

U.S. GEOTRACES

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

| Event #: 4219 | | Date: 11/19/13 | | Oxy Box: D | | Salt Box: S | | | | | | | | | |
|--|---------------|---------------------------------|------------|-----------------|---------------|----------------|------|-----------|-----------|-----------------|----------|------------|------------|-------------------|------|
| Station: 17 | | UTC Time (Cast Up): 13:31 | | Nut Box: PURPLE | | Trit Box: Q602 | | | | | | | | | |
| Cast: #6 ODF-shallow | | UTC Time (Sampling Done): 14:42 | | | | | | | | | | | | | |
| Niskin | Nominal Depth | Geotracers Number | Unfiltered | | Altabet N2/Ar | Unfiltered | | Casc. N2O | Bates DIC | Unfiltered | | Unfiltered | | (Nisk) | |
| | | | Fine CFCs | Jenkins 3He | | ODF Oxy | OxyT | | | Jenkins 14C-13C | ODF Nuts | ODF Salt | Jenkins 3H | | |
| CORER | X | X | X | X | X | X | X | X | X | X | X | X | X | “13” | |
| 1 | 600 | 8334 | 13 | 1✓ | 1 | 1155 | 9.0 | 1 | 288 | 4267 | 1✓ | 25✓ | 1 | 1 | |
| 2 | 500#s | 8335 | 14 | 2✓ | 2 | 1769 | 9.7 | 2 | 289 | 4261 | 2✓ | 26✓ | 2 | 2 | |
| 3 | 450 | 8336 | 15 | 3✓ | 3 | 1724 | 10.3 | 3 | 290 | 4255 | 3✓ | 27✓ | 3 | 3 | |
| 4 | 385 | 8337 | 16 | 4✓ | 4 | 1732 | 10.4 | 4 | 291 | 4272 | 4✓ | 28✓ | 4 | 4 | |
| 5 | 350#s | 8338 | 17 | 5✓ | 5 | 1510 | 11.0 | 5 | 292 | 4266 | 5✓ | 29✓ | 5 | 5 | |
| 6 | 300 | 8339 | 18R | 6✓ | 6 | 1726 | 12.2 | 6 | 293 | 4260 | 6✓ | 30✓ | 6 | 6 | |
| 7 | 250#s | 8340 | 19 | 7✓ | 7 | 1022 | 14.7 | 7 | 294 | 72 | 7✓ | 31✓ | 7 | 7 | |
| 8 | 175#s | 8341 | 20 | 8✓ | 8 | 1688 | 19.3 | 8 | 295 | 4271 | 8✓ | 32✓ | 8 | 8 | |
| 9 | 125 | 8342 | 21 | 9✓ | 9 | 1653 | 21.9 | 9 | 296 | 4265 | 9✓ | 33✓ | 9 | 9 | |
| 10 | 80#s | 8343 | 22 | 10✓ | 10 | 1138 | 22.7 | 10 | 297 | 4259 | 10✓ | 34✓ | 10 | 10 | |
| 11 | 50#s | 8344 | 23 | 11✓ | 11 | 1460 | 23.6 | 11 | 298 | 4253 | 11✓ | 35✓ | 11 | 11 | |
| 12 | 20#s | 8345 | 24 | 12✓ | 12 | 1687 | 23.7 | 12 | 299 | 4270 | 12✓ | 36✓ | 12 | 12 | |
| FISH | 2 | 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 | BC | BP | MM | -- | | BP | (JH+BC) | ←MM→ | BL | | | |
| Comments: | | | | | | | | | | | | | | (pg.1) | 8.3 |
| # Depth where McLane pumps were deployed | | | | | | | | | | | | | | (pg.2) | 18.5 |
| BOTTLE 61 RETAKE OF CFC 18 | | | | | | | | | | | | | | Total Volume (L): | 26.8 |

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

U.S. GEOTRACES

| | | | | | | | | | | | | |
|-----------------------|---------------|------------------|---------------------------------|----------------------------|-----------------------|----------------|------------------------|----------------|-------------|--------------|-------------------|--------|
| Event #: 4219 | | | Date: 11/19/13 | | | | | | | | | |
| Station #: 17 | | | UTC Time (Cast Up): | | | | | | | | | |
| Cast #: 6 ODF-shallow | | | UTC Time (Sampling Done): 15:10 | | | | | | | | | |
| | | | Filt.* | Filtered Acropak capsule** | | | | | | | | |
| Niskin | Nominal Depth | Geotracex 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 | X | X | X | X | X | X | X | X | X | X | X | "13" |
| 1 | 600 | 8334 | ✓ | ✓ | ✓ | X | X | 2364 | 2365 | 2366 | LDF-99 | 1 |
| 2 | 500#s | 8335 | ✓ | ✓ | ✓ | X | X | 2361 | 2362 | 2363 | LDF-98 | 2 |
| 3 | 450 | 8336 | ✓ | ✓ | ✓ | X | X | X | X | X | LDF-96 | 3 |
| 4 | 385 | 8337 | ✓ | ✓ | ✓ | X | X | X | X | X | LDF-95 | 4 |
| 5 | 350#s | 8338 | ✓ | ✓ | ✓ | X | X | 2358 | 2359 | 2360 | LDF-94 | 5 |
| 6 | 300 | 8339 | ✓ | ✓ | ✓ | X | X | X | X | X | LDF-93 | 6 |
| 7 | 250#s | 8340 | ✓ | ✓ | ✓ | X | X | 2355 | 2356 | 2357 | LDF-92 | 7 |
| 8 | 175#s | 8341 | ✓ | ✓ | ✓ | X | X | 2352 | 2353 | 2354 | LDF-90 | 8 |
| 9 | 125 | 8342 | ✓ | ✓ | ✓ | X | X | X | X | X | LDF-89 | 9 |
| 10 | 80#s | 8343 | ✓ | ✓ | ✓ | X | X | 2349 | 2350 | 2351 | LDF-88 | 10 |
| 11 | 50#s | 8344 | ✓ | ✓ | ✓ | X | X | 2346 | 2347 | 2348 | LDF-87 | 11 |
| 12 | 20#s | 8345 | ✓ | ✓ | ✓ | X | X | 2343 | 2344 | 2345 | LDF-86 | 12 |
| FISH | 2 | X | ✓ | X | X | X | X | 2340 | 2341 | 2342 | X | "25" |
| Approx. Volume (L): | | | 0.1 | 0.1 | 0.3 | 0.2 | 2.2 | 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: Fish is GT#

Brzezinski Si
ThiolsX
X

Total Volume (L): 18.5

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