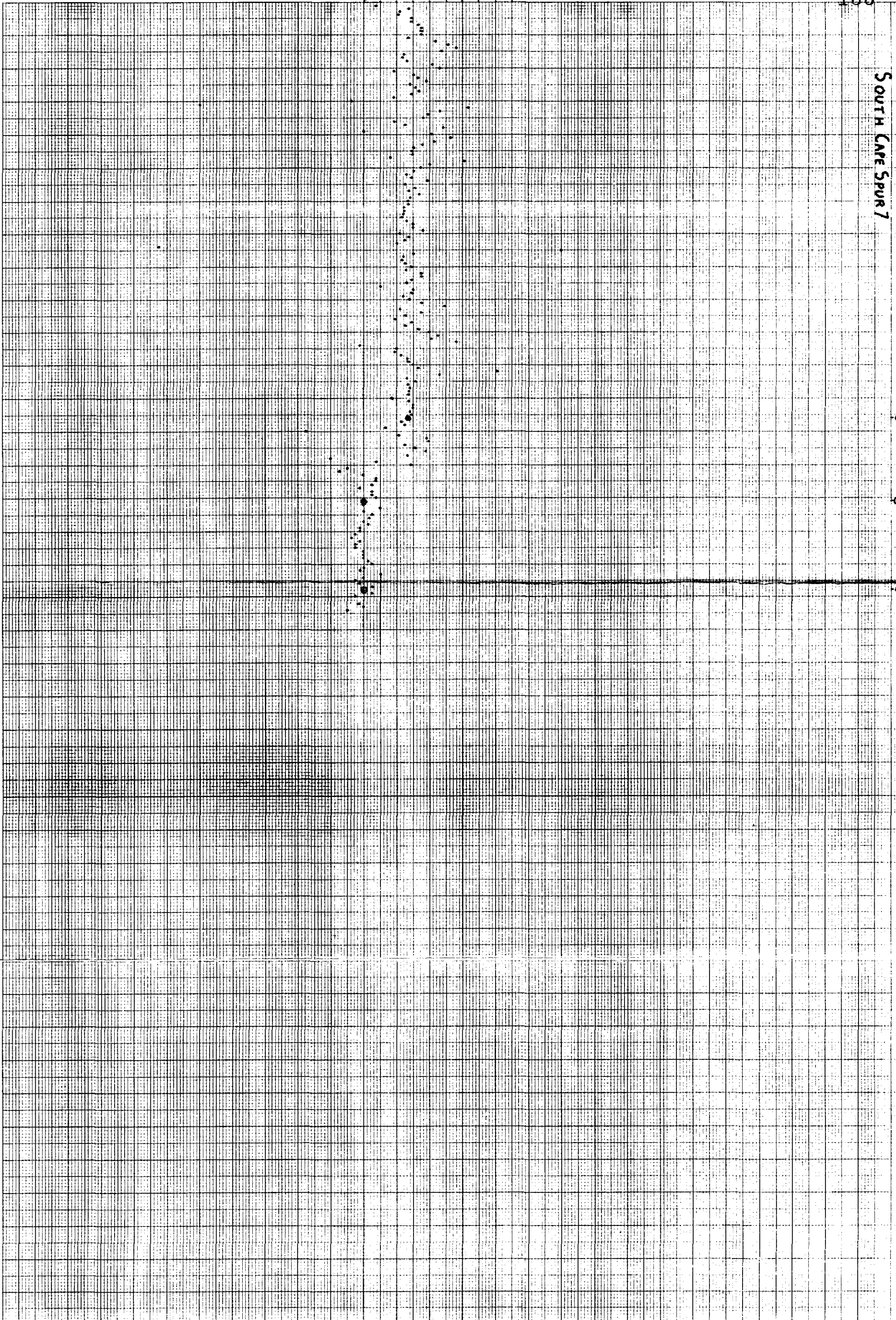
SOUTH CAPE SPUR 7

GS233

GS234

GS235

4600  
4400  
4200  
4000  
3800  
3600  
3400  
3200  
3000  
2800  
2600  
2400  
2200  
2000  
1800  
1600  
1400  
1200



Q1-1518

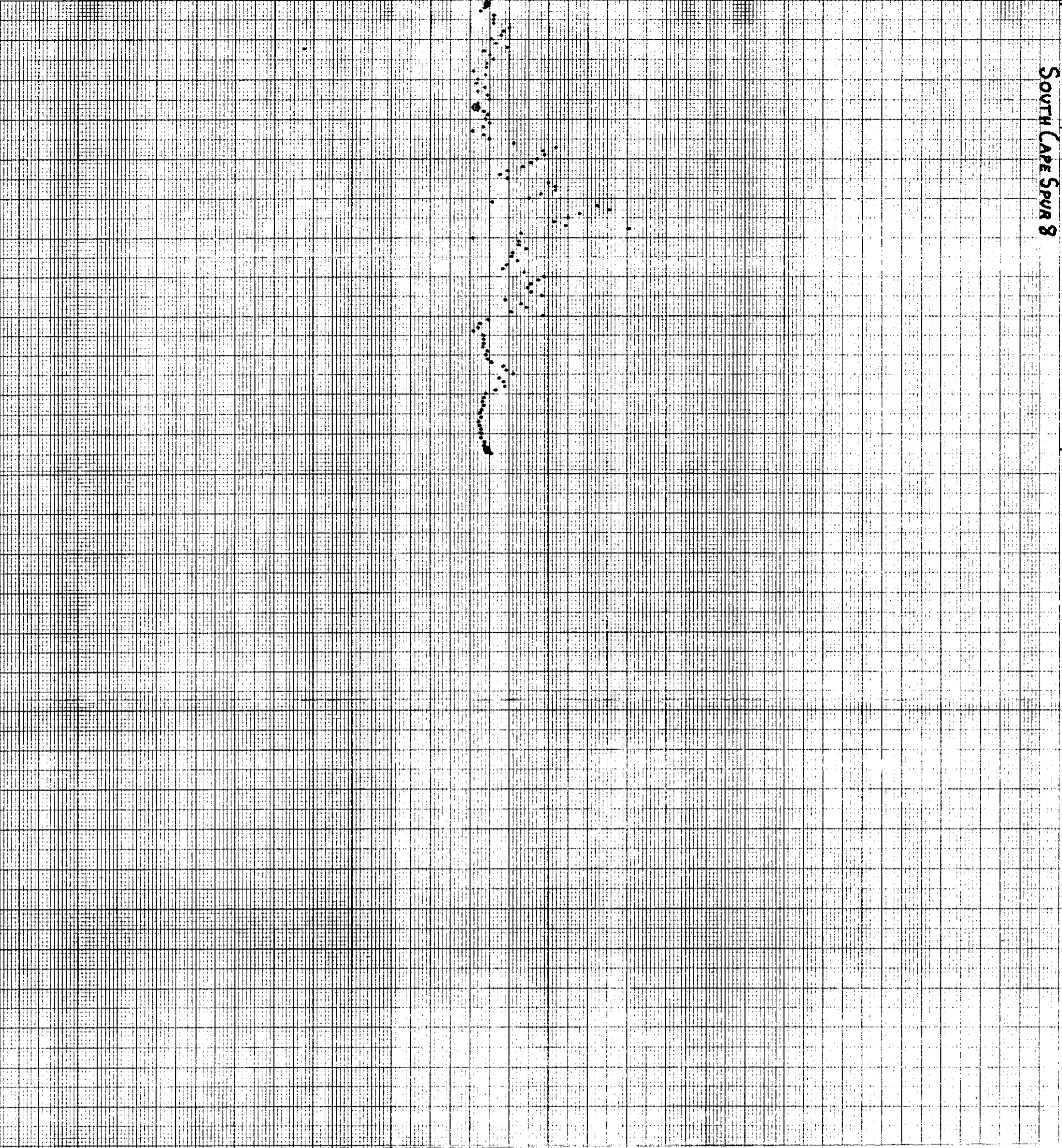
GS24

GS236

GS237

SOUTH CAPE SPUR 8

+100  
+60  
+40  
+20  
0  
-20  
-40  
-60  
-80  
-100  
-120  
-140  
-160



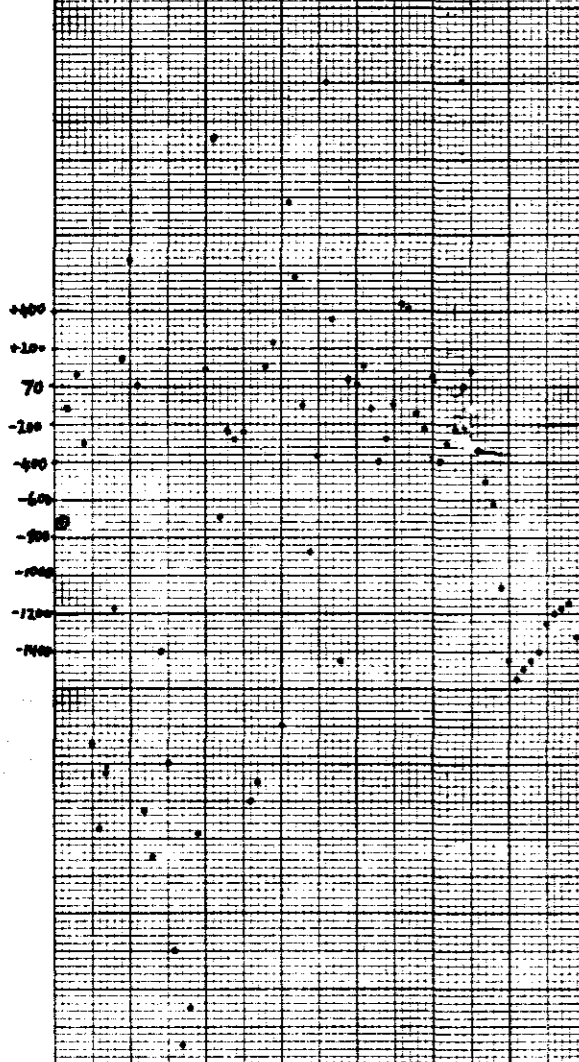
81-1518

008140

140

SOUTH CAPE SPUR 9.

8513



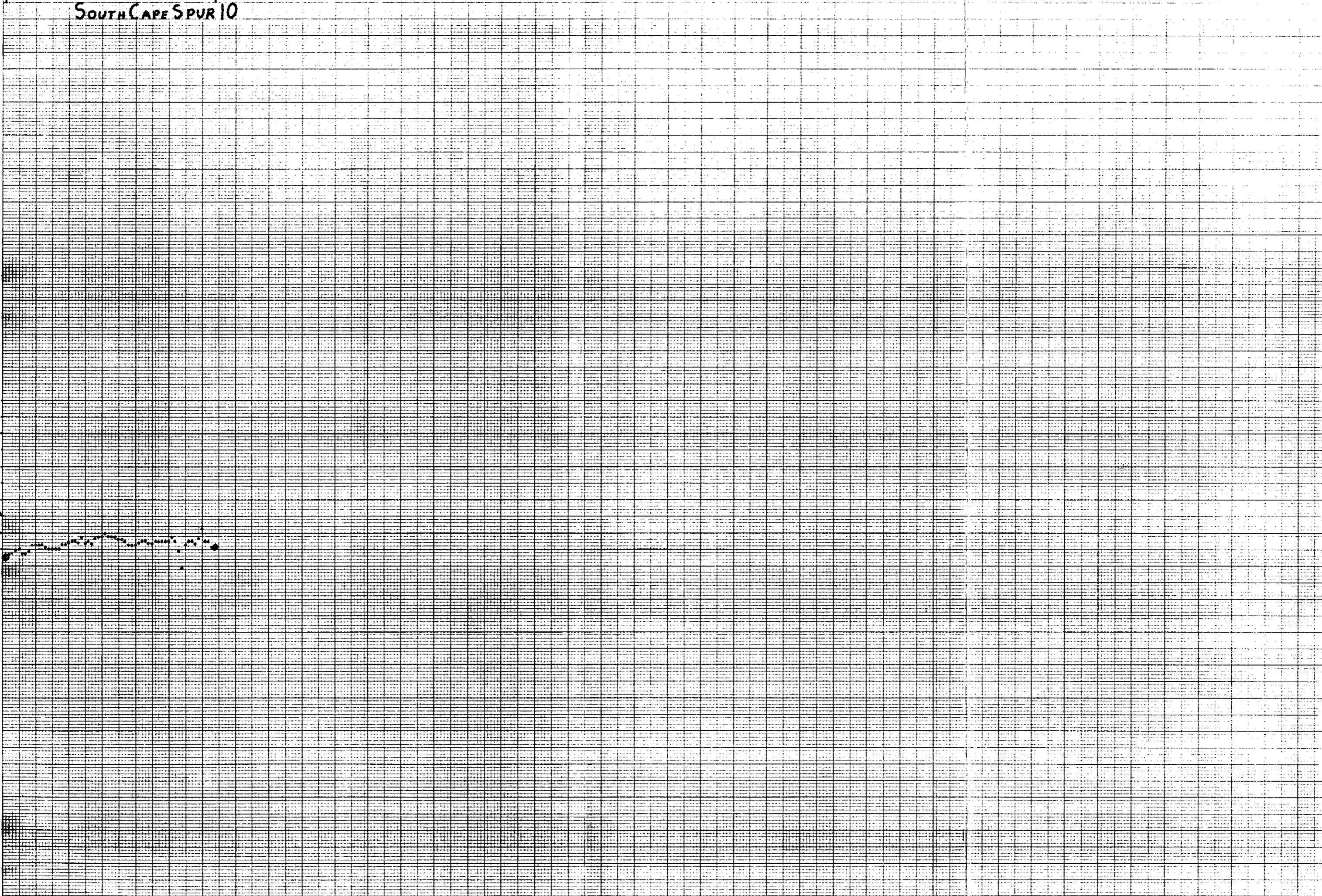
141

6520

SOUTH CAPE SPUR 10

658

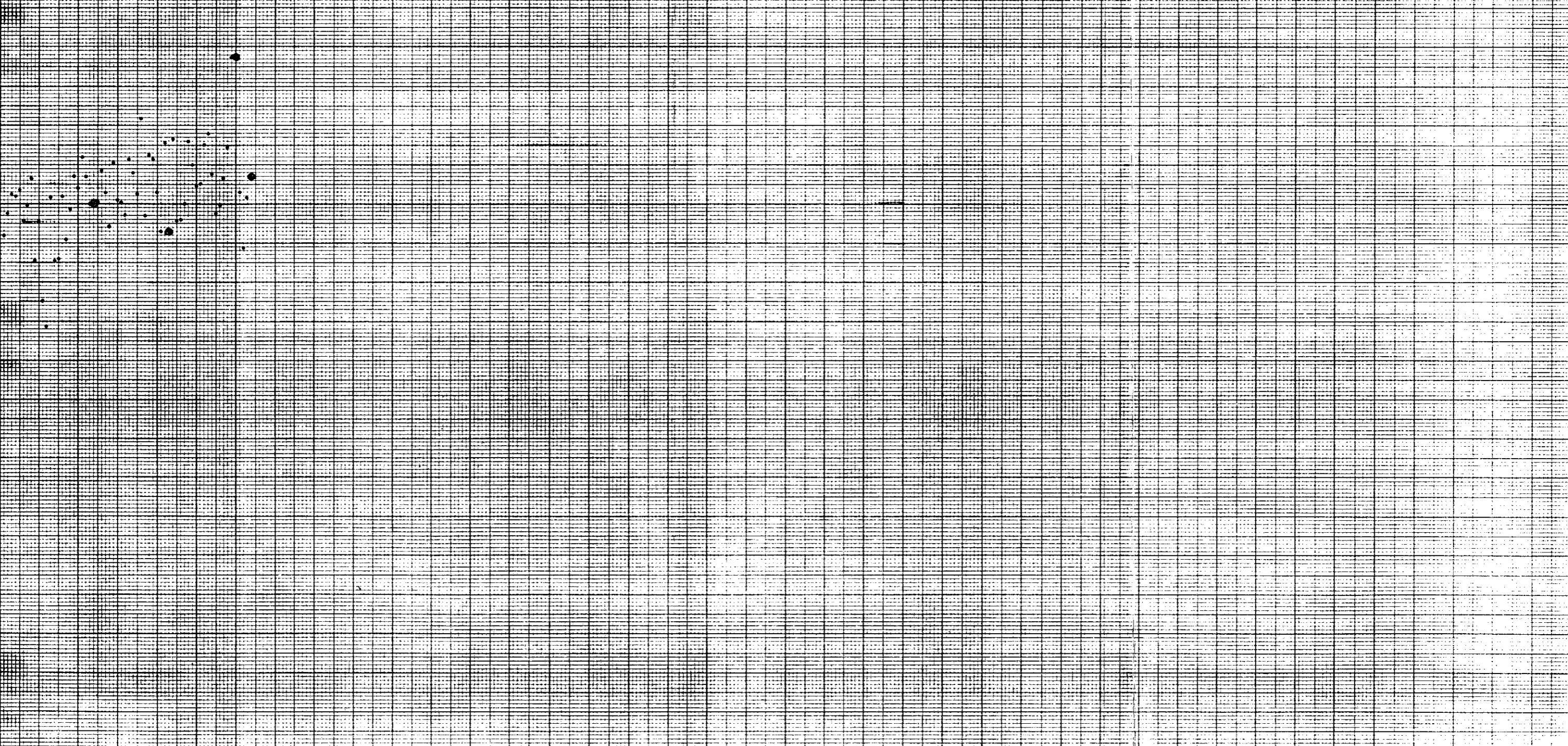
+300  
+200  
70  
-200  
-400  
-600  
-800  
-1000  
-1200  
-1400



6532  
 SPUR 5  
 6532  
 6532  
 6532

TRACK IN TO BUNNY COSTEANS

1100  
 1000  
 900  
 800  
 700  
 600  
 500  
 400  
 300  
 200  
 100  
 0  
 -100  
 -200  
 -300  
 -400  
 -500  
 -600  
 -700  
 -800  
 -900  
 -1000  
 -1100  
 -1200

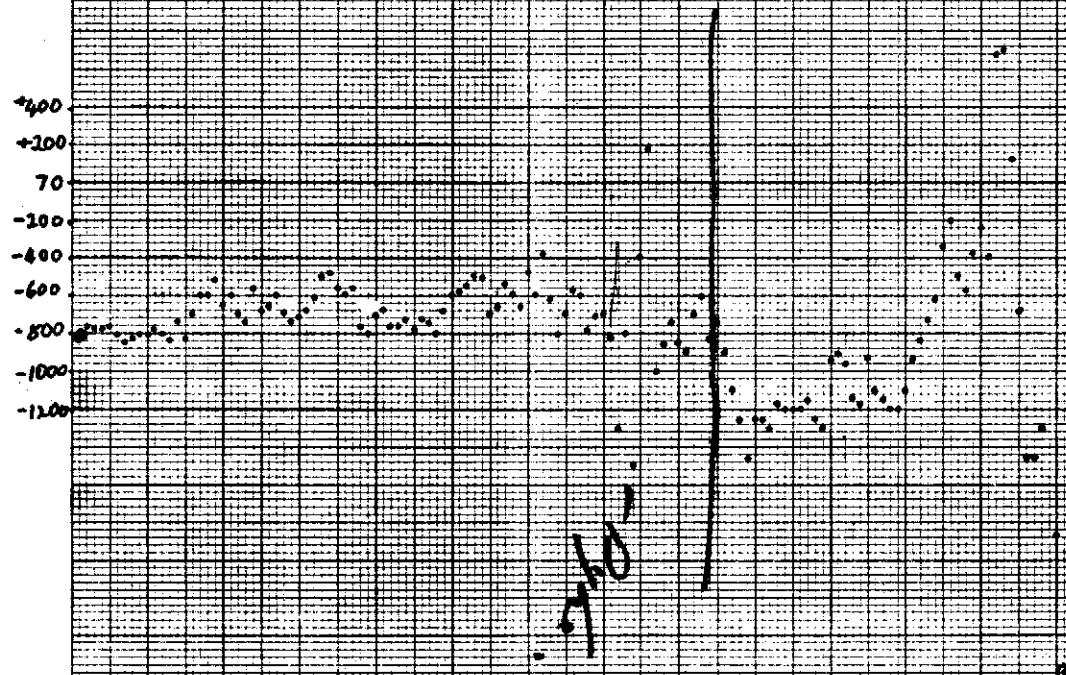


143

TRACK NEXT TO BRIDGE ON NORTH COAST ROAD

6519

6515



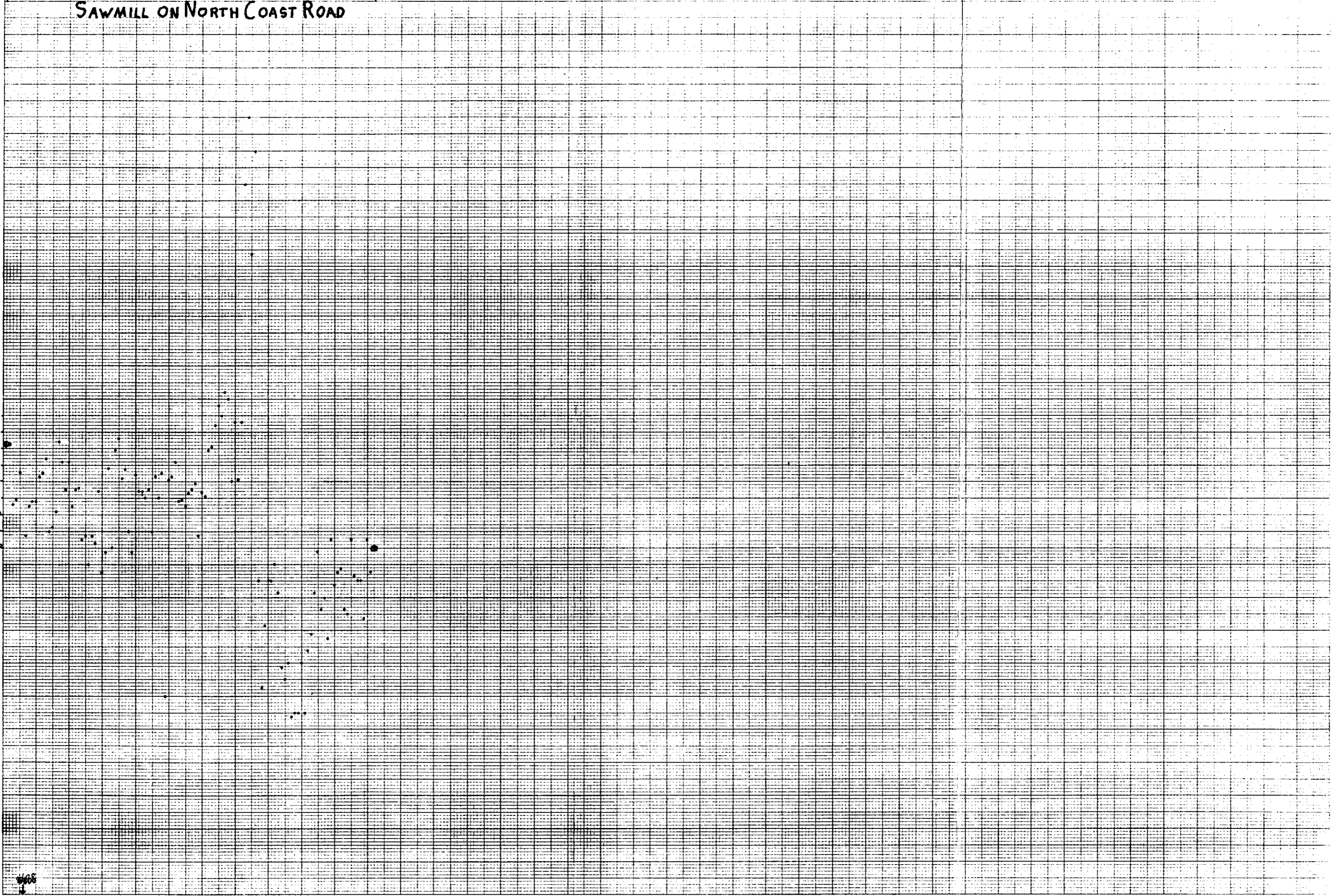
SAWMILL ON NORTH COAST ROAD

144

6523

6514

+400  
+200  
70  
-100  
-400  
-600  
-800  
-1000  
-1200  
-1400

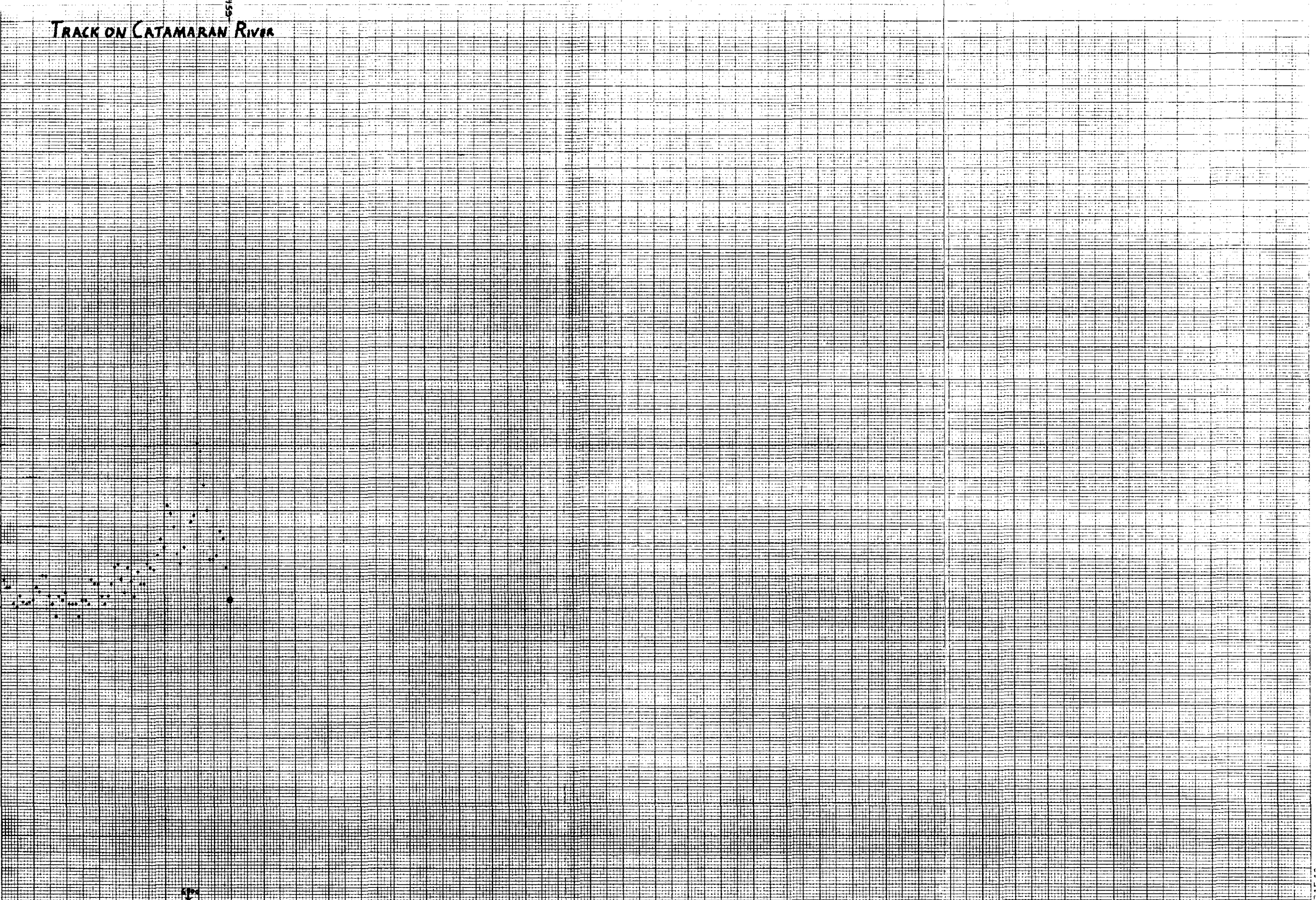


145

TRACK ON CATAMARAN RIVER

5710

1400  
1200  
70  
-200  
-400  
-600  
-800  
-1000  
-1200  
-1400  
-1600  
-1800  
-2000

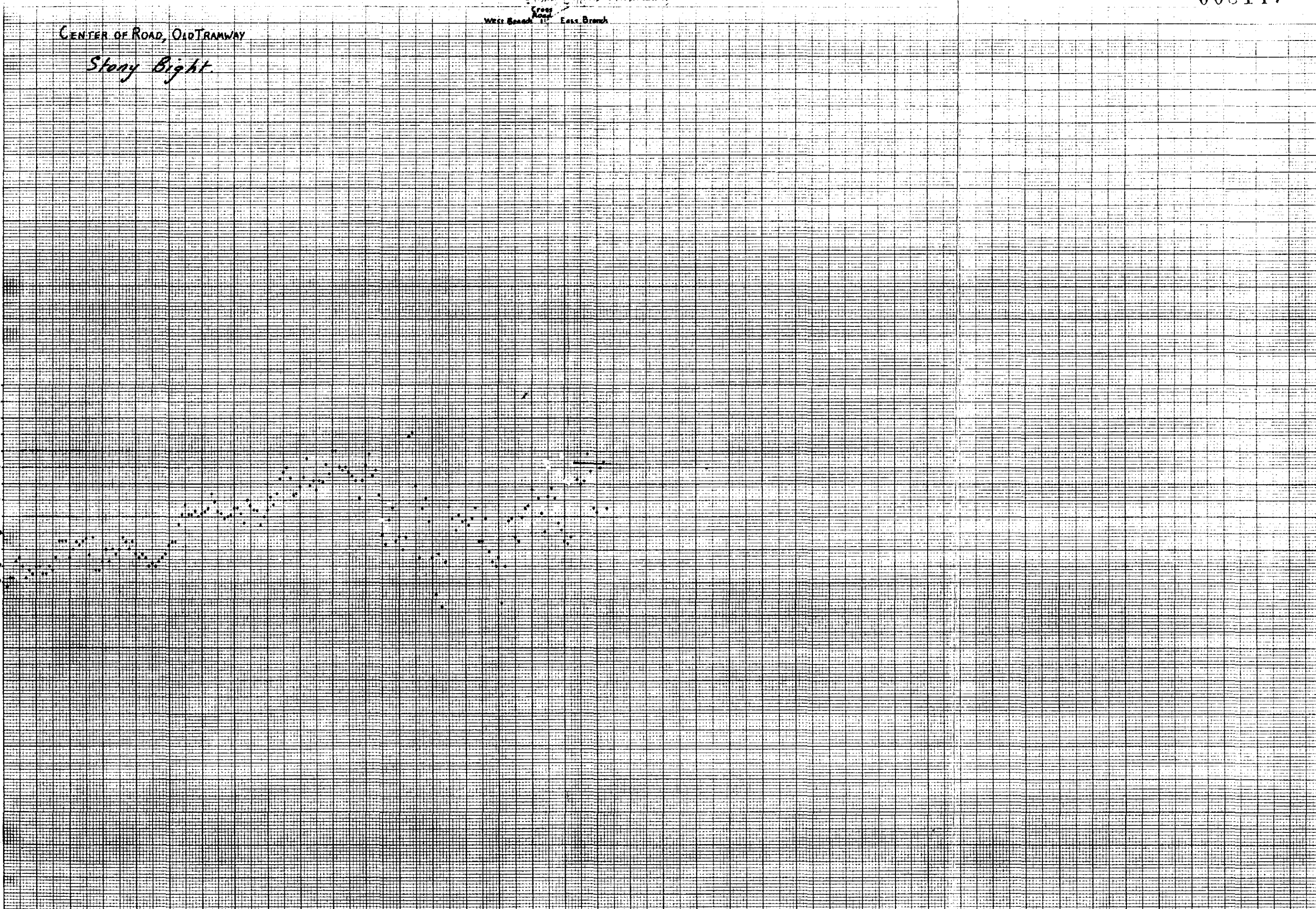


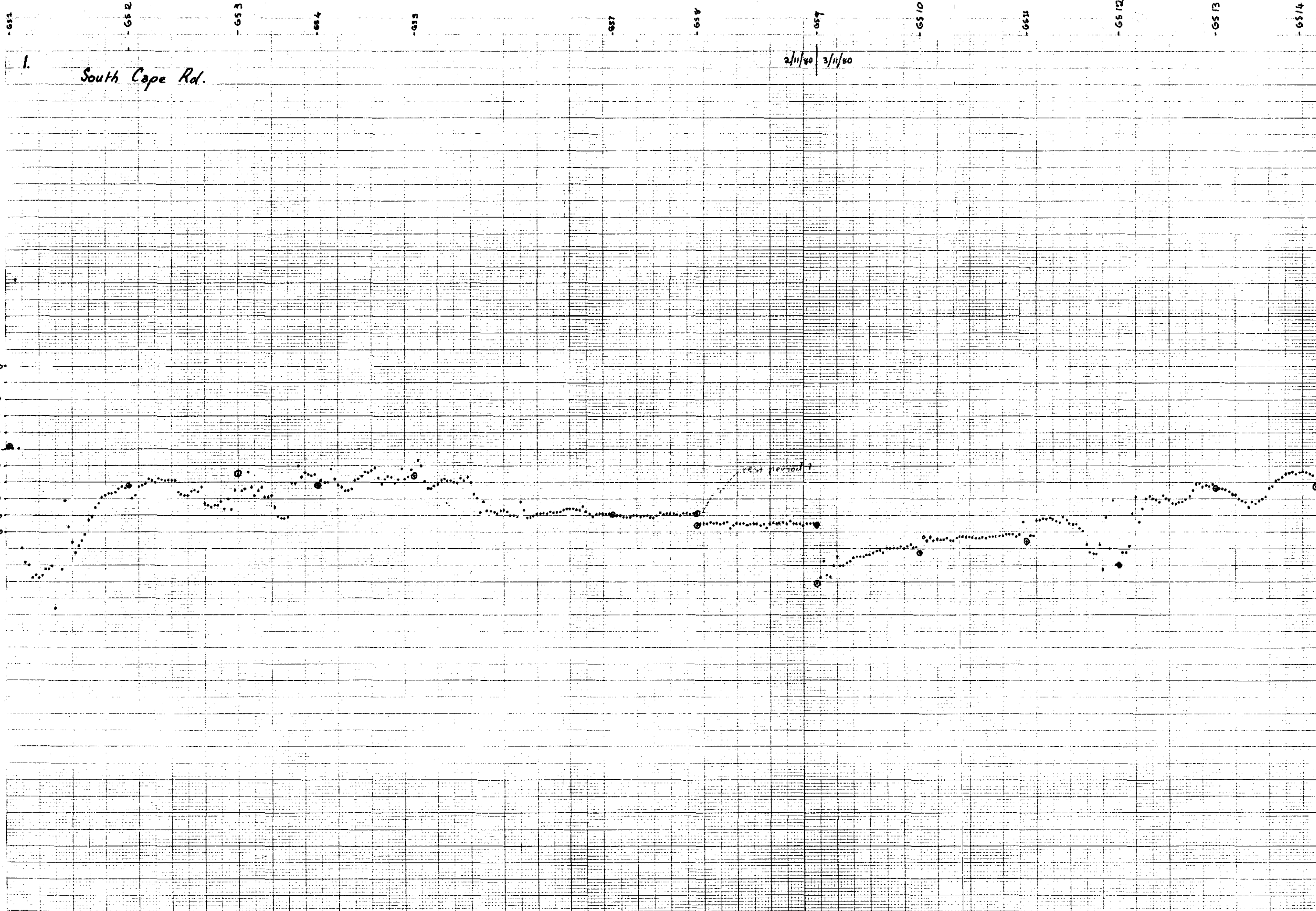
Stony Bight  
West Branch East Branch

CENTER OF ROAD, OLD TRAMWAY  
*Stony Bight.*

146

600  
400  
200  
100  
-100  
-200  
-300  
-400  
-500  
-600  
-700  
-800  
-900  
-1000





01 150

GS 15

GS 16

GS 17

GS 18

GS 19

GS 20

GS 21

GS 22

GS 23

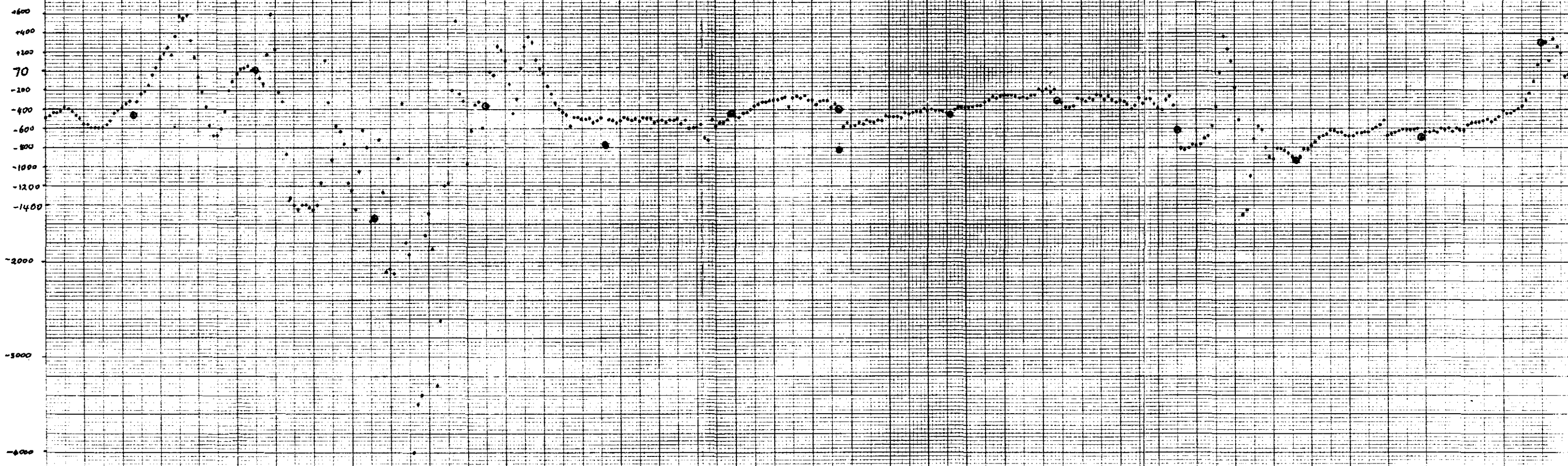
GS 24

GS 25

GS 26

GS 27

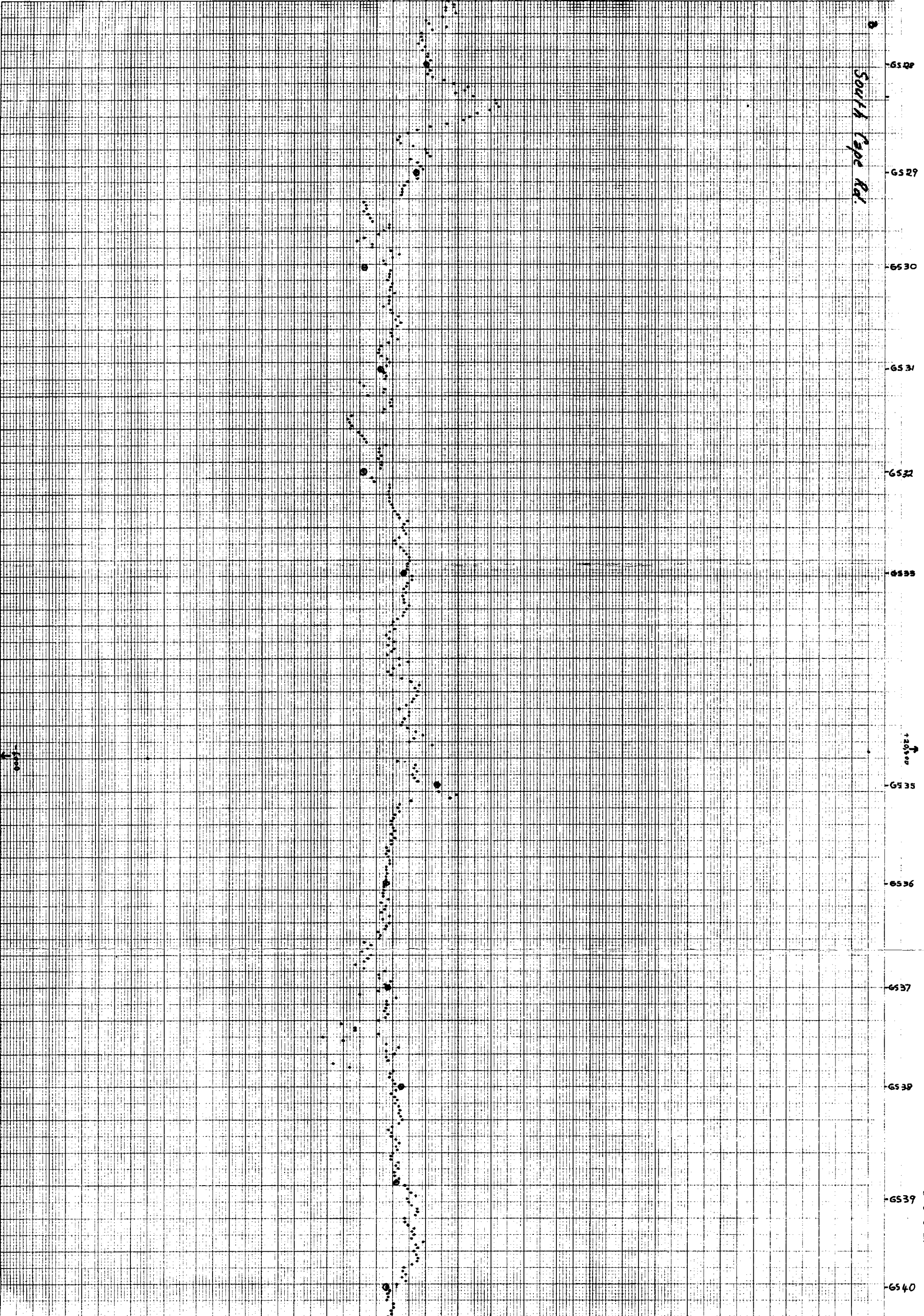
South Cape Rd.



South Cape Rd.

GS 28  
GS 29  
GS 30  
GS 31  
GS 32  
GS 33  
GS 34  
GS 35  
GS 36  
GS 37  
GS 38  
GS 39  
GS 40

+400  
+300  
70  
-200  
-600  
-1000



R1-1518

008150

150

4

South Cape Rd

-6541

-6542

-6543

-6544

-6545

-6546

-6547

-6548

-6549

-6550

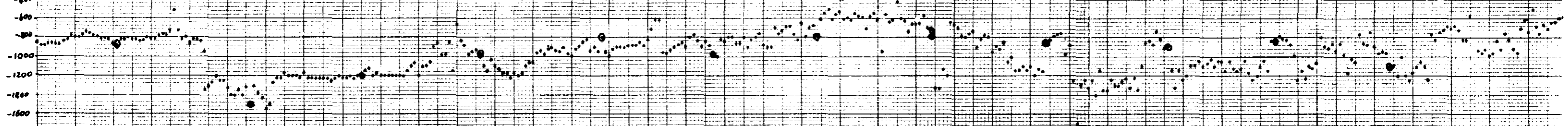
-6551

-6552

High Water

+400  
+200  
70  
-100  
-200  
-400  
-600  
-800  
-1000  
-1200  
-1400  
-1600

Wells

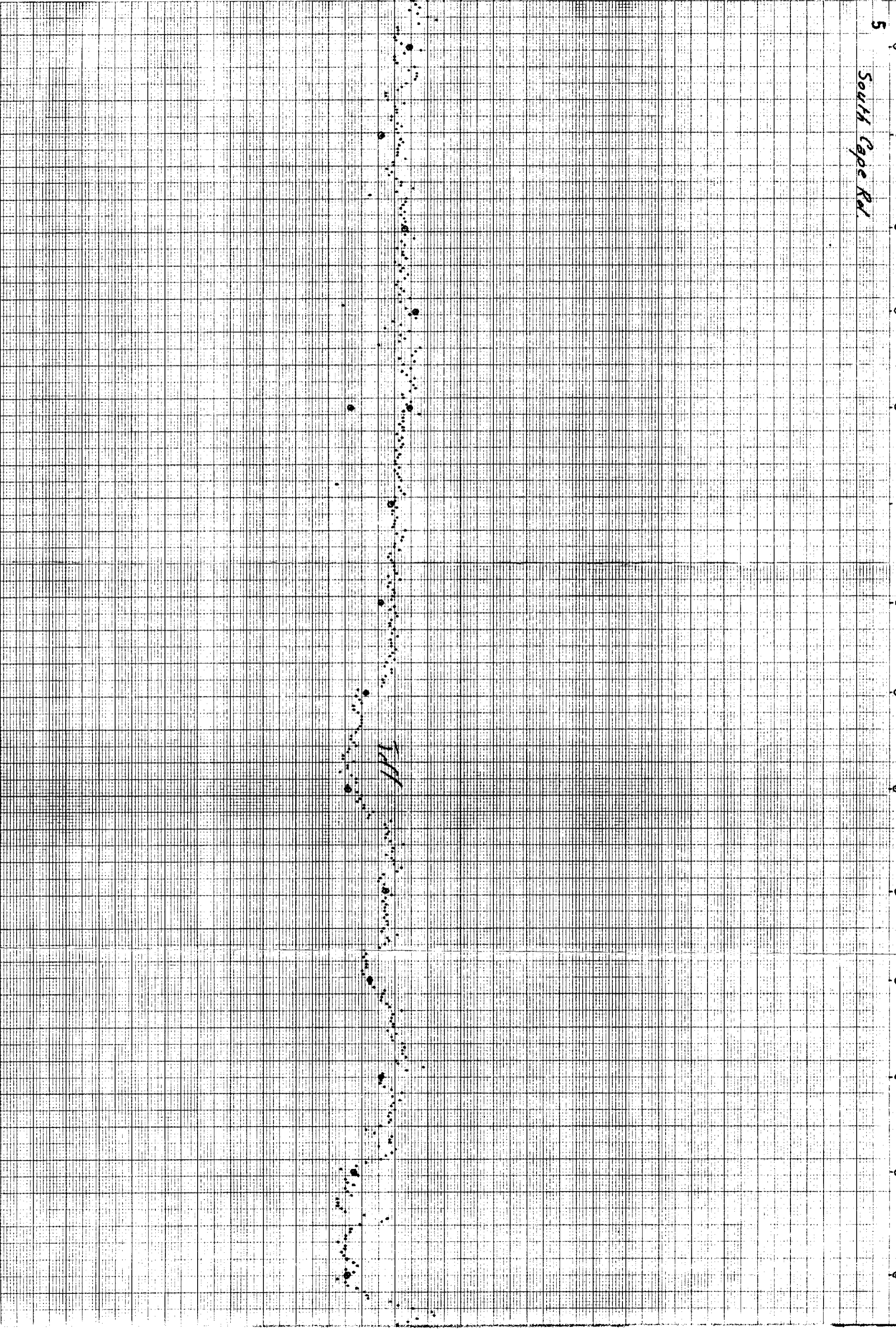


5

South Cape Rd.

GS54  
GS55  
GS56  
GS57  
GS58  
GS59  
GS60  
GS61  
GS62  
GS63  
GS64  
GS65  
GS66  
GS67

1400  
1300  
1200  
1100  
1000  
900  
800  
700  
600  
500  
400



008152

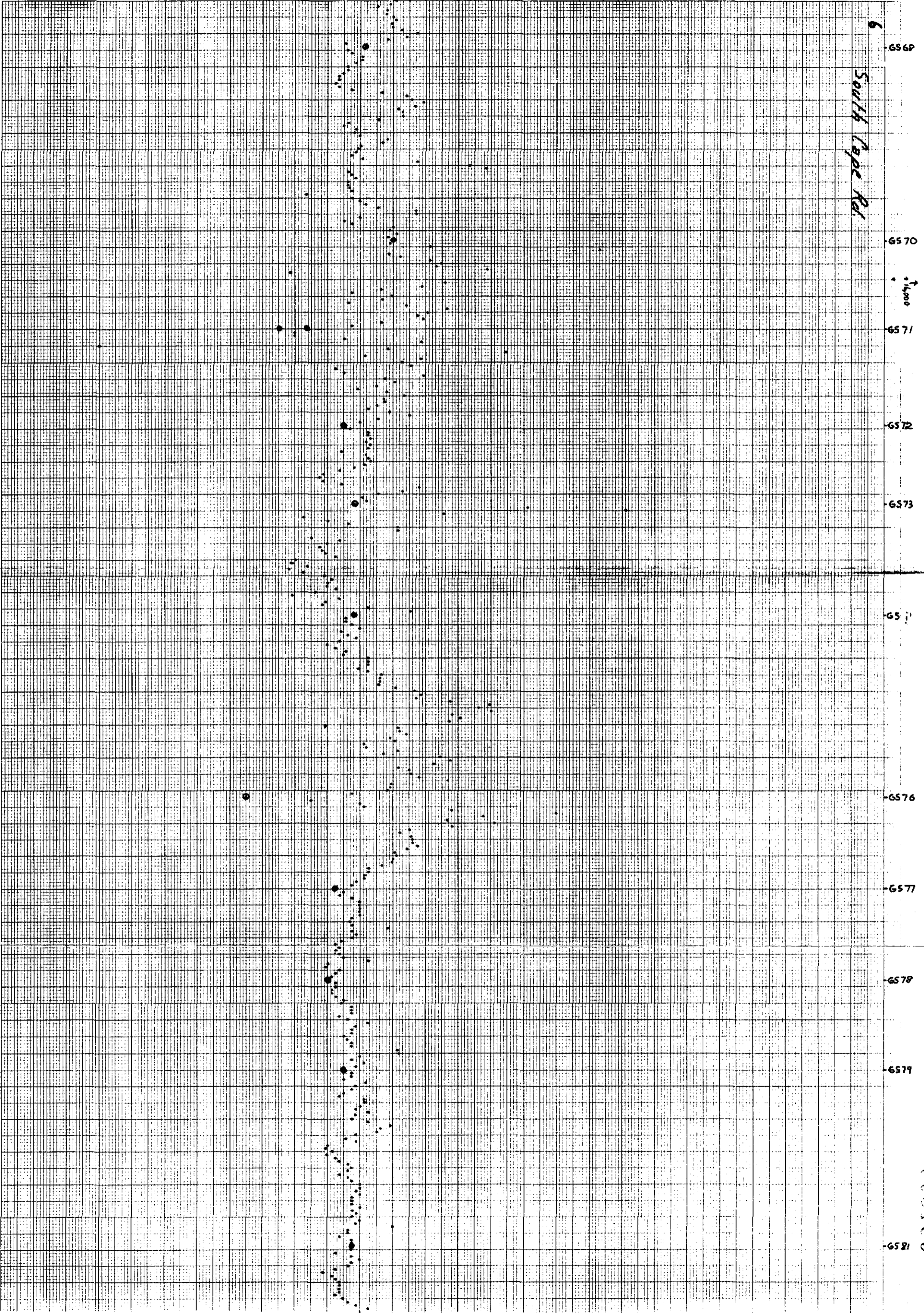
Q1-K1A

6

South Cape Rd.

GS6P  
 GS70  
 1,000  
 GS71  
 GS72  
 GS73  
 GS74  
 GS75  
 GS76  
 GS77  
 GS78  
 GS79  
 GS80

4500  
 4000  
 3500  
 3000  
 2500  
 2000  
 1500  
 1000  
 500  
 0  
 -500  
 -1000  
 -1500



R1-1C18

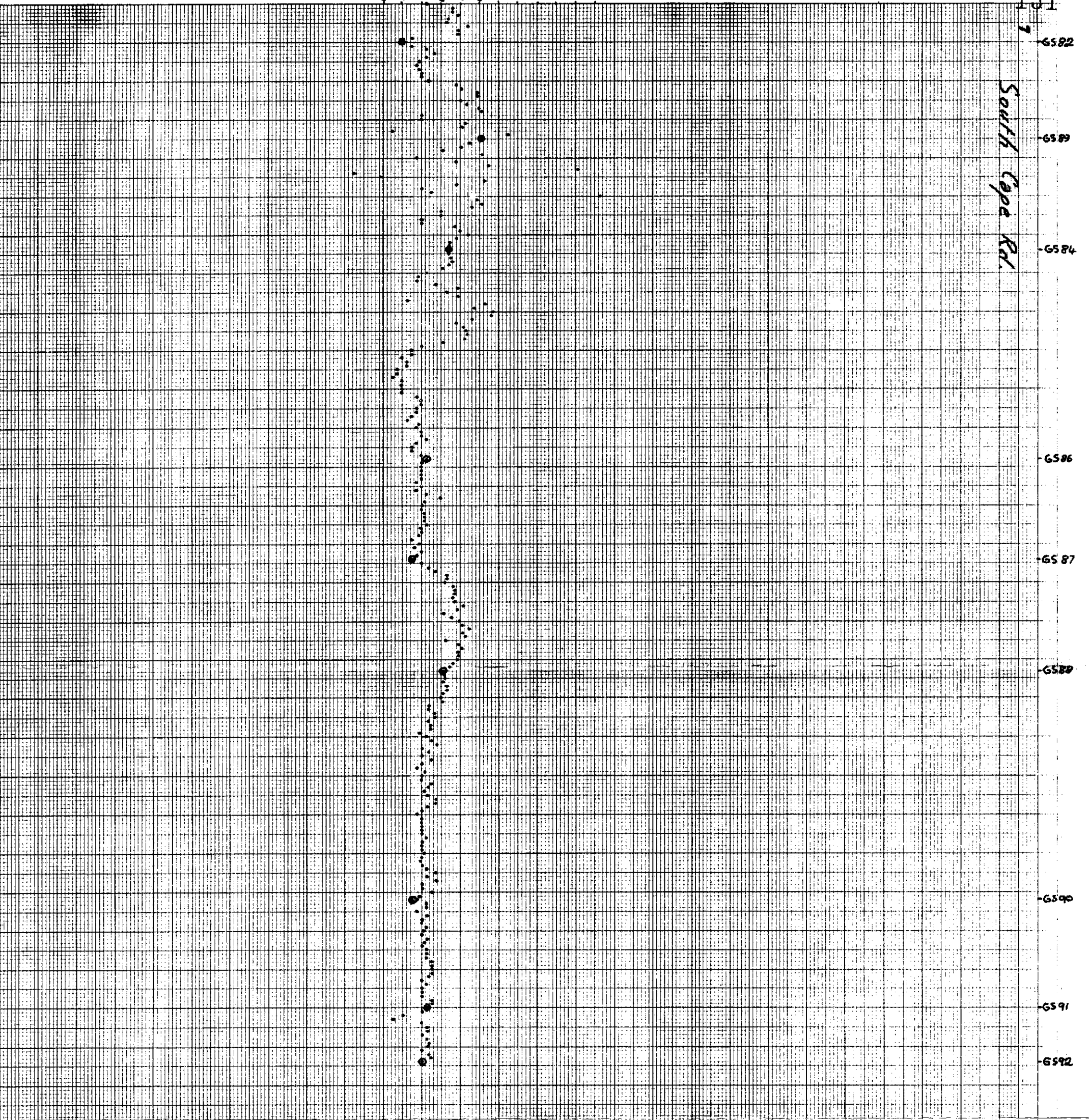
008100  
1850

151

6582  
6583  
6584  
6586  
6587  
6588  
6589  
6590  
6591  
6592

South Cape Rd.

4.00  
3.00  
2.00  
1.00  
0.00  
-1.00  
-2.00  
-3.00  
-4.00  
-5.00  
-6.00  
-7.00  
-8.00  
-9.00  
-10.00  
-11.00



24  
1210

008154