

Plume
Geotraces Intercalibration Cruise
Hydrocast Log Sheet

Station ID: Station 18 Cast 2 Observations: (wind speed and direction, weather, atm. press, ect...)
 Station Depth (m): 2645 m Calm, Windy WS = 15 knts
 Latitude: 14° 59.01 S Ca min = 375 m F max = 90 m
 Longitude: 112° 45.02 W Event # 4233 wirecut = 2631 m
 Start Date/Time (GMT): 11/21/13 0032 Observers: GC, LR, CZ, CP
 CTD Carousel: Geotraces
 Finish Date/Time (GMT): 11/21/13 0232 CTD File: GT-EP2T-018-02.nex

Rosette Pos. #	Bottle #	Pylon #	Depth (dB)	Sal	Nut	Unfilt. TEI	Filter Type	Label ID	Notes:
1	48	2	2625	1	1			Geotraces 8410	- Nutrient data no good mistrip? yes mtn
2	12	2	2625	2	2			Geotraces 8411	
3	39	4	2610	3	3			Geotraces 8412	particle maximum
4	14	4	2610	4	4			Geotraces 8413	"
5	49	6	2575	5	5			Geotraces 8414	
6	20	6	2575	6	6			Geotraces 8415	
7	51	8	2550	7	7			Geotraces 8416	- resnapped top Ball * Nutrients Bad miss trip yes mtn
8	22	8	2550	8	8			Geotraces 8417	
9	41	10	2525	9	9			Geotraces 8418	
10	32	10	2525	10	10			Geotraces 8419	
11	17	12	2500	11	11			Geotraces 8420	Sharp particle max.*

absent @ up cast

Rosette Pos. #	Bottle #	Pylon #	Depth (dB)	Sal	Nut	Unfilt. TEI	Filt. TEI	Label ID	Notes:
12	38	12	2500	12	12			Geotraces 8421	*Sharp particle maximum*
13	50	14	2475	13	13			Geotraces 8422	
14	40	14	2475	14	14			Geotraces 8423	
15	9	16	2450	15	15			Geotraces 8424	Broad particle max.
16	42	16	2450	16	16			Geotraces 8425	Broad particle maximum
17	34	18	2425	17	17			Geotraces 8426	
18	44	18	2425	18	18			Geotraces 8427	
19	35	20	2400	19	19			Geotraces 8428	Top of plume*
20	26	20	2400	20	20			Geotraces 8429	Top of plume
21	47	22	2375	21	21			Geotraces 8430	-Nutmat detected miss trip? 4 th good 5 th 6 th
22	45	22	2375	22	22			Geotraces 8431	
23	15	24	2350	23	23			Geotraces 8432	Above plume - Noise from sprig
24	27	24	2350	24	24			Geotraces 8433	Above plume - Still leaking when pressurized

Event # 4233

*absent @ up cast