

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

Exp. 382

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Core/Section,	Offset	Text ID example: SHLF 3215071	container #	Mass Wet (g)	Mass dry (g)	Sample volume cm ³	Pycnomet. cell #	Comments
1 F 3	70	CYL 9856121	28405	11.893	2.696	1.146	2	Done, measured,
2 H1	80	CYL 9858581	28406	9.304	2.161	0.911	3	Vials put away
2 H3	79	CYL 9858591	28407	9.596	2.262	0.969	4	
2 H5	74	CYL 9858601	28408	6.722	1.662	0.703	5	
2 H7	39	CYL 9858611	28409	13.402	4.446	1.774	6	
3 H1	80	CYL 9859681	28410	13.931	6.556	2.443	1	
3 H2	68	CYL 9859691	28411	13.210	6.042	2.288	3	
3 H4	80	CYL 9859701	28412	12.181	6.011	2.269	4	
3 H6	80	CYL 9859711	28413	8.898	4.706	1.763	5	
4 H1	80	CYL 9860001	28414	10.313	4.139	1.668	1	
4 H3	80	CYL 9860011	28415	12.356	4.791	1.911	2	
4 H5	80	CYL 9860021	28416	11.534	4.069	1.618	3	

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4H7	60	CYL 9860031	28417	9.758	3.632	1.488	4	Done, measured
5H2	75	CYL 9806491	28418	13.891	5.053	2.036	5	vials put away
5H4	75	CYL 9806501	28419	12.733	4.389	1.804	1	
5H6	75	CYL 9806511	28420	12.276	3.891	1.655	2	
6H-2	70	CYL 9861051	28421	11.096	3.663	1.505	3	
6H-4	70	CYL 9861061	28422	13.584	4.959	2.018	4	
6H-6	70	CYL 9861071	28423	15.547	8.837	3.285	5	
7H2	70	CYL 9861761	28424	15.023	7.364	2.786	1	
7H4	70	CYL 9861771	28425	11.576 11.56	5.044	1.990	2	
7H6	70	CYL 9861781	28426	10.870	6.304	2.276	3	
8H1	75	CYL 9862541	28427	11.817	4.288	1.813	4	
8H2	75	CYL 9862551	28428	15.829	9.146	3.424	5	

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8 H 7	50	CYL 9862561	28429	12.282 12.274	3.865	1.622	1	Done, measured.
9 H 1	70	CYL 9863091 9862571	28430	12.427	5.777	2.267	2	vials put away
9 H 6	70	CYL 9863101	28431	10.352	4.171	1.714	3	
10 H 1	90	CYL 9863621	28432	9.986	3.938	1.633	1	
10 H 5	60	CYL 9863631	28433	9.374	4.240	1.727	2	
10 H 7	70	CYL 9863641	28434	14.541	8.397	3.160	3	wt
10 H 8	20	CYL 9863651	28435	13.486	5.960	2.400	4	
11 H 1	75	CYL 9863861	28436	16.729	10.332	3.360	5	
11 H 3	75	CYL 9863871	28437	11.568	4.511	1.884	1	
11 H 5	77	CYL 9863881	28438	11.343	6.197	2.403	2	
12 H 2	75	CYL 9864331	28439	11.609	4.616 4.296	1.882	3	
12 H 5	75	CYL 9864341	28440	9.374	4.296	1.765	4	

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13H2	84	CYL 9865021	28441	15.065	8.405	3.171	1	Done, measured,
13H4	83	CYL 9865031	28442	14.851	8.271	3.180	2	vials put away
13H5	40	CYL 9865041	28443	16.025	9.002	3.381	3	
13H7	40	CYL 9865051	28444	11.191	4.793	1.983	4	
14H1	80	CYL 9865651	28445	13.624	6.7456	2.849	1	
14H3	78	CYL 9865661	28446	13.639	6.841	2.663	2	
14H5	80	CYL 9865671	28447	17.473	10.882	3.939	3	
14H7	43	CYL 9865681	28448	17.429	11.224	4.128	4	
15H1	62	CYL 9866301	28449	13.590	7.529	2.911	1	
15H3	78	CYL 9866311	28450	15.257	8.269	3.229	2	
15H4	50	CYL 9866321	28451	16.102	9.133	3.514	4	
15H6	80	CYL 9866331	28452	17.725	11.539	4.247	5	

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16H2	70	CYL 9867131	28453	12.682	6.622	2.583	6	Done, measured,
16H4	5	CYL 9867141	28454	15.397	8.946	3.349	1	vials put away
16H5	80	CYL 9867151	28455	16.762	11.184	4.063	2	
16H7	40	CYL 9867161	28456	15.834	9.871	3.687	3	
17H1	68	CYL 98671681	28457	12.371	6.330	2.491	5	
17H3	100	CYL 98671691	28458	14.831	7.802	2.876	6	
17H5	36	CYL 98671701	28459	14.513	9.417	3.451	1	
17H6	60	CYL 98671711	28460	18.790	12.450	4.530	2	
18H2	70	CYL 9867841	28461	16.314	10.547	3.839	3	
18H3	38	CYL 9867851	28462	13.950	7.210	2.830	4	
18H5	72	CYL 9867861	28463	13.942	6.955	2.714	6	
18H7	40	CYL 9867870	28464	11.898	6.088	2.360	1	

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19H1	72	CYL 9868501	28465	15.936	9.113	3.504	2	Done, measured.
19H4	41	CYL 9868511	28466	14.043	7.031	2.787	3	vials put away
19H6	70	CYL 9868521	28467	17.319	10.507	3.964	4	
19H8	60	CYL 9868531	28468	14.849	7.604	2.990	5	
20 H1	75	CYL 9869081	28469	12.227	6.225	2.451	2	~2cc of DI water accidentally added to vial. Water removed, but moisture measurement may be off
20 H3	75	CYL 9869091	28470	14.111	8.980	3.308	3	
20 H5	75	CYL 9869101	28471	12.381	6.751	2.638	4	
21 H1	75	CYL 9869651	28472	13.127	7.163	2.782	5	
21 H3	75	CYL 9869661	28473	13.171	6.869	2.692	6	
21 H5	75	CYL 9869671	28474	11.852	6.806	2.570	1	
22 H2	50	CYL 9870401	28475	12.280	5.784	2.292	3	
22 H4	60	CYL 9870411	28476	11.508	5.852	2.331	4	

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22 H 6	70	CYL 9870421	28477	11.936	5.997	2.418	5	
23 H 2	75	CYL 9871081	28478	10.020	4.596	1.847	6	
23 H 4	75	CYL 9871091	28479	12.045	7.191	2.708	1	
23 H 6	75	CYL 9871101	28480	12.152	5.830	2.377	2	
24 F 2	70	CYL 9871431	28481	10.989	5.019	2.023	3	
24 F 2	100	CYL 9871441	28482	12.869	7.485	2.820	1	
25 F 1	75	*CYL 9871621	28483	10.425	4.724	1.965	2	*Cyl $\neq \Delta$ to <u>9879641</u>
25 F 3	50	*CYL 9871631	28484	9.300	4.622	1.827	3	*Cyl $\neq \Delta$ to <u>9879651</u>
26 F 1	70	CYL 9872171	28485	11.972	6.936	2.617	1	
26 F 3	50	CYL 9872181	28486	11.430	5.756	2.318	2	
27 F 1	45	CYL 9872191	28487	10.487	4.272	1.768	3	
28 F 2	80	CYL 9872801	28488	12.108	7.188	2.738	4	

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29 F 1	75	CYL 9872811	28489	10.114	5.215	2.039	5	
29 F 2	75	CYL 9872821	28490	13.995	8.820	3.302	1	
30 F 2	75	CYL 9873311	28491	13.171	7.552	2.951	2	
30 F 3	60	CYL 9873321	28492	14.133	8.911	3.281	3	
31 F 1	70	CYL 9873331	28493	10.430	4.927	2.051	4	
31 F 3	70	CYL 9873341	28494	10.085	5.757	2.236	5	
32 F 1	80	CYL 9873891	28495	15.785	9.922	3.620	1	
33 F 1	60	CYL 9873901	28496	18.032	11.749	4.254	2	
33 F 3	53	CYL 9873911	28497	15.755	9.780	3.663	4	
34 F 3	83	CYL 9874251	28498	15.749	10.639	3.933	5	
34 F 5	33	CYL 9874261	28499	9.974	5.430	2.073	6	
35 F 1	80	CYL 9875281	28500	14.376	10.332	3.668	1	

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35F3	40	CYL 9875291	28501	13.181	7.087	2.763	2	
36F2	82	CYL 9875301	28502	14.371	8.897	3.348	3	
37F2	70	CYL 9875911	28503	17.057	10.685	3.971	5	
38F1	80	CYL 9875920	28504	15.473	9.050	3.278	6	
38F3	64	CYL 9875931	28505	15.521	8.712	3.290	1	
39F2	105	CYL 9876281	28506	13.497	7.738	2.954	2	
40F1	87	CYL 9876291	28507	15.192	9.809	3.588	3	
40F3	52	CYL 9876301	28508	12.281	7.823	2.910	4	
41F2	75	CYL 9877111	28509	12.554	7.004	2.708	1	
42F1	70	CYL 9877131	28510	15.190	8.363	3.271	2	
42F3	68	CYL 9877121	28511	16.134	9.061	3.596	3	
43F2	70	CYL 9877291	28512	13.519	8.647	3.212	4	

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44F1 44F3	68 56	CYL 9877301	28513 28514	12.690	6.907	2.724	5	
44F3	56	CYL 9877311	28514	14.595	8.015	3.108	2	
45F1	70	CYL 9877591	28515	11.611	7.107	2.675	3	- sample dropped after MAD was taken. Small amount (< 1g) lost
45F2	70	CYL 9877601	28516	12.099	7.423	2.783	4	
46F1	70	CYL 9877611	28517	8.927	5.303	1.986	5	
46F3	70	CYL 9877621	28518	13.463	8.625	2.942	6	
47F1	40	CYL 9878001 9877	28519	14.102	9.094	3.308 3.332	1	
47F2	53	CYL 9878011	28520	12.834	7.916	2.919 2.889	3	
48F1	105	CYL 9878021	28521	11.622	6.043	2.405 2.376	4	
48F3	20	CYL 9878031	28522	11.595	6.952	2.637 2.625	5	
49F1	75	CYL 9878261	28523	10.446	6.293	2.393 2.228	6	
49F3	30	CYL 9878271	28524	10.288	6.213	2.309	1	

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50 F1	75	CYL 9878281	28525	8.435	4.865	1.849	2	
50 F2	75	CYL 9878291	28526	8.149	4.474	1.747	3	
51 F1	65	CYL 9878471	28527	8.837	5.703	2.078	1	
51 F3	65	CYL 9878481	28528	7.202	4.410	1.686	2	
52 F1	130	CYL 9878491	28530	9.461	5.790 6.403	2.175	3	
52 F2	25	CYL 9878501	28529	11.176	5.790 6.403	2.503	4	
53 F1	55	CYL 9878831	28531	9.423	5.788	2.205	5	
53 F3	60	9878841	28532	11.655	5.893	2.356	1	

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Core/Section,	Offset	Text ID example: SHLF 3215071	container #	Mass Wet (g)	Mass dry (g)	Sample volume cm ³	Pycnomet. cell #	Comments
2 R 3	11	CUTS 9896341	28535	10.993	7.143	2.660	2	
2 R 5	40	CUTS 9896351	28536	9.401	5.122	1.993	3	
5 R 1	57	CUTS 9896531	28537	8.646	4.301	1.731	4	
5 R 3	17	CUTS 9896541	28826	8.429	4.027	1.637	5	
6 R 2	30	CUTS 9896741	28827	9.485	5.322	2.012	6	
6 R 4	82	CUTS 9896751	28828	11.572	6.291	2.447	1	
7 R 1	108	QRND 9897581	28829	4.401	2.436	0.909	1	
9 R 1	43	CYL 9898851	28830	5.866	3.527	1.276	2	
9 R 3	75	CYL 9898861	28831	6.260	3.485	1.345	4	
10 R 2	122	CYL 9899191	28832	6.859	3.619	1.414	5	
10 R 4	98	CYL 9898 9899801	28833	7.343	4.500	1.711	6	
12 R 1	55	CUTS 9900631	28834	9.973	6.326	2.302	1	

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12R4	57	CUTS 9900641	28835	10.715	6.500	2.490	2	
13R2	126	CUTS 9901241	28836	11.909	7.558	2.768	3	
13R5	140	CUTS 9901251	28837	9.231	6.282	2.317	4	
14R2	72	CUTS 9901531	28838	8.446	5.342	2.007	5	
15R2	20	CUTS 9902031	28839	12.074	9.095	3.280	1	
15R5	20	CUTS 9902041	28840	10.522	6.916	2.569	2	
16R3	53	CYL 9902611	28841	6.375	4.613	1.640	1	
17R1	96	CYL 9902621	28842	7.312	4.833	1.829	2	
19R1	24	CYL 9903071	28843	5.688	3.615	1.291	3	
19R3	40	CYL 9903131	28844	7.256	5.389	1.979	5	
20R1	29	CYL 9903251	28845	8.273	5.679	2.112	6	
21R1	79	CYL 9903261	28846	8.029	5.455	2.058	6	

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21R3	12	CYL 9903271	28847	7.401 4.40	4.441	1.679	1	
22R2	95	CUTS 9903531	28848	12.687	9.922	3.644	2	
22R3	43	CUTS 9903541	28849	8.781	6.281	2.274	3	
23R1	10	CUTS 9903551	28850	12.337	9.301	3.424	4	
24R1	47	CUTS 9903561	28851	9.431	6.195	2.271	5	
25R2 25R1	30 43	CUTS 9918451	28852	10.131	8.112	3.003	2	
25R1 25R2	43 30	CUTS 9918441	28853	6.674	4.068	1.520	1	
28R1	54	CUTS 9918901	28854	8.709	8.099	3.474	1	
29R1	57	CYL 9919691	28855	8.863	6.962	2.654	1	
29R2	51	CYL 9919701	28856	9.198	7.070	2.557	2	
30R1	111	CYL 9919981	28857	5.906	4.643	1.764	3	
31R1	60	CUTS 9920161	28858	7.229	3.771	1.531	2	

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32R1	124	Cube 9920171	28859	5.862	3.689	1.372	3	
33R1	20	Cube 9920181	28860	6.411	4.974	1.906	4	