



30-ODF Sample Log (EPZT – Super/Full “Regular”) Page 1 of 2

Event #: 4327	Date: 12/02/13	Oxy Box: D	Salt Box: E
Station #: 25	UTC Time (Cast Up): 06:12	Nut Box: Black	Trit Box:
Cast #: 9 ODF-deep w/corer	UTC Time (Sampling Done): 07:15		

Niskin	Nominal Depth	Geotracess Number	Unfiltered			Unfiltered			Unfiltered			Unfiltered			(Nisk)	
			Fine CFCs	Jenkins 3He	Altabet N2/Ar	ODF Oxy	OxyT	Casc. N2O	Resing Mn	Bates DIC	Jenkins 14C-13C	ODF Nuts	ODF Salt	Jenkins 3H		
CORER	X	9300	X	X	X	X	X	X	X	X	X	X	X	X	X	“13”
1	3925#d	9288	X	1✓	1	1155	3.5	1	X	457	X	1✓	1✓	X		1
2	3900	9289	X	2✓	2	1769	5.7	2	X	X	X	2✓	2✓	X		2
3	3750#d	9290	X	3✓	3	1724	6.0	3	X	458	X	3✓	3✓	X		3
4	3500	9291	X	4✓	4	1732	3.1	4	X	X	X	4✓	4✓	X		4
5	3250	9292	X	5✓	5	1510	6.4	5	X	459	X	5✓	5✓	X		5
6	3000#d	9293	X	6✓	6	1726	6.3	6	X	X	X	6✓	6✓	X		6
7	2900	9294	X	7✓	7	1022	6.4	7	X	460	X	7✓	7✓	X		7
8	2800	9295	X	8✓	8	1688	6.7	8	X	X	X	8✓	8✓	X		8
9	2750	9296	X	9✓	9	1653	7.3	9	X	461	X	9✓	9✓	X		9
10	2700	9297	X	10✓	10	1138	7.4	10	X	X	X	10✓	10✓	X		10
11	2650#d	9298	X	11✓	11	1460	7.7	11	X	462	X	11✓	11✓	X		11
12	2600	9299	X	12R✓	12	1687	8.0	12	X	X	X	12✓	12✓	X		12
FISH	2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	“25”
Approx. Volume (L):			1	1	0.5	1	--		1	1.2	0.8	0.3	0.5	1		
Sampler's Initials:			X	BL	BP	SMB	--	BP	X	JH	X	← SMB →		X		

Comments:

Depth where McLane pumps were deployed

NB ~ 20cm core ☺

!! NISKIN 8 ⇒ LEAKY @ 3He DRAW ⇒ WACKA WACKA!

* NISKIN 12 ⇒ RETAKE FOR 3He

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

U.S. GEOTRACES

ODF Rosette Sample Log (EPZT – Super/Full) Pena/Fleisher Page 2 of 2

Event #: 4327		Date: 12/02/13											
Station #: 25		UTC Time (Cast Up):											
Cast #: 9 ODF-deep w/corer		UTC Time (Sampling Done): 08:00											
		Filt.*		Filtered Acropak capsule**									
Niskin	Nominal Depth	Geotracess Number	Carlson DOC	Casciotti 15N-Nitrite	Casciotti 15N-Nitrate	Lamborg Thiols	Brzezinski Si-Isotopes	Anderson Th/Pa	Pena Nd/REE	LDEO Archive	Acropak Capsule #	Niskin	
CORER		9300	X	X	X	X	X	X	X	X	X	"13"	
1	3925#d	9288	✓	✓	✓	X	1 liter	3087	3088	3089	P-025	1	
2	3900	9289	✓	✓	✓	X	1 liter	3084	3085	3086	P-026	2	
3	3750#d	9290	✓	✓	✓	X	1 liter	3081	3082	3083	P-027	3	
4	3500	9291	✓	✓	✓	X	1 liter	3078	3079	3080	P-028	4	
5	3250	9292	✓	✓	✓	X	1 liter	X	X	X	P-029	5	
6	3000#d	9293	✓	✓	✓	X	1 liter	3075	3076	3077	P-030	6	
7	2900	9294	✓	✓	✓	X	1 liter	X	X	X	P-031	7	
8	2800	9295	✓	✓	✓	X	1 liter	X	X	X	P-032	8	
9	2750	9296	✓	✓	✓	X	1 liter	3072	3073	3074	P-033	9	
10	2700	9297	✓	✓	✓	X	1 liter	X	X	X	P-034	10	
11	2650#d	9298	✓	✓	✓	X	1 liter	3069	3070	3071	P-035	11	
12	2600	9299	✓	✓	✓	X	1 liter	3066	3067	3068	P-036	12	
FISH	X	X	X	X	X	X	X	X	X	X	X	"25"	
Approx. Volume (L):			0.1	0.1	0.3	0.2	1.2	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			

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

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

Depth where McLane pumps were deployed

Comments: poor core recovery, second time in a row

Brzezinski Si
Thiols1 liter
X

Total Volume (L): 17.5

#s	shallow pump
#m	mid pump
#d	deep pump

BH. 3 was sampled for
DOC + Casciotti sample
MST
✓ fixed in db - MST