

Acropak-200 Cast Sheet

SUPER STATION

Station # Station 36
 Deep, Mid, Shallow, Shallow
 Cast # Cast 5
 Event # 4462
 Date 12/16/13
 ODF Salinity Box A
 ODF Nutrients Rack White

GEOTRACES 10307 GEOTRACES 10309

Acropak: Socrates
 Sampler: CZ
 Depth: 1000
 Caro Pos: 1
 Btl #: 29
 Notes:

Acropak: Socrates
 Sampler: CZ
 Depth: 800
 Caro Pos: 3
 Btl #: 31
 Notes: *2x 450mL for Barbeau

GEOTRACES 10311

Acropak: Socrates
 Sampler: CZ
 Depth: 600
 Caro Pos: 5
 Btl #: 33
 Notes:

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 ~~(III)~~ total 30 mL 250mL
 Sedwick - dFe 2 x 125mL
 Barbeau - Cu sp freeze 900 mL or 2x450mL
 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 10313 GEOTRACES 10315 GEOTRACES 10317

Acropak: Socrates
 Sampler: CZ
 Depth: 450
 Caro Pos: 7
 Btl #: 37
 Notes:

Acropak: Socrates
 Sampler: CZ
 Depth: 350
 Caro Pos: 9
 Btl #: 1
 Notes: *2x450mL for Barbeau

Acropak: Socrates
 Sampler: CZ
 Depth: 300
 Caro Pos: 11
 Btl #: 3
 Notes: *2x450mL for Barbeau

GEOTRACES 10319

Acropak: Plate
 Sampler: CP
 Depth: 200
 Caro Pos: 13
 Btl #: 5
 Notes:

GEOTRACES 10321 GEOTRACES 10323

Acropak: Plate
 Sampler: CP
 Depth: 130
 Caro Pos: 15
 Btl #: 7
 Notes:

Acropak: Plate
 Sampler: CP
 Depth: 100
 Caro Pos: 17
 Btl #: 11
 Notes: *2x450mL for Barbeau

GEOTRACES 10325 GEOTRACES 10327 GEOTRACES 10329

Acropak: Plate
 Sampler: CP
 Depth: 75
 Caro Pos: 19
 Btl #: 13
 Notes: *2x450mL for Barbeau

Acropak: Plate
 Sampler: CP
 Depth: 45
 Caro Pos: 21
 Btl #: 19
 Notes:

Acropak: Plate
 Sampler: CP
 Depth: 30
 Caro Pos: 23
 Btl #: 21
 Notes:

Geotraces R/V Thompson Membrane Sample Log

Sample Date: 12/16/13
 UTC Start: 1657
 UTC End: 1805

Station/Cast: Station 36 Cast 5		GT Event #: 41462					Samplers: LR/RS/SR		Notes:			
Shallow/Mid/Deep (circle one)		Nuts Rack: White			Salts Rack: A							
Geotraces #:	GEOTRACES 10308	GEOTRACES 10310	GEOTRACES 10312	GEOTRACES 10314	GEOTRACES 10316	GEOTRACES 10318	GEOTRACES 10320	GEOTRACES 10322	GEOTRACES 10324	GEOTRACES 10326	GEOTRACES 10328	GEOTRACES 10330
GoFlo Number:	2	4	6	8	10	16	18	24	26	28	30	36
Depth (m):	1000	800	600	450	350	300	200	130	100	75	45	30
Filter Holder #:	29	30	31	32	33	34	35	36	37	38	39	40
Filter diameter:	25mm											
Position #:	2	4	6	8	10	12	14	16	18	20	22	24

Filtered Volume (L)

Waste:	6.98	6.32	6.67	4.56	6.33	6.71	6.02	6.87	5.52	2.05	1.23	2.40
Drawn:	3.69	3.69	3.69	3.69	3.69	3.69	3.69	3.69	3.69	3.69	2.50	2.50
Total:	10.67	10.01	10.36	8.25	10.02	10.40	9.71	10.56	9.21	5.74	3.73	4.90
Start Time:	1852	1851	1850	1849	1848	1847	1846	1845	1843	1842	1841	1840
End Time:	2031	2030	2030	2029	2023	2023	2039	2039	2044	2037	2041	2040

Supor Membrane 0.45 µm

Notes: **All filtered volume is 3.69L
 3.69L

* Filter Fish Baten (1)

* Process Blanks = 10314 & ~~10320~~ 10328
 ↓ ↓
 FH#41 (2.0L) FH#42 (2.0L)

Both PB's used 1 brand new Anopak each.

10326
 10330

10328 & 10330 taken w/ Anopak

Sampling Order:

Redox:

Pressurize

Gutter (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

3.69