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卷 末 資 料

調查結果一覽表

Data List around Tuvvalu

(No. 1)

| Sample No. (Station) | Location | | | Manganese | | | | | | | | | | Nodules | | | | | Geology | | |
|----------------------|--------------|---------------|-----------|-----------------|-----------------------|--------|--------|--------|---------|--------------------------------|-------|--------------|------------------|---------|------|-------|-------|----------|--------------|------------|----|
| | Latitude | Longitude | Depth (m) | Topography | Size distribution (%) | | | | | Abundance (kg/m ²) | Shape | S.G. Wet (G) | XRF Analyses (%) | | | | | Sediment | T.P.L.* type | thick. (m) | |
| | | | | | 0-2 cm | 2-4 cm | 4-6 cm | 6-8 cm | 8-16 cm | | | | 16- cm | Ni | Cu | Co | Mn | | | | Fe |
| 88S0674F601 | 04° 59.886' | 174° 29.986' | 5.214 | (Plain)Seamount | 3 | 1 | | | 96 | 9.42 | Ot | 1.68 | 0.49 | 0.35 | 0.20 | 15.15 | 11.99 | BC | d1 | 0 | |
| 88S0674F602 | 04° 59.043' | 174° 28.991' | 5.207 | (Plain)Flat | 20 | 80 | | | | 0.08 | E | --- | --- | --- | --- | --- | --- | BC | ds | 0 | |
| 88S0674F603 | 04° 58.991'S | 174° 30.936' | 5.170 | (Plain)Seamount | 2 | 25 | 43 | 19 | 11 | 14.02 | P1,Sp | 2.00 | 0.52 | 0.46 | 0.24 | 18.02 | 13.98 | BC | d1 | 0 | |
| (401) Average | | | 5.197 | | 1 | 16 | 26 | 11 | 7 | 7.84 | Ot,P1 | 1.87 | 0.51 | 0.41 | 0.22 | 16.78 | 13.12 | | | | |
| 88S0774F601 | 05° 59.985'S | 174° 29.993'E | 5.530 | (Plain)Flat | | 100 | | | | 0.97 | E | 1.80 | 1.22 | 1.15 | 0.29 | 24.45 | 6.20 | BC | c | 0 | |
| 88S0774F602 | 05° 58.995'S | 174° 29.02'E | 5.526 | (Plain)Flat | 100 | | | | | 0.04 | P | --- | --- | --- | --- | --- | --- | BC | c | 0 | |
| 88S0774F603 | 05° 58.60'S | 174° 31.04'E | 5.527 | (Plain)Flat | | | | | | 0.00 | --- | --- | --- | --- | --- | --- | --- | BC | c | 0 | |
| (402) Average | | | 5.528 | | 36 | 64 | | | | 0.04 | E,P | 1.75 | 1.22 | 1.15 | 0.29 | 24.45 | 6.20 | | | | |
| 88S0874F601 | 06° 59.97'S | 174° 30.03'E | 5.400 | (Plain)Flat | | 68 | 32 | | | 5.75 | P,M | 2.03 | 0.60 | 0.53 | 0.18 | 19.99 | 13.44 | BC | e1 | 40 | |
| 88S0874F602 | 06° 58.99'S | 174° 29.02'E | 5.389 | (Plain)Flat | 64 | 36 | | | | 0.11 | Ot | --- | --- | --- | --- | --- | --- | BC | e1 | 50 | |
| 88S0874F603 | 06° 58.98'S | 174° 30.98'E | 5.408 | (Plain)Flat | 20 | 80 | | | | 0.15 | E | 1.88 | 0.47 | 0.48 | 0.12 | 14.31 | 13.18 | BC | e1 | 40 | |
| (403) Average | | | 5.399 | | 2 | 68 | 31 | | | 2.00 | P,M | 2.02 | 0.59 | 0.53 | 0.18 | 19.87 | 13.43 | | | | |
| 88S0974F601 | 08° 00.14'S | 174° 30.01'E | 5.243 | (Plain)Seamount | 28 | 72 | | | | 0.22 | P | 1.76 | 0.50 | 0.50 | 0.10 | 16.82 | 11.77 | BC | d1 | 0 | |
| 88S0974F602 | 07° 59.22'S | 174° 29.04'E | 5.334 | (Plain)Flat | --- | --- | --- | --- | --- | (--- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 40 |
| 88S0974F603 | 07° 59.38'S | 174° 30.97'E | 5.345 | (Plain)Flat | 23 | 40 | 37 | | | 0.44 | P,Ot | 1.78 | 0.52 | 0.55 | 0.11 | 19.13 | 11.72 | BC | e1 | 40 | |
| (404) Average | | | 5.307 | | 25 | 51 | 25 | | | 0.33 | P,Ot | 1.77 | 0.51 | 0.53 | 0.11 | 18.41 | 11.74 | | | | |
| 88S0975F601 | 07° 59.953' | 175° 29.970' | 5.390 | (Plain)Flat | 30 | 70 | | | | 0.08 | P,Ot | 1.75 | 0.54 | 0.56 | 0.09 | 17.26 | 10.04 | BC | e1 | 20 | |
| 88S0975F602 | 07° 58.98'S | 175° 29.04'E | 5.423 | (Plain)Flat | 21 | 79 | | | | 0.15 | P,P1 | 2.14 | 0.54 | 0.57 | 0.09 | 19.86 | 10.28 | BC | e1 | 30 | |
| 88S0975F603 | 07° 58.99'S | 175° 31.01'E | 5.400 | (Plain)Flat | | | | | | 0.00 | --- | --- | --- | --- | --- | --- | --- | BC | e1 | 30 | |
| (405) Average | | | 5.404 | | 24 | 76 | | | | 0.08 | P,P1 | 2.00 | 0.54 | 0.57 | 0.09 | 18.84 | 10.19 | | | | |
| 88S0875F601 | 07° 00.34'S | 175° 30.05'E | 4.277 | (Plain)Seamount | | | | | | 0.00 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 0 |
| 88S0875F602 | 06° 59.43'S | 175° 28.99'E | 4.881 | (Plain)Seamount | --- | --- | --- | --- | --- | (--- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 0 |
| 88S0875F603 | 06° 59.54'S | 175° 31.01'E | 4.818 | (Plain)Seamount | 2 | 91 | 7 | | | 17.75 | P,Sp | 2.05 | 0.42 | 0.29 | 0.26 | 18.87 | 18.92 | BC | d1 | 0 | |
| (406) Average | | | 4.659 | | 2 | 91 | 7 | | | 8.88 | P,Sp | 2.05 | 0.42 | 0.29 | 0.29 | 18.87 | 18.92 | | | | |

* T.P.L. : Transparent Layer

Data List around Tuvalu

(No. 2)

| Sample No. (Station) | Location | | | | Main analyses | | | | | | | | | | Geology | | | | | |
|----------------------|-------------|--------------|-----------|----------------|-----------------------|--------|--------|--------|---------|--------------------------------|-------|----------|---------|------------------|---------|-------|-------|----------|---------|----|
| | Latitude | Longitude | Depth (m) | Topography | Size distribution (%) | | | | | Abundance (kg/m ²) | Shape | S.C. wet | H2O (%) | XRF Analyses (%) | | | | Sediment | T.P.L.* | |
| | | | | | 0-2 cm | 2-4 cm | 4-6 cm | 5-8 cm | 8-16 cm | | | | | 16-30 cm | Ni | Cu | Co | | Mn | Fe |
| 88S0775F001 | 05° 59.97'S | 175° 29.99'E | 5.514 | (Plain)Flat | | | | | | 0.00 | -- | -- | -- | -- | -- | -- | BC | c | 0 | |
| 88S0775F002 | 05° 58.99'S | 175° 28.95'E | 5.516 | (Plain)Flat | 100 | | | | | 0.02 | 0t | -- | -- | -- | -- | -- | BC | c | 0 | |
| 88S0775F003 | 05° 58.97'S | 175° 30.96'E | 5.516 | (Plain)Flat | | | | | | 0.00 | -- | -- | -- | -- | -- | -- | BC | c | 0 | |
| (407) Average | | | 5.515 | | 100 | | | | | 0.01 | 0t | -- | -- | -- | -- | -- | | | | |
| 88S0675F001 | 05° 00.41'S | 175° 29.55'E | 5.480 | (Plain)Flat | | | | | | 0.00 | -- | -- | -- | -- | -- | -- | BC | c | 0 | |
| 88S0675F002 | 04° 59.17'S | 175° 28.91'E | 5.478 | (Plain)Flat | 100 | | | | | 0.12 | 0t,P | 0.00 | 39.2 | 0.32 | 0.10 | 9.23 | 10.06 | BC | c | 0 |
| 88S0675F003 | 04° 59.24'S | 175° 30.85'E | 5.468 | (Plain)Flat | | | | | | 0.00 | -- | -- | -- | -- | -- | -- | BC | e1 | 10 | |
| (402) Average | | | 5.475 | | 100 | | | | | 0.04 | P, 0t | 0.00 | 39.2 | 0.32 | 0.10 | 9.23 | 10.06 | | | |
| 88S0678F001 | 04° 59.99'S | 178° 29.91'E | 5.246 | (Quasi)Seakno1 | 1 | 56 | 35 | 8 | | 16.19 | P, Sp | 2.06 | 32.1 | 0.47 | 0.29 | 18.47 | 16.24 | BC | d1 | 0 |
| 88S0678F002 | 04° 59.00'S | 178° 29.00'E | 5.480 | (Quasi)Flat | 1 | 29 | 65 | 5 | | 5.04 | P, Sp | 1.93 | 27.9 | 0.62 | 0.24 | 21.32 | 13.33 | BC | ds | 0 |
| 88S0678F003 | 04° 58.99'S | 178° 30.95'E | 5.604 | (Quasi)Flat | | | | | | 0.00 | -- | -- | -- | -- | -- | -- | BC | ds | 0 | |
| (409) Average | | | 5.443 | | 1 | 50 | 42 | 7 | | 7.08 | P, Sp | 2.03 | 31.1 | 0.51 | 0.28 | 19.18 | 15.52 | | | |
| 88S0778F001 | 05° 59.97'S | 178° 29.78'E | 5.514 | (Quasi)Flat | 100 | | | | | 0.03 | P | -- | -- | -- | -- | -- | BC | d2 | 9 | |
| 88S0778F002 | 05° 58.95'S | 178° 28.99'E | 5.537 | (Quasi)Flat | | | | | | 0.00 | -- | -- | -- | -- | -- | -- | BC | b | 10 | |
| 88S0778F003 | 05° 58.99'S | 178° 31.18'E | 5.004 | (Quasi)Seakno1 | | | | | | 0.00 | -- | -- | -- | -- | -- | -- | | d1 | 0 | |
| (410) Average | | | 5.352 | | 100 | | | | | 0.01 | P | -- | -- | -- | -- | -- | | | | |
| 88S0679F001 | 05° 00.00'S | 179° 29.93'E | 5.638 | (Quasi)Flat | 3 | 34 | 54 | 6 | 57 | 3.04 | E, P | 1.97 | 26.2 | 0.53 | 0.43 | 11.15 | 8.29 | BC | e1 | 10 |
| 88S0679F002 | 04° 59.02'S | 179° 28.97'E | 5.597 | (Quasi)Flat | 1 | 22 | 54 | 23 | | 16.35 | M, P | 1.99 | 29.6 | 0.52 | 0.44 | 19.75 | 13.53 | BC | ds | 0 |
| 88S0679F003 | 04° 59.02'S | 179° 30.96'E | 5.607 | (Quasi)Flat | 1 | 30 | 69 | | | 9.75 | M, P | 2.03 | 29.6 | 0.44 | 0.35 | 19.14 | 14.39 | BC | e1 | 10 |
| (411) Average | | | 5.621 | | 1 | 26 | 53 | 14 | 6 | 9.71 | M, P | 2.00 | 29.3 | 0.50 | 0.41 | 18.61 | 13.41 | | | |
| 88S0779F001 | 06° 00.09'S | 179° 30.34'E | 5.031 | (Quasi)Flat | | | | | | 0.00 | -- | -- | -- | -- | -- | -- | BC | b | 10 | |
| 88S0779F002 | 05° 58.12'S | 179° 29.33'E | 5.083 | (Quasi)Flat | 2 | 56 | 28 | 14 | | 10.84 | M, P | 2.00 | 26.3 | 0.47 | 0.36 | 18.57 | 14.93 | BC | ds | 0 |
| 88S0779F003 | 05° 58.16'S | 179° 31.56'E | 4.827 | (Quasi)Seakno1 | 49 | 41 | 4 | 6 | | 1.67 | P, P1 | 2.03 | 29.2 | 0.44 | 0.30 | 16.46 | 12.33 | BC | ds | 0 |
| (412) Average | | | 4.980 | | 8 | 54 | 25 | 13 | | 4.17 | P, M | 2.00 | 26.7 | 0.47 | 0.28 | 18.30 | 15.37 | | | |

* T.P.L. : Transparent Layer

Data List around Tuvalu

(No. 3)

| Sample No. (Station) | Location | | | Manganese | | | | | | | | Nodules | | | | | | | Geology | | | | | | | | | |
|----------------------|-------------|--------------|-----------|-----------------------|--------|--------|--------|---------|--------|-----|-------|--------------------------------|-------|---------------|------------------|----|----|----|----------|-------------|------------|--|--|----|----|----|----|----|
| | Latitude | Longitude | Depth (m) | Size distribution (%) | | | | | | | | Abundance (ug/m ²) | Shape | S.G. Wet (cc) | XRF Analyses (%) | | | | Sediment | T.P.L. type | thick. (m) | | | | | | | |
| | | | | 0-2 cm | 2-4 cm | 4-6 cm | 6-8 cm | 8-16 cm | 16- cm | 0-2 | Ni | | | | Cu | Co | Mn | Fe | | | | | | | | | | |
| 88S0680SC01 | 04° 59.72'S | 179° 30.09'W | 5.750 | | | | | | | | | | | | | | | | | | | | | ds | 0 | | | |
| 88S0680FC02 | 04° 59.01'S | 179° 31.02'W | 5.676 | 1 | 56 | 34 | 9 | | | | 0.00 | | | | | | | | | | | | | | BC | 0 | | |
| 88S0680FC03 | 04° 59.02'S | 179° 29.01'W | 5.624 | 1 | 56 | 34 | 9 | | | | 10.98 | | | | | | | | | | | | | | | BC | 0 | |
| (413) Average | | | 5.683 | | | | | | | | 5.49 | | | | | | | | | | | | | | | | | |
| 88S0780FC01 | 08° 00.07'S | 179° 29.99'W | 5.339 | | | | | | | | 0.00 | | | | | | | | | | | | | | | | | |
| 88S0780FC02 | 05° 59.16'S | 179° 31.02'W | 5.126 | 27 | 73 | | | | | | 0.20 | | | | | | | | | | | | | | | | BC | 10 |
| 88S0780FC03 | 05° 59.13'S | 179° 28.98'W | 5.404 | 2 | 31 | 13 | 21 | 33 | | | 13.23 | | | | | | | | | | | | | | | | BC | 0 |
| (414) Average | | | 5.290 | | | | | | | | 4.48 | | | | | | | | | | | | | | | | | |
| 88S0879SC01 | 06° 59.45'S | 178° 30.00'W | 5.318 | | | | | | | | 19.22 | | | | | | | | | | | | | | | | | |
| 88S0879FC02 | 06° 59.02'S | 178° 31.01'W | 5.307 | 4 | 27 | 10 | 59 | | | | 4.78 | | | | | | | | | | | | | | | | | |
| 88S0879FC03 | 06° 59.02'S | 178° 28.99'W | 5.464 | 1 | 16 | | 83 | | | | 1.29 | | | | | | | | | | | | | | | | | |
| (415) Average | | | 5.360 | | | | | | | | 8.43 | | | | | | | | | | | | | | | | | |
| 88S0880FC01 | 07° 00.03'S | 179° 30.04'W | 5.682 | 100 | | | | | | | 0.02 | | | | | | | | | | | | | | | | | |
| 88S0880FC02 | 06° 58.92'S | 179° 31.08'W | 5.708 | | 100 | | | | | | 0.02 | | | | | | | | | | | | | | | | | |
| 88S0880FC03 | 06° 58.93'S | 179° 29.11'W | 5.700 | | | | | | | | 0.00 | | | | | | | | | | | | | | | | | |
| (416) Average | | | 5.697 | | | | | | | | 0.01 | | | | | | | | | | | | | | | | | |
| 88S0979FC01 | 08° 00.05'S | 178° 30.02'W | 5.285 | 7 | 93 | | | | | | 0.21 | | | | | | | | | | | | | | | | | |
| 88S0979FC02 | 07° 59.02'S | 178° 31.00'W | 5.286 | 100 | | | | | | | 0.02 | | | | | | | | | | | | | | | | | |
| 88S0979FC03 | 07° 58.99'S | 178° 28.91'W | 5.264 | 13 | 48 | | 39 | | | | 2.41 | | | | | | | | | | | | | | | | | |
| (417) Average | | | 5.278 | | | | | | | | 0.88 | | | | | | | | | | | | | | | | | |
| 88S0980FC01 | 07° 59.94'S | 179° 30.70'W | 5.498 | | | | | | | | 0.00 | | | | | | | | | | | | | | | | | |
| 88S0980FC02 | 07° 58.95'S | 179° 31.84'W | 5.452 | | | | | | | | 0.00 | | | | | | | | | | | | | | | | | |
| 88S0980FC03 | 07° 58.89'S | 179° 30.11'W | 5.473 | 14 | 86 | | | | | | 0.05 | | | | | | | | | | | | | | | | | |
| (418) Average | | | 5.472 | | | | | | | | 0.02 | | | | | | | | | | | | | | | | | |

* T.P.L. : Transparent Layer

Data List around Tuvalu

(No. 4)

| Sample No. (Station) | Location | | | Main Gases | | | | | | | | | | Nodules | | | | | Geology | |
|----------------------|--------------|---------------|-----------|-----------------------|--------|--------|--------|---------|-------------------------------|-------|----------|----------------------|------------------|---------|-------|-------|----------|---------|---------|------|
| | Latitude | Longitude | Depth (m) | Size distribution (%) | | | | | Abundance (g/m ²) | Shape | S.G. wet | H ₂ O (%) | XRF Analyses (%) | | | | Sediment | T.P.L.* | | |
| | | | | 0-2 cm | 2-4 cm | 4-6 cm | 6-8 cm | 8-16 cm | | | | | 16-30 cm | Ni | Cu | Co | | Mn | Fe | type |
| 88S1079F001 | 08° 59.98' S | 178° 30.03' W | 5.196 | 100 | | | | | 0.04 | 0t | --- | --- | --- | --- | --- | BC | e1 | 10 | | |
| 88S1079F002 | 08° 59.12' S | 178° 30.61' W | 5.177 | 62 | 28 | | | | 1.68 | P, 0t | 1.88 | 32.5 | 0.48 | 0.11 | 14.29 | 12.37 | BC | ds | 0 | |
| 88S1079F003 | 08° 59.17' S | 178° 28.52' W | 5.187 | | | | | | 0.00 | -- | --- | --- | --- | --- | --- | BC | b | 48 | | |
| (419) Average | | | 5.187 | 10 | 63 | 27 | | | 0.57 | P, 0t | 1.88 | 32.5 | 0.48 | 0.11 | 14.29 | 12.37 | | | | |
| 88S1088F001 | 09° 00.05' S | 179° 30.06' W | 5.090 | 100 | | | | | 0.03 | P | --- | --- | --- | --- | --- | BC | b | 20 | | |
| 88S1088F002 | 08° 59.22' S | 179° 31.11' W | 5.066 | | | | | | 0.00 | -- | --- | --- | --- | --- | --- | BC | b | 30 | | |
| 88S1080F003 | 08° 59.36' S | 179° 29.23' W | 5.079 | 12 | 88 | | | | 0.19 | P, 0t | 2.00 | 27.3 | 0.47 | 0.15 | 16.36 | 13.34 | BC | b | 20 | |
| (420) Average | | | 5.078 | 10 | 90 | | | | 0.07 | P, 0t | 2.00 | 27.3 | 0.47 | 0.15 | 16.36 | 13.34 | | | | |
| 88S1179S001 | 10° 00.06' S | 178° 29.92' W | 4.470 | | | | | | 0.00 | -- | --- | --- | --- | --- | --- | CC | c | 0 | | |
| 88S1179F002 | 09° 58.99' S | 178° 31.01' W | 4.430 | | | | | | 0.00 | -- | --- | --- | --- | --- | --- | CC | c | 0 | | |
| 88S1179F003 | 09° 59.05' S | 178° 29.01' W | 4.482 | | | | | | 0.00 | -- | --- | --- | --- | --- | --- | CC | ds | 0 | | |
| (421) Average | | | 4.461 | | | | | | 0.00 | -- | --- | --- | --- | --- | --- | | | | | |
| 88S1180F001 | 10° 00.11' S | 179° 30.12' W | 4.169 | | | | | | 0.00 | -- | --- | --- | --- | --- | --- | CC | d2 | 0 | | |
| 88S1180F002 | 09° 59.09' S | 179° 31.22' W | 4.132 | | | | | | 0.00 | -- | --- | --- | --- | --- | --- | CC | d2 | 0 | | |
| 88S1180F003 | 09° 59.14' S | 179° 29.21' W | 4.168 | | | | | | 0.30 | -- | --- | --- | --- | --- | --- | CC | d2 | 0 | | |
| (422) Average | | | 4.156 | | | | | | 0.00 | -- | --- | --- | --- | --- | --- | | | | | |
| 88S0781F001 | 05° 59.99' S | 178° 30.06' W | 5.604 | 14 | 86 | | | | 0.05 | E | --- | --- | --- | --- | --- | BC | e1 | 30 | | |
| 88S0781F002 | 05° 58.98' S | 178° 31.00' W | 5.321 | | | | | | (0.00) | -- | --- | --- | --- | --- | --- | | | | | |
| 88S0781F003 | 05° 59.02' S | 178° 29.02' W | 5.481 | | | | | | (0.04) | E | --- | --- | --- | --- | --- | | | | | |
| (423) Average | | | 5.469 | 14 | 86 | | | | 0.05 | E | --- | --- | --- | --- | --- | | | | | |
| 88S0681F001 | 04° 59.93' S | 178° 29.57' W | 5.543 | 18 | 53 | 20 | 9 | | 14.92 | 0t, M | 2.03 | 25.2 | 0.28 | 0.17 | 4.61 | 11.72 | | d1 | 0 | |
| 88S0681F002 | 04° 58.93' S | 178° 30.58' W | 5.309 | | | | | | 0.00 | -- | --- | --- | --- | --- | --- | | | | | |
| 88S0681F003 | 04° 58.90' S | 178° 28.51' W | 5.357 | 7 | 50 | 10 | 7 | 26 | 11.18 | P, Ef | 2.07 | 25.8 | 0.52 | 0.20 | 14.37 | 11.08 | BC | d1 | 0 | |
| (424) Average | | | 5.403 | 13 | 52 | 16 | 8 | 11 | 8.70 | 0t, P | 2.05 | 25.5 | 0.88 | 0.18 | 8.78 | 11.45 | | | | |

* T.P.L. : Transparent Layer

Data List around Tuvalu (Cobalt rich Crust)

(P. 1)

| No. | Sample No. | Sampling Position | | Depth (m) | Topography | Height (kg) | Thickness (mm) | S.G. wet | H ₂ O (%) | X. R. F. Analysis (%) | | | | Chip Code | Crust Type | Substrate or Core | Surface Texture | Sample Part |
|-----|------------|-------------------|--------------|-----------|------------|-------------|----------------|----------|----------------------|-----------------------|------|------|-------|-----------|------------|-------------------|-----------------|-------------|
| | | Latitude | Longitude | | | | | | | Co | Ni | Cu | Zn | | | | | |
| 1 | 88SB01A001 | 4°42.360'S | 176°33.720'E | 1.610 | Sip (Up) | 0.245 | 0.1 | — | 15.69 | 0.00 | 0.02 | 0.00 | 1.86 | 2.83 | Coated | Calc.rk | Rough | Bulk |
| 2 | 88SB01A002 | 4°44.060'S | 176°33.870'E | 2.150 | Sip (Md) | 0.026 | 0.1 | — | 40.00 | 0.37 | 0.06 | 0.21 | 11.72 | 16.05 | Coated | Hyaloc. | Rough | Bulk |
| 3 | 88SB01A003 | 4°44.100'S | 176°33.830'E | 2.180 | Sip (Md) | 0.275 | 0.1 | — | 40.00 | 0.37 | 0.06 | 0.21 | 11.72 | 16.05 | Coated | Hyaloc. | Rough | Bulk |
| 4 | 88SB01A004 | 4°46.280'S | 176°35.140'E | 2.460 | Sip (Md) | 13.000 | 0.1 | — | 58.33 | 0.79 | 0.04 | 0.52 | 23.09 | 17.50 | Coated | Limest. | Rough | Bulk |
| 5 | 88SB01A005 | 4°43.130'S | 176°35.880'E | 2.085 | Sip (Md) | 24.500 | 0.1 | — | 58.33 | 0.79 | 0.04 | 0.52 | 23.09 | 17.50 | Coated | Limest. | Rough | Bulk |
| 6 | 88SB01A006 | 4°41.490'S | 176°36.790'E | 1.570 | Sip (Up) | 0.007 | 0.1 | 2.000 | — | — | — | — | — | — | Coated | Basalt | Rough | — |
| 7 | 88SB01A007 | 4°42.280'S | 176°34.940'E | 1.470 | Sip (Up) | 2.400 | 0.1 | — | 25.00 | 0.12 | 0.03 | 0.12 | 9.19 | 10.79 | Coated | Calc.rk | Rough | Bulk |
| 8 | 88SB01A008 | 4°40.930'S | 176°32.560'E | 2.179 | Sip (Md) | 0.363 | 0.5 | — | 44.44 | 0.30 | 0.05 | 0.34 | 14.34 | 17.21 | Crust | Basalt | Rough | Bulk |
| 9 | 88SB01A009 | 4°39.810'S | 176°31.660'E | 2.530 | Sip (Md) | 2.760 | 0.2 | — | 27.54 | 0.14 | 0.03 | 0.14 | 9.86 | 11.63 | Crust | Basalt | Rough | Bulk |
| 10 | 88SB01A010 | 4°42.280'S | 176°34.940'E | 1.470 | Sip (Up) | 2.760 | 0.2 | — | 27.54 | 0.14 | 0.03 | 0.14 | 9.86 | 11.63 | Crust | Basalt | Rough | Bulk |
| 11 | 88SB01A011 | 4°42.280'S | 176°34.940'E | 1.470 | Sip (Up) | 2.760 | 0.2 | — | 27.54 | 0.14 | 0.03 | 0.14 | 9.86 | 11.63 | Crust | Basalt | Rough | Bulk |
| 12 | 88SB01A012 | 4°42.280'S | 176°34.940'E | 1.470 | Sip (Up) | 2.760 | 0.2 | — | 27.54 | 0.14 | 0.03 | 0.14 | 9.86 | 11.63 | Crust | Basalt | Rough | Bulk |
| 13 | 88SB01A013 | 4°42.280'S | 176°34.940'E | 1.470 | Sip (Up) | 2.760 | 0.2 | — | 27.54 | 0.14 | 0.03 | 0.14 | 9.86 | 11.63 | Crust | Basalt | Rough | Bulk |
| 14 | 88SB01A014 | 4°42.280'S | 176°34.940'E | 1.470 | Sip (Up) | 2.760 | 0.2 | — | 27.54 | 0.14 | 0.03 | 0.14 | 9.86 | 11.63 | Crust | Basalt | Rough | Bulk |
| 15 | 88SB01A015 | 4°42.280'S | 176°34.940'E | 1.470 | Sip (Up) | 2.760 | 0.2 | — | 27.54 | 0.14 | 0.03 | 0.14 | 9.86 | 11.63 | Crust | Basalt | Rough | Bulk |
| 16 | 88SB01A016 | 4°42.280'S | 176°34.940'E | 1.470 | Sip (Up) | 2.760 | 0.2 | — | 27.54 | 0.14 | 0.03 | 0.14 | 9.86 | 11.63 | Crust | Basalt | Rough | Bulk |
| 17 | 88SB01A017 | 4°42.280'S | 176°34.940'E | 1.470 | Sip (Up) | 2.760 | 0.2 | — | 27.54 | 0.14 | 0.03 | 0.14 | 9.86 | 11.63 | Crust | Basalt | Rough | Bulk |
| 18 | 88SB01A018 | 4°42.280'S | 176°34.940'E | 1.470 | Sip (Up) | 2.760 | 0.2 | — | 27.54 | 0.14 | 0.03 | 0.14 | 9.86 | 11.63 | Crust | Basalt | Rough | Bulk |
| 19 | 88SB01A019 | 4°42.280'S | 176°34.940'E | 1.470 | Sip (Up) | 2.760 | 0.2 | — | 27.54 | 0.14 | 0.03 | 0.14 | 9.86 | 11.63 | Crust | Basalt | Rough | Bulk |
| 20 | 88SB01A020 | 4°42.280'S | 176°34.940'E | 1.470 | Sip (Up) | 2.760 | 0.2 | — | 27.54 | 0.14 | 0.03 | 0.14 | 9.86 | 11.63 | Crust | Basalt | Rough | Bulk |
| 21 | 88SB01A021 | 4°42.280'S | 176°34.940'E | 1.470 | Sip (Up) | 2.760 | 0.2 | — | 27.54 | 0.14 | 0.03 | 0.14 | 9.86 | 11.63 | Crust | Basalt | Rough | Bulk |
| 22 | 88SB01A022 | 4°42.280'S | 176°34.940'E | 1.470 | Sip (Up) | 2.760 | 0.2 | — | 27.54 | 0.14 | 0.03 | 0.14 | 9.86 | 11.63 | Crust | Basalt | Rough | Bulk |
| 23 | 88SB01A023 | 4°42.280'S | 176°34.940'E | 1.470 | Sip (Up) | 2.760 | 0.2 | — | 27.54 | 0.14 | 0.03 | 0.14 | 9.86 | 11.63 | Crust | Basalt | Rough | Bulk |
| 24 | 88SB01A024 | 4°42.280'S | 176°34.940'E | 1.470 | Sip (Up) | 2.760 | 0.2 | — | 27.54 | 0.14 | 0.03 | 0.14 | 9.86 | 11.63 | Crust | Basalt | Rough | Bulk |
| 25 | 88SB01A025 | 4°42.280'S | 176°34.940'E | 1.470 | Sip (Up) | 2.760 | 0.2 | — | 27.54 | 0.14 | 0.03 | 0.14 | 9.86 | 11.63 | Crust | Basalt | Rough | Bulk |
| 26 | 88SB01A026 | 4°42.280'S | 176°34.940'E | 1.470 | Sip (Up) | 2.760 | 0.2 | — | 27.54 | 0.14 | 0.03 | 0.14 | 9.86 | 11.63 | Crust | Basalt | Rough | Bulk |
| 27 | 88SB01A027 | 4°42.280'S | 176°34.940'E | 1.470 | Sip (Up) | 2.760 | 0.2 | — | 27.54 | 0.14 | 0.03 | 0.14 | 9.86 | 11.63 | Crust | Basalt | Rough | Bulk |
| 28 | 88SB01A028 | 4°42.280'S | 176°34.940'E | 1.470 | Sip (Up) | 2.760 | 0.2 | — | 27.54 | 0.14 | 0.03 | 0.14 | 9.86 | 11.63 | Crust | Basalt | Rough | Bulk |
| 29 | 88SB01A029 | 4°42.280'S | 176°34.940'E | 1.470 | Sip (Up) | 2.760 | 0.2 | — | 27.54 | 0.14 | 0.03 | 0.14 | 9.86 | 11.63 | Crust | Basalt | Rough | Bulk |
| 30 | 88SB01A030 | 4°42.280'S | 176°34.940'E | 1.470 | Sip (Up) | 2.760 | 0.2 | — | 27.54 | 0.14 | 0.03 | 0.14 | 9.86 | 11.63 | Crust | Basalt | Rough | Bulk |
| 31 | 88SB01A031 | 4°42.280'S | 176°34.940'E | 1.470 | Sip (Up) | 2.760 | 0.2 | — | 27.54 | 0.14 | 0.03 | 0.14 | 9.86 | 11.63 | Crust | Basalt | Rough | Bulk |
| 32 | 88SB01A032 | 4°42.280'S | 176°34.940'E | 1.470 | Sip (Up) | 2.760 | 0.2 | — | 27.54 | 0.14 | 0.03 | 0.14 | 9.86 | 11.63 | Crust | Basalt | Rough | Bulk |
| 33 | 88SB01A033 | 4°42.280'S | 176°34.940'E | 1.470 | Sip (Up) | 2.760 | 0.2 | — | 27.54 | 0.14 | 0.03 | 0.14 | 9.86 | 11.63 | Crust | Basalt | Rough | Bulk |
| 34 | 88SB01A034 | 4°42.280'S | 176°34.940'E | 1.470 | Sip (Up) | 2.760 | 0.2 | — | 27.54 | 0.14 | 0.03 | 0.14 | 9.86 | 11.63 | Crust | Basalt | Rough | Bulk |
| 35 | 88SB01A035 | 4°42.280'S | 176°34.940'E | 1.470 | Sip (Up) | 2.760 | 0.2 | — | 27.54 | 0.14 | 0.03 | 0.14 | 9.86 | 11.63 | Crust | Basalt | Rough | Bulk |
| 36 | 88SB02A036 | 11°51.750'S | 179°50.040'W | 885 | Sip (Lw) | 0.513 | 0.1 | — | 44.68 | 0.23 | 0.05 | 0.23 | 14.38 | 15.27 | Coated | Coral | Rough | Bulk |
| 37 | 88SB02A037 | 11°47.910'S | 179°55.110'W | 900 | Sip (Lw) | 0.016 | 0.3 | — | 44.83 | 0.33 | 0.05 | 0.33 | 21.86 | 21.86 | Coated | Coral | Rough | Bulk |
| 38 | 88SB02A038 | 11°40.160'S | 179°58.090'E | 1.680 | Sip (Lw) | 0.216 | 0.2 | — | 44.76 | 0.28 | 0.06 | 0.28 | 17.36 | 18.57 | Coated | Coral | Rough | Bulk |
| 39 | 88SB02A039 | 11°40.160'S | 179°58.090'E | 1.680 | Sip (Lw) | 0.056 | 0.1 | — | — | — | — | — | — | — | Coated | — | — | — |
| 40 | 88SB02A040 | 11°40.160'S | 179°58.090'E | 1.680 | Sip (Lw) | 0.100 | 1.0 | — | 40.00 | 0.16 | 0.04 | 0.16 | 11.78 | 15.02 | Crust | Calc.ss | Rough | Bulk |
| 41 | 88SB02A041 | 11°40.000'S | 179°59.850'E | 940 | Sip (Lw) | 0.017 | 1.0 | — | 44.29 | 0.16 | 0.06 | 0.16 | 11.91 | 17.44 | Crust | Calc.ss | Rough | Bulk |
| 42 | 88SB02A042 | 11°43.810'S | 179°35.250'W | 850 | Sip (Lw) | 1.088 | 1.0 | — | 42.15 | 0.16 | 0.05 | 0.16 | 11.83 | 16.23 | Crust | Calc.ss | Rough | Bulk |
| 43 | 88SB02A043 | 11°43.810'S | 179°35.250'W | 850 | Sip (Lw) | 0.960 | 0.5 | — | 50.91 | 0.34 | 0.03 | 0.34 | 19.56 | 16.98 | Cobble | Basalt | — | Bulk |
| | | | | | | 0.960 | 0.5 | — | 50.91 | 0.34 | 0.03 | 0.34 | 19.56 | 16.98 | Cobble | Basalt | — | Bulk |
| | | | | | | 2.100 | 0.1 | — | — | — | — | — | — | — | Coated | Limest. | — | — |

Data List around Tuvalu (Cobalt rich Crust)

(P. 2)

| No. | Sample No. | Sampling Position | | Depth (m) | Topography | Weight (kg) | Thickness (mm) | S.G. | H ₂ O (%) | X. R. F. Analysis (%) | | | | Chip Code | Crust Type | Substrate or Core | Surface Texture | Sample Part |
|-----|------------|-------------------|---------------|-----------|------------|-------------|----------------|-------|----------------------|-----------------------|------|------|-------|-----------|------------|-------------------|-----------------|-------------|
| | | Latitude | Longitude | | | | | | | Co | Ni | Cu | Mn | | | | | |
| 44 | 88S802C807 | 11°41.340''S | 179°40.210''W | 1.570 | Sip (Lw) | 66.000 | 0.1 | — | 20.00 | 0.09 | 0.02 | 0.18 | 9.77 | 14.47 | Basalt | Rough | Bulk | |
| 45 | | | | | | 66.000 | 0.1 | — | 20.00 | 0.09 | 0.02 | 0.18 | 9.77 | 14.47 | Basalt | Rough | Bulk | |
| 46 | 88S802C808 | 11°39.380''S | 179°47.900''W | 1.370 | Sip (Lw) | 12.500 | 0.0 | — | — | — | — | — | — | — | — | — | — | |
| 47 | 88S802C809 | 11°31.690''S | 179°59.310''W | 810 | Sip (Lw) | 0.350 | 0.7 | — | 34.20 | 0.59 | 0.04 | 1.36 | 23.64 | 14.13 | Limest. | Smooth | Bulk | |
| 48 | | | | | | 0.054 | 0.5 | — | 32.00 | 0.61 | 0.06 | 1.23 | 17.25 | 12.08 | Limest. | Smooth | Bulk | |
| 49 | | | | | | 0.135 | 0.3 | — | 27.27 | 0.59 | 0.04 | 1.33 | 21.87 | 13.68 | Limest. | Smooth | Bulk | |
| 50 | | | | | | 0.130 | 0.4 | — | 34.21 | 0.57 | 0.04 | 1.34 | 18.81 | 12.72 | Limest. | Smooth | Bulk | |
| 51 | | | | | | 34.000 | 0.5 | — | 31.94 | 0.59 | 0.05 | 1.37 | 20.39 | 13.15 | Limest. | Smooth | Bulk | |
| 52 | 88S803C801 | 11°16.560''S | 178°56.940''W | 1.365 | Sip (Up) | 0.200 | 4.6 | — | 30.00 | 0.39 | 0.05 | 0.76 | 21.40 | 20.83 | Limest. | Botry'd | Bulk | |
| 53 | | | | | | 0.225 | 4.8 | — | 34.67 | 0.40 | 0.05 | 0.68 | 21.50 | 21.01 | Limest. | Botry'd | Bulk | |
| 54 | | | | | | 0.225 | 4.8 | — | 38.82 | 0.40 | 0.05 | 0.66 | 20.90 | 20.75 | Limest. | Botry'd | Bulk | |
| 55 | | | | | | 2.050 | 0.1 | — | 46.82 | 0.22 | 0.04 | 0.35 | 15.18 | 20.86 | Limest. | Botry'd | Bulk | |
| 56 | | | | | | 2.500 | 3.3 | — | 34.50 | 0.40 | 0.05 | 0.70 | 21.27 | 20.86 | Limest. | Botry'd | Bulk | |
| 57 | 88S803C802 | 11°24.390''S | 179°3.850''W | 1.330 | Sip (Up) | 0.980 | 5.0 | — | 37.74 | 0.35 | 0.07 | 0.61 | 18.17 | 19.17 | Calc. ss | Botry'd | Bulk | |
| 58 | | | | | | 0.255 | 1.0 | — | 32.86 | 0.45 | 0.06 | 0.51 | 19.75 | 19.01 | Calc. rk | Botry'd | Bulk | |
| 59 | | | | | | 0.051 | 6.0 | — | 39.18 | 0.48 | 0.06 | 0.29 | 20.04 | 20.04 | Calc. ss | Botry'd | Bulk | |
| 60 | | | | | | 7.250 | 4.0 | — | 44.06 | 0.35 | 0.06 | 0.44 | 18.22 | 21.54 | Calc. ss | Botry'd | Bulk | |
| 61 | | | | | | 7.250 | 4.0 | 1.820 | 41.82 | 0.35 | 0.06 | 0.46 | 19.12 | 21.54 | Calc. ss | Botry'd | Bulk | |
| 62 | | | | | | 15.500 | 4.0 | 1.850 | 42.94 | 0.35 | 0.06 | 0.45 | 18.86 | 20.83 | Calc. ss | Botry'd | Bulk | |
| 63 | 88S803D003 | 11°24.390''S | 179°24.290''W | 1.640 | Sip (Md) | 0.590 | 0.0 | — | — | — | — | — | — | — | — | — | — | |
| 64 | 88S803D004 | 11°17.300''S | 179°17.570''W | 920 | Sat (Ctr) | 0.410 | 3.0 | — | 36.18 | 0.47 | 0.04 | 1.25 | 25.06 | 17.93 | Limest. | Rough | Bulk | |
| 65 | | | | | | 0.055 | 1.0 | — | 37.34 | 0.42 | 0.05 | 0.56 | 17.54 | 15.50 | Limest. | Smooth | Bulk | |
| 66 | | | | | | 0.077 | 0.5 | — | 34.21 | 0.42 | 0.05 | 0.57 | 17.14 | 17.14 | Limest. | Smooth | Bulk | |
| 67 | | | | | | 0.430 | 1.0 | — | 33.93 | 0.47 | 0.05 | 1.14 | 22.95 | 14.50 | Limest. | Rough | Bulk | |
| 68 | | | | | | 0.430 | 1.0 | — | 28.13 | 0.47 | 0.05 | 1.16 | 20.97 | 16.31 | Limest. | Rough | Bulk | |
| 69 | | | | | | 1.460 | 1.0 | — | 33.41 | 0.50 | 0.05 | 1.13 | 22.34 | 16.24 | Limest. | Rough | Bulk | |
| 70 | 88S803D005 | 11°23.090''S | 179°13.150''W | 1.470 | Sip (Md) | 1.200 | 5.8 | 1.920 | 39.13 | 0.34 | 0.07 | 0.52 | 20.28 | 22.28 | Limest. | Botry'd | Bulk | |
| 71 | | | | | | 0.820 | 9.8 | 1.710 | 40.09 | 0.32 | 0.07 | 0.34 | 17.93 | 22.21 | Limest. | Botry'd | Bulk | |
| 72 | | | | | | 0.740 | 5.9 | — | 35.14 | 0.42 | 0.07 | 0.37 | 19.61 | 19.03 | Limest. | Botry'd | Bulk | |
| 73 | | | | | | 18.500 | 5.6 | — | 40.35 | 0.35 | 0.07 | 0.31 | 15.83 | 20.64 | Limest. | Botry'd | Bulk | |
| 74 | | | | | | 18.500 | 7.3 | 1.820 | 37.69 | 0.30 | 0.07 | 0.31 | 17.28 | 22.83 | Limest. | Botry'd | Bulk | |
| 75 | | | | | | 37.000 | 6.6 | 1.820 | 37.96 | 0.33 | 0.07 | 0.31 | 17.11 | 21.74 | Limest. | Botry'd | Bulk | |
| 76 | 88S803D006 | 11°22.450''S | 179°7.040''W | 1.380 | Sip (Up) | 47.000 | 11.0 | 1.700 | 39.23 | 0.28 | 0.07 | 0.39 | 15.60 | 21.43 | Limest. | Botry'd | Bulk | |
| 77 | | | | | | 0.590 | 5.7 | 1.850 | 38.46 | 0.35 | 0.06 | 0.58 | 19.58 | 21.79 | Limest. | Botry'd | Bulk | |
| 78 | | | | | | 0.196 | 1.6 | — | 40.00 | 0.50 | 0.07 | 0.45 | 21.10 | 19.67 | Limest. | Rough | Bulk | |
| 79 | | | | | | 26.500 | 7.0 | 1.840 | 40.35 | 0.31 | 0.06 | 0.52 | 18.56 | 21.97 | Limest. | Botry'd | Bulk | |
| 80 | | | | | | 26.500 | 7.0 | 1.810 | 38.82 | 0.33 | 0.07 | 0.51 | 19.54 | 21.76 | Limest. | Botry'd | Bulk | |
| 81 | | | | | | 53.000 | 7.0 | 1.830 | 39.59 | 0.32 | 0.07 | 0.52 | 19.05 | 21.87 | Limest. | Botry'd | Bulk | |
| 82 | 88S803D007 | 11°13.540''S | 179°13.420''W | 1.480 | Sip (Md) | 0.004 | 7.0 | — | 44.19 | 0.38 | 0.08 | 0.42 | 18.54 | 20.72 | Limest. | Rough | Bulk | |
| 83 | | | | | | 1.474 | 7.0 | — | 44.19 | 0.38 | 0.08 | 0.42 | 18.54 | 20.72 | Limest. | Rough | Bulk | |
| 84 | 88S803D008 | 11°22.010''S | 178°52.200''W | 950 | Sat (Ctr) | 0.018 | 0.0 | — | — | — | — | — | — | — | — | — | — | |
| 85 | 88S803D009 | 11°29.200''S | 178°59.330''W | 1.780 | Sip (Md) | 1.920 | 1.0 | — | 41.35 | 0.37 | 0.06 | 0.27 | 21.47 | 20.96 | Limest. | Botry'd | Bulk | |
| 86 | | | | | | 0.200 | 2.0 | — | 37.76 | 0.34 | 0.13 | 0.23 | 17.37 | 22.73 | Limest. | Botry'd | Bulk | |
| 87 | | | | | | 1.230 | 1.0 | — | 37.76 | 0.29 | 0.07 | 0.23 | 21.05 | 21.28 | Limest. | Botry'd | Bulk | |
| 88 | | | | | | 28.000 | 1.0 | — | 39.23 | 0.36 | 0.08 | 0.27 | 19.87 | 21.75 | Limest. | Botry'd | Bulk | |
| 89 | | | | | | 28.000 | 1.0 | — | 37.93 | 0.35 | 0.08 | 0.27 | 19.16 | 21.71 | Limest. | Botry'd | Bulk | |
| 90 | | | | | | 101.000 | 1.0 | — | 38.61 | 0.36 | 0.08 | 0.27 | 19.52 | 21.76 | Limest. | Botry'd | Bulk | |
| 91 | 88S803PP10 | 11°17.300''S | 178°57.300''W | 1.090 | Sip (Up) | 0.118 | 2.0 | — | 30.00 | 0.42 | 0.05 | 0.80 | 18.98 | 20.58 | Limest. | Botry'd | Bulk | |

Data List around Tuvalu (Cobalt rich Crust)

| No. | Sample No. | Sampling Position | | Depth (m) | Topography | Weight (kg) | Thickness (mm) | S.G. | H ₂ O (%) | X. R. F. Analysis (%) | | | | Chip Code | Crust Type | Substrate or Core | Surface Texture | Sample Part |
|-----|------------|-------------------|--------------|-----------|------------|-------------|----------------|-------|----------------------|-----------------------|------|------|-------|-----------|------------|-------------------|-----------------|-------------|
| | | Latitude | Longitude | | | | | | | Co | Ni | Cu | Mn | | | | | |
| 92 | 88S803FP10 | 11°17.300'S | 178°57.300'W | 1.090 | SIP (Sp) | 0.118 | 2.0 | 1.690 | 37.27 | 0.44 | 0.05 | 0.64 | 17.26 | XZ | Limest. | Botry'd | Bulk | |
| 93 | | | | | | 0.303 | 3.0 | 1.690 | 38.64 | 0.43 | 0.05 | 0.72 | 18.12 | Z3 | Limest. | Botry'd | Bulk | |
| 94 | 88S804CB01 | 10°48.280'S | 178°9.760'W | 2.580 | SIP (Lw) | 0.002 | 0.0 | | | | | | | | | | | |
| 95 | 88S804CB02 | 10°43.510'S | 179°13.420'W | 1.650 | SIP (Md) | 96.000 | 0.0 | | | | | | | | | | | |
| 96 | 88S804AD03 | 10°41.850'S | 179°16.590'W | 1.940 | SIP (Md) | 2.323 | 0.1 | | | | | | | | | | | |
| 97 | 88S804AD04 | 10°37.680'S | 179°17.250'W | 1.800 | SIP (Md) | 164.000 | 0.1 | | | | | | | | | | | |
| 98 | 88S804AD05 | 10°36.120'S | 179°12.670'W | 1.020 | SIP (Md) | 0.000 | 0.0 | | | | | | | | | | | |
| 99 | 88S804AD06 | 10°35.040'S | 179°9.240'W | 1.560 | SIP (Md) | 53.000 | 0.1 | | | | | | | | | | | |
| 100 | 88S804AD07 | 10°36.170'S | 179°7.110'W | 2.020 | SIP (Lw) | 0.000 | 0.0 | | | | | | | | | | | |
| 101 | 88S804AD08 | 10°40.100'S | 179°8.020'W | 1.720 | SIP (Md) | 4.400 | 1.0 | | 25.00 | 0.29 | 0.08 | 0.26 | 14.35 | A0 | Limest. | Botry'd | Bulk | |
| 102 | | | | | | 0.373 | 1.5 | | 41.88 | 0.31 | 0.06 | 0.50 | 16.91 | B0 | Limest. | Rough | Bulk | |
| 103 | | | | | | 0.780 | 0.1 | | 36.36 | 0.04 | 0.02 | 0.01 | 5.49 | CD | Limest. | Coated | Bulk | |
| 104 | | | | | | 7.500 | 0.6 | | 44.29 | 0.33 | 0.05 | 0.66 | 18.64 | X1 | Limest. | Rough | Bulk | |
| 105 | | | | | | 68.500 | 0.1 | | 45.01 | 0.34 | 0.05 | 0.73 | 19.59 | X2 | Limest. | Rough | Bulk | |
| 106 | | | | | | | | | 44.66 | 0.35 | 0.05 | 0.70 | 19.12 | Z0 | Limest. | Rough | Bulk | |
| 107 | | | | | | 75.592 | 0.1 | | 46.67 | 0.26 | 0.02 | 1.12 | 13.70 | X0 | Limest. | Rough | Bulk | |
| 108 | | | | | | 77.142 | 0.1 | | 46.67 | 0.26 | 0.02 | 1.12 | 13.70 | X0 | Limest. | Rough | Bulk | |
| 109 | | | | | | 0.003 | 3.0 | | 44.00 | 0.36 | 0.06 | 0.05 | 20.66 | X0 | | Rough | Bulk | |
| 110 | 88S805AD01 | 8°23.940'S | 177°17.820'E | 2.340 | SIP (Up) | 0.003 | 3.0 | | 44.00 | 0.36 | 0.06 | 0.05 | 20.66 | X0 | | Rough | Bulk | |
| 111 | 88S805AD02 | 8°22.320'S | 177°20.130'E | 2.930 | SIP (Md) | 0.012 | 0.1 | | | | | | | Z0 | | | | |
| 112 | 88S805AD03 | 8°17.890'S | 177°21.010'E | 2.860 | SIP (Md) | 0.015 | 5.0 | | 34.02 | 0.29 | 0.17 | 0.36 | 21.83 | A0 | Hyaloc. | Rough | Bulk | |
| 113 | | | | | | 0.314 | 1.4 | 1.710 | 34.02 | 0.29 | 0.17 | 0.36 | 21.83 | Z0 | Hyaloc. | Rough | Bulk | |
| 114 | 88S805AD04 | 8°16.170'S | 177°19.030'E | 2.390 | SIP (Up) | 0.020 | 13.0 | 1.710 | 40.74 | 0.43 | 0.07 | 0.66 | 22.75 | X1 | Limest. | Rough | Bulk | |
| 115 | | | | | | 0.025 | 9.0 | 1.460 | 39.22 | 1.12 | 0.31 | 0.11 | 25.48 | X2 | Limest. | Rough | Bulk | |
| 116 | | | | | | 0.048 | 11.0 | 1.570 | 39.96 | 0.78 | 0.19 | 0.39 | 24.12 | X2 | Limest. | Rough | Bulk | |
| 117 | 88S805AD05 | 8°20.260'S | 177°18.520'E | 2.570 | SIP (Up) | 1.750 | 3.9 | 1.830 | 39.29 | 0.34 | 0.09 | 0.30 | 17.68 | A0 | Limest. | Botry'd | Bulk | |
| 118 | | | | | | 0.415 | 3.2 | | 35.20 | 0.46 | 0.10 | 0.49 | 22.06 | B1 | Limest. | Rough | Outer | |
| 119 | | | | | | 0.415 | 25.0 | | 42.31 | 0.48 | 0.12 | 0.64 | 20.72 | B2 | Limest. | Rough | Inner | |
| 120 | | | | | | 0.415 | 28.2 | 1.650 | 44.55 | 0.47 | 0.10 | 0.82 | 19.96 | B0 | Limest. | Rough | Bulk | |
| 121 | | | | | | 0.235 | 20.3 | 1.730 | 44.70 | 0.48 | 0.10 | 0.84 | 22.81 | CD | Limest. | Botry'd | Bulk | |
| 122 | | | | | | 0.122 | 19.9 | 2.110 | 32.99 | 0.53 | 0.14 | 0.60 | 22.47 | ED | Limest. | Rough | Bulk | |
| 123 | | | | | | 0.074 | 3.3 | 2.580 | 34.67 | 0.55 | 0.15 | 0.53 | 22.20 | FD | Other | Botry'd | Bulk | |
| 124 | | | | | | 0.078 | 3.5 | | 33.33 | 0.68 | 0.18 | 0.73 | 22.83 | F0 | Hyaloc. | Smooth | Bulk | |
| 125 | | | | | | 0.144 | 6.0 | | 35.20 | 0.52 | 0.14 | 0.45 | 21.54 | G1 | Limest. | Botry'd | Outer | |
| 126 | | | | | | 0.144 | 8.0 | | 26.14 | 0.73 | 0.16 | 0.69 | 25.31 | G2 | Limest. | Botry'd | Inner | |
| 127 | | | | | | 0.015 | 13.4 | | 30.02 | 0.64 | 0.15 | 0.59 | 23.69 | G0 | Limest. | Botry'd | Bulk | |
| 128 | | | | | | 50.500 | 5.0 | 2.360 | 30.67 | 0.68 | 0.18 | 0.83 | 26.51 | H0 | Hyaloc. | Smooth | Bulk | |
| 129 | | | | | | 50.500 | 3.5 | | 36.19 | 0.51 | 0.12 | 0.56 | 22.44 | X1 | | Botry'd | Bulk | |
| 130 | | | | | | 101.300 | 3.5 | 2.140 | 42.00 | 0.51 | 0.09 | 0.49 | 18.48 | V2 | | Botry'd | Bulk | |
| 131 | | | | | | | 3.5 | 2.040 | 39.87 | 0.43 | 0.11 | 0.53 | 20.46 | Z2 | | Botry'd | Bulk | |
| 132 | 88S806AD01 | 8°36.760'S | 179°8.860'E | 2.060 | SIP (Md) | 18.000 | 0.1 | | | | | | | Z0 | Limest. | Rough | | |
| 133 | 88S806AD02 | 8°30.810'S | 179°15.040'E | 1.810 | SIP (Md) | 0.017 | 0.5 | | | | | | | Z0 | Hyaloc. | Rough | | |
| 134 | 88S806CB03 | 8°33.110'S | 179°14.530'E | 2.440 | SIP (Md) | 0.191 | 0.1 | | | | | | | Z0 | | Rough | | |

Data List around Tuvalu (Cobalt rich Crust)

(P. 4)

| No. | Sample No. | Sampling Position | | Depth (m) | Topography | Weight (kg) | Thickness (mm) | S.G. wet | X. R. F. Analysis (%) | | | | | Chip Code | Crust Type | Substrate or Core | Surface Texture | Sample Part |
|-----|------------|-------------------|--------------|-----------|------------|--|---|--|--|--|--|--|--|--|--|---|--|-------------|
| | | Latitude | Longitude | | | | | | Co | Ni | Cu | Mn | Fe | | | | | |
| 135 | 88SB06CB04 | 8°26.760'S | 179°13.480'E | 2.410 | Sip (Md) | 33.000 | 0.0 | — | — | — | — | — | — | — | — | — | — | — |
| 136 | 88SB06CB05 | 8°24.610'S | 179°8.740'E | 1.160 | Sip (Up) | 9.284 | 0.1 | — | — | — | — | — | — | — | — | — | — | — |
| 137 | 88SB06CB06 | 8°41.170'S | 179°2.300'E | 2.010 | Sip (Md) | 0.180 | 0.1 | — | — | — | — | — | — | — | — | — | — | — |
| 138 | 88SB06CB07 | 8°37.020'S | 178°59.660'E | 2.650 | Sip (Lw) | 0.002 0.004 | 0.5 0.5 | 43.46 43.48 | 0.43 0.43 | 0.58 0.58 | 20.91 20.91 | 17.93 17.93 | X0 Z0 | Coated Coated | Hyaloc. Hyaloc. | Rough Rough | Bulk Bulk | |
| 140 | 88SB06AD08 | 8°31.270'S | 178°58.480'E | 2.150 | Sip (Md) | 0.960 0.007 0.017 0.010 0.007 22.000 1.600 23.600 | 0.5 3.0 1.0 9.0 4.0 22.000 0.3 0.3 | 20.00 40.68 33.33 41.00 41.00 43.75 45.83 40.90 | 0.34 0.45 0.29 0.41 0.40 0.28 0.30 0.42 | 0.05 0.06 0.06 0.05 0.07 0.07 0.06 | 16.31 15.98 14.16 21.78 21.11 13.56 14.31 21.49 | 15.36 19.36 13.64 20.95 19.29 15.59 14.97 19.93 | A0 B0 C0 D0 E0 X1 X2 Z0 | Cobble Crust Crust Crust Crust Cobble Cobble Cobble | Calc. ss Limest. Limest. Limest. Limest. Calc. ss Calc. ss | Rough Rough Rough Rough Rough Rough Rough | Bulk Bulk Bulk Bulk Bulk Bulk Bulk | |
| 148 | 88SB06AD09 | 8°26.810'S | 179°1.760'E | 2.050 | Sip (Md) | 3.500 | 0.1 | — | — | — | — | — | — | — | — | — | — | — |
| 149 | 88SB06AD10 | 8°24.730'S | 179°2.340'E | 1.830 | Sip (Md) | 0.074 0.021 0.011 0.037 0.050 0.950 | 5.0 7.6 5.0 3.0 3.0 2.0 | 23.53 39.05 41.00 40.00 38.00 39.00 | 0.33 0.34 0.34 0.36 0.35 | 0.07 0.06 0.05 0.05 0.06 | 18.65 16.85 19.05 17.59 17.62 17.61 | A0 B0 C0 X1 X2 Z0 | Crust Crust Crust Crust Crust | Limest. Limest. Limest. Limest. Limest. | Botry'd Botry'd Botry'd Botry'd Botry'd | Bulk Bulk Bulk Bulk Bulk | | |
| 155 | 88SB06AD11 | 8°22.950'S | 179°3.860'E | 2.090 | Sip (Md) | 6.000 13.000 | 0.3 0.3 | 42.86 42.86 | 0.44 0.44 | 0.69 0.69 | 19.61 19.61 | 16.83 16.83 | X0 Z0 | Crust Crust | Hyaloc. Hyaloc. | Rough Rough | Bulk Bulk | |
| 157 | 88SB06AD12 | 8°22.730'S | 179°6.680'E | 1.910 | Sip (Md) | 3.700 | 0.1 | — | — | — | — | — | — | — | — | — | — | — |
| 158 | 88SB06PP13 | 8°24.480'S | 179°7.590'E | 950 | Sip (Up) | 225.000 | 0.0 | — | — | — | — | — | — | — | — | — | — | — |
| 159 | 88SB07AD01 | 7°25.960'S | 178°59.170'E | 1.770 | Sip (Md) | 0.440 0.072 0.017 0.484 0.484 | 5.0 3.0 7.0 3.0 5.0 | 34.62 35.56 50.00 34.29 34.75 | 0.51 0.67 0.67 0.49 | 0.06 0.06 0.09 0.08 0.07 | 21.83 21.22 23.25 18.33 20.13 | 19.07 19.25 16.88 17.51 18.26 | A0 B0 C0 X0 Z0 | Crust Crust Crust Crust Crust | Hyaloc. Hyaloc. Hyaloc. Hyaloc. | Botry'd Botry'd Botry'd Botry'd | Bulk Bulk Bulk Bulk | |
| 164 | 88SB07AD02 | 7°24.060'S | 179°1.020'E | 1.990 | Sip (Md) | 0.006 0.015 | 2.0 2.0 | 32.56 32.56 | 0.54 0.54 | 0.70 0.70 | 23.91 23.91 | 18.57 18.57 | X0 Z0 | Crust | Hyaloc. | Rough Rough | Bulk Bulk | |
| 165 | 88SB07AD03 | 7°26.000'S | 179°2.670'E | 1.500 | Sip (Up) | 0.019 0.019 0.068 | 12.0 3.0 7.5 | 33.68 47.37 46.33 | 0.83 0.79 0.81 | 1.13 1.59 1.36 | 29.64 28.49 29.07 | 14.52 14.84 14.68 | A0 B0 Z0 | Crust Crust Crust | Hyaloc. | Botry'd Botry'd | Bulk Bulk | |
| 169 | 88SB07AD04 | 7°28.340'S | 179°0.800'E | 1.630 | Sip (Md) | 0.015 0.004 0.084 | 5.0 3.0 3.0 | 30.00 47.37 30.69 | 0.69 0.77 0.73 | 0.89 1.05 0.97 | 23.57 26.17 24.87 | 13.00 16.26 14.63 | A0 B0 Z0 | Crust Crust Crust | Limest. | Botry'd Rough Botry'd | Bulk Bulk Bulk | |
| 172 | 88SB07AD05 | 7°27.810'S | 178°59.920'E | 1.350 | Sip (Up) | 0.071 | 0.0 | — | — | — | — | — | — | — | — | — | — | — |
| 173 | 88SB07AD06 | 7°31.080'S | 178°38.520'E | 2.010 | Sip (Md) | 269.000 | 0.1 | — | — | — | — | — | — | — | — | — | — | — |
| 174 | 88SB07AD07 | 7°31.160'S | 178°42.370'E | 1.510 | Sip (Md) | 148.000 | 0.1 | — | — | — | — | — | — | — | — | — | — | — |
| 175 | 88SB07AD08 | 7°27.170'S | 178°44.480'E | 2.220 | Sip (Md) | 6.000 8.000 61.000 | 4.5 2.7 3.3 | 33.33 41.67 37.50 | 0.41 0.48 0.48 | 0.62 0.67 0.74 | 20.97 20.72 21.73 | 20.28 20.07 18.84 | A0 B0 C0 | Crust Cobble Cobble | Hyaloc. Hyaloc. Limest. | Botry'd Botry'd Rough | Bulk Bulk Bulk | |

D a t a L i s t o f F o u n d T u v a l u (C o b a l t r i c h C r u s t)

(P . 5)

| No. | Sample No. | Sampling Position | | Depth (m) | Topography | Weight (kg) | Thickness (mm) | S.G. | H ₂ O (%) | X. R. F. Analysis (%) | | | | Chip Code | Crust Type | Substrate or Core | Surface Texture | Sample Part |
|-----|------------|-------------------|--------------|-----------|------------|-------------|----------------|-------|----------------------|-----------------------|------|------|-------|-----------|------------|-------------------|-----------------|-------------|
| | | Latitude | Longitude | | | | | | | Co | Ni | Cu | Mn | | | | | |
| 178 | 88S807AD08 | 7°27.170'S | 178°44.480'E | 2.220 | Sip (Md) | 0.013 | 2.0 | — | 34.61 | 0.47 | 0.07 | 0.69 | 20.51 | 17.51 | — | — | Rough | Bulk |
| 179 | | | | | | 37.500 | 3.4 | — | 43.75 | 0.44 | 0.07 | 0.65 | 20.11 | 19.11 | — | — | — | Bulk |
| 180 | | | | | | 37.500 | 3.4 | — | 43.33 | 0.45 | 0.07 | 0.65 | 20.61 | 19.31 | — | — | — | Bulk |
| 181 | | | | | | 75.000 | 3.4 | — | 43.54 | 0.45 | 0.07 | 0.65 | 20.36 | 19.21 | — | — | — | Bulk |
| 182 | 88S807CB09 | 7°25.140'S | 178°38.420'E | 1.650 | Sip (Md) | 1.290 | 0.1 | — | — | — | — | — | — | — | Coated | Limest. | — | — |
| 183 | 88S807CB10 | 7°29.110'S | 178°37.070'E | 1.960 | Sip (Md) | 1.700 | 0.3 | — | 38.89 | 0.28 | 0.03 | 0.61 | 13.64 | 12.27 | Coated | Limest. | Rough | Bulk |
| 184 | | | | | | 1.960 | 0.3 | — | 38.89 | 0.28 | 0.03 | 0.61 | 13.64 | 12.27 | Coated | Limest. | Rough | Bulk |
| 185 | 88S807AD11 | 7°27.230'S | 179°6.720'E | 1.400 | Sip (Up) | 0.098 | 4.0 | — | 36.98 | 0.54 | 0.05 | 1.47 | 21.77 | 15.60 | Crust | Hyaloc. | Botry'd | Bulk |
| 186 | | | | | | 0.023 | 4.0 | — | 36.36 | 0.54 | 0.05 | 1.47 | 21.77 | 15.60 | Crust | Hyaloc. | Botry'd | Bulk |
| 187 | 88S807AD12 | 7°26.040'S | 179°11.380'E | 1.800 | Sip (Md) | 0.250 | 0.3 | — | — | — | — | — | — | — | Coated | Hyaloc. | Rough | — |
| 188 | 88S807AD13 | 7°26.820'S | 179°12.760'E | 1.230 | Sip (Up) | 0.185 | 2.6 | — | 30.00 | 0.70 | 0.04 | 1.70 | 27.12 | 13.93 | Crust | Basalt | Smooth | Bulk |
| 189 | | | | | | 0.008 | 1.8 | — | 30.36 | 0.68 | 0.05 | 1.56 | 20.02 | 9.62 | Crust | Basalt | Smooth | Bulk |
| 190 | | | | | | 0.193 | 2.6 | — | 30.00 | 0.70 | 0.04 | 1.70 | 27.12 | 13.93 | Crust | Basalt | Smooth | Bulk |
| 191 | 88S807AD14 | 7°29.110'S | 179°9.060'E | 805 | Sip (Up) | 124.000 | 0.2 | — | — | — | — | — | — | — | Coated | Limest. | Rough | — |
| 192 | 88S807AD15 | 7°30.540'S | 179°7.120'E | 2.190 | Sip (Md) | 42.000 | 0.2 | — | — | — | — | — | — | — | Coated | Limest. | Rough | — |
| 193 | 88S807AD16 | 7°29.210'S | 179°7.920'E | 1.610 | Sip (Md) | 121.700 | 0.1 | — | — | — | — | — | — | — | Coated | Limest. | Rough | — |
| 194 | 88S808AD01 | 5°32.050'S | 179°28.470'E | 2.030 | Sip (Md) | 0.141 | 0.3 | — | — | — | — | — | — | — | Coated | Limest. | Rough | — |
| 195 | 88S808AD02 | 5°36.180'S | 179°29.820'E | 2.500 | Sip (Md) | 5.500 | 13.0 | 1.870 | 35.00 | 0.49 | 0.08 | 0.67 | 23.61 | 20.53 | Cobble | — | Botry'd | Outer |
| 196 | | | | | | 1.890 | 13.0 | 1.870 | 31.71 | 0.60 | 0.15 | 1.05 | 27.84 | 16.02 | Cobble | — | Middle | Inner |
| 197 | | | | | | 2.500 | 19.0 | 2.060 | 27.67 | 0.60 | 0.15 | 0.35 | 16.95 | 10.36 | Cobble | Other | Lower | — |
| 198 | | | | | | 2.500 | 3.0 | — | 50.00 | 0.57 | 0.11 | 1.39 | 28.63 | 13.27 | Cobble | Other | — | — |
| 199 | | | | | | 2.500 | 52.0 | 1.940 | 36.11 | 0.68 | 0.14 | 1.04 | 27.20 | 16.27 | Crust | — | Botry'd | Bulk |
| 200 | | | | | | 0.500 | 20.0 | 1.940 | 35.00 | 0.50 | 0.07 | 0.74 | 23.25 | 19.44 | Crust | — | Botry'd | Bulk |
| 201 | | | | | | 0.150 | 4.0 | — | 40.63 | 0.42 | 0.09 | 0.58 | 22.01 | 20.04 | Crust | Tuff | Botry'd | Bulk |
| 202 | | | | | | 0.027 | 5.0 | 1.900 | 31.58 | 0.55 | 0.12 | 0.70 | 22.93 | 16.55 | Crust | — | Botry'd | Bulk |
| 203 | | | | | | 3.375 | 31.0 | — | 34.38 | 0.61 | 0.12 | 0.74 | 23.48 | 15.27 | Crust | — | Botry'd | Bulk |
| 204 | | | | | | 3.375 | 31.0 | 1.940 | 37.19 | 0.62 | 0.11 | 0.94 | 25.93 | 17.20 | Crust | — | Botry'd | Bulk |
| 205 | | | | | | 6.750 | 31.0 | — | — | — | — | — | — | — | Crust | — | — | — |
| 206 | 88S808AD03 | 5°40.050'S | 179°38.490'E | 2.800 | Sip (Md) | 0.022 | 3.0 | — | 33.33 | 0.64 | 0.17 | 0.88 | 20.85 | 18.90 | Cobble | Hyaloc. | Rough | Bulk |
| 207 | | | | | | 0.015 | 4.0 | — | 28.57 | 0.52 | 0.09 | 0.68 | 24.04 | 19.69 | Crust | Hyaloc. | Rough | Bulk |
| 208 | | | | | | 0.026 | 2.0 | — | 33.33 | 0.55 | 0.08 | 0.88 | 24.64 | 18.97 | Crust | Hyaloc. | Rough | Bulk |
| 209 | | | | | | 0.077 | 3.0 | — | 31.74 | 0.57 | 0.11 | 0.81 | 23.18 | 19.19 | Crust | Hyaloc. | Rough | Bulk |
| 210 | 88S808AD04 | 5°36.010'S | 179°35.150'E | 2.180 | Sip (Md) | 1.731 | 1.0 | — | — | — | — | — | — | — | Crust | Limest. | — | — |
| 211 | 88S808AD05 | 5°14.110'S | 179°19.020'E | 2.050 | Sip (Md) | 0.096 | 10.0 | 1.800 | 38.89 | 0.94 | 0.16 | 1.19 | 29.20 | 13.60 | Crust | — | Botry'd | Outer |
| 212 | | | | | | 0.086 | 15.0 | — | 46.34 | 0.88 | 0.20 | 0.53 | 29.17 | 13.61 | Crust | — | Middle | — |
| 213 | | | | | | 0.086 | 25.0 | — | 40.18 | 0.89 | 0.14 | 1.27 | 29.31 | 14.00 | Crust | — | Botry'd | Bulk |
| 214 | | | | | | 0.112 | 25.0 | 1.800 | 40.18 | 0.89 | 0.14 | 1.27 | 29.31 | 14.00 | Crust | — | Botry'd | Bulk |
| 215 | 88S808AD06 | 5°12.050'S | 179°18.430'E | 2.120 | Sip (Md) | 0.800 | 39.0 | 1.950 | 35.37 | 0.71 | 0.07 | 0.99 | 26.79 | 15.49 | Crust | Hyaloc. | Botry'd | Bulk |
| 216 | | | | | | 6.900 | 2.9 | — | 25.45 | 0.79 | 0.23 | 0.24 | 18.49 | 12.28 | Crust | Limest. | Rough | Bulk |
| 217 | | | | | | 0.700 | 1.4 | — | 36.00 | 0.51 | 0.04 | 0.92 | 24.52 | 18.44 | Cobble | Hyaloc. | Botry'd | Bulk |
| 218 | | | | | | 5.885 | 10.0 | — | 35.16 | 0.69 | 0.09 | 0.94 | 26.16 | 16.44 | Crust | — | Botry'd | Bulk |
| 219 | | | | | | 5.885 | 10.0 | — | 34.31 | 0.72 | 0.08 | 0.91 | 26.50 | 15.59 | Crust | — | Botry'd | Bulk |
| 220 | | | | | | 11.870 | 10.0 | 1.950 | 34.74 | 0.71 | 0.09 | 0.93 | 26.33 | 15.02 | Crust | — | Botry'd | Bulk |
| 221 | 88S808AD07 | 5°12.070'S | 179°15.290'E | 2.500 | Sip (Md) | 0.219 | 2.7 | — | 42.86 | 0.45 | 0.07 | 0.79 | 19.19 | 16.70 | Crust | Hyaloc. | Rough | Bulk |
| 222 | | | | | | 1.100 | 1.0 | — | 40.00 | 0.36 | 0.08 | 0.59 | 17.11 | 17.62 | Crust | Hyaloc. | — | Bulk |

Data List around Tuvalu (Cobalt rich Crust)

(P. 6)

| No. | Sample No. | Sampling Position | | Depth (m) | Topography | Weight (kg) | Thickness (mm) | S.G. | H ₂ O (%) | X. R. F. Analysis (%) | | | | Chip Code | Crust Type | Substrate or Core | Surface Texture | Sample Part | |
|-----|-------------|-------------------|----------------|-----------|------------|---|---|---|---|--|--|--|---|--|--|--|--|---|--|
| | | Latitude | Longitude | | | | | | | Co | Ni | Cu | Fe | | | | | | |
| 223 | 88SB08AD017 | 5° 12.070' S | 179° 15.290' E | 2.580 | Sip (Md) | 0.010 1.055 | 3.0 1.0 | — — | 41.22 42.43 | 0.35 0.41 | 0.07 0.08 | 0.48 0.69 | 19.07 17.16 | X2 Z0 | — | Hyaloc. | Rough Bulk | Bulk | |
| 224 | 88SB08AD018 | 5° 13.100' S | 179° 16.340' E | 1.875 | Sip (Up) | 102.000 102.000 102.000 49.000 49.000 49.000 49.000 49.000 0.380 76.000 76.000 152.100 | 0.0 0.0 1.5 51.6 0.0 0.0 50.3 4.6 1.0 12.8 52.0 52.0 | 2.050 2.070 2.000 2.050 — 1.970 2.150 2.220 — 1.970 1.950 2.000 1.980 | 36.26 23.49 40.00 40.00 40.00 32.77 43.45 36.00 46.00 34.35 31.40 27.08 23.24 | 0.63 0.70 0.79 0.64 0.73 0.81 0.76 0.63 0.80 0.81 0.64 0.68 0.66 | 0.06 0.08 0.07 0.07 0.11 0.12 0.09 0.09 0.15 0.13 0.07 0.08 0.08 | 0.87 1.51 0.93 0.81 0.98 0.93 0.93 0.83 0.81 0.90 0.92 0.85 | 26.63 10.53 14.77 15.20 16.00 23.55 14.05 17.34 16.07 17.19 24.20 14.87 14.28 | A1 A2 A3 A3 B1 B2 B3 C0 C1 X1 X2 Z0 | Slab Slab Slab Slab Slab Slab Slab Cobble Cobble Cobble Cobble Cobble | Tuf. bre Tuf. bre Tuf. bre Tuf. bre Tuf. bre Tuf. bre Tuf. bre Tuf. bre Tuf. bre Tuf. bre Tuf. bre Tuf. bre Tuf. bre | Outer Inner Lower Bulk Outer Inner Lower Bulk Bulk Bulk Bulk Bulk Bulk | Betry'd Rough Betry'd Betry'd Betry'd Betry'd Betry'd Betry'd Betry'd Betry'd Betry'd Betry'd Betry'd | Outer Inner Lower Bulk Outer Inner Lower Bulk Bulk Bulk Bulk Bulk Bulk |
| 225 | 88SB08AD019 | 5° 14.480' S | 179° 16.360' E | 2.240 | Sip (Md) | 0.420 0.700 0.032 0.028 1.350 1.350 3.500 | 2.6 2.7 18.3 15.0 4.2 4.2 4.0 | — — 1.800 1.630 — — 1.720 | 42.31 45.83 33.33 42.31 40.74 40.80 40.77 | 0.37 0.38 0.48 0.73 1.73 0.38 0.56 | 0.06 0.05 0.09 0.09 0.09 0.05 0.07 | 0.61 0.81 0.71 1.26 1.18 0.79 0.99 | 21.21 20.57 22.61 14.94 26.20 20.34 23.27 | AD BD CD DD X1 X2 Z0 | Crust Crust Crust Crust Crust Crust Crust | Tuf. bre Hyaloc. Hyaloc. — — — — | Rough Rough Rough Rough Rough Rough Rough | Bulk Bulk Bulk Bulk Bulk Bulk Bulk | |
| 245 | 88SB08AD10 | 5° 32.080' S | 179° 27.520' E | 2.490 | Sip (Md) | 2.500 0.290 0.418 2.778 7.215 | 3.2 12.0 6.1 5.0 5.0 | 1.900 — — — 1.900 | 34.78 31.58 28.24 34.03 33.93 | 0.41 0.62 0.95 0.71 0.59 | 0.05 0.29 0.27 0.25 0.18 | 0.56 0.71 0.76 0.67 0.63 | 20.48 23.63 18.01 24.42 23.36 23.47 | AD BD CD X0 X0 Z0 | Crust Crust Cobble Cobble Crust Crust | Other Limest. Basalt — — — — | Rough Betry'd Betry'd Betry'd Betry'd | Bulk Bulk Bulk Bulk Bulk Bulk | |
| 250 | 88SB08AD11 | 5° 28.260' S | 179° 27.260' E | 2.650 | Sip (Md) | 0.200 0.300 0.031 0.857 1.893 | 1.5 5.0 5.0 1.0 1.0 | — — — — — | 37.69 38.26 45.71 34.29 35.75 | 0.85 0.47 0.49 0.54 0.59 | 0.20 0.07 0.06 0.09 0.11 | 0.87 0.72 1.09 0.77 0.79 | 27.95 23.14 23.53 22.82 23.53 | AD BD CD Y0 Y0 Z0 | Cobble Cobble Crust Cobble | Hyaloc. Basalt Basalt — — — | Rough Rough Rough Rough Rough | Bulk Bulk Bulk Bulk Bulk Bulk | |
| 255 | 88SB08AD12 | 5° 30.380' S | 179° 31.420' E | 2.150 | Sip (Md) | 0.775 0.775 1.550 | 2.4 2.4 2.0 | — — — | 37.50 34.38 35.94 | 0.44 0.44 0.44 | 0.05 0.05 0.05 | 0.84 0.84 0.84 | 22.87 19.22 22.86 | X1 X2 Z0 | Crust Crust Crust | Hyaloc. Hyaloc. Hyaloc. | Rough Rough Rough | Bulk Bulk Bulk | |
| 258 | 88SB08AD13 | 5° 32.070' S | 179° 33.680' E | 2.190 | Sip (Md) | 0.007 0.032 | 2.0 2.0 | — — | 30.77 30.77 | 0.66 0.66 | 0.24 0.24 | 0.47 0.47 | 18.84 18.84 | Y0 Z0 | Crust Crust | Hyaloc. Hyaloc. | Rough Rough | Bulk Bulk | |
| 261 | 88SB08AD14 | 5° 36.650' S | 179° 33.800' E | 2.060 | Sip (Md) | 0.057 0.059 | 5.0 5.0 | — — | 43.33 43.33 | 0.72 0.72 | 0.05 0.05 | 1.49 1.49 | 26.76 26.76 | X0 Z0 | Crust Crust | — — | Rough Rough | Bulk Bulk | |

気象・海象データ

風速月別出現頻度 (昭和63年)

(風速: 単位 m/sec)

| W.V Month | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | Total |
|--------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|------|------|------|------|----|------|------|-------|
| September | 4 | | 4 | 15 | 42 | 47 | 64 | 52 | 117 | 104 | 67 | 40 | 17 | 2 | 1 | | | | 576 |
| % | 0.69 | | 0.69 | 2.60 | 7.29 | 8.16 | 11.11 | 9.03 | 20.32 | 18.07 | 11.63 | 6.94 | 2.95 | 0.35 | 0.17 | | | | 100 |
| October | 2 | 1 | 8 | 31 | 36 | 48 | 50 | 66 | 61 | 33 | 47 | 31 | 11 | 4 | | | 1 | 2 | 432 |
| % | 0.46 | 0.23 | 1.85 | 7.18 | 8.33 | 11.11 | 11.57 | 15.28 | 14.12 | 7.64 | 10.88 | 7.18 | 2.55 | 0.93 | | | 0.23 | 0.46 | 100 |

風向月別出現頻度 (昭和63年)

| W.D Month | CALM | N | NN NE | NN E | EN NE | E | ES SE | S E | SS SE | S | SS SW | S W | WS W | W | WN W | N W | NN NW | Total |
|--------------|------|------|----------|---------|----------|-------|----------|--------|----------|------|----------|--------|---------|---|---------|--------|----------|-------|
| September | 5 | 1 | 4 | 37 | 106 | 196 | 185 | 33 | 3 | 5 | | | | | | | 1 | 576 |
| % | 0.87 | 0.17 | 0.69 | 6.42 | 18.40 | 34.03 | 32.12 | 5.73 | 0.52 | 0.88 | | | | | | | 0.17 | 100 |
| October | 2 | 41 | 45 | 123 | 68 | 87 | 58 | 2 | | | | | | | | 1 | 5 | 432 |
| % | 0.46 | 9.49 | 10.42 | 28.47 | 15.74 | 20.15 | 13.42 | 0.46 | | | | | | | | 0.23 | 1.16 | 100 |

天気日数月別出現頻度 (昭和63年)

| Weather Month | Fine | Cloudy | Rain | Total | Light rain |
|------------------|-------|--------|-------|-------|------------|
| September | 20 | 1 | 3 | 24 | 14 |
| % | 83.33 | 4.17 | 12.5 | 100 | 58.33 |
| October | 12 | 2 | 4 | 18 | 9 |
| % | 66.67 | 11.11 | 22.22 | 100 | 50 |

(註) 雨: R, D, P, Q が5回以上あった日
 晴: 雨の日以外でB, BC が半分以上の日
 曇: 雨の日以外でC, O が半分以上の日
 短時間降水: 晴または曇の日でR, D, P, Q があつた日

日平均気圧月別出現頻度 (昭和63年)

(気圧: 単位 mb)

| A.P Month | 1005.1 5 | 1006.1 5 | 1007.1 5 | 1008.1 5 | 1009.1 5 | 1010.1 5 | 1011.1 5 | 1012.1 5 | 1013.1 5 | 1014.1 5 | 1015.1 5 | 1016.1 5 | 1017.1 5 | 1018.1 5 | Total |
|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|
| | 1006.0 | 1007.0 | 1008.0 | 1009.0 | 1010.0 | 1011.0 | 1012.0 | 1013.0 | 1014.0 | 1015.0 | 1016.0 | 1017.0 | 1018.0 | 1019.0 | |
| September | | 2 | 16 | 78 | 141 | 157 | 111 | 60 | 10 | 1 | | | | | 576 |
| % | | 0.35 | 2.78 | 13.54 | 24.48 | 27.26 | 19.27 | 10.41 | 1.74 | 0.17 | | | | | 100 |
| October | 6 | 17 | 63 | 73 | 104 | 90 | 63 | 16 | | | | | | | 432 |
| % | 1.39 | 3.94 | 14.58 | 16.90 | 24.07 | 20.83 | 14.58 | 3.71 | | | | | | | 100 |

うねりの方向月別出現頻度 (昭和63年)

| S.D Month | N | N N E | N E | E N E | E | E S E | S E | S S E | S | S S W | S W | W S W | W | W N W | N W | N N W | Not Clear | Total |
|--------------|-----------|-------------|--------|-------------|-------|-------------|--------|-------------|---|-------------|--------|-------------|---|-------------|--------|-------------|--------------|-------|
| | September | | | | 10 | 20 | 18 | 24 | | | | | | | | | | 72 |
| % | | | | 6.94 | 13.89 | 12.5 | 16.67 | | | | | | | | | | 50.0 | 100 |
| October | 1 | 2 | 21 | 13 | 12 | 3 | 1 | | | | | | | | | 1 | 54 | 108 |
| % | 0.93 | 1.85 | 19.44 | 12.03 | 11.11 | 2.78 | 0.93 | | | | | | | | | 0.93 | 50.0 | 100 |

うねりの周期月別出現頻度 (昭和63年)

(周期: 単位 sec)

| S.C Month | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | Not clear 99 | Total |
|--------------|-----------|-------|------|-------|------|------|------|----|----|----|----|--------------------|-------|
| | September | | 18 | 11 | 31 | 7 | 4 | 1 | | | | | 72 |
| % | | 12.5 | 7.63 | 21.53 | 4.86 | 2.79 | 0.69 | | | | | 50.0 | 100 |
| October | | 31 | | 22 | 1 | | | | | | | 54 | 108 |
| % | | 28.70 | | 20.37 | 0.93 | | | | | | | 50.0 | 100 |

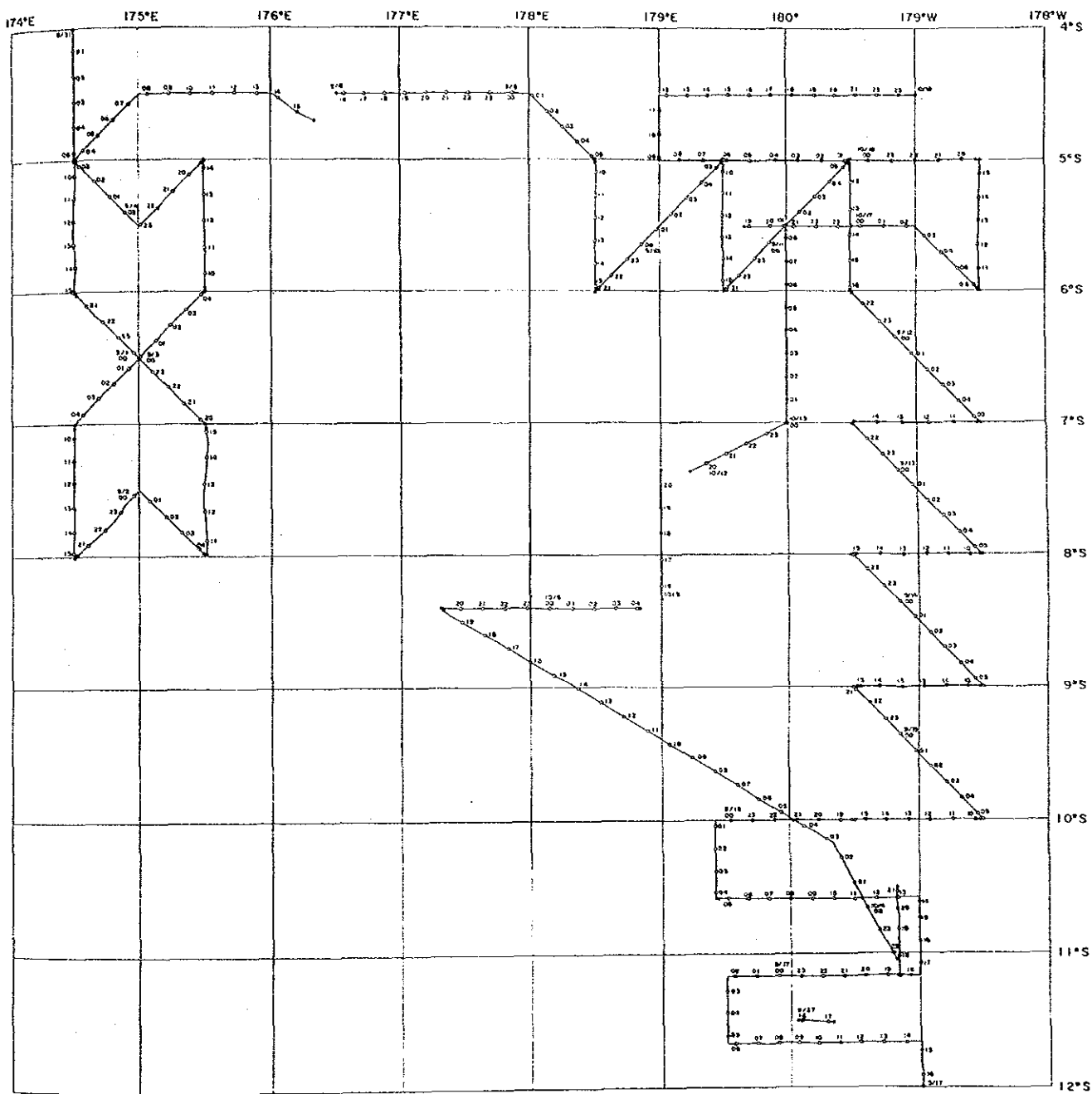
うねりの高さ月別出現頻度 (昭和63年)

(波高: 単位 m)

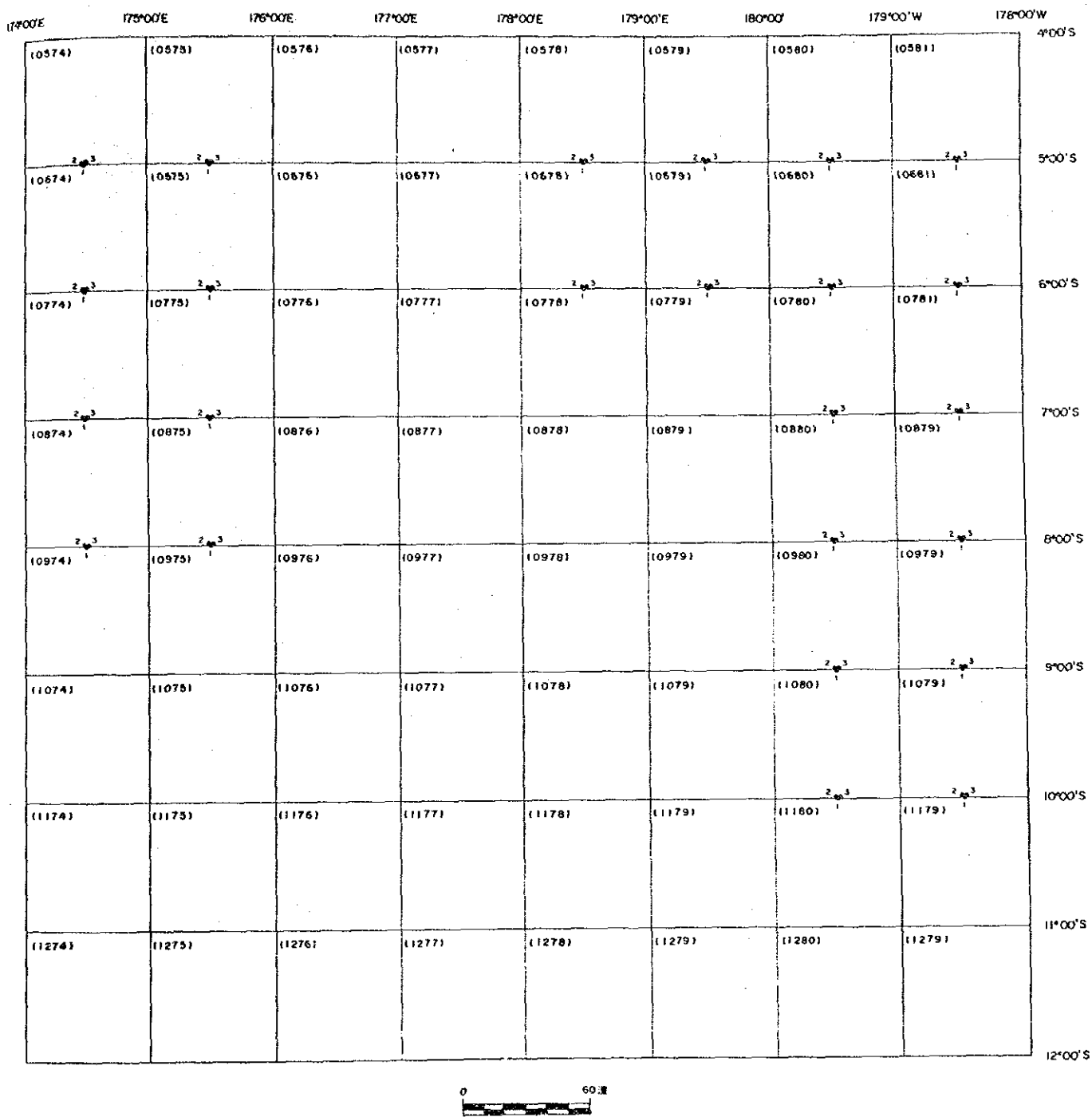
| S.H Month | 1 | 2 | 3 | 4 | 5 | Not Clear 99 | Total |
|--------------|-----------|-------|-------|------|---|--------------------|-------|
| | September | | 10 | 55 | 7 | | 72 |
| % | | 6.94 | 38.19 | 4.87 | | 50.0 | 100 |
| October | 2 | 16 | 30 | 6 | | 54 | 108 |
| % | 1.85 | 14.81 | 27.78 | 5.56 | | 50.0 | 100 |

雲量月別出現頻度 (昭和63年)

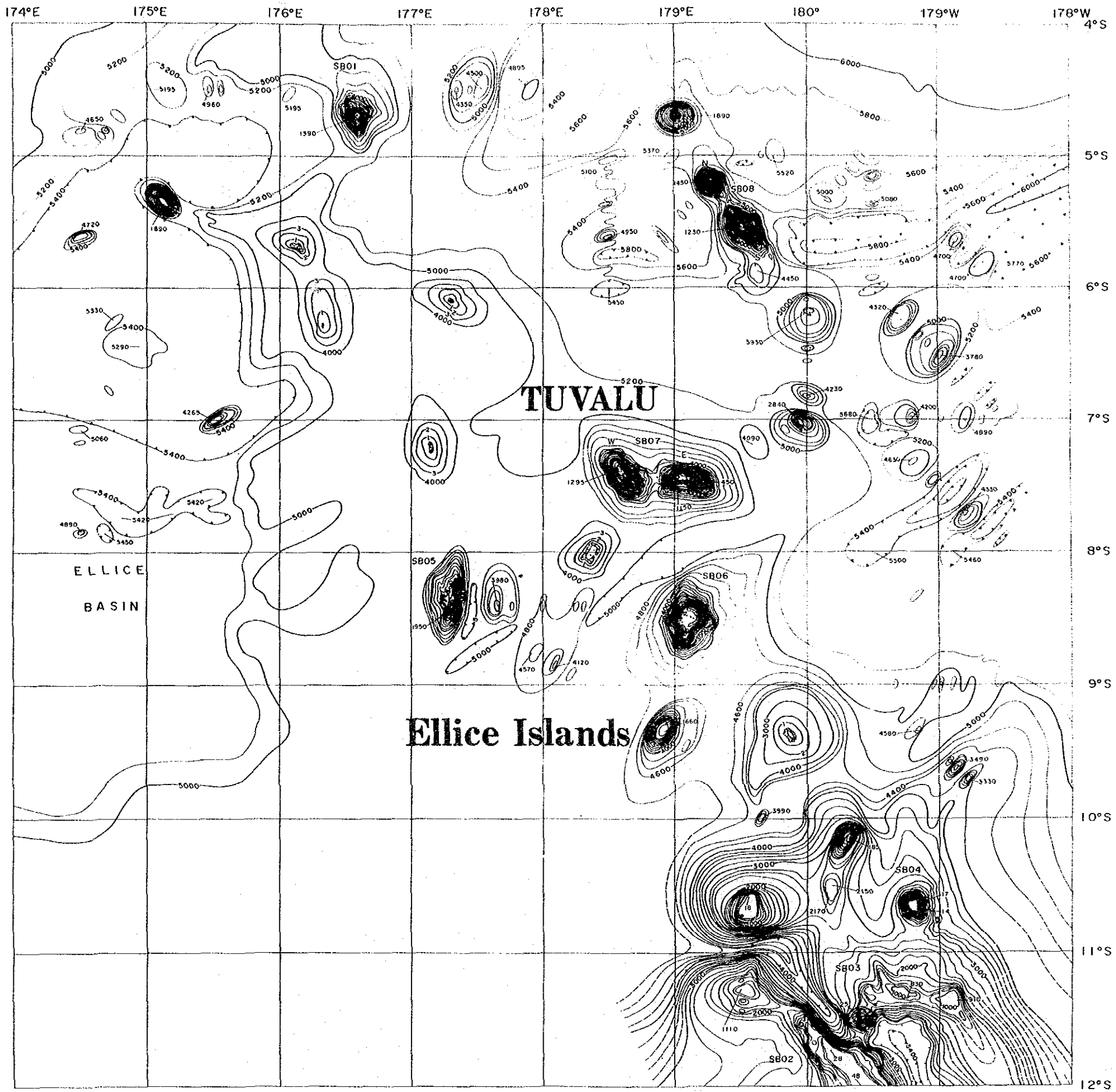
| D.C Month | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | Total |
|--------------|-----------|------|------|-------|-------|-------|-------|------|-------|------|-------|
| | September | | 7 | 43 | 180 | 116 | 106 | 45 | 33 | 46 | |
| % | | 1.22 | 7.47 | 31.25 | 20.14 | 18.40 | 7.81 | 5.72 | 7.99 | | 100 |
| October | | | 11 | 84 | 91 | 93 | 66 | 36 | 50 | 1 | 432 |
| % | | | 2.55 | 19.44 | 21.06 | 21.54 | 15.28 | 8.33 | 11.57 | 0.23 | 100 |



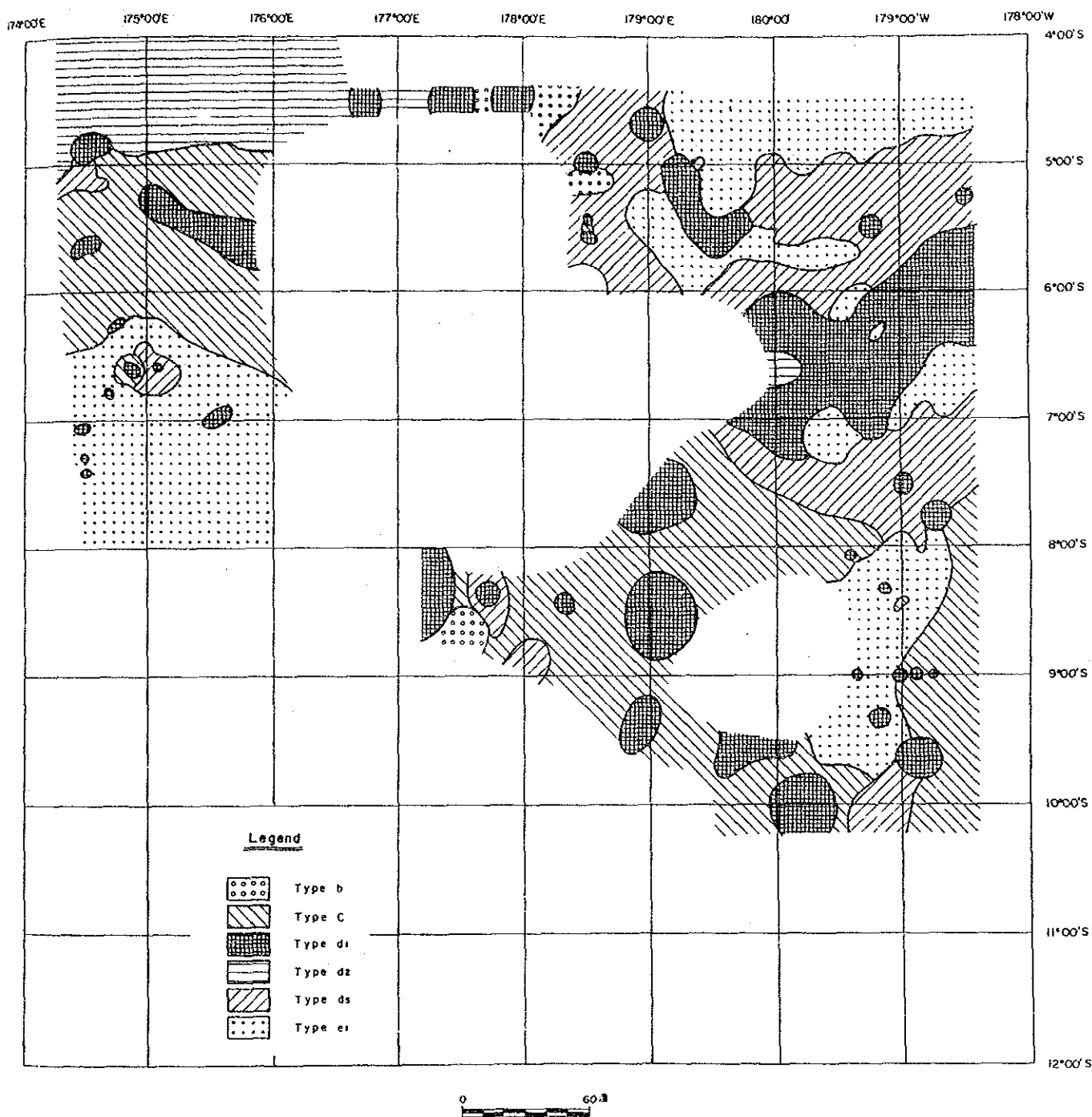
別添 第 1 図 航跡図



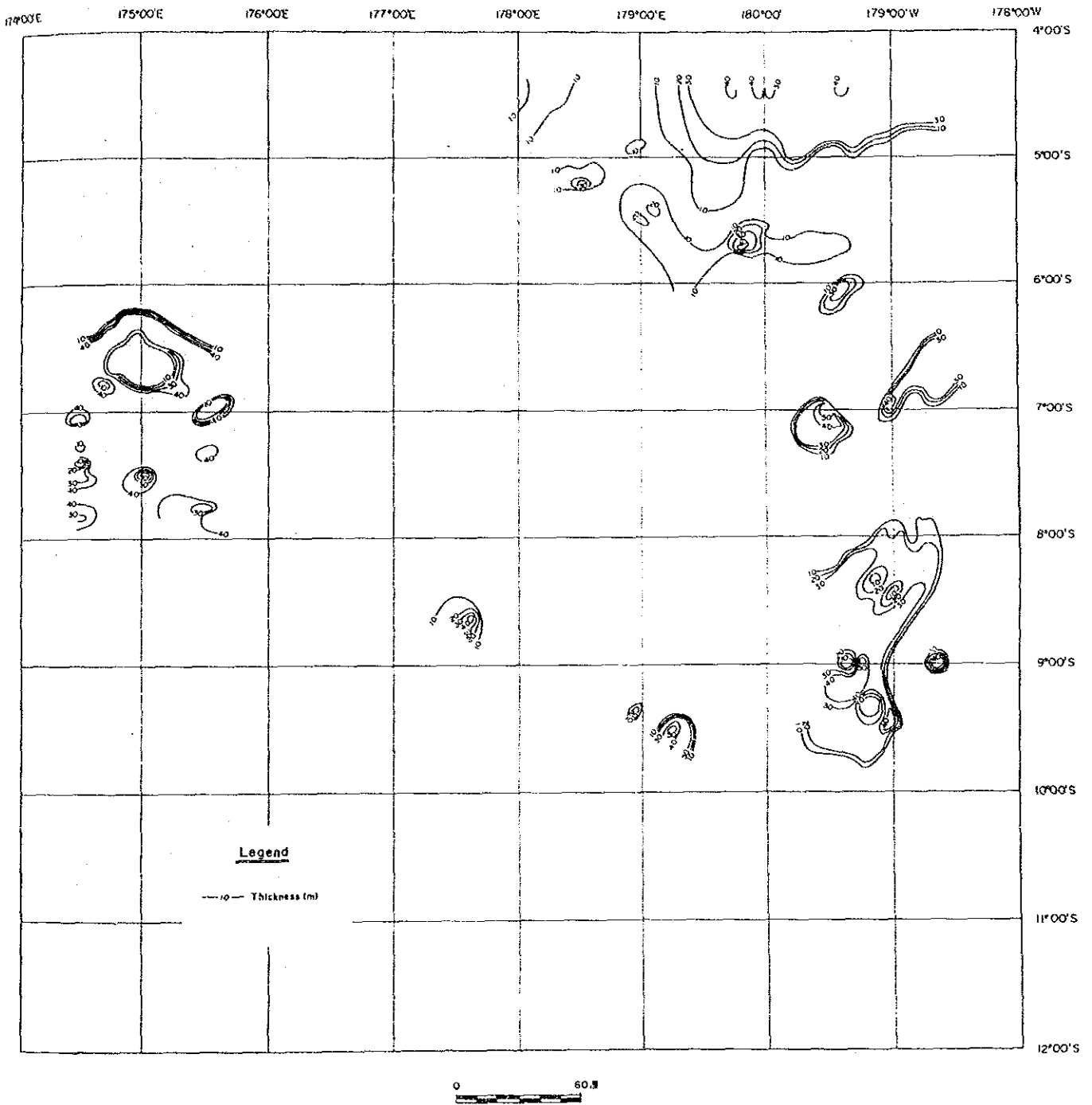
別添 第 2 図 採試点位置図



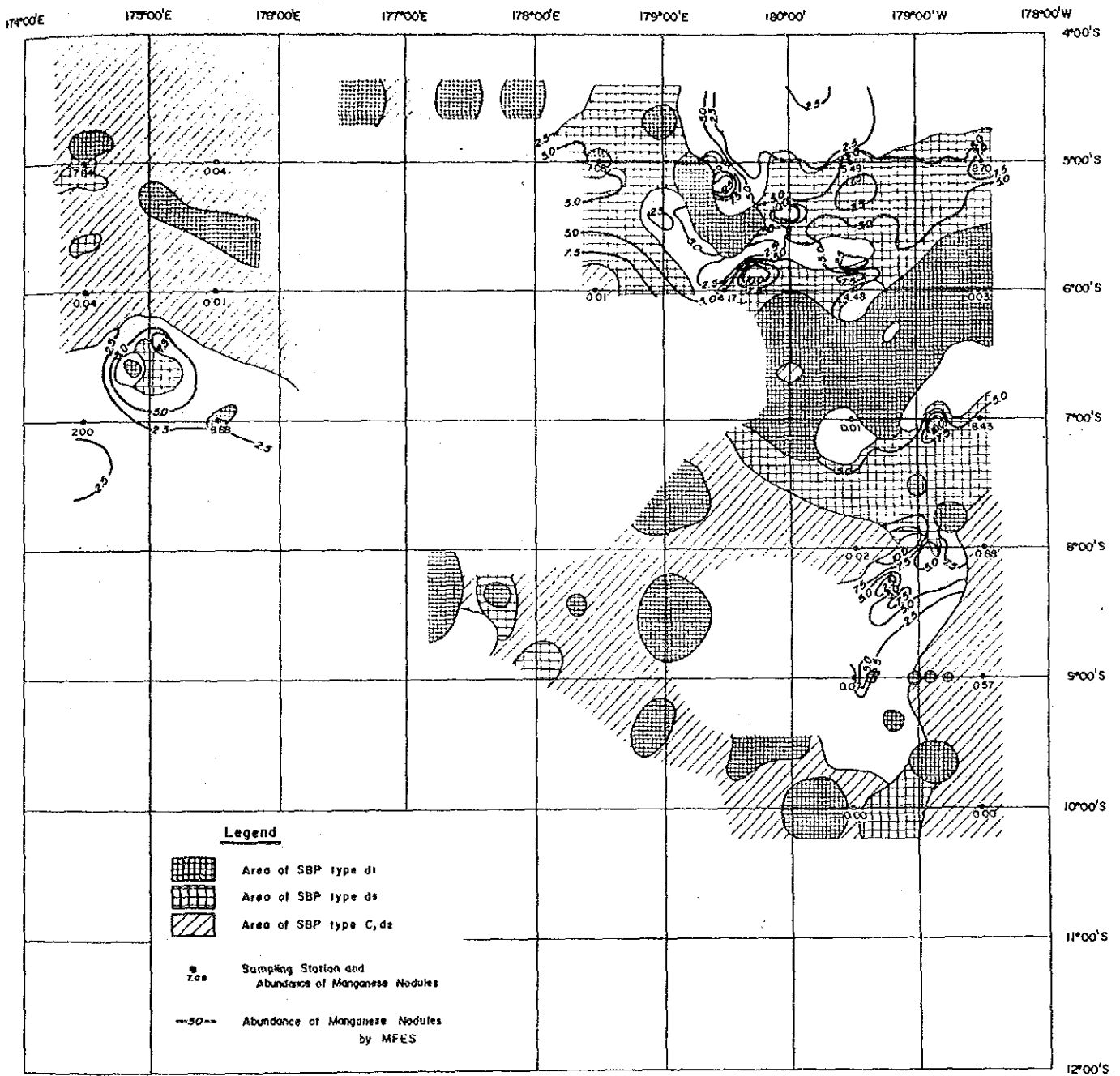
別添 第 3 図 海底地形図



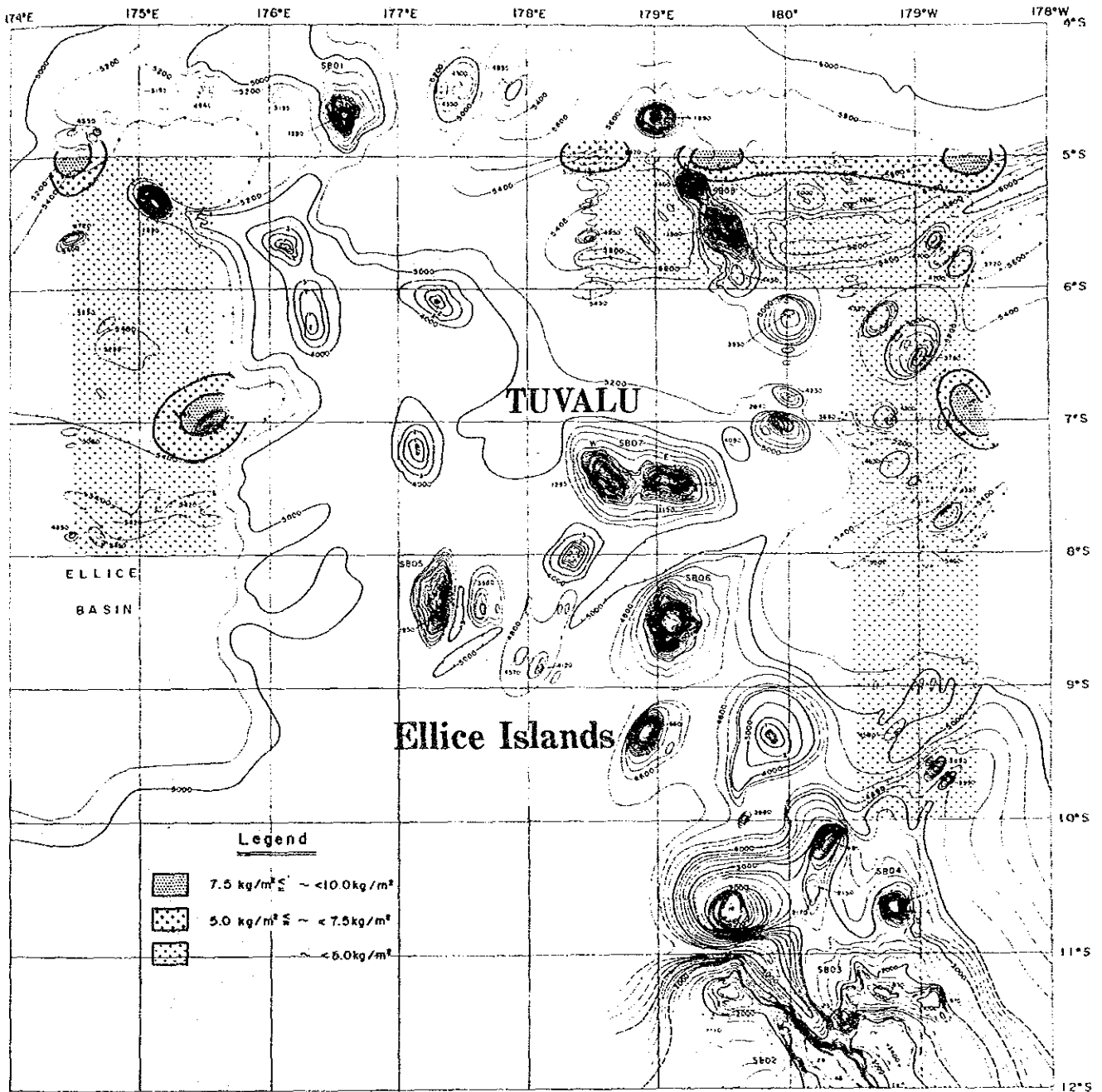
別添 第 4 図 SBP タイプ分布図



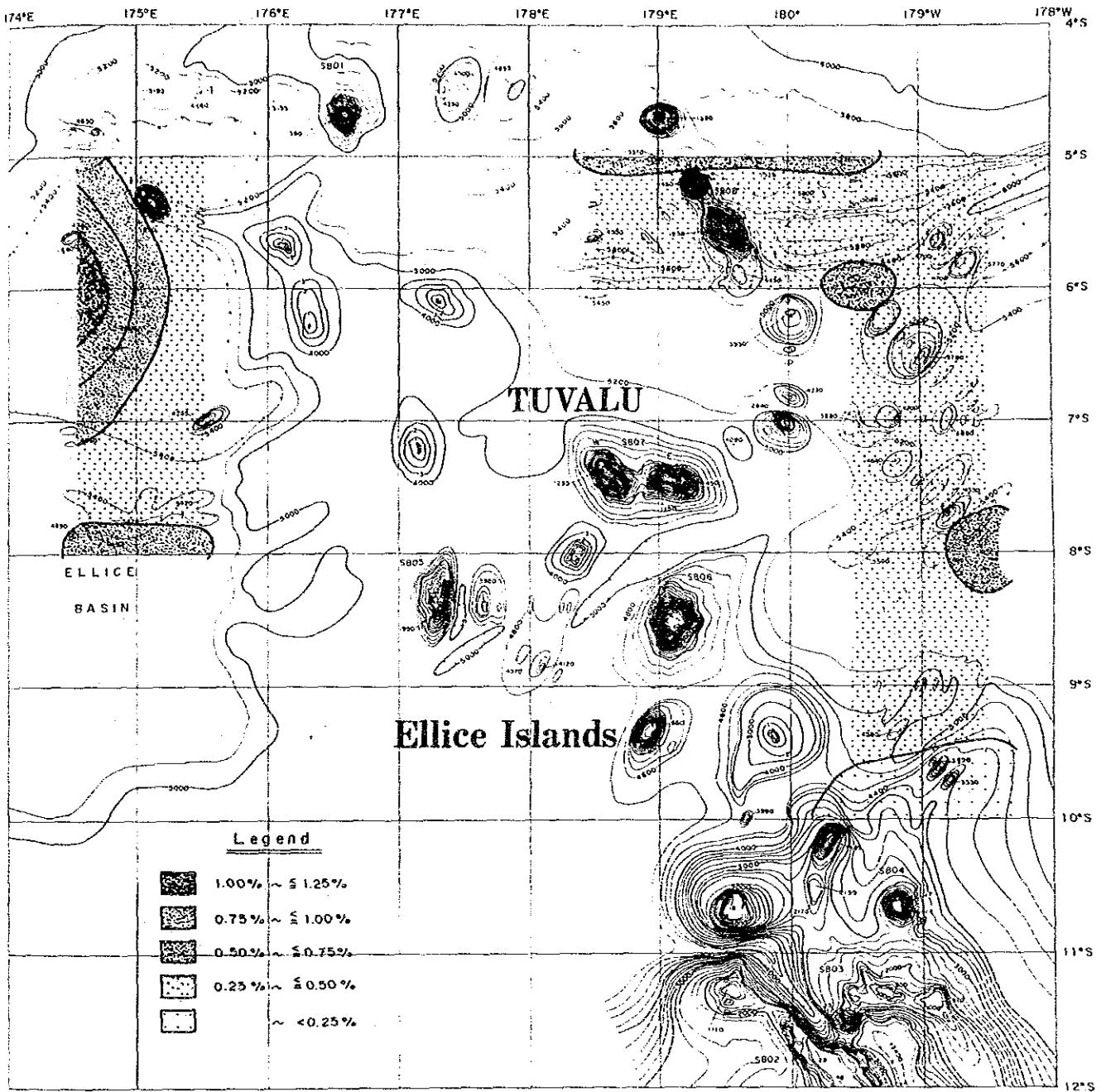
別添 第 5 図 SBP 上位透明層等層厚線図



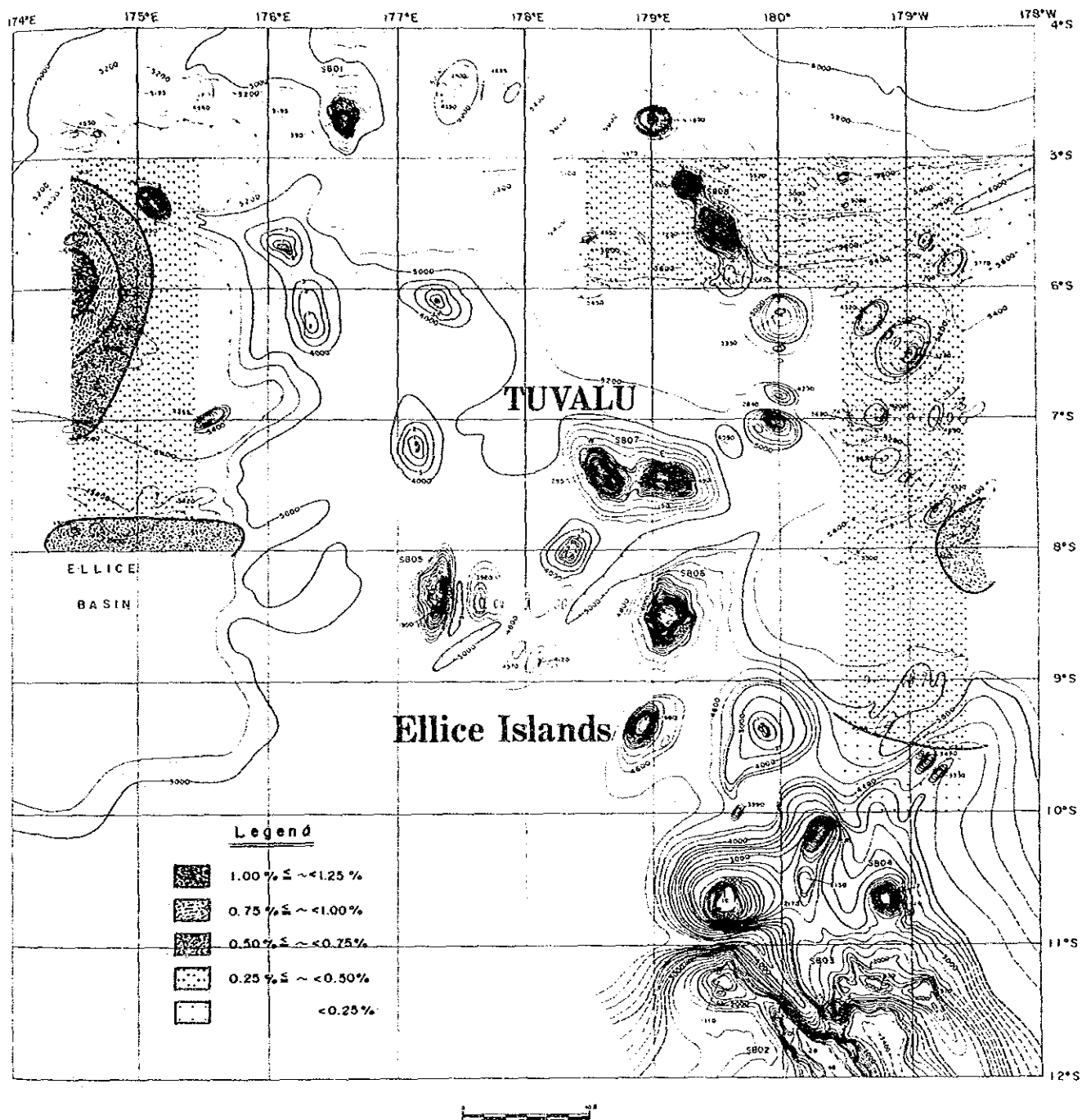
別添 第 6 図 MFES による推定マンガン団塊分布密度図



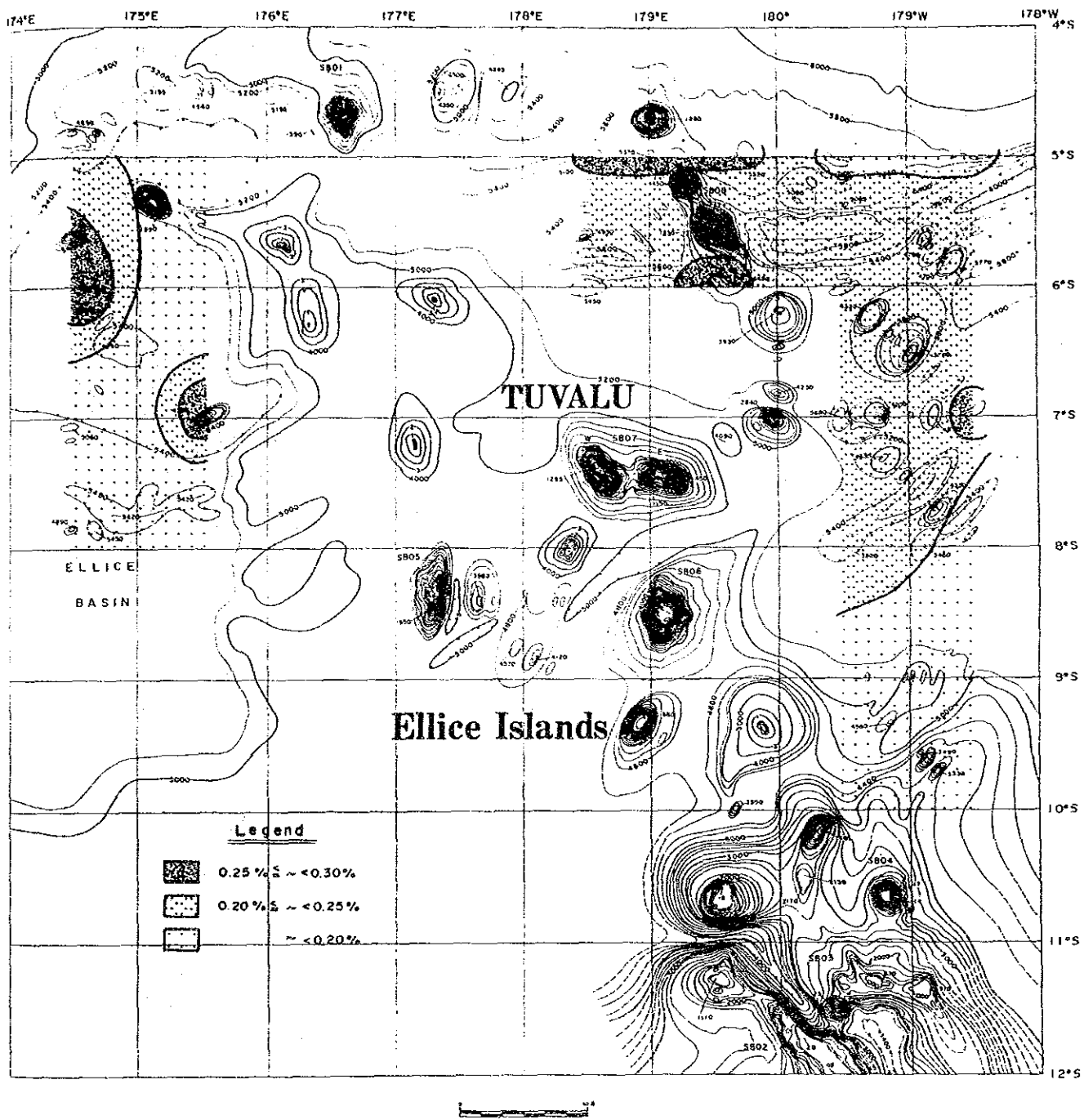
別添 第 7 図 マンガン団塊分布密度図



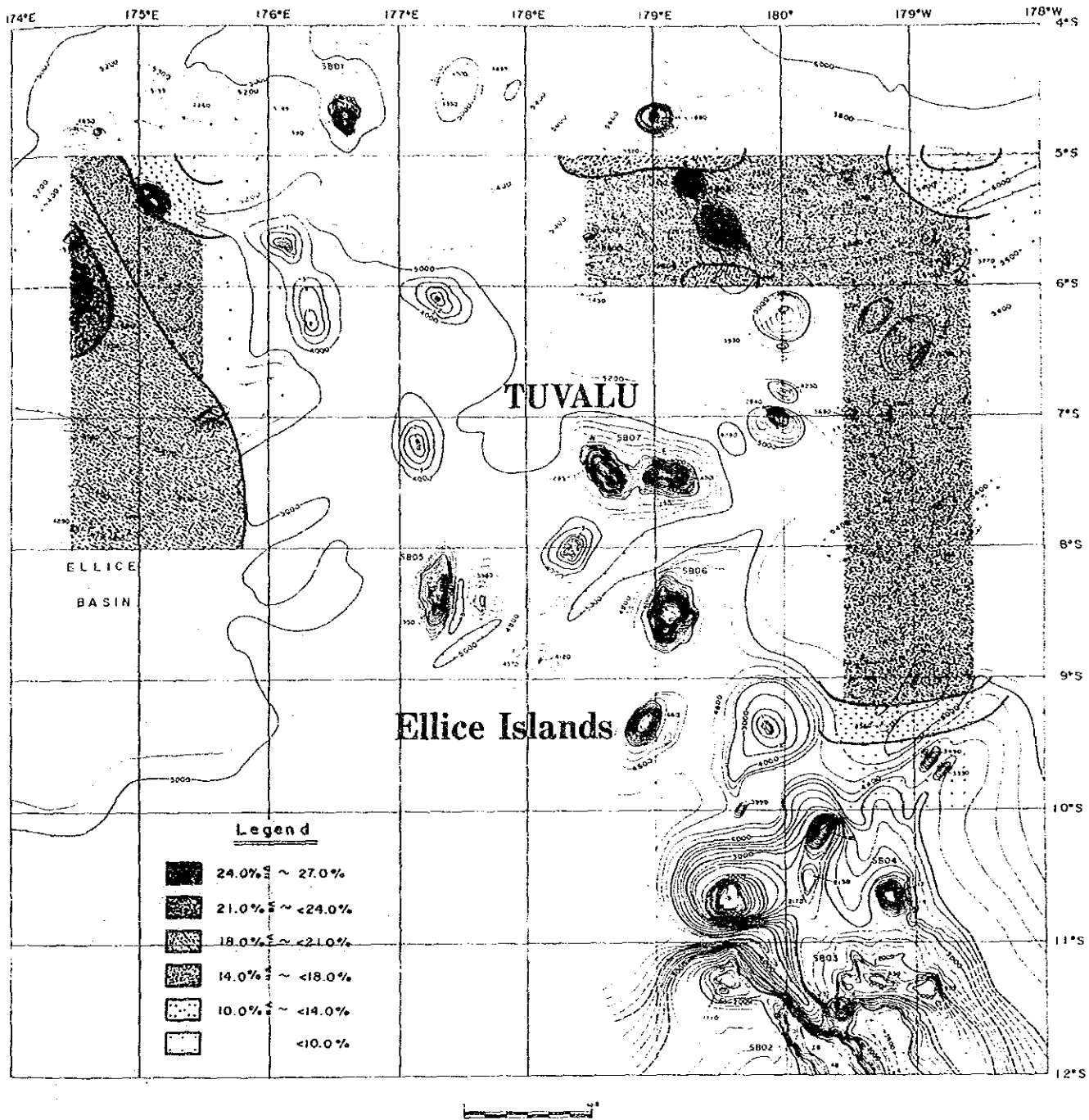
別添 第 8 図 Ni等品位図



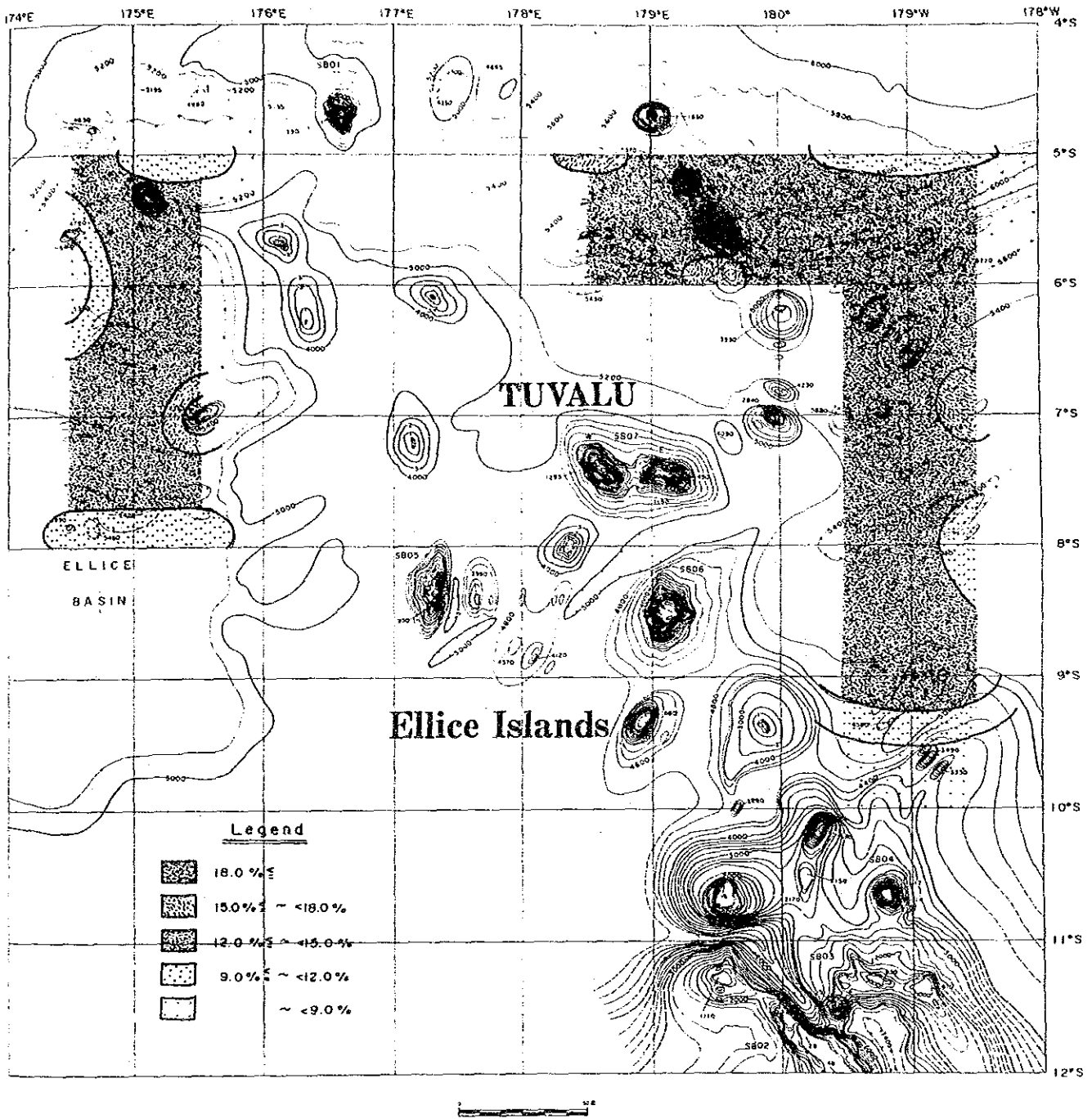
別添 第 9 図 Cu等品位図



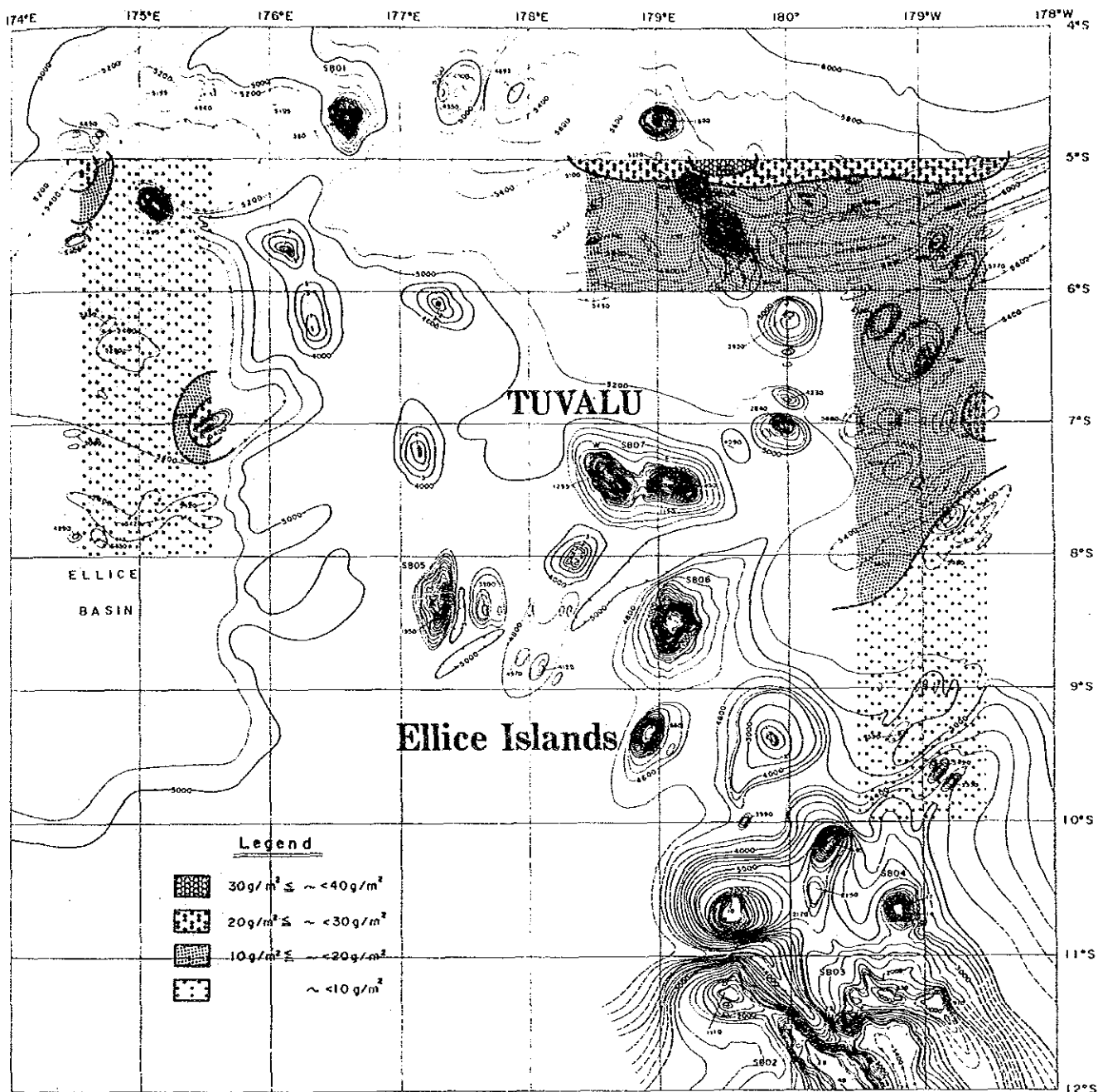
別添 第 10 図 Co 等品位図



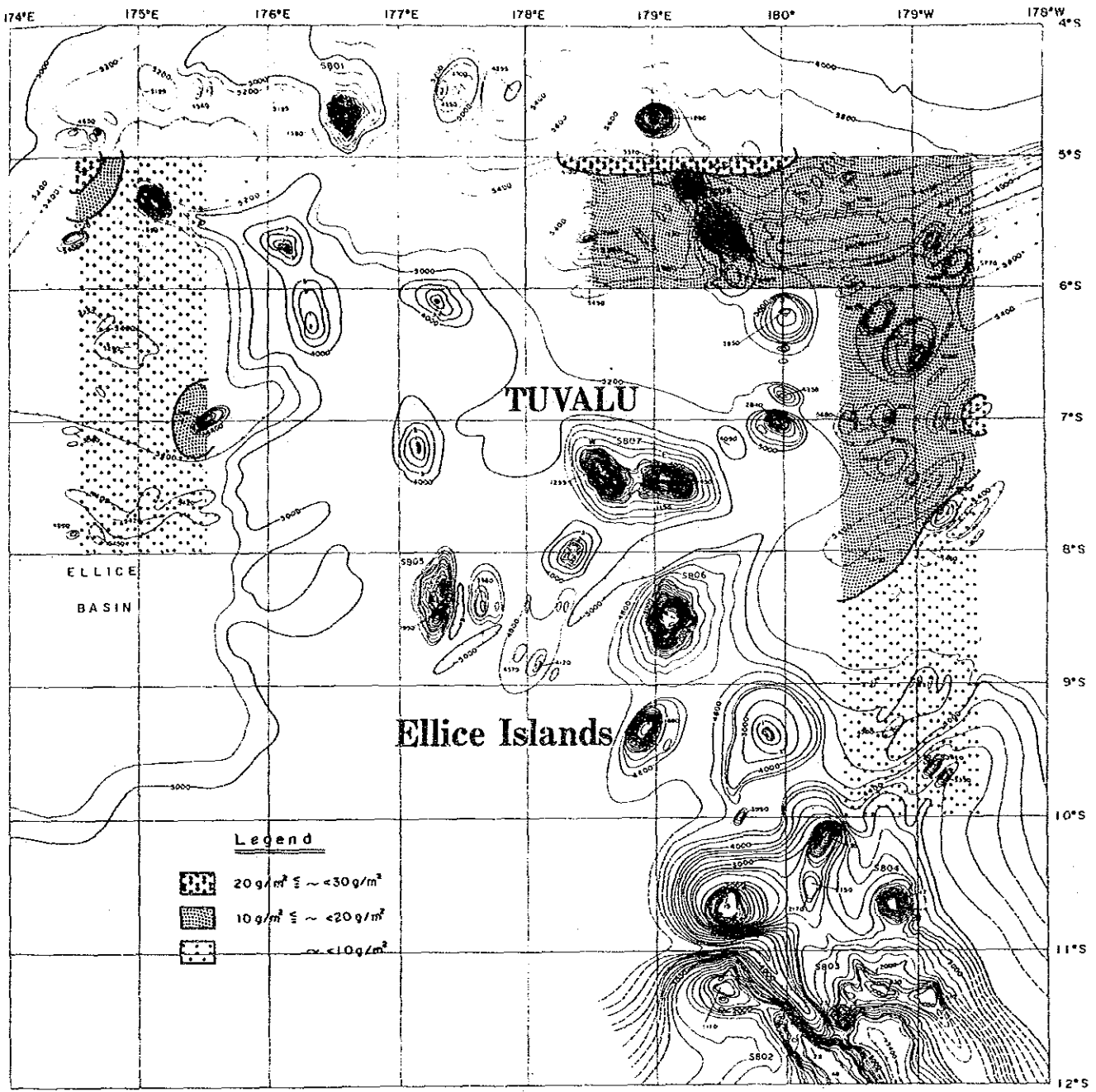
別添 第 11 図 Mn 等品位図



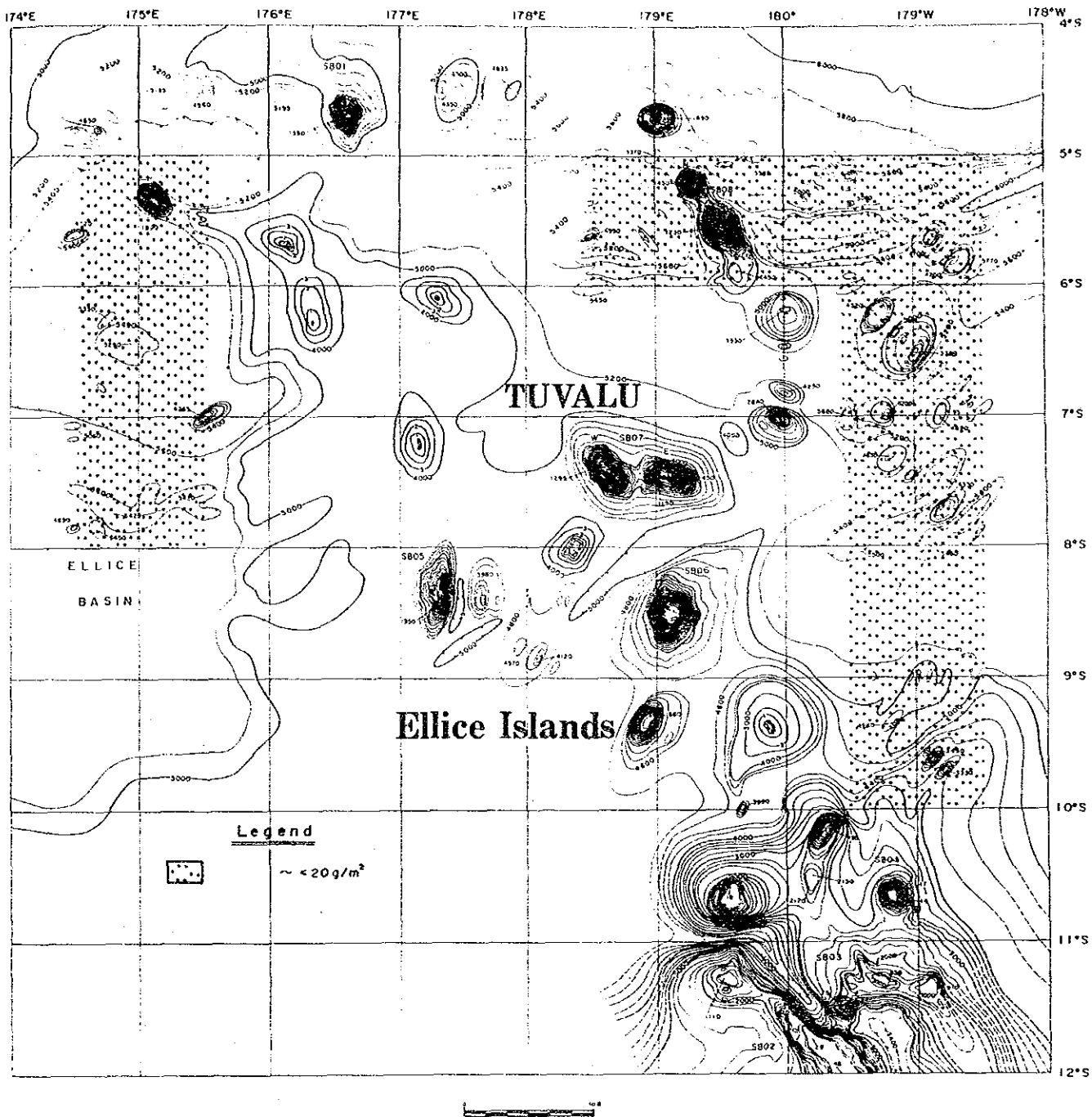
別添 第 12 図 Fe 等品位図



別添 第 13 図 Ni金属量図

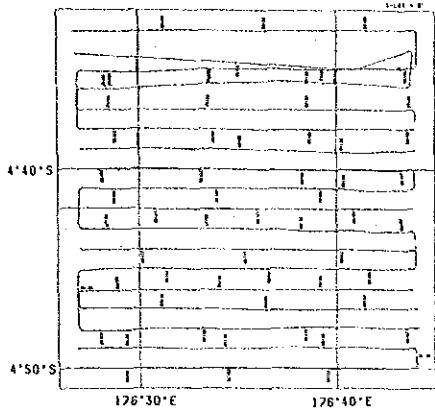


別添 第 14 図 Cu 金属量図

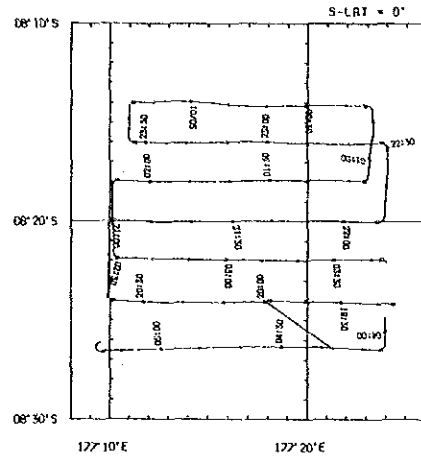


別添 第 15 図 Co 金属量図

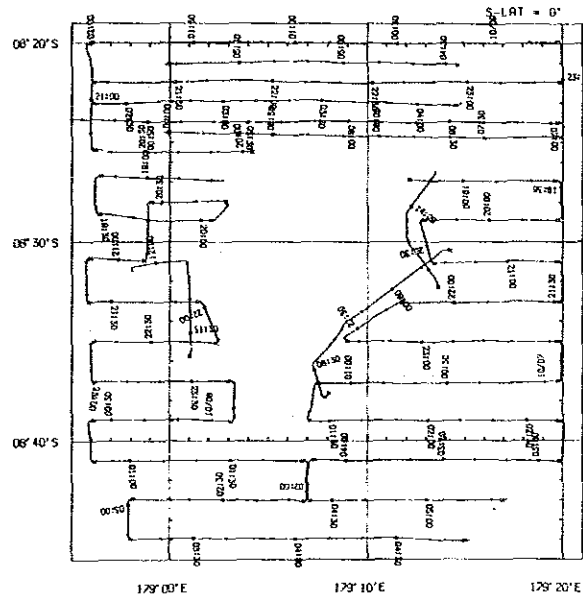
SB 01



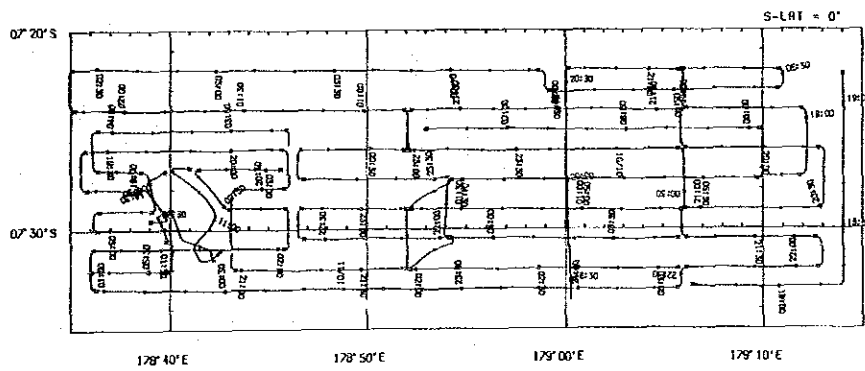
SB 05



SB 06

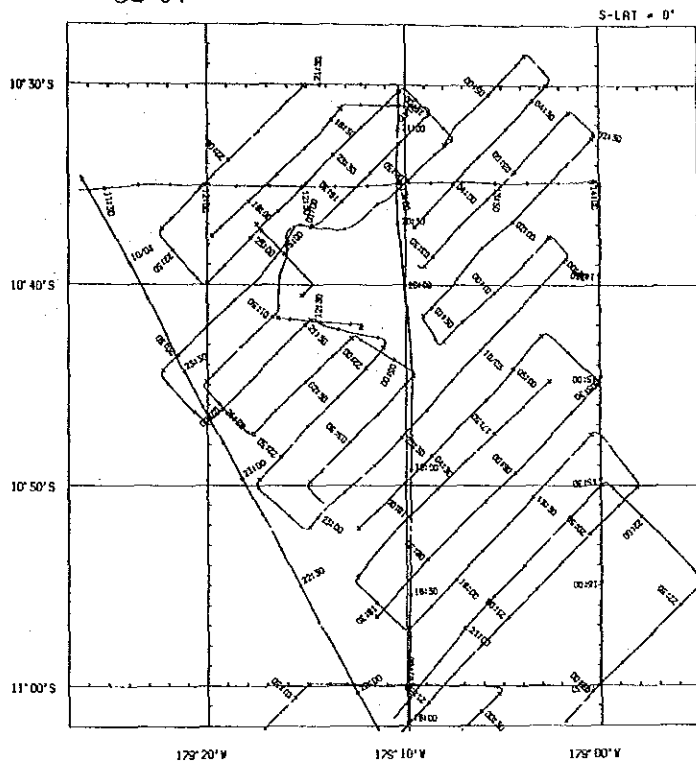


SB 07

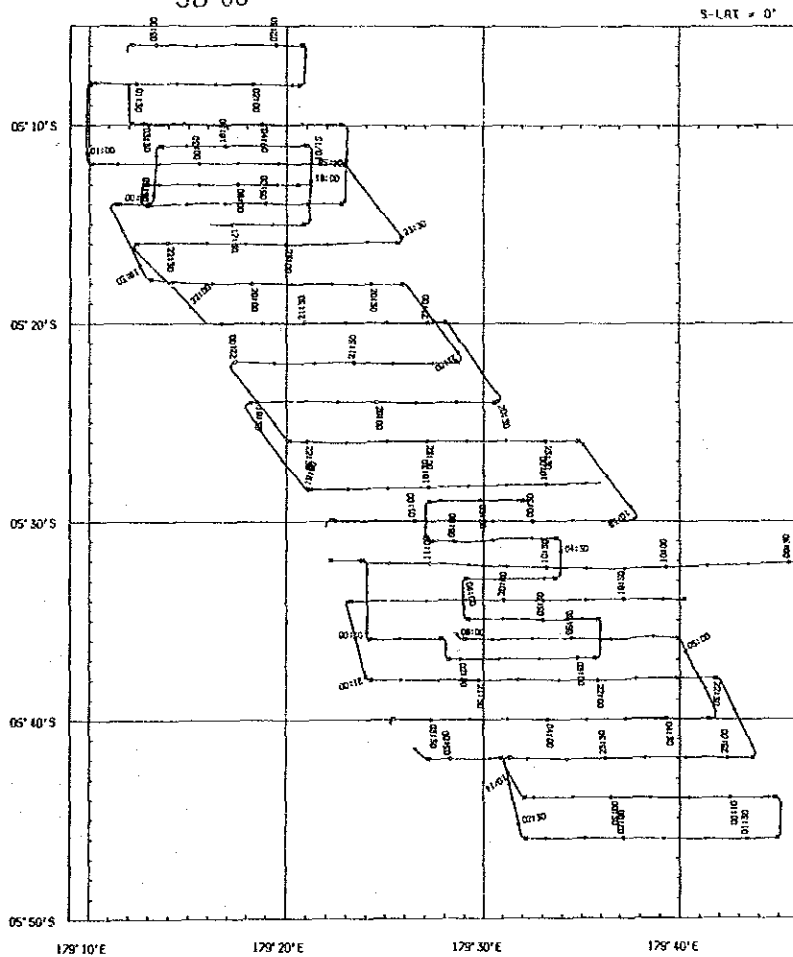


別添 第 16 図 海山別航跡図 (1)

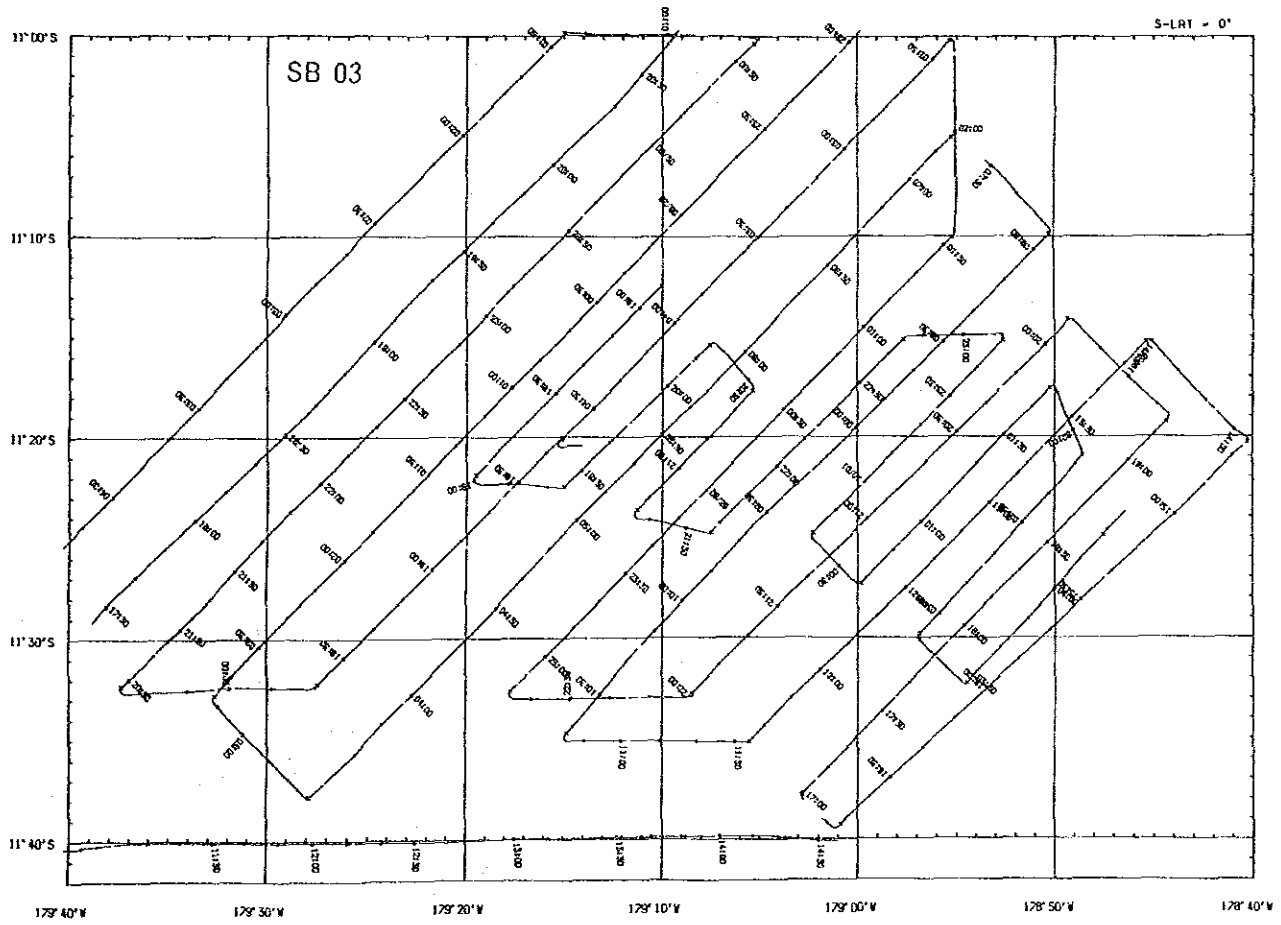
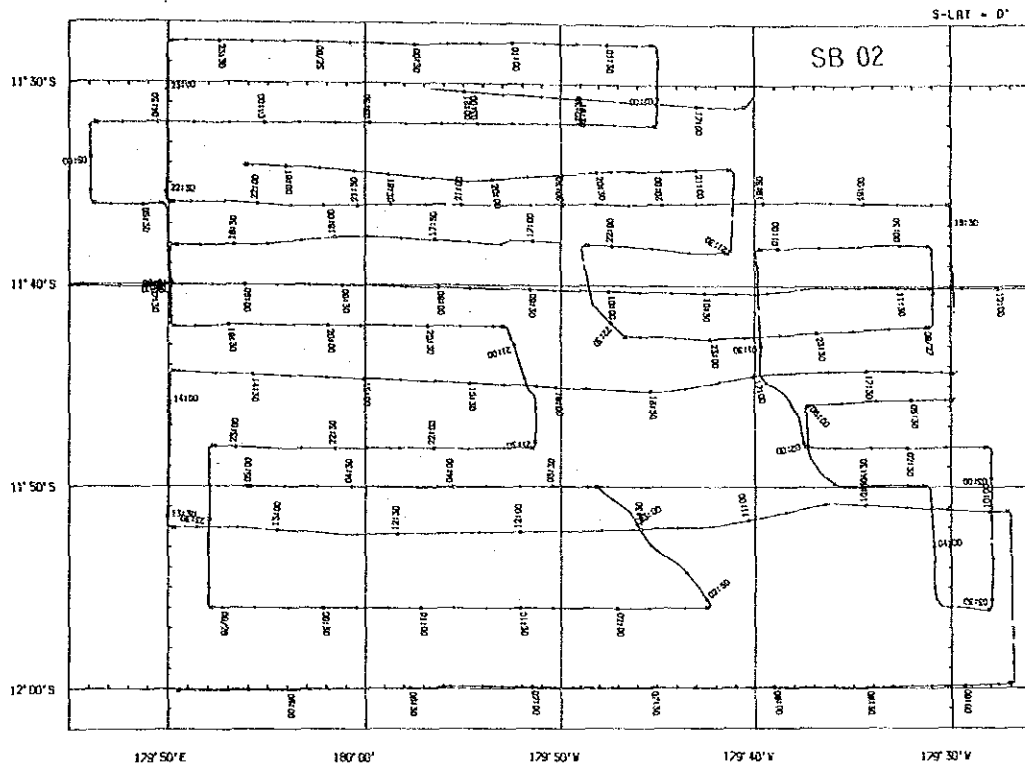
SB 04



SB 08



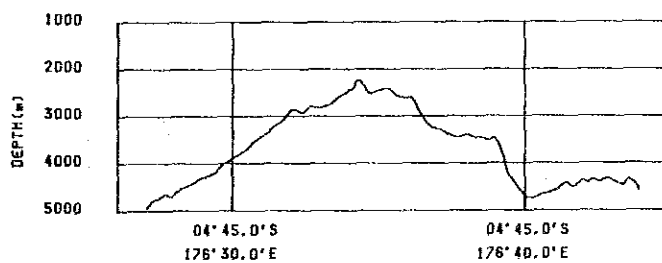
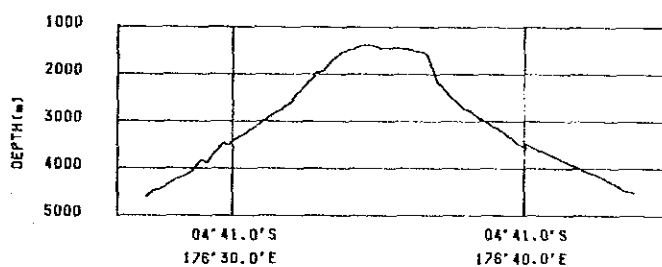
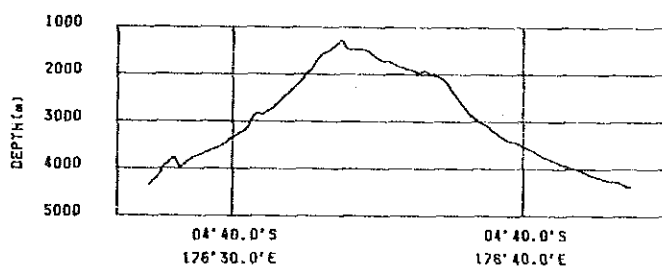
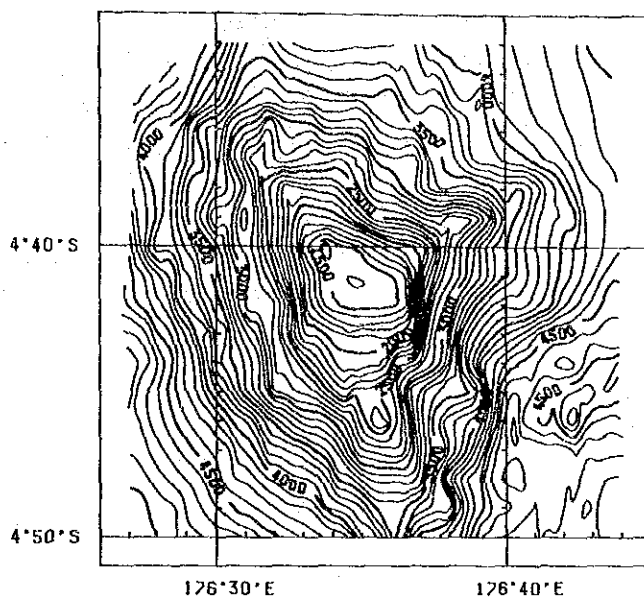
別添 第 16 図 海山別航跡図 (2)



別添 第 16 図 海山別航跡図 (3)

SB-01 '88

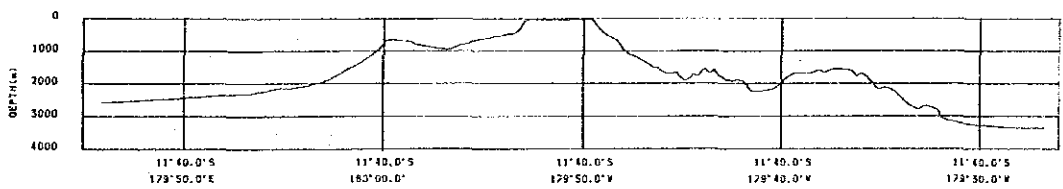
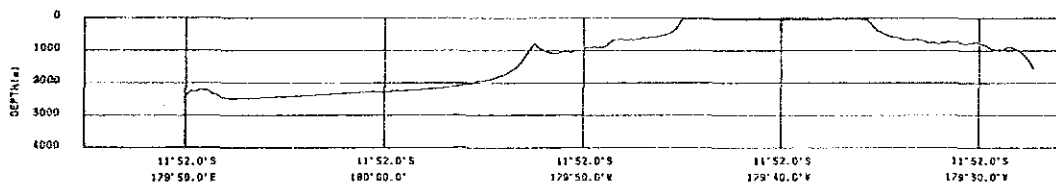
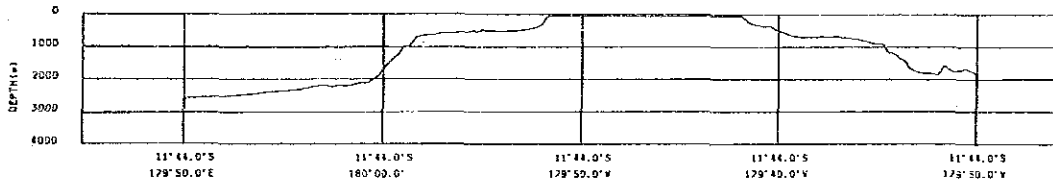
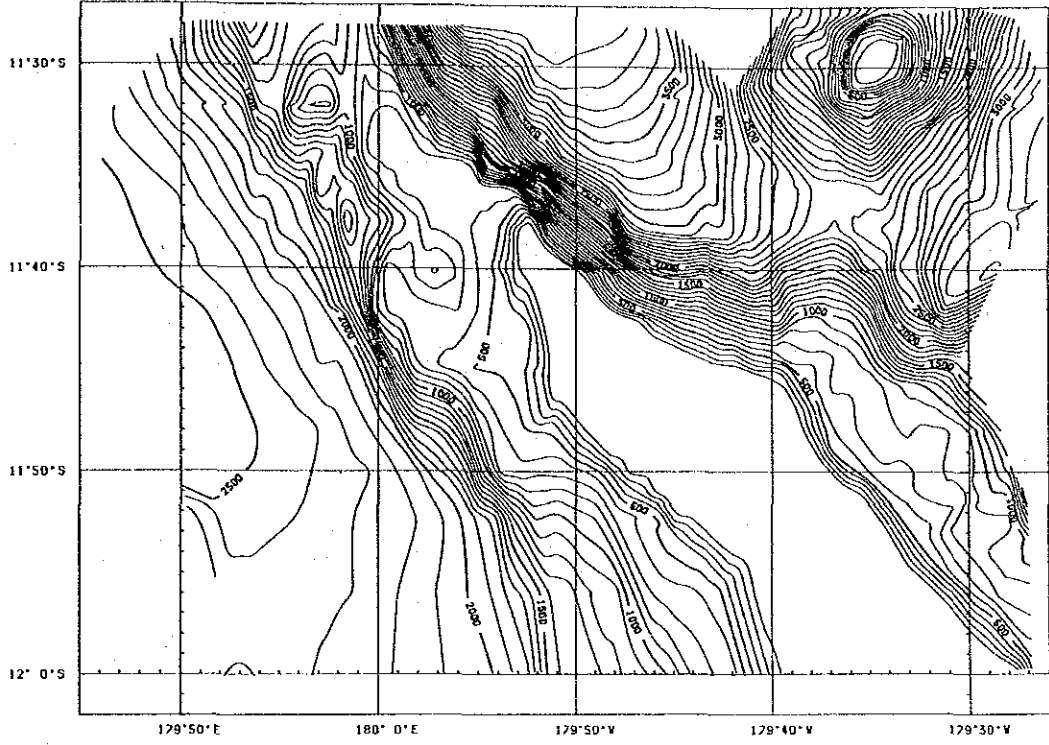
S-LAT = 0°



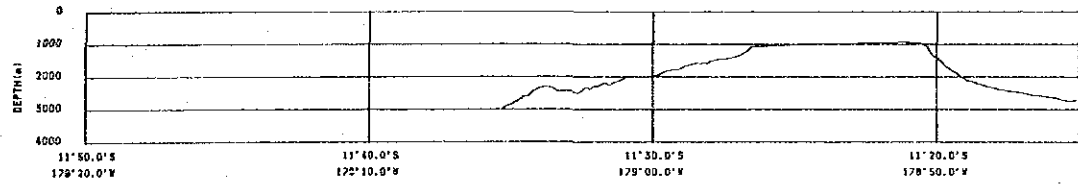
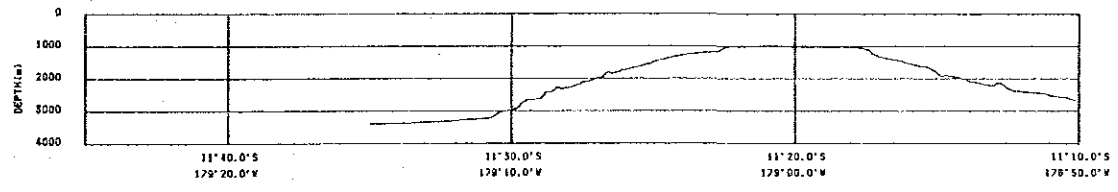
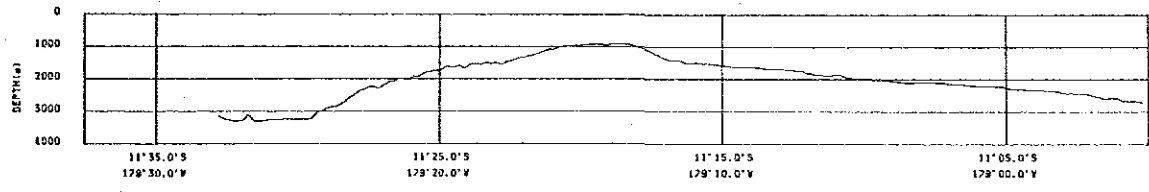
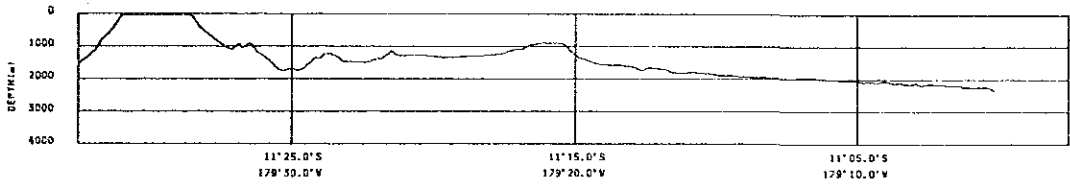
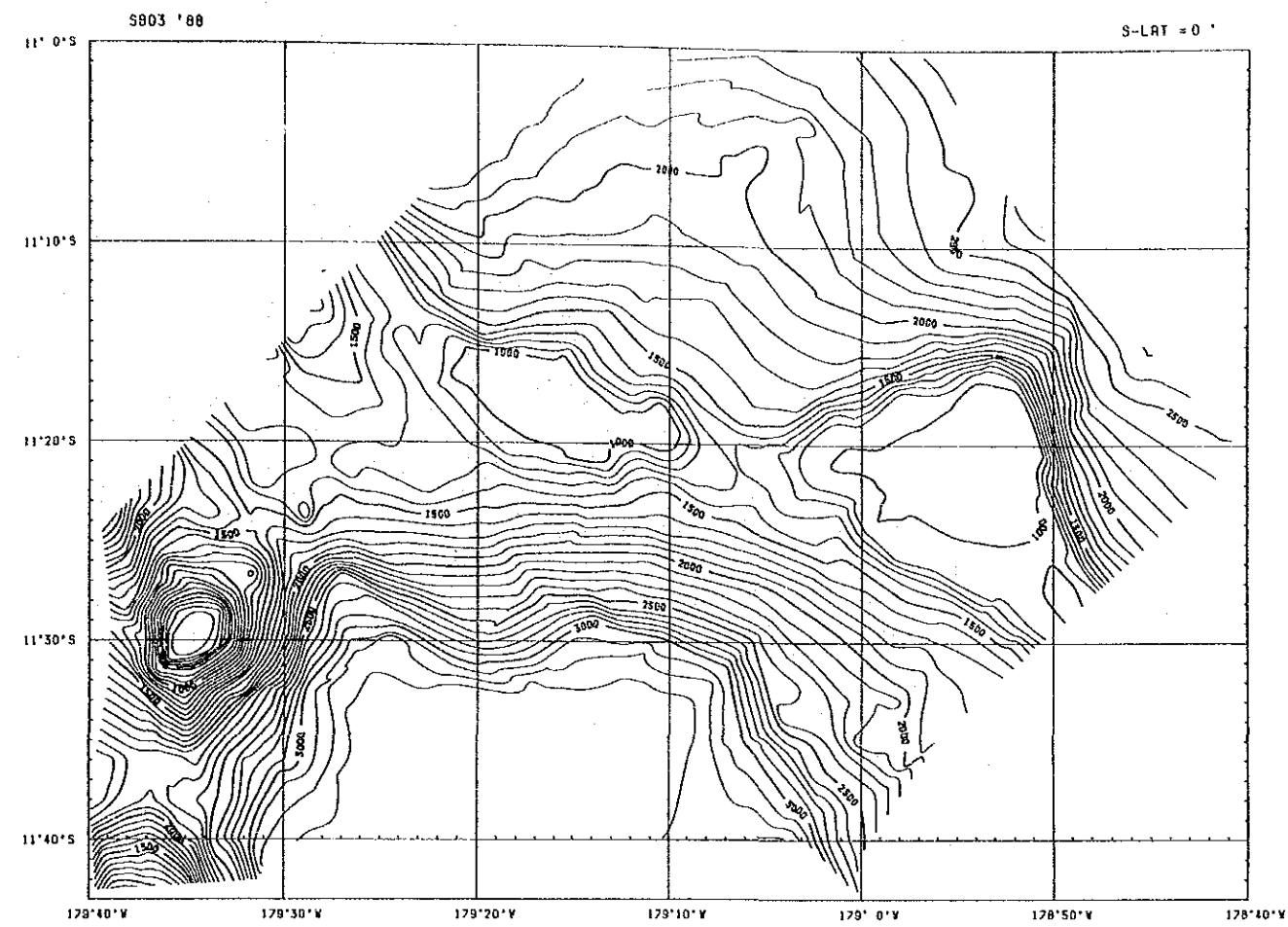
別添 第 17 図 海山別地形平面図及び断面図 (1)

SB02 '08

S-LAT = 0 °



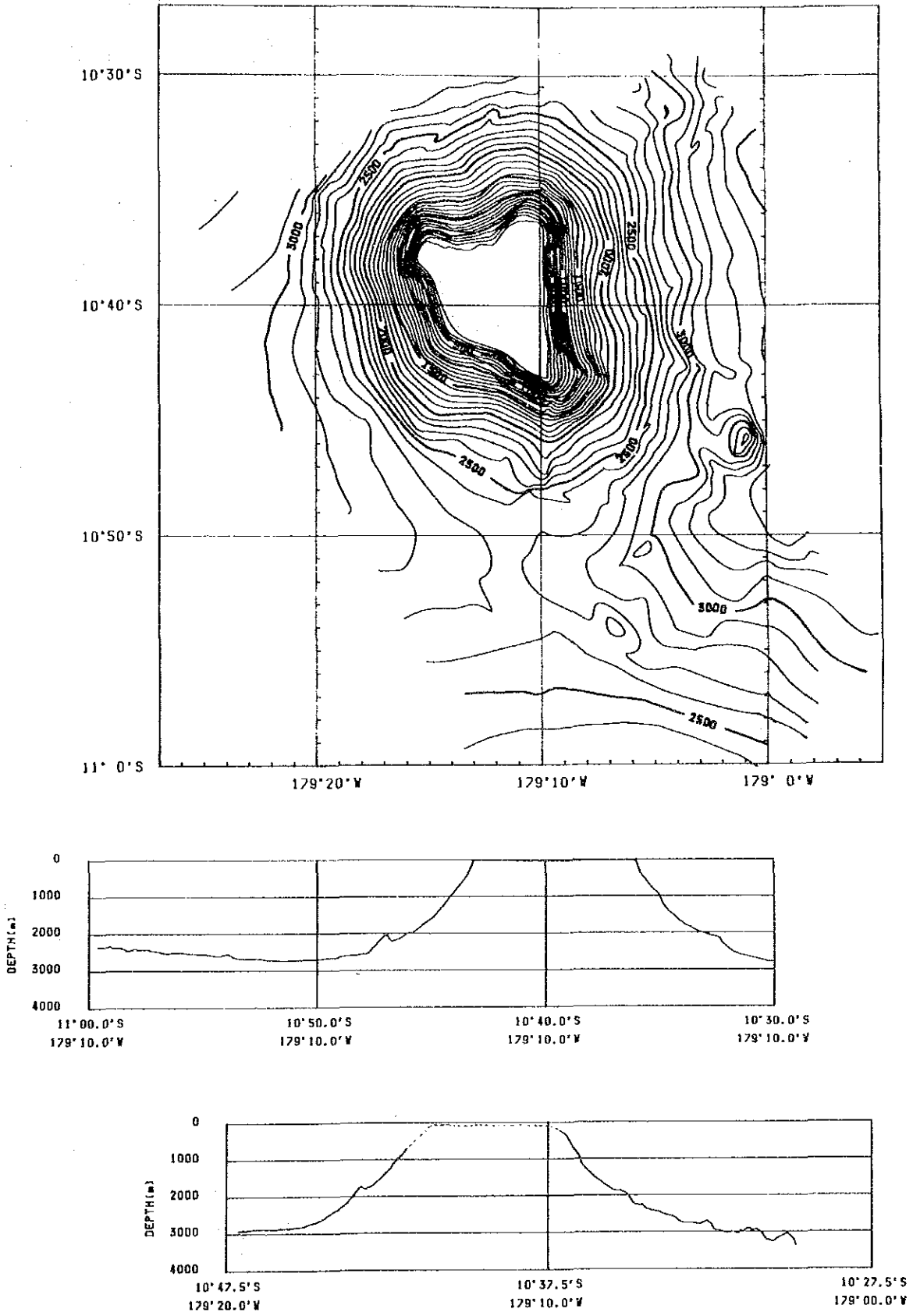
別添 第 17 図 海山別地形平面図及び断面図 (2)



別添 第 17 図 海山別地形平面図及び断面図 (3)

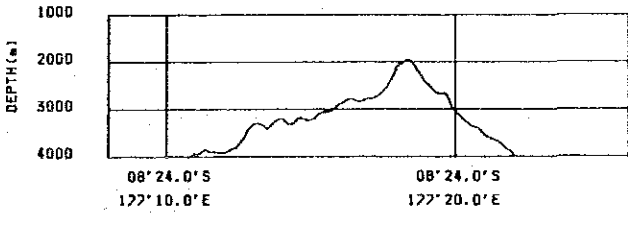
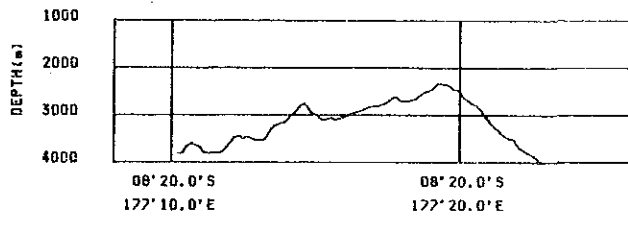
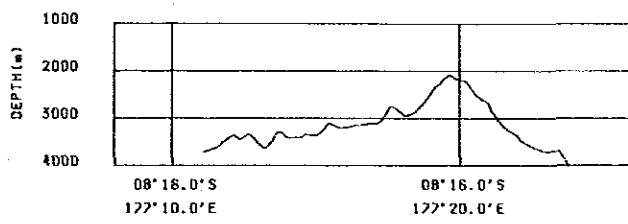
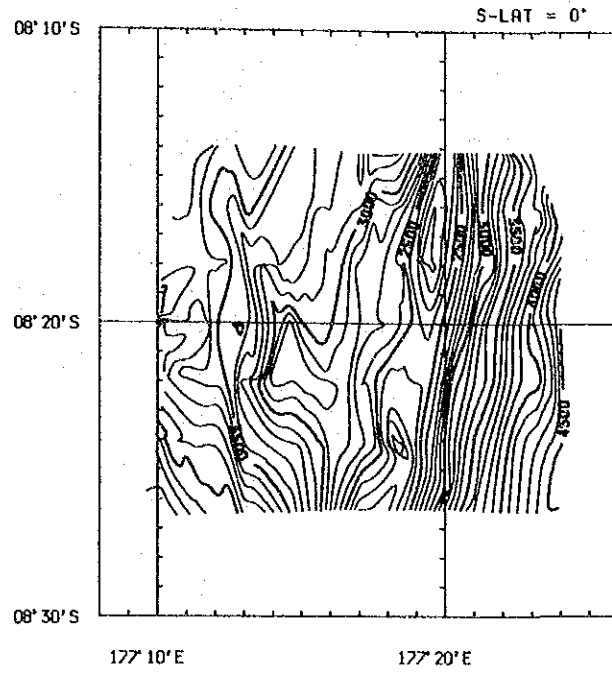
SB04 '88

S-LAT = 0'



別添 第 17 図 海山別地形平面図及び断面図 (4)

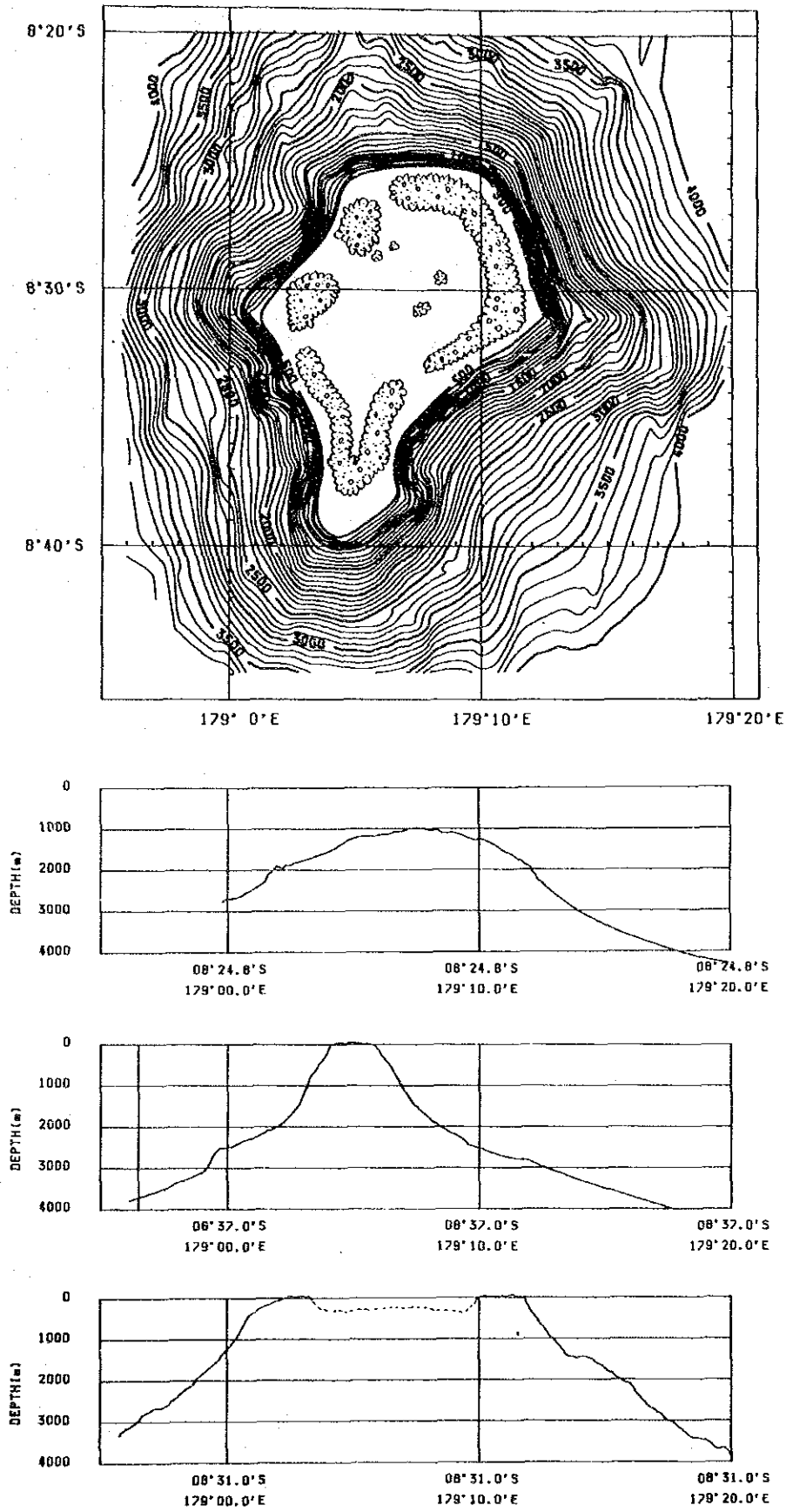
SB05 '08



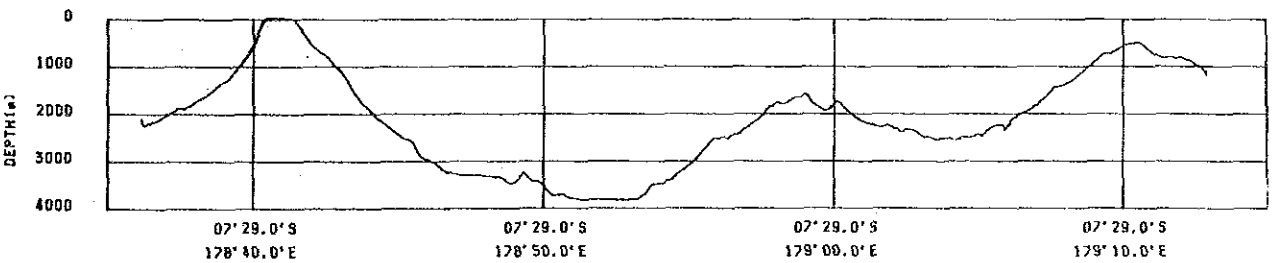
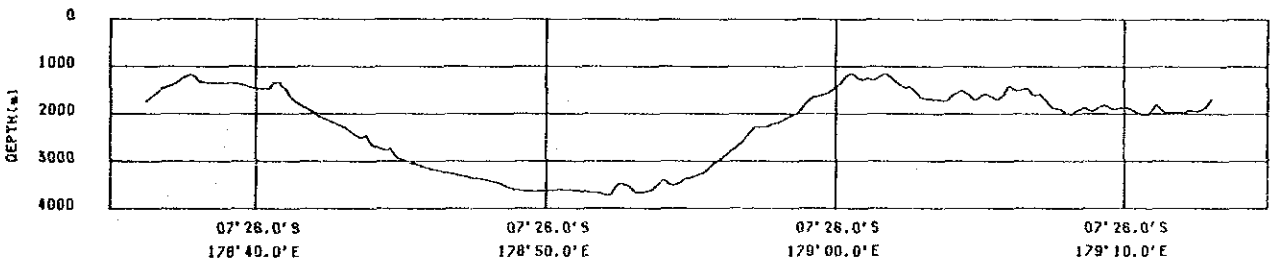
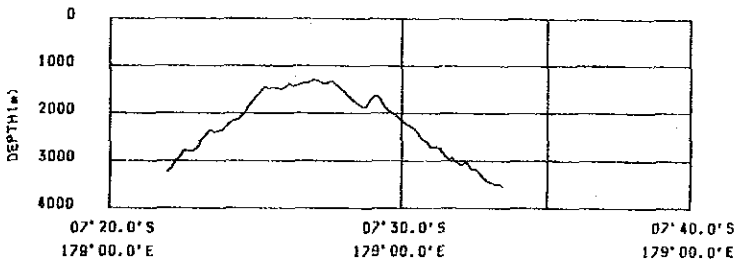
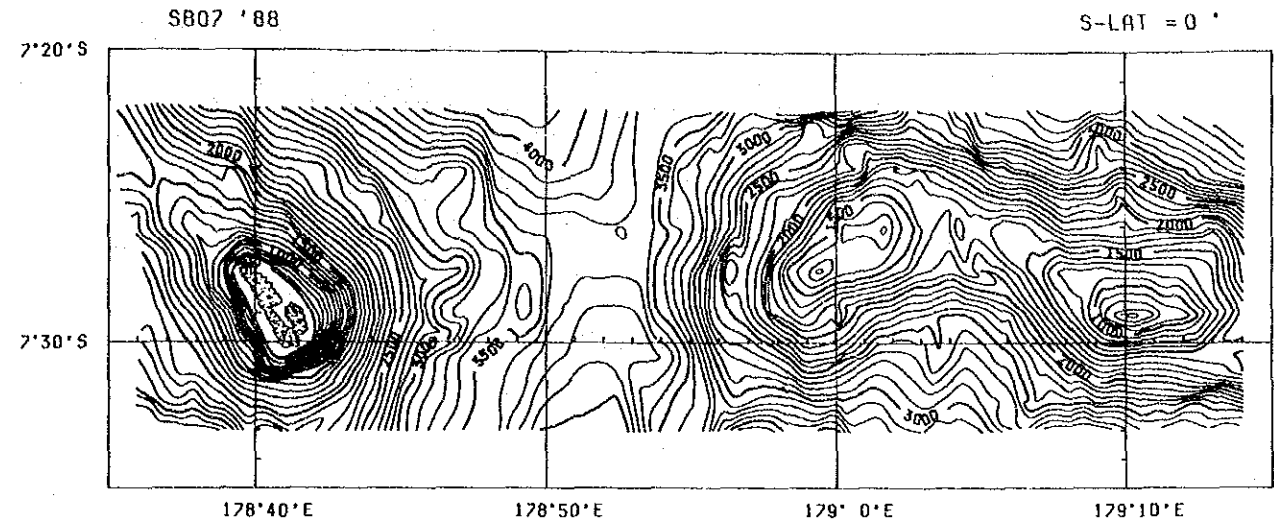
別添 第 17 図 海山別地形平面図及び断面図 (5)

SB06 '88

S-LAT = 0°



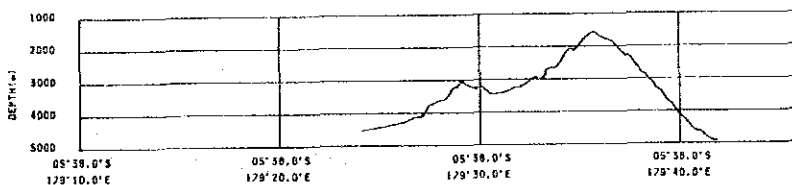
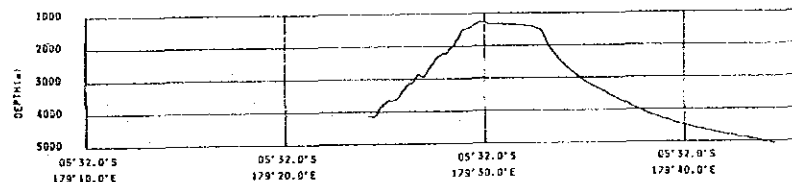
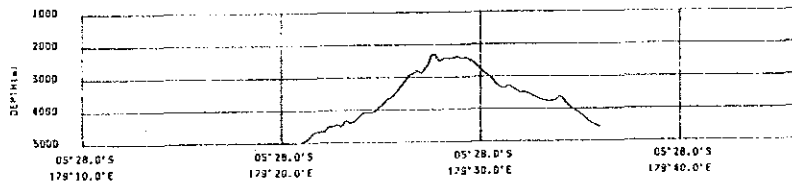
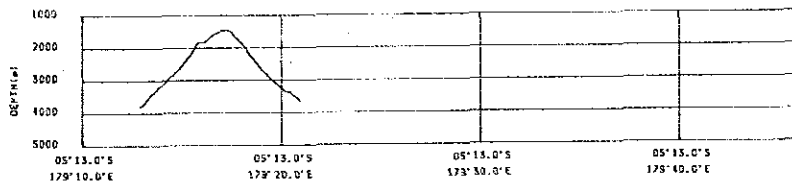
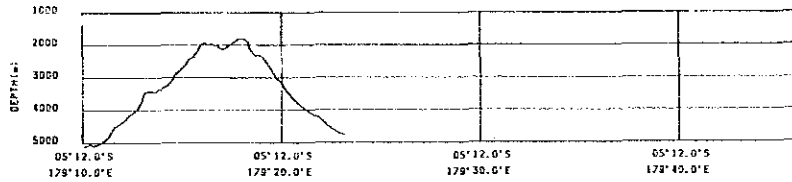
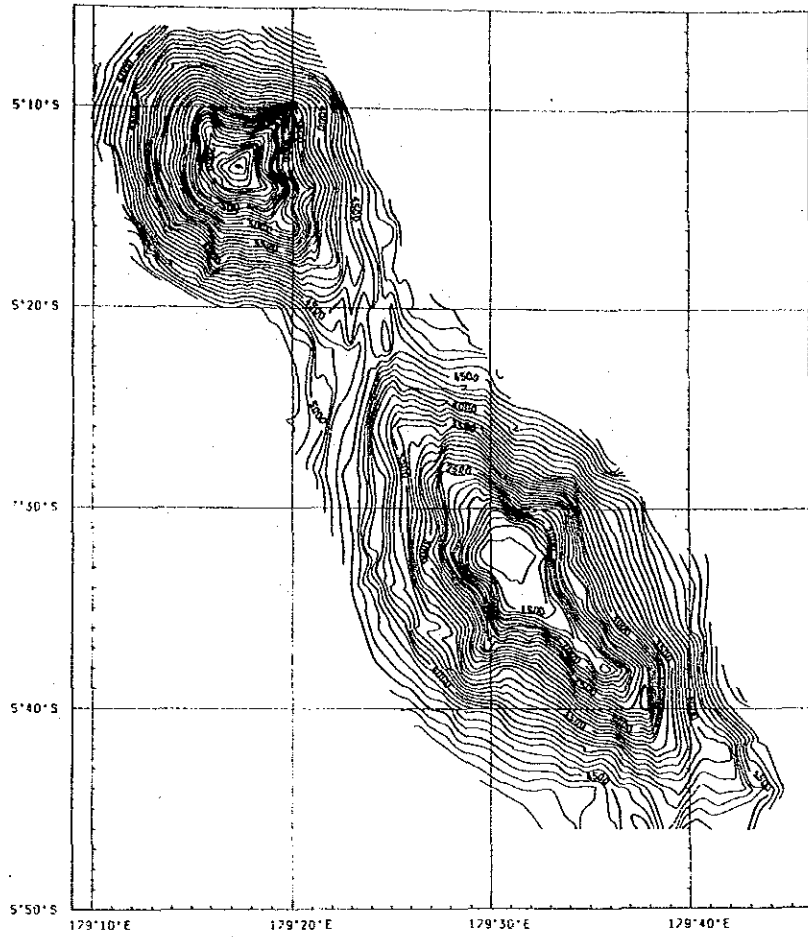
別添 第 17 図 海山別地形平面図及び断面図 (6)



別添 第 17 図 海山別地形平面図及び断面図 (7)

SB08 '88

S-LAT = 0 °

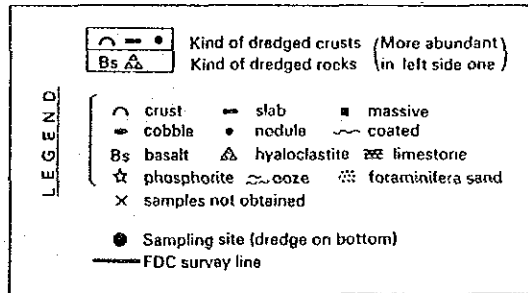
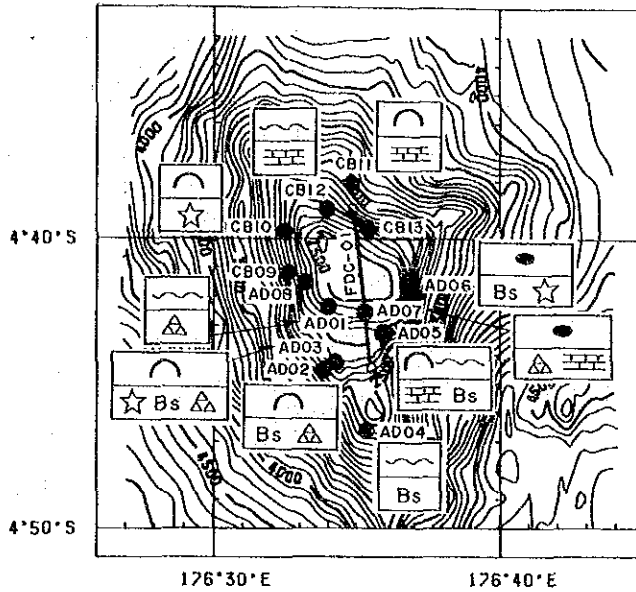


別添 第 17 図 海山別地形平面図及び断面図 (8)

SB 01 SEAMOUNT

SB-01 '88

S-LAT = 0 °



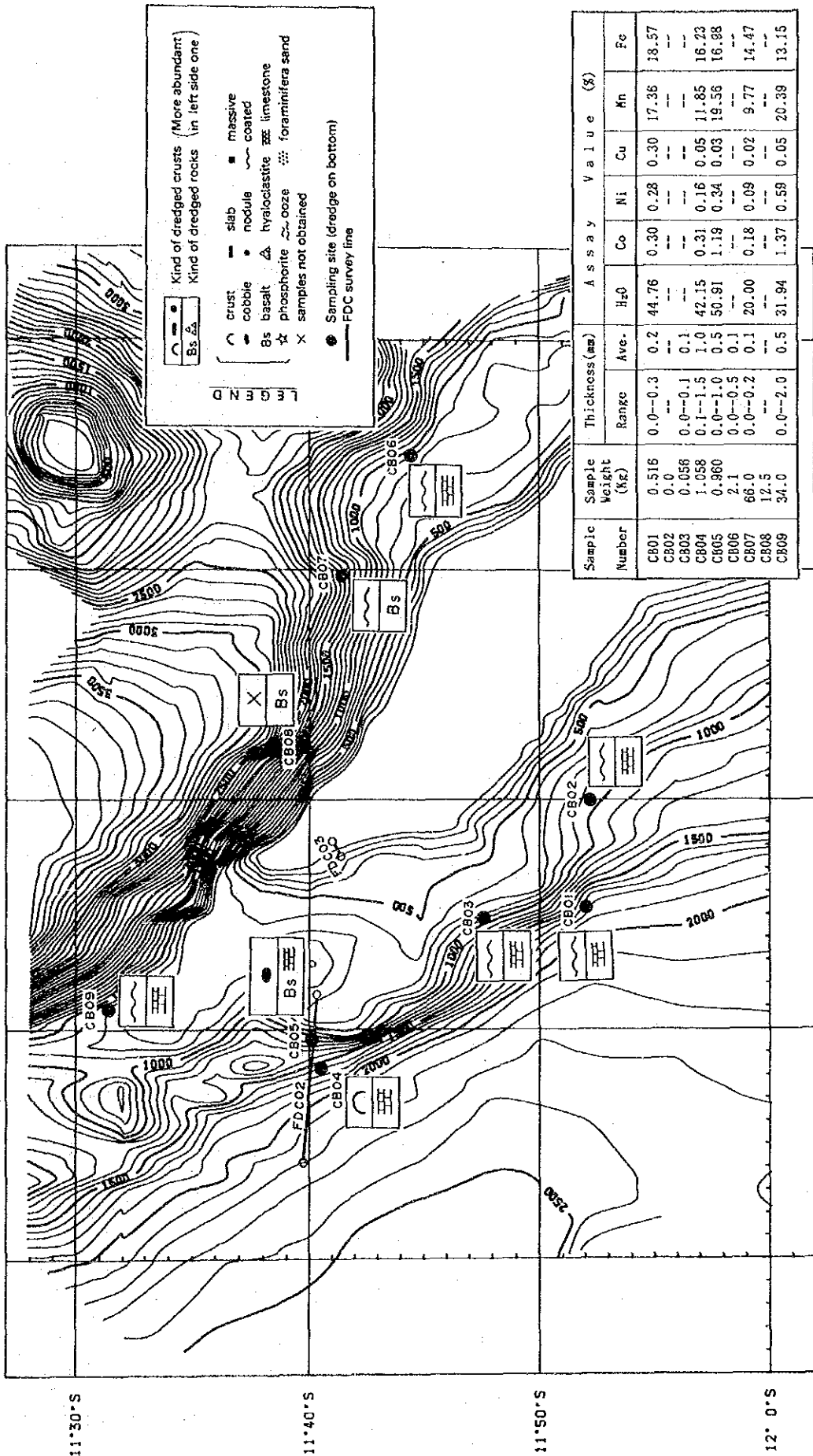
| Sample Number | Sample Weight (Kg) | Thickness(mm) | | Assay Value (%) | | | | | |
|---------------|--------------------|---------------|------|------------------|------|------|------|-------|-------|
| | | Range | Ave. | H ₂ O | Co | Ni | Cu | Mn | Fe |
| AD01 | 0.945 | 0.0-0.1 | 0.1 | -- | -- | -- | -- | -- | -- |
| AD02 | 0.275 | 0.0-0.3 | 0.1 | 40.00 | 0.37 | 0.21 | 0.06 | 11.72 | 16.05 |
| AD03 | 24.5 | 0.0-0.3 | 0.1 | 58.33 | 0.79 | 0.52 | 0.04 | 23.02 | 17.50 |
| AD04 | 0.007 | -- | -- | -- | -- | -- | -- | -- | -- |
| AD05 | 2.76 | 0.0-5.0 | 0.1 | 27.54 | 0.40 | 0.14 | 0.03 | 9.86 | 11.63 |
| AD06 | 318.0 | 0.0-3.0 | 0.1 | 35.42 | 0.75 | 0.45 | 0.05 | 22.60 | 19.00 |
| AD07 | 143.0 | 0.0-2.0 | 0.3 | 32.98 | 0.89 | 0.43 | 0.04 | 21.16 | 18.50 |
| A008 | 0.0 | -- | -- | -- | -- | -- | -- | -- | -- |
| CB09 | 0.0 | -- | -- | -- | -- | -- | -- | -- | -- |
| CB10 | 0.216 | 1.0-6.0 | 3.0 | 28.07 | 0.82 | 0.47 | 0.06 | 22.26 | 17.91 |
| CB11 | 0.6 | 0.0-0.3 | 0.1 | -- | -- | -- | -- | -- | -- |
| CB12 | 4.18 | 0.0-0.1 | 0.1 | -- | -- | -- | -- | -- | -- |
| CB13 | 0.0 | -- | -- | -- | -- | -- | -- | -- | -- |

別添 第 18 図 海山別地質及びコバルトクラスト分布図 (1)

SB 02 SEAMOUNT (BAYONNAISE BK)

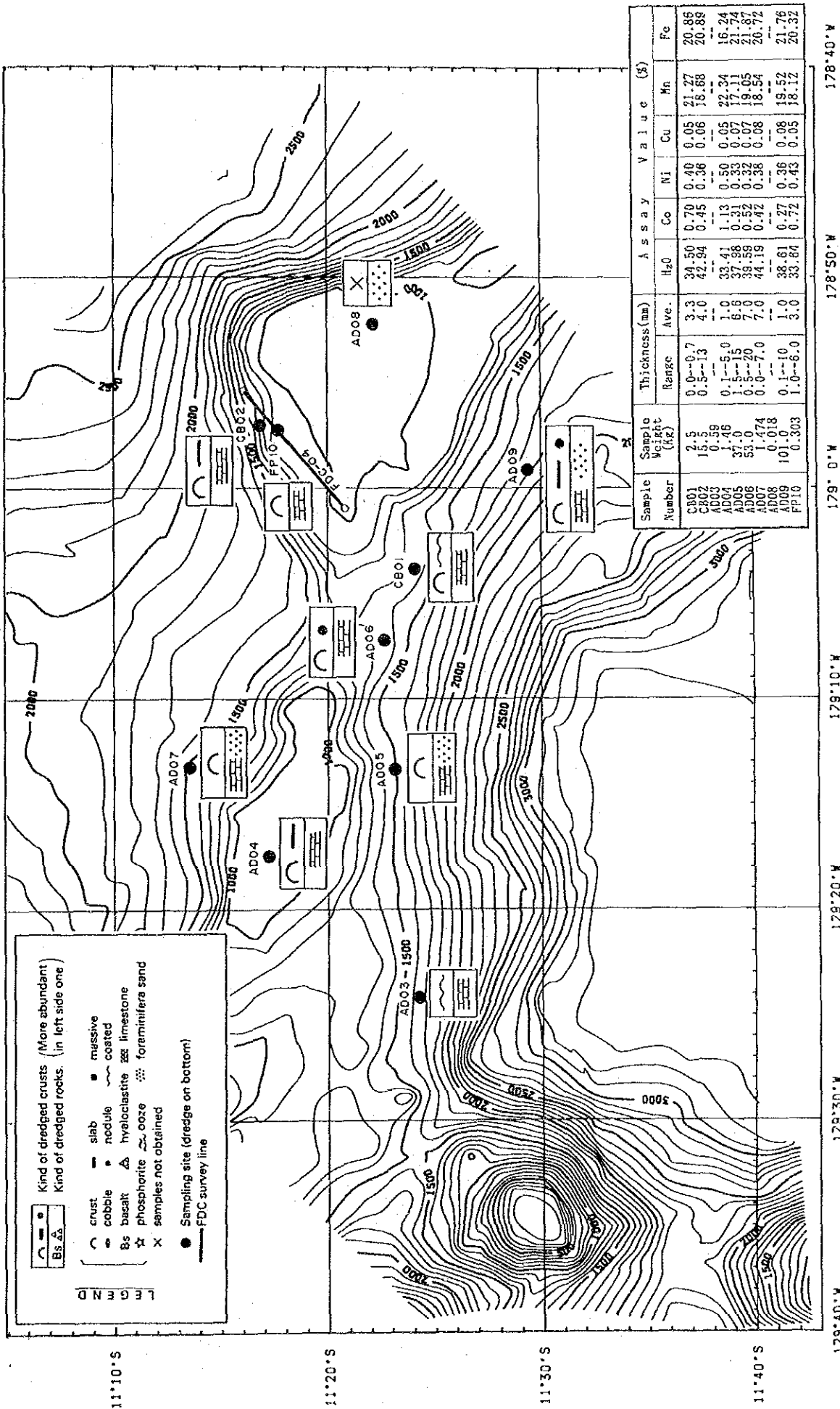
SB02 '88

S-LAT = 0



別添 第 18 図 海山別地質及びコバルト分布図 (2)

SB 03 SEAMOUNT (HERA BK)

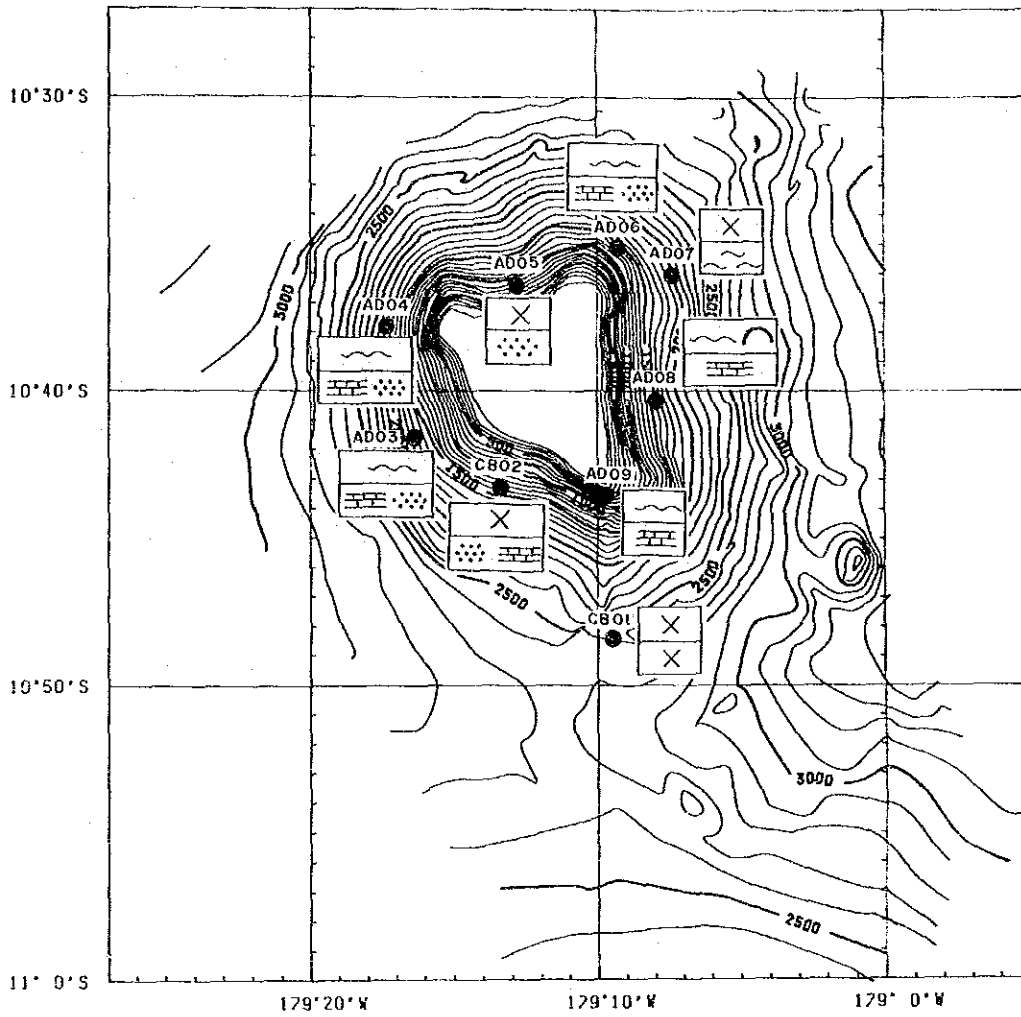


別添 第 18 図 海山別地質及びコバルトクラスト分布図 (3)

SB04 '88

SB 04 SEAMOUNT (MACAW BK)

S-LAT = 0 °

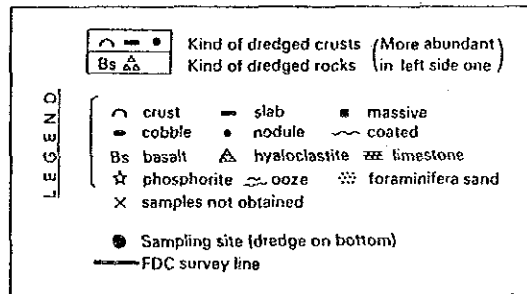
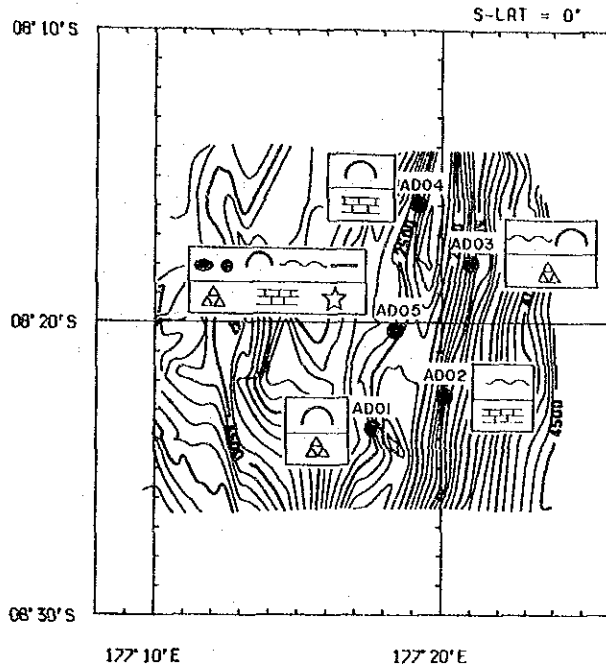


| | | |
|--------|------------------------------------|--|
| LEGEND | | Kind of dredged crusts (More abundant) |
| | | Kind of dredged rocks (in left side one) |
| | | crust |
| | | slab |
| | | massive |
| | | cobble |
| | | nodule |
| | | coated |
| | | Bs basalt |
| | | Δ hyaloclastite |
| | ▨ limestone | |
| | ☆ phosphorite | |
| | ~ ooze | |
| | ⊞ foraminifera sand | |
| | X samples not obtained | |
| | ● Sampling site (dredge on bottom) | |
| | — FDC survey line | |

| Sample Number | Sample Weight (Kg) | Thickness(mm) | | Assay Value (%) | | | | | |
|---------------|--------------------|---------------|------|------------------|------|------|------|-------|-------|
| | | Range | Ave. | H ₂ O | Co | Ni | Cu | Mn | Fe |
| CB01 | 0.002 | -- | -- | -- | -- | -- | -- | -- | -- |
| CB02 | 96.0 | -- | -- | -- | -- | -- | -- | -- | -- |
| AD03 | 2.323 | 0.0-0.05 | 0.7 | -- | -- | -- | -- | -- | -- |
| AD04 | 164.0 | 0.0-0.1 | 0.1 | -- | -- | -- | -- | -- | -- |
| AD05 | 0.0 | -- | -- | -- | -- | -- | -- | -- | -- |
| AD06 | 53.0 | 0.0-0.1 | 0.1 | -- | -- | -- | -- | -- | -- |
| AD07 | 0.0 | -- | -- | -- | -- | -- | -- | -- | -- |
| AD08 | 68.5 | 0.0-3.0 | 0.1 | 44.65 | 0.70 | 0.35 | 0.05 | 19.12 | 19.73 |
| AD09 | 77.142 | 0.0-0.1 | 0.1 | 46.67 | 1.12 | 0.26 | 0.02 | 13.70 | 12.58 |

別添 第 18 図 海山別地質及びコバルトクラスト分布図 (4)

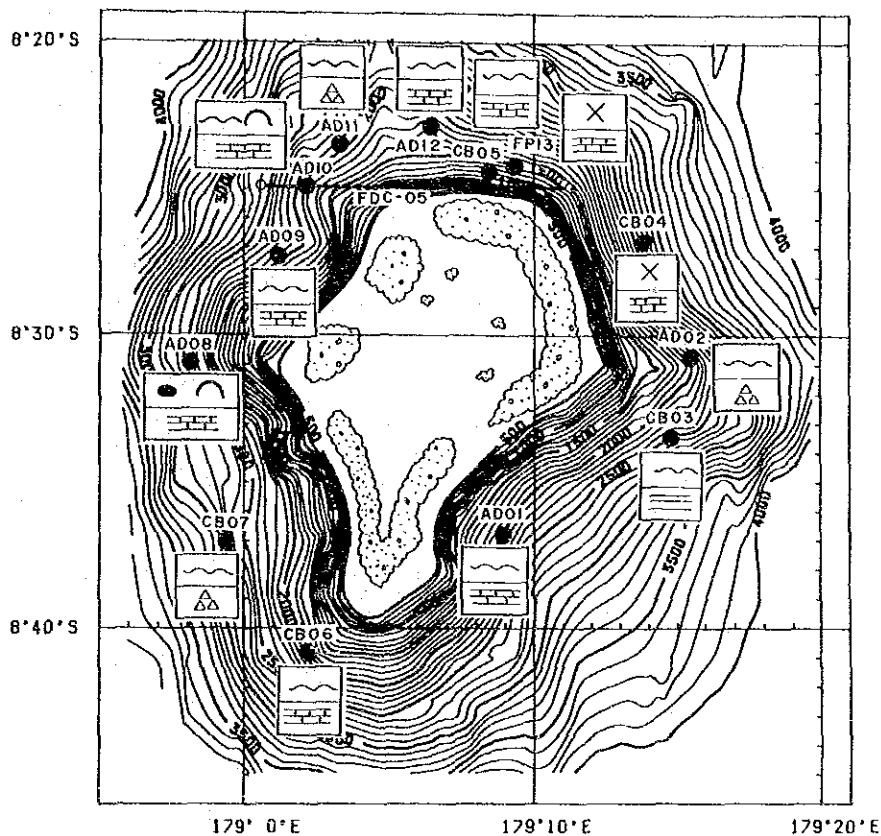
SB 05 SEAMOUNT



| Sample Number | Sample Weight (Kg) | Thickness (mm) | | Assay Value (%) | | | | | |
|---------------|--------------------|----------------|------|------------------|------|------|------|-------|-------|
| | | Range | Ave. | H ₂ O | Co | Ni | Cu | Mn | Fe |
| AD01 | 0.003 | 1.0-5.0 | 3.0 | 44.00 | 0.05 | 0.35 | 0.06 | 20.66 | 20.73 |
| AD02 | 0.013 | 0.0-0.1 | 0.1 | -- | -- | -- | -- | -- | -- |
| AD03 | 0.314 | 0.1-8.0 | 1.4 | 34.02 | 0.36 | 0.29 | 0.17 | 21.83 | 20.76 |
| AD04 | 0.048 | 2.0-18.0 | 11.0 | 39.98 | 0.39 | 0.78 | 0.19 | 24.12 | 18.76 |
| AD05 | 101.0 | 0.1-30.0 | 3.5 | 39.07 | 0.53 | 0.43 | 0.11 | 20.46 | 19.29 |

別添 第 18 図 海山別地質及びコバルトクラスト分布図 (5)

SB 06 SEAMOUNT (FUNAFUTI ATOLL)
SB06 '88 S-LAT = 0'



LEGEND

Kind of dredged crusts (More abundant)
 Kind of dredged rocks (in left side one)

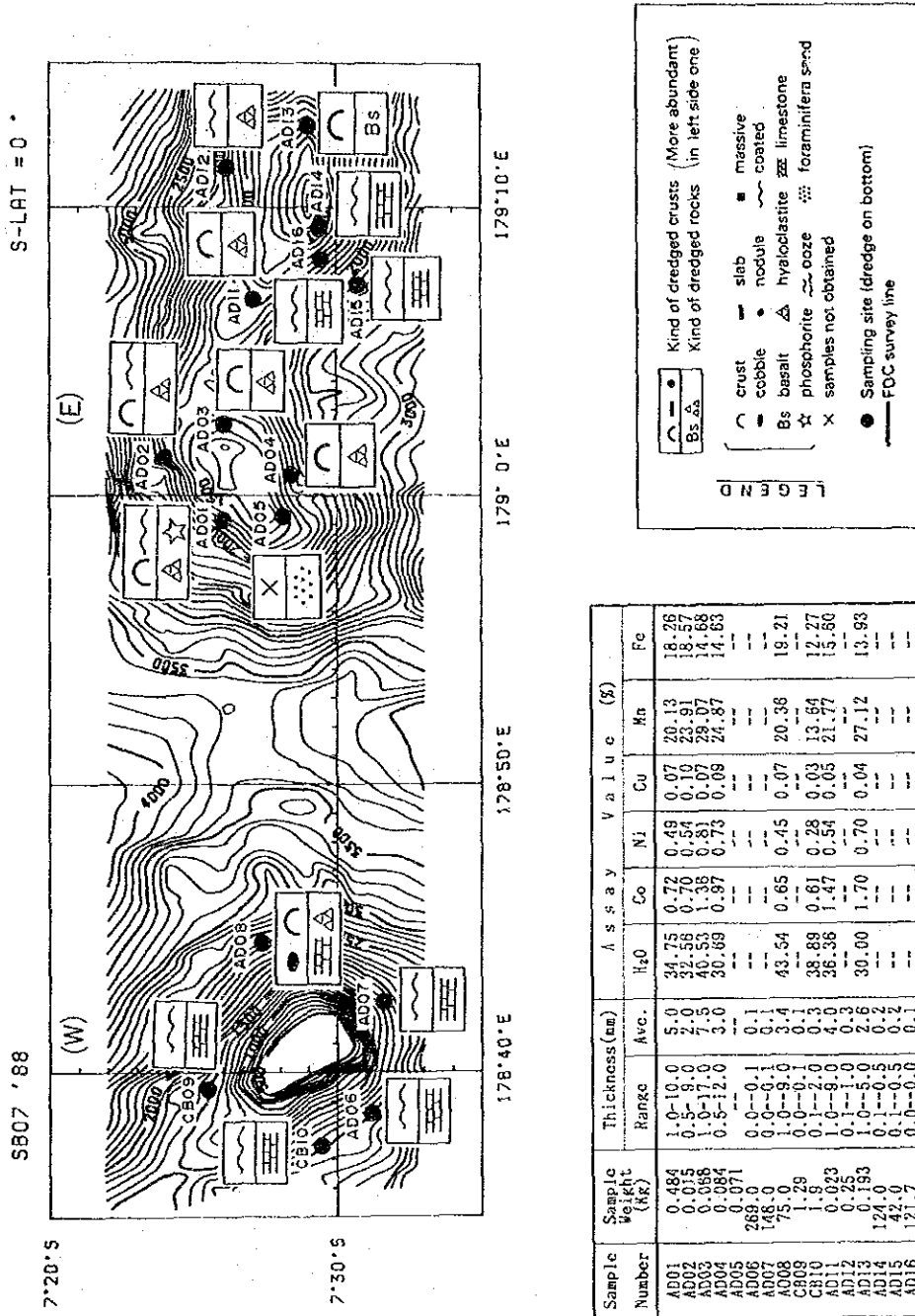
crust slab massive
 cobble nodule coated
 Bs basalt Δ hyaloclastite ☒ limestone
 ☆ phosphorite ~ ooze ☼ foraminifera sand
 X samples not obtained

● Sampling site (dredge on bottom)
 FDC survey line

| Sample Number | Sample Weight (Kg) | Thickness(mm) | | Assay Value (%) | | | | | |
|---------------|--------------------|---------------|------|------------------|------|------|------|-------|-------|
| | | Range | Ave. | H ₂ O | Co | Ni | Cu | Mn | Fe |
| AD01 | 18.0 | 0.0--1.0 | 0.1 | -- | -- | -- | -- | -- | -- |
| AD02 | 0.017 | 0.1--1.5 | 0.5 | -- | -- | -- | -- | -- | -- |
| CB03 | 0.191 | 0.1--0.5 | 0.1 | -- | -- | -- | -- | -- | -- |
| CB04 | 33.0 | -- | -- | -- | -- | -- | -- | -- | -- |
| CB05 | 9.284 | 0.0--0.1 | 0.1 | -- | -- | -- | -- | -- | -- |
| CB06 | 0.18 | 0.0--0.5 | 0.1 | -- | -- | -- | -- | -- | -- |
| CB07 | 0.004 | 0.1--2.0 | 0.5 | 43.48 | 0.58 | 0.43 | 0.06 | 20.91 | 17.93 |
| AD08 | 23.6 | 0.0-10.0 | 0.3 | 40.90 | 0.60 | 0.42 | 0.06 | 21.49 | 19.93 |
| AD09 | 3.5 | 0.0--0.1 | 0.1 | -- | -- | -- | -- | -- | -- |
| AD10 | 0.95 | 0.1--12.0 | 2.0 | 39.00 | 0.61 | 0.35 | 0.06 | 17.61 | 18.47 |
| AD11 | 13.0 | 0.0--1.0 | 0.3 | 42.86 | 0.69 | 0.44 | 0.04 | 19.61 | 16.83 |
| AD12 | 3.7 | 0.0--0.3 | 0.1 | -- | -- | -- | -- | -- | -- |
| FPI3 | 225.0 | -- | -- | -- | -- | -- | -- | -- | -- |

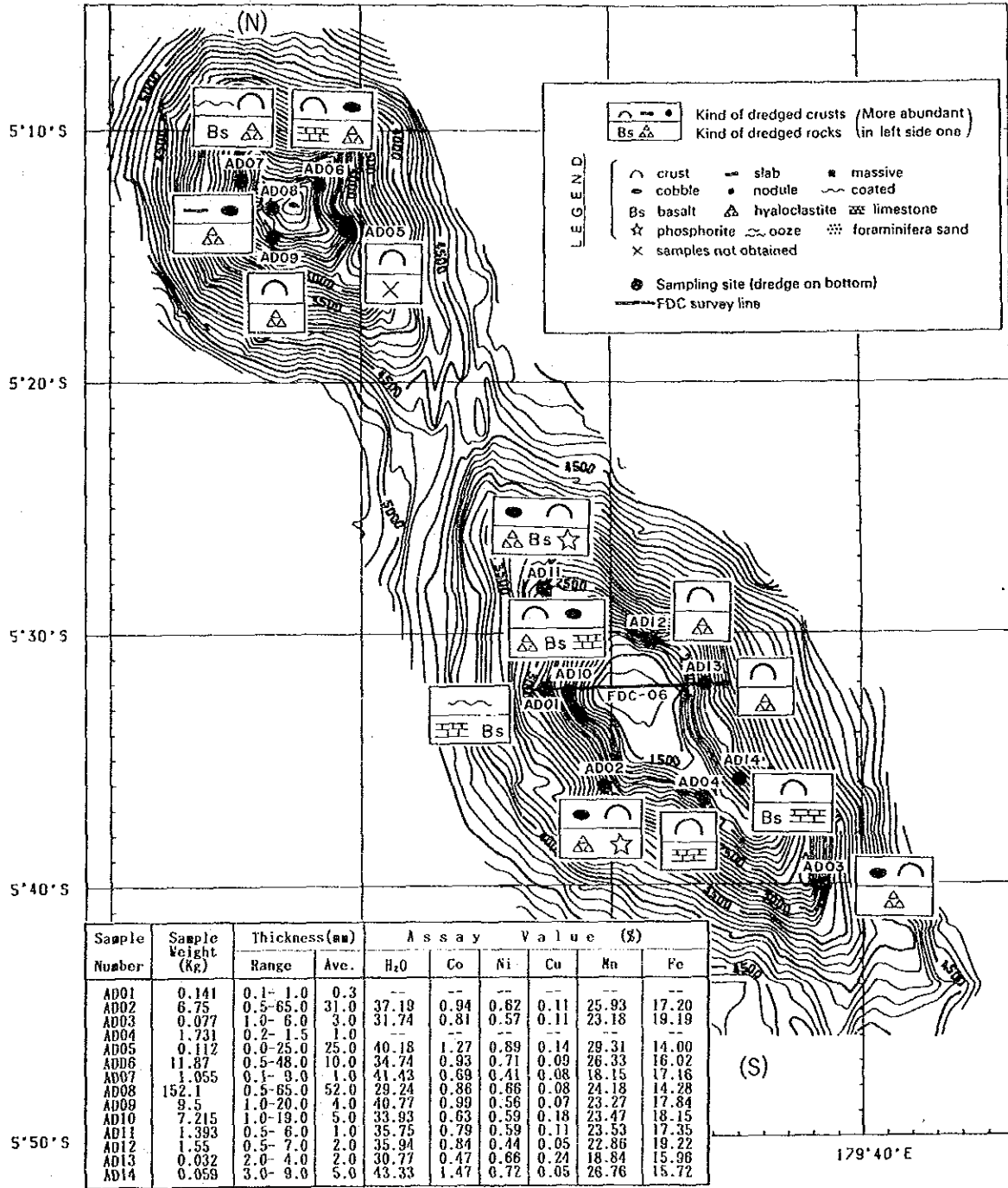
別添 第 18 図 海山別地質及びコバルトクラスト分布図 (6)

SB 07 SEAMOUNT (VAITUPU IS)



| Sample Number | Sample Weight (NG) | Thickness (cm) | | Assay Value (%) | | | | | | |
|---------------|--------------------|----------------|------|-----------------|------|------|------|-------|-------|--|
| | | Range | Ave. | HgO | Co | Ni | Cu | Mn | Fe | |
| AD01 | 0.484 | 1.0-10.0 | 5.0 | 34.75 | 0.72 | 0.49 | 0.07 | 20.13 | 18.28 | |
| AD02 | 0.015 | 0.5-9.0 | 7.0 | 32.58 | 0.70 | 0.54 | 0.10 | 23.91 | 18.57 | |
| AD03 | 0.088 | 0.0-17.0 | 7.5 | 40.53 | 1.38 | 0.81 | 0.07 | 28.07 | 14.68 | |
| AD04 | 0.084 | 0.5-12.0 | 3.0 | 20.89 | 0.97 | 0.73 | 0.09 | 24.87 | 14.63 | |
| AD05 | 0.071 | 0.0-0.1 | 0.1 | --- | --- | --- | --- | --- | --- | |
| AD06 | 289.0 | 0.0-0.1 | 0.1 | --- | --- | --- | --- | --- | --- | |
| AD07 | 178.0 | 1.0-8.7 | 7.4 | 43.54 | 0.65 | 0.45 | 0.07 | 20.38 | 19.21 | |
| AD08 | 75.0 | 0.0-0.1 | 0.1 | --- | --- | --- | --- | --- | --- | |
| CB09 | 1.29 | 0.0-0.1 | 0.1 | 38.89 | 0.61 | 0.28 | 0.03 | 13.54 | 12.27 | |
| CB10 | 1.923 | 1.0-2.0 | 4.0 | 35.36 | 1.47 | 0.54 | 0.05 | 21.27 | 15.50 | |
| AD11 | 0.023 | 0.1-1.0 | 4.0 | 30.00 | 1.70 | 0.70 | 0.04 | 27.12 | 13.93 | |
| AD12 | 0.25 | 1.0-5.0 | 2.5 | --- | --- | --- | --- | --- | --- | |
| AD13 | 124.0 | 0.1-0.5 | 0.2 | --- | --- | --- | --- | --- | --- | |
| AD14 | 42.0 | 0.1-0.5 | 0.2 | --- | --- | --- | --- | --- | --- | |
| AD15 | 44.0 | 0.0-0.0 | 0.1 | --- | --- | --- | --- | --- | --- | |
| AD16 | 121.7 | 0.0-0.0 | 0.1 | --- | --- | --- | --- | --- | --- | |

別添 第 18 図 海山別地質及びコバルトクラスト分布図 (7)



別添 第 18 図 海山別地質及びコバルトクラスト分布図 (8)

JICA