

Acropak-200 Cast Sheet**FULL STATION**

Station # Station 15
 Deep, Mid, Shallow, Deep
 Cast # Cast 1
 Event # 4186
 Date 11/16/13
 ODF Salinity Box A
 ODF Nutrients Rack purple

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 3929

Acropak: grandpa
 Sampler: CZ
 Depth: 3925
 Caro Pos: 1
 Btl #: 24
 Notes:

Geotraces 3931

Acropak: grandpa
 Sampler: CZ
 Depth: 3900
 Caro Pos: 3
 Btl #: 26
 Notes:

Geotraces 3933

Acropak: grandpa
 Sampler: CZ
 Depth: 3880
 Caro Pos: 5
 Btl #: 28
 Notes:

Geotraces 3935

Acropak: grandpa
 Sampler: CZ
 Depth: 3800
 Caro Pos: 7
 Btl #: 30
 Notes:

Geotraces 3937

Acropak: grandpa
 Sampler: CZ
 Depth: 3750
 Caro Pos: 9
 Btl #: 36
 Notes:

Geotraces 3939

Acropak: grandpa
 Sampler: CZ
 Depth: 3500
 Caro Pos: 11
 Btl #: 2
 Notes:

Geotraces 3941

Acropak: india
 Sampler: CP
 Depth: 3250
 Caro Pos: 13
 Btl #: 4
 Notes:

Geotraces 3943

Acropak: india
 Sampler: CP
 Depth: 3000
 Caro Pos: 15
 Btl #: 6
 Notes:

Geotraces 3945

Acropak: india
 Sampler: CP
 Depth: 2800
 Caro Pos: 17
 Btl #: 108
 Notes:

Geotraces 3947

Acropak: india
 Sampler: CP
 Depth: 2700
 Caro Pos: 19
 Btl #: 10
 Notes:

Geotraces 3949

Acropak: india
 Sampler: CP
 Depth: 2600
 Caro Pos: 21
 Btl #: 16
 Notes:

Geotraces 3951

Acropak: india
 Sampler: CP
 Depth: 2500
 Caro Pos: 23
 Btl #: 18
 Notes:

Geotraces R/V Thompson Membrane Sample Log

Sample Date: 11/16/13
 UTC Start: 0903
 UTC End: 1202

Station/Cast: Station 15021
 GT Event #: 4186

Shallow/Mid/Deep (circle one)
 Nuts Rack: purple
 Salt Rack: A
 Samplers: LR1RS50
 Notes: changed Acropats for syringes

Geotraces #:	Geotraces 3930	Geotraces 3932	Geotraces 3934	Geotraces 3936	Geotraces 3938	Geotraces 3940	Geotraces 3942	Geotraces 3944	Geotraces 3946	Geotraces 3948	Geotraces 3950	Geotraces 3952
GoFlo Number:	1	3	5	7	11	13	19	21	29	31	33	37
Depth (m):	3925	3900	3850	3800	3750	3500	3250	3000	2800	2700	2600	2500
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)

Waste:	3.54	3.68	3.50	3.42	3.52	3.75	3.64	3.86	3.01	3.00	3.89	3.94
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:	5.79	5.93	5.75	5.67	5.77	6.00	5.89	6.11	5.26	5.25	6.14	6.19
Start Time:	1256	1257	1258	1259	1300	1302	1250	1251	1253	1255	1257	1258
End Time:	256	258	258	300	300	302	252	252	253	253	257	257

- 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

Supor Membrane 0.45 µm

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

new acropats → 'anything' + 'deadheads' for syringe samples

filters dripped very slowly

suspect bad batch #4 of filters.

Perhaps they are 0.2µm by mistake?