

Weeks Bay, Core IX (a.k.a.Core 236)

Determination of water and organic carbon by loss on ignition

Section 1 = 140 cm

Section 3 = 130 cm

Section 2 = 120 cm

Section 4 = 78 cm

#	Sec	Level	Core depth	Crucible tare	Tare + wet	Tare + dry	Tare +550 ash	Wet weight	Dry weight	550 ash weight	Percent Water	Percent Organic
1	1	1	1	5.0669	6.4769	5.6628	5.6200	1.4100	0.5959	0.5531	57.7376	7.1824
2	1	5	5	4.6434	6.0768	5.1882	5.1447	1.4334	0.5448	0.5013	61.9925	7.9846
3	1	10	10	4.7953	6.4396	5.4745	5.4258	1.6443	0.6792	0.6305	58.6937	7.1702
4	1	15	15	4.3169	5.6562	4.8577	4.8233	1.3393	0.5408	0.5064	59.6207	6.3609
5	1	20	20	4.6121	6.1170	5.1711	5.1303	1.5049	0.5590	0.5182	62.8547	7.2987
6	1	25	25	4.3723	5.8839	4.9038	4.8664	1.5116	0.5315	0.4941	64.8386	7.0367
7	1	30	30	4.8589	6.4813	5.5018	5.4586	1.6224	0.6429	0.5997	60.3735	6.7196
8	1	35	35	4.8342	6.6528	5.5824	5.5373	1.8186	0.7482	0.7031	58.8585	6.0278
9	1	40	40	4.9111	6.2412	5.3938	5.3592	1.3301	0.4827	0.4481	63.7095	7.1680
10	1	45	45	4.7495	6.2977	5.3102	5.2739	1.5482	0.5607	0.5244	63.7837	6.4741
11	1	50	50	4.3995	6.0563	5.0401	5.0004	1.6568	0.6406	0.6009	61.3351	6.1973
12	1	55	55	5.2395	6.7614	5.7688	5.7308	1.5219	0.5293	0.4913	65.2211	7.1793
13	1	60	60	5.0814	7.4511	6.1348	6.0777	2.3697	1.0534	0.9963	55.5471	5.4205
14	1	65	65	5.0020	6.7571	5.7952	5.7518	1.7551	0.7932	0.7498	54.8060	5.4715
15	1	70	70	5.0135	7.4184	6.3215	6.2713	2.4049	1.3080	1.2578	45.6110	3.8379
16	1	75	75	4.6209	6.7017	5.7033	5.6547	2.0808	1.0824	1.0338	47.9815	4.4900
17	1	80	80	4.5064	6.1704	5.3220	5.2819	1.6640	0.8156	0.7755	50.9856	4.9166
18	1	85	85	4.9057	6.6885	5.8304	5.7903	1.7828	0.9247	0.8846	48.1322	4.3365
19	1	90	90	4.9942	6.6687	5.9503	5.9153	1.6745	0.9561	0.9211	42.9024	3.6607
20	1	95	95	4.6586	6.9431	5.7539	5.7044	2.2845	1.0953	1.0458	52.0552	4.5193
21	1	100	100	4.7356	6.5717	5.5377	5.5005	1.8361	0.8021	0.7649	56.3150	4.6378
22	1	105	105	4.8874	7.1516	5.8785	5.8299	2.2642	0.9911	0.9425	56.2274	4.9036
23	1	110	110	4.7412	6.4156	5.6301	5.5965	1.6744	0.8889	0.8553	46.9123	3.7800
24	1	115	115	4.8229	6.7708	5.6870	5.6498	1.9479	0.8641	0.8269	55.6394	4.3051
1	1	120	120	5.0666	5.8396	5.4489	5.4335	0.7730	0.3823	0.3669	50.5433	4.0283
2	1	125	125	4.6447	5.5872	5.1028	5.0801	0.9425	0.4581	0.4354	51.3952	4.9552
3	1	130	130	4.7951	5.7459	5.2255	5.2079	0.9508	0.4304	0.4128	54.7329	4.0892
4	1	135	135	4.3157	5.6242	5.0534	5.0263	1.3085	0.7377	0.7106	43.6225	3.6736
5	1	140	140	4.6088	5.8578	5.2518	5.2272	1.2490	0.6430	0.6184	48.5188	3.8258
1	2	1	141	5.0666	6.1608	5.6464	5.6184	1.0942	0.5798	0.5518	47.0115	4.8293
6	2	5	145	4.3677	5.7095	5.1585	5.1378	1.3418	0.7908	0.7701	41.0642	2.6176
3	2	10	150	4.7453	6.3448	5.4819	5.4494	1.5995	0.7366	0.7041	53.9481	4.4122
4	2	15	155	4.3160	6.5821	5.4641	5.4204	2.2661	1.1481	1.1044	49.3359	3.8063
7	2	20	160	4.8564	5.9517	5.3615	5.3408	1.0953	0.5051	0.4844	53.8848	4.0982
6	2	25	165	4.3677	5.8520	5.0889	5.0585	1.4843	0.7212	0.6908	51.4114	4.2152
7	2	30	170	4.8563	6.7403	5.7548	5.7166	1.8840	0.8985	0.8603	52.3089	4.2515
8	2	35	175	4.8342	6.0502	5.3882	5.3635	1.2160	0.5540	0.5293	54.4408	4.4585
9	2	40	180	4.9050	6.4060	5.5646	5.5358	1.5010	0.6596	0.6308	56.0560	4.3663
10	2	45	185	4.7475	6.0590	5.4102	5.3835	1.3115	0.6627	0.6360	49.4701	4.0290
11	2	50	190	4.3479	6.7218	5.4047	5.3608	2.3739	1.0568	1.0129	55.4825	4.1540
8	2	55	195	4.8331	6.1075	5.4492	5.4241	1.2744	0.6161	0.5910	51.6557	4.0740
13	2	60	200	5.0184	7.0241	6.0245	5.9864	2.0057	1.0061	0.9680	49.8380	3.7869
14	2	65	205	4.9469	6.5493	5.7428	5.7121	1.6024	0.7959	0.7652	50.3308	3.8573
15	2	70	210	5.0074	6.9109	6.0216	5.9847	1.9035	1.0142	0.9773	46.7192	3.6383
16	2	75	215	4.6198	6.7499	5.9246	5.8847	2.1301	1.3048	1.2649	38.7447	3.0579
17	2	80	220	4.5031	5.9105	5.1519	5.1214	1.4074	0.6488	0.6183	53.9008	4.7010

18	2	85	225	4.9004	6.4453	5.6203	5.5899	1.5449	0.7199	0.6895	53.4015	4.2228
19	2	90	230	4.9412	6.1154	5.5462	5.5219	1.1742	0.6050	0.5807	48.4756	4.0165
9	2	95	235	4.9049	5.7812	5.3196	5.3008	0.8763	0.4147	0.3959	52.6760	4.5334
21	2	100	240	4.7382	6.5072	5.5537	5.5164	1.7690	0.8155	0.7782	53.9005	4.5739
22	2	105	245	4.8883	6.8009	5.7485	5.7148	1.9126	0.8602	0.8265	55.0246	3.9177
10	2	110	250	4.7465	5.9472	5.2867	5.2626	1.2007	0.5402	0.5161	55.0096	4.4613
24	2	115	255	4.8211	6.7193	5.6236	5.5874	1.8982	0.8025	0.7663	57.7231	4.5109
1	2	120	260	5.0665	6.3867	5.7588	5.7217	1.3202	0.6923	0.6552	47.5610	5.3589
12	3	1	261	5.2376	6.6758	5.9119	5.8882	1.4382	0.6743	0.6506	53.1150	3.5148
13	3	5	265	5.0788	6.0163	5.5200	5.5031	0.9375	0.4412	0.4243	52.9387	3.8305
14	3	10	270	4.9670	6.0001	5.4797	5.4609	1.0331	0.5127	0.4939	50.3727	3.6669
15	3	15	275	5.0079	6.2160	5.5729	5.5507	1.2081	0.5650	0.5428	53.2323	3.9292
16	3	20	280	4.6198	5.7102	5.1887	5.1680	1.0904	0.5689	0.5482	47.8265	3.6386
2	3	25	285	4.6447	6.0636	5.2092	5.1818	1.4189	0.5645	0.5371	60.2157	4.8539
18	3	30	290	4.9004	6.4542	5.6483	5.6202	1.5538	0.7479	0.7198	51.8664	3.7572
19	3	35	295	4.9910	6.6702	5.7803	5.7493	1.6792	0.7893	0.7583	52.9955	3.9275
20	3	40	300	4.6541	6.2381	5.4326	5.4021	1.5840	0.7785	0.7480	50.8523	3.9178
21	3	45	305	4.7377	5.9525	5.3384	5.3139	1.2148	0.6007	0.5762	50.5515	4.0786
22	3	50	310	4.8887	6.0226	5.4534	5.4319	1.1339	0.5647	0.5432	50.1984	3.8073
23	3	55	315	4.7429	5.8799	5.3502	5.3285	1.1370	0.6073	0.5856	46.5875	3.5732
24	3	60	320	4.8215	6.2470	5.5490	5.5215	1.4255	0.7275	0.7000	48.9653	3.7801
3	3	65	325	4.7951	6.4525	5.6262	5.5925	1.6574	0.8311	0.7974	49.8552	4.0549
4	3	70	330	4.3160	5.8474	4.9551	4.9283	1.5314	0.6391	0.6123	58.2669	4.1934
5	3	75	335	4.6101	5.6517	5.1107	5.0880	1.0416	0.5006	0.4779	51.9393	4.5346
6	3	80	340	4.3681	5.5536	4.9488	4.9219	1.1855	0.5807	0.5538	51.0164	4.6323
7	3	85	345	4.8562	6.3984	5.5489	5.5169	1.5422	0.6927	0.6607	55.0836	4.6196
8	3	90	350	4.8332	7.0866	5.9838	5.9347	2.2534	1.1506	1.1015	48.9394	4.2673
9	3	95	355	4.9053	6.3856	5.6594	5.6306	1.4803	0.7541	0.7253	49.0576	3.8191
10	3	100	360	4.748	6.4162	5.41	5.3803	1.6682	0.6620	0.6323	60.3165	4.4864
11	3	105	365	4.3983	6.0876	5.2461	5.2117	1.6893	0.8478	0.8134	49.8135	4.0576
12	3	110	370	5.2378	7.0235	5.8864	5.8546	1.7857	0.6486	0.6168	63.6781	4.9029
13	3	115	375	5.0789	7.9499	6.6593	6.6055	2.8710	1.5804	1.5266	44.9530	3.4042
14	3	120	380	4.9963	7.0743	6.1745	6.1258	2.0780	1.1782	1.1295	43.3013	4.1334
15	3	125	385	5.0076	7.0944	6.3177	6.2817	2.0868	1.3101	1.2741	37.2197	2.7479
16	3	130	390	4.619	6.4941	5.703	5.665	1.8751	1.0840	1.0460	42.1897	3.5055
17	4	1	391	4.5037	5.697	5.1716	5.1425	1.1933	0.6679	0.6388	44.0292	4.3569
18	4	5	395	4.8998	6.3164	5.6417	5.6102	1.4166	0.7419	0.7104	47.6281	4.2459
19	4	10	400	4.9914	6.2638	5.6619	5.6342	1.2724	0.6705	0.6428	47.3043	4.1312
20	4	15	405	4.6544	5.8785	5.3082	5.2805	1.2241	0.6538	0.6261	46.5893	4.2368
21	4	20	410	4.7378	6.2533	5.5088	5.4769	1.5155	0.7710	0.7391	49.1257	4.1375
22	4	25	415	4.8871	6.5966	5.7219	5.685	1.7095	0.8348	0.7979	51.1670	4.4202
23	4	30	420	4.7428	6.5533	5.9211	5.891	1.8105	1.1783	1.1482	34.9185	2.5545
24	4	35	425	4.8208	6.3858	5.7312	5.6974	1.5650	0.9104	0.8766	41.8275	3.7127
1	4	40	430	5.0668	6.3566	5.8622	5.8303	1.2898	0.7954	0.7635	38.3315	4.0106
2	4	45	435	4.6441	5.7156	5.318	5.2928	1.0715	0.6739	0.6487	37.1069	3.7394
3	4	50	440	4.7949	6.2894	5.7702	5.7329	1.4945	0.9753	0.9380	34.7407	3.8245
4	4	55	445	4.3158	5.4717	5.0589	5.0294	1.1559	0.7431	0.7136	35.7124	3.9699
5	4	60	450	4.6101	5.9344	5.3979	5.3589	1.3243	0.7878	0.7488	40.5120	4.9505
6	4	65	455	4.3682	5.6429	5.1704	5.1382	1.2747	0.8022	0.7700	37.0675	4.0140
7	4	70	460	4.8562	6.2145	5.7537	5.7218	1.3583	0.8975	0.8656	33.9248	3.5543
8	4	75	465	4.8322	5.9997	5.5622	5.5313	1.1675	0.7300	0.6991	37.4732	4.2329
9	4	78	468	4.9053	5.9743	5.6144	5.5859	1.0690	0.7091	0.6806	33.6670	4.0192