



30-ODF Sample Log (EPZT – Super/Full “Regular”) Page 1 of 2

| | | | |
|----------------------------|---------------------------------|---------------|----------------|
| Event #: 4443 | Date: 12/14/13 | Oxy Box: D | Salt Box: E |
| Station #: 34 | UTC Time (Cast Up): 22:28 | Nut Box: BLUE | Trit Box: Q049 |
| Cast #: 6 ODF-deep w/corer | UTC Time (Sampling Done): 23:24 | | |

| Niskin | Nominal Depth | Geotracess Number | Unfiltered | | | Unfiltered | | | Bates DIC | Unfiltered | | | (Nisk) | | |
|---------------------|---------------|-------------------|------------|-------------|---------------|------------|------|-----------|-----------|-----------------|----------|----------|--------|------------|------|
| | | | Fine CFCs | Jenkins 3He | Altabet N2/Ar | ODF Oxy | OxyT | Casc. N2O | | Jenkins 14C-13C | ODF Nuts | ODF Salt | | Jenkins 3H | |
| CORER | X | 10192 | X | X | X | X | X | X | X | X | X | X | X | X | “13” |
| 1 | | 10193 | 1 | 1✓ | 1 | 1155 | 7.5 | X | 608 | 347 | 1✓ | 13✓ | 1 | 1 | |
| 2 | 3000#p | 10194 | 2 | 2✓ | 2 | 1769 | 6.9 | X | X | X | 2✓ | 14✓ | 2 | 2 | |
| 3 | 2900 | 10195 | 3 | 3✓ | 3 | 1724 | 8.1 | 3 | 609 | 341 | 3✓ | 15✓ | 3 | 3 | |
| 4 | 2800 | 10196 | 4 | 4✓ | 4 | 1732 | 8.4 | 4 | X | X | 4✓ | 16✓ | 4 | 4 | |
| 5 | 2700#p | 10197 | 5 | 5✓ | 5 | 1510 | 8.4 | 5 | 610 | 328 | 5✓ | 17✓ | 5 | 5 | |
| 6 | 2600 | 10198 | 6 | 6✓ | 6 | 1726 | 9.3 | 6 | X | X | 6✓ | 18✓ | 6 | 6 | |
| 7 | 2500 | 10199 | 7 | 7✓ | 7 | 1022 | 9.6 | 7 | 611 | 335 | 7✓ | 19✓ | 7 | 7 | |
| 8 | 2400#p | 10200 | 8 | 8✓ | 8 | 1688 | 9.8 | 8 | X | X | 8✓ | 20✓ | 8 | 8 | |
| 9 | 2300 | 10201 | 9 | 9✓ | 9 | 1653 | 10.0 | 9 | 612 | 329 | 9✓ | 21✓ | 9 | 9 | |
| 10 | 2200 | 10202 | 10 | 10✓ | 10 | 1138 | 10.6 | 10 | X | X | 10✓ | 22✓ | 10 | 10 | |
| 11 | 2100 | 10203 | 11 | 11✓ | 11 | 1460 | 11.0 | 11 | 613 | 348 | 11✓ | 23✓ | 11 | 11 | |
| 12 | 2000 | 10204 | 12 | 12✓ | 12 | 1687 | 12.1 | X | X | X | 12✓ | 24✓ | 12 | 12 | |
| FISH | 2 | X | X | X | X | X | X | X | X | X | X | X | X | X | “25” |
| Approx. Volume (L): | | | 1 | 1 | 0.5 | 1 | - | 1 | 1.2 | 0.8 | 0.3 | 0.5 | 1 | | |
| Sampler's Initials: | | | JH | BL | BP | MM/SMB | - | BP | X | JH | BL | SMB | BL | | |

Comments:

Depth where McLane pumps were deployed
 1769 => RETAKE FOR OXYGEN ON NISKIN 2

(pg.1) 8.3
 (pg.2) 18.5
 Total Volume (L): 26.8

U.S. GEOTRACES

ODF Rosette Sample Log (EPZT – Super/Full) Pena/Fleisher Page 2 of 2

| Event #: 4443 | | | Date: 12/14/13 | | | | | | | | | | |
|----------------------------|---------------|-------------------|--|----------------------------|-----------------------|----------------|------------------------|-----------------|-----------------|-----------------|-------------------|--------|--|
| Station #: 34 | | | UTC Time (Cast Up): | | | | | | | | | | |
| Cast #: 6 ODF-deep w/corer | | | UTC Time (Sampling Done): 01:00 15 Dec | | | | | | | | | | |
| | | | Filt.* | Filtered Acropak capsule** | | | | | | | | | |
| Niskin | Nominal Depth | Geotracess Number | Carlson DOC | Casciotti 15N-Nitrite | Casciotti 15N-Nitrate | Lamborg Thiols | Brzezinski Si-Isotopes | Anderson Th/Pa | Pena Nd/REE | LDEO Archive | Acropak Capsule # | Niskin | |
| CORER | | 10192 | X | X | X | X | X | X | X | X | X | "13" | |
| 1 | | 10193 | ✓ | ✓ | ✓ | X | X | 2559 | 2560 | 2561 | P-025 | 1 | |
| 2 | 3000#p | 10194 | ✓ | ✓ | ✓ | X | X | 2556 | 2557 | 2558 | P-026 | 2 | |
| 3 | 2900 | 10195 | ✓ | ✓ | ✓ | X | X | X | X | X | P-027 | 3 | |
| 4 | 2800 | 10196 | ✓ | ✓ | ✓ | X | X | X | X | X | P-028 | 4 | |
| 5 | 2700#p | 10197 | ✓ | ✓ | ✓ | X | X | 2553 | 2554 | 2555 | P-029 | 5 | |
| 6 | 2600 | 10198 | ✓ | ✓ | ✓ | X | X | 2550 | 2551 | 2552 | P-030 | 6 | |
| 7 | 2500 | 10199 | ✓ | ✓ | ✓ | X | X | 2547 | 2548 | 2549 | P-031 | 7 | |
| 8 | 2400#p | 10200 | ✓ | ✓ | ✓ | X | X | 2544 | 2545 | 2546 | P-032 | 8 | |
| 9 | 2300 | 10201 | ✓ | ✓ | ✓ | X | X | 2541 | 2542 | 2543 | P-033 | 9 | |
| 10 | 2200 | 10202 | ✓ | ✓ | ✓ | X | X | X | X | X | P-034 | 10 | |
| 11 | 2100 | 10203 | ✓ | ✓ | ✓ | X | X | X | X | X | P-035 | 11 | |
| 12 | 2000 | 10204 | ✓ | ✓ | ✓ | X | X | 2538 | 2539 | 2540 | P-036 | 12 | |
| Blanks | X | X | ✓ | X | X | X | X | 3346 | 3348 | 3355 | X | "25" | |
| Approx. Volume (L): | | | 0.1 | 0.1 | 0.3 | 0.2 | 1.2 | 5.2 | 5.2 | 5.2 | | | |
| Sampler's Initials: | | | MF/LP | MF/LP | MF/LP | MF/LP | MF/LP | MF/LP | MF/LP | MF/LP | | | |

* Carlson Filters: pre-combusted GFF (47mm diam./~1µm)

** Acropak 500 capsules: Supor 0.8/0.45µm membranes

Depth where McLane pumps were deployed

Comments: ***to get particulates, pressure filter with 47mm 0.45µm

Supor filters into cleaned 20 liter cubitainer. Acidified with 60 ml

Savillex 6M Hcl

LDS-2550 leaked, was replaced by LDS-2560
GT # 10198Brzezinski Si X
Thiols X

Total Volume (L): 17.5

| | |
|----|--------------|
| #s | shallow pump |
| #m | mid pump |
| #d | deep pump |