

U.S. GEOTRACES

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

Event #: 4393		Date: 12/09/13				Oxy Box: D				Salt Box: L							
Station #: 30		UTC Time (Cast Up): 04:19				Nut Box: Black				Trit Box: Q425							
Cast #: 6 ODF-shallow		UTC Time (Sampling Done): 05:20															
Niskin	Nominal Depth	Geotrac Number	Unfiltered	Jenkins 3He	Altabet N2/Ar	ODF Oxy	Unfiltered	Casc. N2O	Resing Mn	Bates DIC	Unfiltered	Jenkins 14C-13C	ODF Nuts	ODF Salt	Unfiltered	Jenkins 3H	(Nisk)
CORER	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	“13”
1	1000	9790	1	1✓	1	1060	11.2			539	4115	1✓	25✓	1		1	
2	865	9791	2	2✓	2	1515	11.8			540	3445	2✓	26✓	2		2	
3	710#s	9792	3	3✓	3	707	12.8			541	300	3✓	27✓	3		3	
4	460#s	9793	4	4H✓	4	1297	14.1			542	4315	4✓	28✓	4		4	
5	360#s	9794	5	5✓	5	1844	16.1			543	4149	5✓	29✓	5		5	
6	280	9795	6	6✓	6	1796	17.9			544	324	6✓	30✓	6		6	
7	200#s	9796	7	7✓	7	1602	21.6			545	3074	7✓	31✓	7		7	
8	155#s	9797	8	8✓	8	1220	23.6			546	4232	8✓	32✓	8		8	
9	110	9798	9	9✓	9	1644	25.5			547	3350	9✓	33✓	9		9	
10	85#s	9799	10	10✓	10	1761	26.1			548	4236	10✓	34✓	10		10	
11	60	9800	11	11✓	11	1027	26.8			549	229	11✓	35✓	11		11	
12	30#s	9801	12	12✓	12	1089	26.9			550	3440	12	36	12		12	
FISH	2	X	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:			JH	BL	BP	SMB	-			JH	BL	SMB	BL				
Comments:																	
# Depth where McLane pumps were deployed																	
*H = HALF-TAKE FOR 3He ON NISKIN 4																	
! NISKIN #11 = LEAKING AT TOP ON CFC DRAW → WACKA WACKA!																	
												(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

U.S. GEOTRACES

Event #: 4393			Date: 12/09/13									
Station #: 30			UTC Time (Cast Up): 04:19									
Cast #: 6 ODF-shallow			UTC Time (Sampling Done): 06:05									
			Filt.*	Filtered Acropak capsule**								
Niskin	Nominal Depth	Geotraces 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	1000	9790	✓	✓	✓	X	X	2418	2419	2420	P-001	1
2	865	9791	✓	✓	✓	X	X	X	X	X	P-002	2
3	710#s	9792	✓	✓	✓	X	X	2415	2416	2417	P-003	3
4	460#s	9793	✓	✓	✓	X	X	2412	2413	2414	P-004	4
5	360#s	9794	✓	✓	✓	X	X	2409	2410	2411	P-005	5
6	280	9795	✓	✓	✓	X	X	X	X	X	P-006	6
7	200#s	9796	✓	✓	✓	X	X	3277	3278	3279	P-007	7
8	155#s	9797	✓	✓	✓	X	X	3274	3275	3276	P-008	8
9	110	9798	✓	✓	✓	X	X	X	X	X	P-009	9
10	85#s	9799	✓	✓	✓	X	X	3271	3272	3273	P-010	10
11	60	9800	✓	✓	✓	X	X	X	X	X	P-011	11
12	30#s	9801	✓	✓	✓	X	X	3268	3269	3270	P-012	12
FISH	2	X	✓	X	X	X	X	3265	3266	3267	X	"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	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: Fish from Event #4394, GT#9802

Brzezinski Si X
Thiols X

Total Volume (L): 18.5

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