# OCEAN MINING A.G.

## DRILLING PROGRAM 1966 – 67

## RINGAROOMA BAY

## MINES DEPT. ASSAY RESULTS

## R. 818

## 81 – 1621

## VOLUME 1 / 2

M 1588

# DEPARTMENT OF MINES—TASMANIA


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**8818: Core Drilling in Ringarooma Bay**

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## Introduction

Between October 1966 and February 1967 Ocean Mining A.G. conducted a drilling campaign in Tasmanian waters using the vessel "Wando River" which was specially equipped to drill into the unconsolidated sediments on the ocean floor. The main area of activity was in Ringarooma Bay on the Bass Strait coast of north-eastern Tasmania.

The recovered drill core was split on the deck of the Wando River half being retained by OMAG, the other half being delivered to this laboratory for processing. The attached flowsheet shows how the samples were processed and the head values calculated.

Results were given to OMAG identified with their number and our Register Number. As we were not given any other identification our results could not be related to a hole or interval in a hole. OMAG would have used this data for reporting on this project to their partners in this venture.

During and at the end of the sample processing investigations were made on aspects of sampling and analysis. These findings were passed on to OMAG.

With renewed interest in Ringarooma Bay, Santos Ltd sought the results of the OMAG work. While the work we did in this laboratory was all on file here Santos was not successful in locating information that related results to holes etc. Some results found in the Electrolytic Zinc Company's files were incomplete, in some places quite erroneous and had not been brought up to date after the original results were entered in their (E.Z.) files.

Accordingly the objective was to put together all the information available so that the sample results could be applied to boreholes and hence be used to appraise the bed of Ringarooma Bay.

As the information was being extracted from our files it became apparent that experimental work on these samples was worth recording in a research project so that it was readily accessible hence the inclusion of such results.

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## Results

The assay results are given for 1040 samples from 138 bore holes in Ringarooma Bay. In the Remarks Column of these results reference is made to various appendices which contain detail concerning particular results.

The results in Appendix A give some light on how well the sample split was made on the Wando River and the sizing analyses show the tin to be concentrated in a narrow size range, namely about three quarters of the tin is in fractions between 250 and 75 µm.

From Appendices B & C it can be concluded that better sampling is obtained after grinding the non-magnetic material.

Artificial compacting of the sediments gave densities ranging 1.4 to 1.9 t/m$^3$ with a mean of 1.6 t/m$^3$ for in situ sandy material (Appx D)

An examination of the small amount of magnetic material in the samples showed it was titaniferrous but the chromium content would preclude its use (AppxE).

In Appendix F five special samples were treated in the routine way and then all the products were weighed and assayed to obtain a metallurgical balance. This work showed a bias to a higher calculated head mass by the routine method adopted and hence a lower calculated head grade by about 3%. The tin recovery in the non-magnetic products assayed was greater than 90%.

## Comment

From the work done on preparation of samples for analysis the non-magnetic product should be ground before being sampled and analysed. However the impression after duplicate assays were done on about fifty samples using this modified sampling procedure is that although there were significant differences in individual results overall there would be little material difference.

The most significant factor affecting the results is from the moisture content of the samples. This appears to have been biased with the result that a head value calculated at 100 g/t would in fact be 103 g/t.

Without the origin of the five samples used in Appx. F it is not possible to comment with any degree of certainty about the Ringarooma Bay sediments but assuming these five came from an indicated favourable area (grade over 100 g/t Sn) then one could conclude that gravity concentration could recover more than 90% of tin in around 5% of the mass. Such a concentrate would assay around 0.3% Sn. The sizing analyses in Appx. A indicate a concentration of tin in readily recoverable size fractions. These findings contrast with the findings of R590 where the tin appeared to be evenly distributed in all size fractions and not easily concentrated.

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**Conclusion**

While the samples selected for special investigations appear to be more or less randomly chosen from samples being processed at the time of their choice the information derived from them suggests gravity concentration can recover a high percentage of the tin in a relatively low mass of concentrate.

However in view of the small number of samples given any special treatment and the rather different picture from R590 I believe further test work should be done using the samples still held here from this drilling.

(H. K. Wellington)
Chief Chemist & Metallurgist

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## BG18: Sizing Tests - Appendix A.

Four samples that had previously been processed according to the flowsheet and that had shown high tin assays were selected for further treatments. GMAG split from the residual part of the original sample they were holding, samples for this work.

The original samples and results together with the second samples and the calculated heads after sizing analysis were:-

| Original Samples | | | Second Samples | |
|---|---|---|---|---|
| Reg. No. | GMAG No. | Assay (g/t Sn) | Reg. No. | Calc. Assay (g/t Sn) |
| 663937 | MB 135 | 196 | 664505 | 300 |
| 663962 | MB 160 | 88 | 664506 | 40 |
| 663963 | MB 161 | 151 | 664507 | 180 |
| 663989 | MB 187 | 96 | 664508 | 110 |

In making a comparison between the two tin results above it is necessary to keep in mind the following points, namely:-

1. The original result is a recoverable tin figure and does not include tin lost in tailings.
2. The calculated result is the result of a sizing analysis and the separate assay of a number of size fractions.
3. Under these conditions one would expect the sizing analysis head assay to be the greater.
4. In all the above notes the assumption is made that the original split of the core on the "Wando River" produced two identical samples and that the subsequent taking of a split from the GMAG sample was representative of what they were holding.

In view of the problems involved the agreement is considered reasonable.

The results of the sizing analyses and tin distributions are:-

## MINING ASSAYING & TIN DISTRIBUTION

| Rec. No | | 664505 | | | 664506 | | | 664507 | | | 664508 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CSIRO No. | | NE 135 | | | NE 160 | | | NE 161 | | | NE 187 | | |
| Fraction | Mass (%) | Assay (g/t Sn) | Tin Dis. (%) | Mass (%) | Assay (g/t Sn) | Tin Dis. (%) | Mass (%) | Assay (g/t Sn) | Tin Dis (%) | Mass (%) | Assay (g/t Sn) | Tin Dis (%) |
| +1.7 mm | 29.8 | 80 | 7 | 11.1 | 80 | 20 | 4.8 | N | 0 | 8.6 | 80 | 6 |
| +700 µm | 26.6 | N | 0 | 8.3 | N | 0 | 1.9 | N | 0 | 12.9 | N | 0 |
| +355 µm | 18.4 | 80 | 4 | 27.7 | N | 0 | 4.4 | N | 0 | 13.3 | 80 | 10 |
| +250 µm | 5.7 | 250 | 4 | 24.5 | N | 0 | 6.1 | N | 0 | 8.6 | N | 0 |
| +150 µm | 5.7 | 3100 | 51 | 21.2 | 170 | 80 | 27.3 | 170 | 26 | 17.0 | 250 | 39 |
| + 75 µm | 4.2 | 2600 | 32 | 4.5 | N | 0 | 26.4 | 170 | 25 | 19.2 | 170 | 30 |
| - 75 µm | 9.6 | 80 | 2 | 2.7 | N | 0 | 29.1 | 300 | 49 | 20.4 | 80 | 15 |
| | 100 | (300) | 100 | 100 | (40) | 100 | 100 | (180) | 100 | 100 | (110) | 100 |

Each sample was wet screened on 75 µm then the oversize dried and screened on above sieves

N = Nil.

**Comment**

In all samples the higher assays are in the -250 µm fractions. The -250, +75 µm fractions in all samples contain most of the tin. The only sample containing a high proportion of the tin in the -75 µm fraction is 664507.

In 664505 which is much coarser material than the rest 83% of the tin occurs in only 10% of the mass in the -250 + 75 µm fraction.

## RS18: Check Sampling & Assaying - Appendix B.

Five samples were selected to cover ranges of values for Sn, Ti & Zr found during the routine work.

In each of the five samples the remaining unground non-magnetic concentrate was riffled into four fractions and each fraction assayed.

In the main table of results the five sets of results are given under the bore hole and CSIRO sample number. The following gives the five samples thus treated and a summary of the results obtained. The results are calculated back to head assays.

| Res. No | CSIRO No. | Assay (g/t) | | | | | |
|---|---|---|---|---|---|---|---|
| | | Sn | | Ti | | Zr | |
| | | H* | L* | H | L | H | L |
| 670179 | MB 631 | 160 | 126 | 17 | 13 | 42 | 29 |
| 670194 | MB 646 | 134 | 76 | 82 | 64 | 228 | 164 |
| 670595 | MB 938 | 44 | 38 | 22 | N+ | 56 | 33 |
| 670633 | MB 996 | 20 | 10 | 19 | 15 | 41 | 38 |
| 670661 | MB 1024 | 20 | 18 | 63 | 42 | 71 | 55 |

* H = Highest result  L = Lowest result

\+ N = Nil.

The assay sampling method employed above was to weigh out unground material and the known mass of internal standard then grind the mixture to produce the XRF pellet. Segregation could occur in this sampling.

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## RG18: Further Check Sampling & Assaying - Appendix G

Three samples were selected for this investigation. The unground non-magnetic concentrate was ground to stabilise the mixture against segregation. The sampling was done, an amount weighed out, the known mass of internal standard added and the mixture ground to produce the XRF pellet.

In the following table of results the original result obtained and those subsequently obtained from what was left of the non-magnetic material from each sample. The results are calculated back to head assays.

| Res. No. | CHAC No. | Assay (g/t Sn) | | | | |
|---|---|---|---|---|---|---|
| | | Original | Repeats | | | |
| 670193 | MB 645 | 44 | 28 | 28 | 26 | 28 |
| 670637 | MB 1000 | 17 | 28 | 30 | 28 | 27 |
| 670671 | MB 1034 | 107 | 84 | 85 | 87 | 85 |

This showed more consistent results than previously were obtained when sampling was done on unground material.

Accordingly twenty five samples showing tin values greater than 49 g/t and seventeen other samples from the section of results where segregation in assay sampling may have occurred were repeated after grinding what was left of the non-magnetic concentrate from each sample. The results of these repeat assays are shown in the table of results as "duplicate assays".

## RS18: Density of Sediment - Appendix D.

The density of Ringarooma Bay sediments was determined on seven samples.

Composite samples were made using the moisture samples from individual samples.

After weighing the dry samples were placed in a volume box under water and compacted by the motion of the Tyler "Rotap" for 15 minutes. The volume occupied by the solids was then measured. The densities were originally reported in pounds per cubic foot. (lb/c.f.)

| Composite Samples Used | | Density | |
|---|---|---|---|
| Nos. Nos | CSIRO Nos. | (lb/c.f.) | ($t/m^3$) |
| 663954-663971 | NB 152-169 | 93 | 1.5 |
| 663980-663993) | NB 186-191) | | |
| 663997-664005) | NB 192-200) | 105 | 1.7 |
| 664026-664041 | NB 221-236 | 90 | 1.4 |
| 664070-664098 | NB 265-293 | 109 | 1.8 |
| 670045-670059 | NB 585-600 | 116 | 1.9 |
| 670117-670141 | NB 506-530 | 90 | 1.4 |
| 670142-670152) | NB 531-541) | | |
| 670160-670178) | NB 612-630) | 98 | 1.6 |

## R010: Chromium Content of Magnetics - Appendix E.

A composite sample of magnetics separated from Samples 664324 to 664335 (CMAC MR 489 to 500) inclusive were further magnetically separated into four fractions by differing magnetic strengths. In all 64.6g was so treated.

The samples used for this test were chosen at random. The amount of magnetic material derived from the original samples was very small, generally less than 0.1% by mass.

Three magnetic products were assayed for Ti & Cr. The fourth product appeared to be mainly garnet and was not further treated.

The results obtained were:-

| Product | Mass (%) | Assay (%) $TiO_2$ | Assay (%) Cr. | Remarks |
|---|---|---|---|---|
| M/A 1 | 2.9 | 30.8 | 0.36 | |
| M/A 2 | 26.0 | 33.2 | 0.12 | |
| M/A 3 | 4.5 | 40.3 | 0.09 | |
| M/A 4 | 55.1 | | | Garnet |
| N | 11.5 | | | |
| N | 100 | | | |

Pure ilmenite contains 52.7% $TiO_2$ hence pure ilmenite does not appear to be present. The chromium content would preclude use of this material in titanium dioxide production.

## M818: Tin Distribution - Appendix F.

Five samples were submitted first for normal concentration but additionally all products were kept, dried, weighed and assayed and a tin balance calculated for each. The tin recovery and the head grades obtained by the routine examination and from the metallurgical balance could then be compared.

| Reg. No. | CMAS No. | Product | Mass (g) | Assay (g/t Sn) | Tin Dist. (%) | Remarks |
|---|---|---|---|---|---|---|
| 670686 | 1 | H | 5.95 | 3000 | 93.2 | Dry Mass |
| | | M/A | 0.05 | ND* | - | 6.378 kg |
| | | C/H.T | 33.4 | 12 | 2.1 | Calc. Mass |
| | | T.T | 60.6 | 15 | 4.7 | 6.81 kg |
| | | H | 100 | (192) | 100 | |
| Recovered head from H | | | | 179 | | |
| Routine result | | | | 167 | | |
| 670687 | 2 | H | 3.30 | 4600 | 93.0 | Dry Mass |
| | | M/A | 0.06 | ND | - | 9.112 kg |
| | | C/H.T. | 53.45 | 9 | 3.0 | Calc. Mass |
| | | T.T | 43.19 | 15 | 4.0 | 9.23 kg |
| | | H | 100 | (163) | 100 | |
| Recovered head from H | | | | 152 | | |
| Routine result | | | | 150 | | |
| 670688 | 3 | H | 6.77 | 3300 | 100 | Dry Mass |
| | | M/A | 0.08 | ND | - | 4.806 kg |
| | | C/H.T. | 50.02 | Nil | - | Calc. Mass |
| | | T.T | 43.13 | Nil | - | 4.92 kg |
| | | H | 100 | (223) | 100 | |
| Recovered head from H | | | | 223 | | |
| Routine result | | | | 218 | | |
| 670689 | 4 | H | 6.97 | 800 | 93.7 | Dry Mass |
| | | M/A | 0.04 | ND | - | 5.689 kg |
| | | C/H.T. | 62.48 | 6 | 6.3 | Calc. Mass |
| | | T.T | 30.51 | Nil | - | 5.92 kg |
| | | H | 100 | (59) | 100 | |
| Recovered head from H | | | | 56 | | |
| Original result | | | | 54 | | |

| Res. No. | SMAG No. | Product | Mass (g) | Assay (g/t Sn) | Sn Dist (%) | Remarks |
|---|---|---|---|---|---|---|
| 670690 | 5 | N | 7.93 | 1300 | 89.3 | Dry Mass |
| | | N/A | 0.12 | ND | - | 7.901 kg |
| | | C/Z.T. | 64.11 | 18 | 10.7 | Calc. Mass |
| | | Z.T | 28.38 | Nil | - | 8.17 kg |
| | | N | 100 | (108) | 100 | |
| Recovered head from N | | | | 96 | | |
| original result | | | | 93 | | |

*ND.= not determined. The mass of magnetics (N/A) is very small and would have to assay more than 900 g/t Sn to affect the results. This is unlikely.

Comment

These results show a bias to a higher mass in the calculated dry head than was found when all the products were dried and weighed. The difference between the recovered head from the metallurgical balance and that derived from the routine method directly relates to the dry mass used although conceivably there could be some affect caused by slow settling slime being decanted from samples.

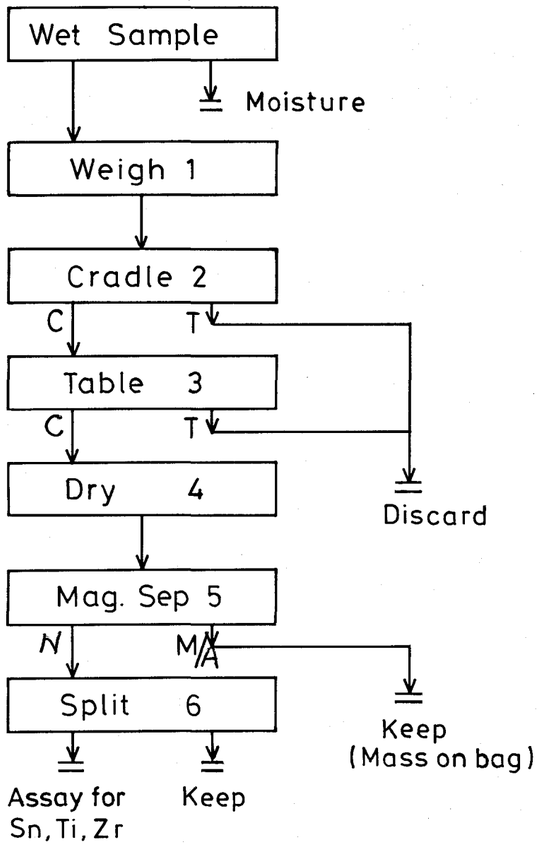
The tin recovered appears to be high in all samples, greater than 90%.

# R818

# OCEAN MINING A.G.

## Drilling Program 1966-67, Ringarooma Bay

## FLOWSHEET FOR SAMPLE TREATMENT




## CALCULATION SHEET

| Reg. No. | Wet Mass (kg) | Moisture | | Dry Mass (kg) | Non-Mag. | | | | Head Assay | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Wet Mass(g) | Dry Mass(g) | | Mass (g) | Assay % | | | N % | Metals (g/t) | | |
| | | | | | | Sn | Ti | Zr | | Sn | Ti | Zr |
| Example 669999 | 12·65 | 210 | 180 | (10·85) | 212·3 | 1·2 | 10·6 | 15·3 | (1·7) | (236) | (2080) | (3000) |
| ( ) = calculated figures | | | | | | | | | | | | |
| symbols | $W_w$ | $w_w$ | $w_d$ | $W_d$ | N | S | T | Z | n | s | t | z |

## CALCULATIONS

### DRY MASS

$$W_d = \frac{W_w \cdot w_d}{w_w}$$

where $W_d$ = dry mass in kg
$W_w$ = wet mass in kg
$w_d$ = dry mass of sample in gm
$w_w$ = wet mass of sample in gm

### NON-MAGNETIC FRACTION

$$n = \frac{N}{10.W_d}$$

where $n$ = % non-mags in head
$N$ = mass of non-mags in gm

### METAL CONTENT OF HEAD SAMPLE

$$m = \frac{10.N.M}{W_d}$$

where $m$ = metal content in g/t
$M$ = % of M in non-mags

$$= 100.n.M$$

hence $s = 100.n.S$
$t = 100.n.T$
$z = 100.n.Z$

where $s$ = tin content in g/t
$S$ = % tin in non-mags
$t$ = titanium content (rutile)* in g/t
$T$ = % Ti in non-mags
$z$ = zirconium content (zircon)* in g/t
$Z$ = % Zr in non-mags

*this refers to titanium and zirconium occurring as rutile and zircon respectively and not to the amount of these minerals present.

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# OCEAN MINING A.G. - ASSAY RESULTS

## Drilling in Ringarooma Bay, 1966 - 1967

In the following table the following abbreviations are used:-

ft = feet of water or sampling interval

N (%) = percentage of non-magnetics in original sample

H Assay = head assay of original sample

g/t = grams/tonne (or parts per million mass/mass basis)

T = trace in assay columns

N = nil in assay columns

NOTES

In compiling this table the following sources have been used:-

1.1. Files showing results held in the Mines Dept. Laboratory, Launceston.

1.2. Records held by Geological Survey in Hobart.

1.3. Information supplied by Santos Ltd of Adelaide which included information from the Electrolytic Zinc Company's files, and

1.4. Australian Anglo American files in Melbourne.

2. It would appear that OMAG reporting from Hole 106 onwards failed to record the sample intervals as none of the above sources have this information.

| Hole No. | Water (ft) | Interval (ft) | OMAG No. | Register No. | N (%) | H. Assay (g/t) Sn | Ti | Zr | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 54 | 0 - 3 (3') | NE 1 | 663739 | 0.03 | T | 17 | 10 | |
| | | 3 - 5.5 (2.5) | 2 | 40 | 0.06 | T | 44 | 22 | |
| | | 5.5 - 7 (1.5) | 3 | 1 | 0.09 | T | 9 | 6 | |
| | | 7 - 8.5 (1.5) | 4 | 2 | 0.02 | T | 3 | 2 | |
| 2 | 84 | 0 - 3 (3') | 5 | 3 | 0.05 | 67 | 7 | 9 | |
| | | 3 - 6 (3) | 6 | 4 | 0.03 | 21 | N | 4 | |
| | | 6 - 8.5 (2.5) | 7 | 5 | 0.02 | 3 | 4 | 4 | |
| | | 8.5 - 10.5 (2.0) | 8 | 6 | 0.02 | 1 | 5 | 8 | |
| | | 10.5 - 12.5 (2.0) | 9 | 7 | 0.10 | 1 | 8 | 10 | |
| | | 12.5 - 14.5 (2.0) | 10 | 8 | 0.08 | T | 9 | 11 | |
| | | 14.5 - 16.5 (2.0) | 11 | 9 | 0.06 | T | 4 | 4 | |
| | | 16.5 - 18.5 (2.0) | 12 | 50 | 0.07 | T | 5 | 7 | |
| | | 18.5 - 20.5 (2.0) | 13 | 1 | 0.12 | N | 14 | 8 | |
| | | 20.5 - 22.5 (2.0) | 14 | 2 | 0.12 | N | 29 | 8 | |
| | | 22.5 - 24.5 (2.0) | 15 | 3 | 0.12 | N | 14 | 8 | |
| | | 24.5 - 26.5 (2.0) | 16 | 4 | 0.41 | 2 | 10 | 9 | |
| | | 26.5 - 28.5 (2.0) | 17 | 5 | 0.06 | N | 18 | 14 | |
| | | 28.5 - 30.5 (2.0) | 18 | 6 | 0.10 | 1 | 79 | 41 | |
| 3 | 65 | 0 - 3 | 19 | 7 | 0.09 | 3 | 72 | 37 | |
| | | 3 - 6 | 20 | 8 | 0.16 | 6 | 32 | 26 | |
| | | 6 - 9 | 21 | 9 | 0.06 | T | 6 | 7 | |

| Hole No. | Water (ft) | Interval (ft) | OMAG No. | Register No. | N (%) | H. Assay (g/t) Sn | Ti | Zr | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 4 | 58 | 0 - 3 | NE 22 | 663760 | 0.07 | T | 71 | 54 | |
| | | 3 - 4.5 | 23 | 1 | 0.14 | T | 28 | 43 | |
| | | 4.5 - 6.5 | 24 | 2 | 0.06 | T | 44 | 57 | |
| | | 6.5 - 9.0 | 25 | 3 | 0.11 | T | 33 | 68 | |
| | | 9.0 - 11.0 | 26 | 4 | 0.11 | N | 11 | 44 | |
| | | 11.0 - 14.0 | 27 | 5 | 0.10 | N | 7 | 28 | |
| | | 14.0 - 17.0 | 28 | 6 | 0.30 | N | 12 | 44 | |
| | | 17.0 - 19.5 | 29 | 7 | 1.02 | N | 12 | 15 | |
| | | 19.5 - 21.5 | 30 | 8 | 0.54 | N | N | 27 | |
| | | 21.5 - 23.5 | 31 | 9 | 0.08 | T | 29 | 27 | |
| 5 | 83 | 0 - 2.5 | 32 | 70 | 0.14 | T | 26 | 29 | |
| | | 2.5 - 6.0 | 33 | 1 | 0.13 | T | 21 | 48 | |
| | | 6.0 - 8.5 | 34 | 2 | 0.44 | N | 8 | 127 | |
| | | 8.5 - 10 | 35 | 3 | 0.22 | N | 5 | 11 | |
| | | 10 - 11.5 | 36 | 4 | 0.61 | N | 15 | 32 | |
| 6 | 74 | 0 - 2 | 37 | 5 | 0.12 | T | 38 | 48 | |
| | | 2 - 3.5 | 38 | 6 | 0.10 | T | 52 | 50 | |
| | | 3.5 - 6 | 39 | 7 | 0.28 | N | 72 | 68 | |
| | | 6 - 9.5 | 40 | 8 | 0.51 | 8 | 25 | 74 | |
| | | 9.5 - 12.0 | 41 | 9 | 0.26 | 3 | 6 | 6 | |
| | | 12 - 14 | 42 | 80 | 0.28 | 1 | 3 | 4 | |
| | | 14 - 15.5 | 43 | 1 | 0.83 | T | 10 | N | |
| | | 15.5 - 18.5 | 44 | 2 | 0.61 | N | 11 | N | |

| Hole No. | Water (ft) | Interval (ft) | OMAG No. | Register No. | N (%) | H. Assay (g/t) Sn | Ti | Zr | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 7 | 74 | 0 - 3 | NE 45 | 663849 | 0.11 | T | 48 | 61 | |
| | | 3 - 5.5 | 46 | 50 | 0.09 | T | 8 | 8 | |
| | | 5.5 - 9.0 | 47 | 1 | 0.12 | 8 | 82 | 166 | |
| | | 9.0 - 11.0 | 48 | 2 | 0.08 | 4 | 48 | 52 | |
| | | 11.0 - 15.0 | 49 | 3 | 0.16 | T | 87 | 99 | |
| | | 15.0 - 18.5 | 50 | 4 | 0.18 | N | 104 | 89 | |
| | | 18.5 - 20.5 | 51 | 5 | 0.12 | N | 7 | 4 | |
| | | 20.5 - 22.5 | 52 | 6 | 0.18 | T | 13 | 12 | |
| | | 22.5 - 25.0 | 53 | 7 | 0.08 | T | 16 | 17 | |
| | | 25.0 - 28.5 | 54 | 8 | 0.09 | 1 | 19 | 24 | |
| | | 28.5 - 31.0 | 55 | 9 | 0.27 | 14 | 29 | 54 | |
| | | 31.0 - 34.0 | 56 | 60 | 0.55 | 6 | 17 | 29 | |
| | | 34.0 - 31.5 + | 57 | 1 | 0.59 | 9 | 7 | N | |
| 8 | 62 | 0 - 2 | 58 | 2 | 0.07 | 6 | 28 | 33 | |
| | | 2 - 5 | 59 | 3 | 0.06 | 9 | 33 | 41 | |
| | | 5 - 8 | 60 | 4 | 0.08 | 5 | 30 | 39 | |
| | | 8 - 10.5 | 61 | 5 | 0.08 | 9 | 31 | 60 | |
| | | 10.5 - 12.5 | 62 | 6 | 0.19 | 29 | 29 | 39 | |
| | | 12.5 - 15.0 | 63 | 7 | 0.72 | 19 | 31 | 32 | |
| | | 15.0 - 18.0 | 64 | 8 | 0.49 | 2 | 12 | N | |
| | | 18 - 20.5 | 65 | 9 | 0.12 | 5 | 13 | 12 | |
| | | 20.5 - 22.5 | 66 | 70 | 0.08 | 4 | 11 | 13 | |
| | | 22.5 - 25 | 67 | 1 | 0.13 | 38 | 11 | 20 | |
| | | 25 - 28 | 68 | 2 | 0.11 | 7 | 6 | 8 | |

| Hole No. | Water (ft) | Interval (ft) | OMAG No. | Register No. | N (%) | H. Assay (g/t) Sn | Ti. | Zr | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 8 | 62 | 28.0 - 30.5 | NE 69 | 663873 | 0.19 | 5 | 9 | 10 | |
| | | 30.5 - 32.0 | 70 | 4 | 0.31 | 3 | 7 | 11 | |
| | | 32.0 - 35 | 71 | 5 | 0.36 | T | 9 | 13 | |
| | | 35 - 37 | 72 (73) | 6 | 0.32 | T | 6 | 7 | No sample recd. |
| 9 | 71 | 0 - 3.5 | 74 | 7 | 0.36 | T | 68 | 94 | |
| | | 3.5 - 6.5 | 75 | 8 | 0.33 | T | 22 | 30 | |
| | | 6.5 - 9 | 76 | 9 | 0.25 | T | 20 | 13 | |
| | | 9 - 11 | 77 | 80 | 0.16 | T | 31 | 27 | |
| | | 11 - 13 | 78 | 1 | 0.47 | T | 14 | 21 | |
| | | 13 - 15.5 | 79 | 2 | 0.15 | 7 | 12 | 18 | |
| | | 15.5 - 18.5 | 80 | 3 | 0.10 | 4 | 24 | 4 | |
| | | 18.5 - 20.5 | 81 | 4 | 0.12 | 22 | 28 | 42 | |
| | | 20.5 - 23 | 82 | 5 | 0.06 | 8 | 4 | 4 | |
| | | 23 - 25 | 83 | 6 | 0.06 | T | 1 | N | |
| 10 | 75 | 0 - 2.5 | 84 | 7 | 1.28 | 10 | 31 | 56 | |
| | | 2.5 - 4 | 85 | 8 | 0.57 | 9 | 36 | 82 | |
| | | 4 - 6.5 | 86 | 9 | 0.22 | 4 | 20 | 40 | |
| | | 6.5 - 9 | 87 | 90 | 0.09 | 8 | 12 | 23 | |
| | | 9 - 12 | 88 | 1 | 0.26 | 1 | 13 | 35 | |
| | | 12 - 13.5 | 89 | 2 | 0.44 | 2 | 19 | 39 | |
| | | 13.5 - 15 | 90 | 3 | 0.10 | T | 54 | 56 | |

| Hole No. | Water (ft) | Interval (ft) | OMAG No. | Register No. | N (%) | H. Assay (g/t) Sn | Ti | Zr | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 11 | 73 | 2 - 5 | NE 91 | 663894 | 0.13 | T | 41 | 39 | |
| | | 5 - 8 | 92 | 5 | 0.07 | T | 14 | 13 | |
| | | 8 - 10 | 93 | 6 | 0.10 | 2 | 9 | 5 | |
| | | 10 - 13 | 94 | 7 | 0.10 | 12 | 12 | 17 | |
| | | 13 - 15.5 | 95 | 8 | 0.04 | 10 | 5 | 9 | |
| | | 15.5 - 17.5 | 96 | 9 | 0.03 | 2 | 4 | 7 | |
| | | 17.5 - 20.5 | 97 | 900 | 0.08 | T | 11 | 19 | |
| | | 20.5 - 23 | 98 | 1 | 0.05 | T | 11 | 18 | |
| | | 23.0 - 25.5 | 99 | 2 | 0.48 | N | 21 | 11 | |
| | | 25.5 - 28.5 | 100 | 3 | 0.27 | T | 15 | 12 | |
| 12 | 87 | 0 - 2.5 | 101 | 4 | 0.08 | 10 | 8 | 21 | |
| | | 2.5 - 5 | 102 | 5 | 0.10 | 1 | 17 | 21 | |
| | | 5 - 7 | 103 | 6 | 0.17 | T | 18 | 14 | |
| | | 7 - 9 | 104 | 7 | 0.28 | T | 20 | 21 | |
| | | 9 - 12 | 105 | 8 | 0.45 | T | 33 | 34 | |
| | | 12 - 13.5 | 106 | 9 | 0.28 | 1 | 45 | 59 | |
| 13 | 88 | 0 - 2.5 | 107 | 10 | 0.47 | 6 | 35 | 50 | |
| | | 2.5 - 5 | 108 | 1 | 0.32 | 5 | 32 | 44 | |
| 14 | 82 | 0 - 2 | 109 | 2 | 0.91 | 4 | N | N | |
| | | 2 - 4 | 110 | 3 | 0.31 | 1 | 6 | N | |
| | | 4 - 5.5 | 111 | 4 | 0.49 | T | 9 | N | |
| | | 5.5 - 7 | 112 | 5 | 0.43 | N | 8 | 9 | |
| | | | 113 | | | | | | No Sample |

| Hole No. | Water (ft) | Interval (ft) | OMAG No. | Register No. | N (%) | H. Assay (g/t) Sn | Ti | Zr | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 15 | 86 | 0 - 3.5 | NE 114 | 663916 | 0.09 | T | 11 | 6 | |
| | | 3.5 - 5.5 | 115 | 7 | 0.20 | 2 | 19 | 17 | |
| | | 5.5 - 8.5 | 116 | 8 | 0.15 | 3 | 8 | 10 | |
| | | 8.5 - 11 | 117 | 9 | 0.12 | T | 11 | 17 | |
| | | 11 - 13.5 | 118 | 20 | 0.10 | 1 | 9 | 18 | |
| | | 13.5 - 16 | 119 | 1 | 0.07 | 2 | 4 | 6 | |
| | | 16 - 18 | 120 | 2 | 0.31 | 6 | 47 | 58 | |
| | | 18 - 20.5 | 121 | 3 | 0.32 | 9 | 22 | 44 | |
| | | 20.5 - 23.5 | 122 | 4 | 0.22 | 7 | 68 | 99 | |
| | | 23.5 - 25 | 123 | 5 | 0.43 | 17 | 61 | 150 | |
| 16 | 98 | 0 - 2 | 124 | 6 | 0.94 | 2 | 23 | 36 | |
| | | 2 - 3.5 | 125 | 7 | 0.07 | T | 19 | 36 | |
| | | 3.5 - 5.5 | 126 | 8 | 0.01 | T | 32 | 60 | |
| | | 5.5 - 8 | 127 | 9 | 0.20 | 1 | 15 | 21 | |
| 17 | 82 | | 128 | 30 | | | | | |
| | | | 129 | 1 | | | | | |
| | | | 130 | 2 | | | | | No Concentrate |
| | | | 131 | 3 | | | | | |
| | | | 132 | 4 | | | | | |
| 18 | 109 | 0 - 2.5 | 133 | 5 | 0.12 | 4 | 23 | 23 | |
| | | 2.5 - 5 | 134 | 6 | 0.15 | 49 | 10 | 21 | |
| | | 5 - 7.5 | 135 | 663937 | 0.20 | 196 | 16 | 44 | |
| | | | | 664505 | | 300 | | | See Appx A |

| Hole No. | Water (ft) | Interval (ft) | OMAG No. | Register No. | N (%) | H. Assay (g/t) Sn | Ti | Zr | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 18 | 109 | 7.5 - 9 | NE 136 | 663938 | 0.11 | 6 | 3 | 3 | |
| | | 9 - 10.5 | 137 | 9 | 0.19 | 2 | N | N | |
| | | 10.5 - 16.5 | 138 | 40 | 0.03 | 3 | 5 | 6 | |
| | | 16.5 - 19.5 | 139 | 1 | 0.03 | 1 | 6 | 12 | |
| | | 19.5 - 21 | 140 | 2 | 0.06 | T | 3 | 3 | |
| 19 | 106 | 0 - 2.5 | 141 | 3 | 0.82 | 43 | 15 | 48 | |
| | | 2.5 - 5 | 142 | 4 | 0.17 | 9 | 4 | 10 | |
| | | 5 - 7.5 | 143 | 5 | 0.12 | T | 7 | 5 | |
| | | 7.5 - 10 | 144 | 6 | 0.27 | T | 6 | 8 | |
| | | 10 - 12.5 | 145 | 7 | 0.06 | T | 3 | 3 | |
| | | 12.5 - 15 | 146 | 8 | 0.16 | N | N | N | |
| | | 15 - 17.0 | 147 | 9 | 0.08 | T | 1 | N | |
| | | 17.0 - 18 | 148 | 50 | 0.24 | 2 | 10 | 9 | |
| 20 | 95 | 0 - 3 | 149 | 1 | 0.09 | 2 | 37 | 51 | |
| | | 3 - 5.5 | 150 | 2 | 0.25 | T | 7 | 7 | |
| | | 5.5 - 8 | 151 | 3 | 0.07 | 2 | 2 | 3 | |
| | | 8 - 10.5 | 152 | 4 | 0.26 | 3 | 13 | 20 | |
| | | 10.5 - 13 | 153 | 5 | 0.13 | 2 | 3 | 6 | |
| | | 13 - 15 | 154 | 6 | 0.09 | 54 | 2 | 4 | |
| 21 | 101 | 0 - 3.5 | 155 | 7 | 0.18 | 2 | 58 | 85 | |
| | | 3.5 - 5.5 | 156 | 8 | 0.11 | T | 23 | 27 | |
| | | 5.5 - 8 | 157 | 9 | 0.08 | T | 18 | 25 | |
| | | 8 - 10.5 | 158 | 60 | 0.15 | 3 | 26 | 39 | |
| | | 10.5 - 13 | 159 | 1 | 0.18 | 50 | 18 | 47 | |

| Hole No. | Water (ft) | Interval (ft) | OMAG No. | Register No. | N (%) | H. Assay (g/t) Sn | Ti | Zr | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 21 | 101 | 13 - 16 | NE 160 | 663962 | 0.21 | 88 | 15 | 36 | |
| | | | | 664506 | | 40 | | | See Appx A |
| | | 16 - 19 | 161 | 663963 | 0.20 | 151 | 20 | 56 | |
| | | | | 664507 | | 180 | | | See Appx A |
| | | 19 - 21 | 162 | 663964 | 0.17 | 4 | 10 | 34 | |
| | | 21 - 23 | 163 | 5 | 0.09 | 2 | 7 | 32 | |
| | | 23 - 26 | 164 | 6 | 0.18 | 2 | 7 | 13 | |
| | | 26 - 28 | 165 | 7 | 0.13 | N | 10 | T | |
| | | 28 - 30.5 | 166 | 8 | 0.15 | N | 17 | 39 | |
| | | 30.5 - 32 | 167 | 9 | 0.05 | 2 | 13 | 22 | |
| 22 | 87 | 0 - 2 | 168 | 70 | 0.24 | T | 62 | 96 | |
| | | 2 - 5 | 169 | 1 | 0.06 | T | 18 | 26 | |
| | | | 170 | 2 | | | | | Clays Not Treated |
| | | | 171 | 3 | | | | | |
| | | | 172 | 4 | | | | | |
| | | | 173 | 5 | | | | | |
| 23 | 65 | 0 - 3 | 174 | 6 | 0.13 | N | 43 | 60 | |
| | | 3 - 7 | 175 | 7 | 0.09 | T | 26 | 32 | |
| | | 7 - 10 | 176 | 8 | 0.09 | T | 37 | 50 | |
| | | 10 - 12 | 177 | 9 | 0.10 | T | 40 | 27 | |
| | | 12 - 14 | 178 | 80 | 0.14 | N | 36 | 53 | |
| | | | 179 | 1 | 0.28 | N | 34 | 59 | |
| | | | 180 | 2 | 0.19 | N | 23 | 36 | |

| Hole No. | Water (ft.) | Interval (ft.) | OMAG No. | Register No. | N (%) | H. Assay (g/t) Sn | Ti | Zr | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 23 | | | NE 181 | 663983 | 0.07 | 1 | 34 | 51 | |
| | | | 182 | 4 | 0.09 | T | 29 | 53 | |
| | | | 183 | 5 | 0.18 | T | 61 | 83 | |
| | | | 184 | 6 | 0.08 | T | 5 | 6 | |
| | | | 185 | 7 | 0.06 | 2 | 10 | 8 | |
| | | | 186 | 8 | 0.13 | 52 | 14 | 4 | |
| | | | 187 | 9 | 0.16 | 96 | 7 | 34 | |
| Bedrock recorded at 22 ft. but there seems too many samples for this to be true. | | | | 664508 | | 110 | | | See Apprx. A. |
| | | | 188 | 663990 | 0.27 | 7 | 43 | 82 | |
| | | | 189 | 1 | 0.42 | 6 | 38 | 103 | |
| 24 | 58 | 0 - 15 | 190 | 663992 | 0.32 | 3 | 25 | 24 | |
| 25 | 60 | 0 - 2 | 191 | 663993 | 0.31 | 1 | 21 | 16 | |
| 26 | 89 | 0 - 2 | 192 | 7 | 0.30 | N | 34 | 32 | |
| | | 2 - 4.5 | 193 | 8 | 0.13 | N | 17 | 18 | |
| | | 4.5 - 7 | 194 | 9 | 0.15 | N | 23 | 15 | |
| | | 7 - 10 | 195 | 664000 | 0.11 | T | 15 | 17 | |
| | | 10 - 12 | 196 | 1 | 0.16 | 1 | 62 | 91 | |
| | | 12 - 14 | 197 | 2 | 0.28 | N | 39 | 19 | |
| | | 14 - 16 | 198 | 3 | 1.12 | 2 | 225 | 414 | |
| | | 16 - 19 | 199 | 4 | 0.04 | T | 15 | 22 | |
| | | 19 - 21 | 200 | 5 | 0.27 | 2 | 5 | 4 | |
| | | 21 - 23 | 201 | 6 | 0.29 | T | 7 | 2 | |
| | | 23 - 25 | 202 | 7 | 0.06 | 1 | 3 | 1 | |
| | | 25 - 27 | 203 | 8 | 0.08 | 5 | 3 | 4 | |
| | | 27 - 31.5 | 204 | 9 | 0.25 | 7 | 5 | 6 | |
| | | 31.5 - 33 | 205 | 10 | 0.10 | 5 | 6 | 4 | |

| Hole No. | Water (ft) | Interval (ft) | OMAG No. | Register No. | N (%) | H. Assay (g/t) Sn | Ti | Zr | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 27 | 90 | 0 - 3 | 206 | 664011 | 0.25 | N | 34 | N | |
| | | 3 - 5.5 | 207 | 2 | 0.23 | T | 32 | 31 | |
| | | 5.5 - 8.5 | 208 | 3 | 0.33 | T | 18 | 30 | |
| | | 8.5 - 10.5 | 209 | 4 | 0.26 | T | 6 | 11 | |
| | | 10.5 - 12.5 | 210 | 5 | 0.15 | 16 | 30 | 48 | |
| | | 12.5 - 14.5 | 211 | 6 | 0.19 | 5 | 8 | 16 | |
| | | 14.5 - 17.5 | 212 | 7 | 0.09 | 4 | 9 | 17 | |
| | | 17.5 - 21 | 213 | 8 | 0.08 | 6 | 11 | 16 | |
| | | 21 - 22.5 | 214 | 9 | 0.09 | 5 | 6 | 9 | |
| 28 | 105 | 0 - 2.5 | 215 | 664020 | 0.21 | 67 | 27 | 37 | |
| | | 2.5 - 5 | 216 | 1 | 0.23 | 41 | 11 | 24 | |
| | | 5 - 7.5 | 217 | 2 | 0.15 | T | 6 | 8 | |
| | | 7.5 - 10 | 218 | 3 | 0.31 | T | 7 | N | |
| | | 10 - 12.5 | 219 | 4 | 0.03 | T | 2 | 4 | |
| | | 12.5 - 15 | 220 | 5 | 0.14 | N | 9 | 12 | |
| | | 15 - 17.5 | 221 | 6 | 0.12 | N | 4 | N | |
| | | 17.5 - 19 | 222 | 7 | 0.17 | N | 7 | 3 | |
| 29 | 89 | 0 - 2 | 223 | 664025 | 0.11 | 5 | 7 | 6 | |
| | | 2 - 4 | 224 | 9 | 0.12 | T | 3 | 2 | |
| | | 4 - 8 | 225 | 30 | 0.11 | T | 3 | N | |
| | | 8 - 10 | 226 | 31 | 0.15 | T | 5 | 3 | |

| Hole No. | Water (ft) | Interval (ft) | OMAG No. | Register No. | N | H. Assay (g/t) Sn | Ti | Zr | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 30 | 95 | 0 - 3 | 227 | 664032 | 0.25 | 2 | 28 | 52 | |
| | | 3 - 6 | 228 | 3 | 0.41 | N | 15 | 31 | |
| | | 6 - 7 | 229 | 4 | 0.22 | T | 20 | 22 | |
| | | 7 - 9 | 230 | 5 | 0.06 | T | 26 | 24 | |
| | | 9 - 11 | 231 | 6 | 0.02 | T | 5 | 6 | |
| | | 11 - 13 | 232 | 7 | 0.10 | T | 12 | 13 | |
| | | 13 - 16.5 | 233 | 8 | 0.14 | T | 10 | 11 | |
| | | 16.5 - 18.5 | 234 | 9 | 0.09 | 1 | 9 | 14 | |
| | | 18.5 - 20.5 | 235 | 40 | 0.08 | N | 3 | 4 | |
| | | 20.5 - 23.5 | 236 | 1 | 0.04 | 2 | 5 | 8 | |
| | | 23.5 - 25 | 237 | 2 | 0.25 | 5 | 8 | 19 | |
| 31 | 102 | 0 - 2½ | 238 | 664043 | 0.79 | T | 9 | 23 | |
| | | 2½ - 5 | 239 | 4 | 0.21 | T | 6 | 14 | |
| | | 5 - 7 | 240 | 5 | 0.28 | N | 3 | 2 | |
| | | 7 - 9 | 241 | 6 | 0.16 | N | 7 | 19 | |
| 32 | 109 | 0 - 2 | 242 | 664047 | 0.33 | 2 | 33 | 49 | |
| | | 2 - 5 | 243 | 8 | 0.15 | T | 63 | 53 | |
| | | 5 - 7 | 244 | 9 | 0.15 | T | 45 | 49 | |
| | | 7 - 9 | 245 | 50 | 0.17 | 43 | 83 | 114 | |
| 33 | 106 | 0 - 3.5 | 246 | 664051 | 0.12 | 6 | 61 | 77 | |
| | | 3.5 - 6 | 247 | 2 | 0.11 | T | 24 | 18 | |
| | | 6 - 7.5 | 248 | 3 | 0.07 | T | 14 | 11 | |
| | | 7.5 - 10.5 | 249 | 4 | 0.14 | T | 29 | 22 | |
| | | 10.5 - 13 | 250 | 5 | 0.12 | T | 22 | 17 | |

| Hole No. | Water (ft.) | Interval (ft.) | OMAG No. | Register No. | N (%) | H. Assay (g/t) Sn. | Ti. | Zr. | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 33 cont. | | 13 - 15.5 | 251 | 664056 | 0.07 | T | 14 | 9 | |
| | | 15.5 - 18 | 252 | 7 | 0.23 | T | 38 | 40 | |
| | | 18 - 21 | 253 | 8 | 0.32 | T | 107 | 102 | |
| | | 21 - 23 | 254 | 9 | 0.08 | T | N | 1 | |
| 34 | 80 | 0 - 3 | 255 | 664060 | 0.14 | 5 | 14 | 22 | |
| | | 3 - 6.5 | 256 | 1 | 0.11 | 7 | 32 | 42 | |
| | | 6.5 - 8 | 257 | 2 | 0.26 | 11 | 52 | 80 | |
| | | 8 - 10 | 258 | 3 | 0.09 | 5 | 9 | 16 | |
| | | 10 - 12.5 | 259 | 4 | 0.10 | 1 | 5 | 10 | |
| | | 12.5 - 16 | 260 | 5 | 0.06 | 2 | 3 | 84 | |
| | | 16 - 20 | 261 | 6 | 0.40 | 8 | 122 | 27 | |
| | | 20 - 23 | 262 | 7 | 0.37 | 4 | 113 | 25 | |
| | | 23 - 26 | 263 | 8 | 0.29 | 10 | 24 | 42 | |
| | | 26 - 29 | 264 | 9 | 0.13 | 2 | 40 | 8 | |
| | | 29 - 31 | 265 | 70 | 0.40 | 2 | 5 | 9 | |
| | | 31 - 34 | 266 | 1 | 0.08 | T | 3 | 5 | |
| | | 34 - 36.5 | 267 | 2 | 0.23 | 2 | 4 | 10 | |
| | | 36.5 - 38.5 | 268 | 3 | 0.71 | N | N | N | |
| | | 38.5 - 41 | 269 | 4 | 0.93 | N | N | N | |
| | | 41 - 43 | 270 | 5 | 0.12 | 2 | 20 | 36 | |
| | | 43 - 45 | 271 | 6 | 0.42 | 5 | 13 | 34 | |
| 35 | 109 | 0 - 3.5 | 272 | 664077 | 0.11 | 12 | 27 | 32 | |
| | | 3.5 - 6 | 273 | 8 | 0.23 | 16 | 6 | 10 | |
| | | 6 - 9 | 274 | 9 | 0.06 | 3 | 4 | 7 | |
| | | 9 - 11.5 | 275 | 80 | 0.12 | 2 | 4 | 5 | |
| | | 11.5 - 13.5 | 276 | 1 | 0.13 | 3 | 5 | 8 | |
| | | 13.5 - 15 | 277 | 2 | 0.08 | 6 | 3 | 9 | |

| Hole No. | Water (ft) | Interval (ft) | OMAG No. | Register No. | M (%) | H. Assay (g/t) Sn | Ti | Zr | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 36 | 112 | 0 - 3 | 278 | 664083 | 0.11 | 121 | 13 | 40 | |
| | | 3 - 6 | 279 | 4 | 0.11 | 64 | 14 | 33 | |
| | | 6 - 9 | 280 | 5 | 0.21 | 116 | 19 | 56 | |
| | | 9 - 12 | 281 | 6 | 0.09 | 2 | 11 | 26 | |
| | | 12 - 16 | 282 | 7 | 0.03 | T | 3 | 7 | |
| | | 16 - 19 | 283 | 8 | 0.01 | T | 2 | 1 | |
| | | 19 - 20.5 | 284 | 9 | 0.27 | 10 | 8 | 12 | |
| 37 | 103 | 0 - 2 | 285 | 664090 | 0.16 | 1 | 40 | 53 | |
| | | 2 - 6 | 286 | 1 | 0.10 | 2 | 65 | 175 | |
| | | 6 - 9 | 287 | 2 | 0.09 | 1 | 37 | 53 | |
| | | 9 - 12 | 288 | 3 | 0.11 | 1 | 59 | 60 | |
| | | 12 - 15.5 | 289 | 4 | 0.12 | 1 | 65 | 74 | |
| | | 15.5 - 18 | 290 | 5 | 0.10 | 22 | 76 | 93 | |
| | | 18 - 21 | 291 | 6 | 0.11 | 50 | 33 | 67 | |
| | | 21 - 24 | 292 | 7 | 0.10 | 19 | 40 | 63 | |
| | | 24 - 25.5 | 293 | 8 | 0.15 | 5 | 15 | 22 | |
| | | 25.5 - 28 | 294 | 9 | 0.40 | 12 | 17 | 30 | |
| | | 28 - 30 | 295 | 100 | 0.09 | 8 | 6 | 10 | |
| | | 30 - 33 | 296 | 1 | 0.05 | 1 | 5 | 14 | |
| Core recovered to 37ft. Drilled to 41ft. | | 33 - 35.5 | 297 | 2 | 0.22 | 6 | 7 | 8 | |
| | | | 298 | 3 | | | | | No conc. |
| 38 | 113 | 0 - 4 | 299 | 664104 | 0.10 | 21 | 34 | 52 | |
| | | 4 - 5 | 300 | 5 | 0.06 | 4 | 10 | 12 | |
| | | 5 - 8 | 301 | 6 | 0.09 | 9 | 40 | 56 | |
| | | 8 - 11.5 | 302 | 7 | 0.19 | 14 | 46 | 74 | |

| Hole No. | Water (ft.) | Interval (ft.) | MAG No. | Register No. | (%) | H. Assay Sn. | Ti. | (g/t) Zr. | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 38 | 113 | 11.5 - 13.5 | 303 | 664108 | 0.17 | 51 | 23 | 40 | |
| | | 13.5 - 15 | 304 | 9 | 0.25 | 45 | 22 | 39 | |
| | | 15 - 18 | 305 | 10 | 2.38 | 45 | 300 | 19 | |
| | | 18 - 21.5 | 306 | 1 | 0.85 | 14 | 10 | 6 | |
| | | 21.5 - 23 | 307 | 2 | 0.63 | 1 | 8 | 9 | |
| | | 23 - 25 | 308 | 3 | 0.16 | 1 | 13 | 18 | |
| 39 | 75 | 0 - 3 | 309 | 664114 | 0.12 | 1 | 11 | 10 | |
| | | 3 - 5 | 310 | 5 | 0.13 | T | 15 | 17 | |
| | | 5 - 6 | 311 | 6 | 0.06 | T | 16 | 22 | |
| | | 6 - 10 | 312 | 7 | 0.05 | T | 13 | 16 | |
| | | 10 - 11½ | 313 | 8 | 0.07 | T | 44 | 42 | |
| | | 11½ - 13 | 314 | 9 | 0.20 | 21 | 44 | 59 | |
| | | 13 - 18 | | | | | | | |
| 40 | 93 | 0 - 4 | 315 | 664120 | 0.11 | 17 | 28 | 62 | |
| 41 | 102 | 0 - 3 | 316 | 664121 | 0.16 | 1 | 24 | 33 | |
| | | 3 - 6 | 317 | 2 | 0.02 | 1 | 9 | 9 | |
| | | 6 - 9 | 318 | 3 | 0.04 | 3 | 9 | 7 | |
| | | 9 - 10 | 319 | 4 | 0.31 | 1 | N | N | |
| | | 10 - 12 | 320 | 5 | 0.01 | T | T | 1 | |
| | | 12 - 15 | 321 | 6 | 0.01 | T | 2 | T | |
| | | 15 - 18.5 | 322 | 7 | 0.07 | T | N | 26 | |
| | | 18.5 - 22 | 323 | 8 | 0.13 | 2 | 17 | 33 | |

| Hole No. | Water (ft.) | Interval (ft.) | OMAG No. | Register No. | N (%) | H.Assay (g/t) Sn | Ti. | Zr | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 42 | 95 | 0 - 3.5 | 324 | 664129 | 0.06 | 42 | 13 | 24 | |
| | | 3.5.- 7 | 325 | 30 | 0.09 | 110 | 3 | 13 | |
| | | 7 - 9.5 | 326 | 1 | 0.11 | 40 | 10 | 19 | |
| 43 | 82 | 0 - 3 | 327 | 664132 | 0.04 | 4 | 2 | 2 | |
| 44 | 72 | 0 - 2.5 | 328 | 664133 | 0.06 | 23 | 4 | 11 | |
| 45 | 94 | 0 - 3 | 329 | 664134 | 0.09 | 51 | 5 | 7 | |
| | | 3 - 5.5 | 330 | 664165 | 0.05 | 24 | 2 | 4 | |
| | | 5.5 - 7.5 | 331 | 6 | 0.05 | 43 | 7 | 19 | |
| | | 7.5 - 9 | 332 | 7 | 0.11 | 30 | 3 | 7 | |
| 46 | 104 | 0 - 1.5 | 333 | 664168 | 0.25 | 13 | 11 | 17 | |
| | | 1.5 - 3 | 334 | 9 | 0.05 | 2 | 2 | 3 | |
| | | 3 - 5 | 335 | 70 | 0.13 | T | N | 2 | |
| | | 5 - 7 | 336 | 1 | 0.07 | 2 | 2 | 3 | |
| 47 | 110 | 0 - 1.5 | 337 | 664172 | 0.19 | 47 | 17 | 40 | |
| | | 1.5 - | 338 | 3 | | | | | Clays not |
| | | - 5 | 339 | 4 | | | | | Treated |
| | | 5 - 10 | 340 | 5 | 0.13 | 8 | 6 | 8 | |
| 48 | 113 | 0 - 3.5 | 341 | 664176 | 0.21 | 116 | 17 | 38 | |
| | | 3.5 - 6 | 342 | 7 | 0.08 | 19 | 6 | 14 | |
| | | 6 - 8 | 343 | 8 | 0.48 | 1 | 9 | 13 | |
| | | 8 - 10.5 | 344 | 9 | 0.17 | T | 4 | 13 | |
| | | 10.5 - 12.5 | 345 | 80 | 0.22 | 1 | 9 | 10 | |

| Hole No. | Water (ft.) | Interval (ft.) | OMAG No. | Register No. | N (%) | H. Assay (g/t) Sn | Ti | Zr | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 49 | 53 | 0 - 3 | 346 | 664181 | 0.08 | 1 | 38 | 27 | |
| 50 | 91 | 0 - 3 | 347 | 664182 | 0.07 | 8 | 10 | 18 | |
| | | 3 - 6 | 348 | 3 | 0.18 | 1 | 5 | 1 | |
| | | 6 - 9 | 349 | 4 | 0.11 | T | 2 | N | |
| 51 | 75 | 0 - 4 | 350 | 664185 | 0.14 | 38 | 8 | 45 | |
| | | 4 - 7 | 351 | 6 | 0.06 | 11 | 10 | 36 | |
| | | 7 - 9 | 352 | 7 | 0.03 | 1 | 3 | 7 | |
| | | 9 - 13 | 353 | 8 | 0.07 | 9 | 8 | 22 | |
| | | 13 - 15 | 354 | 9 | 0.15 | 23 | 5 | 16 | |
| 52 | 73 | 0 - 2 | 355 | 664190 | 0.13 | 5 | 8 | 18 | |
| 53 | 60 | 0 - 4 | 356 | 664191 | 0.14 | 2 | 6 | 14 | |
| 54 | 57 | 0 - 2 | 357 | 2 | 0.18 | 4 | 10 | 22 | |
| 55 | 64 | 0 - 4 | 358 | 3 | 0.17 | 2 | 32 | 66 | |
| 56 | 92 | 0 - 2 | 359 | 664194 | 0.25 | 62 | 18 | 45 | |
| | | 2 - 6 | 360 | 5 | 0.05 | 28 | 4 | 12 | |
| | | 6 - 9 | 361 | 6 | 0.37 | 49 | N | N | |
| | | 9 - 12 | 362 | 7 | 0.46 | 13 | N | N | |
| | | 12 - 14 | 363 | 8 | 0.19 | 25 | 6 | 23 | |
| | | 14 - 16 | 364 | 9 | 0.24 | 30 | N | N | |
| | | 16 - 18 | 365 | 200 | 0.25 | 2 | N | N | |
| | | 18 - 22 | 366 | 1 | 0.08 | 3 | 3 | N | |
| | | 22 - 25 | 367 | 2 | 0.09 | 8 | 6 | 19 | |
| | | 25 - 28 | 368 | 3 | 0.10 | 4 | 26 | 11 | |

| Hole No. | Water (ft.) | Interval (ft.) | CMAG No. | Register No. | [illegible] (%) | H. Assay (g/t) Sn | Ti | Zr | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 56 | 92 | 28 - 32 | 369 | 664204 | 0.09 | T | 18 | 30 | |
| | | 32 - 33 | 370 | 5 | 0.06 | 2 | 19 | 30 | |
| 57 | 112 | 0 - 3 | 371 | 664206 | 0.12 | 36 | 13 | 38 | |
| | | 3 - 6 | 372 | 7 | 0.03 | 24 | 3 | 12 | |
| | | 6 - 9 | 373 | 8 | 0.02 | 2 | 2 | 3 | |
| | | 9 - 13 | 374 | 9 | 0.09 | 14 | 5 | 14 | |
| | | | 375 | 10 | | | | | Clay not Treated |
| | | | 376 | 1 | | | | | |
| 58 | 120 | 0 - 2.5 | 377 | 664212 | 0.07 | 2 | 25 | 36 | |
| | | 2.5 - 4.5 | 378 | 3 | 0.20 | 5 | 18 | 48 | |
| | | 4.5 - 6.5 | 379 | 4 | 0.18 | T | 11 | 27 | |
| | | 6.5 - 9 | 380 | 5 | 0.08 | T | 3 | 7 | |
| | | 9 - 12 | 381 | 6 | 0.08 | T | 2 | 5 | |
| | | 12 - 15 | 382 | 7 | 0.02 | 1 | 2 | 5 | |
| 59 | 111 | 0 - 2.5 | 383 | 664218 | 0.06 | 2 | 13 | 57 | |
| | | 2.5 - 4 | 384 | 9 | 0.08 | 4 | 5 | 11 | |
| | | 4 - 6 | 385 | 20 | 0.12 | 133 | 10 | 36 | |
| | | 6 - 9 | 386 | 1 | 0.11 | 17 | 33 | 60 | |
| | | 9 - 10.5 | 387 | 2 | 0.12 | T | 18 | 22 | |
| | | 10.5 - 13 | 388 | 3 | 0.02 | 1 | 4 | 9 | |
| | | 13 - 16 | 389 | 4 | 0.02 | T | 5 | 9 | |
| | | 16 - 19 | 390 | 5 | 0.30 | T | 15 | 18 | |
| | | 19 - 21.5 | 391 | 6 | 0.07 | T | 10 | 18 | |
| | | 21.5 - 24 | 392 | 7 | 0.25 | T | 10 | 15 | |
| | | 24 - 26.5 | 393 | 8 | 0.07 | T | 6 | 11 | |
| | | 26.5 - 30.5 | 394 | 9 | 0.20 | 1 | 7 | 15 | |

| Hole No. | Water (ft) | Interval (ft) | MAG No. | Register No. | N (%) | H. Assay (g/t) Sn. | Ti | Zr | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 60 | 103 | 0 - 2.5 | 395 | 664230 | 0.04 | 3 | 10 | 32 | |
| | | 2.5 - 5 | 396 | 1 | 0.07 | 3 | 22 | 32 | |
| | | 5 - 6.5 | 397 | 2 | 0.13 | 2 | 37 | 28 | |
| | | 6.5 - 8.5 | 398 | 3 | 0.08 | 5 | 7 | 12 | |
| | | 8.5 - 11 | 399 | 4 | 0.08 | 2 | 18 | 22 | |
| | | 11 - 13.5 | 400 | 5 | 0.31 | N | 7 | 7 | |
| | | 13.5 - 16 | 401 | 6 | 0.33 | N | 8 | 10 | |
| | | 16 - 19 | 402 | 7 | 0.21 | T | 9 | 19 | |
| | | 19 - 22 | 403 | 8 | 0.10 | 2 | 7 | 16 | |
| | | 22 - 25 | 404 | 9 | 0.05 | T | 4 | 13 | |
| | | 25 - 27 | 405 | 40 | 0.05 | T | 2 | 5 | |
| 61 | 100 | 0 - 2.5 | 406 | 664241 | 0.16 | T | 43 | 63 | |
| | | 2.5 - 5 | 407 | 2 | 0.06 | T | 33 | 40 | |
| | | 5 - 7.5 | 408 | 3 | 0.10 | 4 | 29 | 51 | |
| | | 7.5 - 9 | 409 | 4 | 0.05 | 1 | 30 | 27 | |
| | | 9 - 12 | 410 | 5 | 0.03 | T | 22 | 37 | |
| | | 12 - 15 | 411 | 6 | 0.07 | T | 6 | 7 | |
| | | 15 - 17.5 | 412 | 7 | 0.01 | T | 1 | 2 | |
| | | 17.5 - 21 | 413 | 8 | 0.08 | 2 | 13 | 13 | |
| 62 | 82 | 0 - 3 | 414 | 664249 | 0.06 | 42 | 13 | 41 | |
| | | 3 - 7 | 415 | 50 | 0.08 | 58 | 52 | 70 | |
| | | 7 - 10 | 416 | 1 | 0.09 | 10 | 11 | 29 | |
| | | 10 - 13 | 417 | 2 | 0.29 | 8 | 11 | 35 | |
| | | 13 - 15 | 418 | 3 | 0.12 | T | 3 | 4 | |
| | | 15 - 17 | 419 | 4 | 0.34 | 2 | 6 | 7 | |
| | | 17 - 19 | 420 | 5 | 0.02 | 6 | 4 | 7 | |
| | | 19 - 22 | 421 | 6 | 0.18 | 58 | 8 | 28 | |

| Hole No. | Water (ft) | Interval (ft) | OMAG No. | Register No. | N (%) | H. Assay (g/t) Sn. | Ti. | Zr | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 63 | 122 | 0 - 3.5 | 422 | 664257 | 0.15 | 8 | 24 | 31 | |
| | | 3.5 - 6.5 | 423 | 8 | 0.10 | 1 | 7 | 6 | |
| | | 6.5 - 8.5 | 424 | 9 | 0.13 | 5 | N | 4 | |
| | | 8.5 - 11 | 425 | 60 | - | T | | | |
| | | 11 - 14 | 426 | 1 | - | 10 | | | |
| | | 14 - 15.5 | 427 | 2 | 0.15 | 237 | 5 | 15 | |
| 64 | 116 | 0 - 5 | 428 | 664263 | 0.32 | 20 | 30 | 47 | |
| | | 5 - 9 | 429 | 4 | 0.10 | 17 | 7 | 15 | |
| | | 9 - 11 | 430 | 5 | 0.06 | 4 | 3 | 7 | |
| | | 11 - 14 | 431 | 6 | 0.09 | 6 | 5 | 13 | |
| | | 14 - 17 | 432 | 7 | 0.40 | 13 | 9 | 17 | |
| | | 17 - 19 | 433 | 8 | 0.23 | 14 | 7 | 14 | |
| | | 19 - 21 | 434 | 9 | 0.14 | 3 | 13 | 14 | |
| | | 21 - 24 | 435 | 70 | 0.03 | T | 7 | 6 | |
| | | 24 - 27 | 436 | 1 | 0.04 | T | 10 | 15 | |
| | | 27 - 30 | 437 | 2 | 0.15 | 12 | 27 | 59 | |
| | | 30 - 32 | 438 | 3 | 0.25 | 9 | 22 | 48 | |
| 65 | 105 | 0 - 5 | 439 | 664274 | 0.24 | 16 | 28 | 60 | |
| | | 5 - 7 | 440 | 5 | 0.21 | 1 | 16 | 29 | |
| | | 7 - 10 | 441 | 6 | 0.19 | T | 33 | 51 | |
| | | 10 - 12.5 | 442 | 7 | 0.18 | T | 31 | 47 | |
| | | 12.5 - 17 | 443 | 8 | 0.14 | T | 26 | 19 | |
| | | 17 - 20 | 444 | 9 | | | | | Clay not treated |
| | | 20 - 24 | 445 | 80 | 0.14 | 18 | 34 | 19 | |

| Hole No. | Water (ft) | Interval (ft) | OMAG No. | Register No. | N (%) | H. Assay (g/t) Sn. | Ti | Zr | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 65 | 105 | 24 - 26 | 446 | 664281 | 0.23 | 57 | 48 | 138 | |
| | | 26 - 29 | 447 | 2 | 0.18 | 75 | 30 | 106 | |
| | | 29 - 32 | 448 | 3 | 0.18 | 13 | 7 | 20 | |
| | | 32 - 35 | 449 | 4 | 0.08 | 4 | 5 | 11 | |
| | | 35 - 37 | 450 | 5 | 0.02 | 3 | 2 | 4 | |
| | | 37 - 42 | 451 | 6 | 0.07 | 4 | 9 | 14 | |
| 66 | 87 | 0 - 3 | 452 | 664287 | 0.22 | N | 32 | 101 | |
| | | 3 - 5 | 453 | 8 | 0.49 | N | 24 | 55 | |
| | | 5 - 7 | 454 | 9 | 0.36 | 3 | 51 | 84 | |
| | | 7 - 10 | 455 | 90 | 0.30 | 2 | 63 | 101 | |
| | | 10 - 13 | 456 | 1 | 0.55 | 3 | 62 | 85 | |
| | | 13 - 17 | 457 | 2 | 0.64 | N | 80 | 75 | |
| | | 17 - 20 | 458 | 3 | 1.33 | N | 82 | 122 | |
| | | 20 - 23 | 459 | 4 | 0.52 | N | 9 | 23 | |
| | | 23 - 26 | 460 | 5 | 0.11 | T | 21 | 35 | |
| | | 26 - 29 | 461 | 6 | 0.11 | T | 31 | 39 | |
| | | 29 - 33 | 462 | 7 | 0.13 | T | 50 | 64 | |
| | | 33 - 36 | 463 | 8 | 0.28 | 9 | 21 | 45 | |
| | | | 464 | 9 | | | | | Clay not treated |
| | | | 465 | 300 | | | | | |
| | | | 466 | 1 | | | | | |

| Hole No. | Water (ft.) | Interval (ft.) | OMAG No. | Register No. | N (%) | H. Assay (g/t) Sn. | Ti | Zr | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 67 | 94 | 0 - 2 | 467 | 664302 | 0.11 | T | 34 | 45 | |
| | | 2 - 6 | 468 | 3 | 0.11 | 5 | 37 | 89 | |
| | | 6 - 9 | 469 | 4 | 0.09 | 3 | 60 | 75 | |
| | | 9 - 12 | 470 | 5 | 0.10 | 10 | 43 | 60 | |
| | | 12 - 16 | 471 | 6 | 0.07 | 16 | 9 | 29 | |
| | | 16 - 19 | 472 | 7 | 0.05 | 2 | 5 | 20 | |
| | | 19 - 24 | 473 | 8 | 0.04 | 1 | 5 | 14 | |
| | | 24 - 27 | 474 | 9 | 0.06 | 2 | 12 | 20 | |
| | | 27 - 30 | 475 | 10 | 0.06 | 4 | 10 | 16 | |
| | | 30 - 33 | 476 | 11 | 0.06 | 6 | 13 | 20 | |
| 68 | 71 | 0 - 6 | 477 | 664312 | 0.23 | N | 17 | 30 | |
| | | 6 - 10 | 478 | 3 | 0.16 | N | 24 | 36 | |
| | | 10 - 14 | 479 | 4 | 0.07 | N | 11 | 15 | |
| | | 14 - 16 | 480 | 5 | 0.30 | 1 | 39 | 63 | |
| | | 16 - 20 | 481 | 6 | 0.05 | 10 | 11 | 19 | |
| | | 20 - 23 | 482 | 7 | 0.10 | 12 | 8 | 18 | |
| | | 23 - 27 | 483 | 8 | 0.13 | 2 | N | 8 | |
| | | 27 - 29 | 484 | 9 | 0.11 | 5 | 23 | 42 | |
| | | 29 - 32 | 485 | 20 | 0.09 | 14 | 19 | 30, | |
| | | 32 - 34 | 486 | 1 | 0.11 | 7 | 19 | 18 | |
| | | 34 - 36 | 487 | 2 | 0.06 | 1 | 11 | 25 | |
| | | 36 - 38 | 488 | 3 | 0.13 | 1 | 7 | 22 | |

| Hole No. | Water (ft) | Interval (ft) | CMAG No. | Register No. | N (%) | H. Assay (g/t) Sn | Ti | Zr | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 69 | 67 | 0 - 2 | 489 | 664324 | 0.10 | 4 | 32 | 81 | |
| | | 2 - 4 | 490 | 5 | 0.14 | 2 | 6 | 24 | |
| | | 4 - 7 | 491 | 6 | 0.10 | T | N | 7 | |
| | | 7 - 9 | 492 | 7 | 0.08 | T | 4 | 9 | |
| | | 9 - 12 | 493 | 8 | 0.04 | T | T | 6 | |
| 70 | 60 | 0 - 3 | 494 | 664329 | 0.14 | 1 | 32 | 6 | |
| | | 3 - 6 | 495 | 30 | 0.08 | 4 | 12 | 28 | |
| | | 6 - 9 | 496 | 1 | 0.11 | 1 | 9 | 34 | |
| | | 9 - 12 | 497 | 2 | 0.15 | T | 14 | 55 | |
| | | | 498 | 3 | 0.10 | T | 27 | 69 | |
| | | | 499 | 4 | 0.16 | T | 28 | 59 | |
| | | | 500 | 5 | 0.13 | 1 | 34 | 101 | |
| | | | 501 | 6 | 0.13 | 1 | 18 | 26 | |
| | | | 502 | 7 | 0.08 | T | 7 | 17 | |
| | | | 503 | 8 | | | | | Clay: not treated |
| | | | 504 | 9 | | | | | |
| | | | 505 | 40 | | | | | |
| 71 | 115 | 0 - 4 | 506 | 670117 | 0.43 | 65 | 19 | 490 | |
| | | | | | | 65 | 9 | 22 | Duplicate assay |
| | | 4 - 7 | 507 | 8 | 0.62 | 2 | 38 | 33 | |
| | | 7 - 11 | 508 | 9 | 0.79 | 2 | 19 | 17 | |
| | | | | | | 8 | 8 | 28 | dulpicate assay |
| | | 11 - 14 | 509 | 20 | 1.13 | N | N | N | |
| | | 14 - 18 | 510 | 1 | 1.02 | 2 | 24 | 15 | |
| | | 18 - 22 | 511 | 2 | 0.70 | N | 13 | 11 | |

| Hole No. | Water (ft.) | Interval (ft.) | OMAG No. | Register No. | N (%) | H. Assay (g/t) Sn. | Ti. | Zr. | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 118 | 0 - 4 | 512 | 670123 | 0.54 | N | 23 | 16 | |
| | | 4 - 7 | 513 | 4 | 0.48 | N | 41 | 26 | |
| | | 7 - 10 | 514 | 5 | 0.54 | N | 39 | 29 | |
| | | 10 - 13 | 515 | 6 | 0.42 | N | 31 | 18 | |
| | | | 516 | 7 | | | | | Clay not treated |
| | | | 517 | 8 | | | | | |
| | | 20 - 23 | 518 | 9 | 0.83 | 6 | 25 | 18 | |
| | | 23 - 27 | 519 | 30 | 0.60 | 23 | 14 | 18 | |
| | | | | | | 60 | 14 | 46 | duplicate assay |
| | | 27 - 30 | 520 | 1 | 0.70 | 50 | 30 | 37 | |
| | | 30 - 31 | 521 | 2 | 1.24 | 5 | N | N | |
| 73 | 120 | 0 - 2 | 522 | 670133 | 0.46 | N | 36 | 28 | |
| | | 2 - 5 | 523 | 4 | 0.44 | N | 41 | 37 | |
| | | 5 - 8 | 524 | 5 | 0.52 | N | 29 | 23 | |
| | | 8 - 12 | 525 | 6 | 0.46 | N | 34 | 4 | |
| | | 12 - 15 | 526 | 7 | 0.99 | 8 | N | 22 | |
| | | 15 - 17 | 527 | 8 | 0.25 | 9 | 14 | 19 | |
| | | 17 - 22 | 528 | 9 | 0.50 | 12 | 18 | 22 | |
| | | 22 - 25 | 529 | 40 | 2.95 | 27 | N | 44 | |
| | | 25 - 28 | 530 | 1 | 0.49 | 27 | N | 18 | |
| | | 28 - 31 | 531 | 2 | 1.40 | N | N | 21 | |
| | | 31 - 33 | 532 | 3 | 1.76 | 132 | 42 | 65 | |
| | | | | | | 132 | N | 79 | duplicate assay |

| Hole No. | Water (ft.) | Interval (ft.) | OMAG No. | Register No. | N (%) | H. Assay (g/t) Sn. | Ti. | Zr. | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 74 | 118 | 0 - 3 | 533 | 670144 | 4.07 | N | N | N | |
| | | 3 - 6 | 534 | 5 | 1.34 | 43 | 40 | 30 | |
| | | 6 - 10 | 535 | 6 | 2.77 | N | N | N | |
| | | 10 - 14 | 536 | 7 | 1.45 | 6 | N | N | |
| | | 14 - 16 | 537 | 8 | 2.28 | 5 | N | N | |
| | | 16 - 24 | 538 | 9 | 3.08 | N | N | N | same footage length. |
| | | 16 - 24 | 539 | 50 | 1.11 | N | N | N | |
| | | 24 - 26 | 540 | 1 | 0.97 | 6 | 35 | 43 | |
| | | 26 - 28 | 541 | 2 | 4.15 | N | N | N | |
| 75 | 104 | 0 - 5 | 542 | 670001 | 0.21 | 4 | 34 | 53 | |
| | | 5 - 9 | 543 | 2 | 0.16 | 2 | 49 | 48 | |
| | | 9 - 13 | 544 | 3 | 0.06 | 7 | 27 | 3 | |
| | | 13 - 15 | 545 | 4 | 0.13 | 44 | 15 | 23 | |
| | | 15 - 16 | 546 | 5 | 0.16 | 8 | 12 | 16 | |
| | | | 547 | 6 | | | | | No conc |
| | | | 548 | 7 | | | | | |
| | | | 549 | 8 | | | | | |
| | | 21 - 23 | 550 | 9 | 0.23 | I | 7 | 19 | |

| Hole No. | Water (ft) | Interval (ft) | OMAG No. | Register No. | N (%) | H. Assay (g/t) Sn | Ti | Zr | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 76 | 100 | 0 - 3 | 551 | 670010 | 0.51 | 40 | 58 | 176 | |
| | | 3 - 6 | 552 | 1 | 0.14 | 8 | 11 | 17 | |
| | | 6 - 10 | 553 | 2 | 0.09 | T | 4 | 10 | |
| | | 10 - 13 | 554 | 3 | 0.12 | N | 8 | 8 | |
| | | 13 - 16 | 555 | 4 | 0.44 | N | 11 | 13 | |
| | | 16 - 20 | 556 | 5 | 0.08 | T | 7 | 11 | |
| | | 20 - 22 | 557 | 6 | 0.44 | N | 11 | 13 | |
| | | 22 - 24 | 558 | 7 | 0.25 | N | 8 | 10 | |
| | | 24 - 26 | 559 | 8 | 0.10 | T | 12 | 15 | |
| | | 26 - 28 | 560 | 9 | | | | | No. conc. |
| | | 28 - 30 | 561 | 20 | 0.19 | N | 6 | 4 | |
| 77 | 99 | 0 - 2 | 562 | 670021 | 0.33 | 111 | 25 | 35 | |
| | | 2 - 4 | 563 | 2 | 0.13 | 34 | 13 | 20 | |
| | | 4 - 6 | 564 | 3 | 0.54 | 18 | 16 | 16 | |
| | | 6 - 8 | 565 | 4 | 0.14 | 24 | 10 | 16 | |
| | | 8 - 10 | 566 | 5 | 0.20 | 12 | 10 | 12 | |
| | | 10 - 12 | 567 | 6 | 0.88 | 11 | 26 | 26 | |
| | | 12 - 14 | 568 | 7 | 0.48 | 9 | 30 | 37 | |
| | | 14 - 15 | 569 | 8 | 0.35 | 1 | 62 | 64 | |

| Hole No. | Water (ft.) | Interval (ft.) | OMAG No. | Register No. | N (%) | H. Assay (g/t) Sn. | Ti. | Zr, | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 78 | 110 | 0 - 2 | 570 | 670029 | 0.33 | 2 | 38 | 61 | |
| | | 2 - 4 | 571 | 30 | 0.26 | 17 | 66 | 81 | |
| | | 4 - 7 | 572 | 1 | 0.20 | 40 | 25 | 49 | |
| | | 7 - 10 | 573 | 2 | 0.52 | 11 | 39 | 785 | |
| | | 10 - 13 | 574 | 3 | 0.24 | 3 | 32 | 52 | |
| | | 13 - 15 | 575 | 4 | 0.20 | 3 | 14 | 20 | |
| | | 15 - 17 | 576 | 5 | 0.32 | 2 | 10 | 10 | |
| | | 17 - 20 | 577 | 6 | 0.19 | T | 6 | 3 | |
| | | 20 - 22 | 578 | 7 | 0.83 | 12 | N | 12 | |
| | | 22 - 25 | 579 | 8 | | | | | No conc. |
| | | 25 - 27 | 580 | 9 | 0.35 | 1 | 21 | 24 | |
| | | 27 - 31 | 581 | 40 | 0.17 | T | 16 | 20 | |
| 79 | 108 | 0 - 4 | 582 | 670041 | 0.68 | 156 | 158 | 55 | |
| | | 4 - 7 | 583 | 2 | 0.35 | 32 | 16 | 37 | |
| | | 7 - 11 | 584 | 3 | 0.68 | 122 | N | 15 | |
| | | 11 - 14 | 585 | 4 | 0.36 | 23 | 22 | 38 | |
| | | 14 - 17 | 586 | 5 | 0.31 | 2 | 37 | 45 | |
| | | 17 - 20 | 587 | 6 | 0.19 | 1 | 33 | 61 | |
| | | 20 - 22 | 588 | 7 | 0.27 | N | 18 | 24 | |
| | | 22 - 23 | 589 | 8 | 0.49 | 1 | 30 | 33 | |

| Hole No. | Water (ft.) | Interval (ft.) | OMAG No. | Register No. | N (%) | H. Assay (g/t) Sn | Ti | Zr | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 80 | 100 | 0 - 4 | 590 | 670049 | 0.49 | N | 37 | 56 | |
| | | 4 - 7 | 591 | 50 | 0.26 | 23 | 24 | 34 | |
| | | 7 - 11 | 592 | 1 | 0.15 | 11 | 11 | 29 | |
| | | 11 - 13 | 593 | 2 | 0.21 | 16 | N | 30 | |
| | | 13 - 16 | 594 | 3 | 0.30 | T | 22 | 18 | |
| | | 16 - 21 | 595 | 4 | 0.18 | 1 | 13 | 10 | |
| | | 21 - 23 | 596 | 5 | 0.37 | 3 | 16 | 9 | |
| | | 23 - 26 | 597 | 6 | 0.25 | 5 | 26 | 43 | |
| | | 26 - 29 | 598 | 7 | 0.27 | 35 | 12 | 33 | |
| | | 29 - 31 | 599 | 8 | 0.40 | 110 | 10 | 30 | |
| | | 31 - 34 | 600 | 9 | 0.40 | 7 | N | 9 | |
| | | 34 - 37 | 601 | 60 | 0.76 | 2 | 18 | 11 | |
| | | 37 - 39 | 602 | 1 | 0.13 | 1 | 9 | 14 | |
| | | 39 - 41 | 603 | 2 | 0.36 | N | 20 | 19 | |
| 81 | 97 | 0 - 4 | 604 | 670063 | 0.64 | N | 63 | 54 | |
| | | 4 - 7 | 605 | 4 | 0.98 | N | 67 | 97 | |
| | | 7 - 10 | 606 | 5 | 0.66 | N | 37 | 30 | |
| | | 10 - 13 | 607 | 6 | 0.91 | N | 61 | 69 | |
| | | 13 - 16 | 608 | 7 | 0.90 | N | 129 | 224 | |
| | | 16 - 18 | 609 | 8 | 0.36 | N | 50 | 54 | |
| | | 18 - 21 | 610 | 9 | 0.19 | 3 | 40 | 60 | |
| | | 21 - 23 | 611 | 70 | 0.42 | 6 | 18 | 26 | |
| 82 | 90 | 0 - 3 | 612 | 670160 | 0.44 | 6 | 13 | 92 | |
| | | 3 - 7 | 613 | 1 | 1.75 | N | 26 | 40 | |
| 83 | 94 | 0 - 5 | 614 | 670162 | 1.97 | 10 | 39 | 207 | |
| | | 5 - 9 | 615 | 3 | 3.39 | 7 | 34 | 51 | |

| Hole No. | Water (ft) | Interval (ft) | OMAG No. | Register No. | N (%) | H. Assay (g/t) Sn | Ti | Zr | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 83 | 94 | 9 - 12 | Ne 616 | 670164 | 1.92 | 13 | 38 | 96 * | |
| | | 12 -15 | 617 | 5 | 0.50 | 13 | 15 | 35 * | |
| | | 15 - 17 | 618 | 6 | 3.65 | 11 | 37 | 91 * | |
| | | 17 - 20 | 619 | 7 | 2.01 | 6 | 40 | 40 * | |
| | | | | | | 12 | N | 40 | Duplicate Assay |
| | | 20 - 22 | 620 | 8 | 1.87 | 8 | 19 | 37 * | |
| | | 22 - 25 | 621 | 9 | 1.79 | 5 | 18 | 45 * | |
| | | 25 - 28 | 622 | 70 | 1.01 | 3 | 10 | 25 * | |
| | | 28 - 32 | 623 | 1 | 0.41 | 4 | 8 | 19 * | |
| | | 32 - 34 | 624 | 2 | 2.18 | 22 | 55 | 196 * | |
| | | 34 - 37 | 625 | 3 | 0.38 | 78 | 10 | 42 * | |
| | | 37 - 40 | 626 | 4 | 0.34 | 18 | 9 | 22 * | |
| | | 40 - 44 | 627 | 5 | 0.40 | 4 | 8 | 16 * | |
| 84 | 115 | 0 - 5 | 628 | 6 | 0.30 | 3 | 17 | 38 * | |
| | | 5 - 8 | 629 | 7 | 1.12 | 3 | 22 | 39 * | |
| | | 8 - 12 | 630 | 8 | 0.54 | 3 | 19 | 49 * | |
| | | 12 - 15 | 631 | 9 | 0.84 | 160 | 17 | 42 * | |
| | | | | | | 160 | 17 | 42 | See Appx. B. |
| | | | | | | 139 | 13 | 38 | |
| | | | | | | 126 | 13 | 29 | |
| | | | | | | 139 | 13 | 38 | |
| | | 15 - 18 | 632 | 80 | 2.44 | 10 | 49 | 49 * | |
| | | 18 - 22 | 633 | 1 | 0.27 | 4 | 10 | 14 * | |

*in original report of 27 Jan.'67 Ti and Zr reversed. Corrected on 14 May '67.

| Hole No. | Water (ft) | Interval (ft) | OMAG No. | Register No. | (...) | H. Assay (g/t) Sn | Ti | Zr | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 84 | 115 | 22 - 26 | NE 634 | 670182 | 0.30 | 3 | 12 | 21 * | |
| | | 26 - 28 | 635 | 3 | 3.56 | 7 | 36 | 71 * | |
| | | 28 - 30 | 636 | 4 | 2.03 | 6 | 31 | 41 * | |
| | | 30 - 32 | 637 | 5 | 0.31 | 50 | 30 | 70 * | |
| 85 | 120 | 0 - 4 | 638 | 6 | 0.67 | 3 | 24 | 47 * | |
| | | | | | | 4 | 20 | 44 | Duplicate Assay |
| | | 4 - 9 | 639 | 7 | 0.44 | 4 | 18 | 33 * | |
| | | 9 - 11 | 640 | 8 | 0.61 | 64 | 34 | 76 * | |
| | | | | | | 61 | 31 | 70 | Duplicate Assay |
| | | 11 - 13 | 641 | 9 | 0.91 | 5 | 23 | 50 * | |
| | | 13- 16 | 642 | 90 | 2.56 | 13 | 51 | 128 * | |
| | | 16 - 18 | 643 | 1 | 0.80 | 8 | 28 | 96 * | |
| | | 18 - 22 | 644 | 2 | 0.71 | 7 | 25 | 75 * | |
| | | 22 - 26 | 645 | 3 | 1.25 | 44 | 42 | 156 * | |
| | | | | | | 28 | | | See Appx. C |
| | | | | | | 28 | | | |
| | | | | | | 26 | | | |
| | | | | | | 28 | | | |
| | | 26 - 29 | 646 | 4 | 1.17 | 134 | 70 | 228 | See Appx. B |
| | | | | | | 105 | 82 | 222 | |
| | | | | | | 76 | 64 | 164 | |
| | | | | | | 96 | 82 | 222 | |
| | | | | | | 88 | 70 | 175 | |
| | | 29 - 31 | 647 | 5 | 2.18 | 7 | N | 33 | |

*in original report of 27 Jan. '67 Ti and Zr reversed. Corrected on 14 May '67.

| Hole No. | Water (ft) | Interval (ft) | OMAG No. | Register No. | (%) | H. Assay (g/t) Sn | Ti | Zr | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 85 | 120 | 31 - 32 | NE 648 | 670196 | 0.43 | 2 | N | 13 | |
| | | 32 - 35 | 649 | 7 | 1.20 | 2 | N | 18 | |
| | | 35 - 37 | 650 | 8 | 0.43 | 1 | N | 9 | |
| | | 37 - 40 | 651 | 9 | 0.53 | 2 | N | 11 | |
| 86 | 118 | 0 - 4 | 652 | 200 | 2.26 | 7 | 34 | 90 | |
| | | 4 - 8 | 653 | 1 | 1.54 | 6 | 54 | 139 | |
| | | 8 - 11 | 654 | 2 | 1.05 | 7 | 95 | 110 | |
| | | 11 - 13 | 655 | 3 | 0.98 | 4 | 20 | 44 | |
| | | | 656 | 4 | | | | | Clay Not Treated |
| | | | 657 | 5 | | | | | |
| | | | 658 | 6 | | | | | |
| | | | 659 | 7 | | | | | |
| | | | 660 | 8 | | | | | |
| 87 | 110 | 0 - 3 | 661 | 9 | 1.96 | 12 | 39 | 157 | |
| | | 3 - 6 | 662 | 10 | 1.06 | 4 | 11 | 58 | |
| | | 6 - 8 | 663 | 1 | 0.78 | 3 | 8 | 43 | |
| | | 8 - 11 | 664 | 2 | 2.04 | 10 | N | 82 | |
| | | 11 - 13 | 665 | 3 | 1.67 | 12 | N | 92 | |
| | | 13 - 16 | 666 | 4 | 1.85 | 4 | N | 74 | |
| | | 16 - 18 | 667 | 5 | 2.29 | 5 | N | 69 | |
| | | 18 - 20 | 668 | 6 | 0.98 | 2 | 20 | 34 | |
| | | 20 - 22 | 669 | 7 | 2.56 | 5 | N | 64 | |
| | | 22 - 25 | 670 | 8 | 0.83 | 5 | 8 | 50 | |
| | | 25 - 28 | 671 | 9 | 1.90 | 6 | N | 38 | |

| Hole No. | Water (ft) | Interval (ft) | OMAG No. | Register No. | (%) | H. Assay (g/t) Sn | Ti | Zr | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 88 | 113 | 0 - 3 | NE 672 | 670220 | 1.18 | 32 | 35 | 59 | |
| | | 3 - 6 | 673 | 1 | 0.92 | 13 | N | 46 | |
| | | 6 - 10 | 674 | 2 | 1.46 | 72 | 66 | 110 | |
| | | | | | | 38 | 15 | 66 | Duplicate Assay |
| | | 10 - 13 | 675 | 3 | 1.78 | 5 | N | 18 | |
| | | 13 - 15 | 676 | 4 | 1.06 | 4 | 32 | 64 | |
| | | 15 - 18 | 677 | 5 | 2.67 | 11 | 27 | 53 | |
| | | 18 - 20 | 678 | 6 | 0.51 | 3 | 15 | 15 | |
| | | 20 - 23 | 679 | 7 | 0.74 | 3 | 11 | 79 | |
| | | 23 - 25 | 680 | 8 | 0.61 | 2 | N | 12 | |
| | | 25 - 28 | 681 | 9 | 1.76 | 88 | 18 | 35 | |
| | | | | | | 11 | 18 | 44 | Duplicate Assay |
| | | 28 - 31 | 682 | 30 | 0.95 | 8 | 71 | 100 | |
| 89 | 114 | 0 - 4 | 683 | 1 | 0.45 | 3 | 14 | 23 | |
| | | 4 - 8 | 684 | 2 | 2.06 | 515 | 391 | 453 | |
| | | | | | | 505 | 350 | 402 | Duplicate Assay |
| | | 8 - 10 | 685 | 3 | 2.40 | 79 | 264 | 276 | |
| | | | | | | 36 | 252 | 276 | Duplicate Assay |
| | | 10 - 14 | 686 | 4 | 1.93 | 116 | 309 | 415 | |
| | | | | | | 125 | 328 | 318 | Duplicate Assay |
| | | 14 - 18 | 687 | 5 | 0.42 | 21 | 67 | 48 | |
| | | | | | | 10 | 71 | 34 | Duplicate Assay |
| | | 18 - 21 | 688 | 6 | 0.13 | 2 | 35 | 40 | |
| | | 21 - 23 | 689 | 7 | 0.14 | 1 | 19 | 25 | |
| | | 23 - 25 | 690 | 8 | 0.37 | 2 | 28 | 28 | |
| | | 25 - 28 | 691 | 9 | 0.09 | 1 | 17 | 16 | |

| Hole No. | Water (ft) | Interval (ft) | OMAG No. | Register No. | (%) | H. Assay (g/t) Sn | Ti | Zr | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 89 | 114 | 28 - 30 | NE 692 | 670240 | 0.22 | 1 | 24 | 17 | |
| | | 30 - 32 | 693 | 1 | 0.59 | 2 | 44 | 47 | |
| | | 32 - 34 | 694 | 2 | 0.13 | 1 | 31 | 23 | |
| 90 | 118 | 0 - 2 | 695 | 3 | 0.70 | 4 | 32 | 39 | |
| | | 2 - 6 | 696 | 4 | 0.48 | 2 | 34 | 55 | |
| | | 6 - 8 | 697 | 5 | 0.24 | 1 | 38 | 37 | |
| | | 8 - 11 | 698 | 6 | 0.49 | 6 | 15 | 25 | |
| | | 11 - 13 | 699 | 7 | 0.59 | 2 | 30 | 35 | |
| | | 13 - 15 | 700 | 8 | 1.31 | 4 | 39 | 39 | |
| | | 15 - 17 | 701 | 9 | 0.90 | 3 | 27 | 41 | |
| | | 17 - 20 | 702 | 50 | 0.56 | 2 | 17 | 22 | |
| | | 20 - 23 | 703 | 1 | 0.77 | 6 | 23 | 23 | |
| | | 23 - 25 | 704 | 2 | 1.38 | 4 | 14 | 14 | |
| | | 25 - 27 | 705 | 3 | 2.34 | 7 | N | 23 | |
| | | 27 - 30 | 706 | 4 | 0.94 | 2 | N | 24 | |
| 91 | 120 | 0 - 3 | 707 | 5 | 0.64 | 6 | 45 | 38 | |
| | | 3 - 7 | 708 | 6 | 0.50 | 2 | 18 | 23 | |
| | | 7 - 10 | 709 | 7 | 0.68 | 2 | 34 | 68 | |
| | | 10 - 12 | 710 | 8 | 1.08 | 8 | 16 | 54 | |
| | | | | | | 8 | 10 | 38 | Duplicate Assay |
| | | 12 - 14 | 711 | 9 | 1.32 | 8 | N | 26 | |
| | | 14 - 17 | 712 | 60 | 3.96 | 16 | N | N | |
| | | 17 - 20 | 713 | 1 | 2.18 | 7 | N | 44 | |
| | | 20 - 22 | 714 | 2 | 1.17 | 4 | N | 23 | |
| | | 22 - 24 | 715 | 3 | 1.98 | 6 | N | N | |

| Hole No. | Water (ft) | Interval (ft) | OMAG No. | Register No. | N (%) | H. Assay (g/t) Sn | Ti | Zr | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 91 | 120 | 24 - 26 | NE 716 | 670264 | 2.01 | 10 | N | 30 | |
| | | 26 - 28 | 717 | 265 | 0.69 | 4 | 7 | 14 | |
| 92 | 125 | 0 - 4 | 718 | 6 | 0.48 | 120 | 7 | 26 | |
| | | | | | | 113 | 7 | 14 | Duplicate Assay |
| | | 4 - 6 | 719 | 7 | 2.22 | 31 | 22 | 89 | |
| 93 | 120 | 0 - 3 | 720 | 8 | 3.35 | 13 | N | 67 | |
| | | 3 - 6 | 721 | 9 | 1.76 | N | N | 44 | |
| | | 6 - 10 | 722 | 70 | 1.02 | N | 10 | 20 | |
| | | 10 - 13 | 723 | 1 | 0.66 | 3 | 13 | 26 | |
| | | 13 - 16 | 724 | 2 | 0.96 | 41 | 19 | 86 | |
| | | 16 -.19 | 725 | 3 | 2.25 | 29 | N | 34 | |
| | | 19 - 22 | 726 | 4 | 1.18 | 7 | N | 18 | |
| | | | | | | 7 | N | 29 | Duplicate Assay |
| 94 | 115 | 0 - 5 | 727 | 5 | 0.62 | 2 | 19 | 47 | |
| | | 5 - 8 | 728 | 6 | 2.06 | 6 | 41 | 103 | |
| | | 8 - 10 | 729 | 7 | 1.21 | 2 | 24 | 48 | |
| | | 10 - 12 | 730 | 8 | 1.46 | 3 | N | 22 | |
| | | 12 - 15 | 731 | 9 | 1.47 | 3 | N | 22 | |
| | | 15 - 18 | 732 | 80 | 2.08 | 6 | N | 42 | |
| | | 18 - 21 | 733 | 1 | 0.65 | 4 | 7 | 20 | |
| | | 21 - 23 | 734 | 2 | 1.83 | 4 | N | 73 | |
| | | 23 - 25 | 735 | 3 | 1.81 | 4 | N | 72 | |
| | | 25 - 28 | 736 | 4 | 1.58 | 3 | N | 87 | |

| Hole No. | Water (ft) | Interval (ft) | OMAG No. | Register No. | N (%) | H. Assay (g/t) Sn | Ti | Zr | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 95 | 110 | 0 - 5 | NE 737 | 670293 | 0.43 | 25 | 13 | 39 | |
| | | 5 - 7 | 738 | 4 | 0.29 | 24 | 22 | 46 | |
| | | 7 - 10 | 739 | 5 | 0.45 | 8 | 5 | 18 | |
| | | 10 - 15 | 740 | 6 | 0.70 | 5 | 7 | 18 | |
| | | 15 - 17 | 741 | 7 | 0.68 | 31 | N | 17 | |
| | | | | | | 4 | N | 20 | Duplicate Assay |
| | | 17 - 20 | 742 | 8 | 2.25 | 43 | N | 45 | |
| | | 20 - 22 | 743 | 9 | 1.02 | 11 | N | 20 | |
| | | 22 - 25 | 744 | 300 | 0.91 | 14 | N | 18 | |
| | | 25 - 27 | 745 | 1 | 1.77 | 14 | N | 18 | |
| | | 27 - 29 | 746 | 2 | 1.39 | 11 | N | 14 | |
| | | 29 - 32 | 747 | 3 | 1.70 | 12 | N | 17 | |
| 96 | 112 | 0 - 4 | 748 | 4 | 2.68 | 27 | 27 | 67 | |
| | | 4 - 8 | 749 | 5 | 1.52 | 12 | 15 | 53 | |
| | | 8 - 10 | 750 | 6 | 2.07 | 10 | 21 | 124 | |
| | | 10 - 13 | 751 | 7 | 2.19 | 4 | 22 | 66 | |
| | | 13 - 17 | 752 | 8 | 1.20 | 4 | 12 | 36 | |
| | | 17 - 21 | 753 | 9 | 2.29 | 30 | 23 | 103 | |
| 97 | 117 | 0 - 3 | 754 | 10 | 3.97 | 12 | N | 99 | |
| | | 3 - 6 | 755 | 1 | 2.14 | 4 | 21 | 64 | |
| | | 6 - 9 | 756 | 2 | 1.49 | 19 | N | 37 | |
| | | 9 - 12 | 757 | 3 | 2.20 | 4 | N | 22 | |
| | | 12 - 15 | 758 | 4 | 1.73 | 3 | N | 35 | |
| | | 15 - 17 | 759 | 5 | 0.94 | 3 | N | 19 | |

| Hole No. | Water (ft) | Interval (ft) | OMAG No. | Register No. | M (%) | H. Assay (g/t) Sn | Ti | Zr | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 98 | 116 | 0 - 4 | NE 760 | 670316 | 2.66 | 5 | N | 67 | |
| | | 4 - 6 | 761 | 7 | 2.37 | 7 | 47 | 166 | |
| | | 6 - 9 | 762 | 8 | 1.54 | 5 | 15 | 39 | |
| | | 9 - 14 | 763 | 9 | 1.48 | 4 | 15 | 37 | |
| | | 14 - 17 | 764 | 20 | 0.97 | 5 | 15 | 34 | |
| | | 17 - 21 | 765 | 1 | 1.27 | N | N | 13 | |
| | | 21 - 24 | 766 | 2 | 2.13 | 11 | 21 | 64 | |
| | | 24 - 26 | 767 | 3 | 2.50 | 28 | N | 63 | |
| | | 26 - 29 | 768 | 4 | 2.57 | 10 | 26 | 77 | |
| | | 29 - 31 | 769 | 5 | 3.03 | 6 | N | 76 | |
| | | 31 - 35 | 770 | 6 | 1.99 | N | N | 50 | |
| 99 | 102 | 0 - 3 | 771 | 7 | 1.39 | 8 | N | 70 | |
| | | 3 - 7 | 772 | 8 | 2.86 | 6 | N | 43 | |
| | | | | | | 9 | N | 57 | Duplicate Assay |
| | | 7 - 9 | 773 | 9 | 0.70 | 2 | N | 11 | |
| | | 9 - 11 | 774 | 30 | 0.74 | 2 | N | 15 | |
| | | 11 - 15 | 775 | 1 | 1.44 | 4 | N | 29 | |
| 100 | 100 | 0 - 3 | 776 | 2 | 2.64 | 58 | N | 66 | |
| | | | | | | 24 | N | 92 | Duplicate Assay |
| | | 3 - 5 | 777 | 3 | 0.36 | 1 | N | 5 | |
| | | 5 - 8 | 778 | 4 | 0.26 | 2 | N | 7 | |
| | | 8 - 9 | 779 | 5 | 0.09 | 6 | N | 8 | |

| Hole No. | Water (ft) | Interval (ft) | OMAG No. | Register No. | (%) | H. Assay (g/t) Sn | Ti | Zr | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 101 | 103 | 0 - 5 | NE 780 | 670336 | 0.60 | 2 | 51 | 27 | |
| | | 5 - 9 | 781 | 7 | 0.88 | 2 | 9 | 26 | |
| | | 9 - 12 | 782 | 8 | 0.36 | 1 | 43 | 43 | |
| | | 12 - 15 | 783 | 9 | 1.66 | 3 | 17 | 50 | |
| | | 15 - 18 | 784 | 40 | 0.44 | 1 | N | 11 | |
| | | 18 - 20 | 785 | 1 | 0.23 | T | 16 | 23 | |
| | | 20 - 22 | 786 | 2 | 0.42 | 1 | 29 | 50 | |
| | | 22 - 25 | 787 | 3 | 0.50 | 1 | 25 | 35 | |
| 102 | 111 | 0 - 2 | 788 | 4 | 0.59 | 10 | 41 | 30 | |
| | | 2 - 4 | 789 | 5 | 0.27 | 2 | 5 | 11 | |
| | | 4 - 7 | 790 | 6 | 0.34 | 1 | 3 | 10 | |
| | | | | | | 2 | 3 | 14 | Duplicate Assay |
| | | 7 - 9 | 791 | 7 | 0.20 | T | N | 6 | |
| | | | 792 | 8 | | | | | clay & peat |
| 103 | 112 | 0 - 5 | 793 | 9 | 0.26 | 13 | 31 | 56 | |
| | | 5 - 7 | 794 | 50 | 0.31 | 98 | 11 | 47 | |
| | | | | | | 62 | 12 | 39 | Duplicate Assay |
| | | 7 - 10 | 795 | 1 | 0.89 | 8 | 9 | 40 | |
| | | 10 - 15 | 796 | 2 | 1.11 | 361 | 17 | 106 | |
| | | | | | | 350 | 22 | 89 | Duplicate Assay |
| | | 15 - 19 | 797 | 3 | 2.26 | 111 | N | 57 | |
| | | | | | | 226 | N | 90 | Duplicate Assay |
| | | 19 - 23 | 798 | 4 | 0.55 | 6 | 6 | 14 | |
| | | 23 - 25 | 799 | 5 | 0.29 | 1 | N | 7 | |
| | | 25 - 26 | 800 | 6 | 0.95 | 15 | N | 18 | |
| | | | | | | 10 | N | 24 | Duplicate Assay |

| Hole No. | Water (ft) | Interval (ft) | OMAG No. | Register No. | [illegible] | H. Assay (g/t) Sn | Ti | Zr | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 104 | 100 | 0 - 4 | NE 801 | 670357 | 1.67 | 3 | N | N | |
| | | 4 - 8 | 802 | 8 | 1.47 | 3 | N | 29 | |
| | | 8 - 12 | 803 | 9 | 1.01 | 49 | N | 30 | |
| | | | | | | 76 | N | 40 | Duplicate Assay |
| | | 12 - 15 | 804 | 60 | 1.31 | 35 | N | 26 | |
| | | 15 - 19 | 805 | 1 | 0.48 | 65 | N | 10 | |
| | | | | | | 110 | N | 14 | Duplicate Assay |
| 105 | 95 | 0 - 4 | 806 | 2 | 0.21 | 19 | 25 | 48 | |
| | | 4 - 7 | 807 | 3 | 1.37 | 5 | N | 34 | |
| | | | | | | 7 | N | 41 | Duplicate Assay |
| | | 7 - 9 | 808 | 4 | 0.35 | T | N | 16 | |
| | | 9 - 11 | 809 | 5 | 1.19 | 2 | N | 29 | |
| | | 11 - 13 | 810 | 670366 | 1.10 | N | N | 23 | |
| 106 | 102 | | 811 | 670501 | 0.39 | 4 | 16 | 31 | |
| | | | 812 | 2 | 1.18 | 25 | N | 47 | |
| | | | 813 | 3 | 0.31 | T | N | 11 | |
| | | | 814 | 4 | 0.50 | 1 | N | 20 | |
| | | | 815 | 5 | 0.58 | 2 | 6 | 43 | |
| 107 | 116 | | 816 | 6 | 0.69 | 75 | N | 45 | |
| | | | | | | 120 | N | 45 | Duplicate Assay |
| | | | 817 | 7 | 3.26 | 7 | N | 65 | |
| | | | 818 | 8 | 1.13 | 2 | N | 40 | |
| | | | 819 | 9 | 0.28 | 1 | N | 10 | |
| | | | 820 | 10 | 0.32 | T | N | 11 | |

Sample interval for hole # 105

| Hole No. | Water (ft) | Interval (ft) | OMAG No. | Register No. | N (%) | H. Assay (g/t) Sn | Ti | Zr | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 108 | 115 | | NE 821 | 670511 | 0.97 | 21 | N | 48 | |
| | | | 822 | 2 | 0.56 | 2 | 22 | 42 | |
| | | | 823 | 3 | 0.19 | 2 | N | 39 | |
| 109 | 116 | | 824 | 4 | 0.58 | 23 | 15 | 55 | |
| | | | 825 | 5 | 0.49 | 37 | 7 | 49 | |
| | | | 826 | 6 | 1.76 | 88 | N | 35 | |
| | | | | | | 194 | N | 44 | Duplicate Assay |
| | | | 827 | 7 | 0.86 | 29 | N | 22 | |
| | | | 828 | 8 | 1.55 | 5 | N | 31 | |
| | | | 829 | 9 | 1.51 | 3 | N | 30 | |
| | | | 830 | 20 | | | | | Clay Not Treated |
| | | | 831 | 1 | 0.48 | 1 | N | 12 | |
| 110 | 111 | | 832 + | 2 | 1.71 | 36 | N | 77 | + Mines Dept. shows |
| | | | 833 | 3 | 1.11 | 2 | N | 41 | first sample in |
| | | | 834 | 670524 | 1.45 | 3 | N | 36 | Hole 110 as 832. |
| | | | 835 + | 670427 | 0.96 | 68 | N | 58 | EZ shows 835. |
| | | | | | | 86 | N | 58 | Duplicate Assay |
| | | | 836 | 670428 | 0.43 | 6 | N | 30 | |
| 111 | 123 | | 837 | 9 | 0.58 | N | 20 | 46 | |
| | | | 838 | 30 | 0.46 | N | 16 | 37 | |
| | | | 839 | 1 | 0.34 | N | 7 | 27 | |
| | | | 840 | 2 | 1.05 | 2 | N | 63 | |
| | | | 841 | 3 | 0.32 | 20 | N | 24 | |
| | | | 842 | 4 | 0.76 | 8 | N | 34 | |
| | | | 843 | 5 | 0.74 | 21 | N | 22 | |

| Hole No. | Water (ft) | Interval (ft) | OMAG No. | Register No. | (%) | H. Assay (g/t) Sn | Ti | Zr | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 111 | 123 | | NE 844 | 670436 | 2.32 | 23 | N | 58 | |
| | | | | | | 21 | N | 58 | Duplicate Assay |
| | | | 845 | 7 | 0.33 | 1 | 15 | 26 | |
| 112 | 120 | | 846 | 8 | 0.46 | 1 | 14 | 32 | |
| | | | 847 | 9 | 0.76 | 2 | 15 | 57 | |
| | | | 848 | 40 | 0.73 | N | N | 33 | |
| | | | 849 | 1 | 1.01 | 2 | N | 61 | |
| | | | 850 | 2 | 1.88 | N | N | 47 | |
| | | | 851 | 3 | 1.01 | N | N | 35 | |
| | | | 852 | 4 | 0.31 | T | N | 11 | |
| | | | 853 | 5 | | | | | Clay - Not |
| | | | 854 | 6 | | | | | Treated |
| | | | 855 | 7 | 0.47 | 1 | N | 16 | |
| 113 | 112 | | 856 | 8 | 1.82 | 4 | 82 | 255 | |
| | | | 857 | 9 | 1.06 | 34 | 21 | 64 | |
| | | | 858 | 50 | 0.71 | 4 | N | 64 | |
| | | | 859 | 1 | 0.78 | N | N | 23 | |
| | | | 860 | 2 | 1.18 | 2 | N | 53 | |
| | | | 861 | 3 | 1.26 | N | N | 38 | |
| | | | 862 | 4 | 1.17 | 6 | N | 53 | |
| | | | | | | 7 | N | 56 | Duplicate Assay |

| Hole No. | Water (ft) | Interval (ft) | OMAG No. | Register No. | N (%) | H. Assay (g/t) Sn | Ti | Zr | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 114 | 109 | | NE 863 | 670455 | 3.25 | 16 | N | 65 | |
| | | | 864 | 6 | 0.82 | N | 25 | 16 | |
| | | | 865 | 7 | 1.20 | N | N | 24 | |
| | | | 866 | 8 | 0.51 | N | N | 8 | |
| | | | 867 | 9 | 0.26 | T | 12 | 35 | |
| | | | 868 | 60 | 0.58 | 6 | N | 23 | |
| | | | 869 | 1 | 0.44 | 3 | N | 13 | |
| | | | 870 | 2 | 0.68 | 7 | N | 17 | |
| | | | 871 | 3 | 0.83 | 10 | N | 17 | |
| | | | 872 | 4 | 2.03 | 144 | N | 91 | |
| | | | | | | 142 | N | 102 | Duplicate Assay |
| | | | 873 | 5 | 1.40 | 24 | N | 42 | |
| | | | 874 | 6 | 1.12 | 19 | N | 22 | |
| | | | 875 | 7 | 0.77 | 6 | N | 19 | |
| | | | 876 | 8 | 0.86 | 2 | N | 34 | |
| 115 | | | 877 | 670469 | 1.84 | 4 | N | 83 | |
| | | | 878 | 670500 | | | | | Sample Lost |
| | | | 879 | 670470 | 0.22 | 5 | 33 | 52 | |
| | | | 880 | 1 | 0.14 | 12 | 21 | 41 | |
| | | | | | | 8 | 140 | 37 | Duplicate Assay |
| | | | 881 | 2 | 0.88 | 2 | 18 | 53 | |
| | | | 882 | 3 | 0.59 | 1 | 15 | 38 | |
| | | | 883 | 4 | 0.25 | T | N | 11 | |
| | | | 884 | 5 | 0.41 | N | N | 16 | |
| | | | 885 | 6 | 0.31 | 2 | 3 | 22 | |
| | | | 886 | 7 | 0.72 | 1 | N | 14 | |
| | | | 887 | 670478 | 0.97 | 2 | N | 29 | |
| | | | 888 | 670525 | 0.28 | 22 | N | 17 | |

| Hole No. | Water (ft) | Interval (ft) | OMAG No. | Register No. | N (%) | H. Assay (g/t) Sn | Ti | Zr | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 116 | | NE | 889 | 670526 | 3.85 | 8 | N | 154 | |
| | | | 890 | 7 | 3.79 | 8 | N | 95 | |
| | | | 891 | 8 | 1.37 | 3 | 14 | 34 | |
| | | | 892 | 9 | 0.36 | 1 | 7 | 14 | |
| | | | 893 | 30 | 0.34 | 1 | N | 7 | |
| | | | 894 | 1 | 0.37 | 1 | N | 7 | |
| | | | 895 | 2 | 0.70 | 3 | N | 18 | |
| | | | 896 | 3 | 0.78 | 7 | N | 35 | |
| | | | 897 | 4 | 1.61 | 6 | N | 32 | |
| 117 | | | 898 | 5 | 1.38 | 6 | N | 35 | |
| | | | 899 | 6 | 2.18 | 15 | N | 54 | |
| | | | | | | 13 | N | 54 | Duplicate Assay |
| | | | 900 | 7 | 4.73 | 28 | N | 118 | |
| | | | 901 | 8 | 1.01 | 8 | N | 45 | |
| | | | 902 | 9 | 0.63 | 3 | 9 | 44 | |
| | | | 903 | 40 | 0.64 | 3 | 13 | 45 | |
| | | | 904 | 1 | 1.34 | 5 | N | 87 | |
| | | | 905 | 2 | 0.77 | 9 | N | 58 | |
| 118 | | | 906 | 3 | 0.50 | 10 | N | 33 | |
| | | | 907 | 4 | 1.60 | 6 | N | 48 | |
| | | | 908 | 5 | 0.74 | 8 | N | 19 | |
| | | | 909 | 6 | 0.80 | 2 | 8 | 32 | |
| | | | 910 | 7 | 1.25 | 4 | N | 25 | |
| | | | 911 | 8 | 0.78 | 7 | N | 19 | |
| | | | 912 | 9 | 0.45 | 5 | 9 | 31 | |
| | | | 913 | 50 | 0.51 | 26 | 5 | 20 | |
| | | | 914 | 1 | 0.48 | 3 | 5 | 31 | |

| Hole No. | Water (ft) | Interval (ft) | OMAG No. | Register No. | N (%) | H. Assay (g/t) Sn | Ti | Zr | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 119 | | | NE 915 | 670552 | 0.[illegible] | 5 | 14 | 88 | |
| | | | 916 | 3 | 0.13 | 4 | 17 | 38 | |
| | | | 917 | 4 | 0.24 | 1 | 6 | 29 | |
| | | | 918 | 5 | 0.28 | 1 | 4 | 66 | |
| | | | 919 | 6 | 0.53 | 1 | N | 37 | |
| | | | 920 | 7 | 1.37 | 3 | N | 110 | |
| 120 | | | 921 | 8 | 0.38 | 17 | N | 28 | |
| | | | 922 | 9 | 0.62 | 4 | N | 22 | |
| | | | 923 | 60 | 0.53 | 3 | 8 | 40 | |
| | | | 924 | 1 | 0.24 | 1 | N | 6 | |
| | | | 925 | 2 | 0.33 | N | N | 12 | |
| | | | 926 | 3 | 0.36 | 1 | 5 | 27 | |
| | | | 927 | 4 | 0.83 | 1 | N | 62 | |
| | | | 928 | 5 | 0.38 | 9 | N | 11 | |
| | | | 929 | 6 | 0.57 | 2 | N | 23 | |
| 121 | | | 930 | 7 | 0.58 | 5 | 17 | 93 | |
| | | | 931 | 8 | 0.52 | 2 | 16 | 36 | |
| | | | 932 | 9 | 0.23 | T | 11 | 25 | |
| | | | 933 | 70 | 0.20 | T | 7 | 12 | |
| | | | 934 | 1 | 0.14 | 2 | 24 | 43 | |
| | | | 935 | 2 | 0.23 | 14 | N | 17 | |
| | | | 936 | 3 | 0.47 | 12 | 12 | 56 | |
| | | | 937 | 4 | 0.39 | 8 | N | 23 | |
| | | | 938 | 5 | 0.35 | 12 | N | 52 | |
| | | | 939 | 6 | 0.18 | 8 | N | 14 | |
| | | | 940 | 7 | 1.81 | 7 | N | 118 | |
| | | | 941 | 8 | 0.74 | 1 | 11 | 70 | |

| Hole No. | Water (ft) | Interval (ft) | OMAG No. | Register No. | N (%) | H. Assay (g/t) Sn | Ti | Zr | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 122 | | | NE 942 | 670579 | 0.31 | 1 | 3 | 17 | |
| | | | 943 | 80 | 0.07 | T | N | 3 | |
| 123 | | | 944 | 1 | 1.60 | 13 | N | 40 | |
| | | | 945 | 2 | 0.05 | 4 | T | 3 | |
| | | | 946 | 3 | 0.04 | T | N | 2 | |
| 124 | | | 947 | 4 | 0.28 | 9 | 14 | 42 | |
| | | | 948 | 5 | 0.31 | T | N | 12 | |
| | | | 949 | 6 | 0.19 | 2 | N | 14 | |
| | | | 950 | 7 | 0.99 | 4 | N | 40 | |
| | | | 951 | 8 | 1.71 | 7 | N | 43 | |
| | | | 952 | 9 | | | | | Clay Not Treated |
| 125 | | | 953 | 90 | 0.28 | 2 | 8 | 20 | |
| | | | 954 | 1 | 0.26 | 1 | 9 | 27 | |
| | | | 955 | 2 | 0.83 | 11 | 8 | 21 | |
| | | | 956 | 3 | 0.57 | 5 | 14 | 48 | |
| | | | 957 | 4 | 1.01 | 28 | 10 | 56 | |
| | | | | | | 17 | 20 | 66 | Duplicate Assay |
| | | | 958 | 5 | 0.74 | 42 | N | 33 | |
| | | | | | | 41 | 22 | 56 | |
| | | | | | | 41 | 19 | 52 | See Appx. B |
| | | | | | | 44 | 19 | 56 | |
| | | | | | | 38 | 15 | 56 | |
| | | | 959 | 6 | 2.18 | 78 | N | 65 | |
| | | | | | | 196 | N | 76 | Duplicate Assay |
| | | | 960 | 7 | 0.53 | 13 | N | 19 | |

| Hole No. | Water (ft) | Interval (ft) | OMAG No. | Register No. | N (%) | H. Assay (g/t) Sn | Ti | Zr | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 126 | | | NE 961 | 670598 | 0.55 | 2 | 8 | 25 | |
| | | | 962 | 9 | 1.91 | 6 | N | 76 | |
| | | | 963 | 600 | 0.98 | 3 | N | 39 | |
| | | | 964 | 1 | 0.34 | 1 | 5 | 20 | |
| | | | 965 | 2 | 0.23 | 1 | 2 | 14 | |
| | | | 966 | 3 | | | | | |
| | | | 967 | 4 | | | | | Clay Not Treated |
| | | | 968 | 5 | | | | | |
| | | | 969 | 6 | 0.30 | 22 | 12 | 42 | |
| | | | 970 | 7 | 0.56 | 20 | N | 36 | |
| | | | 971 | 8 | 0.66 | 66 | N | 26 | |
| | | | | | | 79 | N | 26 | Duplicate Assay |
| 127 | | | 972 | 9 | 0.43 | 8 | 8 | 41 | |
| | | | 973 | 10 | 0.47 | 7 | 12 | 38 | |
| | | | 974 | 1 | 0.51 | 10 | 20 | 66 | |
| | | | 975 | 2 | 0.75 | 15 | 11 | 30 | |
| | | | 976 | 3 | 0.65 | 20 | 6 | 49 | |
| | | | 977 | 4 | 0.77 | 15 | N | 27 | |
| | | | 978 | 5 | | | | | Clay Not Treated |
| | | | 979 | 6 | | | | | |
| | | | 980 | 7 | 0.82 | 49 | 8 | 45 | |
| | | | | | | 62 | 8 | 41 | Duplicate Assay |
| | | | 981 | 8 | 0.27 | 8 | 7 | 40 | |
| | | | 982 | 9 | 1.50 | 30 | N | 45 | |
| | | | 983 | 20 | 1.19 | 30 | N | 36 | |
| | | | | | | 6 | N | 24 | Duplicate Assay |
| | | | 984 | 1 | 1.60 | 51 | N | 48 | |
| | | | | | | 8 | N | 42 | Duplicate Assay |

| Hole No. | Water (ft) | Interval (ft) | OMAG No. | Register No. | N (%) | H. Assay (g/t) Sn | Ti | Zr | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 128 | | | NE 985 | 670622 | 0.17 | 4 | N | 8 | |
| | | | 986 | 3 | 0.09 | 4 | 1 | 4 | |
| 129 | | | 987 | 4 | 0.93 | 3 | N | 46 | |
| | | | 988 | 5 | 1.05 | 11 | N | 26 | |
| | | | 989 | 6 | | | | | Clay Not Treated |
| 130 | | | 990 | 7 | 0.68 | 24 | N | 24 | |
| | | | 991 | 8 | 2.82 | 23 | N | 70 | |
| | | | 992 | 9 | 0.85 | 3 | 21 | 38 | |
| | | | 993 | 30 | 0.76 | 2 | 15 | 27 | |
| | | | 994 | 1 | 2.12 | 6 | N | 53 | |
| | | | 995 | 2 | 2.31 | 9 | 23 | 58 | |
| 131 | | | 996 | 3 | 0.75 | 10 | 15 | 41 | |
| | | | | | | 20 | 15 | 38 | See Appx B. |
| | | | | | | 17 | 19 | 41 | |
| | | | | | | 17 | 19 | 41 | |
| | | | | | | 17 | 19 | 41 | |
| | | | 997 | 4 | 0.37 | 1 | 4 | 13 | |
| | | | 998 | 5 | 0.53 | 2 | 5 | 19 | |
| 132 | | | 999 | 6 | 0.63 | 4 | 16 | 34 | |
| | | | 1000 | 7 | 0.76 | 17 | 46 | 65 | |
| | | | | | | 28 | | | See Appx. C |
| | | | | | | 30 | | | |
| | | | | | | 28 | | | |
| | | | | | | 27 | | | |

| Hole No. | Water (ft.) | Interval (ft) | OMAG No. | Register No. | N (%) | H. Assay (g/t) Sn. | Ti | Zr | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 132 cont. | | | 1001 | 670638 | 0.68 | 12 | 27 | 54 | |
| | | | 1002 | 9 | 1.27 | 3 | 19 | 44 | |
| | | | 1003 | 40 | 1.16 | 14 | N | 29 | |
| | | | 1004 | 1 | 1.15 | 3 | N | 17 | |
| | | | 1005 | 2 | 0.81 | 3 | 8 | 32 | |
| | | | 1006 | 3 | 1.68 | 3 | N | 34 | |
| | | | 1007 | 4 | 1.00 | 3 | 20 | 55 | |
| 133 | | | 1008 | 670645 | 0.39 | 5 | 27 | 47 | |
| | | | 1009 | 6 | 1.46 | 18 | 44 | 117 | |
| | | | 1010 | 7 | 2.93 | 35 | N | 88 | |
| | | | 1011 | 8 | 1.40 | 10 | 56 | 105 | |
| | | | 1012 | 9 | 0.89 | 4 | 18 | 44 | |
| | | | 1013 | 50 | 0.53 | 2 | 16 | 32 | |
| | | | 1014 | 1 | 0.77 | 3 | 31 | 50 | |
| | | | 1015 | 2 | 0.29 | 1 | N | 9 | |
| 134 | | | 1016 | 670653 | 1.53 | 8 | N | 46 | |
| | | | 1017 | 4 | 1.28 | 5 | N | 26 | |
| | | | 1018 | 5 | 1.06 | 3 | N | 21 | |
| | | | 1019 | 6 | 1.41 | 4 | N | 21 | |
| 135 | | | 1020 | 670657 | 1.23 | 4 | N | 31 | |
| | | | 1021 | 8 | 0.93 | 4 | N | 37 | |
| | | | 1022 | 9 | 0.72 | 2 | 14 | 25 | |

| Hole No. | Water (ft) | Interval (ft) | OMAG No. | REGISTER No. | N (%) | H. ASSAY (g/t) Sn | Ti | Zr | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 136 | | | 1023 | 670660 | 0.90 | 4 | 18 | 31 | |
| | | | 1024 | 1 | 0.84 | 20 | 42 | 71 | |
| | | | | | | 18 | 59 | 67) | |
| | | | | | | 18 | 55 | 63) | See Appx B. |
| | | | | | | 18 | 63 | 67) | |
| | | | | | | 18 | 50 | 55) | |
| | | | 1025 | 670662 | 0.87 | 3 | 27 | 31 | |
| | | | 1026 | 3 | 0.85 | 3 | 17 | 34 | |
| | | | 1027 | 4 | 0.38 | T | 15 | 23 | |
| | | | 1028 | 5 | 2.82 | 8 | N | 42 | |
| | | | 1029 | 6 | 3.18 | 13 | N | 64 | |
| 137 | | | 1030 | 670667 | 0.84 | 3 | 59 | 80 | |
| | | | 1031 | 8 | 2.12 | 59 | N | 64 | |
| | | | | | | 55 | N | 85 | duplicate Assay |
| | | | 1032 | 9 | 0.73 | 17 | 11 | 29 | |
| | | | 1033 | 70 | 0.88 | 11 | 18 | 35 | |
| | | | 1034 | 1 | 1.16 | 107 | N | 23 | |
| | | | | | | 84 | | ) | |
| | | | | | | 85 | | ) | See Appx C |
| | | | | | | 87 | | ) | . |
| | | | | | | 85 | | ) | |
| | | | 1035 | 2 | 0.79 | 4 | 24 | 40 | |
| | | | 1036 | 3 | 0.78 | 4 | 16 | 23 | |

| Hole No. | Water (ft) | Interval (ft) | MAG No. | Register No. | (%) | H. Assay (g/t) Sn | Ti | Zr | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 138 | | | 1037 | 670674 | 1.22 | 4 | N | 37 | |
| | | | 1038 | 5 | 0.75 | 2 | 15 | 30 | |
| | | | 1039 | 6 | 0.52 | 5 | 31 | 26 | |
| | | | 1040 | 7 | 1.75 | 7 | N | 52 | |

Check Samples (Refer to Appx. F.)

| | | | | Remarks Total Sn. (g/t) |
|---|---|---|---|---|
| 1 | 670686 | 5.51 | 167 | |
| | | 5.59 | 179 | 192 |
| 2 | 670687 | 3.22 | 150 | |
| | | 3.30 | 152 | 163 |
| 3 | 670688 | 6.35 | 218 | |
| | | 6.77 | 223 | 223 |
| 4 | 670689 | 6.66 | 54 | |
| | | 6.97 | 56 | 59 |
| 5 | 670690 | 7.14 | 93 | |
| | | 7.39 | 96 | 108 |

The first result above was obtained by the routine method the second after drying all products, weighing them and then assaying them hence the total tin figure in the "Remarks" column.

927001

OFFSHORE

OCEAN MINING A. G.

AMG REFERENCE POINTS ADDED

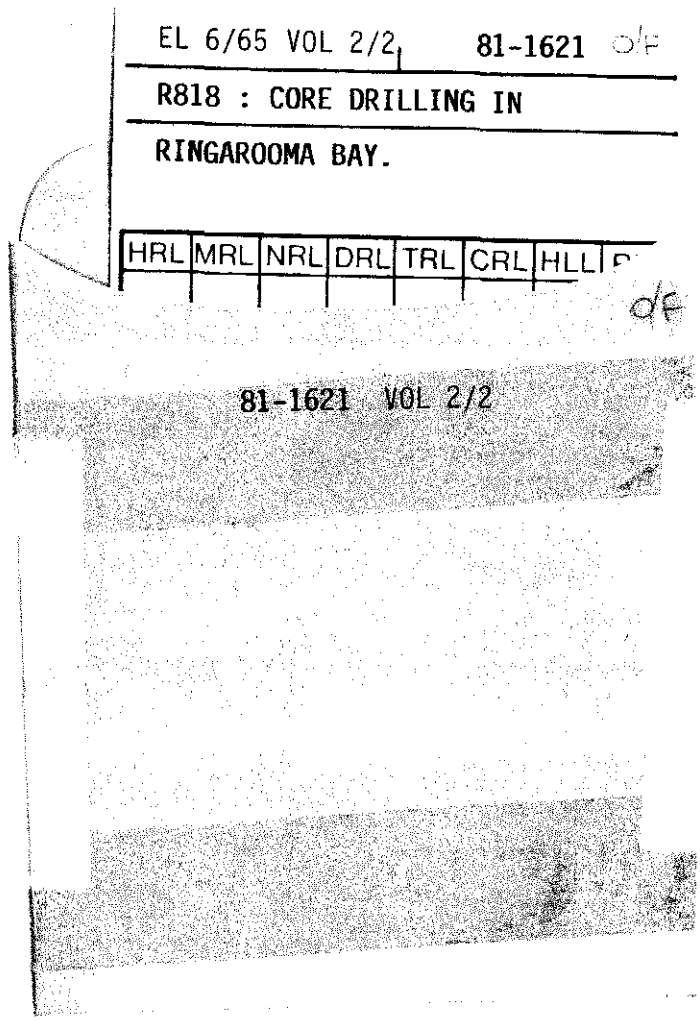
TASMANIA DEPARTMENT OF MINES

81-1621

927c.

927002

**SPECIAL NOTE** : THE FOLLOWING REPORTS RELATE TO OCEAN MINING AG AT RINGAROOMA BAY DURING THE 1960S - TCR 81-1620 TCR 81-1621 TCR 94 - 3648



OCEAN MINING A. G. 927003

REPORTS HELD

Part 1 81-1617
Prospectus for a Joint Offshore Mineral Exploration Program in Australia - October, 1965

Part 2 81-1618
Tasmania, Offshore Exploration Programme: Report of Operations - April, 1966
Includes:- Track Chart Seismic Survey North East Coast Tasmania
Sample Stations North East Coast Tasmania

Part 3 81-1618
Tasmania, Offshore Exploration Programme: Report of Operations - May, 1966
Includes:- Track Chart Seismic Survey King Island
Sample Stations King Island

Part 4 81-1618
Tasmania, Offshore Exploration Programme: Report of Operations - June, 1966
Includes:- Track Chart Seismic Survey Flinders Island
Sample Stations Flinders Island

Part 5 81-1618
Tasmania, Offshore Exploration Programme: Report of Operations - July, 1966
Includes:- Distribution of Tin, Titanium, Zirconium and Chromium, Flinders Island Tasmania

Part 6 81-1618
Tasmania, Offshore Exploration Programme: Report of Operations - August, 1966
Includes:- Bass Strait E.L. 23/65 Sample Stations
West King Island E.L. 22/65 Sample Stations
South West Coast Tasmania Sample Stations

Part 7 81-1618
Tasmania, Offshore Exploration Programme: Report of Operations - September, 1966
Includes:- Southern Tasmania E.L. 7/66 Sample Stations

Part 8 81-1618
Tasmania, Offshore Exploration Programme: Report of Operations - October, 1966
Includes:- Drill Hole Sites Oyster Bay - Tasmania
Drill Hole Sites Ringarooma Bay - Tasmania
Southern Tasmania E.L. 10/66 Sample Stations
Drill Logs (Phase 2) Oyster Bay - Tasmania

Part 9 81-1618
Tasmania, Offshore Exploration Programme: Report of Operations - November, 1966
Includes:- Drill Hole Sites Ringarooma Bay
Drill Hole Sites King Island
West Tasmania E.L. 11/66 Sample Stations
Stratigraphic Columns Ringarooma Bay
Stratigraphic Distribution of Tin, Titanium, Zirconium Ringarooma Bay

Part 10 81-1618
Tasmania, Offshore Exploration Programme: Report of Operations - December, 1966
Includes:- Drill Hole Sites King Island
Drill Hole Sites Ringarooma Bay
Drill Hole Sites Mussel Roe Bay
Sample Stations West Tasmania Licence
Stratigraphic Distribution of Tin, Titanium, Zirconium Ringarooma Bay

Part 11 81-1619
Tasmania, Offshore Exploration Programme: Report of Operations - January, 1967
Includes:- Drill Hole Sites Ringarooma Bay
Drill Hole Sites Mussel Roe Bay
Stratigraphic Columns, Mussel Roe Bay
Stratigraphic Distribution of Tin, Titanium and Zirconium Ringarooma Bay

Part 12 81-1619
Tasmania, Offshore Exploration Programme: Report of Operations - February, 1967
Includes:- Drill Hole Sites Ringarooma Bay
Drill Hole Sites King Island
Sample Stations West Tasmania Licence
Sample Stations, Cape Sorell Area, West Tasmania Licence
Stratigraphic Columns King Island
Stratigraphic Distribution of Tin, Titanium, Zirconium Ringarooma Bay

Part 13 81-1619
Tasmania, Offshore Exploration Programme: Report of Operations - March, 1967

Part 14 81-1619
Tasmania, Offshore Exploration Programme: Report of Operations - April, 1967

Part 15 81-1619
Tasmania, Offshore Exploration Programme: Report of Operations - May, June, 1967

Part 16 81-1619
Tasmania, Offshore Exploration Programme: Report of Operations - July, August, 1967
Includes:- Bedrock Topography Ringarooma Bay
Bathymetric Contours Ringarooma Bay

Part 17 81-1619
Tasmania, Offshore Exploration Programme: Report of Operations September, October, 1967

Part 18 81-1619
Tasmania, Offshore Exploration Programme: Report of Operations - November, December, 1967

Part 19 81-1620
TOE-JV Summary, Ringarooma Bay, Tasmania
April, 1969
Includes:- Tin Isograds Ringarooma Bay

# OCEAN MINING

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| **Bedrock Topography** | |
| King Island Sheet 1 | 1 |
| King Island Sheet 1A | 1 |
| King Island Sheet 2 | 3 |
| North East Sheet 1 | 3 |
| North East Sheet 2 | 2 |
| North East Sheet 3 | 2 |
| North East Sheet 4 | 2 |
| North East Sheet 4B | 1 |
| North East Sheet 5 | 3 |
| North East Sheet 5B | 1 |
| Flinders Island Sheet 1 | 2 |
| Flinders Island Sheet 2 | 2 |
| Flinders Island Sheet 2B | 1 |
| Flinders Island Sheet 3 | 2 |
| Flinders Island Sheet 4 | 2 |
| Flinders Island Sheet 5 | 2 |
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| Oyster Bay Map 6 Sheet 3 | 2 |
| Oyster Bay Map 6 Sheet 3B | 2 |
| Oyster Bay Map 7 Sheet 4 | 2 |
| **Sediment Distribution and Thickness** | |
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| King Island (Upper Layer) Sheet 1A | 1 |
| King Island (Upper and Lower Layer) Sheet 1 | 1 |
| King Island (Upper and Lower Layer) Sheet 1A | 1 |
| King Island Sheet 2 | 3 |
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| North East Sheet 2 | 2 |
| North East Sheet 3 | 2 |
| North East (Upper and Lower Layer) Sheet 4 | 2 |
| North East (Upper Layer) Sheet 4 | 2 |
| North East Sheet 4A | 1 |
| North East Sheet 4B | 1 |
| North East (Upper Layer) Sheet 5 | 3 |
| North East (Upper and Lower Layer) Sheet 5 | 3 |

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| **Sediment Distribution and Thickness (cont.)** | |
| Flinders Island (Upper and Lower Layer) Sheet 1 | 2 |
| Flinders Island (Upper and Lower Layer) Sheet 2 | 2 |
| Flinders Island (Upper and Lower Layer) Sheet 2B | 1 |
| Flinders Island (Upper Layer) Sheet 2B | 1 |
| Flinders Island (Upper Layer) Sheet 1 | 2 |
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| Flinders Island Sheet 4 | 2 |
| Flinders Island Sheet 6 | 2 |
| | |
| Oyster Bay Map 8 Sheet 1 | 1 |
| Oyster Bay Map 9 Sheet 2 | 1 |
| Oyster Bay Map 10 Sheet 3 | 2 |
| Oyster Bay Map 11 Sheet 4 | 2 |
| Oyster Bay Sheet 6D | 2 |

**Bathymetry**

King Island - Submarine Topography
Bathometer (Contours from spot surroundings. OMAG Hydro Survey Sheets & Admiralty Chart No. 404)
Bathymetry (5 Sheets)
Bathymetry Profiles Drg. No.'s AT3/B/7 – AT3/B/14

North East – Submarine Topography
Tide Curves
Bathymetry – EL's 7/65 & 24/65
Bathymetry (9 Sheets)

| | | |
|---|---|---|
| Bathymetric Profiles | 2 x | Drg. No.'s AT2/B/11 – AT2/B/16 |
| | 1 x | AT2/B/17 |
| | 2 x | AT2/B/18 – AT2/B/20 |
| | 1 x | AT2/B/21 – AT2/B/22 |
| | 2 x | AT2/B/23 – AT2/B/24 |
| | 2 x | Drg. No.'s AT2/B/45, AT2/B/46 |

Flinders Island – Bathymetry (Contours from spot surroundings. OMAG Hydro Survey Sheets & Admiralty Chart No.'s 1695A & Aus 147)
Bathymetry (5 Sheets)
Bathymetry Profiles (3 Sheets)

Oyster Bay – Submarine Topography (2 Sheets)
Tide Curves
Bathymetry Map 3 (2 Sheets)
Bathymetry (9 Sheets)
Bathymetry Profiles (16 Sheets)

Track Chart Seismic Survey Oyster Bay - Map 1 (2 Sheets)
Track Chart Seismic Survey Flinders Island

Stations Sampled North East Coast Tasmania – Fig. 3
Stations Sampled Flinders Island
Stations Sampled Oyster Bay - Map 2 (2 Sheets)

OCEAN MINING

927008

DATA HELD

Sparker Profiles (Not available)

65

OCEAN MINING

927009

| DATA LOCATION | LOCATION |
| --- | --- |
| Reports | Filing Cabinet |
| Maps | Map Drawer |
| Sparker Profiles | Vault |

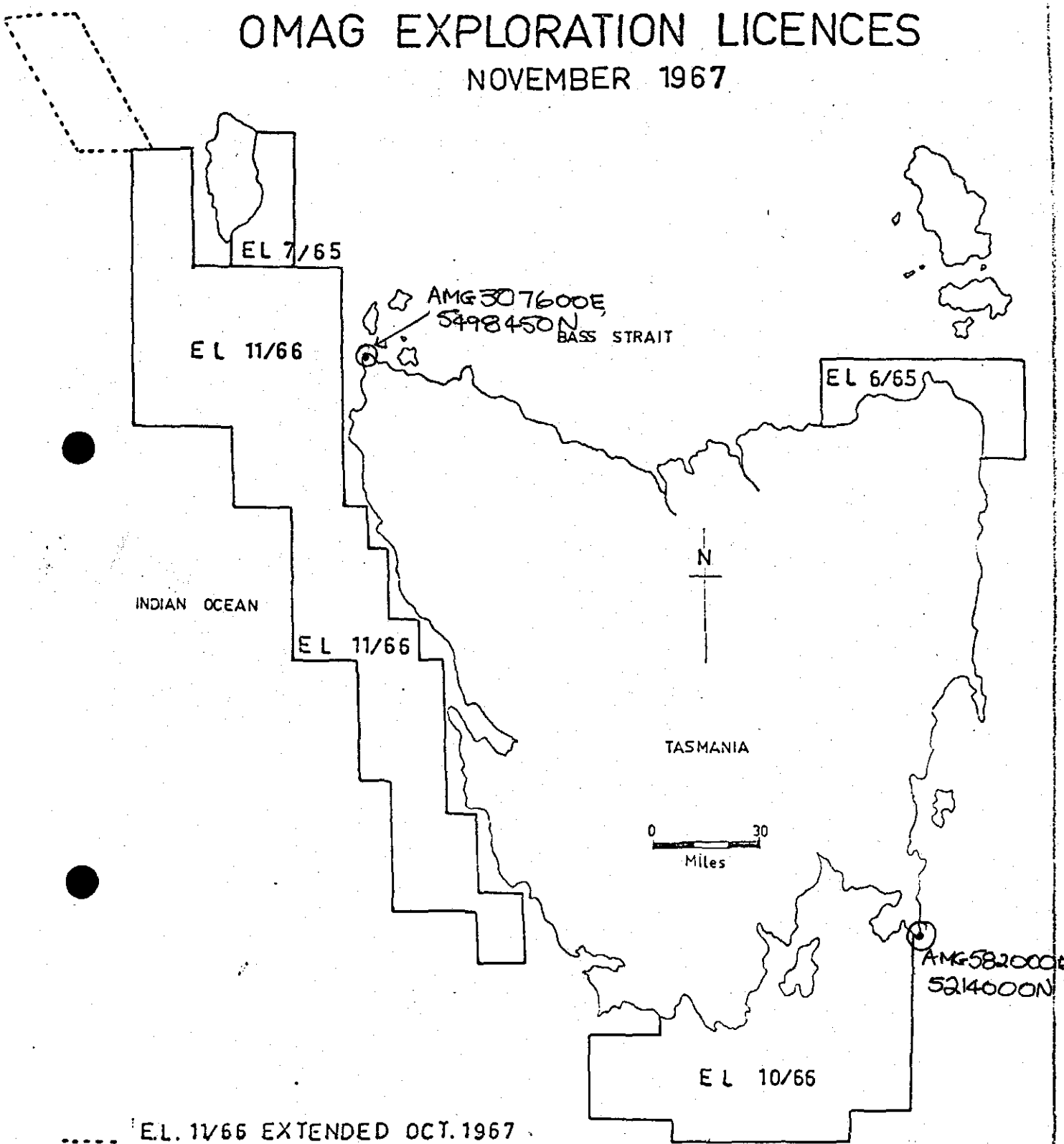
66

927010

OCEAN MINING A.G.

# OMAG EXPLORATION LICENCES

NOVEMBER 1967




5 cm

AMG REFERENCE POINTS ADDED

OCEAN MINING A.G. (TASMANIA) JUNE 1966

# BEDROCK TOPOGRAPHY
# KING ISLAND
# SHEET 1

ISG REFER REPORT 70-0676

AMG REFERENCE POINTS ADDED

Lavinia Pt.

AMG 2519005 5804700N

Cowper Pt.

Fraser Bluff

AMG 2553005 5815400N

N

5 cm

Thousand feet

0 2 4 6 8 10

INDEX TO ADJOINING SHEETS

SHEET 1

SHEET 2

Datum mean sea level

Bedrock contours (fathoms)

Raydist beacon stations

81 - 1631

# KING ISLAND

OCEAN MINING A.G.

## BEDROCK TOPOGRAPHY

0 2 4
MILES

5 cm

SHEET 1A

1A 1A

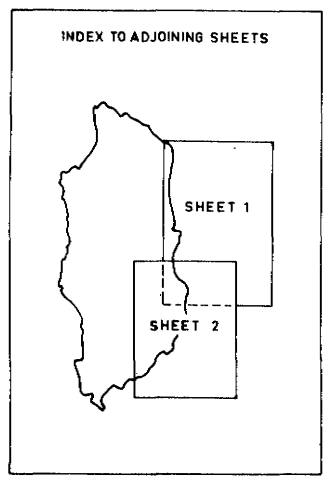


81-1621

(3) 81-1621

OCEAN MINING A.G. (TASMANIA) JUNE 1966

# BEDROCK TOPOGRAPHY
# KING ISLAND
# SHEET 2




N

Fraser Bluff

Bold Head

Thousand feet
0 2 4 6 8 10

5 cm

Datum mean sea level

Bedrock contours (fathoms)

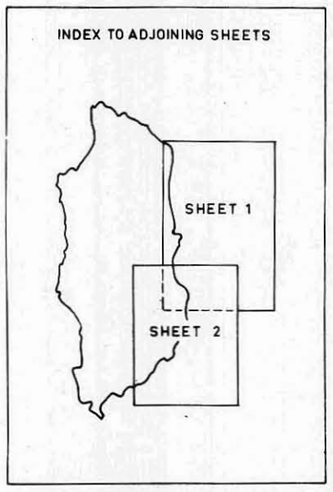
Raydist beacon stations

8114

④ 81-1621

OCEAN MINING A.G. (TASMANIA) JUNE 1966

# BEDROCK TOPOGRAPHY
# KING ISLAND
# SHEET 2




N

Thousand feet
0 2 4 6 8 10

Datum mean sea level

Bedrock contours (fathoms)

Raydist beacon stations

5 cm

**ISG REFER REPORT 70-0676**

**AMG REFERENCE POINTS ADDED**

AMG 255200E
5576500N

Fraser Bluff

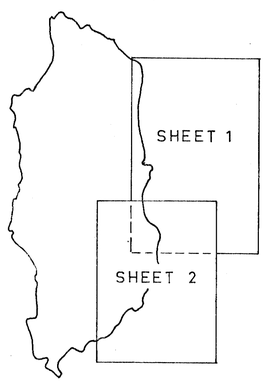
Bold Head

AMG 249200E
5560500N

OCEAN MINING A.G. (TASMANIA) JUNE 1966

# BEDROCK TOPOGRAPHY
# KING ISLAND
# SHEET 2

INDEX TO ADJOINING SHEETS




N

5 cm

Thousand feet

0 2 4 6 8 10

Datum mean sea level

Bedrock contours (fathoms)

Raydist beacon stations

Fraser Bluff

Bold Head

© 81-1621

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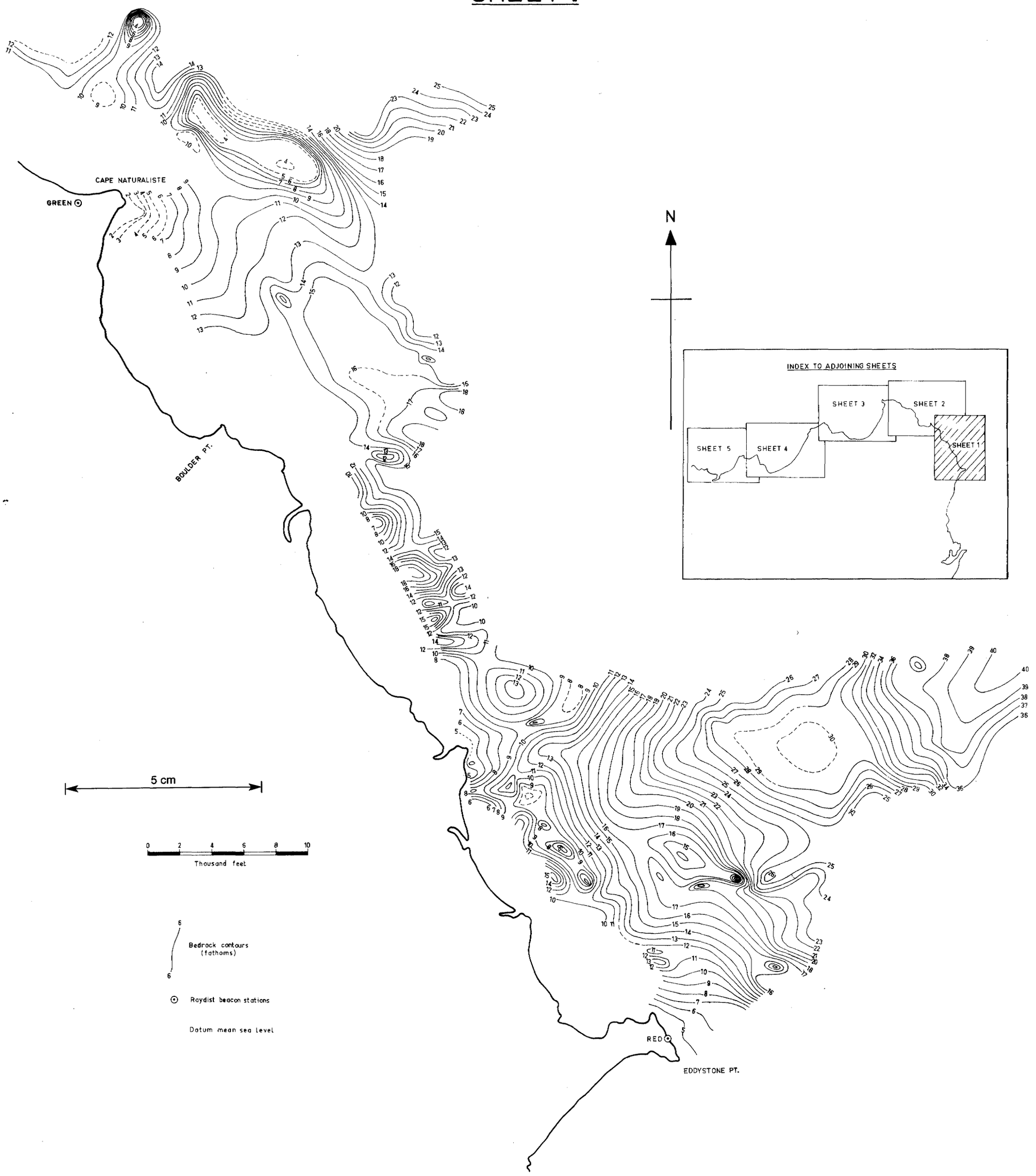
# BEDROCK TOPOGRAPHY
# NORTH EAST COAST TASMANIA
# SHEET 1




8085

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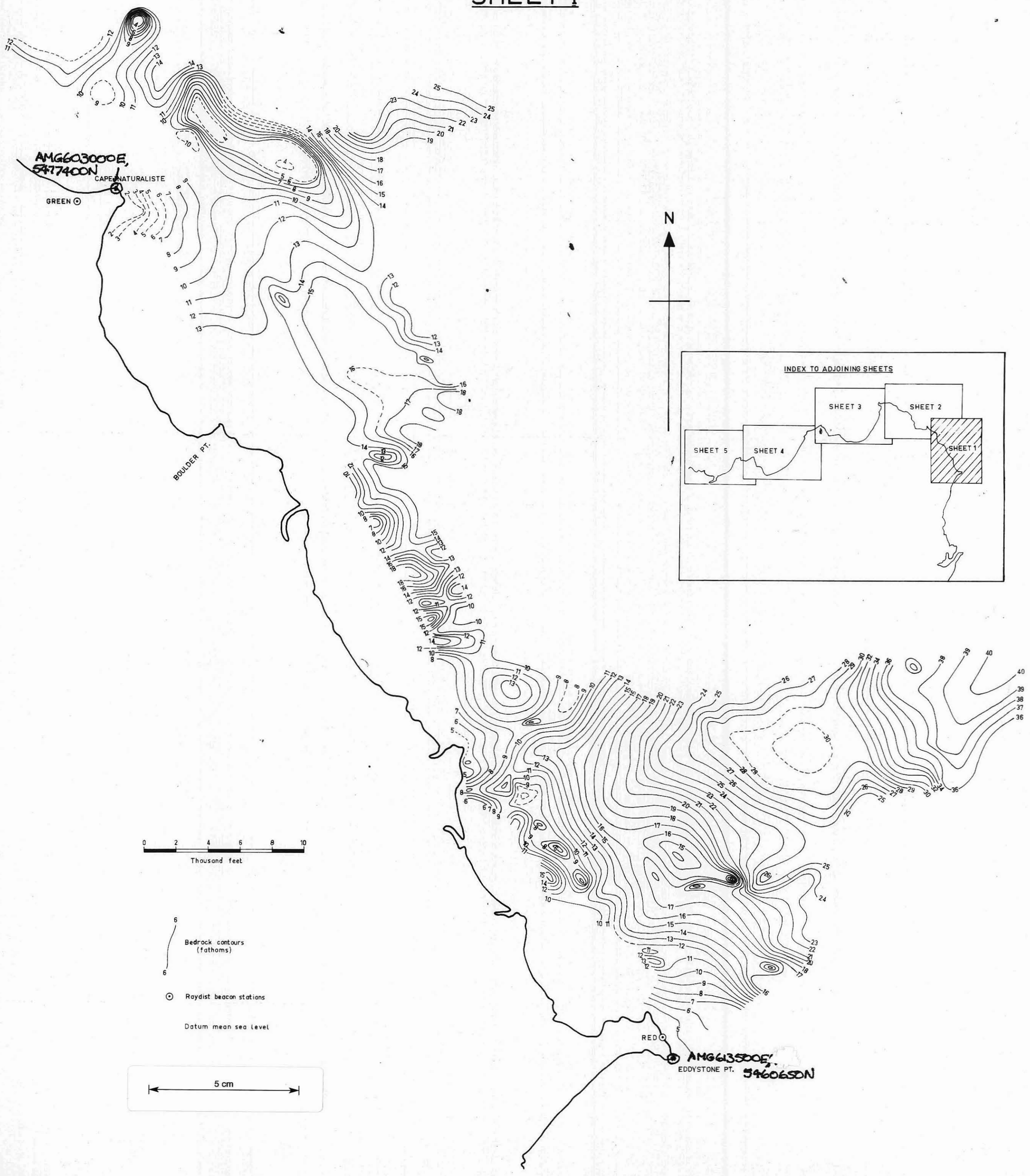
# BEDROCK TOPOGRAPHY
# NORTH EAST COAST TASMANIA
# SHEET 1



OCEAN MINING A.G. (TASMANIA) MAY 1966

# BEDROCK TOPOGRAPHY
# NORTH EAST COAST TASMANIA
# SHEET 1

CAPE NATURALISTE

GREEN ⊙

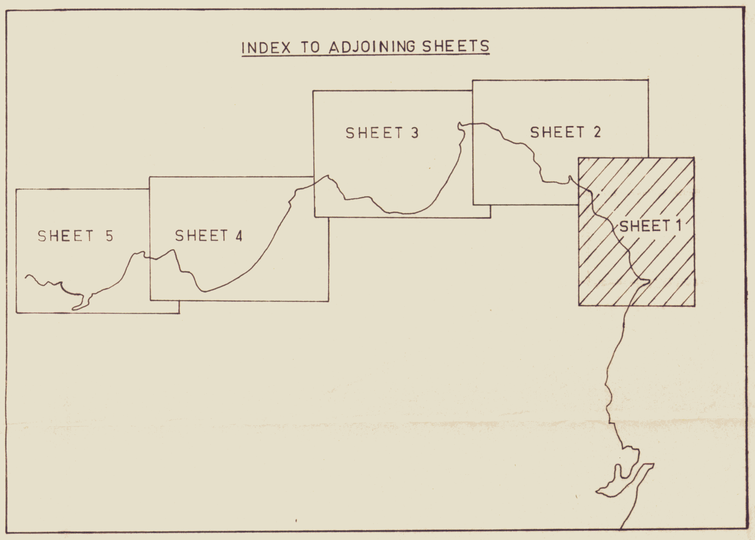
BOULDER PT.

RED ⊙

EDDYSTONE PT.

N

INDEX TO ADJOINING SHEETS




5 cm

0 2 4 6 8 10

Thousand feet

6 — Bedrock contours (fathoms) — 6

⊙ Raydist beacon stations

Datum mean sea level

⑧ 81-1621

OCEAN MINING A.G. (TASMANIA) MAY 1966

# BEDROCK TOPOGRAPHY
# NORTH EAST COAST TASMANIA
# SHEET. 2.

N

SWAN ISLAND

Vinegar Hill

AMG387400E
5486750N

Tree Point

Little Mussel Roe River

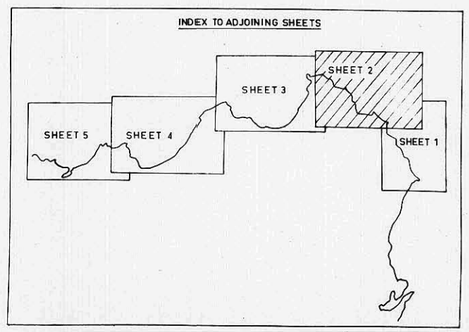
Mussel Roe Bay

Mussel Roe River

AMG603000E
5477400N

Cape Naturaliste

INDEX TO ADJOINING SHEETS




5 Bedrock contours (fathoms) 5

Raydist beacon stations

Datum mean sea level

0 2 4 6 8 10 Thousand feet.

AMG REFERENCE POINTS ADDED

5 cm

81-1621

81-1621

OCEAN MINING A.G. (TASMANIA) MAY 1966

# BEDROCK TOPOGRAPHY
# NORTH EAST COAST TASMANIA
# SHEET. 2.

N

SWAN ISLAND

Vinegar Hill

Tree Point

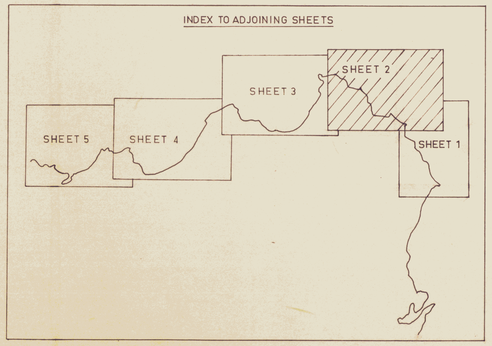
Little Mussel Roe River

Mussel Roe Bay

Mussel Roe River

Cape Naturaliste

INDEX TO ADJOINING SHEETS




5 — Bedrock contours (fathoms) — 5

Raydist beacon stations

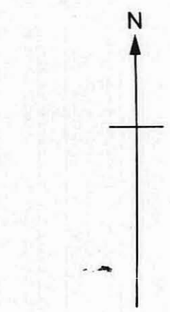
Datum mean sea level

0 2 4 6 8 10
Thousand feet.

5 cm

OCEAN MINING A G (TASMANIA) MAY 1966

# BEDROCK TOPOGRAPHY
# NORTH EAST COAST TASMANIA
# SHEET 3




AMG578900E
5489200N

Cape Portland

Vinegar Hill

AMG556400E
5480700N

Waterhouse Pt.

Tomahawk Pt.

Ringarooma Bay

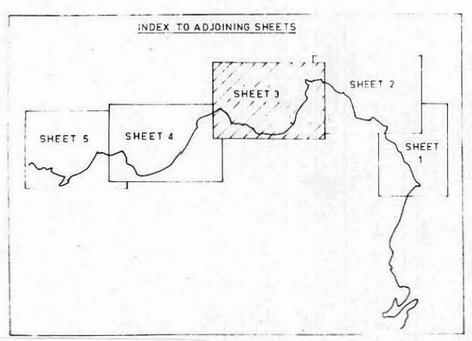
Bedrock contours (fathoms)

Raydist beacon stations

Datum mean sea level

Thousand feet
0 2 4 6 8 10

INDEX TO ADJOINING SHEETS




AMG REFERENCE POINTS ADDED

5 cm

81-1621

(12) 81-1621

OCEAN MINING A G (TASMANIA) MAY 1966

# BEDROCK TOPOGRAPHY
# NORTH EAST COAST TASMANIA
# SHEET 3

N

Cape Portland

Vinegar Hill

Waterhouse Pt.

Tomahawk Pt.

Ringarooma Bay

Bedrock contours (fathoms)

Raydist beacon stations

Datum mean sea level

Thousand feet
0 2 4 6 8 10

5 cm

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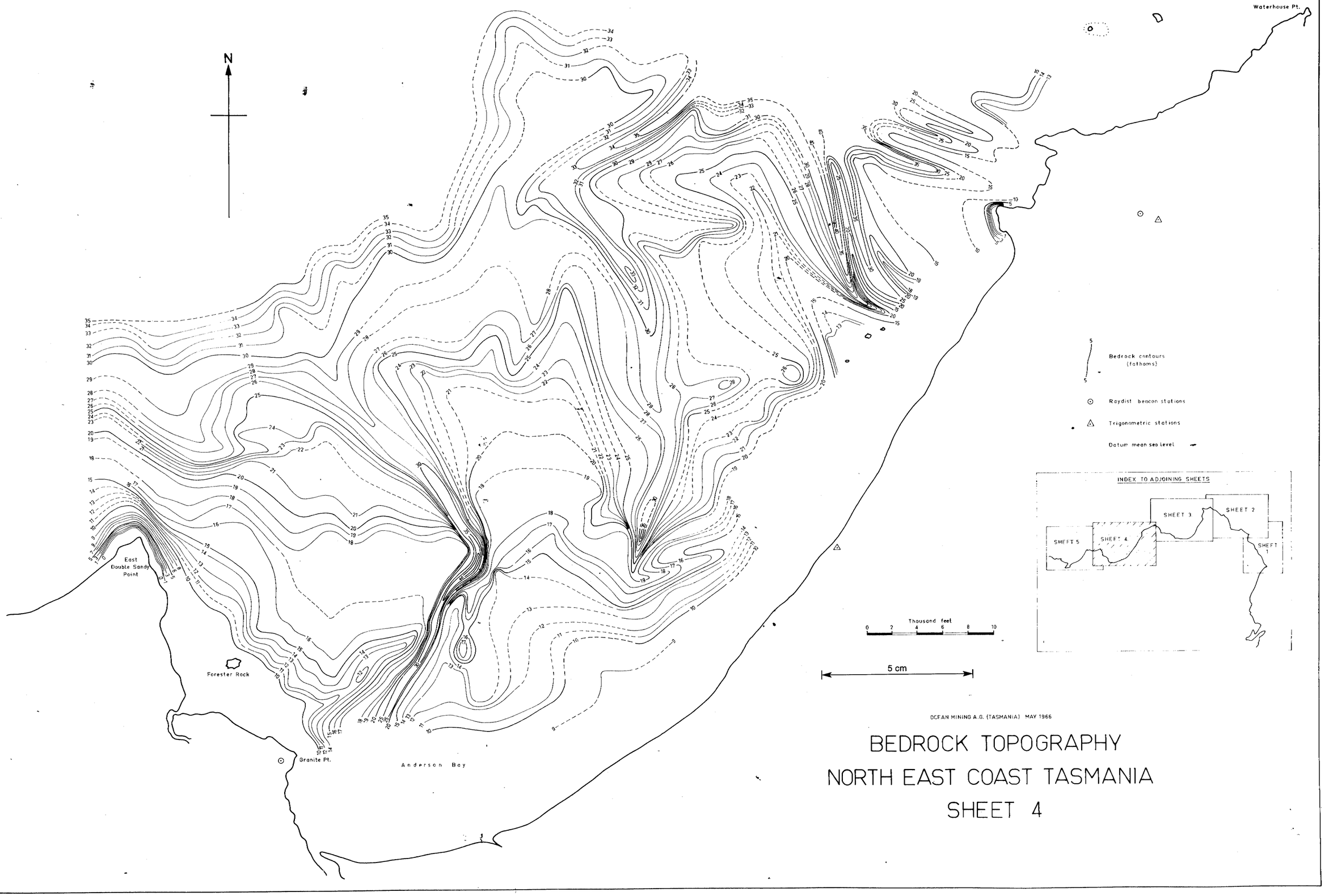
SHEET 1
SHEET 2
SHEET 3
SHEET 4
SHEET 5

8091




OCEAN MINING A.G. (TASMANIA) MAY 1966

# BEDROCK TOPOGRAPHY
# NORTH EAST COAST TASMANIA
# SHEET 4

81-1621

(13)

81-1621

N

Waterhouse Pt.

East Double Sandy Point

Forester Rock

Granite Pt.

Anderson Bay

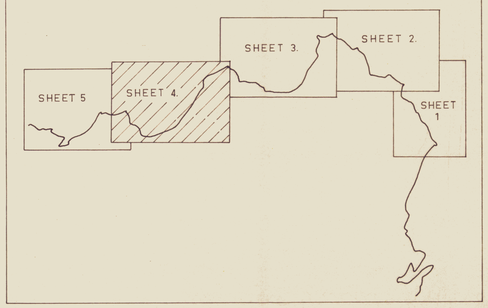
5 — Bedrock contours (fathoms) — 5

⊙ Raydist beacon stations

△ Trigonometric stations

Datum mean sea level

INDEX TO ADJOINING SHEETS




Thousand feet
0 2 4 6 8 10
5 cm

OCEAN MINING A.G. (TASMANIA) MAY 1966

# BEDROCK TOPOGRAPHY
# NORTH EAST COAST TASMANIA
# SHEET 4

809J

# NORTH EAST COAST

SHEET 4B

OCEAN MINING A.G.

## BEDROCK TOPOGRAPHY

0 2 4

MILES

5 cm

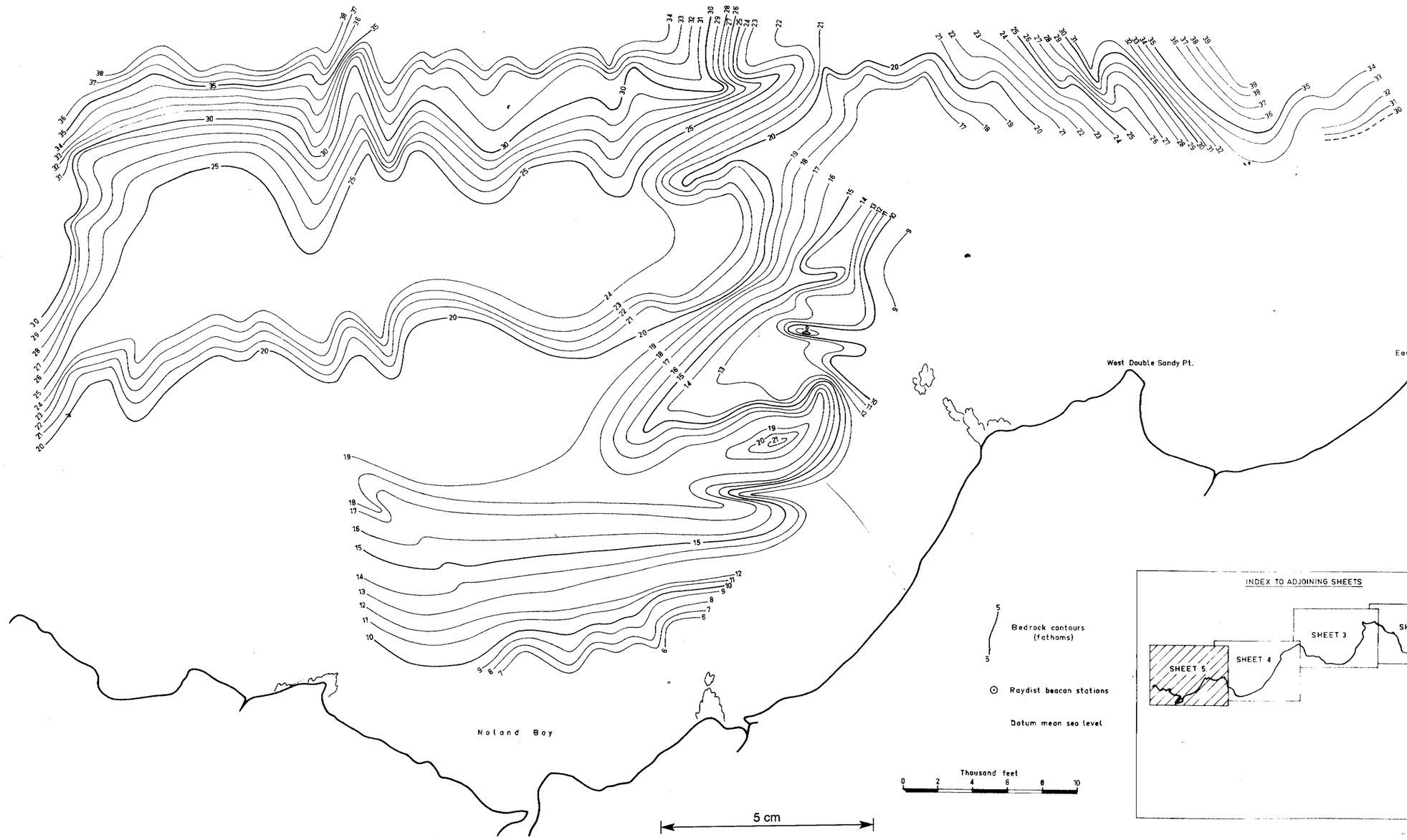
81-1621

(15)

(16) 81-1621

OCEAN MINING A.G. (TASMANIA) MAY 1966

# BEDROCK TOPOGRAPHY
# NORTH EAST COAST TASMANIA
# SHEET 5



OCEAN MINING A.G. (TASMANIA) MAY 1966

# BEDROCK TOPOGRAPHY
# NORTH EAST COAST TASMANIA
# SHEET 5

N

West Double Sandy Pt.

East Double Sandy Pt.

Noland Bay

5 Bedrock contours (fathoms) 5

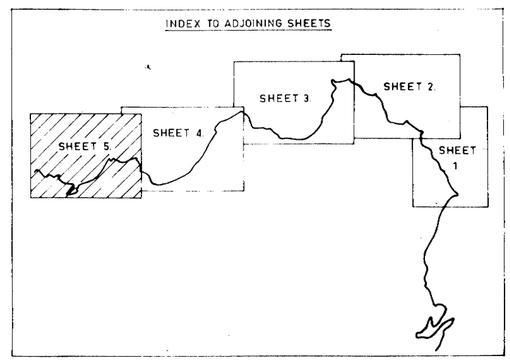
⊙ Raydist beacon stations

Datum mean sea level

Thousand feet
0 2 4 6 8 10

5 cm

INDEX TO ADJOINING SHEETS



81-1621

OCEAN MINING A.G. (TASMANIA) MAY 1966

# BEDROCK TOPOGRAPHY
# NORTH EAST COAST TASMANIA
# SHEET 5

N

West Double Sandy Pt.

East Double Sandy Pt.

Noland Bay

5 Bedrock contours (fathoms) 5

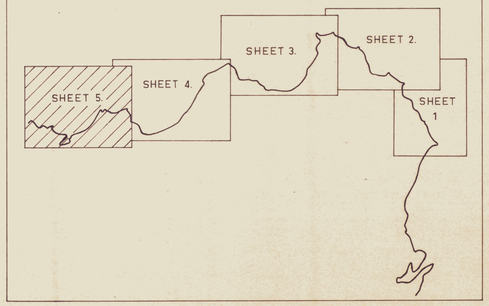
⊙ Raydist beacon stations

Datum mean sea level

Thousand feet
0 2 4 6 8 10

5 cm

INDEX TO ADJOINING SHEETS




8096

# NORTH EAST COAST

OCEAN MINING A.G.

## BEDROCK TOPOGRAPHY

0 2 4

MILES

5 cm

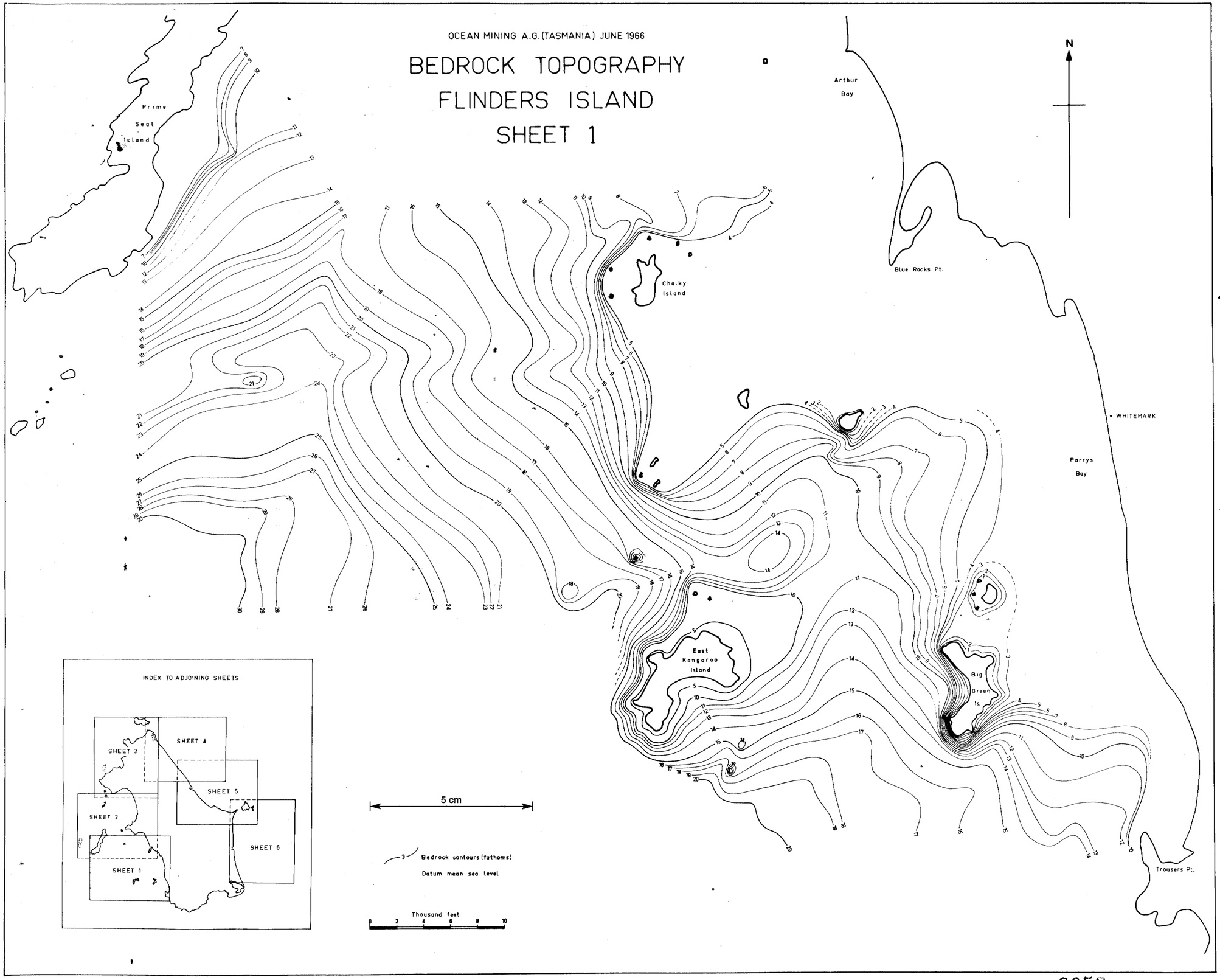
SHEET 5B



81-1621

OCEAN MINING A.G. (TASMANIA) JUNE 1966

# BEDROCK TOPOGRAPHY
# FLINDERS ISLAND
# SHEET 1




INDEX TO ADJOINING SHEETS




5 cm

3 Bedrock contours (fathoms)

Datum mean sea level

Thousand feet
0 2 4 6 8 10

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OCEAN MINING A.G. (TASMANIA) JUNE 1966

# BEDROCK TOPOGRAPHY
# FLINDERS ISLAND
# SHEET 1

N

Prime Seal Island

Arthur Bay

Blue Rocks Pt.

Chalky Island

East Kangaroo Island

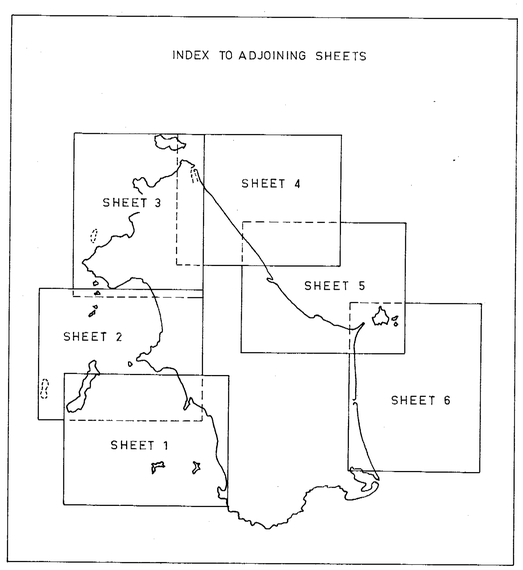
Big Green Is.

WHITEMARK

Parrys Bay

Trousers Pt.

INDEX TO ADJOINING SHEETS




3 Bedrock contours (fathoms)

Datum mean sea level

5 cm

Thousand feet

0 2 4 6 8 10

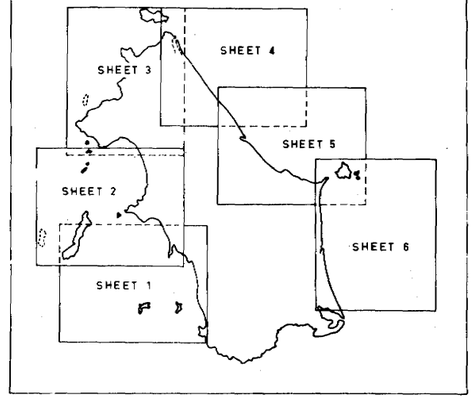
81-1621

OCEAN MINING A.G. (TASMANIA) JUNE 1966

# BEDROCK TOPOGRAPHY FLINDERS ISLAND SHEET 2

5 cm

INDEX TO ADJOINING SHEETS




Thousand feet
0 2 4 6 8 10

6 Bedrock contours (fathoms)

Datum mean sea level

N

Nth. Pasco Is.

Middle Pasco Is.

Sth. Pasco Is.

Marshall Bay

Settlement Pt.

Prime Seal Island

Swires Patch

Arthur Bay

Blue Rocks Pt.

Chalky Island

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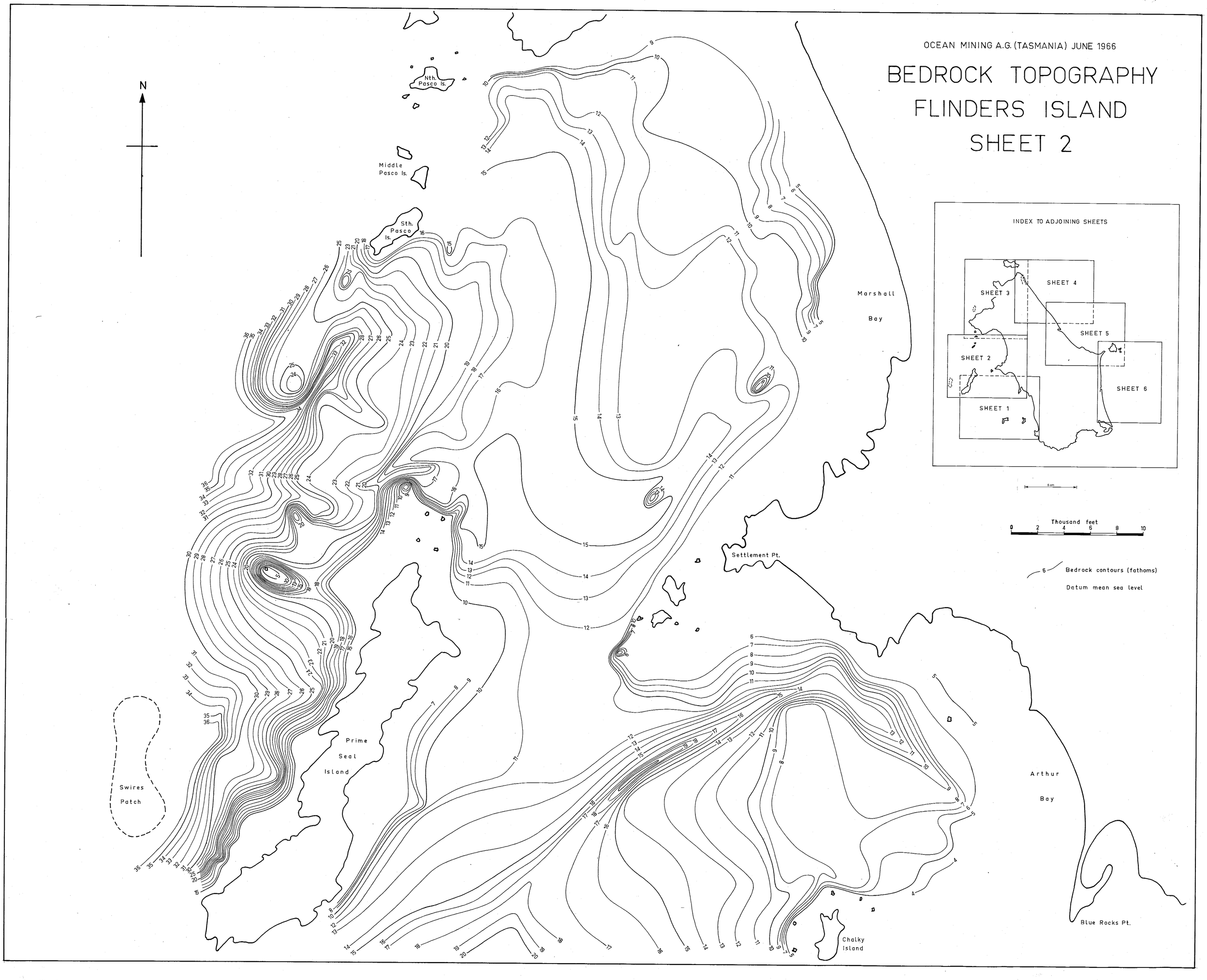
8061


OCEAN MINING A.G. (TASMANIA) JUNE 1966
BEDROCK TOPOGRAPHY
FLINDERS ISLAND
SHEET 2
N
Nth. Pasco Is.
Middle Pasco Is.
Sth. Pasco Is.
Marshall Bay
Settlement Pt.
Prime Seal Island
Swires Patch
Arthur Bay
Blue Rocks Pt.
Chalky Island
INDEX TO ADJOINING SHEETS
SHEET 1
SHEET 2
SHEET 3
SHEET 4
SHEET 5
SHEET 6
Thousand feet
0 2 4 6 8 10
Bedrock contours (fathoms)
Datum mean sea level

2B 2B

SHEET 2B

OCEAN MINING A.G.

# BEDROCK TOPOGRAPHY

0 2 4

MILES

5 cm

FLINDERS ISLAND

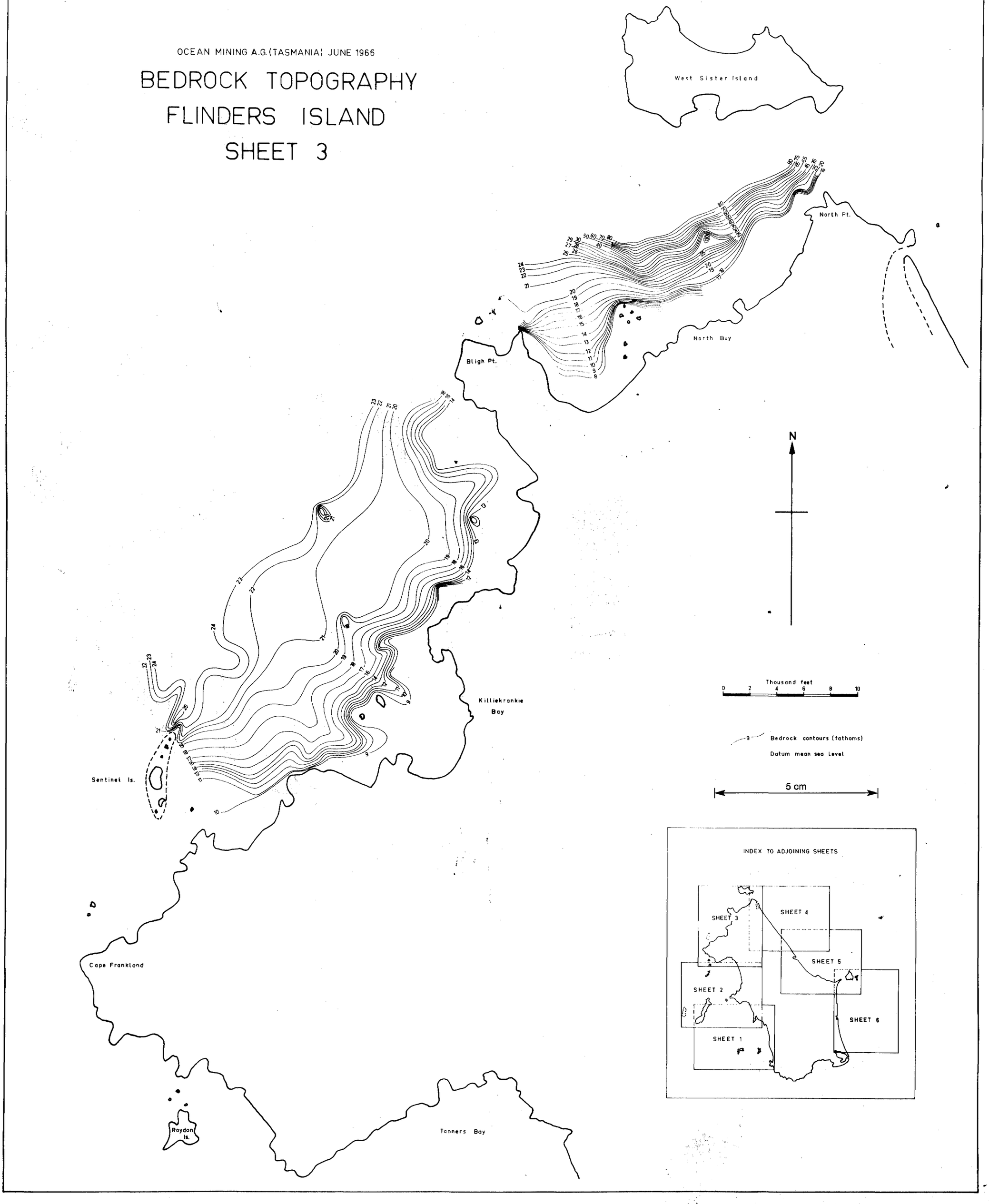
81-1621

(24)

(25) 81-1621

OCEAN MINING A.G. (TASMANIA) JUNE 1966

# BEDROCK TOPOGRAPHY
# FLINDERS ISLAND
# SHEET 3



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OCEAN MINING A.G.(TASMANIA) JUNE 1966

# BEDROCK TOPOGRAPHY
# FLINDERS ISLAND
# SHEET 3

West Sister Island

North Pt.

North Bay

Bligh Pt.

Killiekrankie Bay

Sentinel Is.

Cape Frankland

Roydon Is.

Tanners Bay

N

5 cm

Thousand feet

0 2 4 6 8 10

9 Bedrock contours (fathoms)

Datum mean sea level

INDEX TO ADJOINING SHEETS

SHEET 1

SHEET 2

SHEET 3

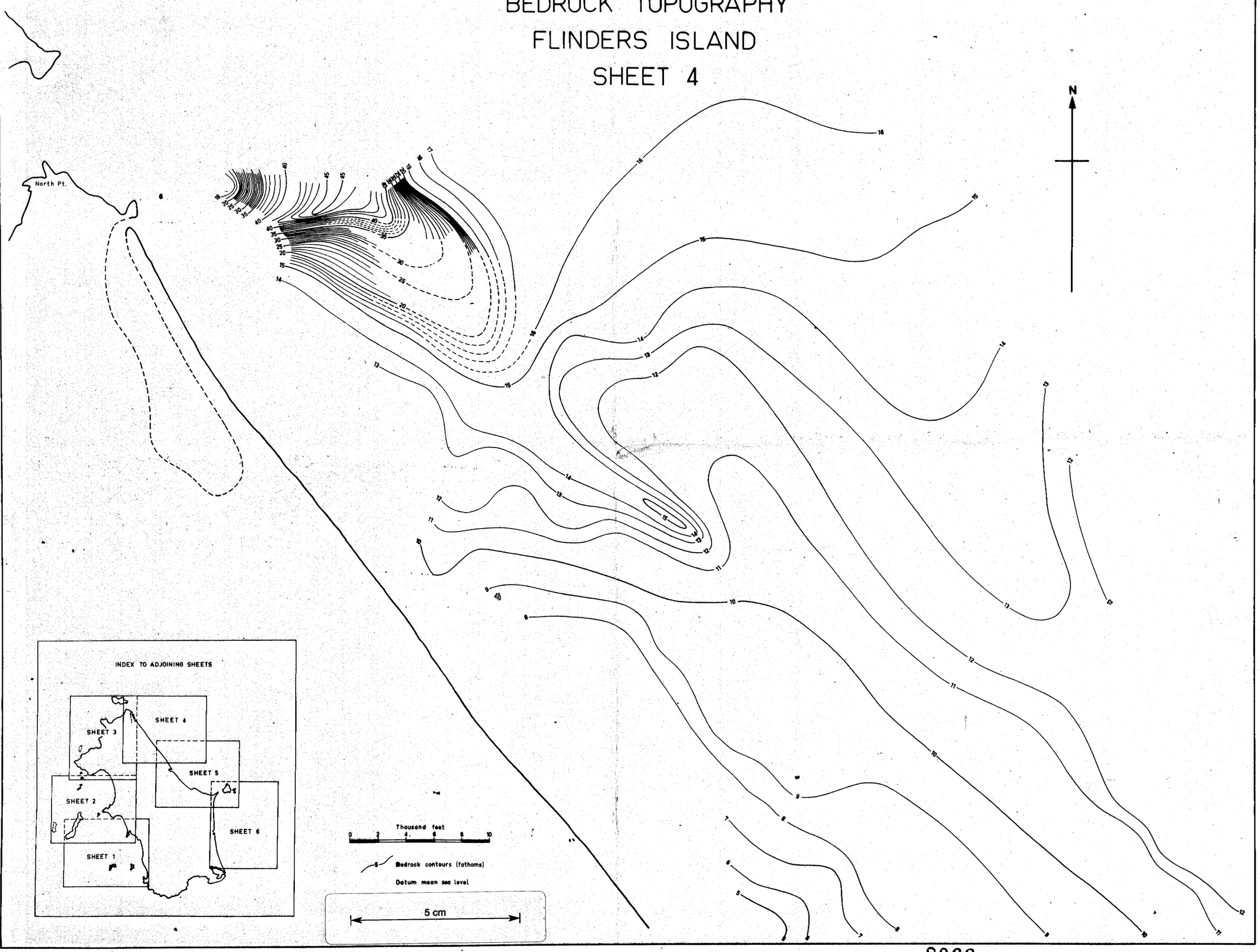
SHEET 4

SHEET 5

SHEET 6

OCEAN MINING A.G. (TASMANIA) JUNE 1966

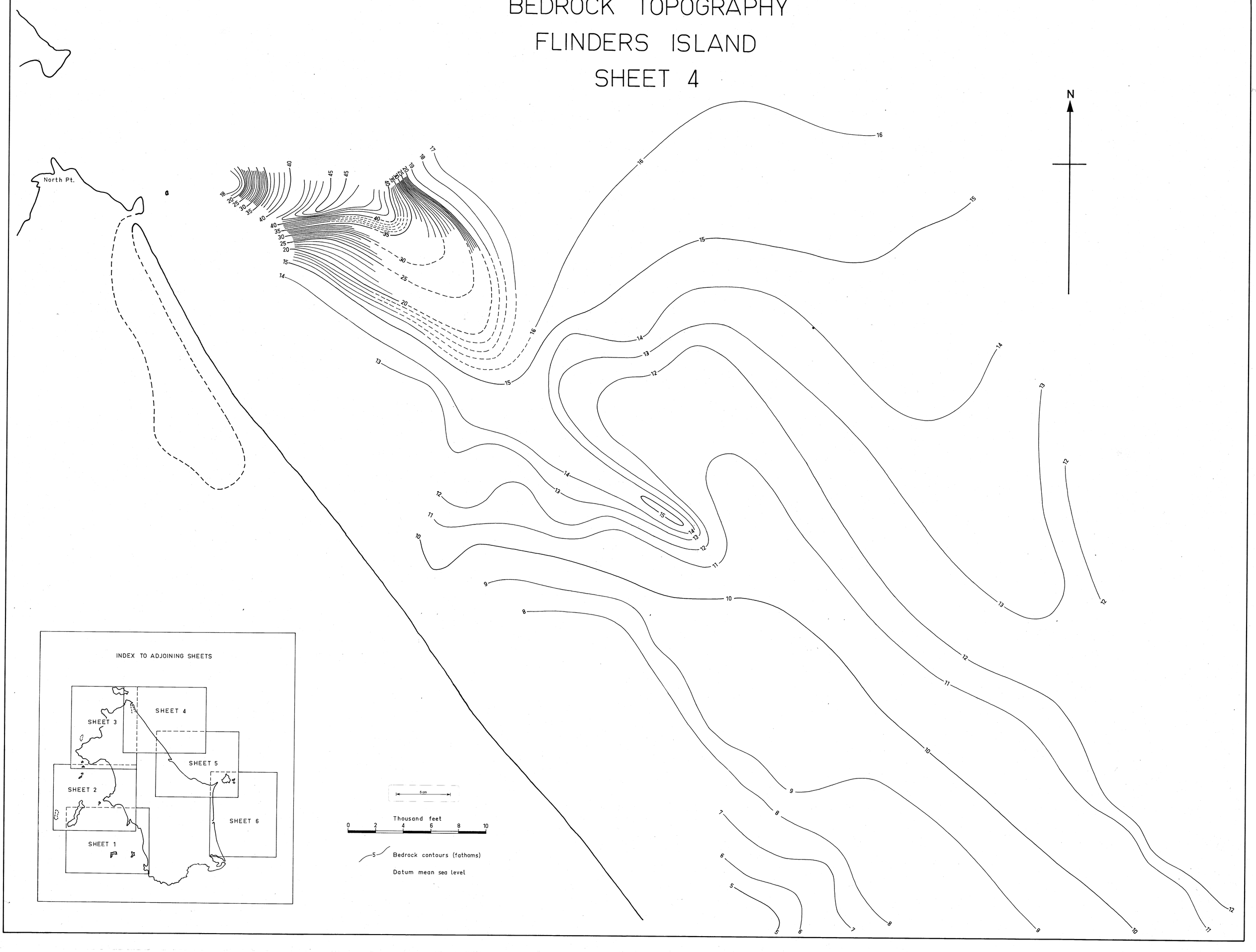
# BEDROCK TOPOGRAPHY
# FLINDERS ISLAND
# SHEET 4




81-1621
(27)

OCEAN MINING A.G. (TASMANIA) JUNE 1966

# BEDROCK TOPOGRAPHY
# FLINDERS ISLAND
# SHEET 4




1291-18

OCEAN MINING A.G. (TASMANIA) JUNE 1966

# BEDROCK TOPOGRAPHY
# FLINDERS ISLAND
# SHEET 5

N

AMG600600E,
5577400N

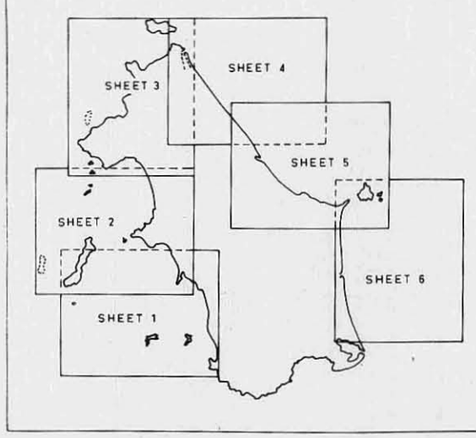
AMG616300E,
5577150N

Babel Island

Cat Is.

Seller Pt.

INDEX TO ADJOINING SHEETS




Thousand feet
0 2 4 6 8 10

7 Bedrock contours (fathoms)

Datum mean sea level

5 cm

AMG REFERENCE POINTS ADDED

81-1621

29

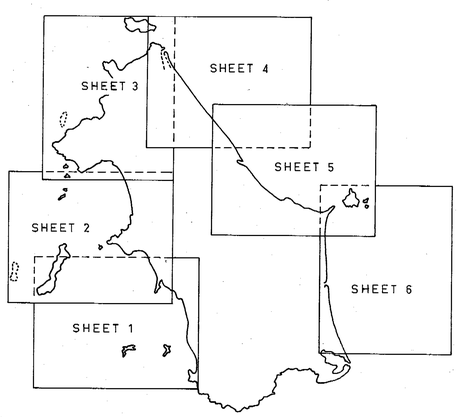
8068

OCEAN MINING A.G. (TASMANIA) JUNE 1966

# BEDROCK TOPOGRAPHY
# FLINDERS ISLAND
# SHEET 5

N

INDEX TO ADJOINING SHEETS




5cm

Thousand feet
0 2 4 6 8 10

7 Bedrock contours (fathoms)

Datum mean sea level

Babel Island

Cat Is.

Sellar Pt.

31-1621

(31) 81-1621

OCEAN MINING A.G. (TASMANIA) JUNE 1966

# BEDROCK TOPOGRAPHY
# FLINDERS ISLAND
# SHEET 6

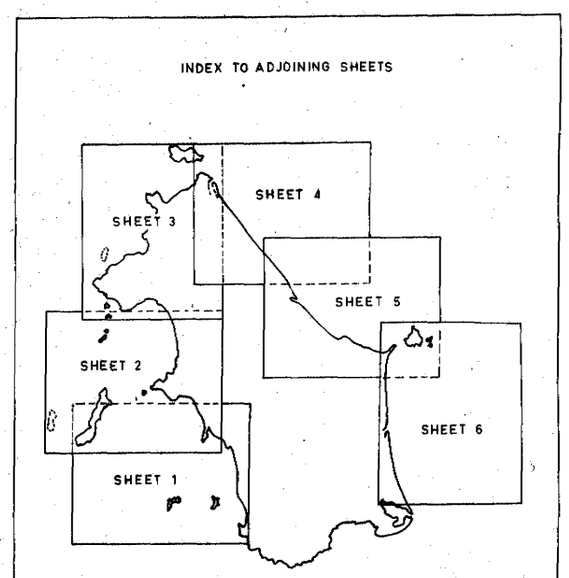
Babel Island

Cat Is.

Sellar Pt.

Cameron's Inlet

INDEX TO ADJOINING SHEETS




N

Thousand feet
0 2 4 6 8 10

6 Bedrock contours (fathoms)

Datum mean sea level

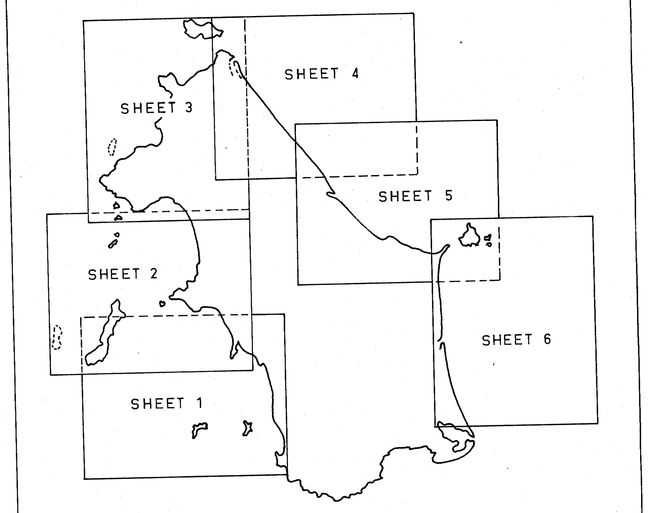
5 cm

(21) 81-1621

OCEAN MINING A.G. (TASMANIA) JUNE 1966

# BEDROCK TOPOGRAPHY
# FLINDERS ISLAND
# SHEET 6

INDEX TO ADJOINING SHEETS




Babel Island

Cat Is.

Sellar Pt.

Cameron's Inlet

N

5 cm

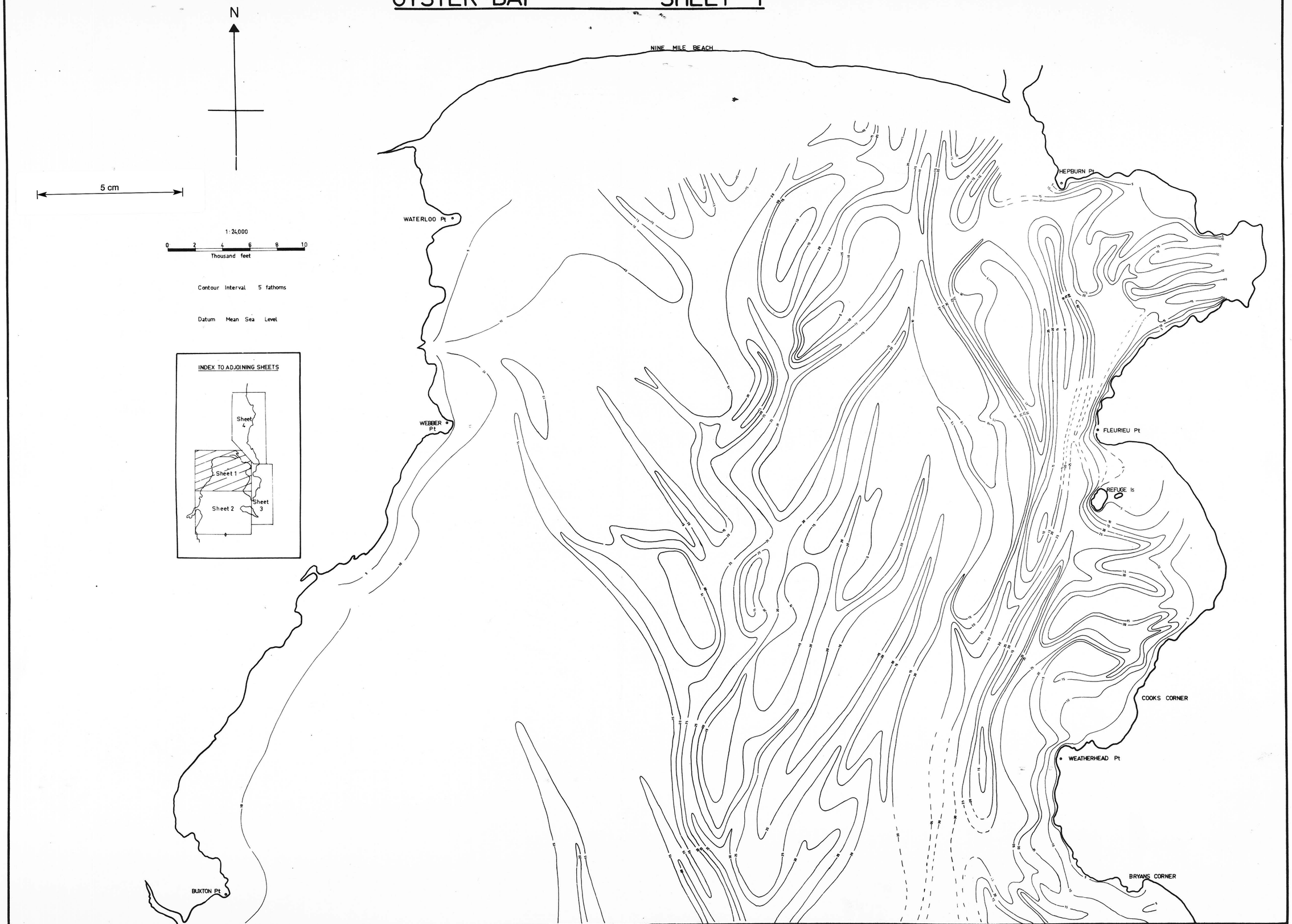
Thousand feet
0 2 4 6 8 10

6 Bedrock contours (fathoms)

Datum mean sea level

# BEDROCK TOPOGRAPHY MAP 4.

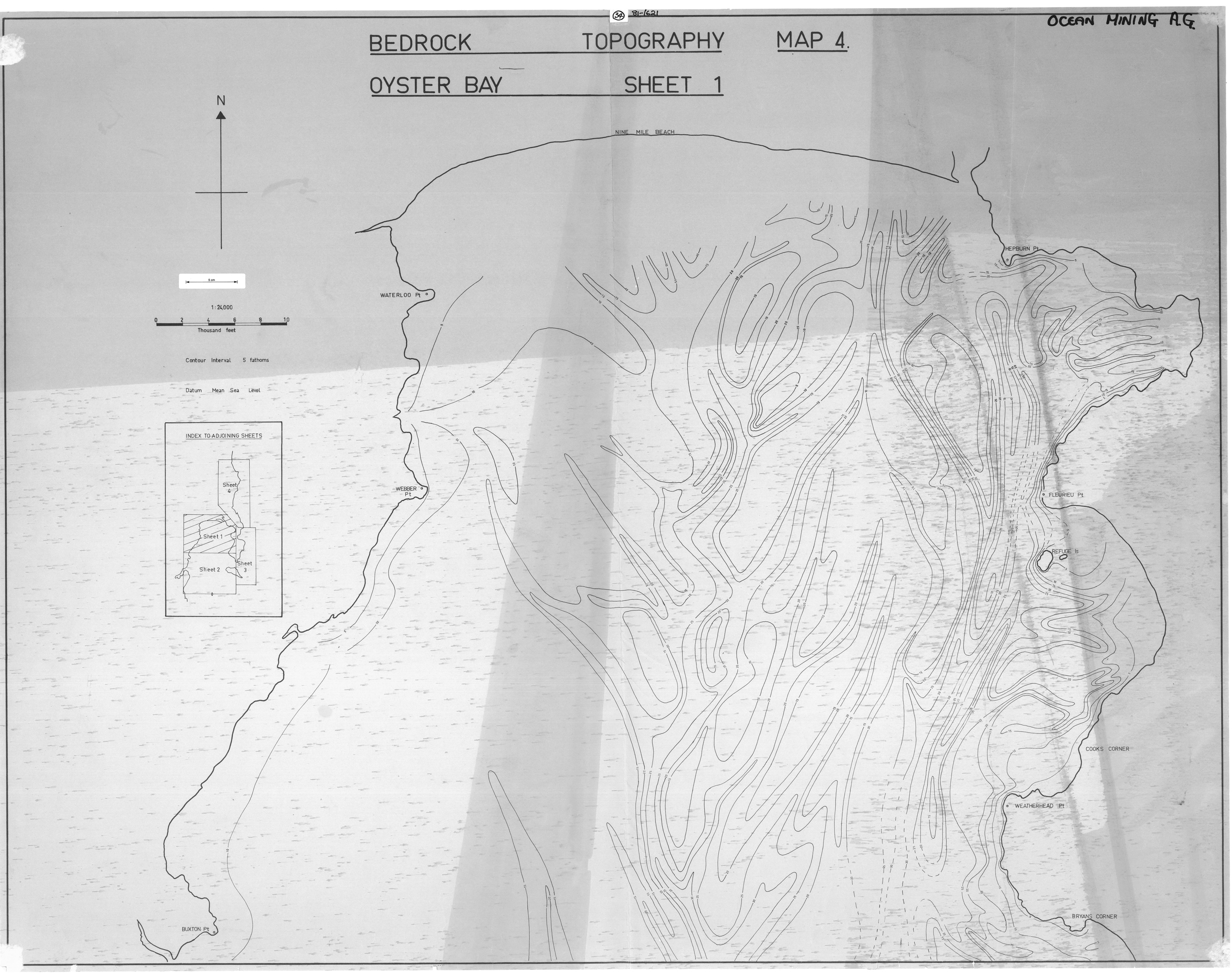
## OYSTER BAY SHEET 1




8049

81-1621

33



(34) 81-1621
OCEAN MINING A.G.
BEDROCK TOPOGRAPHY MAP 4.
OYSTER BAY SHEET 1
N
5 cm
1:24,000
0 2 4 6 8 10
Thousand feet
Contour Interval 5 fathoms
Datum Mean Sea Level
INDEX TO ADJOINING SHEETS
Sheet 4
Sheet 1
Sheet 2
Sheet 3
NINE MILE BEACH
WATERLOO Pt
WEBBER Pt
HEPBURN Pt
FLEURIEU Pt
REFUGE Is
COOKS CORNER
WEATHERHEAD Pt
BRYANS CORNER
BUXTON Pt

# MAP 5 BEDROCK TOPOGRAPHY
## OYSTER BAY SHEET 2

N

5 cm

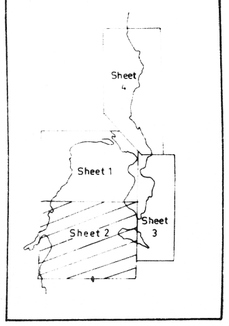
1 24000

0 2 4 6 8 10
Thousand feet

Contour Interval 5 fathoms

Datum Mean Sea Level

INDEX TO ADJOINING SHEETS




BUXTON Pt

LITTLE SWANPORT

Pt BAILLY

COOKS CORNER

WEATHERHEAD Pt

BRYANS CORNER

SANDSTONE BLUFF

SCHOUTEN ISLAND

HEN & CHICKEN BAY

ISLE des PHOQUES

81-1621

8050

OCEAN MINING A.G.

# MAP 5. BEDROCK TOPOGRAPHY

## OYSTER BAY SHEET 2

N

BUXTON Pt

COOKS CORNER

WEATHERHEAD Pt

BRYANS CORNER

5 cm

1 24000

0 2 4 6 8 10

Thousand feet

Contour Interval 5 fathoms

Datum Mean Sea Level

LITTLE SWANPORT

SANDSTONE BLUFF

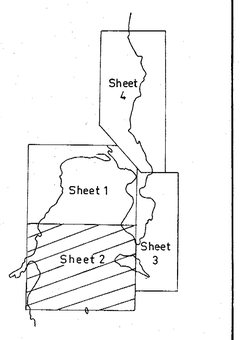
SCHOUTEN ISLAND

HEN & CHICKEN BAY

Pt BAILLY

ISLE des PHOQUES

INDEX TO ADJOINING SHEETS

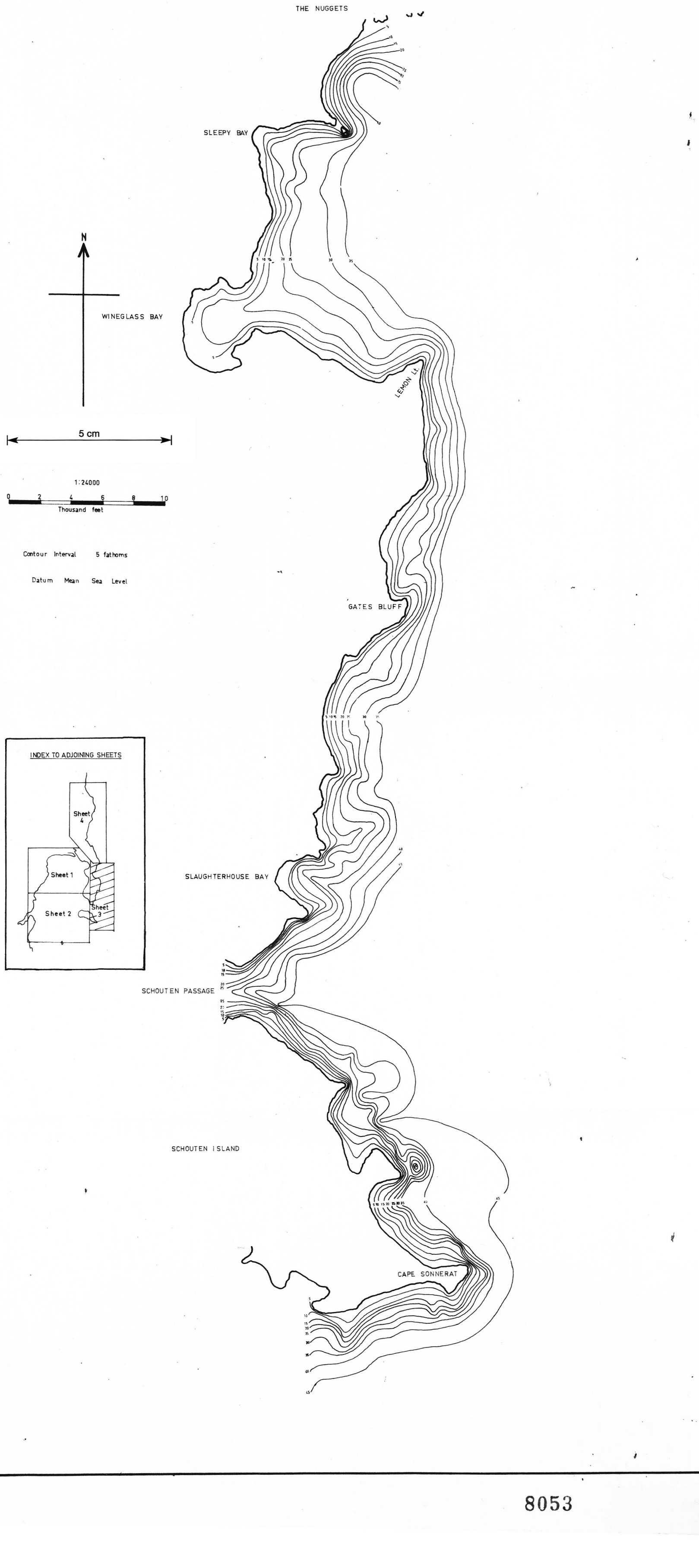


(37) 81-1621

# MAP 6.

## BEDROCK TOPOGRAPHY

## OYSTER BAY SHEET 3



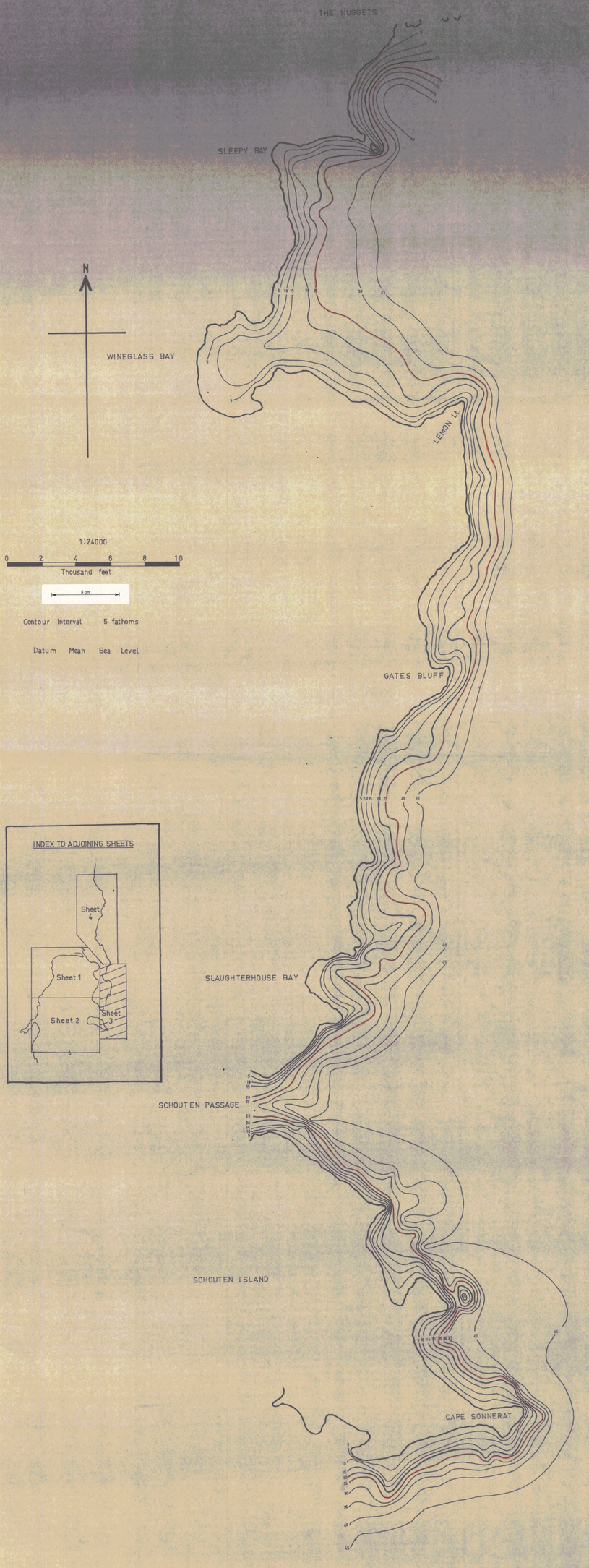

8053

(38) 81-1621

# MAP 6.

# BEDROCK TOPOGRAPHY

# OYSTER BAY SHEET 3




8102

8102

6B



# OYSTER BAY

OCEAN MINING A.G.

## BEDROCK TOPOGRAPHY

0 2 4

MILES

5 cm

SHEET 3B
MAP 6

21-1621


OYSTER BAY
OCEAN MINING A.G.
BEDROCK TOPOGRAPHY
0 2 4
MILES
5 cm
SHEET 3B
MAP 6
6(2)
81-1621
40

(41) 81-1621

# BEDROCK TOPOGRAPHY MAP 7
## OYSTER BAY - SHEET 4.

AMG REFERENCE POINTS ADDED

AMG6051OOE, 5367600N

DIAMOND IS.

GOVERNOR IS.

BICHENO

BUTLERS Pt.

FRIENDLY BEACHES

THE NUGGETS.

AMG6107OOE, 5337800N

N

1:24,000.

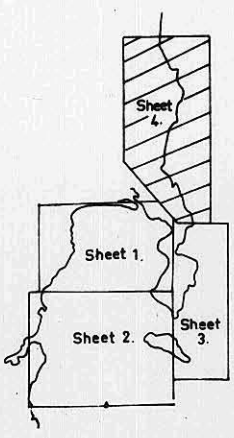
0 2 4 6 8 10

Thousand feet.

5 cm

5 Bedrock contours (fathoms) 5

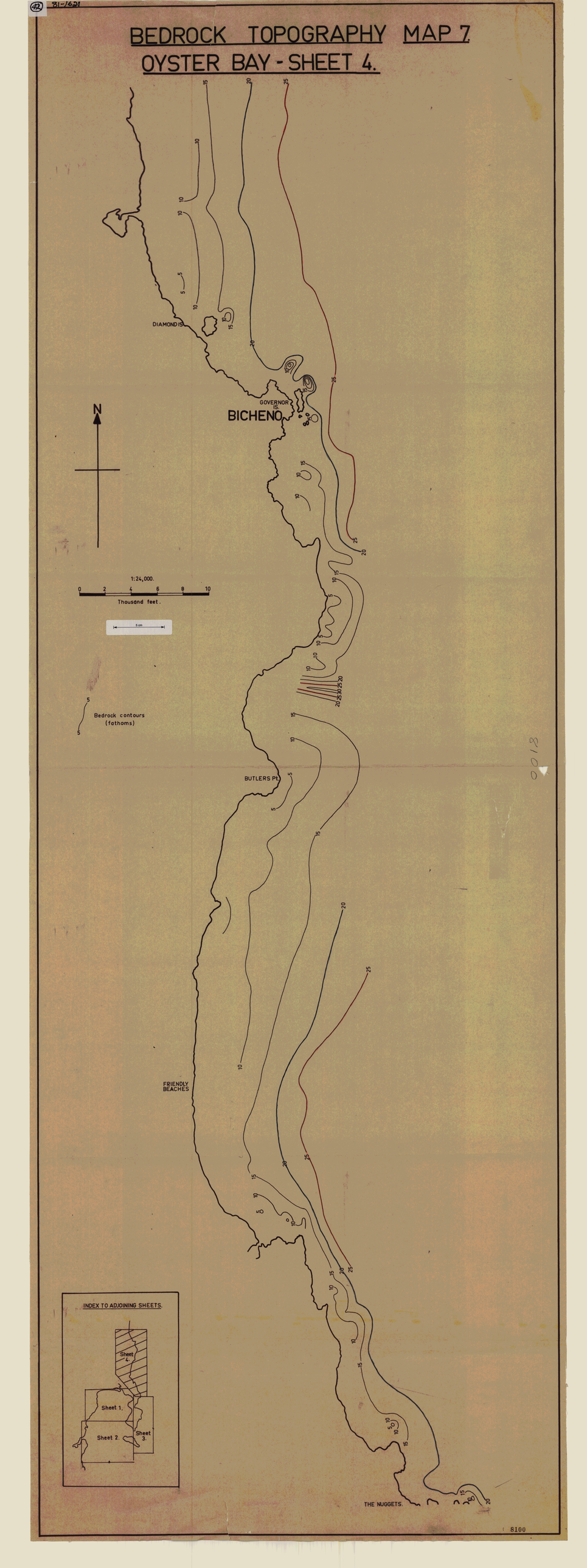
INDEX TO ADJOINING SHEETS.




8055

(42) 31-1621

# BEDROCK TOPOGRAPHY MAP 7.
## OYSTER BAY - SHEET 4.




8018

8100

OCEAN MINING A.G. (TASMANIA) JUNE 1966

# SEDIMENT DISTRIBUTION and THICKNESS

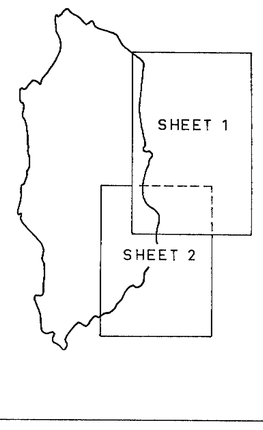
(upper layer)

# KING ISLAND

## SHEET 1

N

INDEX TO ADJOINING SHEETS




Thousand feet
0 2 4 6 8 10

5 cm

Datum sea floor

Bedrock

Sediment isopachs (fathoms)

Raydist beacon stations

Lavinia Pt

Cowper Pt

Fraser Bluff

81-1621

43

OCEAN MINING A.G.

# SEDIMENT DISTRIBUTION AND THICKNESS 1A 1A

(UPPER LAYER)

SHEET 1A

5 cm




81-1621

OCEAN MINING A.G. (TASMANIA) JUNE 1966

# SEDIMENT DISTRIBUTION and THICKNESS

## (upper & lower layers)

## KING ISLAND

## SHEET 1

Lavinia Pt.

Cowper Pt.

Fraser Bluff

N

Thousand feet

0 2 4 6 8 10

5 cm

INDEX TO ADJOINING SHEETS

SHEET 1

SHEET 2

Datum sea floor

Bedrock

5 Sediment isopachs (fathoms)

Raydist beacon stations

81-1621

8116

1.4 1A

OCEAN MINING AG

# SEDIMENT DISTRIBUTION AND THICKNESS

(UPPER AND LOWER LAYER)

0 2 4

MILES

5 cm

SHEET 1A




81-1621

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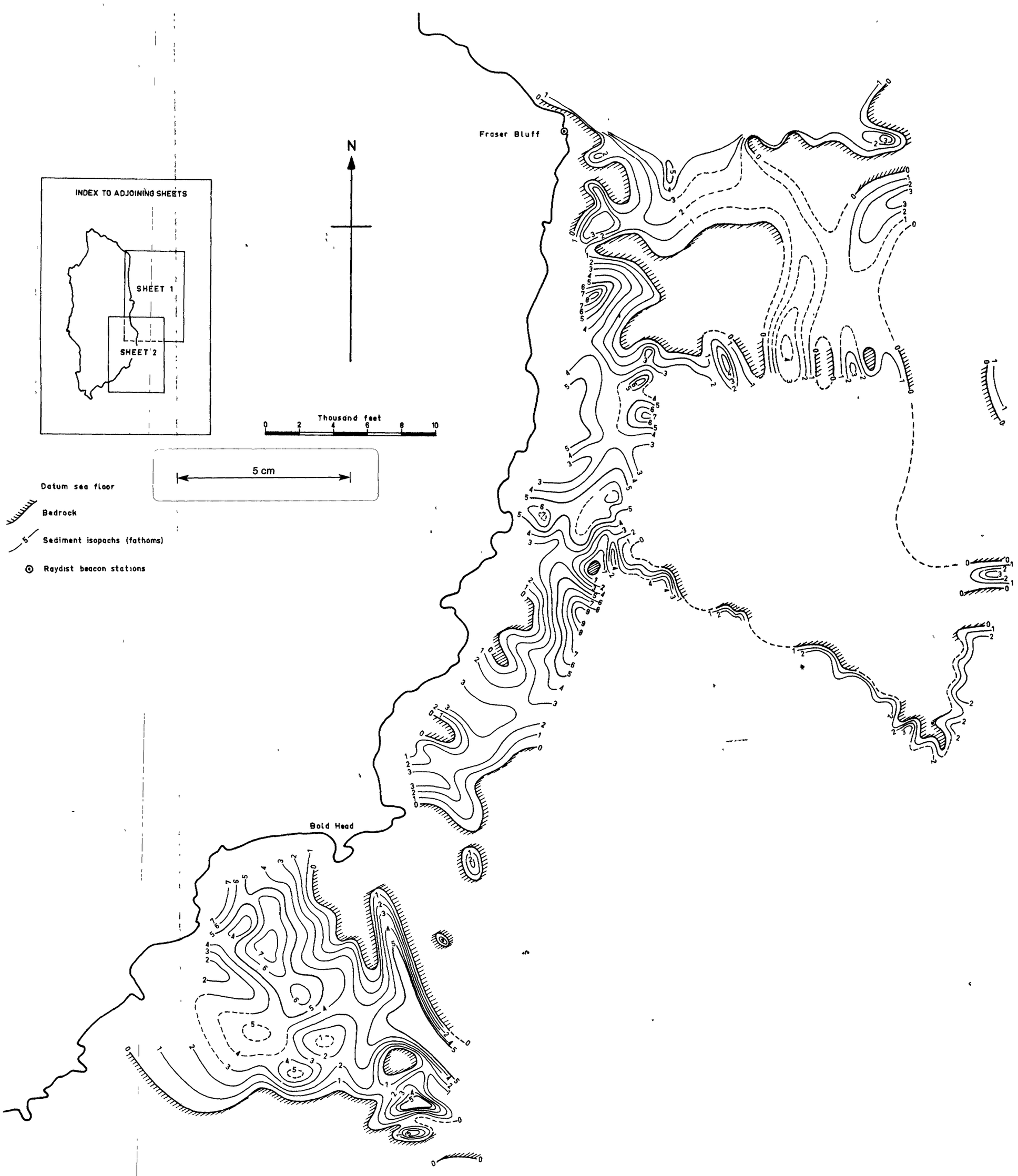
OCEAN MINING A G. (TASMANIA) JUNE 1966

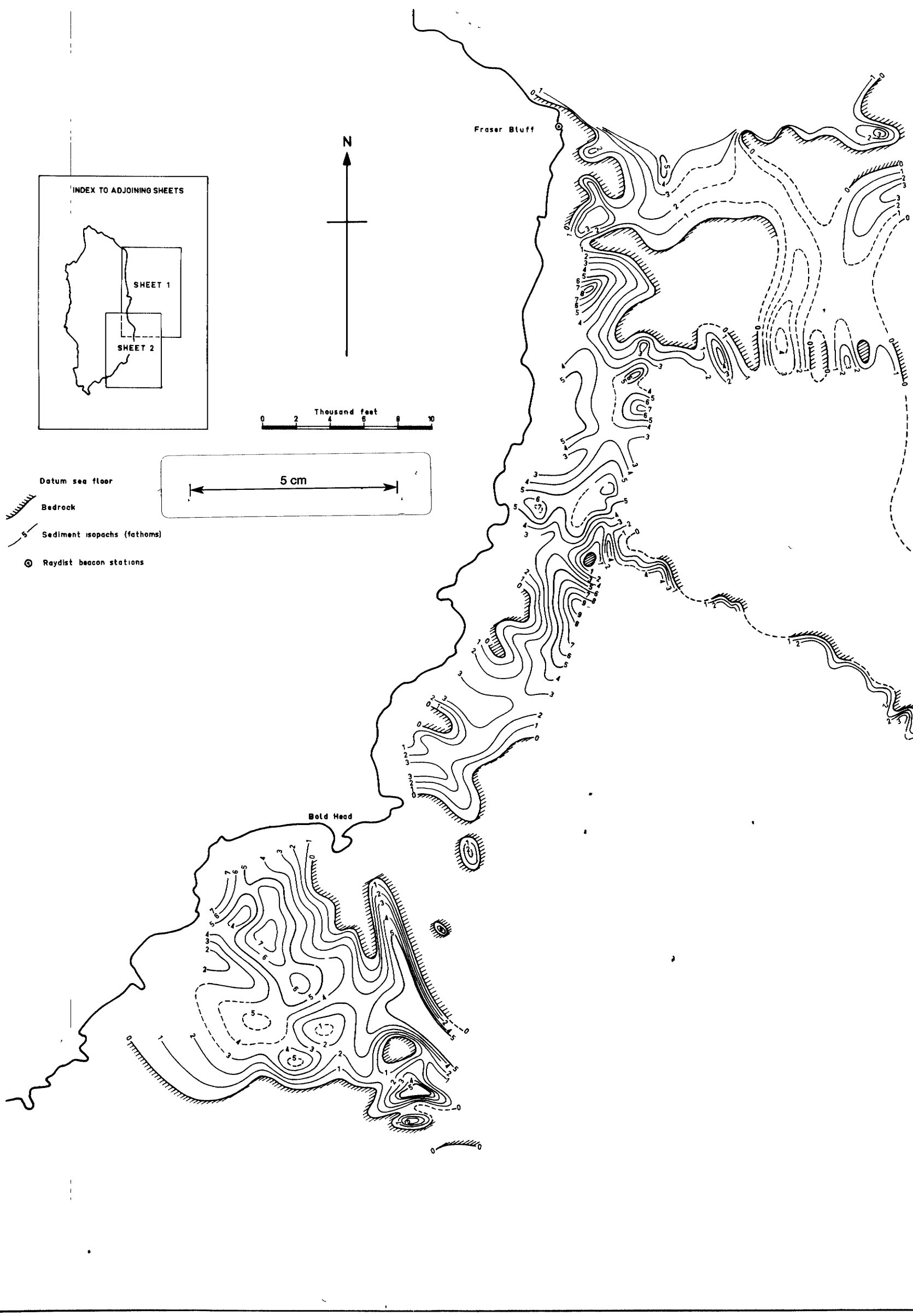
# SEDIMENT DISTRIBUTION and THICKNESS
# KING ISLAND
# SHEET 2



(47) 81- 1621

OCEAN MINING A G (TASMANIA) JUNE 1966

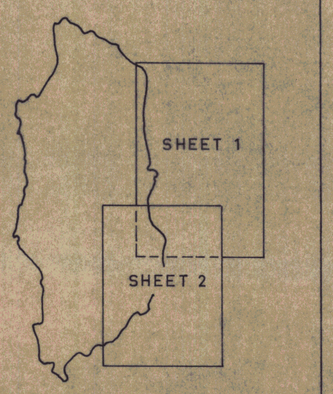
# SEDIMENT DISTRIBUTION and THICKNESS
# KING ISLAND
# SHEET 2



OCEAN MINING A.G. (TASMANIA) JUNE 1966

# SEDIMENT DISTRIBUTION and THICKNESS
# KING ISLAND
# SHEET 2

INDEX TO ADJOINING SHEETS




N

5 cm

Thousand feet
0 2 4 6 8 10

Datum sea floor

Bedrock

5 Sediment isopachs (fathoms)

Raydist beacon stations

Fraser Bluff

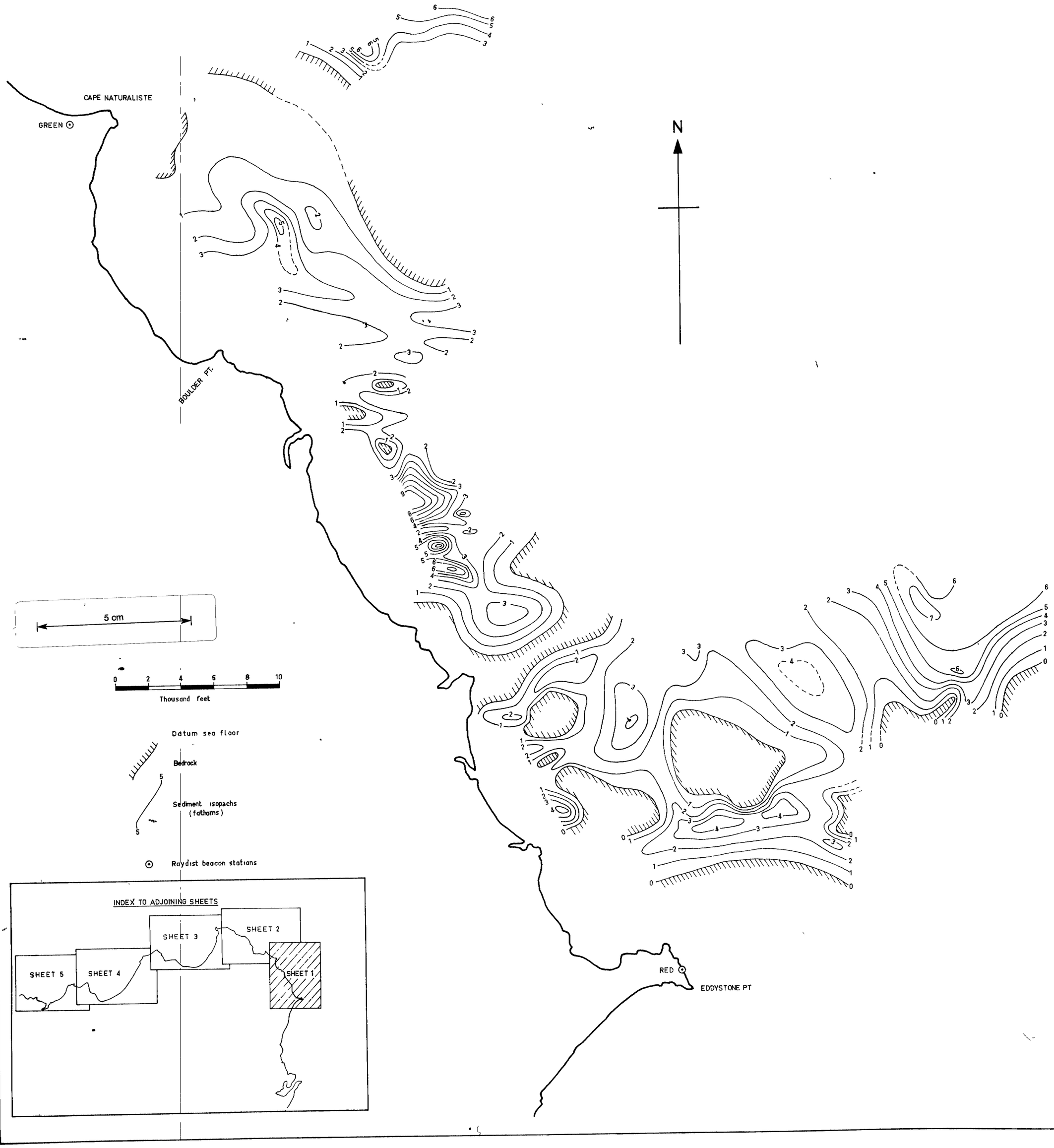
Bold Head

(0) 81-1621

(51) 81-1621

OCEAN MINING A G (TASMANIA) MAY 1966

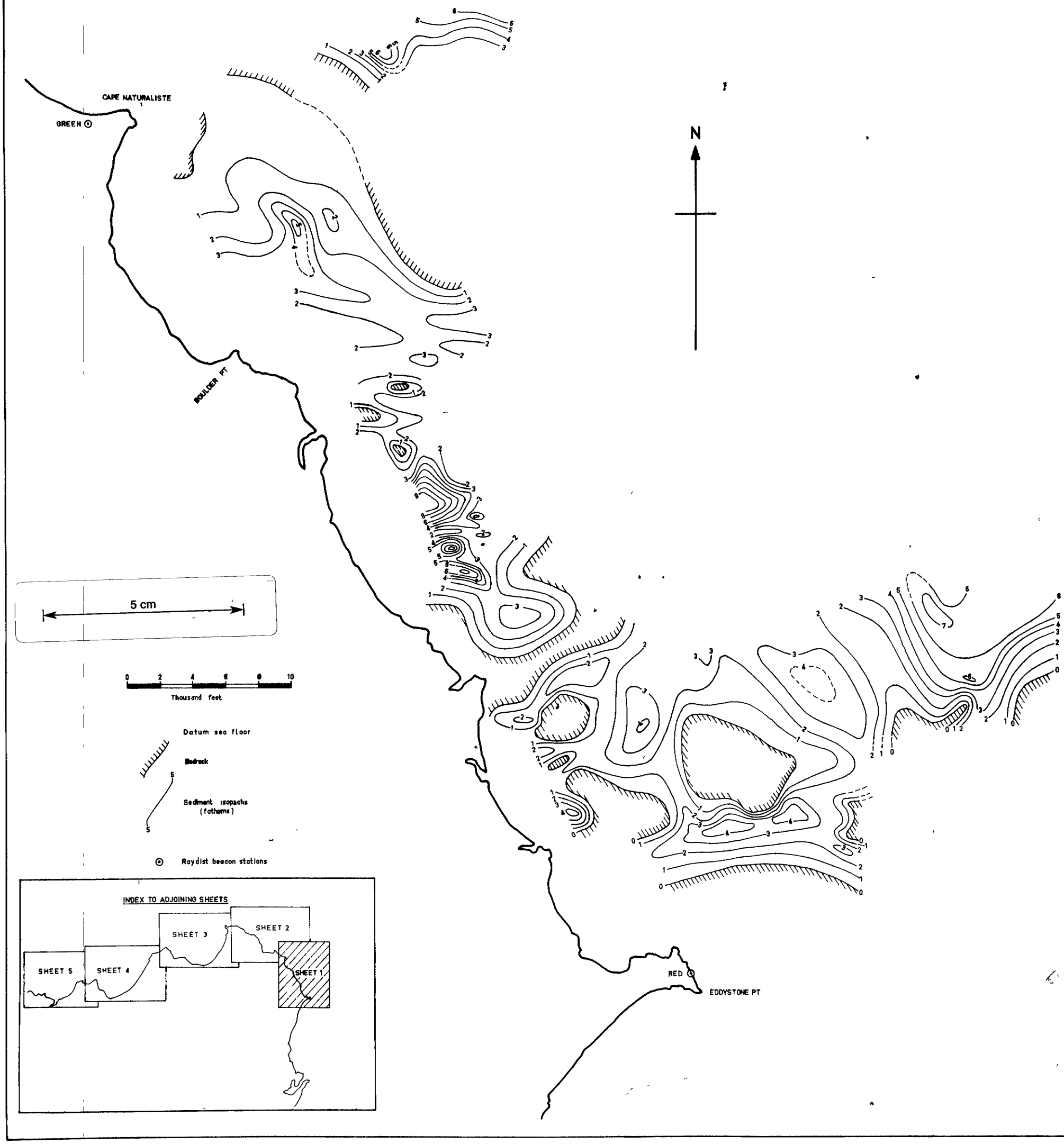
# SEDIMENT DISTRIBUTION and THICKNESS
# NORTH EAST COAST TASMANIA
# SHEET 1



(50) 81-1621

OCEAN MINING A G (TASMANIA) MAY 1966

# SEDIMENT DISTRIBUTION and THICKNESS
# NORTH EAST COAST TASMANIA
# SHEET 1




8087

OCEAN MINING A G (TASMANIA) MAY 1966

# SEDIMENT DISTRIBUTION and THICKNESS
# NORTH EAST COAST TASMANIA
# SHEET. 2.

N

SWAN ISLAND

Vinegar Hill

Tree Point

Little Mussel Roe River

Mussel Roe River

Cape Naturaliste

INDEX TO ADJOINING SHEETS

SHEET 5 SHEET 4 SHEET 3 SHEET 2 SHEET 1

Bedrock

Sediment isopachs (fathoms)

Raydist beacon stations

Datum sea floor

0 2 4 6 8 10
Thousand feet

5 cm

(53) 81-1621

OCEAN MINING A.G. (TASMANIA) MAY 1966

# SEDIMENT DISTRIBUTION and THICKNESS
# NORTH EAST COAST TASMANIA
# SHEET 1

CAPE NATURALISTE

GREEN

BOULDER PT.

RED

EDDYSTONE PT.

N

5 cm

0 2 4 6 8 10

Thousand feet

Datum sea floor

Bedrock

5

5

Sediment isopachs
(fathoms)

Raydist beacon stations

INDEX TO ADJOINING SHEETS

SHEET 1.

SHEET 2

SHEET 3

SHEET 4

SHEET 5

8-1621

(52)

81-1621

OCEAN MINING A G (TASMANIA) MAY 1966

# SEDIMENT DISTRIBUTION and THICKNESS
# NORTH EAST COAST TASMANIA
# SHEET. 2.

N

SWAN ISLAND

Vinegar Hill

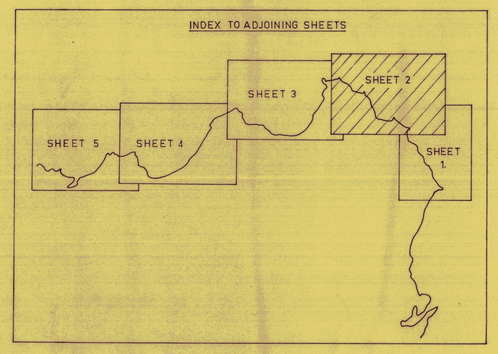
Tree Point

Little Mussel Roe River

Mussel Roe River

Cape Naturaliste

INDEX TO ADJOINING SHEETS




Bedrock

Sediment isopachs (fathoms)

Raydist beacon stations

Datum sea floor

0 2 4 6 8 10
Thousand feet

5 cm

8090

OCEAN MINING A G (TASMANIA) MAY 1966

# SEDIMENT DISTRIBUTION and THICKNESS
# NORTH EAST COAST TASMANIA
# SHEET 3

5 cm

N

Cape Portland

Vinegar Hill

Waterhouse Pt

Tomahawk Pt

Ringarooma Bay

Bedrock

Sediment isopachs (fathoms)

Raydist beacon stations

Datum sea floor

Thousand feet
0 2 4 6 8 10

INDEX TO ADJOINING SHEETS

SHEET 5 SHEET 4 SHEET 3 SHEET 2 SHEET 1

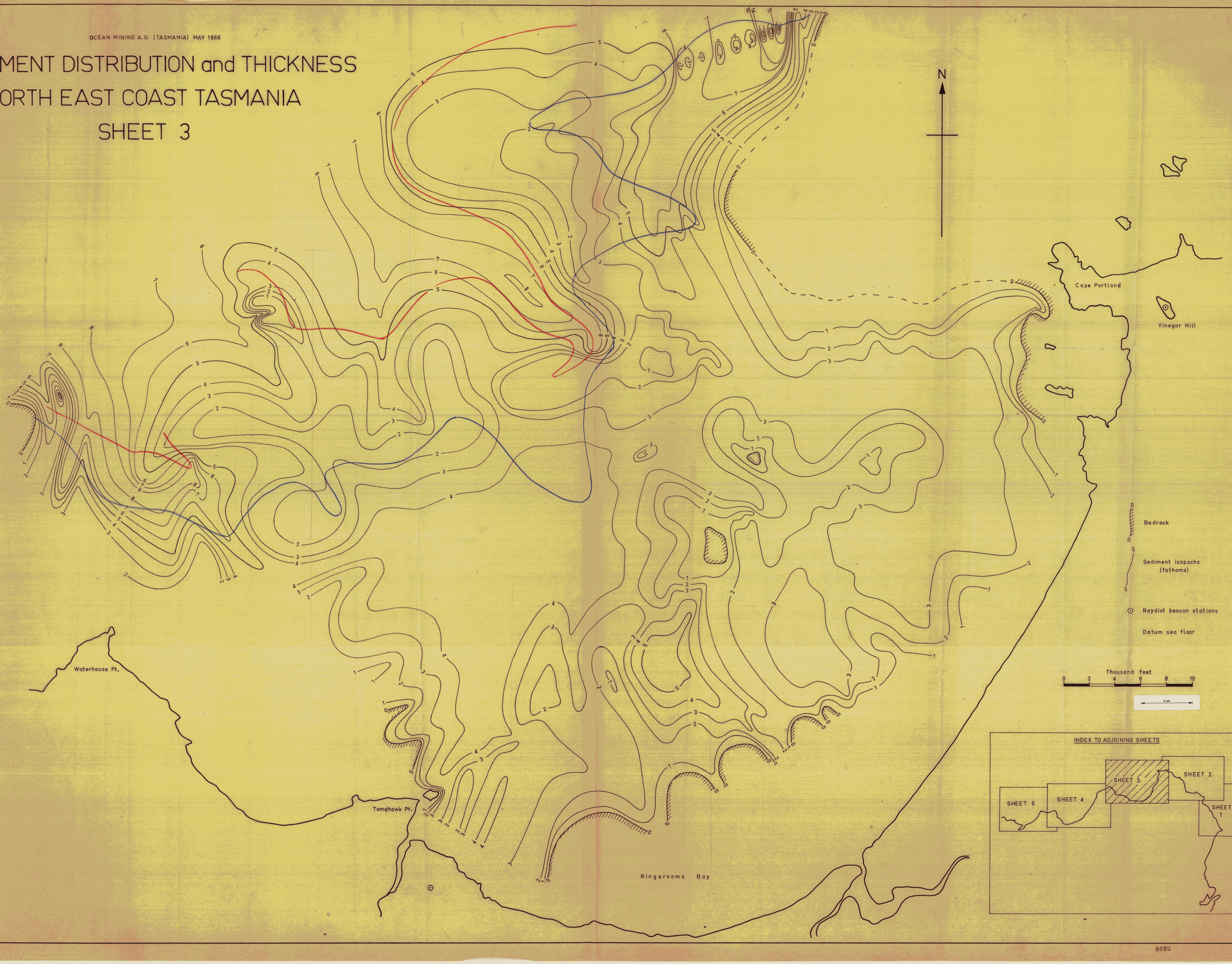
81-1621

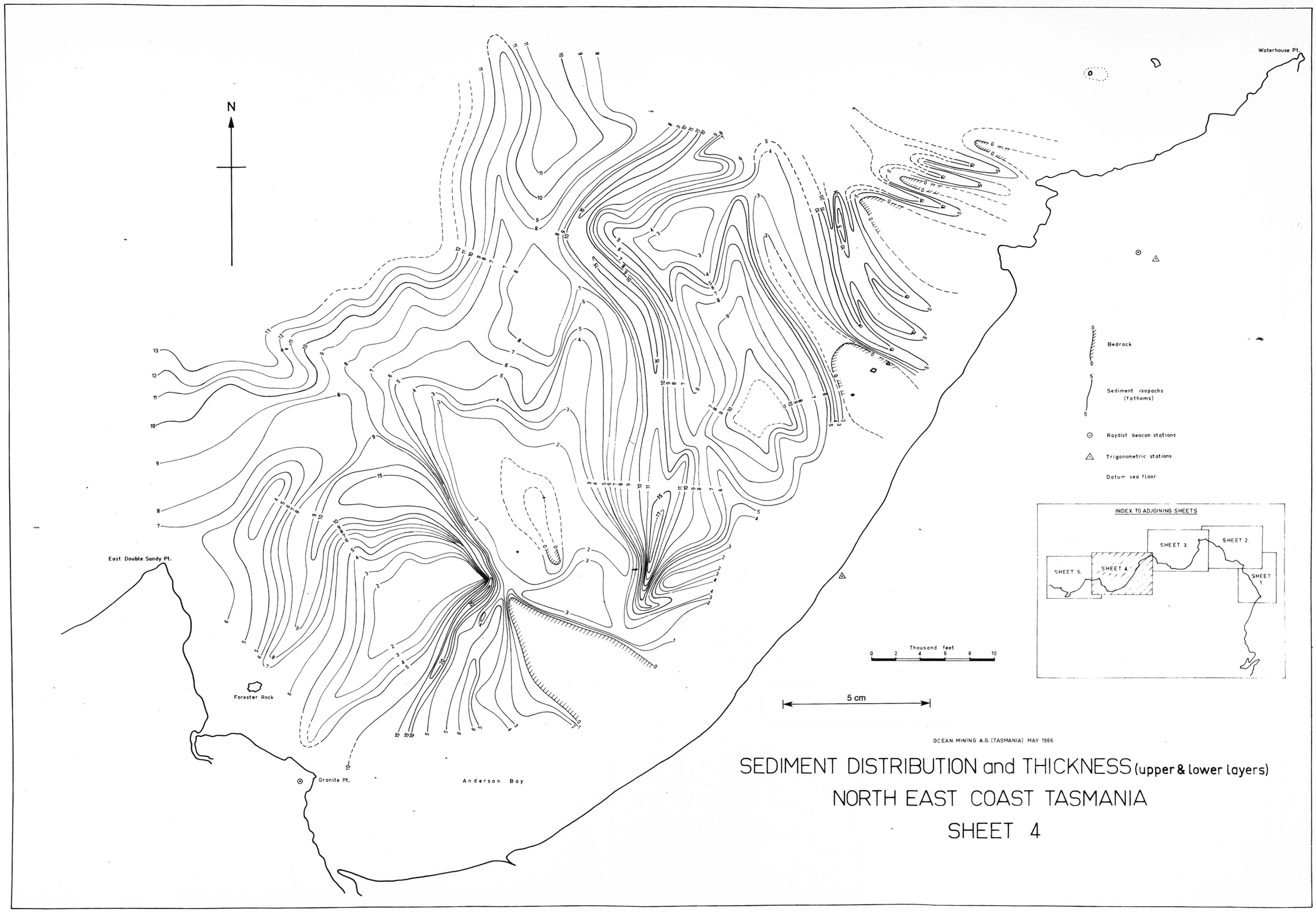
55

81-16.21

OCEAN MINING A.G. (TASMANIA) MAY 1966

# SEDIMENT DISTRIBUTION and THICKNESS
# NORTH EAST COAST TASMANIA
# SHEET 3






OCEAN MINING A.G. (TASMANIA) MAY 1966

# SEDIMENT DISTRIBUTION and THICKNESS (upper & lower layers)
# NORTH EAST COAST TASMANIA
# SHEET 4

81-1621
57

81-1621

N

Waterhouse Pt.

East Double Sandy Pt.

Forester Rock

Granite Pt.

Anderson Bay

Bedrock

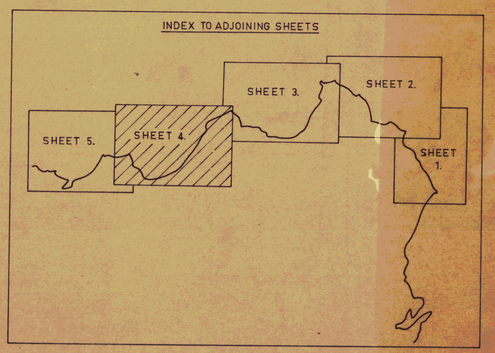
Sediment isopachs (fathoms)

Raydist beacon stations

Trigonometric stations

Datum sea floor

INDEX TO ADJOINING SHEETS




Thousand feet
0 2 4 6 8 10

5 cm

OCEAN MINING A.G. (TASMANIA) MAY 1966

# SEDIMENT DISTRIBUTION and THICKNESS (upper & lower layers)
# NORTH EAST COAST TASMANIA
# SHEET 4

AMG 536100E
5480700N

Waterhouse Pt.

N

AMG 528900E
5467700N

East Double Sandy Pt.

Forester Rock

Granite Pt.

Anderson Bay

Bedrock

Sediment isopachs (fathoms)

Raydist beacon stations

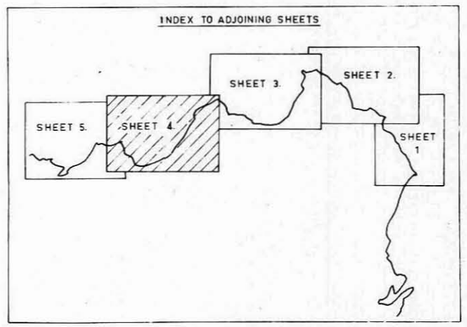
Trigonometric stations

Datum sea floor

Thousand feet
0 2 4 6 8 10

5 cm

INDEX TO ADJOINING SHEETS




OCEAN MINING A.G. (TASMANIA) MAY 1966

# SEDIMENT DISTRIBUTION and THICKNESS (upper layer)
# NORTH EAST COAST TASMANIA
# SHEET 4

AMG REFERENCE POINTS ADDED

81-1621

(5)

81-1621

N

Waterhouse Pt

East Double Sandy Pt

Forester Rock

Granite Pt

Anderson Bay

Bedrock

Sediment isopachs (fathoms)

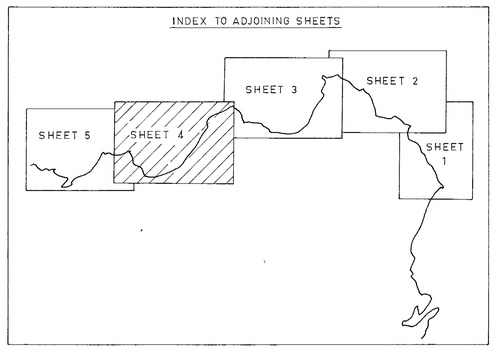
Raydist beacon stations

Trigonometric stations

Datum sea floor

Thousand feet
0 2 4 6 8 10

INDEX TO ADJOINING SHEETS




OCEAN MINING A G (TASMANIA) MAY 1966

# SEDIMENT DISTRIBUTION and THICKNESS (upper layer)
# NORTH EAST COAST TASMANIA
# SHEET 4

5cm

OCEAN MINING AG

# SEDIMENT DISTRIBUTION AND THICKNESS

## N.E. TASMANIA

0 2 4

SHEET 4A

5 cm



81-1621

61

4B 4E

OCEAN MINING AG

# SEDIMENT DISTRIBUTION & THICKNESS

## N.E. COAST TASMANIA

0 2 4

MILES

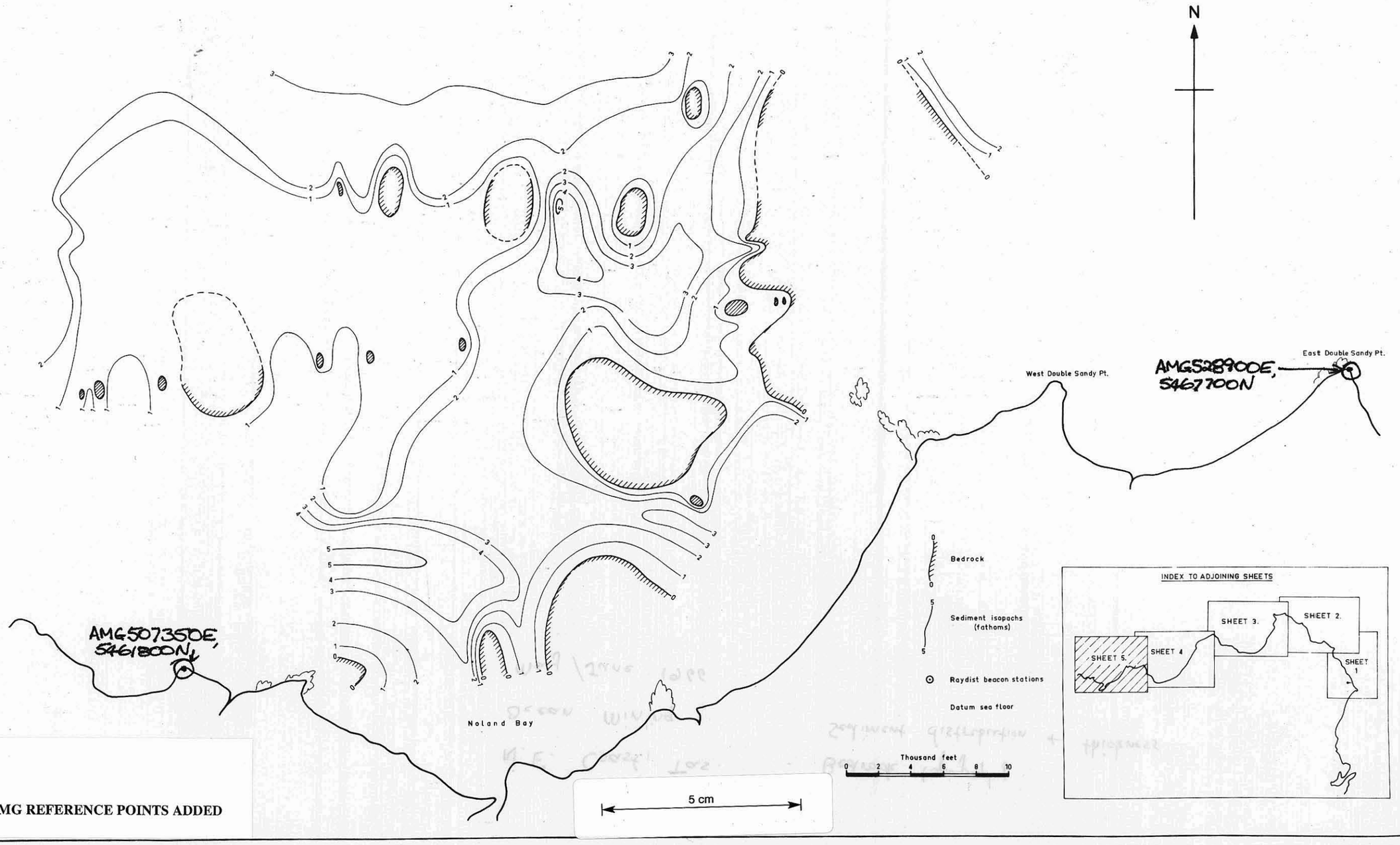
SHEET 4-8

5 cm

81-1621

OCEAN MINING A.G. (TASMANIA) MAY 1966

# SEDIMENT DISTRIBUTION and THICKNESS (upper layer)
# NORTH EAST COAST TASMANIA
# SHEET 5



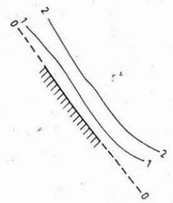

AMG REFERENCE POINTS ADDED

81-1621
G3

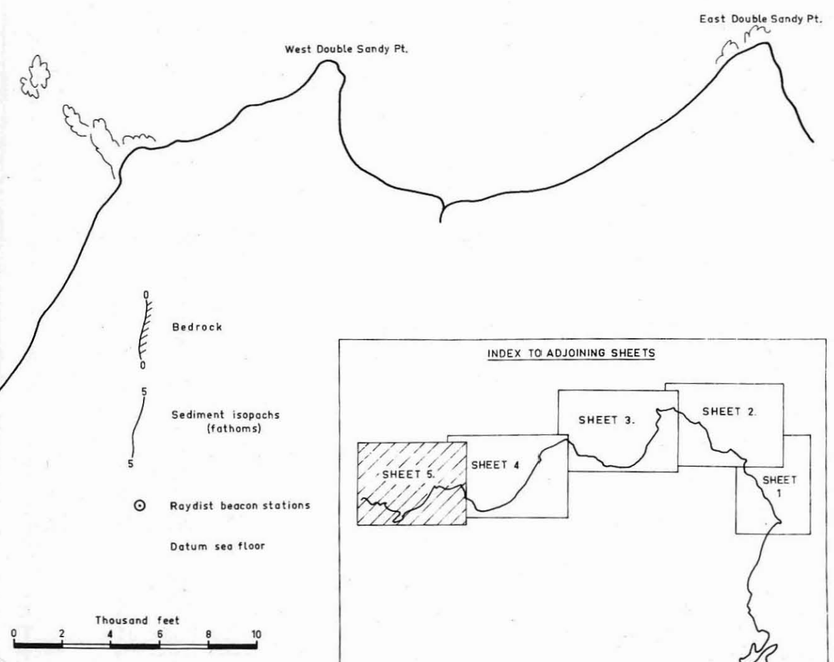
OCEAN MINING A.G. (TASMANIA) MAY 1966

# SEDIMENT DISTRIBUTION and THICKNESS (upper layer)
# NORTH EAST COAST TASMANIA
# SHEET 5









5 cm

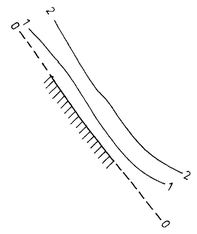
81-1621
(64)

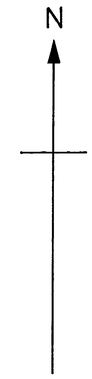
(68) 81-1621

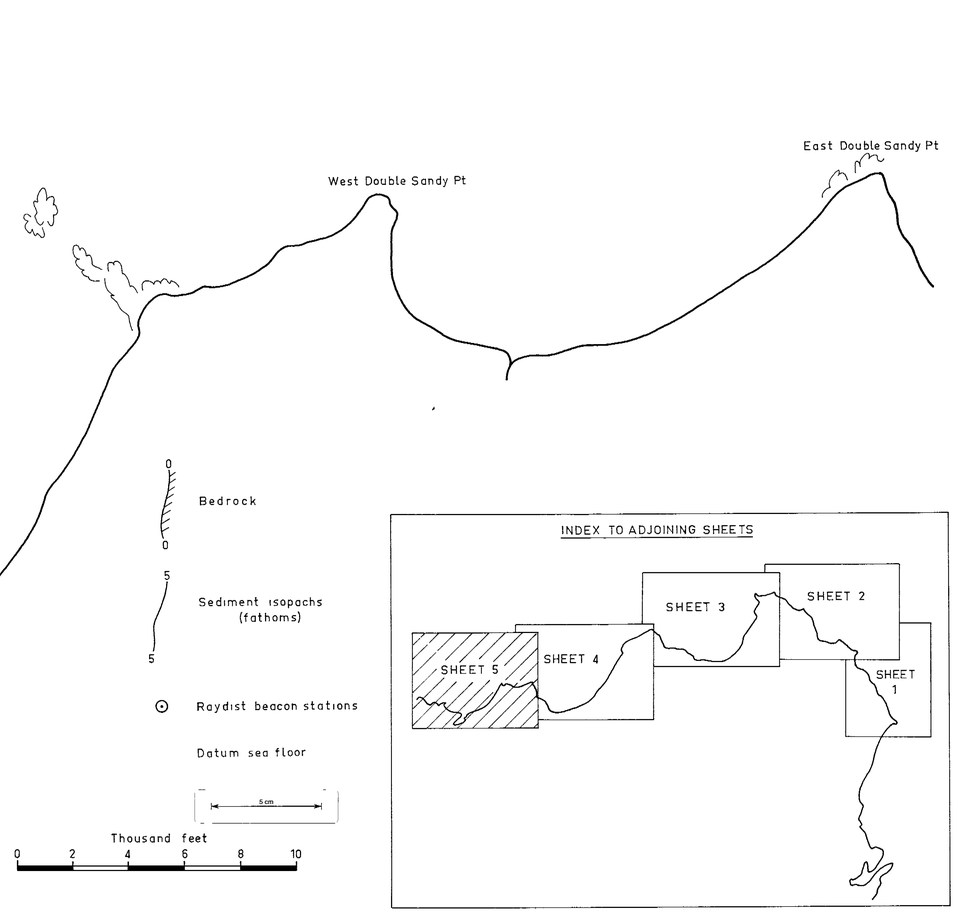
OCEAN MINING A G (TASMANIA) MAY 1966

# SEDIMENT DISTRIBUTION and THICKNESS (upper layer)
# NORTH EAST COAST TASMANIA
# SHEET 5






Bedrock

Sediment isopachs (fathoms)

Raydist beacon stations

Datum sea floor

5cm

Thousand feet

0 2 4 6 8 10

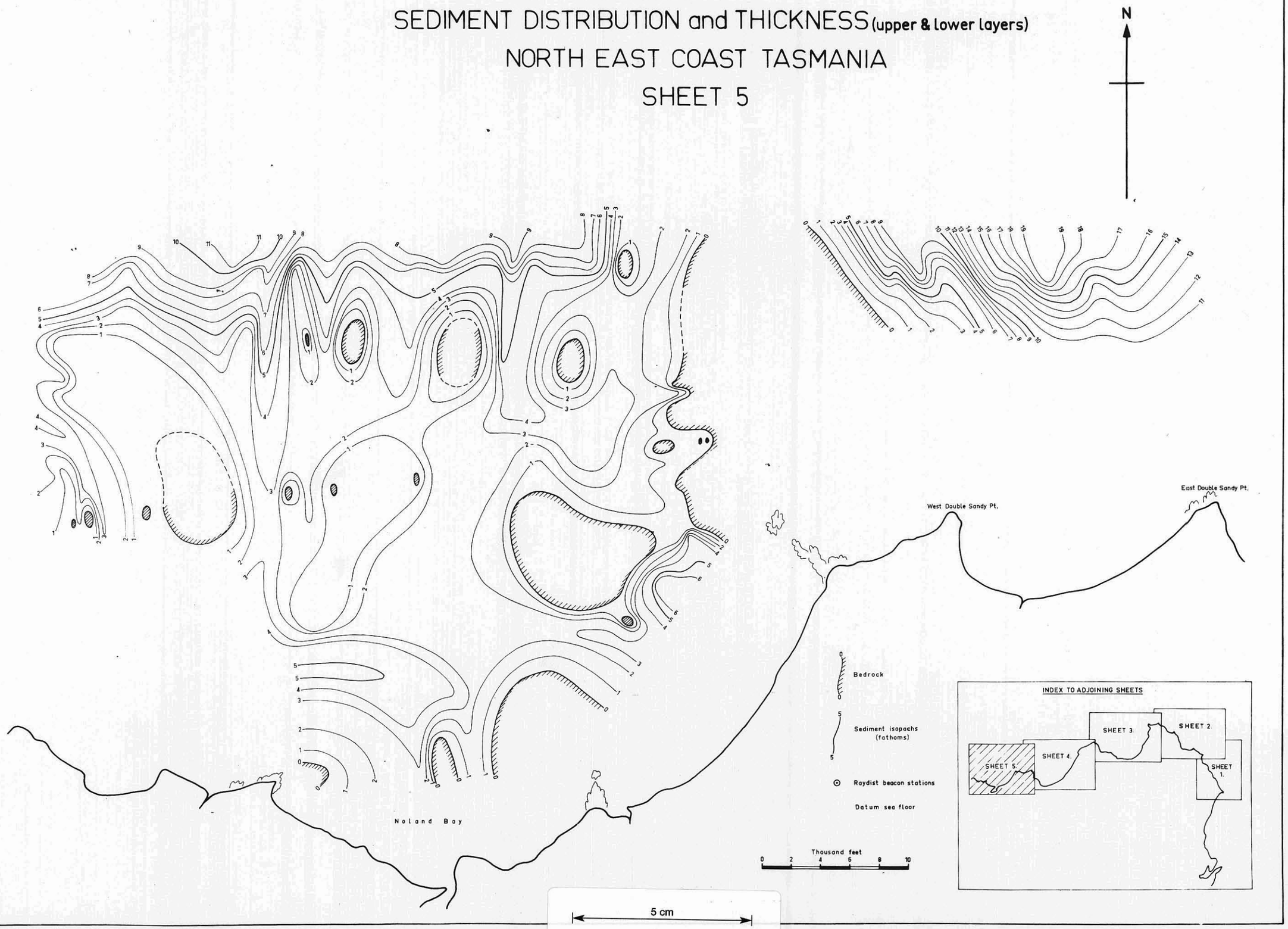
INDEX TO ADJOINING SHEETS




8097

OCEAN MINING A.G. (TASMANIA) MAY 1966

# SEDIMENT DISTRIBUTION and THICKNESS (upper & lower layers)
# NORTH EAST COAST TASMANIA
# SHEET 5




5 cm

81-1621

66

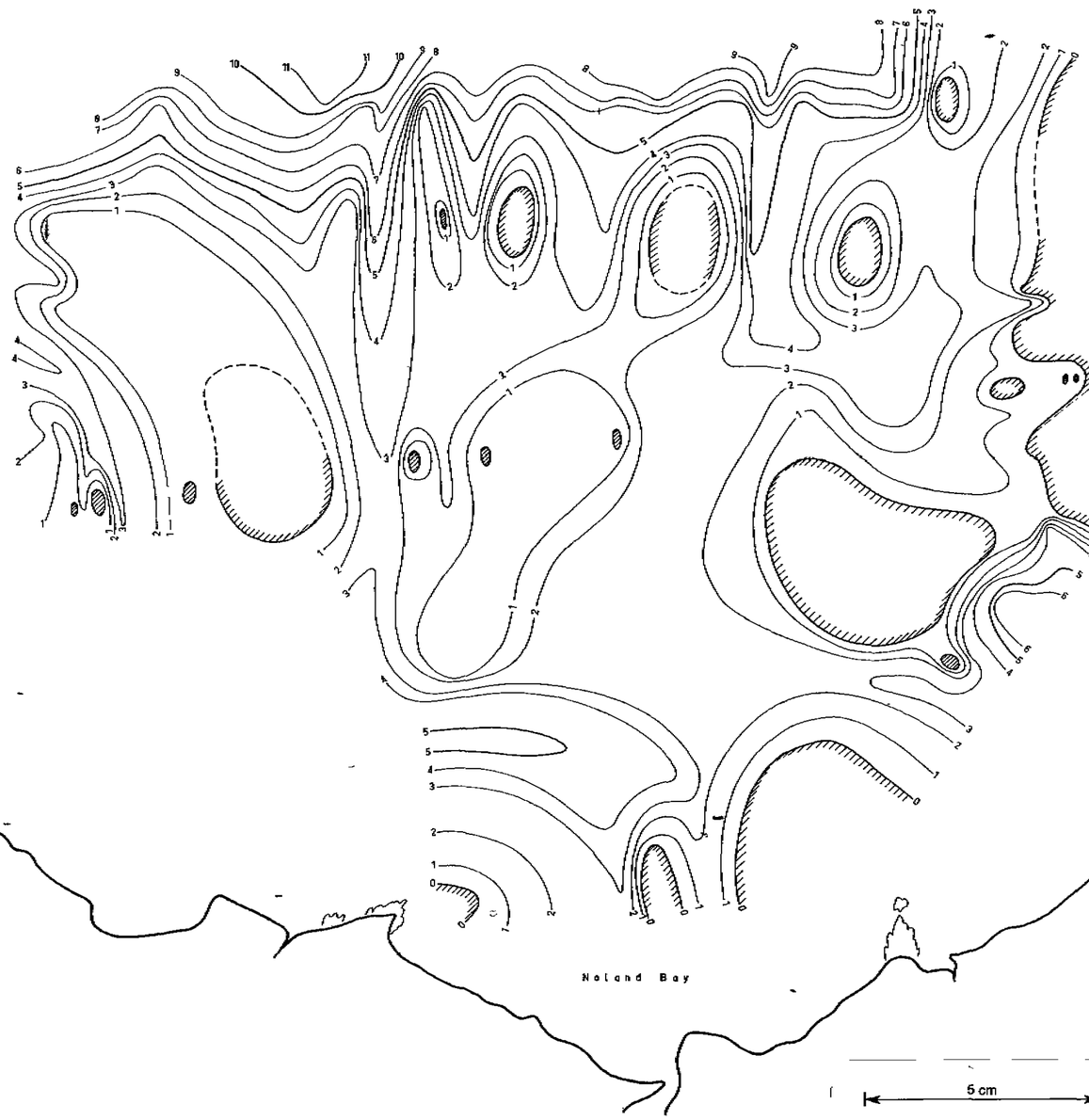
OCEAN MINING A.G. (TASMANIA) MAY 1966

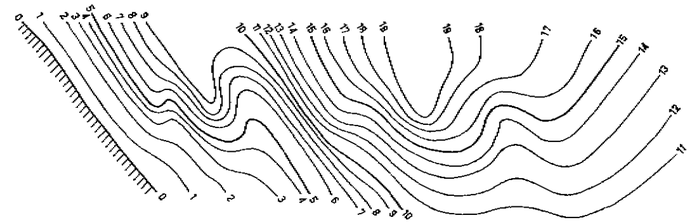
# SEDIMENT DISTRIBUTION and THICKNESS (upper & lower layers)

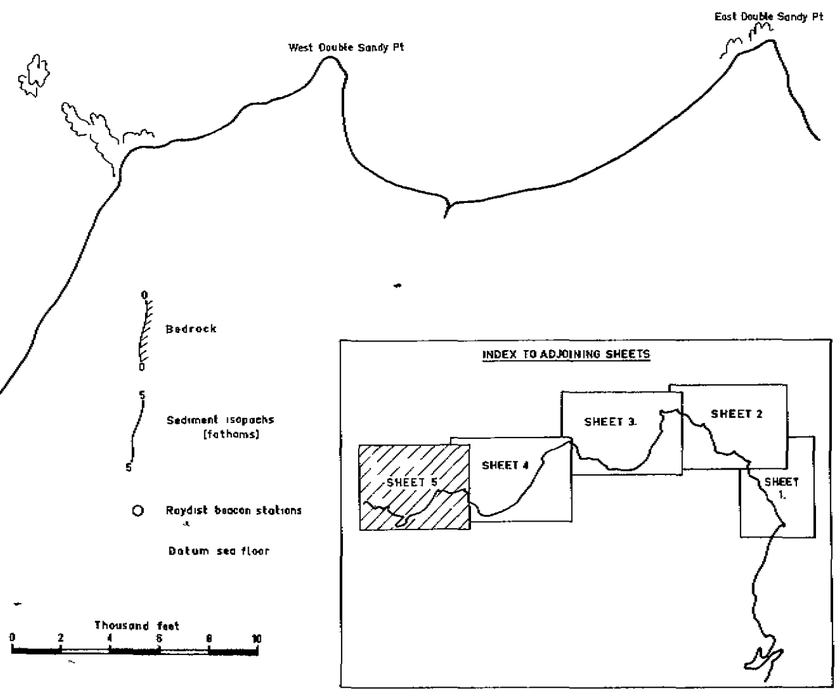
## NORTH EAST COAST TASMANIA

## SHEET 5

N






5 cm

81-1621

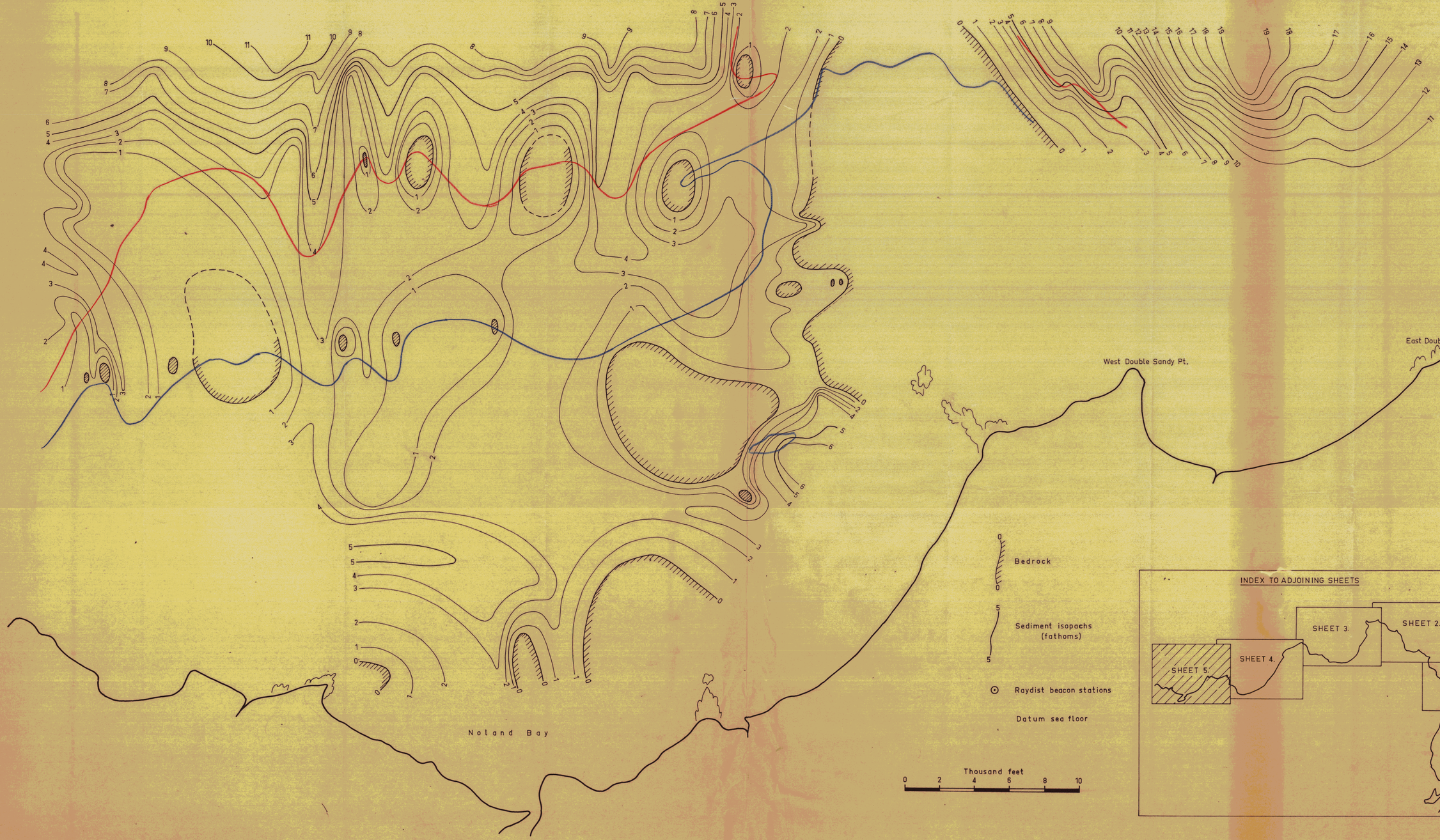
67

(68) 81-1621

OCEAN MINING A.G. (TASMANIA) MAY 1966

# SEDIMENT DISTRIBUTION and THICKNESS (upper & lower layers)
# NORTH EAST COAST TASMANIA
# SHEET 5

N




Bedrock

Sediment isopachs (fathoms)

Raydist beacon stations

Datum sea floor

Thousand feet
0 2 4 6 8 10

INDEX TO ADJOINING SHEETS




8098

(69) 81-1621

OCEAN MINING A.G. (TASMANIA) JUNE 1966

# SEDIMENT DISTRIBUTION and THICKNESS

(upper & lower layers)

## FLINDERS ISLAND

## SHEET 1

Prime Seal Island

Chalky Island

Arthur Bay

Blue Rocks Pt.

WHITEMARK

Parrys Bay

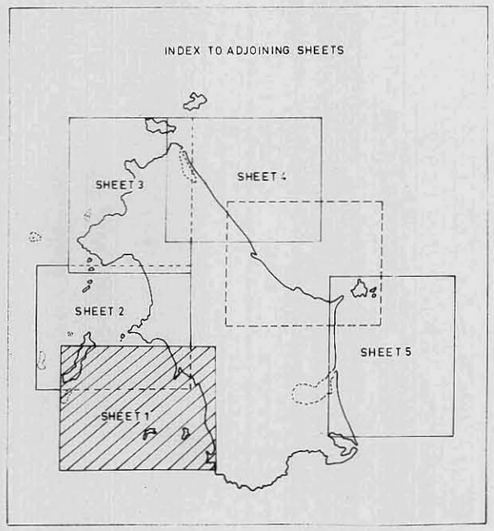
East Kangaroo Island

Big Green Is.

Trousers Pt.

N

INDEX TO ADJOINING SHEETS




Bedrock

Sediment isopachs (fathoms)

Thousand feet

0 2 4 6 8 10

5 cm

8059

OCEAN MINING A G (TASMANIA) JUNE 1966

# SEDIMENT DISTRIBUTION and THICKNESS

(upper & lower layers)

# FLINDERS ISLAND

# SHEET 1

Prime Seal Island

Arthur Bay

Blue Rocks Pt

Chalky Island

WHITEMARK

Parrys Bay

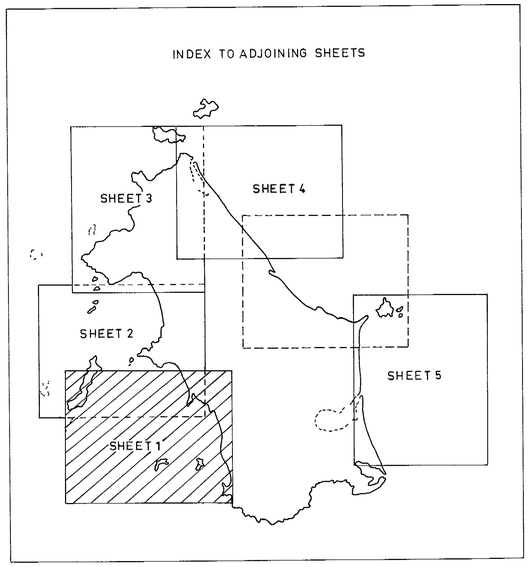
East Kangaroo Island

Big Green Is

Trousers Pt

N

INDEX TO ADJOINING SHEETS




Bedrock

Sediment isopachs (fathoms)

5 cm

Thousand feet

0 2 4 6 8 10

81-621

70

81-1621

OCEAN MINING A.G. (TASMANIA) JUNE 1966

# SEDIMENT DISTRIBUTION and THICKNESS

(upper & lower layers)

## FLINDERS ISLAND

## SHEET 2

N

Nth Pasco Is.

Middle Pasco Is.

Sth Pasco Is.

Marshall Bay

Settlement Pt.

Swires Patch

Prime Seal Island

Arthur Bay

Chalky Island

Blue Rocks Pt.

5 cm

INDEX TO ADJOINING SHEETS

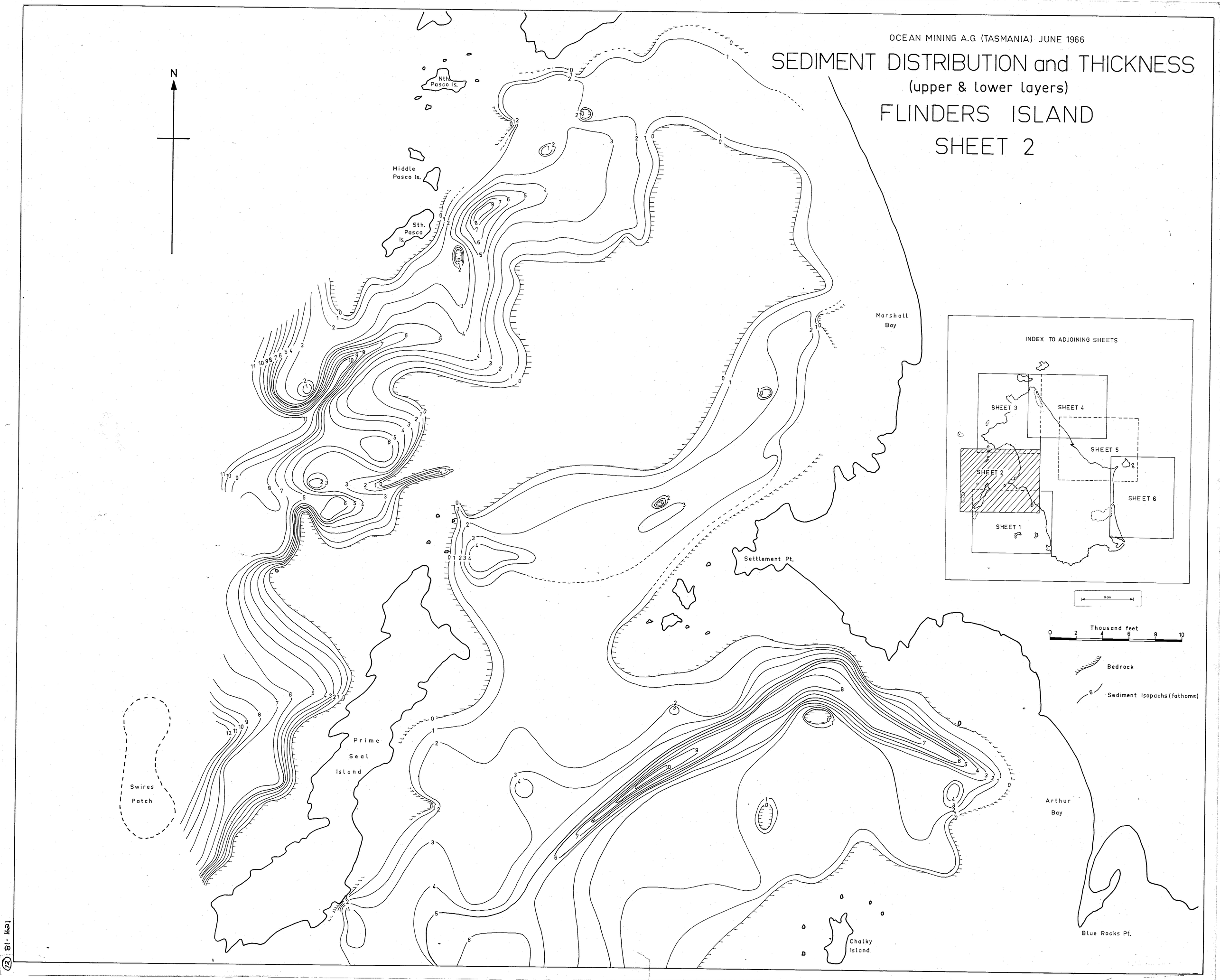
SHEET 3 SHEET 4 SHEET 5 SHEET 2 SHEET 6 SHEET 1

Thousand feet 0 2 4 6 8 10

Bedrock

Sediment isopachs (fathoms)

8062


OCEAN MINING A.G. (TASMANIA) JUNE 1966
SEDIMENT DISTRIBUTION and THICKNESS
(upper & lower layers)
FLINDERS ISLAND
SHEET 2
N
Nth. Pasco Is.
Middle Pasco Is.
Sth. Pasco Is.
Marshall Bay
Settlement Pt.
Prime Seal Island
Swires Patch
Arthur Bay
Chalky Island
Blue Rocks Pt.
INDEX TO ADJOINING SHEETS
SHEET 1
SHEET 2
SHEET 3
SHEET 4
SHEET 5
SHEET 6
Thousand feet
0 2 4 6 8 10
Bedrock
Sediment isopachs (fathoms)

SHEET 2B

OCEAN MINING AG

# SEDIMENT DISTRIBUTION & THICKNESS

(UPPER & LOWER LAYERS)

0 2 4

MILES

5 cm

FLINDERS ISLAND

1100 1090 1080 1070 1060 1050 1040

540 550 560 570 580 590 600 610 620 630

81-1621

(73)

2B

2B

OCEAN MINING A.G.

# SEDIMENT DISTRIBUTION and THICKNESS

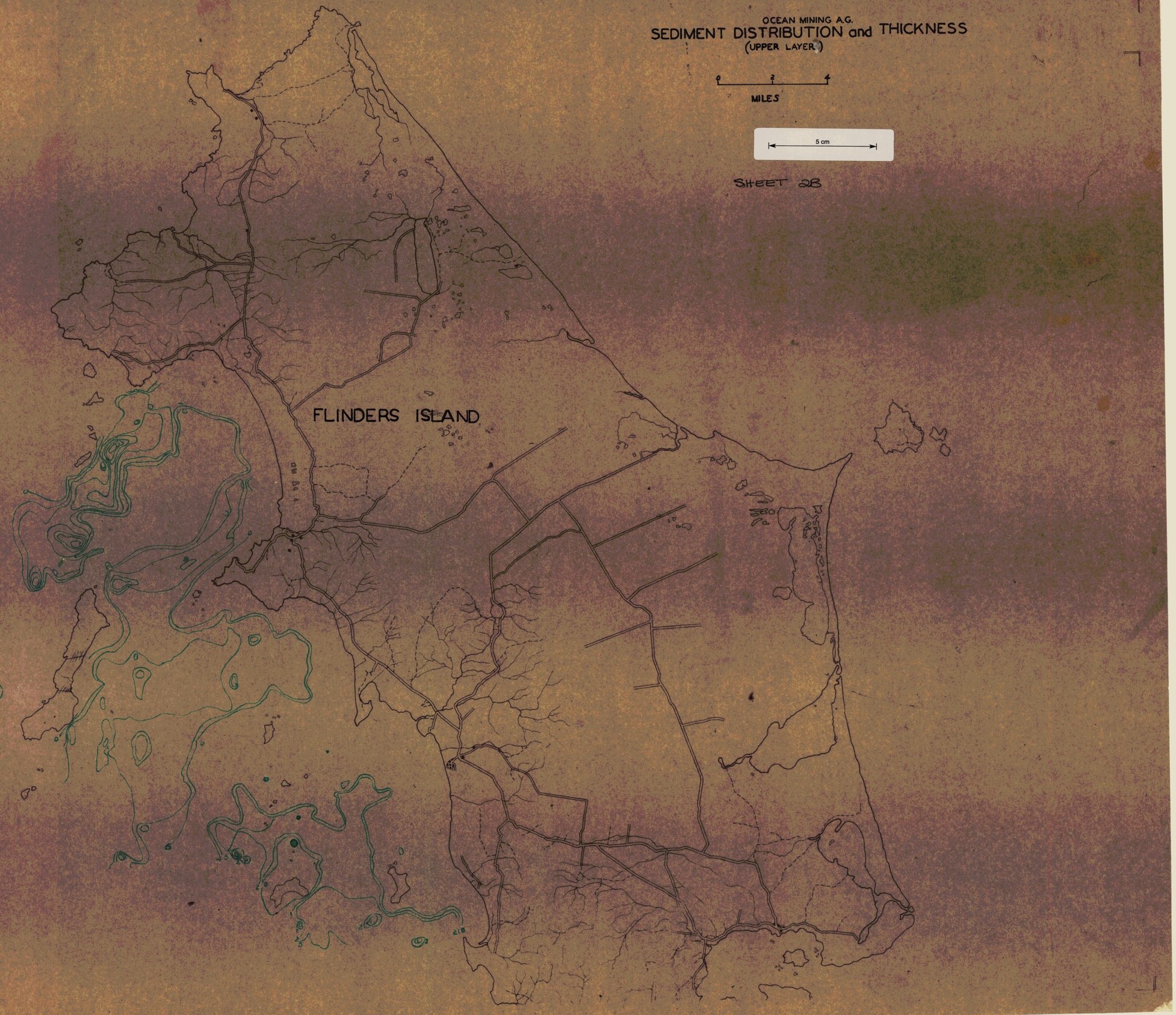
(UPPER LAYER)

0 2 4

MILES

5 cm

SHEET 2B




81-1621

(74)

(75) 81-1621

AMG 564250E
5565100N

Prime Seal Island

Chalky Island

Arthur Bay

Blue Rocks Pt.

N

WHITEMARK

Parrys Bay

East Kangaroo Island

Big Green Is.

AMG 587100E
5548200N

Trousers Pt.

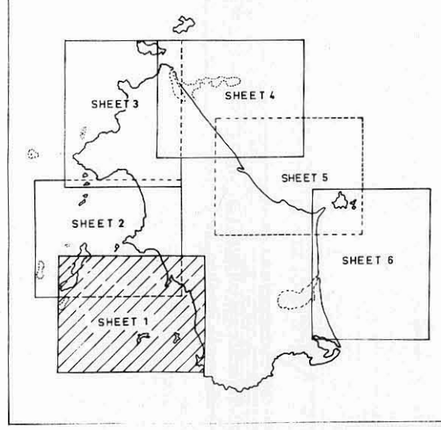
Bedrock

Sediment isopachs (fathoms)

Thousand feet
0 2 4 6 8 10

5 cm

INDEX TO ADJOINING SHEETS




OCEAN MINING A.G. (TASMANIA) JUNE 1966

# SEDIMENT DISTRIBUTION and THICKNESS

(upper layer)

## FLINDERS ISLAND

## SHEET 1

AMG REFERENCE POINTS ADDED

Prime Seal Island

Arthur Bay

Blue Rocks Pt

Chalky Island

WHITEMARK

Parrys Bay

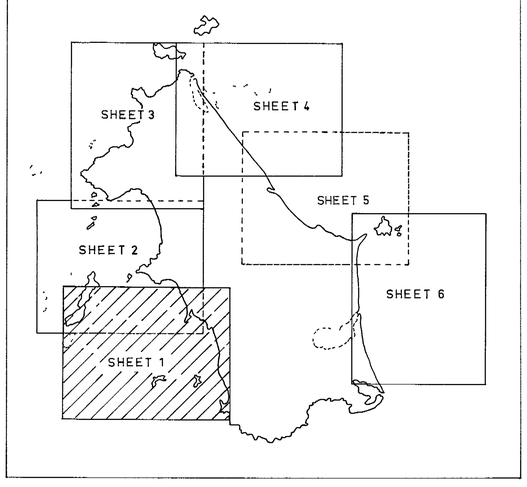
East Kangaroo Island

Big Green Is

Trousers Pt

N

INDEX TO ADJOINING SHEETS




OCEAN MINING A.G. (TASMANIA) JUNE 1966

# SEDIMENT DISTRIBUTION and THICKNESS

(upper layer)

# FLINDERS ISLAND

# SHEET 1

Bedrock

Sediment isopachs (fathoms)

5cm

Thousand feet

0 2 4 6 8 10

81-1621

76

OCEAN MINING A.G. (TASMANIA) JUNE 1966

# SEDIMENT DISTRIBUTION and THICKNESS

(upper layer)

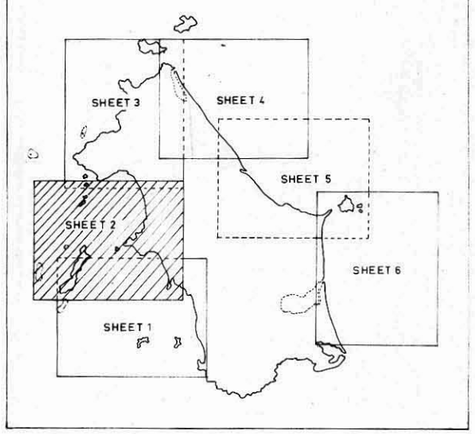
## FLINDERS ISLAND

## SHEET 2

**AMG REFERENCE POINTS ADDED**

5 cm

INDEX TO ADJOINING SHEETS




N

AMG5656000E
5580100N

Nth. Pasco Is.

Middle Pasco Is.

Sth. Pasco Is.

Marshall Bay

Settlement Pt.

Prime Seal Island

Swires Patch

Chalky Island

Arthur Bay

Blue Rocks Pt.

AMG5811000E
5560700N

Thousand feet
0 2 4 6 8 10

Bedrock

6 Sediment isopachs (fathoms)

81-1621

(17)

OCEAN MINING A.G (TASMANIA) JUNE 1966

# SEDIMENT DISTRIBUTION and THICKNESS

(upper layer)

# FLINDERS ISLAND

# SHEET 2

N

Nth Pasco Is

Middle Pasco Is

Sth Pasco Is

Marshall Bay

Settlement Pt

Prime Seal Island

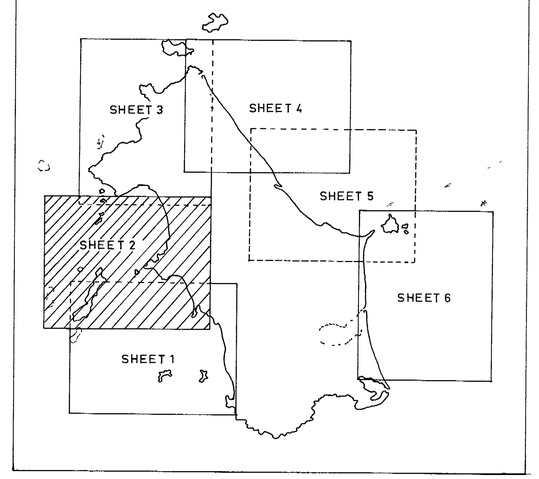
Swires Patch

Arthur Bay

Blue Rocks Pt

Chalky Island

INDEX TO ADJOINING SHEETS




8cm

Thousand feet

0 2 4 6 8 10

Bedrock

6 Sediment isopachs (fathoms)

2B

2B

OCEAN MINING A.G.

# SEDIMENT DISTRIBUTION and THICKNESS

(UPPER LAYER)

0 1 2

MILES

5 cm

SHEET 2B

FLINDERS ISLAND

81-1621

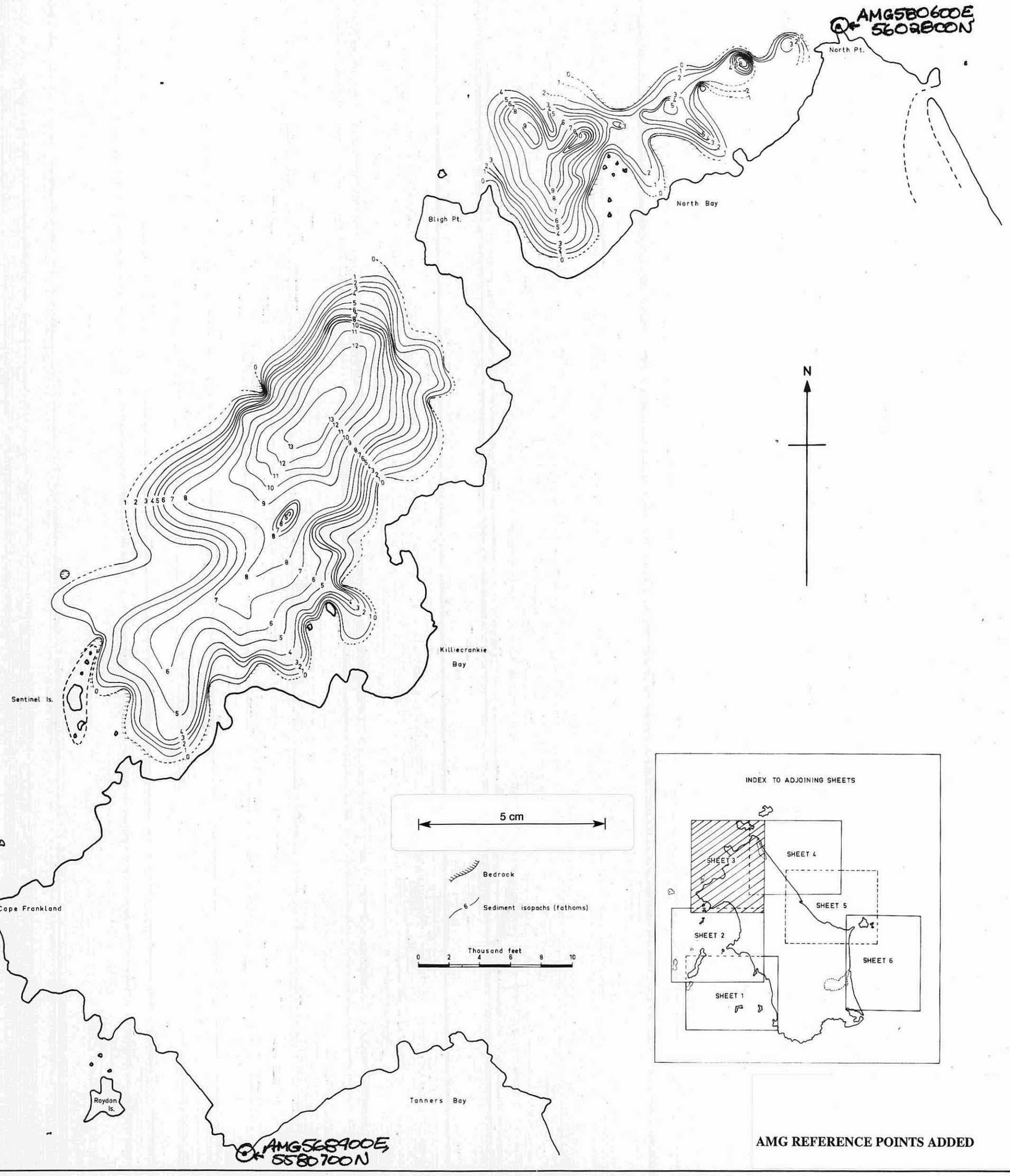
(79)

(80) 81-1621

OCEAN MINING A.G. (TASMANIA) JUNE 1966

# SEDIMENT DISTRIBUTION and THICKNESS
# FLINDERS ISLAND
# SHEET 3




INDEX TO ADJOINING SHEETS




**AMG REFERENCE POINTS ADDED**

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# SEDIMENT DISTRIBUTION and THICKNESS
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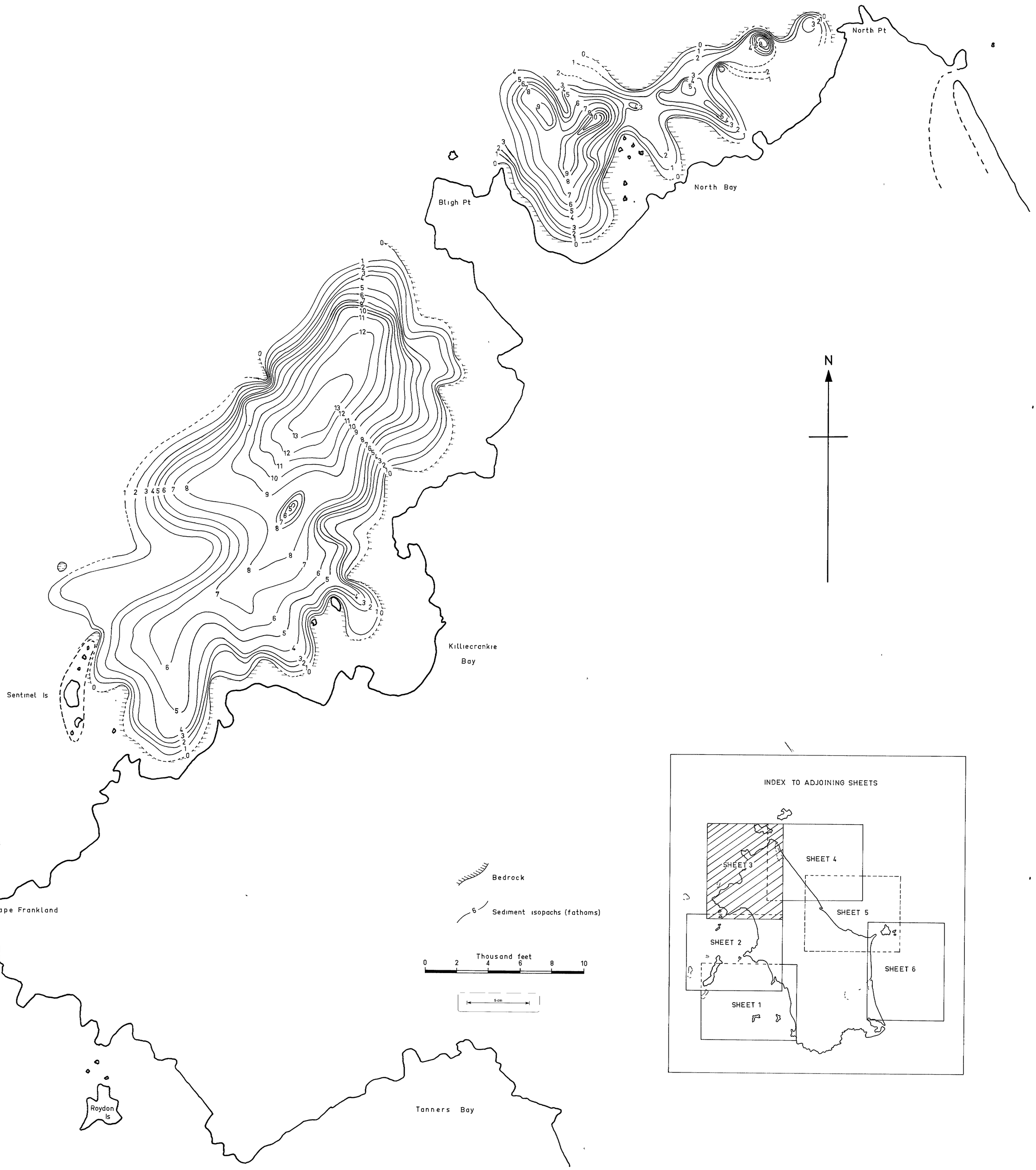


(52) 81-621

DUNES - AVERAGE THICKNESS 15 fm

DUNES - AVERAGE THICKNESS 5 fm

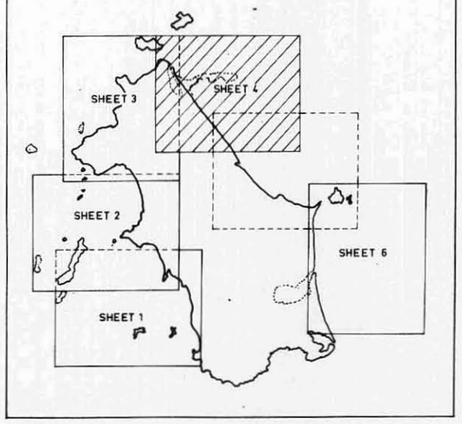
AMG 580600E
5602800N

North Pt.

AMG 583000E
5596600N

N

INDEX TO ADJOINING SHEETS




Bedrock

Sediment isopachs (fathoms)

Thousand feet
0 2 4 6 8 10

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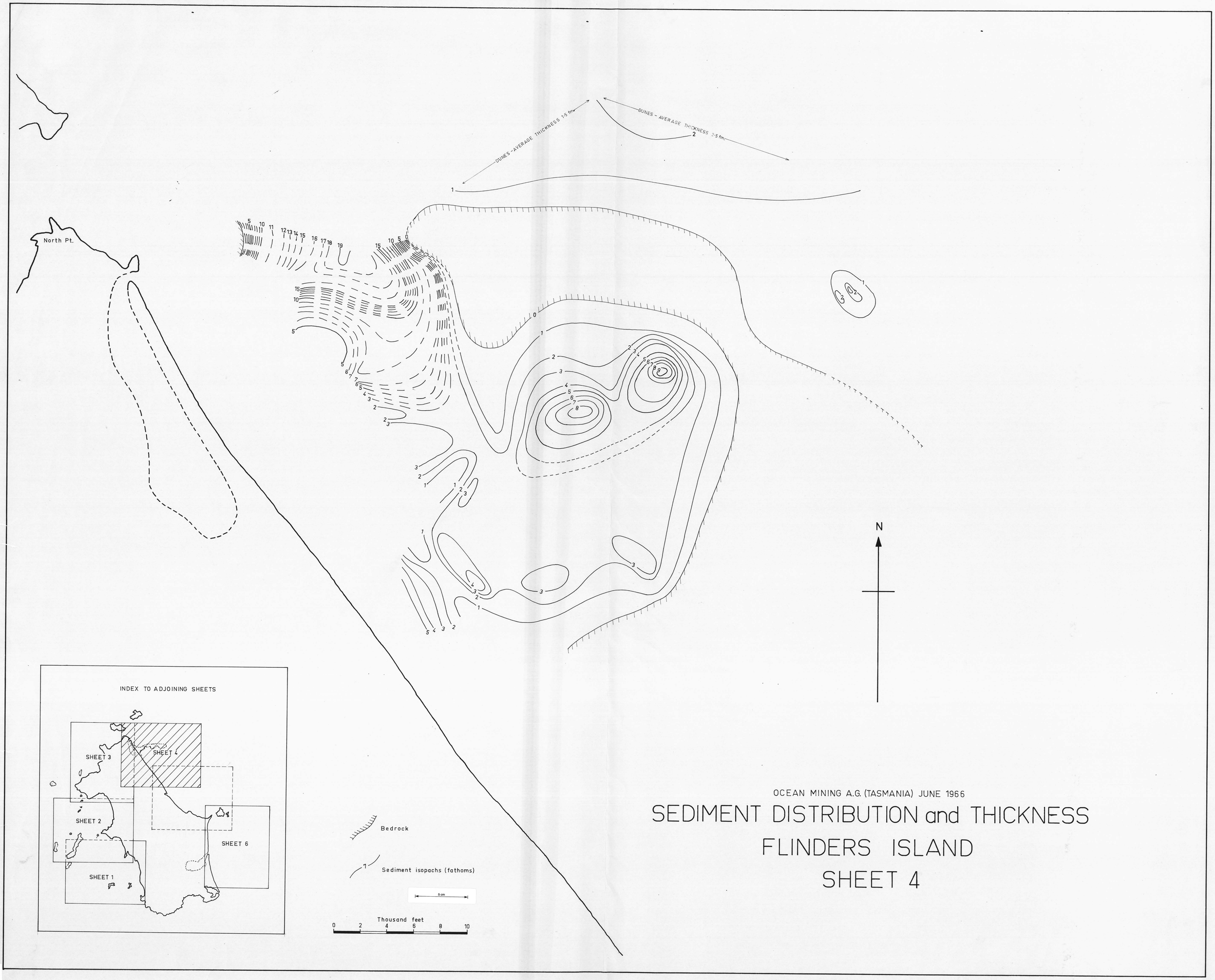
# SHEET 4

5 cm

AMG REFERENCE POINTS ADDED

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# SEDIMENT DISTRIBUTION and THICKNESS
# FLINDERS ISLAND
# SHEET 4