CORE-TOP SAMPLES CENTRAL EQUATORIAL PACIFIC

| CORE NUMBER | LATITUDE | LONGITUDE | WATER DEPTH km | $CaCO_3$ CONTENT % | SIZE INDEX % | *G. SAC.* 355-420 μg | *P. OBLIQ.* 355-420 μg | *N. DUT.* 355-420 μg | *G. RUBER* 300-355 μg | RADIOCARBON AGE yrs | $CO_3^{=}$ μmol/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|
| V32-102 | 2.5°N | 136°W | 4.30 | 78.0 | 32 | | | | | 6420 | 94 |
| TT13-69 | 0.1°S | 139.7°W | 4.31 | | | | 24.7 | 30.7 | | | 94 |
| TT13-19 | 2°S | 140°W | 4.35 | 76.7 | 31 | | 21.7 | 26.4 | | 4044 | 94 |
| V32-106 | 3.7°N | 146°W | 4.70 | 60.0 | 8 | | | | | | 94 |
| V28-177 | 4.8°N | 136°W | 4.70 | 52.0 | 17 | | | | | | 94 |
| V28-184 | 3.6°N | 146°W | 4.70 | 46.0 | 4 | | | | | | 94 |
| V32-109 | 3.4°N | 148°W | 4.80 | 52.0 | 8 | | | | | | 94 |
| V32-107 | 4.1°N | 146°W | 5.00 | 20.0 | 20 | | | | | | 94 |

4.38 km TT13-19 MULTICORE

CENTRAL EQU. PACIFIC 2°S 140°W 4.35 km TT13-18 PISTON CORE US JGOFS $CO_3^{=}$ = 94 µmol/kg

| DEPTH IN CORE cm | $CaCO_3$ CONTENT % | SIZE INDEX % | $\delta^{18}O$ BENTHIC ‰ | *G. SAC.* 355-420 µg | *P. OBLIQ.* 355-420 µg | *N. DUT.* 355-420 µg | *G. RUBER* 300-355 µg | RADIOCARBON AGE yrs (cm) |
|---|---|---|---|---|---|---|---|---|
| *MULTICORE* | | | | | | | | |
| 1 | 76.7 | 31 | | _ (1) | 21.7 (50) | 26.4 (50) | _ (0) | 4044±51 (1-2) |
| 3 | 79.2 | 30 | | _ (1) | 19.4 (50) | 24.6 (49) | _ (0) | |
| 9 | 80.7 | 31 | | _ (0) | 23.9 (50) | 26.7 (50) | 8.9 (11) | 6685±58 (12-14) |
| 17 | 86.1 | 32 | | 21.8 (49) | 27.2 (50) | 32.3 (50) | 10.8 (13) | |
| 21 | 87.1 | 34 | | 21.2 (50) | 26.5 (50) | 33.8 (51) | | |
| 23 | 84.6 | 39 | | 23.0 (50) | 27.9 (51) | 34.4 (50) | 10.5 (24) | 11508±84 (22-24) |
| *PISTON CORE* | | | | | | | | |
| 14 | 85.1 | 27 | 3.27 | _ (0) | 20.8 (50) | 25.9 (52) | _ (0) | 6081±61 (12-14) |
| 24 | 89.2 | 31 | 3.66 | 19.7 (17) | 26.7 (50) | 31.1 (50) | _ (5) | 10095±77 (22-25) |
| 34 | 88.6 | 39 | 4.45 | 24.4 (21) | 28.8 (50) | 34.3 (50) | 10.2 (13) | |
| 44 | 90.1 | 30 | 4.77 | 21.1 (11) | 28.2 (50) | 30.3 (50) | _ (3) | 12296±99 (29-30) |
| 54 | 91.0 | 32 | 4.74 | 19.0 (8) | 26.9 (50) | 29.1 (50) | _ (2) | |
| 64 | 90.2 | 27 | 4.55 | 18.5 (8) | 26.5 (50) | 30.8 (50) | _ (0) | |
| 74 | 91.1 | 36 | 4.45 | 22.0 (33) | 28.9 (50) | 34.4 (50) | 11.8 (33) | 28,655±385 (79-80) |
| 84 | 91.0 | 26 | 4.52 | 20.8 (16) | 27.7 (50) | 29.1 (50) | _ (1) | |
| 94 | 91.2 | 31 | 4.46 | 23.5 (32) | 30.5 (50) | 34.6 (50) | 10.9 (15) | |
| 110 | 90.3 | 37 | 4.06 | 23.2 (27) | 30.2 (50) | 34.8 (50) | 10.7 (35) | |
| 115 | 90.7 | 41 | 4.18 | 22.3 (50) | 31.4 (50) | 33.4 (50) | 11.0 (49) | |
| 125 | 83.0 | 24 | 4.17 | 20.9 (15) | 25.8 (49) | 28.6 (50) | _ (0) | |
| 135 | 80.1 | 28 | 4.29 | _ (0) | 25.2 (39) | _ (8) | _ (0) | |

4.38 km TT13-19 MULTICORE

CENTRAL EQU. PACIFIC 2°S 140°W 4.35 km TT13-18 PISTON CORE US JGOFS $CO_3^{=}$ = 94 μmol/kg

| DEPTH IN CORE cm | $CaCO_3$ CONTENT % | SIZE INDEX % | $\delta^{18}O$ BENTHIC ‰ | *G. SAC.* 355-420 μg | *P. OBLIQ.* 355-420 μg | *N. DUT.* 355-420 μg | *G. RUBER* 300-355 μg | RADIOCARBON AGE yrs (cm) |
|---|---|---|---|---|---|---|---|---|
| 145 | 78.4 | 26 | 4.07 | _ (2) | 29.7 (47) | 23.3 (53) | _ (0) | |
| 155 | 80.0 | 21 | 4.00 | _ (3) | 25.5 (38) | 20.4 (50) | _ (0) | |
| 165 | 82.7 | 19 | 4.05 | _ (1) | 27.7 (50) | 19.6 (30) | _ (0) | |

CENTRAL EQU. PACIFIC 0° 140°W 4.3 km TT13 MULTICORE 69 US JGOFS $CO_3^{=}$ = 94 μmol/kg

| DEPTH IN CORE cm | $CaCO_3$ CONTENT % | SIZE INDEX % | $\delta^{18}O$ *G. SAC.* ‰ | *G. SAC.* 355-420 μg | *P. OBLIQ.* 355-420 μg | *N. DUT.* 355-420 μg | *G. RUBER* 300-355 μg | RADIOCARBON AGE yrs (cm) |
|---|---|---|---|---|---|---|---|---|
| 1 | 79.9 | | | _ (0) | 24.7 (50) | 30.7 (50) | | |
| 3 | 80.1 | | | _ (0) | 23.2 (48) | 30.3 (50) | | |
| 9 | 82.5 | | | _ (0) | 23.9 (49) | 33.2 (50) | | 6081 (12-14) |
| 17 | 85.0 | | | _ (3) | 27.6 (50) | 36.0 (50) | | |
| 20 | 84.7 | | | 22.8 (19) | 29.1 (50) | 34.7 (50) | | |
| 23 | 85.0 | | | 24.5 (20) | 29.8 (50) | 38.1 (50) | | 10095 (22-25) |

CENTRAL EQU. PACIFIC 2.5°N 136°W 4.3 km V32-102 PISTON CORE LOTTI, LDEO $CO_3^{=}$ = 94 μmol/kg

| DEPTH IN CORE cm | $CaCO_3$ CONTENT % | SIZE INDEX % | $\delta^{18}O$ *G. SAC.* ‰ | *G. SAC.* 355-420 μg | *P. OBLIQ.* 355-420 μg | *N. DUT.* 355-420 μg | *G. RUBER* 300-355 μg | RADIOCARBON AGE yrs (cm) |
|---|---|---|---|---|---|---|---|---|
| 3 | 78.1 | 32 | | | | | | 6420 (3) |
| 8 | 85.2 | 31 | | | | | | 8880 (8) |
| 13 | 87.5 | 31 | | | | | | 13970 (10) |
| 17 | 87.0 | 36 | | | | | | 15150 (16) |
| 19 | 89.5 | 34 | | | | | | |
| 21 | 88.8 | 34 | | | | | | 20210 (20) |
| 25 | 87.0 | 29 | | | | | | |
| 32 | 89.6 | 24 | | | | | | |
| 37 | 87.1 | 29 | | | | | | |
| 41 | 88.4 | 30 | | | | | | |
| 46 | 90.9 | 29 | | | | | | |
| 51 | 89.8 | 30 | | | | | | |
| 56 | 89.0 | 33 | | | | | | |
| 61 | 89.4 | 36 | | | | | | |
| 66 | 89.0 | 34 | | | | | | |
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