

Acropak-200 Cast Sheet

SUPER STATION

Station # Station 11
 Deep, Mid, Shallow, Shallow
 Cast # cast 5
 Event # 4140
 Date 11/11/10
 ODF Salinity Box D
 ODF Nutrients Rack Black

Sampling Order

| | |
|------------------------|-----------|
| ODF Salinity | 250 mL |
| ODF Nutrients | 30 mL |
| Resing - Al | 100 mL |
| Resing - Mn | 100 mL |
| Saito, CO no headspace | 2 x 60mL |
| Shiller - Ga | 125 mL |
| Moffett - Fe(II) | 30 mL |
| Sedwick - dFe | 2 x 125mL |
| Barbeau - Cu sp freeze | 900 mL |
| Buck - Fe sp freeze | 450 mL |
| Bruland - metals | 500 mL |
| Wu - metals | 500 mL |
| Wu - colloids | 500 mL |
| Flegal - Pb shallow | 1000 mL |
| Boyle - Pb mid/deep | 2000 mL |
| John - isos shallow | 4000 mL |
| John - isos mid/deep | 1000 mL |

Geotraces 3544

Acropak: Dude
 Sampler: CZ
 Depth: 2320m
 Caro Pos: 1
 Btl #: 2
 Notes:

Geotraces 3546

Acropak: Dude
 Sampler: CZ
 Depth: 2600m
 Caro Pos: 3
 Btl #: 4
 Notes:

Geotraces 3548

Acropak: Dude
 Sampler: CZ
 Depth: 2350m
 Caro Pos: 5
 Btl #: 6
 Notes:

Geotraces 3550

Acropak: Dude
 Sampler: CZ
 Depth: 2180m
 Caro Pos: 7
 Btl #: 8
 Notes:

Geotraces 3552

Acropak: Dude
 Sampler: CZ
 Depth: 2000m
 Caro Pos: 9
 Btl #: 10
 Notes:

Geotraces 3554

Acropak: Dude
 Sampler: CZ
 Depth: 1800m
 Caro Pos: 11
 Btl #: 16
 Notes:

Geotraces 3556

Acropak: Gertvade
 Sampler: CP
 Depth: 1550m
 Caro Pos: 13
 Btl #: 18
 Notes:

Geotraces 3558

Acropak: Gertvade
 Sampler: CP
 Depth: 1300m
 Caro Pos: 15
 Btl #: 24
 Notes:

Geotraces 3560

Acropak: Gertvade
 Sampler: CP
 Depth: 1100m
 Caro Pos: 17
 Btl #: 26
 Notes:

Geotraces 3562

Acropak: Gertvade
 Sampler: CP
 Depth: 750m
 Caro Pos: 19
 Btl #: 28
 Notes:

Geotraces 3564

Acropak: Gertvade
 Sampler: CP
 Depth: 400m
 Caro Pos: 21
 Btl #: 30
 Notes:

Geotraces 3566

Acropak: Gertvade
 Sampler: CP
 Depth: 200m
 Caro Pos: 23
 Btl #: 36
 Notes:

Geotraces R/V Thompson Membrane Sample Log

Sample Date: 11/13/13
 UTC Start: 0715
 UTC End: 0749

| | | | | | | | | | | | | |
|----------------------------------|------------------|----------------|----------------|----------------|----------------|------------------|----------------|----------------|--------------------|----------------|----------------|----------------|
| Station/Cast: Station 11 Cast 5 | GT Event #: 4140 | | | | | Nuts Rack: Black | | | Samplers: LR/RS/SR | | Notes: | |
| Shallow/Mid/Deep (circle one) | Salts Rack: P | | | | | | | | | | | |
| Geotraces #: | Geotraces 3545 | Geotraces 3547 | Geotraces 3549 | Geotraces 3551 | Geotraces 3553 | Geotraces 3555 | Geotraces 3557 | Geotraces 3559 | Geotraces 3561 | Geotraces 3563 | Geotraces 3565 | Geotraces 3567 |
| GoFlo Number: | 1 | 3 | 5 | 7 | 11 | 13 | 19 | 21 | 29 | 31 | 33 | 37 |
| Depth (m): | 320 | 260 | 235 | 215 | 200 | 180 | 155 | 130 | 110 | 75 | 40 | 20 |
| Filter Holder #: | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| Filter diameter: | 25mm | —————→ | | | | | | | | | | |
| Position #: | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 |

| | | | | | | | | | | | | |
|----------------------------|----------------|------|------|------|------|-------|------|-------|------|------|------|------|
| Filtered Volume (L) | High part memz | | | | | | | | | | | |
| Waste: | 6.40 | 6.04 | 6.20 | 2.30 | 4.32 | 6.55 | 6.18 | 6.36 | 5.79 | 3.84 | 1.03 | 1.48 |
| Drawn: | 3.69 | 3.69 | 3.69 | 3.69 | 3.69 | 3.69 | 3.69 | 3.69 | 3.69 | 3.69 | 3.69 | 3.69 |
| Total: | 10.09 | 9.73 | 9.89 | 5.99 | 8.01 | 10.24 | 9.87 | 10.05 | 9.48 | 7.53 | 4.72 | 5.17 |
| Start Time: | 849 | 850 | 851 | 852 | 854 | 855 | 856 | 857 | 858 | 859 | 902 | 903 |
| End Time: | 1022 | 1016 | 1045 | 1029 | 1058 | 1034 | 1056 | 1047 | 1049 | 1100 | 1034 | 1103 |

- 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 2000mL
 - Twining-DCM 1 x 250mL
 - Part. Membrane: 1 x 25mL - omz
 - 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

Supor Membrane 0.45 µm

Notes: **All filtered volume is 3.815/3.69

3565 - Proc. Bk FH# 14 start = 10:40 stop = 10:54 TV = 2L

3551 - Proc. Bk FH# 14 13 start = 10:32 stop 10:58 TV = 2L

3545 67
 3547 65
 3549 51

5.815
 -1.125
 4.690