

Acropak-200 Cast Sheet

SHELF STATION

Station # Station 4
 Deep, Mid, Shallow Shallow
 Cast # 1
 Event # 4053
 Date 11/2/13
 ODF Salinity Box F
 ODF Nutrients Rack White

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
 Flegal - Pb iso shallow 1000 mL
 John - isos shallow 4000 mL
~~John - isos mid/deep 1000 mL~~

Geotraces 2344

Acropak: G
 Sampler: CZ
 Depth: 750m
 Caro Pos: 1
 Btl #: 17
 Notes:

Geotraces 2346

Acropak: G
 Sampler: CZ
 Depth: 675m
 Caro Pos: 3
 Btl #: 27
 Notes:

Geotraces 2348

Acropak: G
 Sampler: CZ
 Depth: 600m
 Caro Pos: 5
 Btl #: 35
 Notes:

Geotraces 2350

Acropak: G
 Sampler: CZ
 Depth: 500m
 Caro Pos: 7
 Btl #: 39
 Notes:

Geotraces 2352

Acropak: G
 Sampler: CZ
 Depth: 400m
 Caro Pos: 9
 Btl #: 41
 Notes:

Geotraces 2354

Acropak: G
 Sampler: CZ
 Depth: 300m
 Caro Pos: 11
 Btl #: 45
 Notes:

Geotraces 2356

Acropak: H
 Sampler: CP
 Depth: 200m
 Caro Pos: 13
 Btl #: 47
 Notes:

Geotraces 2358

Acropak: H
 Sampler: CP
 Depth: 140m
 Caro Pos: 15
 Btl #: 49
 Notes:

Geotraces 2360

Acropak: H
 Sampler: CP
 Depth: 110m
 Caro Pos: 17
 Btl #: 42 51
 Notes:

Geotraces 2362

Acropak: H
 Sampler: CP
 Depth: 65m
 Caro Pos: 19
 Btl #: 52
 Notes: DCM

Geotraces 2364

Acropak: H
 Sampler: CP
 Depth: 48m
 Caro Pos: 21
 Btl #: 9
 Notes:

Geotraces 2366

Acropak: H
 Sampler: CP
 Depth: 20m
 Caro Pos: 23
 Btl #: 15
 Notes:

Geotraces R/V Thompson Membrane Sample Log

Sample Date: 11/2/13
 UTC Start: 1104
 UTC End: 1209

Station/Cast: St 4 / C4 GT Event #: 4053
 (Shallow) Mid/Deep (circle one) Nuts Rack: white Samplers: LR, SR, RS Notes: DCM = 65m 2363
 Salts Rack: F

Geotraces #:	Geotraces 2345	Geotraces 2347	Geotraces 2349	Geotraces 2351	Geotraces 2353	Geotraces 2355	Geotraces 2357	Geotraces 2359	Geotraces 2361	Geotraces 2363	Geotraces 2365	Geotraces 2367
GoFlo Number:	12	14	20	22	32	38	40	42	44	46	48	50
Depth (m):	750	675	600	500	400	300	200	140	110	65	48	20
Filter Holder #:	1	2	3	4	5	6	7	8	9	10	11	12
Filter diameter:	47mm	→										
Position #:	2	4	6	8	10	12	14	16	18	20	22	24

Filtered Volume (L)	9.51 DCM											
Waste:	5.82	6.00	5.72	5.79	5.02	5.79	6.18	6.05	6.20	2.78	5.02	3.54
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:	9.51	9.69	9.41	9.48	8.71	9.48	9.38	9.74	9.89	6.47	8.71	7.23
Start Time:	1335	1340	1343	1343	1343	1343	1343	1343	1405	1410	1415	1418
End Time:	1503	1455	1455	1455	1506	1501	1457	1450	1510	1459	1511	1516

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 - 20m
 Twining-DCM 1 x 250mL - 65m
 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 3.69
 Notes: **All filtered volume is 3.815L

* FH #12-(2367) - Dropped