

Acropak-200 Cast Sheet

SHELF STATION

Station # St 5
 Deep, ~~Mid~~, Shallow Shallow
 Cast # 5
 Event # 4067
 Date 11/3/13
 ODF Salinity Box D
 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 2459

Acropak: A1
 Sampler: CZ
 Depth: 500
 Caro Pos: 1
 Btl #: 35
 Notes:

Geotraces 2461

Acropak: A1
 Sampler: CZ
 Depth: 380
 Caro Pos: 3
 Btl #: 39
 Notes:

Geotraces 2463

Acropak: A1
 Sampler: CZ
 Depth: 330
 Caro Pos: 5
 Btl #: 41
 Notes:

Geotraces 2465

Acropak: A1
 Sampler: CZ
 Depth: 265
 Caro Pos: 7
 Btl #: 45
 Notes:

Geotraces 2467

Acropak: A1
 Sampler: CZ
 Depth: 200
 Caro Pos: 9
 Btl #: 47
 Notes:

Geotraces 2469

Acropak: A1
 Sampler: CZ
 Depth: 150
 Caro Pos: 11
 Btl #: 49
 Notes:

Geotraces 2471

Acropak: B1
 Sampler: CP
 Depth: 8520
 Caro Pos: 13
 Btl #: 51
 Notes:

Geotraces 2473

Acropak: B1
 Sampler: CP
 Depth: 7585
 Caro Pos: 15
 Btl #: 52
 Notes:

Geotraces 2475

Acropak: B1
 Sampler: CP
 Depth: 5575
 Caro Pos: 17
 Btl #: 9
 Notes: DCM

Geotraces 2477

Acropak: B1
 Sampler: CP
 Depth: 55
 Caro Pos: 19
 Btl #: 15
 Notes:

Geotraces 2479

Acropak: B1
 Sampler: CP
 Depth: 40
 Caro Pos: 21
 Btl #: 17
 Notes:

Geotraces 2481

Acropak: B1
 Sampler: CP
 Depth: 20
 Caro Pos: 23
 Btl #: 27
 Notes:

Geotracess R/V Thompson Membrane Sample Log

Sample Date: 11/13/13
 UTC Start: 1711
 UTC End: 1808

Station/Cast: S5 C45
 GT Event #: 4067
 Nuts Rack: white
 Salts Rack: 0
 Samplers: LARS1 SR
 Notes: DCM = 75

Geotraces #:	Geotraces 2460	Geotraces 2462	Geotraces 2464	Geotraces 2466	Geotraces 2468	Geotraces 2470	Geotraces 2472	Geotraces 2474	Geotraces 2476	Geotraces 2478	Geotraces 2480	Geotraces 2482
GoFlo Number:	12	14	20	22	32	38	40	42	44	46	48	50
Depth (m):	500	380	330	265	200	150	120	85	75	55	40	20
Filter Holder #:	14	15	16	17	18	19	20	21	22		23	24
Filter diameter:	25 mm											25
Position #:	2	4	6	8	10	12	14	16	18	20	22	24

Filtered Volume (L)	DCM											
Waste:	5.70	2.58	3.60	1.56	1.62	1.74	2.0	1.42	0.89		1.70	0.7
Drawn:	3.69	3.69	3.69	3.69	3.69	3.69	2.5	2.5	2.5		2.5	1.0
Total:	9.39	6.27	7.29	5.25	5.31	5.43	4.5	3.92	3.39		4.2	1.7
Start Time:	2109	2109	2111	2115	2116	2120	2122	2123	2125		2128	2118
End Time:	1909	1909	1912	1915	1916	1920	1921	1922	1925		1927	1928

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 3.69L

Did not filter

Notes: **All filtered volume is 3.815L

#2482 - FH #25, 2nd sequential sample
 Volume = 1.25L

#2477 - FH #20, T_{vol} = 2.1L
 ~ 30 mins

2472, 74, 76, 80, 82 get Se thru Aeropak

2482 - As also thru Aeropak

2482 process blank FH #27 = 2.0L

1 g