

Acropak-200 Cast Sheet

FULL STATION

Station # Station 13
 Deep, Mid, Shallow, Deep
 Cast # Cast 1
 Event # 41105
 Date 11/13/13
 ODF Salinity Box FD
 ODF Nutrients Rack green

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 450 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

Resing - unfilt.

Geotraces 3741

Acropak: grandpa
 Sampler: CZ
 Depth: 3835
 Caro Pos: 1
 Btl #: 8
 Notes:

Geotraces 3743

Acropak: grandpa
 Sampler: CZ
 Depth: 3810
 Caro Pos: 3
 Btl #: 10
 Notes:

Geotraces 3745

Acropak: grandpa
 Sampler: CZ
 Depth: 3800
 Caro Pos: 5
 Btl #: 16
 Notes:

Geotraces 3747

Acropak: grandpa
 Sampler: CZ
 Depth: 3750
 Caro Pos: 7
 Btl #: 18
 Notes:

Geotraces 3749

Acropak: grandpa
 Sampler: CZ
 Depth: 3700
 Caro Pos: 9
 Btl #: 24
 Notes:

Geotraces 3751

Acropak: grandpa
 Sampler: CZ
 Depth: 3600
 Caro Pos: 11
 Btl #: 26
 Notes:

Geotraces 3753

Acropak: india
 Sampler: CP
 Depth: 3400
 Caro Pos: 13
 Btl #: 28
 Notes:

Geotraces 3755

Acropak: india
 Sampler: CP
 Depth: 3200
 Caro Pos: 15
 Btl #: 30
 Notes:

Geotraces 3757

Acropak: india
 Sampler: CP
 Depth: 3000
 Caro Pos: 17
 Btl #: 36
 Notes:

Geotraces 3759

Acropak: india
 Sampler: CP
 Depth: 2800
 Caro Pos: 19
 Btl #: 2
 Notes:

Geotraces 3761

Acropak: india
 Sampler: CP
 Depth: 2600
 Caro Pos: 21
 Btl #: 4
 Notes:

Geotraces 3763

Acropak: india
 Sampler: CP
 Depth: 2400
 Caro Pos: 23
 Btl #: 6
 Notes:

Geotraces R/V Thompson Membrane Sample Log

Sample Date:

11/13/13

UTC Start: 2105

UTC End: 0003 - 11/14/13

Station/Cast: Station B Cast 1

GT Event #: 4165

Shallow/Mid/Deep
(circle one)

Nuts Rack: green

Samplers: LR1RS1SR

Notes:

Salts Rack: F# D

| Geotraces #: | Geotraces 3742 | Geotraces 3744 | Geotraces 3746 | Geotraces 3748 | Geotraces 3750 | Geotraces 3752 | Geotraces 3754 | Geotraces 3756 | Geotraces 3758 | Geotraces 3760 | Geotraces 3762 | Geotraces 3764 |
|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| GoFlo Number: | 1 | 3 | 5 | 7 | 11 | 13 | 19 | 21 | 29 | 31 | 33 | 37 |
| Depth (m): | 3835 | 3810 | 3800 | 3750 | 3700 | 3600 | 3400 | 3200 | 3000 | 2800 | 2600 | 2400 |
| Filter Holder #: | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| Filter diameter: | 25mm | | | | | | | | | | | 17 |
| Position #: | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 |

Filtered Volume (L)

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|-------------|-------|------|-------|-------|-------|------|------|-------|------|------|------|------|
| Waste: | 8.26 | 7.70 | 7.79 | 7.82 | 7.96 | 7.90 | 7.67 | 8.32 | 7.68 | 7.68 | 6.96 | 7.53 |
| 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: | 10.51 | 9.95 | 10.04 | 10.07 | 10.21 | 9.15 | 9.92 | 10.57 | 9.93 | 9.93 | 9.21 | 9.78 |
| Start Time: | 0044 | 0046 | 0047 | 0050 | 0051 | 0043 | 0044 | 0045 | 0047 | 0048 | 0050 | 0051 |
| End Time: | 0028 | 0024 | 0028 | 0232 | 0029 | 0226 | 0223 | 0030 | 0223 | 0231 | 0024 | 0237 |

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 2000mL

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