

U.S. GEOTRACES

## 30-ODF Sample Log (EPZT - Super/Full "Regular") Page 1 of 2

Event #: 4068			Date: 11/03/13					Oxy Box: 0		Salt Box: 5				
Station: 5			UTC Time (Cast Up): 21:07					Nut Box: black		Trit Box: 2448				
Cast: 6 ODF-Deep + cores			UTC Time (Sampling Done): 22:20											
Niskin	Nominal Depth	Geotraces Number	Unfiltered			Unfiltered			Unfiltered			Unfiltered	(Nisk)	
			Fine CFCs	Jenkins 3He	Altabet N2/Ar	ODF Oxy	OxyT	Casc. N2O	Bates DIC	Jenkins 14C-13C	ODF Nuts			ODF Salt
CORER	2076	2495 <sup>①</sup>	<del>1</del>	<del>1</del>	<del>1</del>	<del>1000</del>	<del>4.2</del>	<del>1</del>	<del>69</del>	<del>4160</del>	<del>113</del>	<del>125</del>	<del>X</del>	"13"
1	2057	2483	1	1✓	1	1000	4.2	1	69	4160	113	125	X	1
2	2050	2484	2	2✓	2	1515	4.0	2	70	4166	114	126	X	2
3	2000	2485	3	3✓	3	707	4.2	3	71	143	115	127	X	3
4	1900	2486	4	4✓ <sup>②</sup>	4	1297	4.4	4	72	4153	116	128	X	4
5	1800	2487	5	5✓	5	1844	4.6	5	73	4159	117	129	X	5
6	1600	2488	6	6✓	6	1796	4.7	6	74	133	118	130	X	6
7	1400	2489	7	7✓	7	1602	5.2	7	75	4171	119	131	7	7
8	1200	2490	8	8✓	8	1220	5.6	8	76	4152	120	132	8	8
9	1000	2491	9	9✓	9	1644	6.4	9	77	4158	121	133	9	9
10	800	2492	10, 14	10✓	10	1761	7.4	10	78	4164	122	134	10	10
11	600	2493	11	11✓	11	1027	8.6	11	79	4170	123	135	11	11
12	500 <sup>③</sup>	2494	12	12✓	12	1089	9.4	12	80	130	124	136	12	12
FISH	2		<del>1</del>	<del>1</del>	<del>0.5</del>	<del>1</del>	<del>-</del>	<del>1</del>	<del>1.2</del>	<del>0.8</del>	<del>0.3</del>	<del>0.5</del>	<del>1</del>	"25"
Approx. Volume (L):			1	1	0.5	1	-	1	1.2	0.8	0.3	0.5	1	
Sampler's Initials:			JH	BL	BP	SMB	-							

## Comments:

① CORER CAME UP EMPTY, GRIME AROUND RIM SHOWS CORER PENETRATED, BUT SEDIMENT WASHED OUT ON WAY UP. (~3mm gap between base of core + catcher).

② Last top of Cu tube in 1st of 3 He/4He samples from Niskin #4.

③ CFC sampling ⇒ Bad leak on 12, water feels anomalously warm ⇒ SUSPECT (i)

(pg.1) 8.3  
 (pg.2) 18.5  
 Total Volume (L): 26.8

## ODF Rosette Sample Log (EPZT – Shelf Pena/Fleisher Page 2 of 2)

Event #: 4068		Date: 11/03/13										
Station: #5 Shelf-1		UTC Time (Cast Up): 21107										
Cast: #6 ODF-shelf deep		UTC Time (Sampling Done):										
Niskin	Nominal Depth	Geotrace Number	Filt.*	Filtered Acropak capsule**								
			Carlson DOC	Casciotti 15N-Nitrite	Casciotti 15N-Nitrate	Lamborg Thiols	Kenna Pu/Np/Cs/Sr	Anderson Th/Pa	Pena Nd/REE	LDEO Archive	Kenna U-236/I-129	Acropak capsule
CORER	2076	2495	X	X	X	X	X	X	X	X	X	X
1	2057	2483	✓	✓	✓	✓	X	X	X	X	X	LDF-111
2	2050	2484	✓	✓	✓	✓	X	1905	1906	1907	X	LDF-110
3	2000	2485	✓	✓	✓	✓	X	X	X	X	X	LDF-109
4	1900	2486	✓	✓	✓	✓	X	X	X	X	X	LDF-108
5	1800	2487	✓	✓	✓	✓	99	X	X	X	X	LDF-107
6	1600	2488	✓	✓	✓	✓	X	X	X	X	X	LDF-106
7	1400	2489	✓	✓	✓	✓	X	1899	1903	1904	X	LDF-105
8	1200	2490	✓	✓	✓	✓	X	X	X	X	X	LDF-104
9	1000	2491	✓	✓	✓	✓	X	X	X	X	X	LDF-103
10	800	2492	✓	✓	✓	✓	X	X	X	X	X	LDF-102
11	600	2493	✓	✓	✓	✓	100	X	X	X	X	LDF-101
12	500	2494	✓	✓	✓	✓	X	X	X	X	X	LDF-100
Blanks				X	X	X	X	3306	3307	3308	X	
Approx. Volume (L):			0.1	0.1	0.3	0.2	20	5.2	5.2	5.2		
Sampler's Initials:			MF/LP	MF/LP	MF/LP	MF/LP	MF/LP	MF/LP	MF/LP	MF/LP	MF/LP	

\* Carlson Filters: pre-combusted GFF (47mm diam./~1µm)

\*\* Acropak 500 capsules: Supor 0.8/0.45µm membranes

comments: Corer failed to recover sediment

Total Volume (L): 36.3