

Acropak-200 Cast Sheet**DEMI STATION**

Station # Station 27
 Deep, Mid, Shallow shallow
 Cast # Cast 1
 Event # 4351
 Date 12/5/13
 ODF Salinity Box G
 ODF Nutrients Rack Black

Sampling Order*Pressurize GoFlo*

ODF Salinity 250 mL
 ODF Nutrients 30 mL
 Casciotti - NO₃⁻ - freeze 3x100 mL
 Casciotti - to Brian P ASAP 100 mL
 Resing - Al 100 mL
 Resing - Mn 100 mL
 Saito - CO no headspace 2 x 60mL
 Shiller - Ga 125 mL
 Moffet - Fe(II) 60mL
 Bruland - metals 500 mL
 Flegal - Pb sometimes 1000 mL
~~Boyle - Pb sometimes 500 mL~~

Geotraces 9509

Acropak: Abbott
 Sampler: CZ
 Depth: 1000
 Caro Pos: 1
 Btl #: 8
 Notes:

Geotraces 9511

Acropak: Abbott
 Sampler: CZ
 Depth: 875
 Caro Pos: 3
 Btl #: 10
 Notes:

Geotraces 9513

Acropak: Abbott
 Sampler: CZ
 Depth: 600
 Caro Pos: 5
 Btl #: 16
 Notes:

Geotraces 9515

Acropak: Abbott
 Sampler: CZ
 Depth: 425
 Caro Pos: 7
 Btl #: 18
 Notes:

Geotraces 9517

Acropak: Abbott
 Sampler: CZ
 Depth: 300
 Caro Pos: 9
 Btl #: 24
 Notes:

Geotraces 9519

Acropak: Abbott
 Sampler: CZ
 Depth: 250
 Caro Pos: 11
 Btl #: 26
 Notes:

Geotraces 9521

Acropak: Castello
 Sampler: CP
 Depth: 200
 Caro Pos: 13
 Btl #: 28
 Notes:

Geotraces 9523

Acropak: Castello
 Sampler: CP
 Depth: 140
 Caro Pos: 15
 Btl #: 30
 Notes:

Geotraces 9525

Acropak: Castello
 Sampler: CP
 Depth: 100
 Caro Pos: 17
 Btl #: 36
 Notes:

Geotraces 9527

Acropak: Castello
 Sampler: CP
 Depth: 65
 Caro Pos: 29
 Btl #: 2
 Notes:

Geotraces 9529

Acropak: Castello
 Sampler: CP
 Depth: 45
 Caro Pos: 21
 Btl #: 4
 Notes:

Geotraces 9531

Acropak: castello
 Sampler: CP
 Depth: 20
 Caro Pos: 23
 Btl #: 6
 Notes:

Geotraces R/V Thompson Membrane Sample Log

Sample Date: 12/5/13
 UTC Start: 1329
 UTC End: 1440

| | | | | | | | | | | | | |
|---------------------------------------|------------------|------|------|------|------|--------------------|------|------|--------|------|------|------|
| Station/Cast: Station 27 Cast 1 | GT Event #: 4351 | | | | | Samplers: LR/RS/SR | | | Notes: | | | |
| Shallow/Mid/Deep Demi (circle one) | Nuts Rack: Black | | | | | Salts Rack: G | | | | | | |
| Geotraces #: | 9510 | 9512 | 9514 | 9516 | 9518 | 9520 | 9522 | 9524 | 9526 | 9528 | 9530 | 9532 |
| GoFlo Number: | 1 | 3 | 5 | 7 | 11 | 13 | 19 | 21 | 29 | 31 | 33 | 37 |
| Depth (m): | 1000 | 875 | 600 | 425 | 300 | 250 | 200 | 140 | 100 | 65 | 45 | 20 |
| Filter Holder #: | 42 | 39 | 38 | 37 | 36 | 35 | 34 | 33 | 32 | 31 | 30 | 29 |
| Filter diameter: | 25mm | | | | | | | | | | | |
| Position #: | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 |

Filtered Volume (L)

| | | | | | | | | | | | | |
|-------------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|
| Waste: | 8.44 | 8.18 | 8.48 | 8.38 | 8.26 | 8.45 | 8.58 | 8.36 | 4.20 | 2.28 | 1.48 | 2.22 |
| Drawn: | 2.25 | 2.25 | 2.25 | 2.25 | 2.25 | 2.25 | 2.25 | 2.25 | 2.25 | 2.25 | 2.25 | 2.25 |
| Total: | 10.69 | 10.43 | 10.73 | 10.63 | 10.51 | 10.70 | 10.83 | 10.61 | 6.45 | 4.53 | 3.73 | 4.47 |
| Start Time: | 1520 | 1519 | 1518 | 1517 | 1516 | 1515 | 1514 | 1513 | 1512 | 1510 | 1509 | 1508 |
| End Time: | 1700 | 1657 | 1657 | 1706 | 1702 | 1657 | 1648 | 1708 | 1712 | 1710 | 1709 | 1708 |

• Supor Membrane 0.45 µm

Sampling Order:

Redox:

Pressurize

Cutter (S) ~~2 x 60mL (Syr.)~~

Cutter (I) ~~2 x 60mL (Syr.)~~

Moffett(Fe) ~~2 x 60mL (Syr.)~~

Unfiltered:

ODF Nuts 1 x 30mL

ODF Salts 1 x 250mL

Shake

Twining-Surface 1 x ²⁵⁰2000mL

Twining-DCM 1 x 250mL

Part. Membrane:

Hammerschmidt (Hg) 1 x 2000mL

Lamborg (T. Hg) 1 x 250mL

Cutter (Nnuts) ~~1 x 125mL~~

Cutter (As/Sb) ~~1 x 250mL~~

Cutter (Se) 1 x 1190mL

Notes: **All filtered volume is 3.815L
2.25L

all filters from Fish Bottle ①

9528 (65m)
9532 (20m)