

## MAD (Moisture and Density) Logsheet - Balance and pycnometer measurements

Exp. 392

Site/Hole U1581A

Core/Section,	Offset	Text ID example: SHLF 3215071	container #	Mass Wet (g)	Mass dry (g)	Sample volume cm <sup>3</sup>	Pycnomet. cell #	Comments
1H 23	24cm	CYL 11425661	32594	14.142	8.114	3.029	2	brownish lithology; balances tared
1H 4	91cm	CYL 11425671	32595	16.670	10.452	3.917	1	green lithology
2H 2	94cm	CYL 11426111	32594	9.784	5.861	2.193	2	
2H 5	68cm	CYL 11426121	32595	9.608	5.591	2.065	3	
3H 2	23cm	CYL 11426801	32596	9.100	5.121	1.897	4	
3H 5	103cm	CYL 11426811	32597	13.871	8.319	3.085	5	
4H 2	53cm	CYL 11427701	32598	16.066	10.497	3.908	1	
4H 5	26cm	CYL 11427711	32599	16.503	9.319	3.480	2	
5H 2	38cm	CYL 11427891	32600	16.964	11.031	4.112	3	
5H 5	123cm	CYL 11427901	32601	17.570	7.349	2.744	4	
6H 2	50cm	CYL 11427911	32602	16.896	11.148	4.116	5	
6H 5	41cm	CYL 11427921	32603	16.640	9.586	3.968	6	

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7H-2	58	SHLF 11426341	32604	12.874	8.441	3.184	1	
7H-5	114	SHLF 11426431	32605	17.200	11.685	4.404	2	
8H-2	50	SHLF 11426871	32606	12.216	7.383	2.745	3	
8H-5	30	SHLF 11426961	32607	11.288	7.485	2.816	4	
9H-2	70	CYL 11430171	32608	16.389	11.557	4.288	1	
9H-5	60	CYL 11430181	32609	11.169	7.117	2.633	3	
10H-2	60	CYL 11430901	32610	17.858	11.792	4.324	4	
10H-5	60	CYL 11430911	32611	15.490	10.144	3.727	5	
11H-2	60	CYL 11431341	32612	12.046	8.035	2.991	1	
11H-5	60	CYL 11431351	32613	15.776	10.980	4.043	2	
12H-2	50	CYL 11431821	32614	14.051	10.051	3.695	4	
12H-5	50	CYL 11431831	32615	13.174	9.278	3.394	5	

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13H2	70cm	CYL 11432361	32616	<del>12.885</del> 12.885	8.757	3.254	1	
13H6	60cm	CYL 11432371	32617	12.886	9.112	3.368	2	
14H2	30cm	CYL 11432921	32618	17.171	12.075	4.427	3	
14H5	82cm	CYL 11432931	32619	17.117	12.740	4.740	5	
15H1	34cm	CYL 11433031	<del>32620</del> 32620	20.884	15.379	5.719	1	
16H3	137cm	CYL 11433511	32621	12.814	8.956	3.286	2	
16H5	138cm	CYL 11433521	32622	14.816	10.726	3.958	3	
17H1	140cm	CYL 11433641	32623	14.025	9.822	3.569	1	
17H3	130cm	CYL 11433651	32624	13.803	9.664	3.622	2	
18H2	100cm	CYL 11433721	32625	12.209	9.173	3.384	3	
18H5	69cm	CYL 11433731	32626	9.910	7.016	2.597	4	
19H2	56cm	CYL 11434211	32627	18.086	13.423	4.886	2	

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Core/Section,	Offset	Text ID example: SHLF 3215071	container #	Mass Wet (g)	Mass dry (g)	Sample volume cm <sup>3</sup>	Pycnomet. cell #	Comments
20H-2	65cm	CYL 11434261	32628	15.928	11.628	4.220	3	
20H-4	64cm	CYL 11434271	32629	11.933	8.694	3.249	4	
21H-3	42cm	CYL 11435201	32630	16.826	12.151	4.505	1	Balances tared (0.0030g)
21H-4	36cm	CYL 11435211	32631	13.233	9.738	3.538	3	
23H-1	55	CYL 11435381	32632	11.931	8.338	3.037	4	
24H-1	90	CYL 11435801	32633	12.222	9.575	3.467	5	
26H-2	60	CYL 11436861	32634	11.213	8.908	3.244	1	
26H-4	60	CYL 11436871	32635	10.709	8.597	3.192	2	
27H1	50	CYL 11437491	32636	10.257	7.769	2.800	4	
27H3	120	CYL 11437501	32637	14.131	11.017	4.055	5	
28H21	51	CYL 11438021	32638	18.623	14.563	5.398	1	
28H3	81	CYL 11438031	32639	14.872	11.010	4.092	2	from possible turbidite layer

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29H-2	77cm	CYL 11438181	32648	14.482	<del>11.340</del> 11.665	4.187	354	
30F-1	35cm	CYL 11438611	32641	15.119	<del>11.224</del> 11.665	4.283	65	
31F-1	29cm	CYL 11438671	32642	14.519	11.224	4.152	6	
32F-1	102cm	CYL 11438891	32643	17.363	13.366	4.976	1	
33F-2	65cm	CYL 11439601	32644	16.942	13.249	4.924	2	
34F-2	64cm	CYL 11439851	32645	16.167	12.447	4.646	3	
35F-1	63cm	CYL 11440031	32646	12.242	9.381	3.434	4	
36F-2	66cm	CYL 11440281	32647	20.254	16.092	5.940	6	
37F-2	79	CYL 11440481	32648	13.017	10.267	3.797	1	
38F-1	31	CYL 11440651	32649	15.312	12.097	4.405	2	
39X-1	69	CYL 11440921	32650	12.293	9.891	3.604	3	
40X-2	49	CYL 11441111	32651	11.541	9.181	3.322	4	

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Core/Section,	Offset	Text ID example: SHLF 3215071	container #	Mass Wet (g)	Mass dry (g)	Sample volume cm <sup>3</sup>	Pycnomet. cell #	Comments
41 X-1	37	CYL 11441181	32652	10.518	8.339	3.032	2	
			HOLE					
2R2	70	CYL 11443581	32653	15.267	11.793	4.283	1	
3R2	109	CYL 11443691	32654	12.385	9.439	3.437	2	
4R2	78cm	CYL 11444181	32655	15.630	12.248	4.420	4	balances tared
4R4	89cm	CYL 11444821	32656	15.753	11.575	4.135	5	
5R2	81cm	CYL 11444911	32657	15.736	11.954	4.349	1	
5R4	102	CYL 11444921	32658	10.316	7.733	2.791	2	
6R2	84	CYL 11445451	32659	15.694	11.854	4.242	3	
6R4	72	CYL 11445461	32660	13.681	10.187	3.635	4	
7R2	45	CYL 11445911	32661	14.511	11.028	3.967	1	
7R4	139	CYL 11445921	32663	15.131	11.318	4.018	3	

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Core/Section,	Offset	Text ID example: SHLF 3215071	container #	Mass Wet (g)	Mass dry (g)	Sample volume cm <sup>3</sup>	Pycnomet. cell #	Comments
8R-2	55	CYL 114 46271	32662	20.585	15.630	5.959	2	
<del>8R-2</del>	<del>25</del>							
9R-1	83	CYL 114 46911	32664	15.434	10.913	3.932	2	
10R-1	70	CYL 114 47291	32665	6.665	4.798	1.793	3	
11R-3	62	CYL 114 47721	32666	10.846	8.135	2.935	4	
12R-2	84	114 48241	32667	13.835	9.974	3.595	5	
13R-2	24cm	CYL 114 48651	32668	14.775	11.103	3.996	1	
14R-1	106cm	CYL 114 49261	32669	13.034	9.438	3.449	3	
14R-3	137cm	CYL 114 49331	32670	9.054	6.239	2.248	4	
15R-3	21cm	CYL 114 50051	32671	8.927	5.863	2.103	5	
16R-2	95cm	CYL 114 50251	32672	9.512	6.376	2.340	6	dark lithology
<del>16R-2</del>	69	114 51591	32673	17.575	12.421	4.437	1	

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Core/Section,	Offset	Text ID example: SHLF 3215071	container #	Mass Wet (g)	Mass dry (g)	Sample volume cm <sup>3</sup>	Pycnomet. cell #	Comments
19R-G	79	CYL 11451601	32674	7.283	4.877	1.684	2	
20R-2	75	CYL 11452161	32675	10.041	7.122	2.555	1	
20R-5	73	CYL 11452171	32676	10.484	7.251	2.523	4	
21R-3	25	CYL 11452771	32677	9.877	6.462	2.237	2	
22R-3	67	CYL 11453001	32678	9.990	7.159	2.535	3	
22R-5	76	11453011	32679	11.562	8.379	2.951	5	
23R-2	64	11453411	32680	12.399	9.513	3.512	1	
23R-4	60	11453421	32681	8.886	6.361	2.269	2	
24R-21	51	CYL 11454021	32682	10.859	7.653	2.897	3	balances tard (0.0041g)
24R-3	142	CYL 11454031	32683	11.108	7.791	2.765	4	
25R-2	107	CYL 11454541	32684	8.370	5.989	2.091	1	
25R-4	70	CYL 11454551	32685	10.703	7.635	2.703	2	



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Core/Section,	Offset	Text ID example: SHLF 3215071	Container #	Mass Wet (g)	Mass dry (g)	Sample volume cm <sup>3</sup>	Pycnomet. cell #	Comments
26R2	62cm	CYL 11455501	32686	12.020	<del>10.005</del> 8.496	2.978 9.171	01	
26R5	69cm	CYL 11455511	32687	12.841	9.458	3.360 14.1	2	
27R2	26cm	CYL 11455891	32688	11.271	8.125	2.878	2	
27R5	120	CYL 11455901	32689	13.366	9.507	3.348	3	
28R2	41	11456361	32690	11.557	8.303	2.924	4	
28R5	79	11456371	32691	12.586	8.710	3.086	5	
29R2	98	11456761	32692	10.585	7.572	2.650	1	
29R4	67	11456761	32693	11.685	8.493	3.000	3	
30R2	103	11457501	32694	12.838	9.110	5.217	4	
30R6	83	11457511	32695	12.101	8.864	5.124	5	
31R2	5	11457871	32696	13.885	9.821	3.467	1	
31R7	41	11457881	32697	11.617	8.558	3.009	2	

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Core/Section,	Offset	Text ID example: SHLF 3215071	container #	Mass Wet (g)	Mass dry (g)	Sample volume cm <sup>3</sup>	Pycnomet. cell #	Comments
32R-1	99	11458371	32698	9.658	7.208	2.540	4	
32R-4	74	11458381	32699	12.056	8.693	3.062	5	
33R-4	32	11458801	32701	7.816	5.863	2.071	1	
33R-1	65	11458881	32700	10.483	7.412	<del>2.644</del> 2.844	6	
34R-2	70cm	CYL 11459311	32702	12.312	9.250	3.272	1	
34R-4	130cm	CYL 11459321	32703	13.106	9.832	3.472	2	
35R-2	73cm	CYL 11459791	32704	10.371	7.877	2.758	3	
35R-05	27cm	CYL 11459801	32705	13.794	10.922	4.007	5	
36R-2	5	CYL 11460381	32706	13.884	10.393	3.653	1	
36R-5	132	CYL 11460431	32707	12.557	9.222	3.283	2	
37R-2	71cm	CYL 11460691	32708	11.056	8.430	2.968	3	
37R-5	124cm	CYL 11460701	32709	9.171	6.897	2.447	4	

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Core/Section,	Offset	Text ID example: SHLF 3215071	container #	Mass Wet (g)	Mass dry (g)	Sample volume cm <sup>3</sup>	Pycnomet. cell #	Comments
38R-2	129	CYL 11461241	32710	11.956	8.988	3.159	1	
38R-5	137	CYL 11461251	32711	8.465	6.360	2.225	2	
39R-2	116	CYL 11461711	32712	9.101	6.847	2.351	3	
39R-5	60	CYL 11461721	32713	10.203	7.732	2.698	4	
40R-2	19	11462121	30554	8.867	6.787	2.382	2	
40R-5	12	11462131	30555	11.853	8.891	3.092	3	
41R-1	15	11462681	30556	10.951	8.091	2.849	4	
41R-5	10	11462691	30557	9.523	7.161	2.501	5	
42R-2	2	11463161	30558	10.991	8.361	2.970	1	
42R-5	130	11463171	30559	11.520	8.754	3.121	3	
43R-2	49	11463621	30560	10.717	8.281	2.868	4	
43R-5	31	11463631	30561	11.310	8.584	3.012	5	

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Core/Section,	Offset	Text ID example: SHLF 3215071	container #	Mass Wet (g)	Mass dry (g)	Sample volume cm <sup>3</sup>	Pycnomet. cell #	Comments
44R2	89	CYL 11464531	30562	9.631	7.366	2.556	1	
44R5	115	CYL 11464541	30563	9.816	7.568	2.661	2	
45R2	12	CYL 11465051	30564	13.496	10.504	3.656	4	
45R5	139	CYL 11465061	30565	10.162	7.594	2.682	5	
46R2	109	CYL 11465481	30566	12.676	9.649	3.380	1	
46R5	92	CYL 11465491	30567	12.890	9.821	3.417	2	
47R2	56	CYL 11465881	30568	10.129	8.303	2.980	1	
47R5	119	CYL 11465891	30569	12.451	9.482	3.312		
48R2	119	11466341	30570	10.049	7.631	2.721		
48R6	63	11466351	30571	9.201	6.954	2.460		
49R2	43	11466841	30572	8.514	6.534	2.279		
49R5	67	11466851	30573	10.499	7.947	2.784		

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Core/Section,	Offset	Text ID example: SHLF 3215071	container #	Mass Wet (g)	Mass dry (g)	Sample volume cm <sup>3</sup>	Pycnomet. cell #	Comments
50R2	76	CYL 11467231	30574	12.905	9.930	3.499		
50R5	46	CYL 11467241	30575	13.672	10.710	3.755	1	
51R2	25	CYL 11467721	30576	11.206	8.643	3.040	2	
51R4	124	CYL 11467731	30577	10.814	8.471	2.987	3	
52R2	105	CYL 11468561	30578	11.155	8.675	3.066	4	
52R5	72	CYL 11468571	30579	8.715	6.616	2.368	6	
53R2	109	CYL 11468911	30580	13.004	10.090	3.568	1	
53R5	113	CYL 11468921	30581	15.492	12.002	4.229	2	
54R2	98	CYL 11469331	30582	13.384	10.371	3.676	2	
54R5	67	CYL 11469341	30583	10.888	8.648	3.074	3	
55R2	111	CYL 11469761	30584	11.800	9.449	3.424	4	sandstone
55R4	73	CYL 11469771	30585	10.076	7.835	2.766	5	



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56R2	111cm	CYL 11470291	30586	11.772	9.100 <del>7.631</del>	3.220 <del>2.721</del>	1	
56R5	208cm	CYL 11470301	30587	11.886	9.420 <del>6.954</del>	3.290 <del>2.460</del>	23	
57R2	22cm	CYL 11470741	30588	11.762	9.266 <del>6.536</del>	<del>2.919</del> <del>2.278</del>	21	
57R5	51cm	CYL 11470751	30589	12.634	9.976 <del>7.247</del>	3.213 <del>2.784</del>	52	
58R2	107cm	CYL 11470821	30590	10.070	7.946	2.800	1	
59R2	79	11471611	30591	9.745	7.708	2.747	2	
59R4	34	11471631	30592	9.530	7.575	2.681	3	
60R2	21	11471081	30593	9.860	7.786	2.759	5	
60R5	85	11472041 <del>11471991</del>	30594	6.937	5.606	1.973	1	no mass for container <del>30594</del> tested
61R3	70	11472751	30596	10.327	10.715	3.710	2	
61R5	91	11472761	30597	10.033	7.940	2.797	3	
62R2	114	11472991	30598	10.430	8.313	2.958	4	
62R4	60	11473001	30599	10.526	10.745	3.861	6	

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64R2	79	CYL 11473701	30600	8.841	7.236	2.521	1	
64R5	76	CYL 11473711	30601	17.088	13.906	4.815	2	
63R2	99	CYL 11473791	30602	12.004	9.855	3.417	3	
63R5	42	CYL 11473801	30603	12.527	10.948	3.456	4	
65R2	121	CYL 11474231	30604	10.705	8.669	3.040	1	
65R3	89	CYL 11474241	30605	7.168	5.790	2.087	3	
66R21	8	CYL 11474321	30606	9.126	8.537	2.570	4	Claystone with siderite?
66R4	24	CYL 11474331	30607	14.993	11.959	4.251	5	
67R2	7	CYL 11474741	30608	8.830	8.314	2.460	3	siderite!
67R5	26	CYL 11474751	30609	16.434	12.891	4.551	4	
68R2	70	CYL 11475101	30610	8.465	7.248	2.364	5	claystone w/ siderite
68R5	67	CYL 11475111	30611	14.226	12.126	4.442	1	

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69R2	101	11475741	30612	10.268	8.374	2.946	2	
69R3	80	11475321	30613	8.486	7.394	2.653	4	
70R2	57	11475691	30614	12.628	10.416	3.655	1	
70R6	22	11475701	30615	15.749	12.972	4.573	2	
71R2	16	CYL 11476131	30616	14.103	11.620	4.123	3	
71R4	116	11476141	30617	9.049	7.666	2.590	4	
72R2	33	CYL 11476301	30618	13.449	11.046	3.974	1	
72R5	81	CYL 11476311	30619	10.595	8.485	3.057	2	
73R2	125cm	CYL 11476361	30620	15.530	14.853		1	
73R5	127cm	CYL 11476371	30621	11.050	9.322		2	
74R2	45	CYL 11476471	30622	12.494	11.997		3	
74R5	56	CYL 11476481	30623	10.104	8.543		4	

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