

U.S. GEOTRACES

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

Event #: 4235		Date: 11/21/13		Oxy Box: D		Salt Box: L								
Station #: 18		UTC Time (Cast Up): 11:50		Nut Box: BLACK		Trit Box: Q018								
Cast #: 4 ODF-shallow		UTC Time (Sampling Done): 13:08												
Niskin	Nominal Depth	Geotracers Number	Unfiltered		Altabet N2/Ar	Unfiltered		Cas. N2O	Bates DIC	Unfiltered		Unfiltered		(Nisk)
			Fine CFCs	Jenkins 3He		ODF Oxy	OxyT			Jenkins 14C-13C	ODF Nuts	ODF Salt	Jenkins 3H	
CORER	X	X	X	X	X	X	X	X	X	X	X	X	X	"13"
1	1200#m	8442	1	1✓	1	1060	7.0	1	307	4251	13✓	13✓	<del>X</del>	1
2	1000#m	8443	2	2✓	2	1515	7.4	2	308	3545	14✓	14✓	2	2
3	800	8444	3	3✓	3	707	8.3	3	309	3539	15✓	15✓	3	3
4	600#s#m	8445	4	4✓	4	1297	9.6	4	310	3533	16✓	16✓	4	4
5	400#s	8446	5	5✓	5	1844	11.9	5	311	3526	17✓	17✓	5	5
6	355#s	8447	6	6✓	6	1796	12.9	6	312	161	18✓	18✓	6	6
7	305	8448	7	7✓	7	1602	14.0	7	313	158	19✓	19✓	7	7
8	200#s	8449	8	8✓	8	1220	20.8	8	314	3534	20✓	20✓	8	8
9	150#s	8450	9	9✓	9	1644	22.3	9	315	3527	21✓	21✓	9	9
10	95#s	8451	10	10R✓	10	1761	23.5	10	316	151	22✓	22✓	10	10
11	60#s	8452	11,13	11✓	11	1027	24.5	11	317	3541	23✓	23✓	11	11
12	20#s	8453	12	12✓	12	1089	25.0	12	318	3535	24✓	24✓	12	12
FISH	2	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:			JH	BL	BP	MM	-	BP	(JH+BL)	MM	MM	BL		
Comments:														
# Depth where McLane pumps were deployed														
NISKIN 10 = Retake for He-3														
												(pg.1)	8.3	
												(pg.2)	18.5	
												Total Volume (L):	26.8	

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



Event #: 4235			Date: 11/21/13									
Station #: 18			UTC Time (Cast Up):									
Cast #: 4 ODF-shallow			UTC Time (Sampling Done): 1405									
			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	X	X	X	X	X	X	X	X	X	X	X	"13"
1	1200#m	8442	✓	✓	✓	✓	2 liter	2739	2740	2741	P-1	1
2	1000#m	8443	✓	✓	✓	✓	2 liter	2736#c	2737	2738	P-2	2
3	800	8444	✓	✓	✓	✓	2 liter	2733	2734	2735	P-3	3
4	600#s#m	8445	✓	✓	✓	✓	2 liter	2406	2407	2408	P-4	4
5	400#s	8446	✓	✓	✓	✓	2 liter	X	X	X	P-5	5
6	355#s	8447	✓	✓	✓	✓	2 liter	X	X	X	P-6	6
7	305	8448	✓	✓	✓	✓	2 liter	2403#c	2404	2405	P-7	7
8	200#s	8449	✓	✓	✓	✓	2 liter	2400	2401	2402	P-8	8
9	150#s	8450	✓	✓	✓	✓	2 liter	X	X	X	P-9	9
10	95#s	8451	✓	✓	✓	✓	2 liter	2397#c	2398	2399	P-10	10
11	60#s	8452	✓	✓	✓	✓	2 liter	2394#c	2395	2396	P-11	11
12	20#s	8453	✓	✓	✓	✓	2 liter	X	X	X	P-12	12
@FISH	X	X	X	X	X	X	X	2391	2392	2393		"25"
Approx. Volume (L):			0.1	0.1	0.3	0.2	2.2	5.2	5.2	5.2		
Sampler's Initials:								MF/LP	MF/LP	MF/LP		

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

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

Comments:

Brzezinski Si 2 liter Thiols ✓

@c	Colloid sample
#s	shallow pump
#m	mid pump

#d deep pump