

Table DR1. LA-ICP-MS analyses for zircon U-Pb geochronology of the Eastern Cordillera and Llanos basin of Colombia.

Th/U	Isotopic ratios			Apparent ages (Ma)								% Disc.	Analysis ID		
	207Pb*/ 235U	± (%)	206Pb*/ 238U	± (%)	error corr.	207Pb*/ 235U	± (Ma)	206Pb*/ 238U	± (Ma)	207Pb*/ 206Pb*	± (Ma)	Preferred Age (Ma)	± (Ma)		
RH1, granite clast derived from Quetame massif (N=15). 4.38634°N 73.29027°W															
0.27	3.8365	2.52	0.2808	0.98	0.94	1600.4	20.1	1595.5	13.9	1607.1	30.1	1607.1	30.1	0.3%	RH_13
0.26	2.6996	2.50	0.2271	1.00	0.94	1328.3	18.4	1319.1	11.9	1343.5	30.6	1343.5	30.6	0.7%	RH_11
0.22	1.7051	3.43	0.1694	2.48	0.89	1010.4	21.7	1008.6	23.1	1014.2	32.8	1014.2	32.8	0.2%	RH_8
0.13	1.7549	2.52	0.1763	0.94	0.95	1029.0	16.1	1046.7	9.1	991.5	33.2	991.5	33.2	-1.7%	RH_9
0.73	0.6501	3.63	0.0849	2.47	0.85	508.6	14.4	525.5	12.4	432.8	44.2	525.5	12.4	-3.3%	RH_2
0.44	0.6070	3.52	0.0796	2.44	0.87	481.7	13.4	493.7	11.6	424.6	40.8	493.7	11.6	-2.5%	RH_6
0.31	0.6213	2.78	0.0794	1.16	0.85	490.6	10.8	492.6	5.5	481.7	41.4	492.6	5.5	-0.4%	RH_12
0.26	0.6146	2.74	0.0789	1.16	0.86	486.5	10.5	489.7	5.5	471.6	40.4	489.7	5.5	-0.7%	RH_15
0.81	0.6148	3.02	0.0786	1.19	0.79	486.6	11.6	487.7	5.6	481.5	47.9	487.7	5.6	-0.2%	RH_16
0.35	0.6153	3.47	0.0779	2.50	0.89	486.9	13.3	483.6	11.6	502.3	37.0	483.6	11.6	0.7%	RH_4
0.63	0.5965	3.73	0.0779	2.53	0.84	475.0	14.1	483.4	11.8	434.5	46.5	483.4	11.8	-1.7%	RH_3
0.66	0.6151	3.11	0.0775	1.35	0.78	486.7	11.9	481.1	6.3	513.7	48.3	481.1	6.3	1.2%	RH_10
0.49	0.5825	3.35	0.0742	2.41	0.90	466.0	12.4	461.6	10.7	488.0	34.8	461.6	10.7	1.0%	RH_5
0.13	0.5835	3.21	0.0739	1.46	0.76	466.7	11.9	459.5	6.5	502.7	49.8	459.5	6.5	1.6%	RH_14
0.31	0.5701	3.53	0.0732	2.48	0.87	458.1	12.9	455.4	10.9	471.6	40.1	455.4	10.9	0.6%	RH_1
FS11A, Otenga granite from Floresta massif (N=15). 5.84875°N 72.86448°W															
0.32	2.3416	2.98	0.2105	2.27	0.89	1225.0	21.0	1231.2	25.4	1214.0	27.6	1214.0	27.6	-0.5%	FS11A_5
0.20	1.7344	1.76	0.1618	1.39	0.91	1021.4	11.2	966.9	12.4	1140.3	15.1	1140.3	15.1	5.5%	FS11A_15
0.30	1.6938	1.81	0.1688	1.23	0.83	1006.2	11.5	1005.5	11.5	1007.8	21.3	1007.8	21.3	0.1%	FS11A_14
0.11	1.5710	2.78	0.1578	2.14	0.91	958.8	17.1	944.4	18.8	992.0	24.7	992.0	24.7	1.5%	FS11A_4
0.22	1.1614	3.08	0.1191	2.38	0.89	782.6	16.7	725.6	16.3	948.9	29.6	725.6	16.3	7.6%	FS11A_1
0.47	0.7443	2.96	0.0832	2.17	0.87	564.9	12.8	515.2	10.7	770.2	31.9	515.2	10.7	9.2%	FS11A_3
0.27	0.6270	2.43	0.0808	1.84	0.84	494.2	9.5	501.0	8.9	463.2	29.3	501.0	8.9	-1.4%	FS11A_10
0.38	0.6386	2.89	0.0802	2.16	0.88	501.5	11.4	497.6	10.3	519.1	31.0	497.6	10.3	0.8%	FS11A_8
0.69	0.6698	3.45	0.0795	2.30	0.79	520.6	14.0	493.1	10.9	643.0	45.7	493.1	10.9	5.4%	FS11A_6
0.59	0.6227	1.96	0.0788	1.31	0.80	491.5	7.6	489.1	6.2	502.9	26.1	489.1	6.2	0.5%	FS11A_9
0.56	0.6599	2.14	0.0782	1.48	0.81	514.5	8.6	485.4	6.9	646.2	27.5	485.4	6.9	5.8%	FS11A_11
0.30	0.6144	3.10	0.0781	2.24	0.85	486.3	11.9	484.8	10.4	493.7	36.7	484.8	10.4	0.3%	FS11A_7
0.40	0.5855	1.67	0.0759	0.97	0.79	468.0	6.2	471.6	4.4	450.7	23.8	471.6	4.4	-0.8%	FS11A_12
0.32	0.5870	3.86	0.0698	2.17	0.89	469.0	10.7	434.7	9.1	640.3	28.6	434.7	9.1	7.6%	FS11A_1a
0.21	0.5023	1.89	0.0620	1.15	0.77	413.3	6.4	387.6	4.3	559.5	26.9	387.6	4.3	6.4%	FS11A_16
13080808, Otenga granite from Floresta massif (N=104). 5.98178°N 72.81274°W															
0.30	4.1191	1.57	0.2876	1.21	0.93	1658.1	12.8	1629.4	17.5	1694.8	11.7	1694.8	11.7	1.7%	13080808_16
0.26	3.4642	2.02	0.2468	1.29	0.91	1519.1	15.8	1421.7	16.4	1657.7	18.6	1657.7	18.6	6.6%	13080808_94
0.18	3.2293	2.64	0.2408	2.07	0.93	1464.2	20.3	1390.9	25.9	1572.3	19.5	1572.3	19.5	5.1%	13080808_35
0.52	3.3394	1.71	0.2511	0.86	0.95	1490.3	13.2	1443.9	11.2	1557.2	17.2	1557.2	17.2	3.2%	13080808_25
0.19	3.4647	1.64	0.2607	1.30	0.93	1519.2	12.8	1493.3	17.3	1555.6	11.9	1555.6	11.9	1.7%	13080808_15
0.34	3.2448	1.97	0.2459	0.79	1.02	1467.9	15.2	1417.1	10.0	1542.5	21.5	1542.5	21.5	3.5%	13080808_34
0.47	3.3820	2.07	0.2574	1.41	0.91	1500.2	16.1	1476.8	18.6	1533.7	18.3	1533.7	18.3	1.6%	13080808_105
0.34	3.5854	1.10	0.2744	0.47	0.89	1546.3	8.7	1563.3	6.5	1523.2	13.5	1523.2	13.5	-1.1%	13080808_83
0.20	3.1276	1.73	0.2428	0.66	1.07	1439.5	13.3	1401.3	8.3	1496.5	18.7	1496.5	18.7	2.7%	13080808_33
0.42	3.5249	2.99	0.2737	2.83	0.97	1532.8	23.4	1559.6	39.1	1496.2	12.8	1496.2	12.8	-1.7%	13080808_60
0.26	3.6590	1.67	0.2845	1.06	0.85	1562.5	13.2	1614.0	15.1	1493.7	18.0	1493.7	18.0	-3.2%	13080808_73
0.22	2.7232	2.01	0.2190	1.23	0.90	1334.8	14.8	1276.7	14.2	1429.4	19.9	1429.4	19.9	4.5%	13080808_96
0.22	2.8213	1.41	0.2274	0.98	0.83	1361.2	10.5	1320.8	11.7	1425.5	15.3	1425.5	15.3	3.0%	13080808_108
0.22	2.7082	1.70	0.2206	1.33	0.85	1330.7	12.5	1284.8	15.5	1405.3	17.2	1405.3	17.2	3.5%	13080808_68
0.24	2.7340	1.88	0.2269	1.50	0.93	1337.7	13.9	1318.4	17.9	1369.0	13.7	1369.0	13.7	1.5%	13080808_7
0.35	2.6912	1.64	0.2242	0.56	1.09	1326.0	12.0	1303.9	6.6	1362.2	19.1	1362.2	19.1	1.7%	13080808_47
0.14	2.6225	1.86	0.2218	1.47	0.93	1307.0	13.6	1291.4	17.2	1332.8	13.9	1332.8	13.9	1.2%	13080808_14
0.12	2.4524	1.92	0.2087	0.75	1.05	1258.1	13.8	1221.7	8.3	1321.1	21.4	1321.1	21.4	2.9%	13080808_30
0.45	2.5324	2.03	0.2185	1.66	0.93	1281.4	14.7	1273.7	19.1	1294.5	15.0	1294.5	15.0	0.6%	13080808_6
0.36	2.2847	5.99	0.1976	5.64	0.97	1207.6	41.4	1162.3	59.8	1288.7	18.1	1288.7	18.1	3.8%	13080808_52
0.33	1.9639	1.83	0.1725	0.98	0.92	1103.2	12.2	1026.1	9.3	1258.8	19.4	1258.8	19.4	7.2%	13080808_29
0.19	1.9602	1.76	0.1736	1.49	0.93	1102.0	11.8	1032.0	14.2	1242.8	12.5	1242.8	12.5	6.55%	13080808_114
0.20	2.1245	0.86	0.1922	0.50	0.85	1156.8	5.9	1133.3	5.2	1201.2	9.9	1201.2	9.9	2.1%	13080808_42
0.32	2.2031	6.01	0.1997	5.61	0.97	1182.0	41.1	1173.4	59.9	1197.1	21.2	1197.1	21.2	0.7%	13080808_53
0.17	2.1441	1.85	0.1957	1.04	0.92	1163.2	12.7	1152.0	10.9	1184.2	19.4	1184.2	19.4	1.0%	13080808_23
0.26	1.9708	1.80	0.1804	0.71	1.03	1105.6	12.0	1069.3	7.0	1177.9	20.6	1177.9	20.6	3.3%	13080808_39
0.36	2.1486	1.36	0.1971	1.09	0.91	1164.6	9.4	1160.0	11.6	1173.3	11.5	1173.3	11.5	0.4%	13080808_3
0.21	1.9355	1.95	0.1776	1.14	0.90	1093.4	13.0	1054.0	11.1	1173.0	20.4	1173.0	20.4	3.7%	13080808_95
0.16	1.8648	1.79	0.1712	0.98	0.93	1068.7	11.7	1018.7	9.2	1172.5	18.7	1172.5	18.7	4.8%	13080808_26
0.23	2.2043	0.91	0.2034	0.46	0.87	1182.4	6.3	1193.5	5.0	1162.2	11.0	1162.2	11.0	-0.9%	13080808_109
0.20	1.9309	1.51	0.1790	1.20	0.90	1091.8	10.0	1061.8	11.8	1152.4	13.5	1152.4	13.5	2.8%	13080808_5
0.14	2.0298	1.99	0.1884	1.55	0.91	1125.5	13.5	1112.6	15.8	1150.8	17.0	1150.8	17.0</		

0.22	1.6289	1.65	0.1608	1.20	0.85	981.4	10.3	961.1	10.7	1027.4	18.0	1027.4	18.0	2.1%	13080808_4
0.38	1.5907	2.07	0.1571	1.80	0.93	966.6	12.9	940.8	15.8	1025.7	15.3	1025.7	15.3	2.7%	13080808_120
0.21	1.5641	1.27	0.1551	0.81	0.82	956.1	7.8	929.3	7.0	1018.4	15.4	1018.4	15.4	2.8%	13080808_111
0.38	1.5852	1.88	0.1574	1.53	0.90	964.4	11.7	942.3	13.4	1015.1	16.6	1015.1	16.6	2.3%	13080808_119
0.31	1.5918	2.15	0.1582	1.42	0.89	967.0	13.3	946.8	12.5	1013.3	21.9	1013.3	21.9	2.1%	13080808_104
0.28	1.5437	1.78	0.1537	1.48	0.92	948.0	10.9	921.9	12.7	1009.2	14.4	1009.2	14.4	2.79%	13080808_112
0.40	1.5248	3.13	0.1606	2.44	0.83	940.4	19.0	960.3	21.8	894.3	35.9	960.3	35.9	-2.1%	13080808_77
0.20	1.3906	1.43	0.1527	0.75	0.81	884.9	8.4	916.3	6.4	807.5	19.3	916.3	19.3	-3.5%	13080808_79
0.16	1.3556	3.26	0.1474	2.07	0.69	870.0	18.9	886.3	17.1	828.7	48.4	886.3	17.1	-1.9%	13080808_75
0.44	1.3539	2.21	0.1419	1.31	0.86	869.2	12.8	855.4	10.5	904.6	25.8	855.4	10.5	1.6%	13080808_91
0.32	1.3189	6.13	0.1389	5.92	0.98	854.0	34.8	838.4	46.3	894.6	21.8	838.4	46.3	1.8%	13080808_87
1.55	1.3382	4.97	0.1377	3.70	0.77	862.5	28.5	831.5	28.8	943.1	63.5	831.5	28.8	3.7%	13080808_74
0.13	1.2634	6.09	0.1304	5.88	0.99	829.4	34.0	790.1	43.6	936.0	21.1	790.1	43.6	4.9%	13080808_88
0.19	1.2522	1.84	0.1260	0.80	0.99	824.4	10.3	764.7	5.7	989.1	21.4	764.7	5.7	7.5%	13080808_40
0.21	1.0127	1.84	0.1143	0.65	0.98	710.2	9.4	697.6	4.3	750.4	25.3	697.6	4.3	1.8%	13080808_49
0.23	0.8910	1.72	0.1035	1.11	0.84	646.9	8.2	634.9	6.7	689.2	20.8	634.9	6.7	1.9%	13080808_70
0.20	0.7178	1.69	0.0872	1.26	0.90	549.3	7.2	539.0	6.5	592.7	16.8	539.0	6.5	1.9%	13080808_17
0.32	0.6786	5.97	0.0838	5.59	0.97	525.9	24.2	518.7	27.8	556.9	20.2	518.7	27.8	1.4%	13080808_50
0.14	0.6793	1.81	0.0834	0.66	0.98	526.4	7.4	516.4	3.3	569.9	25.1	516.4	3.3	1.9%	13080808_48
0.44	0.6555	1.59	0.0831	0.82	0.71	511.9	6.4	514.5	4.0	500.2	25.2	514.5	4.0	-0.5%	13080808_80
0.24	0.6855	2.71	0.0828	2.38	0.93	530.1	11.1	512.8	11.7	605.3	21.3	512.8	11.7	3.3%	13080808_57
0.33	0.6495	3.07	0.0821	2.88	0.96	508.2	12.2	508.5	14.1	507.2	18.1	508.5	14.1	-0.1%	13080808_63
0.32	0.6708	1.68	0.0819	1.29	0.84	521.2	6.8	507.5	6.3	581.7	19.9	507.5	6.3	2.7%	13080808_67
0.14	0.6229	1.56	0.0796	0.86	0.74	491.7	6.1	493.5	4.1	483.2	24.0	493.5	4.1	-0.4%	13080808_81
0.57	0.6192	1.29	0.0795	0.67	0.80	489.4	5.0	493.2	3.2	471.6	18.8	493.2	3.2	-0.8%	13080808_82
0.53	0.6217	3.08	0.0790	2.86	0.96	490.9	11.9	489.9	13.5	495.9	19.5	489.9	13.5	0.2%	13080808_61
0.30	0.6223	5.97	0.0787	5.60	0.97	491.3	23.0	488.2	26.3	504.7	34.9	488.2	26.3	0.6%	13080808_54
0.40	0.6360	1.59	0.0785	1.24	0.86	499.8	6.3	486.9	5.8	559.5	18.0	486.9	5.8	2.6%	13080808_65
0.08	0.6061	2.67	0.0784	2.39	0.95	481.1	10.2	486.3	11.2	456.5	18.7	486.3	11.2	-1.1%	13080808_55
0.15	0.6127	1.41	0.0775	0.65	0.74	485.2	5.4	481.0	3.0	505.4	22.6	481.0	3.0	0.9%	13080808_84
0.44	0.6018	3.09	0.0770	2.87	0.96	478.4	11.7	478.1	13.2	480.3	20.1	478.1	13.2	0.1%	13080808_59
0.66	0.6139	1.43	0.0769	1.17	0.90	486.0	5.5	477.5	5.4	526.5	13.6	477.5	5.4	1.8%	13080808_66
0.35	0.6079	1.83	0.0768	0.72	1.02	482.2	7.0	476.8	3.3	508.3	23.8	476.8	3.3	1.1%	13080808_37
0.49	0.6181	1.78	0.0766	0.76	0.95	488.7	6.9	475.6	3.5	550.7	23.5	475.6	3.5	2.7%	13080808_44
0.23	0.6053	1.93	0.0753	1.03	0.90	480.6	7.4	468.0	4.7	541.2	24.0	468.0	4.7	2.7%	13080808_90
0.20	0.6020	2.03	0.0747	1.57	0.87	478.5	7.7	464.3	7.0	547.1	22.3	464.3	7.0	3.01%	13080808_113
0.19	0.5907	2.00	0.0746	0.84	1.00	471.3	7.5	463.8	3.7	508.4	25.3	463.8	3.7	1.6%	13080808_32
0.17	0.5890	3.10	0.0742	2.88	0.96	470.2	11.6	461.2	12.8	514.8	19.7	461.2	12.8	1.9%	13080808_62
0.16	0.5822	1.84	0.0740	0.73	1.01	465.9	6.9	460.4	3.2	493.3	24.0	460.4	3.2	1.2%	13080808_36
0.20	0.5852	1.97	0.0739	1.11	0.89	467.8	7.4	459.3	4.9	509.8	24.2	459.3	4.9	1.8%	13080808_21
0.33	0.5882	1.78	0.0736	1.36	0.90	469.7	6.7	457.5	6.0	529.8	17.5	457.5	6.0	2.6%	13080808_20
0.29	0.5774	1.30	0.0735	1.02	0.90	462.8	4.8	457.5	4.5	489.2	12.7	457.5	4.5	1.2%	13080808_2
0.24	0.5752	6.17	0.0734	5.91	0.98	461.4	22.6	456.7	26.0	484.4	28.0	456.7	26.0	1.0%	13080808_89
0.24	0.5796	2.04	0.0733	1.13	0.88	464.2	7.6	455.9	5.0	505.7	25.6	455.9	5.0	1.8%	13080808_100
0.39	0.5991	2.04	0.0725	1.54	0.89	476.7	7.7	451.1	6.7	601.7	20.7	451.1	6.7	5.5%	13080808_11
0.85	0.5745	1.97	0.0722	1.21	0.91	460.9	7.3	449.3	5.2	519.5	22.1	449.3	5.2	2.6%	13080808_93
0.18	0.5558	1.88	0.0721	1.26	0.81	448.8	6.8	449.0	5.5	448.0	25.0	449.0	5.5	0.0%	13080808_78
0.43	0.5810	1.19	0.0720	1.69	0.86	465.1	8.1	448.0	7.3	550.3	24.5	448.0	7.3	3.7%	13080808_118
0.44	0.5851	2.19	0.0719	1.39	0.88	467.8	8.2	447.5	6.0	568.7	25.1	447.5	6.0	4.4%	13080808_98
0.51	0.5644	1.63	0.0712	0.50	1.15	454.4	5.9	443.4	2.2	510.8	22.1	443.4	2.2	2.5%	13080808_45
0.52	0.5970	1.95	0.0710	1.00	0.89	475.3	7.4	441.9	4.3	640.2	24.4	441.9	4.3	7.3%	13080808_99
0.26	0.5541	6.12	0.0709	5.91	0.99	447.7	21.9	441.7	25.2	478.4	22.6	441.7	25.2	1.4%	13080808_86
0.33	0.5526	2.13	0.0708	1.42	0.90	446.7	7.7	441.1	6.0	475.8	23.5	441.1	6.0	1.3%	13080808_106
0.30	0.5839	2.77	0.0708	2.48	0.94	467.0	10.3	440.9	10.5	597.2	19.8	440.9	10.5	5.7%	13080808_58
0.40	0.5525	1.09	0.0706	0.72	0.83	446.6	3.9	440.0	3.0	480.8	13.9	440.0	3.0	1.5%	13080808_43
0.35	0.5617	1.76	0.0704	1.48	0.93	452.6	6.4	438.3	6.3	526.1	14.8	438.3	6.3	3.2%	13080808_115
0.25	0.5527	2.29	0.0702	1.79	0.90	446.8	8.2	437.3	7.6	496.4	22.8	437.3	7.6	2.2%	13080808_13
0.29	0.5472	1.91	0.0695	1.09	0.90	443.2	6.8	432.9	4.6	497.2	22.5	432.9	4.6	2.3%	13080808_22
0.22	0.5507	2.11	0.0684	1.72	0.89	445.5	7.6	426.6	7.1	544.3	20.8	426.6	7.1	4.3%	13080808_117
0.27	0.5321	1.40	0.0677	0.95	0.82	433.2	4.9	422.2	3.9	492.3	18.2	422.2	3.9	2.6%	13080808_110
0.25	0.5356	1.82	0.0676	0.96	0.92	435.5	6.4	421.9	3.9	508.2	22.0	421.9	3.9	3.2%	13080808_27
0.66	0.4752	1.96	0.0673	1.05	0.89	394.8	6.4	359.1	3.7	609.8	24.2	359.1	3.7	9.5%	13080808_101
0.17	0.3401	11.48	0.0429	11.42	1.00	297.2	29.2	270.5	30.2	512.9	18.8	270.5	30.2	9.4%	13080808_41

13080810, Devonian Cuche Formation (N=88). 5.97113°N 72.80899°W

0.51	4.1470	2.06	0.2955	1.28	0.88	1663.6	16.7	1668.9	18.8	1653.9	9.1	1653.9	9.1	-0.3%	13080810_92
0.39	3.8085	2.79	0.2741	2.29	0.91	1594.5	22.2	1561.7	31.6	1636.1	15.9	1636.1	15.9	2.1%	13080810_66
0.31	3.8121	1.75	0.2759	1.63	0.96										

13080811, Devonian Cuche Formation (N=84). 5.96978°N 72.80685°W																
0.29	2.3755	2.42	0.2090	1.95	0.92	1235.3	17.1	1223.5	21.7	1253.7	11.4	1253.7	11.4	1.0%	13080810_63	
0.10	2.3642	1.82	0.2089	0.87	0.91	1231.9	12.9	1222.9	9.7	1244.2	8.8	1244.2	8.8	0.7%	13080810_99	
0.17	1.9462	4.89	0.1726	3.31	0.77	1097.1	32.3	1026.5	31.3	1236.5	59.1	1236.5	59.1	6.6%	13080810_57	
0.20	2.2267	2.69	0.1993	0.94	1.07	1189.5	18.7	1171.8	10.0	1209.6	8.0	1209.6	8.0	1.5%	13080810_16	
0.26	1.7193	2.73	0.1551	1.26	0.79	1015.8	17.4	929.5	10.9	1202.6	29.2	1202.6	29.2	8.9%	13080810_81	
0.16	2.1210	2.89	0.1934	2.26	0.92	1155.7	19.7	1140.0	23.6	1181.1	10.0	1181.1	10.0	1.4%	13080810_79	
0.35	2.1692	2.10	0.1981	1.56	0.85	1171.2	14.5	1165.1	16.6	1179.5	19.1	1179.5	19.1	0.5%	13080810_7	
0.26	2.2142	3.31	0.2025	2.78	0.93	1185.5	22.9	1188.6	30.1	1175.7	9.9	1175.7	9.9	-0.3%	13080810_76	
0.27	1.9894	1.59	0.1811	1.49	0.96	1111.9	10.7	1072.8	14.7	1172.8	6.6	1172.8	6.6	3.6%	13080810_32	
0.13	2.1278	2.08	0.1951	0.94	0.94	1157.9	14.3	1148.7	9.9	1171.0	6.7	1171.0	6.7	0.8%	13080810_88	
0.27	2.0681	2.73	0.1899	2.19	0.90	1138.3	18.5	1121.1	22.5	1169.1	18.2	1169.1	18.2	1.5%	13080810_61	
0.23	1.8378	2.15	0.1695	1.08	0.83	1059.1	14.1	1009.2	10.1	1160.0	19.5	1160.0	19.5	4.8%	13080810_91	
0.22	2.0218	1.64	0.1866	1.20	0.90	1122.9	11.1	1103.1	12.2	1157.9	7.8	1157.9	7.8	1.8%	13080810_42	
0.24	2.0262	2.33	0.1887	1.85	0.91	1124.3	15.7	1114.4	18.9	1141.3	11.3	1141.3	11.3	0.9%	13080810_67	
0.18	2.0612	2.64	0.1925	0.84	1.14	1136.0	17.9	1135.0	8.8	1125.7	6.1	1125.7	6.1	0.1%	13080810_13	
0.69	1.8625	1.46	0.1752	1.02	0.91	1067.9	9.6	1041.0	9.8	1119.9	4.4	1119.9	4.4	2.6%	13080810_45	
0.23	1.7349	1.89	0.1624	1.66	0.91	1021.6	12.1	970.3	15.0	1116.4	14.4	1116.4	14.4	5.1%	13080810_38	
0.25	1.9213	2.43	0.1821	1.99	0.92	1088.5	16.1	1078.6	19.8	1104.9	11.0	1104.9	11.0	0.9%	13080810_56	
0.26	1.9209	1.82	0.1822	1.45	0.90	1088.4	12.1	1078.8	14.4	1104.5	11.2	1104.5	11.2	0.9%	13080810_10	
0.36	1.8243	2.02	0.1744	1.47	0.84	1054.2	13.1	1036.0	14.1	1089.0	18.9	1089.0	18.9	1.7%	13080810_6	
0.35	1.5967	2.44	0.1540	1.35	0.86	968.9	15.1	923.2	11.6	1069.8	16.8	1069.8	16.8	4.8%	13080810_89	
0.34	1.7557	2.32	0.1694	1.86	0.91	1029.3	14.9	1009.0	17.3	1069.0	11.0	1069.0	11.0	2.0%	13080810_55	
0.21	1.6990	2.43	0.1656	1.94	0.91	1008.1	15.4	987.9	17.7	1050.1	12.9	1050.1	12.9	2.0%	13080810_68	
0.21	1.6947	3.04	0.1654	2.34	0.86	1006.5	19.2	986.7	21.3	1047.7	26.6	1047.7	26.6	2.0%	13080810_65	
0.26	1.7775	1.20	0.1713	0.71	0.83	1037.3	7.7	1019.5	6.7	1046.8	10.9	1046.8	10.9	1.7%	13080810_29	
0.11	1.9055	2.66	0.1852	0.83	1.14	1083.0	17.6	1095.3	8.3	1046.0	8.8	1046.0	8.8	-1.1%	13080810_17	
0.29	1.7088	2.76	0.1662	1.08	1.01	1011.8	17.5	991.2	9.9	1044.3	10.0	1044.3	10.0	2.1%	13080810_15	
0.56	1.6715	1.74	0.1638	1.39	0.91	997.8	11.0	977.9	12.6	1038.5	9.4	1038.5	9.4	2.0%	13080810_2	
0.26	1.5924	1.58	0.1562	1.07	0.88	967.2	9.8	935.7	9.3	1036.1	10.1	1036.1	10.1	3.3%	13080810_46	
0.25	1.7457	2.08	0.1712	0.92	0.94	1025.6	13.4	1018.8	8.7	1035.8	8.1	1035.8	8.1	0.7%	13080810_83	
0.25	1.7593	1.18	0.1709	0.76	0.85	1030.6	7.6	1017.3	7.1	1030.6	9.0	1030.6	9.0	1.3%	13080810_24	
0.31	1.6493	1.74	0.1625	1.34	0.89	989.3	10.9	970.5	12.0	1028.1	11.7	1028.1	11.7	1.9%	13080810_3	
0.16	1.7035	1.90	0.1678	0.97	0.89	1009.8	12.1	999.9	9.0	1028.0	10.9	1028.0	10.9	1.0%	13080810_97	
0.24	1.5678	1.32	0.1525	0.70	0.78	957.6	8.2	915.2	5.9	1028.0	15.3	1028.0	15.3	4.5%	13080810_26	
0.22	1.7331	1.36	0.1689	0.85	0.81	1020.9	8.7	1006.2	8.0	1024.3	13.6	1024.3	13.6	1.5%	13080810_23	
0.20	1.8591	1.80	0.1825	1.65	0.94	1066.7	11.8	1080.4	16.4	1021.9	10.7	1021.9	10.7	-1.3%	13080810_35	
0.19	1.6666	2.08	0.1648	0.92	0.94	995.9	13.1	983.5	8.4	1019.1	7.7	1019.1	7.7	1.3%	13080810_87	
0.70	1.6949	3.20	0.1678	2.50	0.90	1006.6	20.2	999.8	23.1	1017.1	18.7	1017.1	18.7	0.7%	13080810_73	
0.13	1.5982	1.53	0.1584	1.04	0.89	969.5	9.5	947.9	9.2	1015.5	8.5	1015.5	8.5	2.3%	13080810_44	
0.26	1.7840	2.00	0.1770	1.53	0.89	1039.7	12.9	1050.6	14.9	1013.4	14.1	1013.4	14.1	-1.0%	13080810_50	
0.24	1.7361	2.60	0.1723	2.02	0.88	1022.0	16.6	1024.5	19.1	1013.0	19.2	1013.0	19.2	-0.2%	13080810_60	
0.18	1.6688	1.11	0.1637	0.63	0.84	996.7	7.1	977.3	5.7	1011.5	9.6	1011.5	9.6	2.0%	13080810_27	
0.19	1.7184	2.57	0.1708	2.14	0.93	1015.4	16.4	1016.6	20.1	1010.6	11.7	1010.6	11.7	-0.1%	13080810_70	
0.02	1.7225	2.08	0.1700	1.72	0.87	1016.9	13.3	1012.2	16.1	1010.2	19.8	1010.2	19.8	0.5%	13080810_31	
0.37	1.6202	2.28	0.1616	1.24	0.82	978.1	14.2	965.6	11.1	1002.8	21.5	1002.8	21.5	1.3%	13080810_94	
0.54	1.6421	2.46	0.1639	1.99	0.92	986.5	15.4	978.4	18.0	1002.4	12.5	1002.4	12.5	0.8%	13080810_69	
0.15	1.6300	2.76	0.1626	2.33	0.92	981.9	17.2	971.1	20.9	1002.2	14.5	1002.2	14.5	1.1%	13080810_58	
0.20	1.6393	1.68	0.1626	1.54	0.94	985.4	10.5	971.1	13.8	1000.6	9.5	1000.6	9.5	1.5%	13080810_34	
0.49	1.6593	2.42	0.1660	1.47	0.82	993.1	15.2	990.2	13.4	996.1	22.1	996.1	22.1	0.3%	13080810_95	
0.38	1.5942	2.28	0.1601	1.80	0.91	967.9	14.1	957.1	16.0	989.0	11.9	989.0	11.9	1.1%	13080810_52	
0.42	1.5861	2.53	0.1599	2.01	0.90	964.8	15.6	956.5	17.8	981.4	15.7	981.4	15.7	0.9%	13080810_64	
0.18	1.5290	1.53	0.1544	1.09	0.91	942.1	9.3	925.3	9.3	978.0	6.1	978.0	6.1	1.8%	13080810_43	
0.82	1.8807	2.45	0.1904	1.87	0.88	1074.3	16.1	1123.4	19.2	972.3	18.2	972.3	18.2	-4.5%	13080810_53	
0.27	1.5995	1.76	0.1621	1.37	0.89	970.0	10.9	968.3	12.3	970.7	11.5	970.7	11.5	0.2%	13080810_5	
0.03	1.5214	1.83	0.1605	1.19	0.78	939.0	11.2	959.4	10.6	862.6	22.4	959.4	22.4	-2.1%	13080810_28	
0.31	1.4604	2.21	0.1499	1.02	0.89	914.2	13.3	900.2	8.6	943.8	14.1	943.8	14.1	1.5%	13080810_85	
0.48	1.4182	2.24	0.1493	1.54	0.82	896.6	13.3	897.1	12.9	892.0	23.4	897.1	12.9	-0.1%	13080810_48	
0.17	1.4034	1.77	0.1460	1.37	0.91	890.4	10.4	878.8	11.2	915.9	8.3	878.8	11.2	1.3%	13080810_49	
0.52	1.4086	1.51	0.1439	1.03	0.82	892.6	8.9	866.9	8.3	928.1	15.2	866.9	8.3	2.9%	13080810_22	
0.70	1.0522	2.33	0.1173	1.09	0.86	729.9	12.0	714.9	7.4	772.1	18.7	714.9	7.4	2.1%	13080810_86	
0.28	0.7924	1.83	0.0957	1.34	0.86	592.5	8.2	589.3	7.6	601.6	16.5	589.3	7.6	0.5%	13080810_9	
0.25	0.7343	2.91	0.0879	1.25	0.94	559.1	12.4	543.3	6.5	610.6	17.2	543.3	6.5	2.9%	13080810_12	
0.40	0.7108	3.24	0.0874	2.57	0.91	545.2	13.6	540.4	13.3	560.6	19.2	540.4	13.3	0.9%	13080810_72	
0.18	0.6294	1.82	0.0791	1.42	0.89	495.8	7.1	490.8	6.7	515.3	13.7	490.8	6.7	1.0%	13080810_8	
0.26	0.6017	3.16	0.0771	2.57	0.92	478.3	12.0	479.1	11.9	469.9	12.9	479.1	11.9	-0.2%	13080810_71	
0.16	0.6746	1.32	0.0767	0.70	0.78	523.5	5.4	476.6	3.2	704.0	16.0	476.6	3.2	9.4%	13080810_30	
0.36	0.5909	1.20	0.0753	0.67	0.81	471.4	4.5	468.1	3.0	456.7	12.9</td					

0.75	3.6170	1.88	0.2685	0.83	0.92	1553.3	14.8	1533.2	11.4	1589.3	11.5	1589.3	11.5	1.3%	13080811_21
0.18	3.5440	1.75	0.2702	1.44	0.93	1537.1	13.7	1541.6	19.7	1546.2	6.1	1546.2	6.1	-0.3%	13080811_50
0.29	3.1092	1.66	0.2413	1.37	0.92	1435.0	12.7	1393.6	17.1	1509.6	7.2	1509.6	7.2	2.9%	13080811_80
0.14	2.4525	1.55	0.2186	1.26	0.92	1258.2	11.1	1274.3	14.5	1243.9	6.1	1243.9	6.1	-1.3%	13080811_79
0.29	1.8317	2.56	0.1635	1.59	0.82	1056.9	16.7	976.1	14.4	1230.9	24.8	1230.9	24.8	8.0%	13080811_14
0.25	2.1963	1.77	0.1967	0.98	0.91	1179.9	12.3	1157.8	10.4	1223.7	5.9	1223.7	5.9	1.9%	13080811_15
0.25	2.0962	1.92	0.1921	1.46	0.87	1147.6	13.1	1132.8	15.1	1191.7	14.8	1191.7	14.8	1.3%	13080811_44
0.13	2.1268	2.49	0.1943	0.79	1.10	1157.6	17.0	1144.7	8.3	1176.4	8.6	1176.4	8.6	1.1%	13080811_62
0.37	1.9939	1.87	0.1848	1.52	0.90	1113.4	12.6	1093.4	15.3	1166.2	11.9	1166.2	11.9	1.8%	13080811_73
0.28	2.3498	3.49	0.2162	3.12	0.95	1227.5	24.6	1262.0	35.7	1156.7	13.0	1156.7	13.0	-2.8%	13080811_100
0.45	1.9238	0.67	0.1804	0.49	0.81	1089.4	4.4	1069.4	4.8	1142.6	7.6	1142.6	7.6	1.9%	13080811_41
0.29	1.9260	1.69	0.1805	0.82	0.90	1090.2	11.3	1069.4	8.1	1132.3	10.1	1132.3	10.1	1.9%	13080811_82
0.43	1.9276	3.38	0.1829	3.05	0.95	1090.7	22.4	1082.9	30.3	1095.4	8.5	1095.4	8.5	0.7%	13080811_93
0.16	1.7329	2.31	0.1694	0.96	0.97	1020.8	14.8	1008.6	9.0	1048.2	9.3	1048.2	9.3	1.2%	13080811_55
0.19	1.6212	3.43	0.1592	3.10	0.96	978.5	21.3	952.5	27.4	1026.4	8.5	1026.4	8.5	2.7%	13080811_94
0.25	1.6160	1.46	0.1608	1.12	0.91	976.4	9.1	961.3	10.0	1024.2	7.4	1024.2	7.4	1.6%	13080811_78
0.31	1.6228	1.71	0.1604	1.12	0.82	979.1	10.7	959.2	10.0	1012.2	16.8	1012.2	16.8	2.1%	13080811_2
0.26	1.8061	3.45	0.1789	3.10	0.95	1047.7	22.3	1060.7	30.2	1009.6	11.5	1009.6	11.5	-1.2%	13080811_97
0.22	1.6638	2.02	0.1676	1.69	0.92	994.8	12.7	998.7	15.6	1002.8	11.1	1002.8	11.1	-0.4%	13080811_48
0.33	1.5294	1.54	0.1538	1.32	0.89	942.3	9.4	922.2	11.4	1002.6	13.9	1002.6	13.9	2.1%	13080811_32
0.26	1.5372	3.51	0.1533	2.21	0.85	945.4	21.4	919.2	18.9	1001.4	27.0	1001.4	27.0	2.8%	13080811_69
0.16	1.7228	1.64	0.1741	1.20	0.86	1017.1	10.5	1034.5	11.5	993.5	13.3	993.5	13.3	-1.7%	13080811_71
0.45	1.6051	1.28	0.1626	0.93	0.79	972.2	8.0	971.3	8.4	987.4	15.7	987.4	15.7	0.1%	13080811_34
0.43	1.6814	1.47	0.1712	1.00	0.76	1001.5	9.3	1018.9	9.4	976.8	19.3	976.8	19.3	-1.7%	13080811_39
0.19	1.5715	1.68	0.1594	0.76	0.91	959.0	10.4	953.5	6.8	972.4	11.0	972.4	11.0	0.6%	13080811_81
0.21	1.5098	2.18	0.1548	1.22	0.81	934.4	13.2	927.6	10.5	950.9	21.6	950.9	21.6	0.7%	13080811_88
0.33	1.4861	1.17	0.1534	0.85	0.79	924.7	7.1	919.8	7.3	949.8	14.4	949.8	14.4	0.5%	13080811_33
0.42	1.4304	1.79	0.1485	1.34	0.87	901.7	10.6	892.4	11.2	912.7	14.2	892.4	11.2	1.0%	13080811_1
0.13	1.4166	1.73	0.1469	0.89	0.89	895.9	10.3	883.6	7.3	927.1	10.7	883.6	7.3	1.4%	13080811_84
0.23	1.3982	0.98	0.1455	0.84	0.90	888.2	5.8	875.8	6.9	932.4	8.7	875.8	6.9	1.4%	13080811_36
1.09	1.3100	3.51	0.1381	3.12	0.94	850.1	20.0	834.0	24.3	881.2	15.2	834.0	24.3	1.9%	13080811_95
1.03	1.1339	2.10	0.1187	1.59	0.86	769.6	11.3	722.8	10.9	924.7	18.7	722.8	10.9	6.3%	13080811_45
0.18	1.0399	1.60	0.1110	1.09	0.85	723.8	8.3	678.8	7.0	853.9	14.0	678.8	7.0	6.4%	13080811_4
0.24	0.9227	2.78	0.1078	1.38	0.90	663.8	13.4	659.8	8.6	671.5	13.9	659.8	8.6	0.6%	13080811_67
0.43	0.9609	3.35	0.1048	1.96	0.77	683.8	16.5	642.2	12.0	832.7	41.1	642.2	12.0	6.3%	13080811_24
0.45	0.8019	1.96	0.0971	1.13	0.87	597.9	8.8	597.2	6.4	603.9	13.7	597.2	6.4	0.1%	13080811_17
0.38	0.7459	2.67	0.0911	1.92	0.87	565.8	11.5	562.2	10.3	583.8	22.4	562.2	10.3	0.6%	13080811_18
0.31	0.7178	3.51	0.0901	3.16	0.95	549.4	14.8	555.9	16.8	510.6	13.4	555.9	16.8	-1.2%	13080811_91
0.29	0.6946	2.69	0.0864	1.38	0.86	535.5	11.1	534.3	7.1	541.9	21.6	534.3	7.1	0.2%	13080811_54
0.39	0.6468	2.17	0.0820	1.69	0.88	506.5	8.6	508.0	8.3	517.4	19.3	508.0	8.3	-0.3%	13080811_47
0.46	0.6443	3.40	0.0803	3.08	0.96	505.0	13.4	497.7	14.7	526.4	7.6	497.7	14.7	1.5%	13080811_98
1.30	0.6432	1.97	0.0800	1.11	0.87	504.3	7.8	495.8	5.3	546.4	15.1	495.8	5.3	1.7%	13080811_11
0.48	0.6235	2.28	0.0797	1.29	0.84	492.0	8.8	494.1	6.1	492.3	21.0	494.1	6.1	-0.4%	13080811_26
0.45	0.6195	1.89	0.0787	0.81	0.92	489.5	7.3	488.2	3.8	505.8	14.8	488.2	3.8	0.3%	13080811_29
0.49	0.6275	2.31	0.0784	0.88	0.99	494.6	9.0	486.4	4.1	533.3	12.2	486.4	4.1	1.7%	13080811_53
0.39	0.6163	1.94	0.0784	1.11	0.86	487.5	7.5	486.4	5.2	493.5	16.0	486.4	5.2	0.2%	13080811_87
0.61	0.6336	1.35	0.0783	0.90	0.75	498.3	5.3	486.2	4.2	568.6	19.4	486.2	4.2	2.5%	13080811_40
0.43	0.6112	1.16	0.0783	1.01	0.90	484.3	4.5	486.1	4.7	490.3	11.0	486.1	4.7	-0.4%	13080811_35
1.14	0.6330	2.44	0.0780	1.18	0.91	497.9	9.6	484.5	5.5	561.5	12.3	484.5	5.5	2.7%	13080811_51
0.32	0.6262	2.25	0.0778	0.87	1.01	493.7	8.8	482.8	4.0	545.5	7.6	482.8	4.0	2.2%	13080811_52
0.36	0.6018	2.03	0.0773	1.56	0.86	478.4	7.7	480.1	7.2	485.2	19.3	480.1	7.2	-0.4%	13080811_75
0.44	0.6098	2.49	0.0772	0.77	1.12	483.4	9.5	479.6	3.6	495.7	11.2	479.6	3.6	0.8%	13080811_65
0.28	0.5893	1.80	0.0772	1.37	0.87	470.4	6.7	479.1	6.3	443.4	16.0	479.1	6.3	-1.8%	13080811_72
0.22	0.6172	3.56	0.0769	3.16	0.94	488.1	13.7	477.7	14.5	525.2	18.0	477.7	14.5	2.1%	13080811_99
0.78	0.5990	2.62	0.0764	0.89	1.02	476.6	9.9	474.7	4.1	480.0	17.5	474.7	4.1	0.4%	13080811_64
0.37	0.6056	2.62	0.0760	1.05	0.97	480.8	10.0	472.4	4.8	514.8	13.8	472.4	4.8	1.7%	13080811_66
0.31	0.5946	1.92	0.0759	1.51	0.89	473.8	7.2	471.3	6.9	503.9	14.6	471.3	6.9	0.5%	13080811_49
0.46	0.5859	2.29	0.0748	0.66	1.12	468.3	8.6	464.9	2.9	485.9	16.1	464.9	2.9	0.7%	13080811_59
0.18	0.5784	1.79	0.0741	0.78	0.95	463.4	6.6	461.0	3.5	485.7	9.5	461.0	3.5	0.5%	13080811_22
0.42	0.5768	1.75	0.0740	0.79	0.89	462.4	6.5	460.3	3.5	473.7	15.0	460.3	3.5	0.5%	13080811_83
0.35	0.5953	1.86	0.0739	1.53	0.86	474.2	7.0	459.9	6.8	558.4	20.3	459.9	6.8	3.1%	13080811_37
0.56	0.6198	3.60	0.0738	3.12	0.92	489.7	13.9	458.8	13.8	625.7	22.4	458.8	13.8	6.5%	13080811_92
0.28	0.5941	1.83	0.0733	1.34	0.86	473.5	6.9	456.3	5.9	575.6	16.4	456.3	5.9	3.7%	13080811_43
0.44	0.5856	1.82	0.0733	1.30	0.84	468.1	6.8	456.3	5.7	513.8	17.8	456.3	5.7	2.6%	13080811_9
0.49	0.5714	1.80	0.0733	0.94	0.87	458.9	6.6	456.2	4.1	473.3	14.1	456.2	4.1	0.6%	13080811_89
0.55	0.5870	1.81	0.0729	1.33	0.86	468.9	6.8	453.9	5.8	530.5	16.3	453.9	5.8	3.3%	13080811_8
0.40	0.5720	2.97	0.0728	2.09	0.85	459.3	10.9	453.1	9.1	500.6	28.2	453.1	9.1	1.4%	13080811_23
0.67	0.5685	2.53	0.0728	1.24	0.89	457.0	9.3	452.8	5.4	479.6	16.9	452.8	5.4	0.9%	13080811_56
0.6															

0.16	0.4761	1.92	0.0626	1.14	0.89	395.4	6.3	391.5	4.3	421.9	10.8	391.5	4.3	1.0%	13080811_13
0.70	0.5077	2.33	0.0610	0.73	1.05	416.9	7.9	381.4	2.7	619.3	16.9	381.4	2.7	8.9%	13080811_60
0.43	0.4702	6.51	0.0601	6.24	0.98	391.3	20.9	376.1	22.8	485.4	22.4	376.1	22.8	4.0%	13080811_20
13080812, Devonian Cuche Formation (N=98). 5.96783°N 72.80652°W															
0.35	4.4079	1.84	0.3010	1.19	0.89	1713.8	15.1	1696.2	17.7	1727.2	4.3	1727.2	4.3	1.0%	13080812_37
0.42	4.5403	1.66	0.3075	1.19	0.89	1738.4	13.7	1728.6	18.0	1727.1	6.0	1727.1	6.0	0.6%	13080812_45
0.32	3.8675	2.25	0.2763	1.28	0.90	1606.9	18.0	1572.8	17.8	1658.7	6.9	1658.7	6.9	2.1%	13080812_14
0.49	3.6350	2.04	0.2649	0.97	0.89	1557.2	16.1	1515.1	13.0	1617.7	11.6	1617.7	11.6	2.7%	13080812_71
0.30	3.8287	2.09	0.2822	1.01	0.88	1598.8	16.7	1602.3	14.3	1596.9	13.0	1596.9	13.0	-0.2%	13080812_79
0.36	3.5520	2.37	0.2611	1.39	0.90	1538.9	18.6	1495.5	18.5	1590.2	4.4	1590.2	4.4	2.9%	13080812_54
0.23	3.6676	1.75	0.2725	1.26	0.88	1564.3	13.8	1553.5	17.4	1555.5	9.0	1555.5	9.0	0.7%	13080812_41
0.25	3.4252	2.25	0.2589	1.28	0.90	1510.2	17.5	1484.0	16.9	1554.1	6.6	1554.1	6.6	1.8%	13080812_19
0.35	3.0655	2.38	0.2323	1.35	0.91	1424.1	18.1	1346.4	16.4	1547.9	4.2	1547.9	4.2	5.6%	13080812_10
0.26	3.5204	1.64	0.2674	1.10	0.89	1531.8	12.9	1527.6	14.9	1541.7	5.9	1541.7	5.9	0.3%	13080812_65
0.35	3.4516	1.91	0.2606	1.25	0.88	1516.2	14.9	1492.7	16.7	1540.8	7.4	1540.8	7.4	1.6%	13080812_33
0.24	3.5269	1.66	0.2686	1.12	0.89	1533.3	13.0	1533.5	15.2	1537.0	6.4	1537.0	6.4	0.0%	13080812_62
0.32	3.2183	1.35	0.2508	1.00	0.90	1461.6	10.4	1442.9	12.9	1490.0	5.7	1490.0	5.7	1.3%	13080812_99
0.43	2.7366	1.89	0.2139	1.29	0.86	1338.4	13.9	1249.4	14.7	1488.1	12.5	1488.1	12.5	6.9%	13080812_69
0.61	3.3231	2.55	0.2585	1.53	0.87	1486.5	19.7	1482.1	20.2	1483.9	13.0	1483.9	13.0	0.3%	13080812_53
0.11	2.8287	1.28	0.2213	0.94	0.91	1363.2	9.6	1288.7	11.0	1483.1	3.8	1483.1	3.8	5.6%	13080812_93
0.57	3.4938	2.15	0.2706	1.55	0.84	1525.8	16.8	1543.9	21.2	1477.0	18.1	1477.0	18.1	-1.2%	13080812_42
0.28	3.3325	1.67	0.2582	1.20	0.89	1488.7	13.0	1480.8	15.9	1476.1	6.6	1476.1	6.6	0.5%	13080812_49
0.29	3.2147	2.40	0.2532	1.34	0.90	1460.7	18.4	1455.1	17.5	1474.6	7.1	1474.6	7.1	0.4%	13080812_2
0.15	3.1131	2.41	0.2469	1.40	0.89	1435.9	18.3	1422.3	17.9	1447.2	7.7	1447.2	7.7	1.0%	13080812_57
0.41	2.6756	2.43	0.2140	1.35	0.86	1321.8	17.8	1250.2	15.3	1446.7	15.6	1446.7	15.6	5.6%	13080812_18
0.08	3.1757	1.65	0.2527	0.93	0.89	1451.3	12.6	1452.5	12.1	1443.3	5.3	1443.3	5.3	-0.1%	13080812_25
0.41	2.9092	1.80	0.2384	1.19	0.86	1384.3	13.5	1378.3	14.8	1397.7	11.7	1397.7	11.7	0.4%	13080812_63
0.28	2.4923	1.91	0.2099	1.24	0.88	1269.8	13.7	1228.1	13.9	1332.4	8.0	1332.4	8.0	3.3%	13080812_35
0.45	2.6397	1.65	0.2226	0.92	0.89	1311.8	12.1	1295.8	10.8	1331.8	6.4	1331.8	6.4	1.2%	13080812_21
0.26	2.6603	2.49	0.2244	1.48	0.88	1317.5	18.2	1305.1	17.5	1328.7	11.1	1328.7	11.1	0.9%	13080812_59
0.24	2.5201	1.92	0.2138	1.30	0.79	1277.8	13.9	1249.0	14.7	1327.9	20.3	1327.9	20.3	2.3%	13080812_96
0.17	2.5621	1.42	0.2197	1.02	0.87	1289.9	10.3	1280.4	11.8	1307.0	9.1	1307.0	9.1	0.7%	13080812_92
0.40	2.6737	1.93	0.2263	1.38	0.85	1321.2	14.2	1315.1	16.4	1306.8	14.4	1306.8	14.4	0.5%	13080812_47
0.26	2.3327	1.90	0.2066	0.83	0.94	1222.3	13.4	1210.9	9.1	1245.4	7.1	1245.4	7.1	0.9%	13080812_76
0.32	2.2248	2.63	0.1983	1.52	0.84	1188.9	18.2	1166.4	16.2	1237.3	20.6	1237.3	20.6	1.9%	13080812_17
0.08	2.2122	2.23	0.1975	1.26	0.90	1184.9	15.4	1161.7	13.3	1234.9	5.6	1234.9	5.6	2.0%	13080812_13
0.31	2.2055	1.69	0.1977	1.10	0.87	1182.8	11.7	1163.2	11.7	1223.0	9.5	1223.0	9.5	1.7%	13080812_68
0.33	2.2761	1.87	0.2039	0.91	0.91	1204.9	13.1	1196.4	9.9	1221.6	8.6	1221.6	8.6	0.7%	13080812_90
0.21	1.9261	1.87	0.1729	1.19	0.84	1090.2	12.4	1028.1	11.3	1220.8	15.3	1220.8	15.3	5.9%	13080812_70
0.25	2.2808	2.41	0.2050	1.41	0.90	1206.4	16.8	1202.4	15.5	1204.2	7.1	1204.2	7.1	0.3%	13080812_52
0.16	2.3045	1.80	0.2084	0.84	0.94	1213.7	12.6	1220.2	9.3	1203.6	4.6	1203.6	4.6	-0.5%	13080812_87
0.10	2.2332	2.20	0.2034	1.23	0.91	1191.5	15.3	1193.5	13.4	1195.2	4.1	1195.2	4.1	-0.2%	13080812_15
0.18	2.1941	1.88	0.1986	1.19	0.87	1179.2	13.0	1167.7	12.7	1194.0	11.2	1194.0	11.2	1.0%	13080812_30
0.25	2.1951	2.22	0.2002	1.25	0.90	1179.5	15.4	1176.1	13.4	1192.9	5.9	1192.9	5.9	0.3%	13080812_16
0.20	2.1197	1.69	0.1933	1.12	0.88	1155.2	11.6	1139.4	11.7	1189.5	8.5	1189.5	8.5	1.4%	13080812_64
0.41	2.1790	1.89	0.1991	0.92	0.90	1174.4	13.1	1170.3	9.9	1183.3	9.5	1183.3	9.5	0.3%	13080812_83
0.51	2.1511	1.98	0.1973	0.87	0.91	1165.4	13.6	1160.7	9.3	1177.1	11.7	1177.1	11.7	0.4%	13080812_77
0.18	2.2489	1.85	0.2053	1.19	0.89	1196.5	12.9	1203.5	13.0	1174.8	6.3	1174.8	6.3	-0.6%	13080812_36
0.29	2.1915	1.88	0.2004	1.21	0.88	1178.3	13.0	1177.5	13.0	1171.0	7.7	1171.0	7.7	0.1%	13080812_34
0.18	2.1324	1.66	0.1947	1.20	0.89	1159.4	11.4	1147.0	12.6	1157.6	6.3	1157.6	6.3	1.1%	13080812_46
0.38	1.7956	2.33	0.1681	1.36	0.88	1043.9	15.1	1001.5	12.6	1141.0	10.5	1141.0	10.5	4.1%	13080812_11
0.29	2.1428	2.58	0.2006	1.47	0.87	1162.7	17.7	1178.8	15.8	1138.9	15.4	1138.9	15.4	-1.4%	13080812_9
0.19	2.0810	1.90	0.1945	0.89	0.90	1142.6	13.0	1145.7	9.4	1138.2	11.0	1138.2	11.0	-0.3%	13080812_84
0.40	1.7905	1.65	0.1687	0.94	0.90	1042.0	10.7	1004.8	8.8	1114.6	4.9	1114.6	4.9	3.6%	13080812_22
0.29	1.8321	2.56	0.1785	1.46	0.88	1057.0	16.7	1058.8	14.2	1059.5	14.5	1059.5	14.5	-0.2%	13080812_8
0.65	1.7360	2.63	0.1693	1.49	0.86	1022.0	16.8	1008.2	13.9	1057.7	17.5	1057.7	17.5	1.4%	13080812_4
0.24	1.7060	2.41	0.1672	1.34	0.90	1010.8	15.3	996.6	12.4	1047.9	8.1	1047.9	8.1	1.4%	13080812_1
0.20	1.6871	1.40	0.1652	1.01	0.88	1003.7	8.9	985.5	9.2	1044.8	9.1	1044.8	9.1	1.8%	13080812_98
0.25	1.7657	2.47	0.1727	1.44	0.88	1032.9	15.9	1027.0	13.7	1035.9	11.8	1035.9	11.8	0.6%	13080812_56
0.64	1.6790	2.32	0.1659	1.30	0.88	1000.6	14.7	989.7	11.9	1032.1	12.1	1032.1	12.1	1.1%	13080812_12
0.16	1.7027	2.42	0.1669	1.41	0.89	1009.5	15.3	995.0	13.0	1031.6	8.6	1031.6	8.6	1.4%	13080812_60
0.24	1.7031	2.16	0.1672	1.35	0.83	1009.7	13.7	996.9	12.4	1028.5	18.4	1028.5	18.4	1.3%	13080812_32
0.25	1.6428	1.65	0.1604	1.18	0.89	986.8	10.4	959.1	10.5	1023.6	6.5	1023.6	6.5	2.9%	13080812_43
0.24	1.7689	1.85	0.1752	0.88	0.92	1034.1	11.9	1040.8	8.5	1021.6	7.7	1021.6	7.7	-0.6%	13080812_85
0.15	1.6918	1.92	0.1671	1.23	0.87	1005.4	12.2	996.1	11.4	1016.7	9.9	1016.7	9.9	0.9%	13080812_39
0.20	1.7163	1.81	0.1705	0.85	0.93	1014.6	11.6	1014.9	8.0	1015.5	5.7	1015.5	5.7	0.0%	13080812_88
0.10	1.6801	1.74	0.1672	1.17	0.88	1001.0	11.0	996.6	10.8	1015.2	10.0	1015			

0.32	1.8030	2.38	0.1793	0.86	1.02	1046.5	15.4	1063.0	8.4	1012.5	30.0	1012.5	30.0	-1.6%	MA16_58
0.20	1.7080	1.47	0.1698	0.85	0.81	1011.5	9.4	1011.2	7.9	1012.3	18.8	1012.3	18.8	0.0%	MA16_32
0.15	1.6741	2.49	0.1666	1.48	0.90	998.7	15.7	993.2	13.6	1011.0	26.6	1011.0	26.6	0.6%	MA16_2
0.58	1.7036	2.51	0.1695	0.91	1.01	1009.9	16.0	1009.5	8.5	1010.9	31.9	1010.9	31.9	0.0%	MA16_50
0.29	1.6547	2.21	0.1647	0.98	0.95	991.3	13.9	982.9	9.0	1010.0	26.4	1010.0	26.4	0.9%	MA16_44
0.15	1.7162	2.13	0.1709	0.91	0.96	1014.6	13.6	1016.9	8.5	1009.7	25.9	1009.7	25.9	-0.2%	MA16_68
0.11	1.7461	1.47	0.1739	0.91	0.88	1025.7	9.5	1033.4	8.7	1009.4	16.1	1009.4	16.1	-0.7%	MA16_108
0.23	1.7458	1.78	0.1742	1.15	0.89	1025.6	11.4	1035.2	11.0	1005.2	18.7	1005.2	18.7	-0.9%	MA16_115
0.14	1.7378	1.51	0.1735	0.90	0.86	1022.7	9.7	1031.3	8.6	1004.3	17.3	1004.3	17.3	-0.8%	MA16_106
0.41	1.6759	2.35	0.1673	0.84	1.03	999.4	14.8	997.4	7.8	1004.0	29.3	1004.0	29.3	0.2%	MA16_56
0.24	1.7159	2.58	0.1714	1.23	0.84	1014.5	16.4	1019.7	11.6	1003.4	33.7	1003.4	33.7	-0.5%	MA16_72
0.18	1.7459	1.79	0.1746	1.17	0.89	1025.6	11.5	1031.7	11.2	1001.2	18.6	1001.2	18.6	-1.1%	MA16_120
0.21	1.7297	1.84	0.1730	1.18	0.87	1019.6	11.8	1028.7	11.2	1000.2	20.1	1000.2	20.1	-0.9%	MA16_119
0.14	1.7115	2.28	0.1713	0.79	1.08	1012.9	14.5	1019.0	7.4	999.7	28.1	999.7	28.1	-0.6%	MA16_64
0.16	1.7232	2.18	0.1726	0.93	0.96	1017.2	13.9	1026.2	8.9	997.9	26.3	997.9	26.3	-0.9%	MA16_45
0.25	1.6505	1.45	0.1653	0.89	0.89	989.7	9.1	986.2	8.1	997.5	15.7	997.5	15.7	0.4%	MA16_102
0.25	1.6315	1.69	0.1637	1.28	0.86	982.5	10.6	977.3	11.6	994.1	17.9	994.1	17.9	0.5%	MA16_74
0.01	1.6434	1.92	0.1652	1.25	0.87	987.0	12.0	985.7	11.4	990.0	21.0	990.0	21.0	0.1%	MA16_114
0.17	1.6492	1.85	0.1658	1.21	0.82	989.2	11.7	989.0	11.1	989.8	22.3	989.8	22.3	0.0%	MA16_97
0.27	1.8032	2.49	0.1814	0.88	1.03	1046.6	16.1	1074.4	8.7	989.2	31.6	989.2	31.6	-2.6%	MA16_52
0.53	1.6061	1.64	0.1617	1.08	0.85	972.6	10.2	966.0	9.7	987.6	18.5	987.6	18.5	0.7%	MA16_91
0.31	1.7033	1.40	0.1717	0.84	0.83	1009.8	8.9	1021.4	7.9	984.8	17.2	984.8	17.2	-1.1%	MA16_33
0.57	1.7077	1.87	0.1727	1.17	0.80	1011.4	11.9	1026.8	11.1	978.3	23.6	978.3	23.6	-1.5%	MA16_96
0.14	1.6261	1.55	0.1646	0.93	0.85	980.4	9.7	982.4	8.4	975.8	18.3	975.8	18.3	-0.2%	MA16_103
0.37	1.6531	2.32	0.1682	0.81	1.06	990.7	14.6	1002.1	7.5	965.7	29.0	965.7	29.0	-1.1%	MA16_57
0.16	1.5912	2.14	0.1621	0.90	0.96	966.8	13.3	968.2	8.1	963.6	26.5	963.6	26.5	-0.2%	MA16_66
0.29	1.6395	1.19	0.1671	0.66	0.87	985.5	7.5	996.1	6.1	962.3	14.0	962.3	14.0	-1.1%	MA16_36
0.17	1.5944	2.28	0.1630	0.79	1.08	968.0	14.1	973.2	7.1	956.4	28.2	956.4	28.2	-0.5%	MA16_60
0.22	1.4784	1.46	0.1517	0.86	0.87	921.6	8.8	910.2	7.3	948.9	16.7	948.9	16.7	1.2%	MA16_104
0.29	1.6576	2.41	0.1708	0.96	0.98	992.5	15.1	1016.5	9.0	939.9	29.9	939.9	29.9	-2.4%	MA16_62
0.19	1.4909	2.29	0.1558	0.95	0.95	926.7	13.8	933.6	8.2	910.3	29.0	910.3	29.0	-0.7%	MA16_14
0.26	1.4888	1.25	0.1557	0.71	0.86	925.8	7.6	932.8	6.1	909.3	15.1	909.3	15.1	-0.8%	MA16_26
0.20	1.1998	1.24	0.1311	0.73	0.87	800.5	6.9	793.9	5.4	818.8	14.9	793.9	5.4	0.8%	MA16_31
0.31	1.0293	1.64	0.1154	1.15	0.88	718.6	8.4	704.1	7.7	764.0	17.6	704.1	7.7	2.0%	MA16_94
0.25	0.9100	2.21	0.1099	0.94	0.96	657.1	10.6	672.1	6.0	605.7	28.8	672.1	6.0	-2.3%	MA16_37
0.15	0.9825	0.76	0.1077	0.58	0.82	694.9	3.8	659.1	3.6	812.6	9.1	659.1	3.6	5.3%	MA16_83
0.38	0.8848	8.40	0.1054	8.12	0.99	643.6	39.3	646.0	49.7	632.4	29.2	646.0	49.7	-0.4%	MA16_23
0.54	0.8268	1.51	0.0979	1.24	0.91	611.8	6.9	601.9	7.1	648.8	13.9	601.9	7.1	1.6%	MA16_80
0.63	0.8216	2.53	0.0972	1.49	0.90	609.0	11.5	597.8	8.5	650.7	29.1	597.8	8.5	1.9%	MA16_1
0.41	0.7566	2.20	0.0927	0.95	0.93	572.1	9.6	571.4	5.2	574.9	29.2	571.4	5.2	0.1%	MA16_67
0.13	0.7238	2.33	0.0892	0.78	1.07	552.9	9.9	550.9	4.1	561.4	31.5	550.9	4.1	0.4%	MA16_63
0.49	0.7040	1.62	0.0872	1.19	0.84	541.2	6.8	538.7	6.1	551.7	19.2	538.7	6.1	0.5%	MA16_75
0.73	0.7009	0.99	0.0867	0.57	0.69	539.3	4.1	535.8	3.0	554.5	15.7	535.8	3.0	0.7%	MA16_89
0.65	0.6901	1.87	0.0836	1.17	0.81	532.9	7.7	517.8	5.8	598.1	24.5	517.8	5.8	2.9%	MA16_110
0.32	0.6706	2.58	0.0836	1.06	0.99	521.1	10.5	517.7	5.3	536.0	33.6	517.7	5.3	0.6%	MA16_6
0.31	0.5792	2.38	0.0746	0.75	1.13	464.0	8.8	463.7	3.3	465.3	32.7	463.7	3.3	0.1%	MA16_55
0.36	0.5515	1.70	0.0722	1.06	0.82	446.0	6.1	449.2	4.6	429.5	22.8	449.2	4.6	-0.7%	MA16_93
0.47	0.5498	1.55	0.0709	0.99	0.87	444.8	5.6	441.8	4.2	460.4	18.3	441.8	4.2	0.7%	MA16_101
0.18	0.5313	1.88	0.0691	1.21	0.87	432.7	6.6	430.5	5.1	444.3	22.4	430.5	5.1	0.5%	MA16_111
0.54	0.5228	2.39	0.0686	0.75	1.12	427.0	8.3	427.8	3.1	422.9	33.1	427.8	3.1	-0.2%	MA16_46
0.19	0.5166	1.43	0.0686	0.73	0.79	422.9	4.9	427.4	3.0	398.4	21.3	427.4	3.0	-1.1%	MA16_35
0.48	0.5268	8.40	0.0674	8.12	0.99	429.7	29.0	420.4	32.9	477.1	30.4	420.4	32.9	2.2%	MA16_25
0.54	0.5319	8.41	0.0664	8.13	0.99	433.1	29.2	414.2	32.5	532.0	29.6	414.2	32.5	4.5%	MA16_18
0.36	0.5108	1.38	0.0662	0.77	0.82	419.0	4.7	413.5	3.1	449.5	19.3	413.5	3.1	1.3%	MA16_30
0.57	0.4462	1.68	0.0578	1.21	0.83	374.6	5.2	362.2	4.3	452.0	20.9	362.2	4.3	3.4%	MA16_77
0.29	0.4114	8.42	0.0553	8.12	0.99	349.9	24.6	347.1	27.4	365.8	32.4	347.1	27.4	0.8%	MA16_20

GIR08151, Jurassic Giron Formation (N=109), 7.09043°N 73.18699°W

0.28	4.0439	1.58	0.2915	0.80	0.86	1643.1	12.8	1648.8	11.7	1635.8	18.0	1635.8	18.0	-0.4%	GIR08151_68
0.27	3.8025	1.39	0.2856	0.90	0.86	1593.3	11.1	1619.5	12.9	1558.8	14.4	1558.8	14.4	-1.6%	GIR08151_103
0.03	3.2121	1.28	0.2546	1.02	0.90	1460.1	9.9	1462.1	13.3	1457.2	11.0	1457.2	11.0	-0.1%	GIR08151_37
0.32	3.0228	1.42	0.2485	0.91	0.85	1413.4	10.7	1430.5	11.7	1387.8	15.3	1387.8	15.3	-1.2%	GIR08151_104
0.36	2.8424	2.14	0.2387	1.20	0.73	1366.8	16.0	1380.1	14.9	1346.2	28.7	1346.2	28.7	-1.0%	GIR08151_78
0.15	2.5392	1.27	0.2182	0.66	0.86	1283.3	9.2	1272.5	7.6	1301.6	15.1	1301.6	15.1	0.8%	GIR08151_11
0.17	2.5444	1.64	0.2211	0.87	0.85	1284.8	11.9	1287.8	10.2	1279.9	19.5	1279.9	19.5	-0.2%	GIR08151_62
0.35	2.2800	3.49	0.2060	2.98	0.94	1206.1	24.3	1207.2	32.7	1204.5	24.7	1204.5	24.7	-0.1%	GIR08151_16
0.29	2.2606	3.50	0.2067	2.98	0.93	1200.1	24.4	1211.1	32.9	1180.7	25.3	1180.7	25.3	-0.9%	GIR08151_19
0.25	1.9239	1.99	0.1764	1.34	0.82	1089.4	13.2	1047.1	13.0	1175.2	22.9	1175.2	22.9	4.0%	GIR08151_8
0.22	1.9432	1.71	0.1817	1.10	0.86	1096.1	11.4	1076.5	10.9						

0.18	1.8070	1.63	0.1788	0.92	0.82	1048.0	10.6	1060.5	9.0	1022.2	20.5	1022.2	20.5	-1.2%	GIR08151_87
0.37	1.6277	1.76	0.1612	0.92	0.80	981.0	11.0	963.3	8.3	1020.7	23.2	1020.7	23.2	1.8%	GIR08151_79
0.26	1.7561	3.51	0.1743	2.99	0.93	1029.4	22.4	1035.8	28.5	1016.3	26.0	1016.3	26.0	-0.6%	GIR08151_17
0.21	1.6384	1.65	0.1626	0.97	0.80	985.1	10.3	971.4	8.8	1015.8	21.1	1015.8	21.1	1.4%	GIR08151_50
0.17	1.8229	1.60	0.1810	0.97	0.82	1053.7	10.5	1072.5	9.6	1015.2	19.8	1015.2	19.8	-1.8%	GIR08151_45
0.19	1.7556	1.62	0.1747	0.77	0.84	1029.2	10.4	1038.0	7.4	1010.6	21.4	1010.6	21.4	-0.9%	GIR08151_74
0.21	1.8646	1.67	0.1856	0.85	0.83	1068.6	11.0	1097.7	8.6	1009.8	21.6	1009.8	21.6	-2.7%	GIR08151_67
0.16	1.8278	1.75	0.1822	1.25	0.86	1055.5	11.4	1078.7	12.4	1007.9	18.6	1007.9	18.6	-2.2%	GIR08151_2
0.22	1.8062	0.03	0.1805	0.00	0.87	1047.7	11.2	1069.6	12.2	1002.6	18.1	1002.6	18.1	-2.1%	GIR08151_4
0.25	1.5902	1.82	0.1590	1.22	0.86	966.4	11.3	951.4	10.8	1000.5	20.1	1000.5	20.1	1.6%	GIR08151_112
0.21	1.8823	1.31	0.1889	0.63	0.83	1074.9	8.7	1115.3	6.5	993.9	17.5	993.9	17.5	-3.7%	GIR08151_14
0.21	1.7362	1.45	0.1742	0.98	0.77	1022.0	9.3	1035.3	9.3	993.9	18.9	993.9	18.9	-1.3%	GIR08151_36
0.21	1.7957	3.21	0.1804	2.47	0.90	1043.9	20.7	1068.9	24.3	992.1	29.7	992.1	29.7	-2.4%	GIR08151_29
0.89	1.7086	2.07	0.1717	1.11	0.73	1011.8	13.2	1021.3	10.5	991.3	29.8	991.3	29.8	-0.9%	GIR08151_69
0.45	1.7499	1.67	0.1758	0.85	0.82	1027.1	10.7	1044.1	8.2	991.2	21.9	991.2	21.9	-1.6%	GIR08151_80
0.38	1.7031	1.20	0.1712	0.88	0.86	1009.7	7.6	1018.5	8.3	990.9	12.7	990.9	12.7	-0.9%	GIR08151_38
0.24	1.7228	1.61	0.1739	1.06	0.82	1017.1	10.3	1033.4	10.1	982.2	19.5	982.2	19.5	-1.6%	GIR08151_110
0.30	1.7808	1.68	0.1801	0.89	0.83	1038.5	10.9	1067.3	8.8	978.3	21.6	978.3	21.6	-2.7%	GIR08151_55
0.18	1.6319	1.76	0.1652	1.11	0.84	982.6	11.0	985.7	10.1	975.7	20.9	975.7	20.9	-0.3%	GIR08151_119
0.22	1.5980	1.20	0.1619	0.87	0.86	969.4	7.5	967.3	7.8	974.3	13.1	974.3	13.1	0.2%	GIR08151_32
0.15	1.6691	1.67	0.1702	0.88	0.78	996.8	10.6	1013.1	8.3	961.3	22.9	961.3	22.9	-1.6%	GIR08151_86
0.31	1.5346	1.95	0.1581	1.07	0.76	944.3	11.9	946.0	9.4	940.6	27.1	940.6	27.1	-0.2%	GIR08151_57
0.23	1.6169	0.02	0.1675	0.00	0.74	976.8	8.6	998.2	5.5	929.0	20.6	929.0	20.6	-2.2%	GIR08151_100
0.28	1.4179	1.40	0.1467	0.69	0.75	896.5	8.3	882.7	5.7	930.7	20.4	882.7	5.7	1.5%	GIR08151_96
0.84	1.5187	1.71	0.1451	0.99	0.78	937.9	10.4	873.5	8.1	1092.7	22.3	873.5	8.1	7.1%	GIR08151_44
0.37	1.2656	1.71	0.1410	1.08	0.78	830.4	9.6	850.3	8.6	777.7	23.0	850.3	8.6	-2.4%	GIR08151_108
0.23	1.3788	3.67	0.1377	3.17	0.94	879.9	21.3	831.8	24.7	1003.1	25.5	831.8	24.7	5.6%	GIR08151_25
0.35	1.1086	1.36	0.1202	0.57	0.74	757.5	7.3	731.7	4.0	834.5	21.1	731.7	4.0	3.5%	GIR08151_99
0.41	0.9399	1.93	0.1098	1.31	0.84	672.8	9.4	671.7	8.4	676.6	22.9	671.7	8.4	0.2%	GIR08151_111
0.35	0.6418	1.70	0.0800	0.82	0.80	503.4	6.7	496.0	3.9	537.6	25.0	496.0	3.9	1.5%	GIR08151_64
0.33	0.6180	1.41	0.0788	0.96	0.78	488.6	5.4	488.8	4.5	487.8	19.4	488.8	4.5	0.0%	GIR08151_40
0.30	0.6112	1.77	0.0784	0.88	0.78	484.3	6.8	486.5	4.1	474.0	26.6	486.5	4.1	-0.5%	GIR08151_76
0.21	0.5912	1.78	0.0779	0.95	0.80	471.6	6.7	483.5	4.4	414.5	26.1	483.5	4.4	-2.5%	GIR08151_71
0.56	0.6105	1.55	0.0778	0.72	0.87	483.9	6.0	483.0	3.4	487.9	21.7	483.0	3.4	0.2%	GIR08151_59
0.32	0.5942	1.73	0.0777	0.90	0.81	473.5	6.5	482.1	4.2	432.1	25.1	482.1	4.2	-1.8%	GIR08151_58
0.13	0.6128	1.34	0.0769	0.73	0.80	485.3	5.1	477.5	3.4	522.4	19.0	477.5	3.4	1.6%	GIR08151_92
0.54	0.5965	3.70	0.0764	3.09	0.92	475.0	13.9	474.5	14.1	477.8	33.1	474.5	14.1	0.1%	GIR08151_21
0.09	0.5972	1.76	0.0763	0.99	0.82	475.4	6.6	473.9	4.5	482.8	24.1	473.9	4.5	0.3%	GIR08151_51
0.43	0.5957	1.56	0.0751	0.77	0.81	474.5	5.9	466.9	3.5	511.1	22.7	466.9	3.5	1.6%	GIR08151_88
0.43	0.4271	1.36	0.0574	0.86	0.75	361.1	4.1	359.6	3.0	370.7	20.3	359.6	3.0	0.4%	GIR08151_31
0.50	0.3478	2.17	0.0487	1.09	0.69	303.1	5.7	306.8	3.3	274.6	36.7	306.8	3.3	-1.2%	GIR08151_60
0.41	0.3469	1.61	0.0482	0.76	0.84	302.4	4.2	303.5	2.2	294.1	24.0	303.5	2.2	-0.4%	GIR08151_75
0.31	0.3429	1.74	0.0469	0.77	0.63	299.4	4.5	295.2	2.2	331.9	31.1	295.2	2.2	1.4%	GIR08151_98
0.48	0.3308	1.83	0.0465	1.13	0.82	290.2	4.6	293.1	3.2	267.3	25.5	293.1	3.2	-1.0%	GIR08151_115
0.41	0.3176	2.10	0.0452	1.17	0.65	280.1	5.1	285.1	3.3	238.9	36.6	285.1	3.3	-1.8%	GIR08151_91
0.29	0.3344	2.18	0.0451	1.27	0.73	292.9	5.5	284.5	3.5	360.6	33.8	284.5	3.5	2.9%	GIR08151_114
0.36	0.3227	1.61	0.0447	0.79	0.84	284.0	4.0	282.1	2.2	299.7	23.3	282.1	2.2	0.7%	GIR08151_65
0.38	0.3245	1.81	0.0447	0.88	0.77	285.4	4.5	282.0	2.4	313.2	28.5	282.0	2.4	1.2%	GIR08151_53
0.60	0.3209	1.73	0.0447	0.86	0.80	282.6	4.3	282.0	2.4	288.0	26.5	282.0	2.4	0.2%	GIR08151_70
0.35	0.3141	3.22	0.0440	2.45	0.89	277.4	7.8	277.6	6.7	275.7	34.3	277.6	6.7	-0.1%	GIR08151_27
0.42	0.3030	3.02	0.0436	1.44	0.56	268.7	7.1	275.2	3.9	212.6	57.2	275.2	3.9	-2.4%	GIR08151_15
0.47	0.3049	2.09	0.0434	1.15	0.67	270.2	4.9	273.6	3.1	241.0	36.0	273.6	3.1	-1.2%	GIR08151_101
0.41	0.3105	1.98	0.0427	0.91	0.69	274.6	4.8	269.6	2.4	316.9	33.9	269.6	2.4	1.8%	GIR08151_6
0.48	0.3076	1.72	0.0427	0.93	0.75	272.3	4.1	269.6	2.4	295.6	27.0	269.6	2.4	1.0%	GIR08151_49
0.34	0.3097	2.24	0.0424	1.26	0.71	274.0	5.4	267.7	3.3	327.9	36.2	267.7	3.3	2.3%	GIR08151_113
0.18	0.2988	2.10	0.0423	0.97	0.66	265.5	4.9	267.3	2.5	249.9	37.0	267.3	2.5	-0.7%	GIR08151_7
0.63	0.3036	1.46	0.0423	0.66	0.71	269.2	3.4	266.9	1.7	289.7	24.8	266.9	1.7	0.9%	GIR08151_94
0.61	0.3069	1.67	0.0423	0.84	0.82	271.8	4.0	266.8	2.2	315.1	24.7	266.8	2.2	1.9%	GIR08151_63
0.55	0.3217	2.11	0.0420	1.01	0.63	283.2	5.2	265.3	2.6	433.7	36.9	265.3	2.6	6.5%	GIR08151_13
0.35	0.2944	3.78	0.0417	3.11	0.90	262.0	8.7	263.4	8.0	249.5	37.9	263.4	8.0	-0.5%	GIR08151_24
0.36	0.2944	1.69	0.0414	0.93	0.77	262.1	3.9	261.6	2.4	266.6	26.1	261.6	2.4	0.2%	GIR08151_47
0.36	0.3033	1.99	0.0408	0.91	0.71	269.0	4.7	257.6	2.3	369.0	33.2	257.6	2.3	4.3%	GIR08151_66
0.39	0.2864	2.15	0.0401	1.22	0.67	255.7	4.8	253.6	3.0	275.2	36.2	253.6	3.0	0.8%	GIR08151_109
0.21	0.2590	1.65	0.0370	0.86	0.76	233.8	3.4	234.3	2.0	229.3	26.1	234.3	2.0	-0.2%	GIR08151_46
0.50	0.2473	1.84	0.0356	0.94	0.77	224.4	3.7	225.2	2.1	215.9	29.1	225.2	2.1	-0.4%	GIR08151_72
0.37	0.2457	1.26	0.0349	0.84	0.80	223.1	2.5	221.5	1.8	240.8	17.7	221.5	1.8	0.7%	GIR08151_35
0.45	0.2346	3.97	0.0346	2.71	0.78	214.0	7.6	219.4	5.9	154.8	57.5	219.4	5.9	-2.5%	GIR08151_28
1.01	0.2374	1.26	0.0346	0.55	0.79	216.3	2.5	219.3	1.2	183.8	20.7	219.3	1.2	-1.4%	GIR08151_95
0.42	0.2370	1.46	0.0344	0.65	0.75	216.0	2.8	218.3	1.4	190.6	24.4	218.3	1.4	-1.1%	GIR08151_12
0.49	0.2479														

0.69	0.2094	3.54	0.0309	1.78	0.57	193.1	6.2	196.3	3.4	154.2	66.8	196.3	3.4	-1.6%	GIR08151_56
0.71	0.2025	3.89	0.0306	2.65	0.79	187.2	6.6	194.5	5.1	95.9	57.0	194.5	5.1	-3.8%	GIR08151_26
0.62	0.2308	2.42	0.0302	1.36	0.60	210.9	4.6	191.7	2.6	430.6	42.5	191.7	2.6	9.5%	GIR08151_34
0.63	0.2031	2.05	0.0301	1.09	0.69	187.7	3.5	191.1	2.1	145.4	35.2	191.1	2.1	-1.8%	GIR08151_90
0.69	0.2147	2.22	0.0300	1.11	0.64	197.5	4.0	190.7	2.1	278.6	39.4	190.7	2.1	3.5%	GIR08151_48
0.45	0.2174	2.22	0.0294	1.07	0.62	199.7	4.0	187.0	2.0	352.5	39.3	187.0	2.0	6.6%	GIR08151_41
0.54	0.2046	3.30	0.0293	1.74	0.60	189.0	5.7	186.0	3.2	226.1	60.1	186.0	3.2	1.6%	GIR08151_116
0.53	0.2046	2.84	0.0292	1.37	0.58	189.0	4.9	185.7	2.5	230.6	53.0	185.7	2.5	1.8%	GIR08151_82
0.57	0.2158	2.13	0.0291	0.99	0.66	198.4	3.8	184.6	1.8	365.6	36.8	184.6	1.8	7.2%	GIR08151_10
0.69	0.1927	3.03	0.0280	1.42	0.55	179.0	5.0	178.0	2.5	191.7	58.2	178.0	2.5	0.5%	GIR08151_43
FS5, Jurassic Girón Formation (N=128). 5.81312°N 72.88167°W															
0.38	3.4722	2.38	0.2660	1.39	0.86	1520.9	18.6	1520.5	18.8	1521.6	25.8	1521.6	25.8	0.0%	FS5_124
0.19	2.7048	2.54	0.2246	1.84	0.89	1329.8	18.6	1306.3	21.7	1367.7	23.2	1367.7	23.2	1.8%	FS5_117
0.35	2.2433	3.17	0.1914	2.31	0.84	1194.7	22.0	1129.0	23.8	1315.6	33.5	1315.6	33.5	5.7%	FS5_104
0.06	2.3081	2.13	0.2071	1.35	0.90	1214.8	14.9	1213.1	14.9	1217.8	21.0	1217.8	21.0	0.1%	FS5_35
0.17	2.3114	2.72	0.2121	1.94	0.87	1215.8	19.1	1240.3	21.8	1172.6	27.6	1172.6	27.6	-2.0%	FS5_113
0.12	1.6169	2.47	0.1580	1.65	0.86	976.8	15.4	945.8	14.5	1047.2	26.7	1047.2	26.7	3.2%	FS5_108
0.28	1.6704	2.55	0.1634	1.88	0.89	997.3	16.1	975.9	17.0	1044.7	24.6	1044.7	24.6	2.2%	FS5_96
0.31	1.6737	2.36	0.1655	1.48	0.86	998.6	14.9	987.4	13.6	1023.3	26.5	1023.3	26.5	1.1%	FS5_106
0.36	1.6971	2.31	0.1681	1.36	0.88	1007.5	14.6	1001.7	12.6	1020.1	26.0	1020.1	26.0	0.6%	FS5_125
0.05	1.8974	3.27	0.1892	2.38	0.84	1080.2	21.5	1117.0	24.4	1006.5	35.9	1006.5	35.9	-3.4%	FS5_118
0.20	1.7125	1.96	0.1708	1.32	0.88	1013.2	12.5	1016.5	12.4	1006.4	20.4	1006.4	20.4	-0.3%	FS5_59
0.13	1.1834	2.17	0.1333	1.57	0.89	792.9	11.9	806.8	11.9	754.3	22.3	806.8	11.9	-1.7%	FS5_60
0.78	0.9917	5.21	0.1128	3.10	0.72	699.6	26.0	689.1	20.2	733.4	75.8	689.1	20.2	1.5%	FS5_33
0.50	0.8039	2.65	0.0991	2.15	0.86	599.0	11.9	608.9	12.5	561.7	29.0	608.9	12.5	-1.6%	FS5_80
0.16	0.7003	3.76	0.0888	2.73	0.82	539.0	15.6	548.5	14.3	498.7	47.4	548.5	14.3	-1.8%	FS5_91
0.33	0.6953	2.84	0.0874	1.63	0.79	536.0	11.8	540.3	8.5	517.3	40.0	540.3	8.5	-0.8%	FS5_43
0.30	0.7137	3.69	0.0825	2.33	0.79	547.0	15.5	511.1	11.5	699.4	49.1	511.1	11.5	6.8%	FS5_24
0.29	0.6486	2.46	0.0818	1.91	0.90	507.6	9.8	507.0	9.3	510.6	24.3	507.0	9.3	0.1%	FS5_52
0.42	0.6459	1.94	0.0817	1.69	0.93	506.0	7.7	506.0	8.2	505.8	15.9	506.0	8.2	0.0%	FS5_78
0.33	0.6459	2.88	0.0816	1.76	0.82	505.9	11.4	505.5	8.5	508.2	38.2	505.5	8.5	0.1%	FS5_21
0.30	0.6408	2.36	0.0815	1.57	0.89	502.8	9.3	505.2	7.6	492.4	26.1	505.2	7.6	-0.5%	FS5_20
0.26	0.6501	3.61	0.0811	2.72	0.91	508.6	14.3	503.0	13.1	534.0	34.3	503.0	13.1	1.1%	FS5_13
0.24	0.6088	2.26	0.0803	1.36	0.90	482.8	8.7	497.6	6.5	413.2	26.6	497.6	6.5	-3.0%	FS5_1
0.33	0.6170	2.44	0.0799	1.23	0.82	488.0	9.4	495.4	5.9	453.6	35.1	495.4	5.9	-1.5%	FS5_132
0.46	0.6395	2.81	0.0798	2.27	0.90	502.0	11.0	494.7	10.8	535.7	26.7	494.7	10.8	1.5%	FS5_53
0.52	0.6281	2.61	0.0797	1.86	0.79	494.9	10.2	494.5	8.9	496.8	35.4	494.5	8.9	0.1%	FS5_82
0.48	0.6255	2.94	0.0795	1.96	0.84	493.3	11.4	493.2	9.3	494.0	36.3	493.2	9.3	0.0%	FS5_16
0.29	0.6066	1.73	0.0793	0.91	0.72	481.4	6.6	492.1	4.3	431.4	27.5	492.1	4.3	-2.2%	FS5_68
0.33	0.6165	1.48	0.0792	1.17	0.90	487.6	5.7	491.2	5.5	471.3	14.7	491.2	5.5	-0.7%	FS5_84
0.71	0.6060	2.10	0.0790	1.66	0.86	481.0	8.0	489.9	7.8	439.3	23.6	489.9	7.8	-1.8%	FS5_83
0.27	0.6305	1.48	0.0790	1.12	0.87	496.4	5.8	489.9	5.3	526.9	16.1	489.9	5.3	1.3%	FS5_87
0.53	0.6115	2.32	0.0787	1.80	0.91	484.5	8.9	488.6	8.5	465.5	22.1	488.6	8.5	-0.8%	FS5_49
0.26	0.6093	3.20	0.0787	2.23	0.91	483.1	12.2	488.6	10.5	457.6	33.3	488.6	10.5	-1.1%	FS5_12
0.37	0.5952	2.30	0.0786	1.41	0.90	474.2	8.7	487.9	6.6	408.5	26.6	487.9	6.6	-2.8%	FS5_2
0.33	0.6185	2.17	0.0786	1.04	0.88	488.9	8.4	487.6	4.9	495.2	29.5	487.6	4.9	0.3%	FS5_133
0.47	0.5956	3.84	0.0785	2.83	0.84	474.4	14.5	487.0	13.3	414.3	47.0	487.0	13.3	-2.6%	FS5_130
0.35	0.6250	2.96	0.0784	1.91	0.83	492.9	11.5	486.8	9.0	521.7	37.8	486.8	9.0	1.3%	FS5_23
0.36	0.6151	2.14	0.0784	1.32	0.89	486.8	8.2	486.5	6.2	488.1	24.7	486.5	6.2	0.1%	FS5_41
0.76	0.6100	2.38	0.0784	1.53	0.90	483.6	9.1	486.4	7.2	470.4	26.6	486.4	7.2	-0.6%	FS5_4
0.83	0.6106	2.67	0.0783	1.42	0.91	483.9	10.2	486.1	6.7	473.8	32.7	486.1	6.7	-0.5%	FS5_9
0.05	0.6154	2.50	0.0782	1.88	0.91	486.9	9.6	485.4	8.8	494.1	24.5	485.4	8.8	0.3%	FS5_93
0.43	0.6171	1.64	0.0782	1.14	0.82	488.0	6.3	485.1	5.3	501.9	21.1	485.1	5.3	0.6%	FS5_86
0.57	0.6172	2.55	0.0781	1.50	0.77	488.1	9.8	484.9	7.0	503.3	36.8	484.9	7.0	0.7%	FS5_58
0.43	0.6093	2.31	0.0780	1.30	0.87	483.1	8.8	484.4	6.1	476.9	29.5	484.4	6.1	-0.3%	FS5_126
0.82	0.6032	2.24	0.0778	1.42	0.92	479.3	8.5	483.2	6.6	460.7	24.1	483.2	6.6	-0.8%	FS5_5
0.29	0.6156	3.44	0.0778	2.84	0.92	487.1	13.2	482.7	13.2	508.2	30.2	482.7	13.2	0.9%	FS5_17
0.80	0.6142	2.68	0.0777	1.94	0.89	486.2	10.3	482.2	9.0	505.3	28.1	482.2	9.0	0.8%	FS5_29
0.75	0.6213	2.76	0.0776	2.19	0.91	490.7	10.7	481.9	10.2	531.7	25.4	481.9	10.2	1.8%	FS5_94
0.35	0.6132	2.92	0.0772	1.56	0.88	485.6	11.2	479.6	7.2	513.9	37.4	479.6	7.2	1.2%	FS5_8
0.17	0.5974	2.22	0.0772	1.46	0.90	475.6	8.4	479.2	6.7	458.0	24.5	479.2	6.7	-0.8%	FS5_45
0.15	0.6092	2.60	0.0771	1.32	0.80	483.1	9.9	478.9	6.1	503.0	37.9	478.9	6.1	0.9%	FS5_135
0.51	0.6089	2.59	0.0771	1.61	0.79	482.8	9.9	478.9	7.4	501.9	36.0	478.9	7.4	0.8%	FS5_56
1.26	0.6032	3.36	0.0769	2.46	0.91	479.3	12.8	477.6	11.3	487.5	32.7	477.6	11.3	0.3%	FS5_14
0.29	0.6105	3.28	0.0769	2.46	0.87	483.9	12.5	477.6	11.3	514.0	35.7	477.6	11.3	1.3%	FS5_19
0.55	0.6038	3.90	0.0769	2.91	0.84	479.6	14.8	477.3	13.4	490.9	46.2	477.3	13.4	0.5%	FS5_131
0.43	0.5924	2.69	0.0768	2.03	0.89	472.4	10.1	477.2	9.3	449.0	27.9	477.2	9.3	-1.0%	FS5_95
0.53	0.5936	2.10	0.0768	1.48	0.80	473.2	7.9	476.8	6.8	455.5	28.2	476.8	6.8	-0.8%	FS5_85
0.33	0.6093	2.61	0.0767	1.71	0.85	483.1	10.0	476.5	7.8	514.4	31.8	476.5	7.8	1.4%	FS5_34
0.39	0.6381	3.22	0.0767	1.82	0.76	501.1	12.7	476.5	8.3	615.2	46.5	476.5	8.3	5.0%	FS5_36
0.33	0.5950	2.20	0.0767	1.36	0.88	474.0									

13080807, Jurassic Giron Formation (N=110), 5.9851°N 72.81019°W																
0.11	0.6232	2.90	0.0761	2.20	0.89	491.9	11.2	472.8	10.0	581.7	29.9	472.8	10.0	4.0%	FS5_119	
0.50	0.5933	1.48	0.0760	0.76	0.75	473.0	5.6	472.5	3.5	475.4	22.8	472.5	3.5	0.1%	FS5_69	
0.69	0.5863	2.59	0.0759	1.86	0.87	468.5	9.7	471.8	8.4	452.7	29.0	471.8	8.4	-0.7%	FS5_101	
0.59	0.6222	4.03	0.0758	2.88	0.80	491.3	15.6	471.3	13.1	585.6	51.7	471.3	13.1	4.2%	FS5_116	
0.66	0.5920	1.89	0.0758	1.13	0.73	472.1	7.1	471.1	5.1	477.5	28.8	471.1	5.1	0.2%	FS5_88	
0.32	0.6187	3.67	0.0757	2.88	0.88	489.0	14.1	470.6	13.1	576.3	37.8	470.6	13.1	3.8%	FS5_18	
0.05	0.5941	2.25	0.0757	1.29	0.88	473.5	8.5	470.6	5.8	487.7	27.7	470.6	5.8	0.6%	FS5_129	
0.52	0.6134	2.32	0.0757	1.50	0.88	485.7	8.9	470.5	6.8	558.4	26.6	470.5	6.8	3.2%	FS5_44	
0.41	0.5846	2.59	0.0757	1.97	0.82	467.4	9.6	470.4	8.9	453.0	32.3	470.4	8.9	-0.6%	FS5_81	
0.29	0.5974	2.56	0.0757	1.77	0.87	475.6	9.7	470.1	8.0	501.9	29.1	470.1	8.0	1.2%	FS5_114	
0.18	0.5897	1.59	0.0756	1.29	0.90	470.7	6.0	470.0	5.8	474.1	15.4	470.0	5.8	0.1%	FS5_90	
0.71	0.5854	2.32	0.0756	1.64	0.86	467.9	8.7	469.7	7.4	459.5	27.1	469.7	7.4	-0.4%	FS5_55	
0.31	0.6052	2.53	0.0755	1.44	0.81	480.5	9.6	469.4	6.5	533.6	34.9	469.4	6.5	2.3%	FS5_107	
0.72	0.6203	2.46	0.0755	1.21	0.81	490.0	9.5	469.1	5.5	589.1	35.1	469.1	5.5	4.4%	FS5_134	
0.17	0.6169	2.89	0.0753	1.46	0.88	487.9	11.1	468.3	6.6	581.3	37.6	468.3	6.6	4.1%	FS5_7	
0.88	0.5921	2.53	0.0753	2.03	0.91	472.2	9.5	468.0	9.2	492.8	23.6	468.0	9.2	0.9%	FS5_50	
0.42	0.5762	2.30	0.0753	1.50	0.75	462.0	8.5	468.0	6.8	432.8	33.9	468.0	6.8	-1.3%	FS5_76	
0.37	0.5934	2.25	0.0753	1.43	0.90	473.0	8.5	467.7	6.4	499.0	25.3	467.7	6.4	1.1%	FS5_27	
0.09	0.5811	2.57	0.0752	1.37	0.93	465.2	9.6	467.2	6.2	455.3	30.6	467.2	6.2	-0.4%	FS5_6	
0.23	0.5844	2.80	0.0752	1.97	0.85	467.3	10.4	467.1	8.9	468.2	33.9	467.1	8.9	0.0%	FS5_92	
0.20	0.5908	2.39	0.0751	1.70	0.90	471.4	9.0	467.1	7.7	492.5	24.4	467.1	7.7	0.9%	FS5_40	
0.80	0.6027	2.15	0.0750	1.25	0.87	479.0	8.2	466.4	5.6	539.7	26.5	466.4	5.6	2.7%	FS5_111	
0.36	0.5910	2.20	0.0750	1.44	0.84	471.5	8.2	466.2	6.5	497.5	27.4	466.2	6.5	1.1%	FS5_46	
0.49	0.5999	2.20	0.0750	1.17	0.68	477.2	8.4	466.2	5.3	530.7	35.6	466.2	5.3	2.3%	FS5_74	
0.30	0.5899	2.02	0.0750	1.15	0.72	470.8	7.6	466.0	5.2	494.2	31.4	466.0	5.2	1.0%	FS5_72	
0.15	0.5925	2.38	0.0749	1.86	0.91	472.5	8.9	465.5	8.3	506.4	22.7	465.5	8.3	1.5%	FS5_54	
0.36	0.5879	2.39	0.0749	1.53	0.87	469.5	8.9	465.4	6.9	489.9	28.6	465.4	6.9	0.9%	FS5_31	
0.45	0.5844	2.49	0.0748	1.71	0.87	467.3	9.3	465.0	7.7	478.5	28.5	465.0	7.7	0.5%	FS5_120	
0.81	0.6143	3.30	0.0748	2.26	0.81	486.2	12.7	464.9	10.1	588.0	42.6	464.9	10.1	4.5%	FS5_97	
0.46	0.5759	1.75	0.0748	1.38	0.89	461.8	6.5	464.9	6.2	446.5	18.3	464.9	6.2	-0.7%	FS5_65	
0.11	0.5867	2.60	0.0748	2.00	0.91	468.8	9.7	464.9	9.0	487.9	25.1	464.9	9.0	0.8%	FS5_105	
0.45	0.5899	3.17	0.0747	2.79	0.95	470.8	11.9	464.3	12.5	502.9	23.1	464.3	12.5	1.4%	FS5_51	
0.29	0.5774	2.07	0.0747	1.47	0.80	462.8	7.7	464.3	6.6	455.6	27.7	464.3	6.6	-0.3%	FS5_77	
0.26	0.5962	2.43	0.0746	1.63	0.89	474.8	9.2	464.1	7.3	527.2	26.7	464.1	7.3	2.3%	FS5_30	
0.43	0.6311	3.05	0.0746	2.10	0.85	496.8	11.9	463.7	9.4	652.5	35.8	463.7	9.4	6.9%	FS5_28	
0.34	0.6240	3.24	0.0744	2.09	0.73	492.4	12.6	462.8	9.3	632.5	47.5	462.8	9.3	6.2%	FS5_66	
0.48	0.5867	2.50	0.0744	1.48	0.84	468.8	9.3	462.7	6.6	498.8	32.2	462.7	6.6	1.3%	FS5_127	
0.38	0.5878	2.51	0.0743	1.81	0.88	469.4	9.4	462.3	8.1	504.5	27.2	462.3	8.1	1.5%	FS5_100	
0.35	0.6257	5.11	0.0743	4.33	0.88	493.4	19.8	462.3	19.3	640.8	52.0	462.3	19.3	6.5%	FS5_79	
0.23	0.5963	2.62	0.0743	1.86	0.89	474.9	9.9	461.8	8.3	538.7	27.6	461.8	8.3	2.8%	FS5_22	
0.36	0.5857	2.71	0.0742	2.04	0.89	468.1	10.1	461.5	9.1	500.8	28.2	461.5	9.1	1.4%	FS5_102	
0.48	0.5858	1.51	0.0742	0.86	0.77	468.2	5.6	461.3	3.8	502.3	21.9	461.3	3.8	1.5%	FS5_62	
0.31	0.5773	1.52	0.0742	1.01	0.82	462.7	5.7	461.2	4.5	470.7	19.7	461.2	4.5	0.3%	FS5_63	
0.53	0.5922	3.73	0.0740	2.94	0.93	472.3	14.0	460.4	13.0	530.4	32.4	460.4	13.0	2.5%	FS5_11	
0.50	0.5948	2.53	0.0739	1.85	0.90	474.0	9.5	459.5	8.2	544.3	25.4	459.5	8.2	3.1%	FS5_32	
0.53	0.5992	2.64	0.0739	1.92	0.88	476.8	10.0	459.5	8.5	560.8	28.8	459.5	8.5	3.7%	FS5_98	
0.35	0.5746	2.65	0.0739	1.48	0.78	461.0	9.8	459.4	6.5	469.1	38.3	459.4	6.5	0.4%	FS5_112	
0.27	0.5889	1.46	0.0738	0.82	0.78	470.1	5.5	458.9	3.6	525.7	21.1	458.9	3.6	2.4%	FS5_73	
0.27	0.5939	1.43	0.0738	1.01	0.85	473.3	5.4	458.9	4.5	544.3	17.2	458.9	4.5	3.1%	FS5_89	
0.49	0.5654	2.41	0.0737	1.34	0.82	455.0	8.8	458.7	5.9	436.7	33.5	458.7	5.9	-0.8%	FS5_110	
0.89	0.5731	2.31	0.0736	1.46	0.82	460.0	8.5	457.8	6.4	471.3	30.8	457.8	6.4	0.5%	FS5_57	
0.66	0.5669	2.92	0.0733	1.94	0.81	456.0	10.7	456.1	8.6	455.5	38.2	456.1	8.6	0.0%	FS5_103	
0.34	0.5829	2.71	0.0729	1.48	0.77	466.3	10.1	453.6	6.5	529.1	39.7	453.6	6.5	2.8%	FS5_109	
0.74	0.6004	2.54	0.0724	1.54	0.82	477.5	9.6	450.5	6.7	609.6	33.1	450.5	6.7	5.8%	FS5_115	
0.25	0.5602	2.37	0.0722	1.28	0.85	451.7	8.6	449.6	5.6	462.5	32.0	449.6	5.6	0.5%	FS5_121	
0.41	0.5611	3.62	0.0717	2.47	0.87	452.2	13.1	446.6	10.7	481.3	41.5	446.6	10.7	1.3%	FS5_15	
0.41	0.5616	2.35	0.0713	1.16	0.65	452.5	8.6	443.9	5.0	496.9	39.6	443.9	5.0	1.9%	FS5_70	
0.18	0.5514	2.43	0.0707	1.96	0.92	445.9	8.7	440.5	8.3	473.9	21.6	440.5	8.3	1.2%	FS5_48	
0.23	0.5628	2.46	0.0702	1.74	0.89	453.4	9.0	437.4	7.4	535.3	25.8	437.4	7.4	3.6%	FS5_39	
0.31	0.5268	3.19	0.0679	2.39	0.86	429.7	11.1	423.4	9.8	463.5	36.6	423.4	9.8	1.5%	FS5_99	
0.38	0.4873	2.95	0.0644	1.73	0.79	403.1	9.8	402.4	6.7	407.0	42.3	402.4	6.7	0.2%	FS5_122	

0.29	2.3720	1.97	0.2055	0.80	0.90	1234.2	13.9	1204.8	8.8	1285.9	24.9	1285.9	24.9	2.4%	13080807_47
0.33	2.6835	2.41	0.2332	1.64	0.89	1323.9	17.7	1351.3	19.9	1279.9	23.6	1279.9	23.6	-2.0%	13080807_11
0.19	2.4111	1.34	0.2098	0.86	0.72	1245.9	9.5	1227.7	9.6	1277.6	18.1	1277.6	18.1	1.5%	13080807_100
0.28	2.2771	1.09	0.2017	0.67	0.81	1205.2	7.7	1184.4	7.3	1242.9	13.1	1242.9	13.1	1.7%	13080807_85
0.21	2.3413	0.65	0.2078	0.48	0.82	1224.9	4.6	1217.0	5.3	1239.0	7.4	1239.0	7.4	0.6%	13080807_89
0.15	2.5128	0.87	0.2230	0.64	0.82	1275.7	6.3	1297.9	7.5	1238.7	9.9	1238.7	9.9	-1.7%	13080807_102
0.24	2.3486	0.87	0.2096	0.62	0.80	1227.1	6.2	1226.6	6.9	1228.2	10.3	1228.2	10.3	0.0%	13080807_101
0.22	2.2516	2.40	0.2038	1.71	0.86	1197.3	16.7	1195.4	18.7	1200.7	24.7	1200.7	24.7	0.2%	13080807_26
0.32	2.2585	1.01	0.2047	0.61	0.82	1199.5	7.1	1200.5	6.7	1197.7	12.1	1197.7	12.1	-0.1%	13080807_60
0.53	2.2502	1.03	0.2041	0.79	0.83	1196.9	7.2	1197.1	8.6	1196.5	11.2	1196.5	11.2	0.0%	13080807_106
0.29	2.3416	1.80	0.2126	0.64	1.01	1225.0	12.7	1242.8	7.2	1194.0	22.6	1194.0	22.6	-1.4%	13080807_51
0.43	2.2782	0.76	0.2071	0.57	0.84	1205.5	5.3	1213.4	6.3	1191.6	8.3	1191.6	8.3	-0.7%	13080807_98
0.41	1.8266	2.58	0.1661	1.67	0.71	1055.0	16.8	990.6	15.3	1191.1	35.4	1191.1	35.4	6.3%	13080807_2
0.20	2.1935	1.00	0.2002	0.65	0.72	1179.0	7.0	1176.5	7.0	1183.7	13.7	1183.7	13.7	0.2%	13080807_94
0.04	2.1663	2.05	0.1980	1.47	0.90	1170.3	14.1	1164.4	15.6	1181.2	18.8	1181.2	18.8	0.5%	13080807_21
0.20	2.1982	2.20	0.2010	0.78	1.01	1180.5	15.3	1180.5	8.4	1180.5	27.6	1180.5	27.6	0.0%	13080807_41
0.51	2.2719	1.71	0.2081	0.54	1.11	1203.6	12.0	1218.7	6.0	1176.7	21.3	1176.7	21.3	-1.2%	13080807_48
0.30	2.3306	2.13	0.2139	1.52	0.89	1221.7	15.1	1249.3	17.2	1173.2	20.6	1173.2	20.6	-2.2%	13080807_20
0.23	2.2948	0.95	0.2109	0.44	0.87	1210.7	6.7	1233.8	4.9	1169.8	12.0	1169.8	12.0	-1.9%	13080807_34
0.24	2.3847	1.36	0.2207	0.76	0.76	1238.0	9.7	1285.5	8.9	1156.5	18.1	1156.5	18.1	-3.8%	13080807_27
0.35	1.8828	1.40	0.1743	0.82	0.74	1075.0	9.2	1036.0	7.8	1155.2	19.0	1155.2	19.0	3.7%	13080807_81
0.26	2.2983	2.41	0.2129	1.63	0.89	1211.8	16.9	1244.3	18.5	1154.4	24.0	1154.4	24.0	-2.6%	13080807_9
0.33	2.1549	2.25	0.2003	0.81	0.99	1166.6	15.5	1176.7	8.7	1148.0	28.7	1148.0	28.7	-0.9%	13080807_40
0.18	1.8416	1.78	0.1741	0.60	1.03	1060.4	11.7	1034.6	5.8	1114.1	22.8	1114.1	22.8	2.5%	13080807_52
0.35	1.8069	1.20	0.1740	0.70	0.77	1048.0	7.8	1033.9	6.7	1077.5	16.1	1077.5	16.1	1.4%	13080807_59
0.19	1.9847	0.67	0.1920	0.49	0.81	1110.3	4.5	1132.3	5.1	1067.6	7.9	1067.6	7.9	-2.0%	13080807_92
0.22	1.9691	1.70	0.1908	1.20	0.76	1105.0	11.4	1126.0	12.3	1064.1	22.2	1064.1	22.2	-1.9%	13080807_107
0.34	1.8458	2.67	0.1793	1.77	0.85	1061.9	17.5	1062.9	17.4	1060.1	29.9	1060.1	29.9	-0.1%	13080807_6
0.25	1.9279	1.05	0.1877	0.75	0.82	1090.8	7.0	1108.7	7.6	1055.3	12.3	1055.3	12.3	-1.6%	13080807_118
0.22	1.9542	2.41	0.1910	1.64	0.89	1099.9	16.1	1126.8	16.9	1047.1	24.3	1047.1	24.3	-2.4%	13080807_14
0.21	1.8314	1.45	0.1794	0.68	0.86	1056.8	9.5	1063.8	6.6	1042.5	18.8	1042.5	18.8	-0.7%	13080807_71
0.20	1.8396	1.43	0.1804	0.71	0.87	1059.7	9.4	1069.0	7.0	1040.8	17.7	1040.8	17.7	-0.9%	13080807_72
0.26	1.7877	1.78	0.1761	0.78	0.82	1041.0	11.5	1045.8	7.6	1031.1	24.5	1031.1	24.5	-0.5%	13080807_64
0.39	1.7395	1.21	0.1717	0.75	0.79	1023.3	7.8	1021.6	7.1	1027.0	15.6	1027.0	15.6	0.2%	13080807_76
0.22	1.7872	2.53	0.1765	1.06	0.87	1040.8	16.4	1047.7	10.2	1026.4	34.0	1026.4	34.0	-0.7%	13080807_37
0.27	1.8167	1.08	0.1795	0.77	0.82	1051.5	7.0	1064.2	7.5	1025.2	12.6	1025.2	12.6	-1.2%	13080807_114
0.11	1.7915	2.06	0.1771	0.55	1.25	1042.4	13.4	1050.9	5.3	1024.6	26.4	1024.6	26.4	-0.8%	13080807_38
0.14	1.8380	1.14	0.1817	0.80	0.80	1059.2	7.5	1076.1	7.9	1024.5	14.0	1024.5	14.0	-1.6%	13080807_116
0.26	1.8473	2.40	0.1826	1.61	0.89	1062.5	15.7	1081.2	16.0	1024.3	24.6	1024.3	24.6	-1.7%	13080807_7
0.04	1.8359	0.86	0.1816	0.63	0.81	1058.4	5.6	1075.8	6.2	1022.7	10.3	1022.7	10.3	-1.6%	13080807_112
0.23	1.8427	2.43	0.1824	1.64	0.88	1060.8	15.8	1080.3	16.2	1021.1	25.0	1021.1	25.0	-1.8%	13080807_12
0.17	1.9174	2.60	0.1899	1.75	0.86	1087.2	17.2	1120.9	18.0	1020.2	28.3	1020.2	28.3	-3.1%	13080807_13
0.25	1.8543	0.95	0.1840	0.40	0.87	1065.0	6.2	1088.5	4.0	1017.1	12.7	1017.1	12.7	-2.2%	13080807_29
0.23	1.7584	1.28	0.1748	0.77	0.77	1030.2	8.2	1038.7	7.4	1012.5	17.1	1012.5	17.1	-0.8%	13080807_57
0.12	1.7098	1.31	0.1701	0.59	0.93	1012.2	8.3	1012.4	5.5	1011.8	15.9	1011.8	15.9	0.0%	13080807_75
0.18	1.7670	1.34	0.1759	0.62	0.91	1033.4	8.7	1044.5	6.0	1010.2	16.6	1010.2	16.6	-1.1%	13080807_73
0.29	1.6902	1.07	0.1684	0.69	0.83	1004.8	6.8	1003.1	6.4	1008.8	12.7	1008.8	12.7	0.2%	13080807_80
0.25	1.7874	1.44	0.1782	0.95	0.73	1040.9	9.3	1057.0	9.3	1007.3	19.9	1007.3	19.9	-1.5%	13080807_111
0.21	1.7921	1.03	0.1788	0.77	0.82	1042.6	6.7	1060.4	7.5	1005.6	12.0	1005.6	12.0	-1.7%	13080807_1
0.57	1.7779	2.07	0.1774	0.54	1.26	1037.4	13.4	1052.6	5.2	1005.6	26.8	1005.6	26.8	-1.5%	13080807_44
0.27	1.7325	0.93	0.1729	0.53	0.83	1020.7	6.0	1027.9	5.1	1005.4	11.5	1005.4	11.5	-0.7%	13080807_58
0.47	1.8022	1.54	0.1799	0.88	0.74	1046.3	10.0	1066.5	8.6	1004.4	21.4	1004.4	21.4	-1.9%	13080807_30
0.34	1.7813	0.92	0.1779	0.52	0.84	1038.7	6.0	1055.2	5.1	1004.1	11.4	1004.1	11.4	-1.6%	13080807_55
0.21	1.7889	0.95	0.1786	0.60	0.87	1041.4	6.1	1059.6	5.9	1003.6	10.5	1003.6	10.5	-1.7%	13080807_82
0.23	1.9295	1.19	0.1927	0.83	0.80	1091.4	7.9	1136.0	8.7	1003.5	14.7	1003.5	14.7	-4.0%	13080807_115
0.30	1.6980	1.33	0.1702	0.85	0.78	1007.8	8.5	1013.0	8.0	996.6	17.2	996.6	17.2	-0.5%	13080807_84
0.31	1.7363	0.89	0.1740	0.58	0.73	1022.1	5.7	1034.2	5.6	996.4	12.5	996.4	12.5	-1.2%	13080807_86
0.29	1.7051	1.18	0.1709	0.81	0.76	1010.4	7.5	1017.2	7.6	996.0	15.7	996.0	15.7	-0.7%	13080807_103
0.32	1.6892	2.09	0.1698	0.59	1.19	1004.5	13.2	1011.1	5.5	990.0	26.9	990.0	26.9	-0.7%	13080807_36
0.23	1.7610	1.04	0.1773	0.53	0.82	1031.2	6.7	1052.0	5.2	987.6	13.7	987.6	13.7	-2.0%	13080807_31
0.27	1.7007	1.50	0.1713	0.56	0.96	1008.8	9.5	1019.5	5.3	985.9	19.6	985.9	19.6	-1.1%	13080807_66
0.29	1.5974	1.43	0.1610	0.52	1.01	969.2	8.9	962.1	4.7	985.3	18.2	985.3	18.2	0.7%	13080807_65
0.23	1.6257	1.81	0.1638	0.63	1.01	980.2	11.3	978.1	5.7	985.0	23.7	985.0	23.7	0.2%	13080807_46
0.23	1.7016	2.19	0.1719	1.53	0.87	1009.1	13.9	1022.5	14.5	980.4	22.8	980.4	22.8	-1.3%	13080807_15
0.14	1.5813	0.94	0.1605	0.67	0.79	962.9	5.8	959.6	5.9	970.4	11.8	970.4	11.8	0.3%	13080807_110
0.17	1.6916	0.96	0.1717	0.66	0.77	1005.4	6.1	1021.7	6.2	970.2	12.6	970.2	12.6	-1.6%	13080807_105
0.29	1.7081	1.04	0.1734	0.74	0.79	1011.6	6.7	1030.9	7.0	970.2	13.1	970.2	1		

0.21	0.6322	1.53	0.0802	0.52	0.97	497.5	6.0	497.1	2.5	499.1	22.5	497.1	2.5	0.1%	13080807_67
0.24	0.6342	1.61	0.0793	0.68	0.89	498.7	6.3	492.1	3.2	529.0	22.9	492.1	3.2	1.3%	13080807_68
0.54	0.6179	1.19	0.0790	0.69	0.77	488.5	4.6	490.3	3.3	480.2	17.3	490.3	3.3	-0.4%	13080807_83
0.66	0.6178	1.05	0.0790	0.46	0.81	488.5	4.1	490.3	2.2	480.1	16.0	490.3	2.2	-0.4%	13080807_28
0.78	0.6173	2.23	0.0788	1.55	0.87	488.1	8.6	489.1	7.3	483.5	25.8	489.1	7.3	-0.2%	13080807_17
0.20	0.6158	0.93	0.0779	0.58	0.86	487.2	3.6	483.7	2.7	503.8	11.4	483.7	2.7	0.7%	13080807_79
0.40	0.5998	2.15	0.0775	1.52	0.88	477.1	8.2	480.9	7.0	458.9	23.7	480.9	7.0	-0.8%	13080807_19
0.36	0.5929	1.06	0.0772	0.58	0.78	472.7	4.0	479.6	2.7	439.7	15.7	479.6	2.7	-1.4%	13080807_53
0.30	0.6110	0.75	0.0770	0.56	0.84	484.2	2.9	478.5	2.6	511.5	9.0	478.5	2.6	1.2%	13080807_104
0.37	0.6048	1.62	0.0769	0.59	0.91	480.3	6.2	477.6	2.7	493.1	24.3	477.6	2.7	0.6%	13080807_70
0.30	0.6041	2.45	0.0765	1.65	0.83	479.8	9.3	475.4	7.6	501.0	30.9	475.4	7.6	0.9%	13080807_24
1.39	0.5833	1.08	0.0756	0.63	0.67	466.6	4.0	469.5	2.9	452.3	18.0	469.5	2.9	-0.6%	13080807_87
1.39	0.5833	1.08	0.0756	0.63	0.67	466.6	4.0	469.5	2.9	452.3	18.0	469.5	2.9	-2.3%	13080807_88
0.22	0.5811	2.38	0.0750	1.60	0.89	465.2	8.8	465.9	7.2	461.5	26.5	465.9	7.2	-0.2%	13080807_10
0.20	0.5730	0.67	0.0711	0.55	0.87	459.9	2.5	442.9	2.3	546.0	7.2	442.9	2.3	3.8%	13080807_90
0.20	0.4458	2.38	0.0594	1.61	0.89	374.4	7.4	371.8	5.8	390.4	26.6	371.8	5.8	0.7%	13080807_8

13080804, Jurassic Gíron Formation (N=58). 5.96126°N 72.79984°W

0.42	4.2354	0.94	0.2879	0.75	0.90	1680.9	7.7	1631.0	10.9	1743.9	7.5	1743.9	7.5	3.0%	13080804_12
0.47	4.1233	1.51	0.2811	1.18	0.89	1658.9	12.3	1596.8	16.6	1738.6	12.9	1738.6	12.9	3.8%	13080804_6
0.28	4.2171	1.15	0.2895	0.99	0.92	1677.4	9.4	1639.2	14.4	1725.5	8.2	1725.5	8.2	2.3%	13080804_16
0.30	3.2108	1.28	0.2453	0.97	0.91	1459.8	9.9	1414.4	12.3	1526.6	10.8	1526.6	10.8	3.2%	13080804_4
0.41	3.5038	1.99	0.2745	1.40	0.82	1528.1	15.6	1563.6	19.5	1479.3	21.8	1479.3	21.8	-2.3%	13080804_27
0.37	3.0567	1.84	0.2406	1.16	0.84	1421.9	14.0	1390.0	14.5	1470.1	20.2	1470.1	20.2	2.3%	13080804_31
0.20	3.0880	1.36	0.2466	1.01	0.89	1429.7	10.3	1421.0	12.9	1442.9	12.4	1442.9	12.4	0.6%	13080804_47
0.20	2.6009	1.36	0.2209	1.01	0.88	1300.9	9.9	1286.5	11.8	1324.9	12.8	1324.9	12.8	1.1%	13080804_41
0.23	2.1812	1.44	0.1947	1.06	0.87	1175.1	10.0	1146.6	11.2	1227.9	14.5	1227.9	14.5	2.5%	13080804_50
0.29	2.1053	1.57	0.1896	0.89	0.87	1150.6	10.8	1119.0	9.1	1210.7	17.9	1210.7	17.9	2.8%	13080804_39
0.21	2.2140	1.19	0.2006	0.68	0.85	1185.5	8.3	1178.4	7.3	1198.6	13.8	1198.6	13.8	0.6%	13080804_62
0.16	2.2484	1.30	0.2041	0.99	0.90	1196.3	9.1	1197.5	10.8	1194.2	11.5	1194.2	11.5	-0.1%	13080804_44
0.18	2.0011	1.11	0.1882	0.55	0.86	1115.9	7.5	1111.8	5.6	1124.1	13.7	1124.1	13.7	0.4%	13080804_66
0.10	1.9186	1.31	0.1808	0.96	0.89	1087.6	8.7	1071.1	9.5	1120.9	12.5	1120.9	12.5	1.5%	13080804_3
0.34	1.8845	1.55	0.1787	1.16	0.89	1075.7	10.3	1060.0	11.3	1107.6	15.0	1107.6	15.0	1.5%	13080804_53
0.38	1.7580	1.77	0.1669	0.98	0.74	1030.1	11.4	995.1	9.0	1105.4	24.4	1105.4	24.4	3.5%	13080804_63
0.28	2.0136	1.55	0.1921	1.12	0.85	1120.1	10.4	1132.7	11.6	1095.9	16.7	1095.9	16.7	-1.1%	13080804_42
0.29	1.7640	1.49	0.1686	0.78	0.77	1032.3	9.6	1004.3	7.3	1092.2	20.3	1092.2	20.3	2.8%	13080804_68
0.19	1.7721	1.51	0.1715	1.06	0.87	1035.3	9.8	1020.6	10.0	1066.5	15.9	1066.5	15.9	1.4%	13080804_24
0.28	1.7356	1.60	0.1680	1.19	0.88	1021.8	10.2	1001.3	11.0	1066.3	15.7	1066.3	15.7	2.0%	13080804_55
0.31	1.6575	1.36	0.1606	0.91	0.88	992.4	8.6	960.3	8.1	1064.3	14.3	1064.3	14.3	3.3%	13080804_30
0.32	1.7313	1.50	0.1692	1.13	0.87	1020.2	9.6	1007.7	10.5	1047.3	15.1	1047.3	15.1	1.2%	13080804_48
0.28	1.6023	1.49	0.1568	1.04	0.84	971.1	9.3	939.2	9.1	1044.1	16.8	1044.1	16.8	3.3%	13080804_5
0.27	1.6273	1.04	0.1598	0.76	0.84	980.8	6.5	955.9	6.7	1037.0	11.7	1037.0	11.7	2.6%	13080804_11
0.25	1.6584	1.76	0.1630	1.18	0.75	992.8	11.1	973.6	10.6	1035.5	23.4	1035.5	23.4	2.0%	13080804_20
0.22	1.7125	1.51	0.1684	1.11	0.86	1013.2	9.6	1003.4	10.3	1034.6	16.1	1034.6	16.1	1.0%	13080804_46
0.15	1.6276	1.11	0.1607	0.83	0.84	980.9	7.0	960.9	7.4	1026.1	12.3	1026.1	12.3	2.1%	13080804_18
0.19	1.6975	1.51	0.1677	0.94	0.73	1007.6	9.6	999.4	8.7	1025.7	20.9	1025.7	20.9	0.8%	13080804_19
0.19	1.6009	1.45	0.1590	0.98	0.86	970.6	9.0	951.4	8.6	1014.4	15.8	1014.4	15.8	2.0%	13080804_26
0.16	1.6746	1.57	0.1666	1.01	0.83	998.9	9.9	993.3	9.3	1011.5	18.7	1011.5	18.7	0.6%	13080804_23
0.25	1.6704	1.94	0.1662	1.16	0.76	997.3	12.2	991.1	10.7	1011.1	26.1	1011.1	26.1	0.6%	13080804_28
0.26	1.6511	1.54	0.1643	0.85	0.87	990.0	9.7	980.8	7.7	1010.6	18.2	1010.6	18.2	0.9%	13080804_38
0.07	1.5671	1.65	0.1563	1.33	0.92	957.3	10.2	936.1	11.6	1006.4	13.9	1006.4	13.9	2.2%	13080804_56
0.23	1.6218	1.67	0.1622	1.13	0.80	978.7	10.5	968.9	10.1	1000.9	20.5	1000.9	20.5	1.0%	13080804_1
0.22	1.6785	1.37	0.1680	0.91	0.87	1000.4	8.7	1001.2	8.4	998.9	14.6	998.9	14.6	-0.1%	13080804_21
0.33	1.6536	1.72	0.1657	1.07	0.79	990.9	10.8	988.5	9.8	996.4	22.0	996.4	22.0	0.2%	13080804_22
0.13	1.6407	1.82	0.1647	1.04	0.82	986.0	11.4	982.9	9.5	992.8	22.9	992.8	22.9	0.3%	13080804_33
0.25	1.5489	1.69	0.1571	0.97	0.84	950.1	10.4	940.8	8.5	971.8	20.6	971.8	20.6	1.0%	13080804_32
0.22	1.5994	1.26	0.1624	0.65	0.81	970.0	7.9	970.1	5.9	969.8	16.7	969.8	16.7	0.0%	13080804_70
0.42	1.5671	1.66	0.1616	0.94	0.85	957.3	10.2	965.6	8.5	938.4	20.2	938.4	20.2	-0.9%	13080804_36
0.16	1.5212	1.46	0.1494	1.04	0.87	938.9	8.9	897.6	8.7	1037.5	15.4	897.6	8.7	4.5%	13080804_69
0.35	1.4440	2.71	0.1485	1.91	0.76	907.4	16.1	892.3	15.9	944.2	35.5	892.3	15.9	1.7%	13080804_14
0.58	1.1455	1.75	0.1259	0.96	0.82	775.1	9.5	764.4	6.9	806.2	23.2	764.4	6.9	1.4%	13080804_34
0.30	0.6004	1.22	0.0770	0.59	0.82	477.5	4.6	478.1	2.7	474.7	17.7	478.1	2.7	-0.1%	13080804_67
0.37	0.6309	1.01	0.0770	0.78	0.87	496.6	4.0	478.0	3.6	583.6	10.9	478.0	3.6	3.8%	13080804_15
0.42	0.6098	1.58	0.0758	0.96	0.81	483.4	6.1	471.1	4.4	542.4	21.4	471.1	4.4	2.6%	13080804_25
0.22	0.5729	1.72	0.0753	0.99	0.84	459.9	6.3	468.1	4.5	419.3	23.1	468.1	4.5	-1.8%	13080804_37
0.61	0.5807	1.43	0.0753	0.88	0.83	464.9	5.3	468.0	4.0	449.7	18.8	468.0	4.0	-0.7%	13080804_29
0.33	0.5855	1.51	0.0752	1.04	0.83	468.0	5.6	467.2	4.7	471.9	19.1	467.2	4.7	0.2%	1308

0.38	3.7955	1.67	0.2700	1.23	0.91	1591.8	13.3	1540.8	16.9	1660.4	4.4	1660.4	4.4	3.3%	13080803_98
0.31	3.6681	2.46	0.2615	1.81	0.91	1564.4	19.4	1497.4	24.1	1654.9	7.0	1654.9	7.0	4.4%	13080803_10
0.46	3.5794	2.01	0.2689	1.54	0.88	1545.0	15.8	1535.1	21.0	1559.3	13.0	1559.3	13.0	0.6%	13080803_69
0.24	3.2519	3.41	0.2447	1.83	0.92	1469.6	26.2	1410.9	23.1	1548.7	7.2	1548.7	7.2	4.1%	13080803_21
0.55	3.5537	1.88	0.2680	1.72	0.96	1539.3	14.8	1530.8	23.4	1540.3	4.2	1540.3	4.2	0.6%	13080803_33
0.28	3.1293	1.89	0.2469	1.36	0.90	1439.9	14.4	1422.6	17.3	1457.7	8.4	1457.7	8.4	1.2%	13080803_36
0.33	3.0121	1.80	0.2394	1.44	0.92	1410.7	13.6	1383.7	17.9	1452.5	5.3	1452.5	5.3	1.9%	13080803_70
0.41	3.1167	1.74	0.2482	1.37	0.93	1436.8	13.3	1429.4	17.6	1448.6	3.9	1448.6	3.9	0.5%	13080803_75
0.34	2.8581	1.93	0.2270	1.31	0.87	1371.0	14.4	1318.6	15.6	1445.4	12.5	1445.4	12.5	3.9%	13080803_37
0.23	2.3563	1.47	0.2018	1.03	0.88	1229.5	10.5	1184.7	11.2	1312.1	8.7	1312.1	8.7	3.7%	13080803_93
0.48	2.7344	2.81	0.2343	1.92	0.85	1337.9	20.7	1356.9	23.4	1306.1	22.1	1306.1	22.1	-1.4%	13080803_7
0.19	2.5553	1.71	0.2211	1.09	0.87	1288.0	12.4	1287.6	12.7	1288.1	10.0	1288.1	10.0	0.0%	13080803_46
0.19	2.3571	1.98	0.2059	1.75	0.94	1229.7	14.0	1206.9	19.3	1258.8	9.9	1258.8	9.9	1.9%	13080803_34
0.25	2.4119	2.36	0.2140	1.66	0.91	1246.1	16.8	1250.3	18.9	1237.5	7.5	1237.5	7.5	-0.3%	13080803_6
0.19	2.2752	1.44	0.2019	1.17	0.91	1204.6	10.1	1185.3	12.7	1233.7	7.8	1233.7	7.8	1.6%	13080803_85
0.27	2.2079	3.44	0.1962	1.85	0.91	1183.6	23.8	1155.0	19.5	1229.0	9.7	1229.0	9.7	2.4%	13080803_24
0.20	2.2196	1.95	0.1975	1.73	0.94	1187.2	13.5	1162.1	18.4	1222.2	9.3	1222.2	9.3	2.1%	13080803_27
0.18	2.4588	1.64	0.2201	1.04	0.89	1260.0	11.8	1282.4	12.1	1221.5	7.6	1221.5	7.6	-1.8%	13080803_47
0.44	2.2815	1.92	0.2047	1.47	0.89	1206.6	13.4	1200.3	16.1	1218.8	11.5	1218.8	11.5	0.5%	13080803_67
0.07	2.3690	1.97	0.2113	1.80	0.96	1233.3	14.0	1235.9	20.2	1217.7	6.9	1217.7	6.9	-0.2%	13080803_31
0.45	2.1457	1.54	0.1933	1.25	0.90	1163.7	10.6	1139.1	13.0	1203.7	10.1	1203.7	10.1	2.1%	13080803_81
0.16	2.1954	1.40	0.2002	1.14	0.91	1179.6	9.7	1176.7	12.3	1179.0	7.4	1179.0	7.4	0.2%	13080803_80
0.21	1.9918	1.80	0.1827	1.27	0.88	1112.7	12.1	1081.6	12.7	1174.4	11.4	1174.4	11.4	2.8%	13080803_100
0.41	2.1382	2.00	0.1955	1.38	0.87	1161.2	13.7	1151.1	14.5	1171.9	13.8	1171.9	13.8	0.9%	13080803_41
0.30	1.9395	2.03	0.1772	1.14	0.87	1094.8	13.5	1051.9	11.0	1168.4	14.1	1168.4	14.1	4.0%	13080803_3
0.27	2.0836	3.69	0.1920	2.10	0.91	1143.4	25.0	1132.0	21.8	1160.8	12.6	1160.8	12.6	1.0%	13080803_14
0.42	1.7515	3.49	0.1641	1.93	0.91	1027.7	22.3	979.3	17.5	1125.0	10.5	1125.0	10.5	4.8%	13080803_23
0.19	1.9259	1.59	0.1838	0.94	0.88	1090.1	10.6	1087.8	9.4	1094.3	8.7	1094.3	8.7	0.2%	13080803_50
0.35	1.6986	2.15	0.1630	1.47	0.85	1008.0	13.6	973.5	13.3	1075.3	17.6	1075.3	17.6	3.5%	13080803_43
0.18	1.6781	1.98	0.1623	1.48	0.88	1000.2	12.5	969.5	13.4	1069.1	14.5	1069.1	14.5	3.1%	13080803_74
0.20	1.7335	1.94	0.1694	1.74	0.95	1021.0	12.4	1009.0	16.3	1035.5	8.6	1035.5	8.6	1.2%	13080803_35
0.03	1.7221	1.50	0.1696	1.06	0.88	1016.8	9.6	1010.1	9.9	1034.7	9.4	1034.7	9.4	0.7%	13080803_90
0.26	1.7622	2.01	0.1726	1.37	0.86	1031.7	12.9	1026.4	13.0	1034.3	14.8	1034.3	14.8	0.5%	13080803_39
0.11	1.7667	1.85	0.1740	1.47	0.91	1033.3	11.9	1033.9	14.0	1033.0	8.2	1033.0	8.2	-0.1%	13080803_72
0.36	1.7081	1.89	0.1675	1.28	0.88	1011.6	12.0	998.3	11.8	1031.8	11.9	1031.8	11.9	1.3%	13080803_38
0.31	1.7200	1.57	0.1690	1.24	0.88	1016.0	10.0	1006.7	11.5	1030.1	12.3	1030.1	12.3	0.9%	13080803_82
0.24	1.6778	1.57	0.1654	0.90	0.88	1000.2	9.9	986.8	8.2	1028.9	8.8	1028.9	8.8	1.3%	13080803_53
0.28	1.6705	3.69	0.1643	2.01	0.88	997.4	23.2	980.7	18.3	1027.1	22.1	1027.1	22.1	1.7%	13080803_17
0.30	1.6681	1.91	0.1639	1.71	0.95	996.5	12.0	978.5	15.5	1024.9	8.2	1024.9	8.2	1.8%	13080803_28
0.22	1.7773	1.86	0.1764	1.36	0.86	1037.2	12.0	1047.5	13.1	1017.5	14.7	1017.5	14.7	-1.0%	13080803_56
0.22	1.7303	1.61	0.1716	0.95	0.88	1019.9	10.3	1021.1	9.0	1016.7	9.6	1016.7	9.6	-0.1%	13080803_48
0.25	1.5472	3.66	0.1530	1.99	0.88	949.4	22.4	917.5	17.0	1016.7	21.3	1016.7	21.3	3.4%	13080803_18
0.19	1.6544	3.66	0.1639	2.08	0.91	991.2	22.9	978.4	18.9	1015.3	10.9	1015.3	10.9	1.3%	13080803_12
0.76	1.6663	1.77	0.1659	1.34	0.89	995.8	11.2	989.5	12.3	1011.5	11.1	1011.5	11.1	0.6%	13080803_61
0.19	1.6809	1.81	0.1666	1.27	0.90	1001.3	11.5	993.4	11.7	1010.2	7.5	1010.2	7.5	0.8%	13080803_40
0.27	1.6501	1.72	0.1645	1.32	0.90	989.6	10.8	981.7	12.0	1009.1	8.9	1009.1	8.9	0.8%	13080803_57
0.32	1.6103	1.57	0.1607	1.08	0.86	974.2	9.8	960.6	9.6	1008.4	12.4	1008.4	12.4	1.4%	13080803_91
0.30	1.6363	3.45	0.1626	1.81	0.91	984.3	21.5	971.2	16.3	1006.4	12.3	1006.4	12.3	1.3%	13080803_20
0.25	1.7325	1.49	0.1726	1.18	0.89	1020.7	9.5	1026.4	11.2	1002.4	10.6	1002.4	10.6	-0.6%	13080803_76
0.23	1.6821	1.74	0.1686	1.34	0.90	1001.8	11.0	1004.3	12.5	998.2	9.5	998.2	9.5	-0.2%	13080803_65
0.08	1.7296	2.38	0.1731	1.62	0.89	1019.6	15.2	1029.2	15.4	997.6	12.0	997.6	12.0	-0.9%	13080803_9
0.31	1.5875	1.44	0.1588	1.16	0.90	965.3	9.0	950.3	10.3	993.5	9.1	993.5	9.1	1.6%	13080803_83
0.43	1.5905	1.57	0.1601	1.00	0.83	966.5	9.8	957.1	8.9	991.4	14.5	991.4	14.5	1.0%	13080803_94
0.20	1.7253	1.46	0.1738	1.05	0.89	1018.0	9.4	1032.9	10.0	989.7	7.8	989.7	7.8	-1.4%	13080803_88
0.14	1.6492	1.78	0.1662	1.34	0.88	989.2	11.2	991.2	12.3	986.7	11.9	986.7	11.9	-0.2%	13080803_59
0.17	1.6151	1.88	0.1621	1.00	0.89	976.1	11.7	968.3	9.0	980.4	10.7	980.4	10.7	0.8%	13080803_4
0.15	1.6168	3.53	0.1629	1.87	0.90	976.7	21.9	972.9	16.9	978.0	16.9	978.0	16.9	0.4%	13080803_19
0.36	1.6299	3.65	0.1645	2.05	0.91	981.8	22.7	981.8	18.7	977.3	11.5	977.3	11.5	0.0%	13080803_11
0.28	1.7123	2.04	0.1724	1.82	0.94	1013.1	13.0	1025.5	17.2	974.9	10.5	974.9	10.5	-1.2%	13080803_29
0.29	1.6185	1.98	0.1632	1.07	0.87	977.4	12.3	974.6	9.7	970.4	13.9	970.4	13.9	0.3%	13080803_2
0.28	1.5140	1.86	0.1542	1.11	0.83	936.1	11.3	924.7	9.6	962.3	16.5	962.3	16.5	1.2%	13080803_55
0.30	1.4939	2.80	0.1577	1.70	0.76	927.9	16.9	944.2	14.9	880.8	34.6	944.2	34.6	-1.7%	13080803_45
0.51	1.5287	1.50	0.1567	1.24	0.91	942.0	9.2	938.6	10.8	943.7	8.8	943.7	8.8	0.4%	13080803_79
0.37	1.5164	1.92	0.1567	1.48	0.85	937.0	11.7	938.2	12.9	928.0	18.6	928.0	18.6	-0.1%	13080803_77
0.26	1.3234	2.57	0.1432	1.97	0.85	856.0	14.7	862.7	15.9	840.6	24.9	862.7	15.9	-0.8%	13080803_62
0.47	0.8179	1.58	0.0976	0.93	0.88	606.9	7.2	600.5	5.3	630.5	9.0	600.5	5.3	1.1%	13080803_52
0.54	0.6355	2.38	0.0813	1.66	0.90	499.5	9.3	503.7	8.0	478.5	11.1	503.7	8.0	-0.8%	13080803_8
0.34	0.6486</														

0.43	1.8190	1.47	0.1731	1.10	0.91	1052.3	9.6	1028.9	10.4	1101.3	13.0	1101.3	13.0	2.2%	SJ4A_22
0.30	1.7520	1.27	0.1671	0.78	0.79	1027.9	8.2	996.1	7.2	1096.3	16.2	1096.3	16.2	3.1%	SJ4A_60
0.19	1.6552	1.51	0.1595	0.61	0.90	991.6	9.5	954.2	5.4	1075.3	19.8	1075.3	19.8	3.8%	SJ4A_68
0.46	1.8477	2.27	0.1789	1.20	0.90	1062.6	14.9	1060.8	11.8	1066.4	25.7	1066.4	25.7	0.2%	SJ4A_34
0.22	1.7332	1.64	0.1692	1.19	0.87	1021.0	10.5	1007.8	11.1	1049.4	16.7	1049.4	16.7	1.3%	SJ4A_29
0.16	1.6908	1.87	0.1658	0.70	1.00	1005.1	11.9	988.8	6.4	1040.8	23.5	1040.8	23.5	1.6%	SJ4A_10
0.60	1.6824	1.80	0.1654	0.62	1.07	1001.9	11.4	986.8	5.7	1035.3	22.4	1035.3	22.4	1.5%	SJ4A_7
0.24	1.7607	2.14	0.1733	1.20	0.90	1031.1	13.8	1030.4	11.5	1032.7	23.8	1032.7	23.8	0.1%	SJ4A_75
0.40	1.6340	2.22	0.1610	1.34	0.88	983.4	13.9	962.1	12.0	1031.3	24.4	1031.3	24.4	2.2%	SJ4A_2
0.25	1.7199	1.54	0.1698	0.64	0.93	1016.0	9.8	1010.8	6.0	1027.2	19.4	1027.2	19.4	0.5%	SJ4A_54
0.32	1.7006	1.57	0.1682	1.15	0.89	1008.8	10.0	1002.4	10.7	1022.8	15.4	1022.8	15.4	0.6%	SJ4A_25
0.33	1.6075	1.96	0.1591	1.27	0.80	973.1	12.2	951.8	11.2	1021.7	24.5	1021.7	24.5	2.2%	SJ4A_108
0.40	1.6532	1.57	0.1639	0.68	0.92	990.8	9.9	978.7	6.2	1017.7	19.7	1017.7	19.7	1.2%	SJ4A_48
0.19	1.8112	1.78	0.1798	1.22	0.87	1049.5	11.6	1066.0	12.0	1015.5	18.8	1015.5	18.8	-1.6%	SJ4A_98
0.16	1.6592	1.50	0.1653	0.61	0.96	993.1	9.4	986.0	5.6	1008.9	18.7	1008.9	18.7	0.7%	SJ4A_50
0.21	1.7563	1.56	0.1750	1.00	0.85	1029.5	10.0	1039.8	9.6	1007.6	17.9	1007.6	17.9	-1.0%	SJ4A_117
0.29	1.6361	1.40	0.1631	0.74	0.90	984.2	8.8	974.2	6.7	1006.8	16.3	1006.8	16.3	1.0%	SJ4A_77
0.16	1.6399	1.09	0.1641	0.68	0.83	985.7	6.8	979.5	6.2	999.5	13.1	999.5	13.1	0.6%	SJ4A_57
0.37	1.5339	2.65	0.1543	1.45	0.84	944.0	16.2	925.0	12.5	988.9	33.1	988.9	33.1	2.0%	SJ4A_31
0.10	1.6183	2.30	0.1628	1.23	0.90	977.3	14.4	972.5	11.1	988.2	26.7	988.2	26.7	0.5%	SJ4A_36
0.29	1.5900	2.05	0.1601	1.14	0.83	966.3	12.7	957.5	10.2	986.4	25.5	986.4	25.5	0.9%	SJ4A_43
0.27	1.6689	1.75	0.1681	1.51	0.92	996.8	11.1	1001.6	14.0	986.1	14.2	986.1	14.2	-0.5%	SJ4A_87
0.30	1.6308	1.54	0.1657	0.86	0.86	982.2	9.7	988.2	7.9	968.9	18.5	968.9	18.5	-0.6%	SJ4A_79
0.19	1.5010	1.85	0.1535	0.82	0.82	930.8	11.2	920.7	7.0	954.9	25.8	954.9	25.8	1.1%	SJ4A_49
0.26	1.5389	1.82	0.1589	0.99	0.88	946.1	11.1	950.6	8.8	935.5	21.6	935.5	21.6	-0.5%	SJ4A_42
0.56	1.4464	1.72	0.1513	0.80	0.83	908.4	10.3	908.3	6.8	908.7	23.5	908.7	23.5	0.0%	SJ4A_65
0.23	1.6026	1.72	0.1680	1.16	0.84	971.2	10.7	1001.3	10.7	903.8	20.0	903.8	20.0	-3.1%	SJ4A_113
0.28	0.9451	1.55	0.1107	0.75	0.88	675.6	7.6	676.6	4.8	672.4	20.4	676.6	4.8	-0.1%	SJ4A_66
0.31	0.8862	1.78	0.1043	1.27	0.86	644.3	8.5	639.8	7.7	660.2	20.2	639.8	7.7	0.7%	SJ4A_106
0.23	0.7972	1.73	0.0971	1.21	0.89	595.3	7.8	597.7	6.9	586.3	18.2	597.7	6.9	-0.4%	SJ4A_96
0.34	0.6342	1.95	0.0803	0.89	0.89	498.7	7.7	497.8	4.2	502.7	26.8	497.8	4.2	0.2%	SJ4A_104
0.32	0.6237	1.48	0.0793	0.62	0.91	492.2	5.8	492.0	2.9	493.5	20.8	492.0	2.9	0.0%	SJ4A_70
0.20	0.6247	2.71	0.0785	1.70	0.86	492.8	10.5	487.4	8.0	517.9	33.0	487.4	8.0	1.1%	SJ4A_37
0.15	0.6080	2.26	0.0768	1.20	0.86	482.3	8.6	477.0	5.5	507.4	29.7	477.0	5.5	1.1%	SJ4A_73
0.26	0.6089	1.76	0.0765	1.20	0.88	482.8	6.7	475.2	5.5	519.5	19.9	475.2	5.5	1.6%	SJ4A_99
0.19	0.5913	1.49	0.0760	1.08	0.89	471.7	5.6	472.4	4.9	468.0	15.7	472.4	4.9	-0.2%	SJ4A_21
0.28	0.5801	1.59	0.0748	0.66	0.91	464.5	5.9	465.3	3.0	460.8	22.5	465.3	3.0	-0.2%	SJ4A_47
0.22	0.5887	1.84	0.0747	0.79	0.94	470.1	6.9	464.5	3.5	497.4	24.6	464.5	3.5	1.2%	SJ4A_103
0.08	0.5666	0.93	0.0740	0.55	0.85	455.8	3.4	459.9	2.4	435.3	12.2	459.9	2.4	-0.9%	SJ4A_59
0.19	0.5852	1.81	0.0728	0.79	0.83	467.8	6.8	452.7	3.5	542.7	26.6	452.7	3.5	3.3%	SJ4A_51
0.61	0.6063	1.77	0.0724	1.19	0.87	481.2	6.7	450.5	5.2	630.7	20.0	450.5	5.2	6.6%	SJ4A_94
0.45	0.5756	1.66	0.0712	0.87	0.91	461.6	6.1	443.5	3.7	552.9	20.5	443.5	3.7	4.0%	SJ4A_19
0.41	0.5556	2.25	0.0709	1.19	0.91	448.7	8.1	441.5	5.1	485.6	27.9	441.5	5.1	1.6%	SJ4A_32
0.37	0.5380	1.73	0.0686	0.95	0.90	437.1	6.1	427.9	3.9	485.9	21.2	427.9	3.9	2.1%	SJ4A_41
0.15	0.5151	2.14	0.0645	1.18	0.89	421.9	7.4	402.8	4.6	527.5	26.4	402.8	4.6	4.6%	SJ4A_71
0.42	0.1778	2.27	0.0244	1.21	0.79	166.1	3.5	155.1	1.9	326.2	33.9	155.1	1.9	6.9%	SJ4A_39

MA13, Lower Cretaceous Macanal Formation (N=84). 4.95857°N 73.28634°W															
0.64	6.1239	2.18	0.3374	1.57	0.90	1993.7	18.8	1874.0	25.4	2120.2	18.0	2120.2	18.0	6.2%	MA13_7
0.27	6.0986	2.32	0.3489	1.39	0.90	1990.0	20.1	1929.5	23.2	2053.6	21.4	2053.6	21.4	3.1%	MA13_54
0.31	5.6230	2.08	0.3436	0.86	0.97	1919.6	17.8	1904.1	14.1	1936.6	22.4	1936.6	22.4	0.8%	MA13_24
0.19	5.7610	2.07	0.3560	1.43	0.90	1940.6	17.7	1963.4	24.2	1916.4	17.7	1916.4	17.7	-1.2%	MA13_94
0.57	3.7878	2.11	0.2566	0.83	0.97	1590.2	16.8	1472.6	10.9	1749.8	23.9	1749.8	23.9	7.7%	MA13_30
0.46	4.6227	2.27	0.3135	1.56	0.87	1753.4	18.8	1758.0	23.9	1747.8	21.6	1747.8	21.6	-0.3%	MA13_98
0.45	3.9889	2.13	0.2834	0.84	0.96	1631.9	17.1	1608.7	12.0	1662.1	24.6	1662.1	24.6	1.4%	MA13_28
0.32	4.0152	3.11	0.2899	1.39	0.95	1637.3	24.9	1641.1	20.1	1632.5	33.7	1632.5	33.7	-0.2%	MA13_83
0.37	3.7197	1.44	0.2720	1.10	0.87	1575.6	11.5	1551.1	15.1	1608.7	13.6	1608.7	13.6	1.6%	MA13_16
0.43	3.1729	1.68	0.2328	1.28	0.85	1450.6	12.9	1349.1	15.5	1602.8	16.5	1602.8	16.5	7.3%	MA13_35A
0.22	3.6817	1.35	0.2731	1.02	0.88	1567.4	10.7	1556.4	14.1	1582.4	12.4	1582.4	12.4	0.7%	MA13_32
0.27	3.4275	1.07	0.2566	0.71	0.88	1510.7	8.3	1472.3	9.3	1565.2	10.4	1565.2	10.4	2.6%	MA13_14
0.23	3.3514	2.12	0.2548	0.99	0.94	1493.1	16.4	1463.2	12.9	1536.0	23.1	1536.0	23.1	2.0%	MA13_22
0.42	3.6372	2.52	0.2771	1.73	0.90	1557.7	19.9	1576.8	24.2	1532.0	22.9	1532.0	22.9	-1.2%	MA13_45
0.50	3.3306	1.99	0.2539	1.33	0.90	1488.2	15.4	1458.4	17.4	1531.1	18.4	1531.1	18.4	2.0%	MA13_62
0.64	3.2805	3.18	0.2520	1.78	0.90	1476.4	24.5	1448.9	23.0	1516.3	32.8	1516.3	32.8	1.9%	MA13_74
0.47	3.0036	2.03	0.2352	1.41	0.90	1408.5	15.4	1361.6	17.3	1480.2	18.3	1480.2	18.3	3.4%	MA13_68
0.27	3.2344	1.83	0.2539	1.00	0.89	1465.5	14.1	1458.7	13.0	1475.4	19.9	1475.4	19.9	0.5%	MA13_8
0.35	3.1739	2.61	0.2498	1.76	0.88	1450.8	19.9	1437.3	22.6	1470.7	25.2	1470.7	25.2	0.9%	MA13_47
0.17	3.0324	2.12	0.2429	0.97	0.94	1415.8	16.1	1401.5	12.2	1437.5	23.8	1437.5	23.8	1.0%	MA13_29
0.98	2.6194	2.41	0.2133	1.44	0.89	1306.1	17.6	1246.3	16.3	1405					

0.32	2.0346	1.54	0.1853	1.05	0.81	1127.2	10.4	1095.9	10.6	1187.9	18.1	1187.9	18.1	2.8%	MA13_39
0.19	1.9641	3.20	0.1810	1.81	0.90	1103.3	21.3	1072.2	17.8	1165.2	34.4	1165.2	34.4	2.9%	MA13_78
0.15	2.2167	2.03	0.2045	1.40	0.90	1186.3	14.1	1199.7	15.3	1162.0	19.3	1162.0	19.3	-1.1%	MA13_69
0.31	1.7722	3.43	0.1664	1.91	0.86	1035.3	22.0	992.4	17.5	1127.3	39.8	1127.3	39.8	4.2%	MA13_79
0.28	1.8981	1.33	0.1795	0.88	0.82	1080.4	8.8	1064.2	8.6	1113.5	15.7	1113.5	15.7	1.5%	MA13_18
0.33	1.7668	2.94	0.1673	1.47	0.78	1033.4	18.9	997.1	13.5	1111.0	39.8	1111.0	39.8	3.6%	MA13_21
0.16	1.7440	3.52	0.1676	1.69	0.87	1024.9	22.5	998.9	15.6	1081.0	43.9	1081.0	43.9	2.6%	MA13_88
0.23	1.7945	2.17	0.1761	1.44	0.87	1043.5	14.0	1045.8	13.9	1038.5	23.2	1038.5	23.2	-0.2%	MA13_70
0.35	1.6519	1.14	0.1624	0.59	0.80	990.3	7.2	970.1	5.3	1035.5	15.2	1035.5	15.2	2.1%	MA13_19
0.25	1.7206	2.44	0.1695	1.50	0.89	1016.3	15.5	1009.2	14.0	1031.5	26.0	1031.5	26.0	0.7%	MA13_58
0.33	1.6043	1.37	0.1582	0.79	0.77	971.9	8.5	946.8	7.0	1029.2	18.3	1029.2	18.3	2.6%	MA13_17
0.40	1.7174	3.17	0.1695	1.42	0.94	1015.0	20.2	1009.3	13.3	1027.5	38.1	1027.5	38.1	0.6%	MA13_80
0.13	1.6965	2.53	0.1676	1.63	0.82	1007.2	16.0	999.1	15.1	1024.8	30.4	1024.8	30.4	0.8%	MA13_65
0.28	1.6817	3.37	0.1664	1.58	0.89	1001.6	21.2	992.2	14.5	1022.4	41.5	1022.4	41.5	0.9%	MA13_87
0.17	1.7160	3.13	0.1703	1.40	0.95	1014.5	19.9	1013.7	13.1	1016.5	37.4	1016.5	37.4	0.1%	MA13_84
0.69	1.6809	1.89	0.1668	1.05	0.87	1001.3	12.0	994.7	9.7	1016.0	22.0	1016.0	22.0	0.7%	MA13_10
0.26	1.6973	2.05	0.1688	0.71	1.04	1007.5	13.0	1005.4	6.6	1012.4	26.2	1012.4	26.2	0.2%	MA13_25
0.18	1.7633	2.08	0.1758	1.43	0.90	1032.1	13.4	1044.2	13.8	1006.4	20.5	1006.4	20.5	-1.2%	MA13_100
0.23	1.6695	2.22	0.1665	1.56	0.89	997.0	14.0	992.8	14.4	1006.1	22.0	1006.1	22.0	0.4%	MA13_92
0.26	1.7078	2.53	0.1704	1.71	0.89	1011.4	16.1	1014.3	16.0	1005.3	25.5	1005.3	25.5	-0.3%	MA13_44
0.24	1.7004	3.15	0.1699	1.39	0.94	1008.7	19.9	1011.7	13.0	1002.3	37.8	1002.3	37.8	-0.3%	MA13_85
0.23	1.6944	2.11	0.1700	0.79	0.99	1006.4	13.4	1012.2	7.4	994.1	27.0	994.1	27.0	-0.6%	MA13_27
0.19	1.5604	1.84	0.1568	1.47	0.88	954.6	11.3	939.0	12.9	990.9	18.1	990.9	18.1	1.6%	MA13_40
0.26	1.7391	2.40	0.1750	1.44	0.89	1023.1	15.4	1039.4	13.8	988.7	26.2	988.7	26.2	-1.6%	MA13_52
0.26	1.6050	3.14	0.1615	1.10	1.05	972.2	19.4	965.4	9.9	987.9	39.2	987.9	39.2	0.7%	MA13_4
0.26	1.6409	2.42	0.1654	1.46	0.89	986.0	15.2	986.5	13.4	985.1	26.4	985.1	26.4	0.0%	MA13_51
0.23	1.5364	2.32	0.1558	0.96	0.89	945.1	14.2	933.3	8.3	972.7	30.9	972.7	30.9	1.3%	MA13_23
0.26	1.6355	2.27	0.1664	1.49	0.86	984.0	14.2	992.3	13.7	965.4	25.6	965.4	25.6	-0.8%	MA13_95
0.15	1.6897	3.45	0.1720	1.72	0.88	1004.6	21.8	1023.1	16.3	964.8	42.3	964.8	42.3	-1.8%	MA13_81
0.24	1.6120	3.34	0.1643	1.87	0.88	974.9	20.7	980.4	17.0	962.6	38.9	962.6	38.9	-0.6%	MA13_75
0.30	1.7230	2.63	0.1756	1.80	0.88	1017.1	16.8	1042.9	17.3	962.0	27.0	962.0	27.0	-2.5%	MA13_50
0.29	1.5482	3.16	0.1580	1.43	0.94	949.8	19.3	945.7	12.6	959.4	38.1	959.4	38.1	0.4%	MA13_89
0.21	1.5522	2.71	0.1604	1.86	0.88	951.4	16.6	959.1	16.5	933.6	28.7	933.6	28.7	-0.8%	MA13_46
0.91	1.6047	2.15	0.1676	1.42	0.87	972.0	13.3	999.0	13.1	911.6	23.7	911.6	23.7	-2.7%	MA13_66
0.29	1.5795	3.71	0.1480	1.95	0.87	962.2	22.8	889.7	16.2	1132.0	43.8	889.7	16.2	7.8%	MA13_3
0.24	1.4128	2.13	0.1441	1.48	0.89	894.3	12.6	868.0	12.0	960.0	21.6	868.0	12.0	3.0%	MA13_63
0.27	1.4208	2.84	0.1399	1.98	0.87	897.7	16.8	843.9	15.6	1032.6	29.6	843.9	15.6	6.2%	MA13_41
0.38	1.2641	3.15	0.1394	1.42	0.94	829.8	17.7	841.3	11.2	799.2	38.7	841.3	11.2	-1.4%	MA13_90
0.56	0.9942	2.04	0.1125	1.31	0.87	700.8	10.3	687.5	8.5	744.0	23.0	687.5	8.5	1.9%	MA13_11
0.68	0.8697	3.20	0.1043	1.77	0.90	635.4	15.0	639.3	10.8	621.5	38.1	639.3	10.8	-0.6%	MA13_76
0.37	0.8583	3.18	0.1040	1.76	0.90	629.2	14.8	637.5	10.7	599.5	37.8	637.5	10.7	-1.3%	MA13_72
1.21	0.8587	2.07	0.1028	1.21	0.84	629.4	9.7	630.8	7.2	624.4	26.5	630.8	7.2	-0.2%	MA13_9
0.73	0.8851	4.87	0.0977	2.64	0.75	643.7	23.0	600.7	15.1	798.0	69.4	600.7	15.1	6.9%	MA13_71
0.66	0.7191	2.44	0.0891	1.41	0.88	550.1	10.3	550.5	7.4	548.7	30.0	550.5	7.4	-0.1%	MA13_59
0.39	0.6987	2.95	0.0891	1.76	0.77	538.0	12.2	550.1	9.3	487.1	42.7	550.1	9.3	-2.2%	MA13_96
0.52	0.7541	3.32	0.0889	3.10	0.96	570.6	14.4	549.2	16.3	657.1	19.9	549.2	16.3	3.8%	MA13_34
0.51	0.5871	1.26	0.0740	0.85	0.84	469.0	4.7	460.3	3.8	512.1	15.7	460.3	3.8	1.9%	MA13_12
0.60	0.5633	2.44	0.0729	1.41	0.88	453.6	8.9	453.5	6.2	454.3	30.5	453.5	6.2	0.0%	MA13_57
0.24	0.5420	3.22	0.0712	1.84	0.90	439.7	11.4	443.4	7.9	420.5	38.9	443.4	7.9	-0.8%	MA13_73
0.44	0.5815	3.13	0.0705	1.04	1.07	465.4	11.6	439.0	4.4	598.4	42.2	439.0	4.4	5.8%	MA13_2
1.29	0.5786	3.18	0.0688	2.00	0.81	463.6	11.8	429.1	8.3	638.1	41.6	429.1	8.3	7.7%	MA13_42
0.51	0.5412	3.15	0.0688	1.44	0.94	439.2	11.2	428.7	6.0	494.5	40.4	428.7	6.0	2.4%	MA13_82
0.65	0.5419	2.32	0.0658	1.62	0.87	439.7	8.3	410.8	6.4	593.5	25.8	410.8	6.4	6.8%	MA13_97

AM7, Lower Cretaceous Las Juntas Formation (N=119). 5.53667°N 72.55105°W

0.40	4.8391	2.92	0.3237	2.78	0.97	1791.7	24.3	1807.9	43.7	1773.2	12.2	1773.2	12.2	-0.9%	AM7_29
0.38	4.7416	3.18	0.3215	1.30	0.97	1774.6	26.4	1797.2	20.4	1748.2	35.4	1748.2	35.4	-1.3%	AM7_55
0.28	3.4777	3.22	0.2429	2.01	0.87	1522.2	25.1	1401.8	25.2	1693.8	32.2	1693.8	32.2	8.2%	AM7_84
1.17	3.8706	1.79	0.2841	1.45	0.90	1607.6	14.3	1612.0	20.6	1601.8	15.0	1601.8	15.0	-0.3%	AM7_70
0.33	3.2948	1.88	0.2441	1.60	0.92	1479.8	14.5	1408.2	20.2	1584.1	13.7	1584.1	13.7	5.0%	AM7_68
0.21	3.8127	3.03	0.2862	0.87	1.13	1595.4	24.1	1622.4	12.4	1560.0	37.1	1560.0	37.1	-1.7%	AM7_91
0.50	3.5268	2.93	0.2656	2.79	0.97	1533.2	22.9	1518.5	37.6	1553.7	12.7	1553.7	12.7	1.0%	AM7_26
0.16	3.6462	2.62	0.2761	2.53	0.98	1559.7	20.7	1571.9	35.2	1543.3	9.1	1543.3	9.1	-0.8%	AM7_4
0.38	3.4642	2.74	0.2640	2.63	0.98	1519.1	21.4	1510.3	35.3	1531.4	10.8	1531.4	10.8	0.6%	AM7_14
0.26	3.4730	2.70	0.2674	2.58	0.97	1521.1	21.1	1527.8	35.0	1511.9	11.6	1511.9	11.6	-0.4%	AM7_2
0.39	3.4890	2.75	0.2712	2.61	0.97	1524.7	21.5	1547.0	35.8	1494.1	13.2	1494.1	13.2	-1.5%	AM7_11
0.33	3.4035	2.69	0.2654	1.69	0.89	1505.2	20.9	1517.4	22.8	1488.3	26.6	1488.3	26.6	-0.8%	AM7_35
0.17	2.9536	1.91	0.2316	1.08	0.86	1395.8	14.4	1342.9	13.1	1477.7	21.4	1477.7	21.4	3.9%	AM7_106
0.34	2.3607	3.26	0.1904	3.07	0.96	1230.8									

0.14	2.3498	3.11	0.2121	1.16	1.01	1227.5	21.9	1240.0	13.1	1205.6	37.6	1205.6	37.6	-1.0%	AM7_47
0.06	2.2500	2.73	0.2035	2.58	0.97	1196.8	19.0	1194.0	28.1	1202.0	13.7	1202.0	13.7	0.2%	AM7_7
0.37	2.0857	3.29	0.1906	2.57	0.91	1144.1	22.3	1124.4	26.4	1182.0	28.5	1182.0	28.5	1.7%	AM7_45
0.19	2.0861	1.81	0.1922	0.83	0.86	1144.2	12.3	1133.0	8.6	1165.7	23.0	1165.7	23.0	1.0%	AM7_120
0.22	2.1598	3.17	0.1991	2.91	0.94	1168.2	21.7	1170.6	31.1	1163.9	21.1	1163.9	21.1	-0.2%	AM7_25
0.15	1.9961	1.86	0.1863	1.57	0.92	1114.2	12.5	1101.2	15.9	1139.7	14.9	1139.7	14.9	1.2%	AM7_66
0.29	2.0356	1.85	0.1910	0.81	0.85	1127.5	12.5	1126.7	8.3	1129.1	24.5	1129.1	24.5	0.1%	AM7_119
0.20	1.7661	3.16	0.1689	2.74	0.89	1033.1	20.3	1005.9	25.5	1091.1	28.7	1091.1	28.7	2.7%	AM7_9
0.21	1.7770	3.40	0.1704	2.66	0.90	1037.1	21.8	1014.4	24.9	1085.6	30.2	1085.6	30.2	2.2%	AM7_40
0.25	1.5973	3.92	0.1534	1.70	0.82	996.2	24.2	920.3	14.6	1081.7	53.5	1081.7	53.5	5.2%	AM7_46
0.20	1.7871	3.42	0.1718	2.93	0.88	1040.8	22.0	1022.1	27.6	1080.4	31.7	1080.4	31.7	1.8%	AM7_22
0.24	1.8034	3.44	0.1737	1.22	0.89	1046.7	22.2	1032.6	11.7	1076.1	47.7	1076.1	47.7	1.4%	AM7_93
0.31	1.8056	2.61	0.1742	1.74	0.81	1047.5	16.9	1035.3	16.6	1073.1	31.5	1073.1	31.5	1.2%	AM7_110
0.20	1.7356	2.16	0.1675	1.57	0.81	1021.8	13.8	998.6	14.6	1072.0	25.3	1072.0	25.3	2.3%	AM7_61
0.13	1.7440	1.71	0.1687	1.35	0.89	1025.0	10.9	1004.9	12.6	1068.0	15.7	1068.0	15.7	2.0%	AM7_75
0.23	1.8676	2.00	0.1809	1.54	0.85	1069.7	13.1	1072.0	15.2	1065.1	21.0	1065.1	21.0	-0.2%	AM7_73
0.42	1.8418	3.22	0.1791	1.23	0.97	1060.5	21.0	1062.3	12.0	1056.9	40.7	1056.9	40.7	-0.2%	AM7_57
0.24	1.7213	1.82	0.1675	1.48	0.90	1016.5	11.6	998.2	13.7	1056.2	16.4	1056.2	16.4	1.8%	AM7_71
0.21	1.7678	3.27	0.1720	1.14	0.95	1033.7	21.0	1023.3	10.7	1055.9	44.1	1055.9	44.1	1.0%	AM7_96
0.17	1.6463	3.39	0.1607	2.61	0.89	988.1	21.2	960.7	23.3	1050.0	31.4	1050.0	31.4	2.8%	AM7_38
0.20	1.7612	2.71	0.1723	1.67	0.88	1031.3	17.4	1025.0	15.8	1044.8	29.4	1044.8	29.4	0.6%	AM7_33
0.16	1.8113	2.21	0.1773	1.46	0.85	1049.6	14.4	1052.4	14.1	1043.7	25.1	1043.7	25.1	-0.3%	AM7_111
0.23	1.7353	2.08	0.1702	1.57	0.84	1021.7	13.3	1013.0	14.7	1040.4	23.1	1040.4	23.1	0.9%	AM7_74
0.24	1.8471	2.70	0.1812	2.59	0.98	1062.4	17.6	1073.6	25.5	1039.6	11.9	1039.6	11.9	-1.0%	AM7_10
0.22	1.8343	3.35	0.1800	1.57	0.91	1057.8	21.8	1067.0	15.5	1038.9	40.2	1038.9	40.2	-0.9%	AM7_52
0.13	1.8317	3.00	0.1799	0.77	1.20	1056.9	19.5	1066.2	7.6	1037.7	39.9	1037.7	39.9	-0.9%	AM7_104
0.30	1.7658	1.78	0.1734	1.42	0.89	1033.0	11.5	1030.9	13.5	1037.5	16.9	1037.5	16.9	0.2%	AM7_65
0.38	1.7798	3.30	0.1749	1.32	0.94	1038.1	21.2	1039.2	12.6	1035.8	42.0	1035.8	42.0	-0.1%	AM7_56
0.36	1.7520	2.97	0.1723	2.77	0.96	1027.9	19.0	1024.8	26.2	1034.7	17.6	1034.7	17.6	0.3%	AM7_23
0.16	1.7101	2.13	0.1682	1.67	0.86	1012.3	13.5	1002.1	15.4	1034.7	22.3	1034.7	22.3	1.0%	AM7_64
0.35	1.8112	3.66	0.1782	1.79	0.86	1049.5	23.6	1057.3	17.5	1033.3	46.0	1033.3	46.0	-0.7%	AM7_54
0.18	1.8040	3.03	0.1776	0.84	1.14	1046.9	19.6	1053.9	8.1	1032.3	40.3	1032.3	40.3	-0.7%	AM7_100
0.19	1.7281	2.98	0.1702	2.81	0.96	1019.0	19.0	1013.0	26.3	1032.2	15.9	1032.2	15.9	0.6%	AM7_30
0.26	1.7027	3.16	0.1677	1.85	0.87	1009.6	20.0	999.2	17.1	1032.1	36.2	1032.1	36.2	1.0%	AM7_83
0.19	1.7835	3.21	0.1758	1.08	0.98	1039.4	20.7	1043.9	10.4	1030.0	43.2	1030.0	43.2	-0.4%	AM7_92
0.38	1.6636	4.82	0.1641	2.23	0.73	994.7	30.1	979.8	20.2	1027.9	69.9	1027.9	69.9	1.5%	AM7_49
0.24	1.7137	3.12	0.1692	1.13	1.02	1013.7	19.8	1007.7	10.5	1026.6	39.3	1026.6	39.3	0.6%	AM7_58
0.30	1.6382	1.91	0.1618	1.55	0.89	985.0	12.0	966.9	13.9	1025.7	17.6	1025.7	17.6	1.9%	AM7_67
0.17	1.8013	1.86	0.1780	1.46	0.88	1045.9	12.1	1055.8	14.2	1025.4	18.4	1025.4	18.4	-0.9%	AM7_62
0.18	1.6928	3.13	0.1672	1.14	1.01	1005.8	19.8	996.9	10.5	1025.2	39.1	1025.2	39.1	0.9%	AM7_59
0.13	1.7908	1.92	0.1772	1.13	0.87	1042.1	12.4	1051.7	11.0	1022.2	22.0	1022.2	22.0	-0.9%	AM7_114
0.15	1.5424	2.99	0.1526	2.84	0.97	947.5	18.3	915.7	24.2	1022.2	14.3	1022.2	14.3	3.4%	AM7_28
0.28	1.7335	3.20	0.1717	1.03	1.00	1021.0	20.4	1021.4	9.7	1020.3	43.5	1020.3	43.5	0.0%	AM7_103
0.32	1.7823	3.06	0.1765	1.68	0.87	1039.0	19.7	1048.0	16.2	1020.1	36.1	1020.1	36.1	-0.9%	AM7_90
0.14	1.7650	3.09	0.1750	0.96	1.06	1032.7	19.8	1039.5	9.2	1018.1	41.0	1018.1	41.0	-0.7%	AM7_94
0.25	1.7085	1.98	0.1697	0.97	0.81	1011.7	12.6	1010.4	9.0	1014.8	26.6	1014.8	26.6	0.1%	AM7_115
0.23	1.7055	3.14	0.1695	1.86	0.87	1010.6	19.9	1009.2	17.3	1013.5	35.8	1013.5	35.8	0.1%	AM7_82
0.50	1.7374	3.15	0.1728	0.97	1.03	1022.5	20.1	1027.3	9.2	1012.2	42.5	1012.2	42.5	-0.5%	AM7_101
0.24	1.6247	3.17	0.1616	1.93	0.87	979.8	19.7	965.6	17.3	1011.9	35.1	1011.9	35.1	1.5%	AM7_85
0.17	1.7048	3.76	0.1696	2.24	0.88	1010.4	23.8	1009.9	20.9	1011.4	42.0	1011.4	42.0	0.0%	AM7_50
0.16	1.7596	3.23	0.1753	2.54	0.91	1030.7	20.7	1041.1	24.3	1009.1	27.9	1009.1	27.9	-1.0%	AM7_42
0.20	1.7097	1.80	0.1704	0.75	0.87	1012.2	11.4	1014.1	7.0	1008.3	24.3	1008.3	24.3	-0.2%	AM7_118
0.21	1.6998	3.14	0.1694	1.14	1.01	1008.5	19.9	1008.5	10.7	1008.2	39.7	1008.2	39.7	0.0%	AM7_60
0.26	1.6724	3.13	0.1667	0.90	1.07	998.1	19.7	994.0	8.3	1007.2	42.7	1007.2	42.7	0.4%	AM7_102
0.30	1.7150	2.25	0.1714	1.49	0.84	1014.2	14.4	1019.6	14.0	1002.5	25.8	1002.5	25.8	-0.5%	AM7_109
0.21	1.6581	3.18	0.1659	1.88	0.86	992.7	20.0	989.7	17.2	999.2	36.6	999.2	36.6	0.3%	AM7_86
0.32	1.6103	3.39	0.1612	1.24	0.90	974.2	21.0	963.2	11.1	999.1	46.9	999.1	46.9	1.1%	AM7_98
0.15	1.7314	2.95	0.1734	2.77	0.96	1020.3	18.8	1030.7	26.4	998.2	16.4	998.2	16.4	-1.0%	AM7_27
0.19	1.6963	2.81	0.1699	2.63	0.96	1007.1	17.8	1011.3	24.6	998.2	16.6	998.2	16.6	-0.4%	AM7_12
0.20	1.7128	3.24	0.1715	1.84	0.85	1013.3	20.5	1020.4	17.3	998.1	39.1	998.1	39.1	-0.7%	AM7_80
0.30	1.6876	3.05	0.1692	2.79	0.94	1003.9	19.2	1007.8	26.0	995.5	21.2	995.5	21.2	-0.4%	AM7_21
0.16	1.7259	3.02	0.1731	0.80	1.18	1018.2	19.2	1029.2	7.6	994.7	40.4	994.7	40.4	-1.1%	AM7_99
0.20	1.8199	3.30	0.1825	1.54	0.92	1052.6	21.4	1080.9	15.3	994.6	39.5	994.6	39.5	-2.6%	AM7_51
0.16	1.7380	3.26	0.1747	2.83	0.89	1022.7	20.8	1037.7	27.1	990.9	29.7	990.9	29.7	-1.5%	AM7_15
0.51	1.6590	2.93	0.1667	2.76	0.97	993.0	18.4	994.0	25.4	990.9	15.5	990.9	15.5	-0.1%	AM7_18
0.49	1.5847	3.65	0.1593	2.72	0.87	964.2	22.5	953.0	24.0	990.2	37.7	990.2	37.7	1.2%	AM7_43
0.27	1.7226	3.42	0.1734	1.76	0.90	1017.0	21.7	1030.6	16.7	987.8	39.8	987.8	39.8	-1.3%	AM7_53
0.23	1.6052	3.18	0.1617	1.78	0.85	972.3	19.7	966.0	15.9	986.5	38.5	986.5	38.5	0.6%	AM7_87
0.19	1.6343	2.97	0.1647	1.59	0.88	983.5	18.6	982.8	14.5	985.3	35.1	985.3	35.1	0.1%	

0.09	2.7817	2.43	0.2300	1.00	0.97	1350.6	18.0	1334.6	12.0	1376.3	28.3	1376.3	28.3	1.2%	AM6B_127
0.27	2.8988	1.65	0.2402	1.00	0.81	1381.6	12.3	1387.7	12.4	1372.3	19.7	1372.3	19.7	-0.4%	AM6B_76
0.21	2.7949	2.29	0.2318	0.98	0.91	1354.2	17.0	1344.1	11.9	1370.2	27.7	1370.2	27.7	0.7%	AM6B_73
0.32	2.2320	1.49	0.1856	0.98	0.85	1191.1	10.4	1097.6	9.9	1365.3	16.1	1365.3	16.1	8.2%	AM6B_94
0.27	2.7619	2.30	0.2305	1.06	0.93	1345.3	17.0	1337.0	12.8	1358.5	26.2	1358.5	26.2	0.6%	AM6B_12
0.40	2.9157	1.44	0.2435	0.98	0.87	1386.0	10.8	1405.0	12.3	1357.0	14.4	1357.0	14.4	-1.4%	AM6B_96
0.22	2.8534	2.29	0.2391	0.61	1.26	1369.7	17.1	1382.3	7.5	1350.3	27.9	1350.3	27.9	-0.9%	AM6B_57
0.27	2.8167	2.78	0.2362	2.07	0.91	1360.0	20.7	1367.1	25.5	1348.7	23.5	1348.7	23.5	-0.5%	AM6B_28
0.25	2.7943	2.07	0.2355	1.09	0.86	1354.0	15.4	1363.0	13.4	1340.0	24.3	1340.0	24.3	-0.7%	AM6B_117
0.23	2.7588	2.56	0.2359	1.23	0.92	1344.5	18.9	1365.4	15.1	1311.4	29.1	1311.4	29.1	-1.5%	AM6B_129
0.35	2.6452	1.65	0.2271	1.11	0.83	1313.3	12.1	1319.3	13.2	1303.6	18.3	1303.6	18.3	-0.5%	AM6B_95
0.37	2.3120	2.20	0.2043	0.93	0.97	1216.0	15.5	1198.4	10.2	1247.3	25.6	1247.3	25.6	1.5%	AM6B_11
0.12	2.3436	2.75	0.2101	2.04	0.92	1225.6	19.4	1229.2	22.8	1219.1	23.5	1219.1	23.5	-0.3%	AM6B_26
0.39	2.2000	1.38	0.1973	0.89	0.88	1181.0	9.6	1160.8	9.4	1218.4	14.5	1218.4	14.5	1.7%	AM6B_88
0.25	2.2606	2.91	0.2033	2.02	0.90	1200.1	20.3	1193.0	22.0	1212.7	27.0	1212.7	27.0	0.6%	AM6B_40
0.24	2.1288	2.73	0.1931	1.55	0.84	1158.2	18.7	1138.2	16.2	1196.0	32.4	1196.0	32.4	1.7%	AM6B_61
0.26	2.1355	1.36	0.1945	0.79	0.86	1160.4	9.3	1145.8	8.3	1187.8	15.6	1187.8	15.6	1.3%	AM6B_82
0.22	2.2002	2.39	0.2022	0.79	1.07	1181.1	16.5	1187.2	8.6	1170.1	29.7	1170.1	29.7	-0.5%	AM6B_52
0.22	1.6848	2.61	0.1585	1.25	0.90	1002.8	16.5	948.2	11.0	1124.3	31.1	1124.3	31.1	5.6%	AM6B_128
0.31	1.7609	3.04	0.1733	2.11	0.89	1031.2	19.5	1030.4	20.0	1032.6	30.3	1032.6	30.3	0.1%	AM6B_41
0.37	1.7757	2.89	0.1752	2.06	0.89	1036.6	18.6	1040.5	19.8	1028.3	28.6	1028.3	28.6	-0.4%	AM6B_19
0.17	1.7552	2.47	0.1734	0.82	1.03	1029.1	15.8	1030.8	7.8	1025.6	32.1	1025.6	32.1	-0.2%	AM6B_50
0.22	1.7174	2.41	0.1700	0.91	1.01	1015.0	15.3	1012.1	8.5	1021.5	29.7	1021.5	29.7	0.3%	AM6B_53
0.34	1.8226	3.10	0.1805	2.12	0.88	1053.6	20.1	1069.7	20.9	1020.3	31.9	1020.3	31.9	-1.5%	AM6B_44
0.19	1.7446	2.27	0.1733	1.09	0.80	1025.2	14.6	1030.2	10.4	1014.5	30.9	1014.5	30.9	-0.5%	AM6B_120
0.18	1.7054	2.14	0.1695	0.87	0.97	1010.6	13.6	1009.4	8.1	1013.3	26.5	1013.3	26.5	0.1%	AM6B_69
0.22	1.6898	2.90	0.1684	2.09	0.89	1004.7	18.3	1003.4	19.3	1007.5	28.3	1007.5	28.3	0.1%	AM6B_17
0.13	1.7440	2.48	0.1739	1.01	0.95	1024.9	15.9	1033.5	9.7	1006.9	31.0	1006.9	31.0	-0.8%	AM6B_132
0.15	1.7068	2.20	0.1703	0.91	0.98	1011.1	14.0	1013.7	8.6	1005.5	26.6	1005.5	26.6	-0.3%	AM6B_14
0.18	1.7313	2.68	0.1729	1.16	0.89	1020.2	17.1	1028.3	11.0	1003.0	34.9	1003.0	34.9	-0.8%	AM6B_121
0.30	1.6854	2.14	0.1686	0.87	1.00	1003.0	13.6	1004.3	8.1	1000.2	25.5	1000.2	25.5	-0.1%	AM6B_7
0.30	1.7933	2.86	0.1795	1.85	0.87	1043.0	18.5	1064.0	18.1	999.3	30.9	999.3	30.9	-2.0%	AM6B_3
0.22	1.6752	3.37	0.1677	2.55	0.90	999.1	21.2	999.3	23.6	998.7	30.7	998.7	30.7	0.0%	AM6B_34
0.17	1.6857	2.79	0.1690	2.06	0.91	1003.1	17.6	1006.8	19.2	995.0	25.4	995.0	25.4	-0.4%	AM6B_29
0.28	1.6653	3.03	0.1676	2.18	0.88	995.4	19.1	999.1	20.2	987.1	30.7	987.1	30.7	-0.4%	AM6B_21
0.32	1.6885	1.70	0.1701	1.27	0.88	1004.2	10.8	1012.4	11.9	986.5	17.1	986.5	17.1	-0.8%	AM6B_103
0.16	1.6584	2.32	0.1675	1.06	0.93	992.8	14.6	998.4	9.8	980.3	28.3	980.3	28.3	-0.6%	AM6B_8
0.34	1.6733	1.59	0.1697	0.89	0.79	998.4	10.0	1010.6	8.3	972.0	20.9	972.0	20.9	-1.2%	AM6B_81
0.34	1.6625	1.53	0.1686	1.01	0.85	994.3	9.6	1004.6	9.4	971.8	17.4	971.8	17.4	-1.0%	AM6B_93
0.26	1.6516	2.01	0.1684	0.98	0.87	990.2	12.7	1003.5	9.1	960.8	25.6	960.8	25.6	-1.3%	AM6B_115
0.41	1.4820	2.43	0.1513	1.11	0.90	923.1	14.6	908.4	9.4	958.2	30.6	958.2	30.6	1.6%	AM6B_1
0.26	1.6885	2.39	0.1729	0.74	1.10	1004.2	15.1	1028.3	7.1	952.0	31.0	952.0	31.0	-2.4%	AM6B_58
0.08	1.5775	2.30	0.1619	0.64	1.22	961.4	14.2	967.6	5.7	947.4	29.6	947.4	29.6	-0.6%	AM6B_46
0.20	1.5255	2.58	0.1570	0.98	0.95	940.7	15.7	940.0	8.5	942.5	34.1	942.5	34.1	0.1%	AM6B_54
0.25	1.5531	2.66	0.1601	1.13	0.89	951.7	16.3	957.1	10.0	939.5	35.0	939.5	35.0	-0.6%	AM6B_133
0.34	1.4807	1.81	0.1557	0.98	0.75	922.5	10.9	932.9	8.5	898.0	25.6	932.9	25.6	-1.1%	AM6B_90
0.25	1.5618	2.30	0.1621	0.97	0.91	955.2	14.2	968.6	8.7	924.4	30.1	924.4	30.1	-1.4%	AM6B_71
0.31	1.5648	1.41	0.1635	0.98	0.89	956.4	8.7	976.5	8.8	910.6	14.6	910.6	14.6	2.1%	AM6B_97
0.32	1.1499	3.55	0.1162	2.72	0.90	777.2	19.1	708.8	18.3	978.7	32.5	708.8	18.3	9.2%	AM6B_32
1.40	0.8206	2.59	0.1005	1.28	0.76	608.4	11.8	617.4	7.5	575.1	39.2	617.4	7.5	-1.5%	AM6B_119
0.62	0.8455	4.62	0.1004	2.63	0.66	622.2	21.3	616.5	15.5	643.0	73.1	616.5	15.5	0.9%	AM6B_101
0.42	0.8301	2.65	0.0985	0.84	0.98	613.7	12.1	605.5	4.9	643.9	38.7	605.5	4.9	1.3%	AM6B_59
0.48	0.8102	3.29	0.0982	1.41	0.73	602.6	14.8	604.1	8.1	596.9	52.2	604.1	8.1	-0.3%	AM6B_62
11080811, Upper Cretaceous Chipaque Formation (N=116). 5.86756°N 72.83629°W															
0.53	8.2913	7.82	0.4317	7.79	0.99	2263.4	68.5	2313.2	149.6	2219.0	16.2	2219.0	16.2	-2.2%	11080811_53
0.46	6.5320	2.76	0.3882	2.16	0.88	2050.2	24.0	2114.3	38.9	1986.7	23.5	1986.7	23.5	-3.1%	11080811_80
0.35	6.1948	0.80	0.3705	0.64	0.89	2003.7	7.0	2031.5	11.2	1975.2	6.7	1975.2	6.7	-1.4%	11080811_114
0.19	4.6138	3.64	0.2794	3.25	0.95	1751.8	29.9	1588.4	45.6	1952.6	19.9	1952.6	19.9	9.8%	11080811_63
0.45	4.9987	4.78	0.3231	4.62	0.98	1819.1	39.7	1805.1	72.3	1835.1	18.1	1835.1	18.1	0.8%	11080811_19
0.53	5.3196	4.76	0.3470	4.60	0.98	1872.0	39.9	1920.1	75.9	1819.0	17.9	1819.0	17.9	-2.5%	11080811_21
0.53	5.1207	2.49	0.3349	1.84	0.90	1839.5	20.9	1862.1	29.6	1814.2	20.8	1814.2	20.8	-1.2%	11080811_56
0.41	4.8967	2.83	0.3208	2.38	0.92	1801.7	23.6	1793.5	37.1	1811.5	20.1	1811.5	20.1	0.5%	11080811_77
0.52	5.2006	3.17	0.3411	2.68	0.93	1852.7	26.6	1892.0	43.7	1809.1	22.2	1809.1	22.2	-2.1%	11080811_73
0.27	4.5625	2.88	0.3000	1.43	0.85	1742.4	23.7	1691.2	21.3	1804.3	32.9	1804.3	32.9	3.0%	11080811_29
0.21	5.0521	2.51	0.3323	1.88	0.90	1828.1	21.1	1849.6	30.2	1803.8	20.6	1803.8	20.6	-1.2%	11080811_65
0.27	5.0885	0.56	0.3366	0.43	0.77	1834.2	4.8	1870.3	7.0	1793.5	6.5	1793.5	6.5	-1.9%	11080811_102
0.41	4.9013	1.01	0.3301	0.80	0.79	1802.5	8.5	1838.8	12.7	1760.7	11.2	1760.7	11.2	-2.0%	11080811_93
0.44	4.8510	2.61	0.3268	1.99	0.91	1793.8	21.7	1822.9	31.6	1760.1	21.1	1760.1	21.1	-1.6%	11080811_62
0.38	4.5417	3.12	0.3												

0.17	3.6548	2.51	0.2724	1.86	0.90	1561.6	19.8	1553.0	25.6	1573.1	21.6	1573.1	21.6	0.5%	11080811_57
0.59	3.6839	1.95	0.2761	1.52	0.88	1567.9	15.5	1571.9	21.1	1562.7	17.7	1562.7	17.7	-0.3%	11080811_84
0.33	3.7007	7.85	0.2787	7.80	0.99	1571.5	60.9	1584.9	108.7	1553.9	19.4	1553.9	19.4	-0.8%	11080811_49
0.32	3.6548	3.17	0.2761	2.68	0.92	1561.6	25.0	1571.5	37.2	1548.3	23.0	1548.3	23.0	-0.6%	11080811_69
0.29	2.8241	2.53	0.2136	2.07	0.92	1362.0	18.8	1247.7	23.4	1546.1	19.6	1546.1	19.6	8.8%	11080811_13
0.22	3.7359	0.64	0.2827	0.52	0.82	1579.1	5.1	1604.9	7.4	1544.8	6.9	1544.8	6.9	-1.6%	11080811_95
0.51	3.5689	2.51	0.2704	1.86	0.90	1542.6	19.7	1542.9	25.5	1542.3	21.6	1542.3	21.6	0.0%	11080811_60
0.27	3.6136	2.50	0.2742	1.87	0.91	1552.5	19.7	1562.3	25.9	1539.3	21.1	1539.3	21.1	-0.6%	11080811_61
0.25	3.6589	0.52	0.2781	0.42	0.80	1562.4	4.2	1581.7	5.9	1536.6	5.9	1536.6	5.9	-1.2%	11080811_101
0.30	3.5412	1.55	0.2694	1.00	0.87	1536.5	12.2	1537.8	13.6	1534.8	15.7	1534.8	15.7	-0.1%	11080811_106
0.26	3.8576	0.13	0.2935	0.01	0.86	1604.9	27.8	1659.1	36.0	1534.8	34.8	1534.8	34.8	-3.3%	11080811_44
0.49	3.6038	7.86	0.2745	7.80	0.99	1550.4	60.6	1563.5	107.4	1533.0	21.2	1533.0	21.2	-0.8%	11080811_48
0.15	3.6891	4.77	0.2812	4.60	0.98	1569.0	37.4	1597.5	64.8	1530.7	19.2	1530.7	19.2	-1.8%	11080811_16
0.59	3.5408	2.01	0.2704	1.19	0.89	1536.4	15.8	1542.9	16.3	1527.4	20.5	1527.4	20.5	-0.4%	11080811_9
0.33	3.2954	2.48	0.2523	2.03	0.92	1480.0	19.1	1450.2	26.4	1523.0	18.5	1523.0	18.5	2.0%	11080811_15
0.22	3.6137	1.80	0.2768	1.44	0.91	1552.6	14.2	1575.0	20.1	1522.3	14.3	1522.3	14.3	-1.4%	11080811_90
0.48	3.5162	2.12	0.2693	1.28	0.87	1530.9	16.6	1537.2	17.5	1522.1	22.1	1522.1	22.1	-0.4%	11080811_7
0.25	3.6032	1.88	0.2760	1.50	0.91	1550.2	14.8	1571.1	20.9	1522.0	15.4	1522.0	15.4	-1.3%	11080811_88
0.22	3.4010	1.48	0.2605	0.96	0.89	1504.6	11.5	1492.4	12.8	1521.9	14.3	1521.9	14.3	0.8%	11080811_105
0.33	3.3795	2.50	0.2595	2.04	0.92	1499.6	19.4	1487.1	27.1	1517.5	19.4	1517.5	19.4	0.8%	11080811_11
0.41	3.3741	2.26	0.2599	1.77	0.87	1498.4	17.5	1489.2	23.5	1511.7	21.3	1511.7	21.3	0.6%	11080811_86
0.32	3.6130	0.13	0.2842	0.01	0.86	1552.4	27.5	1612.5	35.3	1471.8	35.2	1471.8	35.2	-3.8%	11080811_45
0.22	3.2695	0.60	0.2582	0.41	0.69	1473.8	4.6	1480.4	5.5	1464.3	8.2	1464.3	8.2	-0.4%	11080811_97
0.27	3.3643	4.78	0.2657	4.60	0.98	1496.1	36.7	1519.1	62.0	1463.7	19.8	1463.7	19.8	-1.5%	11080811_25
0.18	3.3595	0.75	0.2657	0.55	0.73	1495.0	5.9	1519.0	7.5	1461.1	9.7	1461.1	9.7	-1.6%	11080811_98
0.26	3.1242	2.58	0.2473	1.93	0.82	1438.7	19.7	1424.7	24.6	1459.6	27.9	1459.6	27.9	1.0%	11080811_92
0.45	3.4186	0.67	0.2713	0.48	0.73	1508.7	5.2	1547.4	6.6	1454.8	8.7	1454.8	8.7	-2.5%	11080811_100
0.14	2.8449	3.71	0.2266	2.77	0.87	1367.5	27.5	1316.5	32.9	1448.3	35.2	1448.3	35.2	3.8%	11080811_37
0.56	3.5704	2.96	0.2847	1.49	0.83	1543.0	23.2	1614.9	21.3	1445.6	35.9	1445.6	35.9	-4.6%	11080811_28
0.37	3.1218	2.01	0.2491	1.18	0.89	1438.1	15.4	1433.8	15.1	1444.5	21.1	1444.5	21.1	0.3%	11080811_8
0.37	3.4104	0.77	0.2734	0.58	0.76	1506.8	6.0	1557.8	8.0	1435.8	9.5	1435.8	9.5	-3.3%	11080811_94
0.23	3.2251	3.19	0.2586	2.69	0.92	1463.2	24.4	1482.6	35.5	1435.4	23.5	1435.4	23.5	-1.3%	11080811_72
0.32	3.2011	1.82	0.2568	1.45	0.91	1457.4	14.0	1473.3	19.1	1434.6	15.0	1434.6	15.0	-1.1%	11080811_87
0.39	3.1978	1.88	0.2582	1.49	0.90	1456.6	14.4	1480.4	19.6	1422.4	16.1	1422.4	16.1	-1.6%	11080811_85
0.32	3.1143	0.81	0.2516	0.63	0.86	1436.2	6.2	1446.6	8.1	1421.0	8.0	1421.0	8.0	-0.7%	11080811_118
0.22	2.4929	2.05	0.2017	1.19	0.91	1270.0	14.8	1184.4	12.9	1418.0	20.8	1418.0	20.8	7.0%	11080811_2
0.27	3.1368	7.84	0.2555	7.80	0.99	1441.8	58.7	1466.6	101.5	1405.8	19.6	1405.8	19.6	-1.7%	11080811_50
0.29	3.0098	7.82	0.2452	7.79	0.99	1410.1	57.9	1413.6	98.1	1405.2	18.1	1405.2	18.1	-0.2%	11080811_54
0.30	3.2772	2.91	0.2677	1.46	0.84	1475.7	22.4	1529.0	19.9	1399.5	35.2	1399.5	35.2	-3.6%	11080811_27
0.34	3.0062	3.17	0.2461	2.68	0.93	1409.2	23.9	1418.5	34.0	1395.4	23.2	1395.4	23.2	-0.7%	11080811_74
0.27	2.9423	2.57	0.2419	1.91	0.90	1392.9	19.3	1396.6	23.9	1387.3	23.0	1387.3	23.0	-0.3%	11080811_64
0.46	2.8493	1.06	0.2349	0.78	0.81	1368.6	8.0	1360.3	9.6	1381.7	12.0	1381.7	12.0	0.6%	11080811_121
0.38	2.8969	0.92	0.2392	0.69	0.83	1381.1	6.9	1382.7	8.6	1378.8	9.9	1378.8	9.9	-0.1%	11080811_124
0.22	2.3150	3.13	0.1915	2.65	0.93	1216.9	22.0	1129.3	27.4	1376.1	22.5	1376.1	22.5	7.5%	11080811_71
0.13	2.8206	1.97	0.2350	1.16	0.90	1361.0	14.7	1360.5	14.2	1361.8	20.4	1361.8	20.4	0.0%	11080811_10
0.24	2.8144	1.82	0.2355	1.46	0.91	1359.4	13.5	1363.4	17.9	1353.3	14.8	1353.3	14.8	-0.3%	11080811_83
0.35	2.6421	1.55	0.2243	0.98	0.87	1312.4	11.4	1304.8	11.6	1325.1	16.5	1325.1	16.5	0.6%	11080811_107
0.17	2.4003	0.80	0.2138	0.63	0.88	1242.7	5.7	1249.3	7.1	1231.4	7.6	1231.4	7.6	-0.5%	11080811_123
0.28	2.4131	7.85	0.2173	7.80	0.99	1246.5	54.8	1267.8	89.1	1210.3	21.0	1210.3	21.0	-1.7%	11080811_51
0.14	2.1275	1.64	0.1925	1.07	0.86	1157.8	11.2	1134.9	11.1	1200.9	17.7	1200.9	17.7	2.0%	11080811_109
0.35	2.0799	3.27	0.1893	2.71	0.91	1142.2	22.2	1117.6	27.8	1189.3	27.3	1189.3	27.3	2.2%	11080811_67
0.39	2.2861	2.63	0.2085	2.09	0.90	1208.0	18.4	1221.0	23.2	1185.1	23.2	1185.1	23.2	-1.1%	11080811_76
0.16	2.0944	1.18	0.1953	0.86	0.80	1147.0	8.1	1150.1	9.0	1141.1	14.0	1141.1	14.0	-0.3%	11080811_115
0.29	2.0973	1.75	0.1961	1.21	0.87	1147.9	11.9	1154.5	12.8	1135.7	18.3	1135.7	18.3	-0.6%	11080811_112
0.23	1.8074	3.43	0.1708	2.79	0.89	1048.1	22.2	1016.4	26.2	1115.0	31.5	1115.0	31.5	3.1%	11080811_75
0.30	1.8861	1.02	0.1795	0.74	0.81	1076.2	6.8	1064.2	7.3	1100.7	12.1	1100.7	12.1	1.1%	11080811_119
0.19	1.9874	3.72	0.1915	2.60	0.83	1111.3	24.8	1129.4	26.8	1076.2	42.5	1076.2	42.5	-1.6%	11080811_43
0.20	1.7936	2.09	0.1734	1.18	0.89	1043.1	13.5	1030.9	11.2	1069.1	23.2	1069.1	23.2	1.2%	11080811_3
0.33	1.7699	2.75	0.1712	2.23	0.90	1034.5	17.7	1018.9	21.0	1067.6	24.6	1067.6	24.6	1.5%	11080811_14
0.23	1.7780	2.53	0.1732	1.87	0.90	1037.4	16.3	1029.6	17.8	1054.0	23.7	1054.0	23.7	0.8%	11080811_59
0.23	1.7413	2.49	0.1697	2.04	0.92	1023.9	16.0	1010.6	19.1	1052.7	20.3	1052.7	20.3	1.3%	11080811_12
0.15	1.7150	2.03	0.1675	1.20	0.88	1014.2	12.9	998.5	11.1	1048.3	22.3	1048.3	22.3	1.6%	11080811_6
0.31	1.8072	4.82	0.1782	4.62	0.97	1048.1	31.0	1057.2	44.9	1029.0	23.2	1029.0	23.2	-0.9%	11080811_24
0.36	1.6948	2.05	0.1673	1.14	0.90	1006.6	13.0	997.0	10.5	1027.6	22.8	1027.6	22.8	1.0%	11080811_4
0.35	1.8162	4.77	0.1793	4.60	0.98	1051.3	30.8	1063.4	44.9	1026.2	21.2	1026.2	21.2	-1.1%	11080811_23
0.21	1.8568	4.81	0.1835	4.61	0.97	1065.9	31.2	1085.9	45.9	1024.9	22.8	1024.9	22.8	-1.9%	11080811_22
0.23	1.6564	1.47	0.1638												

MA2, Upper Cretaceous Guadalupe Formation (N=87). 5.09059°N 73.63229°W																			
0.33	1.7454	1.86	0.1750	1.10	0.79	1025.5	11.9	1039.5	10.6	995.7	24.0	995.7	24.0	-1.4%	11080811_110				
0.44	1.6831	0.79	0.1690	0.61	0.86	1002.2	5.0	1006.6	5.6	992.6	8.3	992.6	8.3	-0.4%	11080811_117				
0.32	1.6439	1.38	0.1654	0.87	0.63	987.2	8.7	987.0	8.0	987.7	21.7	987.7	21.7	0.0%	11080811_99				
0.36	1.7388	2.58	0.1757	2.05	0.90	1023.0	16.5	1043.3	19.7	980.1	23.0	980.1	23.0	-2.0%	11080811_81				
0.29	1.6197	7.84	0.1639	7.80	0.99	977.9	48.0	978.5	70.4	976.8	20.2	976.8	20.2	-0.1%	11080811_52				
0.31	1.7516	3.76	0.1773	2.58	0.81	1027.8	24.0	1052.1	25.0	976.6	45.2	976.6	45.2	-2.3%	11080811_41				
0.27	1.5818	2.53	0.1606	1.87	0.89	963.1	15.6	960.3	16.6	969.4	24.3	969.4	24.3	0.3%	11080811_58				
0.37	1.7376	2.92	0.1766	1.45	0.84	1022.6	18.6	1048.1	14.0	968.0	37.9	968.0	37.9	-2.5%	11080811_34				
0.22	1.5509	1.00	0.1584	0.71	0.80	950.8	6.2	947.7	6.3	958.2	12.5	958.2	12.5	0.3%	11080811_122				
0.46	1.4897	1.85	0.1537	1.13	0.80	926.2	11.2	921.5	9.7	937.5	23.7	937.5	23.7	0.5%	11080811_111				
0.22	1.5391	1.93	0.1601	1.50	0.88	946.1	11.8	957.2	13.3	920.6	18.9	920.6	18.9	-1.2%	11080811_89				
0.21	1.0012	2.92	0.1174	1.44	0.84	704.4	14.7	715.9	9.8	667.8	39.9	715.9	9.8	-1.6%	11080811_26				
0.10	0.8172	4.82	0.0994	4.62	0.97	606.5	21.8	611.0	26.9	589.5	25.1	611.0	26.9	-0.7%	11080811_17				
0.70	0.7075	4.81	0.0884	4.61	0.97	543.3	20.0	546.0	24.1	531.8	25.1	546.0	24.1	-0.5%	11080811_18				

0.32	2.8678	2.16	0.2373	1.39	0.89	1373.48	16.13	1372.84	17.23	1374.70	21.57	1374.7	21.6	0.0%	08YEM01_118
0.35	2.7037	1.97	0.2254	1.60	0.92	1329.47	14.51	1310.11	18.96	1360.83	15.17	1360.8	15.2	1.5%	08YEM01_70
0.45	2.8754	2.35	0.2405	1.47	0.84	1375.50	17.54	1389.49	18.40	1354.05	26.26	1354.1	26.3	-1.0%	08YEM01_129
0.49	2.8686	2.21	0.2403	1.78	0.89	1373.72	16.52	1388.14	22.19	1351.38	19.83	1351.4	19.8	-1.0%	08YEM01_20
0.27	2.6195	3.09	0.2203	2.06	0.83	1306.13	22.46	1283.33	23.94	1343.88	34.20	1343.9	34.2	1.8%	08YEM01_91
0.22	2.6870	1.81	0.2284	1.26	0.90	1324.88	13.29	1326.08	15.08	1323.12	16.76	1323.1	16.8	-0.1%	08YEM01_34
0.46	2.2826	2.22	0.2064	1.38	0.88	1206.93	15.58	1209.42	15.23	1202.64	23.74	1202.6	23.7	-0.2%	08YEM01_80
0.34	1.7884	3.69	0.1675	2.65	0.78	1041.23	23.78	998.18	24.48	1132.85	45.61	1132.8	45.6	4.2%	08YEM01_4
0.31	1.7853	2.66	0.1725	1.63	0.80	1040.11	17.14	1025.66	15.45	1070.83	33.26	1070.8	33.3	1.4%	08YEM01_137
0.25	1.7339	2.05	0.1705	1.35	0.85	1021.18	13.13	1014.72	12.69	1035.25	23.23	1035.3	23.2	0.6%	08YEM01_31
0.23	1.6691	2.23	0.1653	1.40	0.88	996.83	14.03	985.93	12.81	1021.03	24.05	1021.0	24.1	1.1%	08YEM01_79
0.17	1.8044	2.09	0.1795	1.69	0.92	1047.05	13.56	1063.99	16.57	1011.91	17.47	1011.9	17.5	-1.6%	08YEM01_6
0.29	1.6063	1.88	0.1614	1.32	0.89	972.68	11.71	964.76	11.80	990.81	18.79	990.8	18.8	0.8%	08YEM01_25
0.26	1.6303	2.40	0.1682	1.88	0.86	981.99	15.02	1002.35	17.44	936.85	24.98	936.9	25.0	-2.1%	08YEM01_68
0.11	1.4637	2.09	0.1530	1.73	0.91	915.53	12.53	918.04	14.77	909.50	18.15	909.5	18.1	-0.3%	08YEM01_19
0.37	1.3611	2.46	0.1464	1.49	0.81	872.34	14.30	880.80	12.25	851.15	31.33	880.8	12.2	-1.0%	08YEM01_136
0.63	0.8662	2.65	0.1002	1.65	0.80	633.49	12.41	615.69	9.70	697.75	34.71	615.7	9.7	2.8%	08YEM01_135
MP175, lower Miocene Carbonera Formation, C5 member (N=106). 4.84487°N 73.17225°W															
0.44	10.7855	1.22	0.4595	1.02	0.93	2504.82	11.32	2437.48	20.59	2559.93	7.62	2559.9	7.6	2.7%	MP175_34
0.28	8.1133	1.36	0.3803	1.18	0.94	2243.73	12.26	2077.54	20.93	2399.12	7.80	2399.1	7.8	7.7%	MP175_52
0.39	7.3161	2.74	0.3864	1.16	0.99	2150.77	24.14	2106.25	20.87	2193.71	27.33	2193.7	27.3	2.1%	MP175_8
0.28	6.3315	2.55	0.3492	2.07	0.89	2022.83	22.12	1930.83	34.42	2118.26	20.51	2118.3	20.5	4.7%	MP175_62
0.47	5.7341	1.10	0.3264	0.95	0.94	1936.53	9.45	1820.72	15.01	2062.92	6.97	2062.9	7.0	6.2%	MP175_42
0.50	5.0842	1.77	0.3218	0.76	0.94	1833.48	14.91	1798.71	11.84	1873.30	19.51	1873.3	19.5	1.9%	MP175_113
0.61	4.6834	1.75	0.3014	0.68	0.97	1764.28	14.54	1698.24	10.09	1843.50	19.89	1843.5	19.9	3.8%	MP175_108
0.45	4.5384	1.68	0.2981	1.50	0.95	1738.05	13.90	1681.68	22.13	1806.68	9.52	1806.7	9.5	3.3%	MP175_24
0.42	4.5463	1.04	0.3009	0.60	0.88	1739.49	8.62	1695.73	9.01	1792.63	10.63	1792.6	10.6	2.5%	MP175_82
0.26	4.4072	1.02	0.2947	0.58	0.88	1713.70	8.43	1665.06	8.54	1773.79	10.52	1773.8	10.5	2.9%	MP175_83
0.36	4.2495	1.65	0.2868	1.60	0.98	1683.64	13.50	1625.31	22.96	1757.21	6.49	1757.2	6.5	3.5%	MP175_72
0.19	4.3152	1.35	0.2913	1.14	0.92	1696.27	11.04	1647.99	16.49	1756.51	9.80	1756.5	9.8	2.9%	MP175_90
0.40	3.7915	1.95	0.2638	1.58	0.93	1590.96	15.54	1509.46	21.20	1700.91	14.16	1700.9	14.2	5.3%	MP175_63
0.18	3.9359	1.23	0.2758	0.77	0.84	1621.09	9.93	1570.07	10.78	1688.09	13.23	1688.1	13.2	3.2%	MP175_81
0.38	3.7185	2.96	0.2623	1.49	0.92	1575.37	23.43	1501.55	19.96	1675.84	30.97	1675.8	31.0	4.8%	MP175_6
0.26	3.7139	0.84	0.2650	0.63	0.86	1574.38	6.72	1515.42	8.51	1654.42	8.10	1654.4	8.1	3.8%	MP175_85
0.64	3.6140	1.64	0.2613	1.10	0.74	1552.62	12.97	1496.28	14.69	1630.25	20.35	1630.3	20.3	3.7%	MP175_89
0.18	3.6885	1.50	0.2677	1.28	0.93	1568.88	11.94	1529.17	17.41	1622.88	10.28	1622.9	10.3	2.6%	MP175_60
0.30	3.7579	2.14	0.2761	1.08	0.95	1583.80	17.00	1571.81	14.99	1599.78	21.70	1599.8	21.7	0.8%	MP175_3
0.85	3.4704	1.38	0.2564	0.81	0.85	1520.51	10.80	1471.44	10.70	1589.62	15.02	1589.6	15.0	3.3%	MP175_96
0.34	3.6445	1.71	0.2703	0.65	1.00	1559.31	13.51	1542.09	8.89	1582.84	19.69	1582.8	19.7	1.1%	MP175_112
0.36	3.3948	1.18	0.2528	1.07	0.92	1503.20	9.25	1452.66	13.89	1575.30	8.44	1575.3	8.4	3.4%	MP175_17
0.45	3.2829	2.24	0.2459	0.91	0.99	1477.00	17.27	1417.16	11.60	1564.21	25.03	1564.2	25.0	4.1%	MP175_12
1.18	3.3463	2.69	0.2508	1.80	0.84	1491.94	20.84	1442.36	23.27	1563.21	28.53	1563.2	28.5	3.4%	MP175_101
0.27	3.4721	1.70	0.2616	0.63	1.01	1520.89	13.35	1498.19	8.39	1552.75	19.91	1552.8	19.9	1.5%	MP175_110
0.30	3.5145	1.26	0.2650	0.74	0.88	1530.47	9.92	1515.59	9.97	1551.22	13.09	1551.2	13.1	1.0%	MP175_97
0.60	3.3714	1.36	0.2543	1.08	0.89	1497.77	10.60	1460.59	14.07	1550.85	11.71	1550.9	11.7	2.5%	MP175_31
0.41	3.1814	1.46	0.2405	1.23	0.93	1452.64	11.22	1389.41	15.37	1546.58	10.37	1546.6	10.4	4.4%	MP175_59
0.24	3.4520	1.73	0.2619	0.65	0.99	1516.32	13.51	1499.77	8.73	1539.64	20.30	1539.6	20.3	1.1%	MP175_115
0.26	3.3493	1.56	0.2547	1.35	0.92	1492.64	12.12	1462.74	17.61	1535.46	11.52	1535.5	11.5	2.0%	MP175_77
0.31	3.0201	1.91	0.2312	1.57	0.87	1412.72	14.45	1340.87	18.93	1522.89	17.45	1522.9	17.4	5.2%	MP175_78
0.50	3.2333	1.15	0.2478	0.94	0.90	1465.19	8.86	1427.03	12.08	1521.06	9.46	1521.1	9.5	2.6%	MP175_43
0.43	3.2627	1.69	0.2520	1.62	0.97	1472.21	13.07	1448.62	20.94	1506.50	8.30	1506.5	8.3	1.6%	MP175_70
1.05	3.1670	1.96	0.2450	0.87	0.87	1449.15	14.98	1412.61	11.09	1503.29	23.86	1503.3	23.9	2.6%	MP175_107
0.18	2.8936	2.49	0.2251	1.65	0.91	1380.25	18.61	1308.55	19.47	1492.93	22.43	1492.9	22.4	5.3%	MP175_2
0.26	2.7006	2.61	0.2107	2.03	0.92	1328.62	19.13	1232.75	22.75	1486.79	20.72	1486.8	20.7	7.5%	MP175_104
0.23	3.1758	1.67	0.2485	1.46	0.91	1451.30	12.82	1430.63	18.72	1481.81	12.79	1481.8	12.8	1.4%	MP175_27
0.26	3.0950	1.74	0.2423	1.53	0.94	1431.44	13.24	1398.48	19.18	1480.90	11.24	1480.9	11.2	2.3%	MP175_23
0.20	3.3365	1.73	0.2616	1.51	0.94	1489.64	13.42	1498.10	20.20	1477.74	11.47	1477.7	11.5	-0.6%	MP175_22
0.08	3.2067	1.66	0.2528	1.48	0.95	1458.78	12.75	1453.06	19.17	1467.24	9.73	1467.2	9.7	0.4%	MP175_21
0.23	2.8145	1.09	0.2236	0.82	0.89	1359.40	8.17	1300.86	9.63	1452.78	9.89	1452.8	9.9	4.4%	MP175_38
0.61	2.8009	2.33	0.2234	1.26	0.90	1355.78	17.29	1299.96	14.87	1444.92	24.67	1444.9	24.7	4.2%	MP175_1
0.36	2.9887	1.26	0.2388	0.68	0.87	1404.74	9.55	1380.64	8.50	1441.62	14.13	1441.6	14.1	1.7%	MP175_98
0.70	2.8158	2.09	0.2269	1.10	0.84	1359.74	15.55	1318.35	13.14	1425.54	24.77	1425.5	24.8	3.1%	MP175_111
0.40	2.7663	1.57	0.2250	1.12	0.86	1346.49	11.61	1308.36	13.20	1407.66	15.64	1407.7	15.6	2.9%	MP175_48
0.34	2.8035	1.48	0.2299	1.11	0.85	1356.48	11.00	1334.11	13.32	1392.00	14.98	1392.0	15.0	1.7%	MP175_32A
0.34	2.6062	1.67	0.2146	1.31	0.86	1302.39	12.17	1253.38	14.95	1384.12	16.60	1384.1	16.6	3.8%	MP175_91
0.16	2.8262	1.35	0.2345	0.											

0.45	2.0197	1.89	0.1819	1.39	0.85	1122.17	12.74	1077.15	13.74	1210.51	19.69	1210.5	19.7	4.1%	MP175_99
0.36	2.0612	1.36	0.1857	1.14	0.93	1136.03	9.22	1097.99	11.53	1209.57	10.07	1209.6	10.1	3.4%	MP175_51
0.22	2.0565	1.10	0.1900	0.93	0.92	1134.45	7.48	1121.31	9.56	1159.80	8.55	1159.8	8.6	1.2%	MP175_41
0.19	1.9980	1.48	0.1862	1.19	0.89	1114.84	9.95	1100.70	12.01	1142.66	13.47	1142.7	13.5	1.3%	MP175_55
0.13	1.7890	1.63	0.1679	1.17	0.86	1041.44	10.58	1000.57	10.85	1128.32	17.10	1128.3	17.1	4.0%	MP175_47
0.46	1.6452	2.70	0.1544	1.24	0.85	987.73	16.92	925.81	10.67	1128.13	34.76	1128.1	34.8	6.5%	MP175_15
0.40	1.6954	2.08	0.1612	1.34	0.73	1006.82	13.19	963.42	12.00	1102.62	28.41	1102.6	28.4	4.4%	MP175_18
0.21	1.7152	2.17	0.1659	0.74	1.07	1014.24	13.81	989.74	6.83	1067.68	26.61	1067.7	26.6	2.4%	MP175_11
0.31	1.6645	1.46	0.1617	1.00	0.76	995.07	9.21	966.28	8.94	1059.20	19.12	1059.2	19.1	2.9%	MP175_88
0.31	1.6030	1.53	0.1568	1.09	0.80	971.38	9.52	939.22	9.49	1044.99	18.54	1045.0	18.5	3.4%	MP175_45
0.25	1.5748	2.01	0.1567	1.40	0.80	960.30	12.39	938.22	12.20	1011.41	24.74	1011.4	24.7	2.3%	MP175_61
0.28	1.5530	1.97	0.1546	1.57	0.91	951.69	12.09	926.78	13.50	1009.98	16.77	1010.0	16.8	2.7%	MP175_65
0.12	1.6150	2.17	0.1617	1.09	0.94	976.04	13.53	966.34	9.79	997.91	24.40	997.9	24.4	1.0%	MP175_4
0.23	1.5312	1.90	0.1554	1.43	0.89	942.99	11.62	931.42	12.38	970.12	18.62	970.1	18.6	1.2%	MP175_120
0.55	1.5615	1.80	0.1490	1.39	0.86	955.06	11.09	895.13	11.61	1096.01	18.67	895.1	11.6	6.5%	MP175_56
0.39	1.5502	1.50	0.1443	1.24	0.91	950.56	9.21	868.98	10.10	1144.68	12.59	869.0	10.1	9.0%	MP175_49
0.24	1.4021	2.02	0.1423	1.61	0.91	889.84	11.90	857.93	12.91	970.24	17.55	857.9	12.9	3.7%	MP175_64
0.30	1.4057	1.36	0.1423	1.13	0.91	891.35	8.02	857.72	9.08	975.81	11.50	857.7	9.1	3.8%	MP175_92
0.55	1.2997	1.16	0.1376	0.86	0.88	845.60	6.63	831.12	6.70	883.91	11.89	831.1	6.7	1.7%	MP175_37
0.18	1.4591	1.30	0.1376	1.02	0.89	913.65	7.80	831.08	7.94	1118.89	11.93	831.1	7.9	9.5%	MP175_36
0.59	1.1629	3.05	0.1291	1.48	0.90	783.34	16.52	782.92	10.89	784.71	37.87	782.9	10.9	0.1%	MP175_7
0.29	1.1546	1.64	0.1243	1.30	0.87	779.42	8.87	755.27	9.23	849.35	16.72	755.3	9.2	3.1%	MP175_53
0.29	1.0947	1.80	0.1186	1.38	0.91	750.79	9.48	722.38	9.44	836.39	16.16	722.4	9.4	3.9%	MP175_118
0.22	1.0165	1.69	0.1145	1.60	0.96	712.14	8.59	698.75	10.56	754.70	10.07	698.7	10.6	1.9%	MP175_67
0.11	0.9970	1.64	0.1077	1.43	0.92	702.26	8.29	659.18	8.96	842.78	13.25	659.2	9.0	6.3%	MP175_79A
0.12	0.8415	2.11	0.0998	0.89	0.82	619.98	9.74	613.05	5.22	645.49	31.12	613.0	5.2	1.1%	MP175_114
0.21	0.8081	2.36	0.0964	1.52	0.86	601.39	10.64	593.48	8.59	631.41	27.92	593.5	8.6	1.3%	MP175_106
0.16	0.7303	2.79	0.0885	1.17	0.98	556.75	11.91	546.42	6.11	599.41	35.67	546.4	6.1	1.9%	MP175_10
0.38	0.5667	1.78	0.0738	1.54	0.92	455.88	6.53	459.03	6.80	440.17	15.25	459.0	6.8	-0.7%	MP175_20
0.61	0.5797	1.88	0.0736	1.46	0.84	464.26	6.97	457.88	6.47	496.08	22.20	457.9	6.5	1.4%	MP175_75
0.22	0.5617	1.56	0.0707	1.26	0.90	452.62	5.69	440.29	5.37	515.91	15.40	440.3	5.4	2.8%	MP175_58
0.41	0.2901	1.89	0.0410	1.38	0.81	258.65	4.31	259.22	3.51	253.57	25.68	259.2	3.5	-0.2%	MP175_73
0.43	0.2861	1.85	0.0405	1.43	0.84	255.49	4.16	256.08	3.58	250.17	23.07	256.1	3.6	-0.2%	MP175_74
0.35	0.2781	1.87	0.0386	1.48	0.85	249.17	4.13	244.38	3.55	294.64	22.72	244.4	3.5	1.9%	MP175_26
0.52	0.2088	2.44	0.0275	1.78	0.78	192.57	4.26	175.14	3.08	412.07	33.76	175.1	3.1	9.5%	MP175_68
0.50	0.1835	2.92	0.0275	1.46	0.82	171.08	4.58	174.79	2.52	120.10	44.60	174.8	2.5	-2.1%	MP175_5
0.30	0.1707	2.82	0.0241	1.69	0.69	160.05	4.17	153.35	2.57	260.38	46.64	153.4	2.6	4.3%	MP175_93A
0.36	0.1607	2.66	0.0229	1.58	0.71	151.33	3.74	145.89	2.28	237.59	43.34	145.9	2.3	3.7%	MP175_50
0.32	0.1663	1.84	0.0229	1.24	0.78	156.17	2.66	145.81	1.79	316.49	26.22	145.8	1.8	6.9%	MP175_33
0.19	0.0858	2.64	0.0133	1.18	0.65	83.58	2.12	85.24	1.00	29.58	55.17	85.2	1.0	-2.0%	MP175_95
0.36	0.0808	2.18	0.0118	1.23	0.67	78.85	1.65	75.67	0.93	176.70	37.53	75.7	0.9	4.1%	MP175_16
0.27	0.0642	2.95	0.0097	1.74	0.77	63.22	1.81	62.35	1.08	96.17	45.64	62.3	1.1	1.4%	MP175_102
0.18	0.0633	2.56	0.0092	1.38	0.66	62.36	1.55	58.98	0.81	194.09	44.69	59.0	0.8	5.6%	MP175_19
0.61	0.0505	2.20	0.0077	1.17	0.64	50.03	1.07	49.19	0.57	89.77	40.56	49.2	0.6	1.7%	MP175_86
0.30	0.0496	3.54	0.0074	1.71	0.65	49.17	1.70	47.38	0.81	137.49	63.68	47.4	0.8	3.7%	MP175_46
0.54	0.0484	1.98	0.0071	1.03	0.63	48.04	0.93	45.86	0.47	157.99	35.90	45.9	0.5	4.6%	MP175_87

08YEM03	lower Miocene Carbonera Formation, C2 member (N=78)	5.43793°N	72.44912°W
0.44	4.3168	3.54	0.2791
0.31	4.9076	3.43	0.3196
0.28	4.7007	1.51	0.3068
0.28	4.7407	2.25	0.3114
0.44	4.6298	0.87	0.3044
0.44	4.6732	1.24	0.3080
0.10	4.7896	1.14	0.3170
0.38	4.2643	3.52	0.2827
0.39	4.3356	1.07	0.2878
0.21	3.9812	2.23	0.2652
0.48	4.5043	0.92	0.3005
0.31	4.7003	0.74	0.3137
0.32	4.5630	3.35	0.3054
0.68	4.0133	3.26	0.2689
0.28	4.3232	0.98	0.2916
0.36	4.6443	1.84	0.3169
0.46	4.4653	2.89	0.3074
0.31	3.5421	2.94	0.2525
0.56	3.3214	2.46	0.2381
0.55	3.5078	1.54	0.2589
0.28	3.4017	3.30	0.2511
1.06	3.2634	3.25	0.2419
0.31	3.3270	3.88	0.2473
0.71	3.1251	2.58	0.2327
1.26	3.3443	1.27	0.2491
1.22	3.5045	2.90	0.2613
1.16	3.2621	3.83	0.2440
0.37	3.3865	2.89	0.2538
0.42	3.3332	2.55	0.2504
0.33	3.2598	1.38	0.2462
0.64	3.3562	2.87	0.2546
0.37	3.3865	1.38	0.2462
0.42	3.3332	2.55	0.2504
0.33	3.2598	1.38	0.2462
0.64	3.3562	2.87	0.2546
1.07	1.06	1494.24	22.20
1.07	1.06	1494.24	14.01

0.24	3.2879	3.47	0.2494	2.48	0.91	1478.20	26.67	1435.47	31.90	1539.93	29.68	1539.9	29.7	2.9%	08YEM03_41
0.91	3.4316	1.23	0.2611	1.08	0.90	1511.66	9.64	1495.41	14.43	1534.61	10.08	1534.6	10.1	1.1%	08YEM03_24
0.84	3.4080	1.40	0.2598	1.17	0.87	1506.24	10.95	1488.74	15.58	1531.03	13.09	1531.0	13.1	1.2%	08YEM03_21
0.87	3.2560	3.19	0.2487	2.15	0.91	1470.60	24.47	1431.63	27.53	1527.15	28.34	1527.1	28.3	2.7%	08YEM03_49
0.45	3.4794	2.56	0.2658	1.99	0.92	1522.55	19.97	1519.57	26.91	1526.79	20.10	1526.8	20.1	0.2%	08YEM03_83
0.55	3.4926	3.46	0.2672	1.30	1.06	1525.54	26.93	1526.37	17.63	1524.31	37.90	1524.3	37.9	-0.1%	08YEM03_80
0.56	3.3297	0.89	0.2548	0.66	0.84	1488.05	6.94	1463.37	8.64	1523.50	9.30	1523.5	9.3	1.7%	08YEM03_16
0.38	3.3287	2.61	0.2548	2.06	0.92	1487.81	20.20	1463.08	26.91	1523.33	20.17	1523.3	20.2	1.7%	08YEM03_88
0.58	3.2946	1.20	0.2522	0.84	0.83	1479.78	9.31	1449.67	10.90	1523.33	12.84	1523.3	12.8	2.1%	08YEM03_56
0.43	3.2739	3.12	0.2506	2.09	0.91	1474.86	24.02	1441.41	26.98	1523.17	27.56	1523.2	27.6	2.3%	08YEM03_50
0.33	3.3346	0.99	0.2553	0.77	0.85	1489.19	7.70	1465.86	10.08	1522.68	9.74	1522.7	9.7	1.6%	08YEM03_17
0.88	3.4760	3.52	0.2661	1.37	1.03	1521.79	27.35	1521.20	18.54	1522.52	38.65	1522.5	38.6	0.0%	08YEM03_77
0.41	3.3199	3.24	0.2544	2.20	0.91	1485.74	24.97	1461.15	28.65	1520.85	28.94	1520.8	28.9	1.7%	08YEM03_42
0.47	3.2876	3.36	0.2523	2.36	0.91	1478.12	25.82	1450.14	30.53	1518.42	29.09	1518.4	29.1	1.9%	08YEM03_34
0.30	2.7829	3.50	0.2137	3.02	0.94	1350.95	25.79	1248.69	34.17	1516.85	23.40	1516.8	23.4	7.9%	08YEM03_87
0.44	3.2265	3.13	0.2487	2.10	0.91	1463.55	24.01	1431.63	26.93	1510.02	27.72	1510.0	27.7	2.2%	08YEM03_47
0.43	3.3706	2.83	0.2607	1.03	1.08	1497.60	21.91	1493.21	13.66	1504.04	31.08	1504.0	31.1	0.3%	08YEM03_8
0.44	3.2494	3.37	0.2513	2.36	0.91	1469.02	25.81	1444.99	30.46	1503.83	29.38	1503.8	29.4	1.6%	08YEM03_33
0.80	3.3523	2.44	0.2594	1.93	0.90	1493.33	18.88	1486.68	25.64	1502.95	20.16	1503.0	20.2	0.4%	08YEM03_98
0.84	3.2641	3.45	0.2534	2.39	0.90	1472.55	26.46	1455.89	31.12	1496.54	31.15	1496.5	31.2	1.1%	08YEM03_31
0.42	3.1195	0.87	0.2450	0.57	0.85	1437.50	6.65	1412.84	7.18	1474.29	9.13	1474.3	9.1	1.7%	08YEM03_53
0.60	3.0299	1.27	0.2450	1.08	0.88	1415.19	9.62	1412.59	13.68	1419.22	11.47	1419.2	11.5	0.2%	08YEM03_22
0.31	2.6943	2.45	0.2232	1.90	0.89	1326.90	17.99	1298.53	22.33	1373.18	21.90	1373.2	21.9	2.2%	08YEM03_94
0.25	2.6759	3.22	0.2221	2.16	0.91	1321.83	23.52	1292.81	25.29	1369.03	29.62	1369.0	29.6	2.2%	08YEM03_43
0.46	2.2366	3.58	0.1892	1.62	0.98	1192.61	24.79	1116.81	16.64	1332.64	38.43	1332.6	38.4	6.6%	08YEM03_76
0.35	2.4646	3.42	0.2116	2.33	0.90	1261.71	24.39	1237.20	26.22	1303.63	32.34	1303.6	32.3	2.0%	08YEM03_39
0.22	2.3708	1.55	0.2074	1.26	0.86	1233.85	10.98	1215.07	13.93	1266.90	15.21	1266.9	15.2	1.5%	08YEM03_14
0.24	2.2665	1.42	0.2066	0.85	0.81	1201.93	9.95	1210.89	9.37	1185.98	17.44	1186.0	17.4	-0.7%	08YEM03_69
0.19	1.8315	2.10	0.1741	1.37	0.79	1056.81	13.69	1034.64	13.09	1103.01	26.16	1103.0	26.2	2.1%	08YEM03_63
0.18	1.6464	3.22	0.1628	2.22	0.92	988.17	20.12	972.59	20.05	1022.83	29.53	1022.8	29.5	1.6%	08YEM03_40
0.25	1.6221	2.63	0.1616	2.12	0.90	978.79	16.41	965.73	19.01	1008.39	23.27	1008.4	23.3	1.3%	08YEM03_100
0.16	1.6149	2.66	0.1612	1.53	0.73	976.01	16.56	963.23	13.63	1004.97	37.61	1005.0	37.6	1.3%	08YEM03_61
0.27	1.4244	3.22	0.1409	2.74	0.91	899.21	19.02	849.53	21.79	1023.50	27.20	849.5	21.8	5.7%	08YEM03_62
0.19	1.2127	1.87	0.1239	1.50	0.87	806.41	10.35	752.98	10.65	957.07	18.59	753.0	10.7	6.9%	08YEM03_59
0.34	0.8885	2.56	0.1025	1.43	0.68	645.54	12.17	628.83	8.59	704.56	39.90	628.8	8.6	2.6%	08YEM03_13
0.42	0.8942	3.85	0.0991	1.63	0.94	648.60	18.30	608.91	9.44	789.22	49.16	608.9	9.4	6.3%	08YEM03_75
0.82	0.1994	3.27	0.0273	1.44	0.62	184.65	5.51	173.63	2.46	328.18	58.64	173.6	2.5	6.2%	08YEM03_20
0.42	0.1660	2.31	0.0247	1.37	0.69	155.93	3.34	157.23	2.12	136.37	39.27	157.2	2.1	-0.8%	08YEM03_27
0.50	0.1667	4.23	0.0236	2.50	0.80	156.59	6.13	150.63	3.72	247.57	60.34	150.6	3.7	3.9%	08YEM03_37
0.20	0.1657	1.82	0.0236	1.20	0.73	155.72	2.62	150.37	1.78	238.06	28.39	150.4	1.8	3.5%	08YEM03_26
0.46	0.1449	3.18	0.0216	1.62	0.67	137.40	4.08	137.73	2.21	131.86	55.89	137.7	2.2	-0.2%	08YEM03_55
0.21	0.1372	3.30	0.0215	1.60	0.66	130.52	4.04	136.91	2.16	16.82	59.47	136.9	2.2	-4.8%	08YEM03_52
0.43	0.0761	3.05	0.0116	1.50	0.64	74.45	2.19	74.35	1.11	77.55	55.64	74.4	1.1	0.1%	08YEM03_12
0.19	0.0674	3.15	0.0094	2.05	0.81	66.27	2.02	60.41	1.23	283.56	43.29	60.4	1.2	9.3%	08YEM03_85
0.18	0.0609	4.02	0.0089	1.91	0.65	60.06	2.34	57.19	1.09	176.30	71.60	57.2	1.1	4.9%	08YEM03_58
0.14	0.0629	4.66	0.0089	1.97	0.78	61.97	2.80	57.17	1.12	251.67	75.55	57.2	1.1	8.1%	08YEM03_4
0.15	0.0530	6.22	0.0077	3.35	0.73	52.46	3.18	49.74	1.66	178.65	100.04	49.7	1.7	5.3%	08YEM03_48

T02170	lower Miocene Carbonera Formation, C1 member (N=114)	4.77121°N	73.17302°W												
0.55	4.3190	1.48	0.2760	1.05	0.87	1697.00	12.14	1571.06	14.61	1856.38	13.71	1856.4	13.7	7.7%	T02170_85
0.47	5.4287	0.59	0.3479	0.49	0.84	1889.39	5.03	1924.79	8.08	1850.82	5.76	1850.8	5.8	-1.9%	T02170_46
0.43	5.2039	3.08	0.3450	1.66	0.88	1853.25	25.90	1910.81	27.43	1789.69	32.31	1789.7	32.3	-3.1%	T02170_99
0.40	4.4369	1.41	0.2971	0.94	0.86	1719.26	11.63	1677.14	13.88	1771.07	13.98	1771.1	14.0	2.5%	T02170_77
0.46	5.0628	1.90	0.3399	0.82	0.92	1829.90	15.98	1886.07	13.44	1766.66	21.48	1766.7	21.5	-3.0%	T02170_11
0.45	4.6828	0.91	0.3209	0.86	0.94	1764.16	7.61	1794.24	13.42	1728.85	5.65	1728.8	5.6	-1.7%	T02170_47
0.36	4.7409	1.75	0.3253	1.30	0.89	1774.51	14.54	1815.71	20.52	1726.54	15.38	1726.5	15.4	-2.3%	T02170_5
0.36	4.4592	2.33	0.3083	1.61	0.88	1723.42	19.18	1732.45	24.34	1712.76	21.71	1712.8	21.7	-0.5%	T02170_93
0.35	4.5076	1.77	0.3181	1.39	0.91	1732.38	14.60	1780.67	21.59	1674.59	13.92	1674.6	13.9	-2.7%	T02170_22
0.25	3.9594	3.37	0.2948	1.38	0.94	1625.91	26.98	1665.57	20.29	1753.34	39.42	1575.3	39.4	-2.4%	T02170_105
0.25	3.6160	0.99	0.2699	0.94	0.96	1553.06	7.88	1540.20	12.89	1570.72	5.19	1570.7	5.2	0.8%	T02170_56
0.16	3.9093	1.81	0.2927	0.71	0.98	1615.60	14.51	1654.79	10.41	1564.99	20.84	1565.0	20.8	-2.4%	T02170_7
0.66	3.6950	2.30	0.2776	1.14	0.81	1570.29	18.22	1579.34	15.90	1558.24	28.43	1558.2	28.4	-0.6%	T02170_9
0.26	3.9185	1.79	0.2959	1.42	0.91	1617.51	14.42	1670.95	20.82	1548.71	14.29	1548.7	14.3	-3.2%	T02170_24
0.30	3.8799	1.89	0.2930	0.97	0.87	1609.50	15.17	1656.74	14.09	1548.42	21.50	1548.4	21.5	-2.9%	T02170_112
0.51	3.8361	1.48	0.2898	0.94	0.82	1600.35	11.84	1640.55	13.57	1547.94	16.				

0.27	3.4311	3.32	0.2740	1.26	0.97	1511.54	25.77	1561.19	17.50	1443.03	39.98	1443.0	40.0	-3.2%	T02170_103
0.25	2.8929	2.04	0.2320	1.19	0.85	1380.05	15.27	1344.86	14.43	1435.12	22.59	1435.1	22.6	2.6%	T02170_108
0.59	3.3685	1.72	0.2704	0.74	0.86	1497.11	13.35	1542.82	10.09	1433.07	21.79	1433.1	21.8	-3.0%	T02170_43
0.32	3.2055	1.12	0.2597	0.94	0.86	1458.49	8.67	1488.43	12.46	1415.26	11.08	1415.3	11.1	-2.0%	T02170_55
0.31	2.9915	1.64	0.2431	1.13	0.86	1405.45	12.38	1402.71	14.25	1409.70	16.66	1409.7	16.7	0.2%	T02170_64
0.62	3.0604	1.88	0.2509	0.92	0.87	1422.84	14.27	1443.27	11.89	1392.60	22.15	1392.6	22.1	-1.4%	T02170_107
0.49	2.8664	1.67	0.2355	0.78	0.88	1373.14	12.49	1363.32	9.60	1388.52	20.07	1388.5	20.1	0.7%	T02170_39
0.37	2.9755	3.10	0.2461	1.70	0.88	1401.38	23.32	1418.13	21.58	1376.43	34.20	1376.4	34.2	-1.2%	T02170_96
0.26	3.0228	1.55	0.2504	1.07	0.88	1413.38	11.78	1440.33	13.76	1373.09	15.37	1373.1	15.4	-1.9%	T02170_62
0.20	3.1266	1.60	0.2591	0.64	0.92	1439.25	12.25	1485.26	8.52	1371.97	19.94	1372.0	19.9	-3.1%	T02170_31
0.45	2.9606	1.31	0.2455	0.68	0.87	1397.58	9.87	1415.35	8.65	1370.67	15.09	1370.7	15.1	-1.3%	T02170_65
0.34	2.9171	1.63	0.2439	1.20	0.90	1386.36	12.28	1407.14	15.12	1354.71	14.88	1354.7	14.9	-1.5%	T02170_6
0.26	2.9702	1.65	0.2490	1.01	0.77	1400.03	12.48	1433.35	12.94	1349.78	20.81	1349.8	20.8	-2.4%	T02170_83
0.28	2.9115	3.33	0.2484	1.25	0.96	1384.91	24.87	1430.28	16.01	1316.05	41.16	1316.1	41.2	-3.2%	T02170_102
0.31	2.8351	1.91	0.2424	1.55	0.91	1364.87	14.26	1399.38	19.41	1311.30	15.44	1311.3	15.4	-2.5%	T02170_23
0.35	2.9997	1.70	0.2567	0.86	0.87	1407.53	12.90	1473.01	11.35	1309.82	20.18	1309.8	20.2	-4.5%	T02170_40
0.32	2.7246	1.88	0.2359	1.13	0.85	1335.18	13.86	1365.49	13.84	1286.98	21.04	1287.0	21.0	-2.2%	T02170_33
0.32	2.5409	2.03	0.2207	1.06	0.89	1283.84	14.69	1285.40	12.30	1281.38	23.02	1281.4	23.0	-0.1%	T02170_13
0.25	2.4247	1.48	0.2170	0.96	0.83	1249.94	10.57	1265.85	10.98	1222.76	16.90	1222.8	16.9	-1.3%	T02170_80
0.49	2.5093	1.58	0.2250	0.60	0.94	1274.73	11.44	1308.04	7.08	1219.10	20.38	1219.1	20.4	-2.6%	T02170_34
0.35	2.3185	2.37	0.2082	1.62	0.87	1217.96	16.65	1219.11	17.92	1216.24	24.11	1216.2	24.1	-0.1%	T02170_86
0.36	1.9316	1.62	0.1754	0.61	0.92	1092.08	10.78	1041.91	5.83	1193.61	21.33	1193.6	21.3	4.7%	T02170_38
0.71	2.2995	2.46	0.2098	1.38	0.81	1212.12	17.25	1227.79	15.44	1184.48	30.41	1184.5	30.4	-1.3%	T02170_16
0.62	1.8582	2.95	0.1709	1.72	0.81	1066.36	19.28	1017.32	16.18	1168.10	36.08	1168.1	36.1	4.7%	T02170_119
0.30	2.2623	1.85	0.2083	1.45	0.90	1200.63	12.93	1219.93	16.09	1166.12	16.20	1166.1	16.2	-1.6%	T02170_27
0.53	2.0308	2.45	0.1887	1.83	0.83	1125.90	16.53	1114.31	18.72	1148.37	26.93	1148.4	26.9	1.0%	T02170_30
0.21	2.0542	1.86	0.1922	1.50	0.92	1133.68	12.65	1133.55	15.56	1134.00	15.29	1134.0	15.3	0.0%	T02170_21
0.14	1.9405	3.38	0.1822	1.31	0.94	1095.19	22.41	1079.17	12.97	1127.56	43.08	1127.6	43.1	1.5%	T02170_101
0.33	1.9309	2.05	0.1871	1.23	0.81	1091.84	13.61	1105.59	12.51	1064.71	25.54	1064.7	25.5	-1.3%	T02170_68
0.26	1.9586	1.77	0.1903	0.98	0.84	1101.41	11.85	1123.25	10.12	1058.73	21.65	1058.7	21.7	-2.0%	T02170_67
0.28	1.9503	3.29	0.1897	0.00	1.78	1098.55	21.82	1119.60	18.25	1057.58	40.11	1057.6	40.1	-1.9%	T02170_94
0.17	1.8605	2.14	0.1812	1.11	0.86	1067.16	14.02	1073.75	11.00	1053.87	26.06	1053.9	26.1	-0.6%	T02170_14
0.22	1.9282	0.03	0.1879	0.00	0.83	1090.90	11.66	1109.96	12.01	1053.15	20.37	1053.1	20.4	-1.7%	T02170_63
0.26	1.8115	3.48	0.1766	1.38	0.91	1049.61	22.55	1048.15	13.34	1050.07	45.68	1053.1	45.7	0.1%	T02170_100
0.20	1.6743	2.44	0.1632	1.10	0.57	998.82	15.39	974.38	9.94	1053.00	40.14	1053.0	40.1	2.5%	T02170_78
0.18	1.9172	0.03	0.1870	0.00	0.92	1087.08	10.78	1104.84	6.16	1051.77	21.90	1051.8	21.9	-1.6%	T02170_37
0.27	1.8540	2.80	0.1809	1.58	0.83	1064.87	18.27	1071.98	15.59	1050.34	34.47	1050.3	34.5	-0.7%	T02170_120
0.21	1.9007	0.94	0.1860	0.81	0.87	1081.35	6.26	1099.86	8.19	1044.37	9.38	1044.4	9.4	-1.7%	T02170_49
0.33	1.8057	1.67	0.1768	0.61	0.90	1047.51	10.83	1049.32	5.88	1043.85	23.07	1043.8	23.1	-0.2%	T02170_36
0.24	1.8371	2.06	0.1801	1.07	0.82	1058.82	13.44	1067.27	10.54	1041.65	26.44	1041.6	26.4	-0.8%	T02170_109
0.21	1.7472	1.75	0.1719	1.10	0.77	1026.13	11.23	1022.70	10.41	1033.58	22.87	1033.6	22.9	0.3%	T02170_84
0.31	1.8334	2.08	0.1805	1.08	0.82	1057.52	13.55	1069.48	10.66	1033.11	26.88	1033.1	26.9	-1.1%	T02170_111
1.38	1.7434	3.19	0.1717	1.77	0.87	1024.73	20.37	1021.53	16.68	1032.07	37.40	1032.1	37.4	0.3%	T02170_98
0.48	1.7858	2.63	0.1759	1.48	0.86	1040.31	16.96	1044.37	14.28	1031.79	31.00	1031.8	31.0	-0.4%	T02170_117
0.25	1.7628	1.80	0.1740	0.97	0.85	1031.86	11.57	1033.92	9.24	1027.58	22.11	1027.6	22.1	-0.2%	T02170_42
0.33	1.8013	1.20	0.1781	1.03	0.88	1045.94	7.78	1056.38	10.05	1024.34	11.42	1024.3	11.4	-1.0%	T02170_51
0.28	1.8730	2.00	0.1858	1.56	0.89	1071.58	13.18	1098.51	15.77	1017.25	19.15	1017.3	19.1	-2.5%	T02170_25
0.19	1.8187	1.72	0.1805	1.25	0.88	1052.21	11.23	1069.66	12.35	1016.36	17.38	1016.4	17.4	-1.6%	T02170_1
0.26	1.7243	2.71	0.1713	1.81	0.82	1017.62	17.26	1019.08	17.01	1014.82	32.04	1014.8	32.0	-0.1%	T02170_87
0.17	1.8663	1.73	0.1854	1.46	0.86	1069.21	11.39	1096.48	14.75	1014.10	17.84	1014.1	17.8	-2.5%	T02170_53
0.33	1.7978	2.11	0.1786	0.97	0.85	1044.66	13.69	1059.53	9.47	1013.77	27.83	1013.8	27.8	-1.4%	T02170_8
0.29	1.8167	1.32	0.1808	1.16	0.89	1051.50	8.60	1071.56	11.43	1010.18	12.03	1010.2	12.0	-1.9%	T02170_58
0.22	2.0035	1.63	0.1995	0.99	0.78	1116.69	10.97	1172.63	10.64	1009.50	21.39	1009.5	21.4	-4.9%	T02170_82
0.31	1.8202	1.96	0.1815	1.55	0.90	1052.74	12.77	1075.36	15.31	1006.18	18.00	1006.2	18.0	-2.1%	T02170_29
0.13	1.8711	0.95	0.1867	0.84	0.91	1070.94	6.25	1103.23	8.51	1005.88	8.01	1005.9	8.0	-3.0%	T02170_60
0.36	1.8672	3.27	0.1865	0.00	1.74	1069.53	21.40	1102.49	17.60	1003.41	40.61	1003.4	40.6	-3.0%	T02170_95
0.21	1.7866	0.88	0.1785	0.72	0.84	1040.60	5.69	1058.99	7.06	1002.31	9.67	1002.3	9.7	-1.8%	T02170_48
0.24	1.7482	1.60	0.1749	0.65	0.92	1026.50	10.26	1038.81	6.28	1000.44	20.76	1000.4	20.8	-1.2%	T02170_41
0.29	1.8333	0.78	0.1836	0.58	0.76	1057.46	5.11	1086.73	5.76	997.64	10.26	997.6	10.3	-2.7%	T02170_44
0.20	1.7801	2.64	0.1788	1.50	0.86	1038.23	17.02	1060.38	14.65	991.89	31.24	991.9	31.2	-2.1%	T02170_116
0.22	1.7804	2.12	0.1790	0.94	0.86	1038.33	13.66	1061.75	9.22	989.47	28.03	989.5	28.0	-2.2%	T02170_20
0.25	1.6649	1.77	0.1681	1.29	0.87	995.25	11.16	1001.53	11.95	981.62	18.13	981.6	18.1	-0.6%	T02170_4
0.34	1.8396	1.74	0.1858	0.72	0.85	1059.72	11.37	1098.84	7.29	980.09	24.00	980.1	24.0	-3.6%	T02170_35
0.25	1.8005	1.91	0.1821	1.30	0.83	1045.65	12.38	1078.61	12.92	977.58	22.42	977.6	22.4	-3.1%	T02170_2
0.24	1.6538	2.08	0.1674	0.97	0.87	991.00	13.07	997.64	8.94	976.47	26.73	976.5	26.7	-0.7%	T02170_17
0.31	1.7400</														

0.54	0.9244	2.16	0.1072	1.25	0.69	664.66	10.50	656.23	7.77	693.52	33.62	656.2	7.8	1.3%	T02170_79
0.46	0.8570	2.53	0.1038	1.75	0.86	628.47	11.78	636.47	10.59	600.14	29.21	636.5	10.6	-1.3%	T02170_92
0.66	0.8380	0.91	0.1014	0.54	0.63	618.04	4.21	622.35	3.20	602.40	15.22	622.4	3.2	-0.7%	T02170_45
0.14	0.6435	2.12	0.0764	1.69	0.89	504.48	8.38	474.83	7.73	641.31	20.85	474.8	7.7	6.1%	T02170_28
0.52	0.4950	2.08	0.0642	1.26	0.82	408.34	6.98	401.17	4.90	449.21	28.15	401.2	4.9	1.8%	T02170_32
0.45	0.1825	2.88	0.0273	1.75	0.77	170.24	4.50	173.58	3.00	124.37	44.31	173.6	3.0	-1.9%	T02170_89
12080806, Miocene (?) unnamed unit (N=107). 5.87477°N 72.78185°W															
0.30	5.0185	8.90	0.3068	8.79	0.99	1822.45	72.71	1725.17	131.67	1935.00	23.72	1935.0	23.7	5.5%	12080806_20
0.45	4.8026	2.44	0.3202	1.21	0.64	1785.36	20.29	1790.47	18.84	1779.44	34.25	1779.4	34.2	-0.3%	12080806_10
0.43	4.7566	3.53	0.3212	1.71	0.96	1777.28	29.23	1795.53	26.69	1755.77	35.17	1755.8	35.2	-1.0%	12080806_59
0.42	4.4115	4.73	0.2992	4.68	0.99	1714.50	38.39	1687.23	69.11	1747.99	8.85	1748.0	8.9	1.6%	12080806_62
0.29	4.3138	1.81	0.3009	0.82	0.97	1696.01	14.84	1695.62	12.25	1696.55	18.86	1696.5	18.9	0.0%	12080806_95
0.32	3.9567	3.48	0.2862	1.61	0.98	1625.37	27.82	1622.43	23.02	1629.04	35.52	1629.0	35.5	0.2%	12080806_46
0.39	3.9441	1.24	0.2860	0.63	0.96	1622.78	10.01	1621.47	9.04	1624.58	12.26	1624.6	12.3	0.1%	12080806_108
0.36	3.9188	3.81	0.2865	1.37	1.10	1617.56	30.34	1624.16	19.64	1608.80	40.71	1608.8	40.7	-0.4%	12080806_45
0.91	3.7585	1.77	0.2762	0.85	0.92	1583.93	14.07	1572.30	11.82	1599.54	19.28	1599.5	19.3	0.7%	12080806_106
0.42	3.8015	1.90	0.2813	1.05	0.89	1593.07	15.18	1597.95	14.90	1586.71	20.00	1586.7	20.0	-0.3%	12080806_99
0.12	3.7602	1.81	0.2793	1.13	0.86	1584.30	14.41	1587.95	15.86	1579.53	19.08	1579.5	19.1	-0.2%	12080806_3
0.31	3.5711	3.18	0.2657	1.01	1.17	1543.12	24.93	1518.87	13.62	1576.51	35.26	1576.5	35.3	1.6%	12080806_30
0.34	4.1245	1.92	0.3092	1.13	0.81	1659.16	15.55	1736.88	17.18	1562.18	22.48	1562.2	22.5	-4.6%	12080806_7
0.27	3.5351	1.69	0.2661	0.98	0.85	1535.11	13.28	1521.13	13.21	1554.53	18.66	1554.5	18.7	0.9%	12080806_109
0.28	3.5188	3.48	0.2657	1.60	0.98	1531.45	27.11	1518.92	21.65	1548.65	35.84	1548.7	35.8	0.8%	12080806_51
0.33	3.5736	2.00	0.2711	1.69	0.94	1543.68	15.78	1546.55	23.20	1539.90	13.21	1539.9	13.2	-0.2%	12080806_115
0.21	3.6110	3.48	0.2743	1.61	0.98	1551.97	27.29	1562.36	22.24	1537.71	35.95	1537.7	36.0	-0.7%	12080806_57
0.41	3.5536	1.65	0.2700	1.26	0.92	1539.24	12.99	1540.71	17.24	1537.38	12.98	1537.4	13.0	-0.1%	12080806_118
0.21	3.5876	3.52	0.2730	1.67	0.97	1546.78	27.59	1556.05	23.06	1534.00	36.30	1534.0	36.3	-0.6%	12080806_60
0.35	3.4755	4.74	0.2647	4.68	0.99	1521.66	36.67	1513.75	62.89	1532.72	9.76	1532.7	9.8	0.5%	12080806_66
0.40	3.4873	4.54	0.2675	4.47	0.99	1524.35	35.21	1528.22	60.48	1518.95	11.50	1519.0	11.5	-0.3%	12080806_75
0.34	3.5114	1.62	0.2695	0.72	0.98	1529.79	12.70	1538.50	9.86	1517.85	17.34	1517.9	17.3	-0.6%	12080806_102
0.23	3.4349	2.56	0.2643	1.83	0.93	1512.42	19.97	1511.56	24.56	1513.93	20.72	1513.9	20.7	0.1%	12080806_87
0.57	3.3467	7.72	0.2583	7.42	0.98	1492.02	58.64	1481.00	97.46	1508.31	25.74	1508.3	25.7	0.7%	12080806_25
0.36	3.4368	2.59	0.2654	1.85	0.93	1512.86	20.14	1517.57	24.94	1506.57	20.92	1506.6	20.9	-0.3%	12080806_82
0.40	3.4625	3.21	0.2678	1.09	1.12	1518.72	24.99	1529.74	14.87	1503.40	35.64	1503.4	35.6	-0.7%	12080806_36
0.85	3.1936	5.12	0.2475	4.93	0.97	1455.61	38.87	1425.52	62.71	1499.83	21.95	1499.8	22.0	2.1%	12080806_64
0.25	3.4279	3.52	0.2664	1.65	0.97	1510.81	27.28	1522.61	22.30	1494.15	36.64	1494.2	36.6	-0.8%	12080806_54
0.35	3.3993	2.72	0.2646	1.59	0.93	1504.24	21.11	1513.39	21.41	1491.63	25.60	1491.6	25.6	-0.6%	12080806_78
0.75	3.1184	1.69	0.2434	1.23	0.90	1437.24	12.89	1404.34	15.45	1486.41	15.00	1486.4	15.0	2.3%	12080806_117
0.26	3.5216	8.87	0.2766	8.77	0.99	1532.08	67.85	1574.39	121.39	1473.59	23.39	1473.6	23.4	-2.7%	12080806_16
0.43	3.2744	2.05	0.2593	1.10	0.90	1474.98	15.84	1486.38	14.61	1458.67	21.87	1458.7	21.9	-0.8%	12080806_96
0.44	3.0979	3.50	0.2464	1.62	0.97	1432.17	26.54	1419.69	20.61	1450.61	36.82	1450.6	36.8	0.9%	12080806_53
0.22	3.0367	3.99	0.2426	3.66	0.97	1416.90	29.99	1400.43	45.95	1441.92	17.62	1441.9	17.6	1.2%	12080806_29
0.16	2.9489	3.80	0.2390	1.35	1.11	1394.56	28.38	1381.28	16.78	1414.74	41.67	1414.7	41.7	1.0%	12080806_39
0.42	2.9829	7.72	0.2425	7.42	0.98	1403.28	57.06	1399.82	92.64	1409.12	26.29	1409.1	26.3	0.2%	12080806_24
0.32	2.8171	4.77	0.2302	4.69	0.99	1360.11	35.09	1335.79	56.32	1398.55	12.69	1398.5	12.7	1.8%	12080806_61
0.27	3.0007	3.14	0.2457	0.96	1.21	1407.80	23.62	1416.07	12.20	1395.31	35.43	1395.3	35.4	-0.6%	12080806_38
0.29	2.8712	7.70	0.2370	7.41	0.99	1374.38	56.37	1371.26	90.86	1379.85	25.27	1379.8	25.3	0.2%	12080806_23
0.31	2.8340	4.54	0.2346	4.45	0.99	1364.58	33.52	1358.45	54.32	1374.17	12.87	1374.2	12.9	0.5%	12080806_73
0.40	2.9149	1.72	0.2413	1.07	0.86	1385.79	12.95	1393.67	13.39	1373.78	18.58	1373.8	18.6	-0.6%	12080806_107
0.20	2.9729	8.89	0.2471	8.78	0.99	1400.72	65.42	1423.31	111.22	1365.94	24.81	1365.9	24.8	-1.6%	12080806_19
0.32	2.7765	1.61	0.2316	0.70	0.98	1349.25	11.96	1342.97	8.52	1359.31	17.77	1359.3	17.8	0.5%	12080806_105
0.60	2.6642	4.86	0.2225	4.73	0.98	1318.58	35.29	1295.33	55.27	1356.60	17.68	1356.6	17.7	1.8%	12080806_65
0.29	2.7167	4.73	0.2271	4.68	0.99	1333.03	34.53	1319.24	55.63	1355.28	9.70	1355.3	9.7	1.0%	12080806_68
0.39	3.1238	2.62	0.2619	1.00	0.91	1438.56	19.96	1499.67	13.37	1493.21	33.62	1494.2	33.6	-4.2%	12080806_13
0.28	2.8386	3.19	0.2380	1.05	1.14	1365.79	23.64	1376.45	13.06	1349.14	36.08	1349.1	36.1	-0.8%	12080806_34
0.37	2.8622	2.60	0.2414	1.85	0.92	1372.04	19.37	1394.13	23.12	1338.11	21.84	1338.1	21.8	-1.6%	12080806_81
0.45	2.5467	4.23	0.2149	3.76	0.95	1285.49	30.35	1254.88	42.74	1337.19	25.57	1337.2	25.6	2.4%	12080806_27
0.31	2.9826	8.88	0.2517	8.78	0.99	1403.20	65.37	1447.18	112.75	1336.44	24.40	1336.4	24.4	-3.1%	12080806_17
0.37	2.5685	4.75	0.2181	4.69	0.99	1291.73	34.14	1271.78	53.88	1325.06	11.37	1325.1	11.4	1.6%	12080806_67
0.22	2.6127	3.84	0.2218	1.41	1.08	1304.21	27.79	1291.53	16.50	1324.94	42.65	1324.9	42.6	1.0%	12080806_40
0.46	2.5969	4.50	0.2206	4.45	0.99	1299.76	32.48	1284.96	51.61	1324.25	9.42	1324.2	9.4	1.1%	12080806_74
0.36	2.5909	3.14	0.2231	0.96	1.20	1298.07	22.76	1298.26	11.31	1297.77	36.00	1297.8	36.0	0.0%	12080806_33
0.47	2.2014	1.86	0.1901	1.34	0.88	1181.48	12.92	1122.09	13.81	1292.07	18.02	1292.1	18.0	5.2%	12080806_112
0.34	2.5515	2.46	0.2217	1.65	0.82	1286.87	17.80	1291.06	19.31	1280.05	27.85	1280.1	27.9	-0.3%	12080806_113
0.42	2.2189	4.78	0.1955	4.70	0.99	1187.04	32.93	1150.98	49.37	1253.35	13.40	1253.4	13.4	3.1%	12080806_69
0															

0.14	1.7083	1.60	0.1680	1.19	0.92	1011.66	10.19	1001.12	10.99	1034.70	14.08	1034.7	14.1	1.0%	12080806_120
0.21	1.7949	3.32	0.1765	1.16	1.08	1043.62	21.45	1048.09	11.24	1034.26	40.30	1034.3	40.3	-0.4%	12080806_35
0.40	1.7295	2.22	0.1701	1.23	0.79	1019.57	14.19	1012.81	11.52	1034.25	29.19	1034.3	29.2	0.7%	12080806_110
0.18	1.6731	4.56	0.1648	4.46	0.99	998.35	28.60	983.40	40.59	1031.33	14.69	1031.3	14.7	1.5%	12080806_72
0.18	1.6636	4.79	0.1640	4.71	0.99	994.76	29.93	979.10	42.63	1029.47	13.83	1029.5	13.8	1.6%	12080806_63
0.27	1.6598	3.53	0.1640	1.64	0.97	993.30	22.14	978.79	14.87	1025.34	39.66	1025.3	39.7	1.5%	12080806_52
0.19	1.8111	3.58	0.1790	1.71	0.96	1049.46	23.15	1061.40	16.75	1024.56	40.02	1024.6	40.0	-1.1%	12080806_58
0.19	1.8159	8.88	0.1797	8.77	0.99	1051.21	56.52	1065.35	85.57	1021.36	25.47	1021.4	25.5	-1.3%	12080806_18
0.25	1.7055	1.72	0.1691	1.29	0.91	1010.61	10.97	1007.09	11.99	1018.40	15.71	1018.4	15.7	0.3%	12080806_119
0.16	1.6987	1.62	0.1687	0.77	0.97	1008.05	10.29	1005.19	7.14	1014.39	18.11	1014.4	18.1	0.3%	12080806_97
0.54	1.6792	7.71	0.1681	7.41	0.98	1000.68	47.91	1001.37	68.35	999.82	27.63	999.8	27.6	-0.1%	12080806_22
0.25	1.7386	3.18	0.1741	0.99	1.18	1022.93	20.27	1034.67	9.42	997.90	38.29	997.9	38.3	-1.1%	12080806_32
0.21	1.8778	2.63	0.1885	1.00	0.90	1073.30	17.29	1113.19	10.26	993.00	35.70	993.0	35.7	-3.6%	12080806_14
0.19	1.6616	1.68	0.1670	0.73	0.96	993.97	10.60	995.45	6.73	990.82	20.22	990.8	20.2	-0.1%	12080806_98
0.32	1.6229	3.60	0.1637	1.73	0.95	979.11	22.36	977.25	15.71	983.13	40.50	983.1	40.5	0.2%	12080806_56
0.15	1.6560	2.70	0.1674	1.53	0.93	991.84	16.93	997.60	14.13	979.39	27.92	979.4	27.9	-0.6%	12080806_77
0.24	1.6754	2.70	0.1694	1.53	0.93	999.24	17.05	1008.54	14.28	979.14	28.13	979.1	28.1	-0.9%	12080806_79
0.30	1.6464	3.17	0.1669	0.98	1.19	988.16	19.83	994.84	9.06	973.34	38.29	973.3	38.3	-0.7%	12080806_37
0.28	1.4725	4.03	0.1501	3.67	0.97	919.15	24.07	901.57	30.77	961.77	21.27	961.8	21.3	1.9%	12080806_26
0.21	1.7688	2.64	0.1823	1.00	0.90	1034.09	17.00	1079.42	9.93	939.31	36.40	939.3	36.4	-4.3%	12080806_15
0.11	1.4787	4.48	0.1532	4.43	0.99	921.69	26.76	918.84	37.78	928.48	9.54	928.5	9.5	0.3%	12080806_71
0.16	1.4577	2.63	0.1540	1.84	0.92	913.06	15.70	923.20	15.85	888.96	24.36	923.2	24.4	-1.1%	12080806_83
0.61	1.4711	7.70	0.1531	7.41	0.99	918.59	45.49	918.29	63.09	919.94	27.04	919.9	27.0	0.0%	12080806_21
0.85	0.8531	2.78	0.1019	1.56	0.92	626.36	12.90	625.55	9.28	629.59	31.48	625.5	9.3	0.1%	12080806_80
6.21	0.8303	3.22	0.0983	2.17	0.81	613.76	14.71	604.28	12.53	649.04	41.09	604.3	12.5	1.6%	12080806_114
0.33	0.8056	1.86	0.0972	0.82	0.97	599.97	8.38	597.70	4.69	608.65	23.28	597.7	4.7	0.4%	12080806_90
0.25	0.7954	1.81	0.0967	0.76	0.99	594.23	8.09	595.21	4.30	590.57	22.74	595.2	4.3	-0.2%	12080806_89
1.24	0.8085	3.87	0.0956	2.78	0.83	601.63	17.42	588.38	15.63	652.03	46.94	588.4	15.6	2.2%	12080806_116
0.06	0.3130	1.74	0.0446	0.93	0.83	276.51	4.21	281.49	2.55	234.65	25.29	281.5	2.6	-1.8%	12080806_9
0.31	0.2824	2.16	0.0405	1.26	0.75	252.60	4.81	256.06	3.16	220.64	33.47	256.1	3.2	-1.4%	12080806_2
0.25	0.2561	1.77	0.0367	0.79	0.93	231.49	3.66	232.65	1.80	219.89	24.82	232.6	1.8	-0.5%	12080806_100
0.20	0.1556	3.67	0.0232	2.16	0.81	146.82	5.01	148.03	3.16	127.62	53.50	148.0	3.2	-0.8%	12080806_84
0.33	0.0931	3.74	0.0140	1.52	0.73	90.36	3.22	89.59	1.35	110.89	65.17	89.6	1.3	0.9%	12080806_103
0.40	0.0826	3.28	0.0126	2.01	0.83	80.58	2.54	80.99	1.62	68.84	45.57	81.0	1.6	-0.5%	12080806_86
0.31	0.0686	3.92	0.0099	2.26	0.79	67.42	2.55	63.59	1.43	205.90	57.65	63.6	1.4	5.8%	12080806_88
0.33	0.0632	3.96	0.0095	1.98	0.81	62.19	2.38	60.86	1.20	114.24	60.86	60.9	1.2	2.2%	12080806_76

08YEM05, upper Miocene lower Guayabo Formation (N=109)	5.40968°N 72.43605°W														
0.23	9.5806	7.11	0.4383	6.35	0.92	2395.31	63.32	2342.85	123.45	2440.42	46.40	2440.4	46.4	2.2%	08YEM05_69
0.27	6.5398	2.18	0.3758	1.38	0.89	2051.28	19.03	2056.75	24.29	2045.92	19.95	2045.9	19.9	-0.3%	08YEM05_16
0.36	6.2586	3.10	0.3629	2.48	0.92	2026.69	26.80	1996.05	42.46	2030.19	21.89	2030.2	21.9	0.8%	08YEM05_15
0.36	4.7945	1.41	0.2997	1.18	0.92	1783.93	11.81	1689.87	17.50	1895.90	10.04	1895.9	10.0	5.4%	08YEM05_36
0.45	5.5385	1.32	0.3471	1.17	0.93	1906.59	11.31	1920.64	19.39	1891.43	8.63	1891.4	8.6	-0.7%	08YEM05_82
0.54	5.4067	1.32	0.3394	1.13	0.91	1885.92	11.21	1883.91	18.38	1888.24	9.84	1888.2	9.8	0.1%	08YEM05_81
0.47	5.1308	1.64	0.3242	1.19	0.84	1841.22	13.85	1810.18	18.70	1876.63	16.14	1876.6	16.1	1.7%	08YEM05_117
0.53	5.1024	1.44	0.3317	1.15	0.89	1836.50	12.15	1846.82	18.44	1824.91	11.93	1824.9	11.9	-0.6%	08YEM05_43
0.39	4.2059	2.18	0.2741	1.38	0.89	1675.16	17.72	1561.82	19.05	1820.36	20.56	1820.4	20.6	7.0%	08YEM05_19
0.32	4.7708	2.19	0.3123	1.38	0.89	1779.78	18.24	1752.05	21.11	1812.60	20.89	1812.6	20.9	1.6%	08YEM05_28
0.57	4.7600	0.77	0.3122	0.57	0.86	1777.87	6.45	1751.50	8.80	1809.08	7.37	1809.1	7.4	1.5%	08YEM05_101
0.77	5.0641	1.32	0.3348	1.07	0.91	1830.11	11.12	1861.74	17.29	1794.44	9.96	1794.4	10.0	-1.7%	08YEM05_54
0.36	4.7273	1.78	0.3134	1.17	0.89	1772.08	14.77	1757.49	17.97	1789.53	16.53	1789.5	16.5	0.8%	08YEM05_72
0.30	4.7404	0.96	0.3146	0.73	0.84	1774.41	8.03	1763.34	11.30	1787.57	9.51	1787.6	9.5	0.6%	08YEM05_102
0.42	4.8285	1.35	0.3210	1.10	0.91	1789.88	11.32	1794.65	17.22	1784.45	10.33	1784.4	10.3	-0.3%	08YEM05_46
0.25	4.7138	2.22	0.3164	1.40	0.88	1769.69	18.43	1771.92	21.72	1767.20	21.38	1767.2	21.4	-0.1%	08YEM05_24
0.40	3.7990	1.83	0.2553	1.26	0.89	1592.53	14.60	1465.62	16.46	1765.03	16.40	1765.0	16.4	8.3%	08YEM05_68
0.35	4.7323	1.52	0.3190	1.12	0.87	1772.98	12.68	1784.92	17.37	1759.11	14.30	1759.1	14.3	-0.7%	08YEM05_118
0.69	4.2214	3.02	0.2858	2.66	0.95	1678.19	24.51	1620.65	38.07	1751.10	18.08	1751.1	18.1	3.5%	08YEM05_71
0.29	4.9133	1.57	0.3355	1.40	0.93	1804.54	13.16	1864.91	22.70	1735.58	10.49	1735.6	10.5	-3.3%	08YEM05_79
0.45	4.3738	2.16	0.2990	1.33	0.89	1707.39	17.70	1686.25	19.70	1733.57	21.05	1733.6	21.0	1.2%	08YEM05_22
0.35	4.1622	0.89	0.2900	0.70	0.87	1666.62	7.24	1641.65	10.18	1698.32	8.01	1698.3	8.0	1.5%	08YEM05_95
0.32	4.0381	1.23	0.2877	1.07	0.93	1641.91	9.97	1630.11	15.41	1657.14	8.61	1657.1	8.6	0.7%	08YEM05_85
0.19	3.8041	2.29	0.2760	1.46	0.87	1593.60	18.25	1571.40	20.34	1623.23	22.80	1623.2	22.8	1.4%	08YEM05_25
0.44	3.4297	3.11	0.2507	2.49	0.92	1511.23	24.16	1442.03	32.07	1610.02	23.19	1610.0	23.2	4.7%	08YEM05_10
0.67	3.6499	1.41	0.2668	0.96	0.75	1560.49	11.17	1524.46	13.09	1609.69	17.38	1609.7	17.4	2.3%	08YEM05_94
0.39	3.6325	5.34	0.2675	5.16	0.98	1556.69	41.66	1528.02	69.88	1595.91	20.65	1595.9	20.7	1.9%	08YEM05_35
0.															

0.38	3.5229	1.62	0.2685	1.20	0.86	1532.36	12.73	1533.00	16.38	1531.64	15.83	1531.6	15.8	0.0%	08YEM05_119
0.48	3.2514	3.16	0.2478	2.50	0.91	1469.52	24.27	1427.33	31.90	1531.43	25.15	1531.4	25.2	2.9%	08YEM05_5
0.23	3.5182	1.31	0.2689	1.06	0.91	1531.32	10.27	1535.04	14.41	1526.32	10.28	1526.3	10.3	-0.2%	08YEM05_58
0.27	3.5802	1.44	0.2737	1.17	0.91	1545.16	11.34	1559.74	16.20	1525.36	11.67	1525.4	11.7	-0.9%	08YEM05_33
0.39	3.4506	1.50	0.2648	1.10	0.87	1516.01	11.71	1514.31	14.89	1518.54	14.15	1518.5	14.1	0.1%	08YEM05_109
0.58	3.4059	3.14	0.2618	2.49	0.92	1505.76	24.38	1498.97	33.28	1515.75	24.56	1515.7	24.6	0.5%	08YEM05_2
0.35	3.3437	1.61	0.2583	1.28	0.88	1491.32	12.50	1481.28	16.89	1505.72	14.68	1505.7	14.7	0.7%	08YEM05_45
0.50	3.2357	2.20	0.2503	1.36	0.88	1465.76	16.95	1439.92	17.50	1503.54	22.47	1503.5	22.5	1.8%	08YEM05_20
0.47	3.4089	1.55	0.2638	1.20	0.87	1506.44	12.12	1509.36	16.19	1502.47	14.76	1502.5	14.8	-0.2%	08YEM05_49
0.08	2.8274	3.19	0.2202	2.54	0.92	1362.84	23.64	1282.75	29.45	1491.19	25.05	1491.2	25.1	6.1%	08YEM05_6
0.60	3.4433	1.44	0.2682	1.20	0.89	1514.34	11.24	1531.91	16.33	1489.95	12.60	1490.0	12.6	-1.2%	08YEM05_76
0.33	3.1873	2.22	0.2496	1.38	0.88	1454.08	17.01	1436.26	17.73	1480.36	22.62	1480.4	22.6	1.2%	08YEM05_29
0.28	3.2665	1.50	0.2595	1.12	0.88	1473.11	11.59	1487.39	14.81	1452.76	14.07	1452.8	14.1	-1.0%	08YEM05_112
0.42	2.9470	3.18	0.2403	2.54	0.92	1394.08	23.82	1388.03	31.61	1403.79	24.98	1403.8	25.0	0.4%	08YEM05_14
0.44	3.0641	1.55	0.2521	1.09	0.84	1423.77	11.82	1449.38	14.11	1385.85	16.64	1385.8	16.6	-1.8%	08YEM05_115
0.58	2.8384	1.30	0.2357	1.08	0.89	1365.75	9.69	1364.47	13.29	1367.87	11.29	1367.9	11.3	0.1%	08YEM05_90
1.77	2.7106	1.64	0.2263	1.23	0.84	1331.37	12.10	1315.05	14.60	1357.86	17.21	1357.9	17.2	1.2%	08YEM05_48
0.36	2.8178	1.58	0.2385	1.18	0.85	1360.28	11.75	1378.92	14.65	1331.25	16.42	1331.3	16.4	-1.4%	08YEM05_47
0.65	2.7522	1.63	0.2331	1.19	0.85	1342.69	12.10	1350.71	14.54	1330.10	16.93	1330.1	16.9	-0.6%	08YEM05_106
0.40	2.5446	1.79	0.2156	1.13	0.87	1284.89	12.93	1258.63	12.86	1329.26	18.77	1329.3	18.8	2.1%	08YEM05_66
0.32	2.6376	1.65	0.2240	1.19	0.82	1311.18	12.05	1303.18	14.01	1324.41	18.31	1324.4	18.3	0.6%	08YEM05_53
0.24	2.8279	1.38	0.2403	1.10	0.90	1362.98	10.27	1388.38	13.76	1323.50	11.82	1323.5	11.8	-1.8%	08YEM05_60
0.21	2.6986	1.51	0.2301	1.20	0.89	1328.07	11.09	1335.18	14.49	1316.73	13.56	1316.7	13.6	-0.5%	08YEM05_32
0.10	2.8558	1.40	0.2455	1.03	0.89	1370.34	10.48	1415.26	13.12	1301.16	13.04	1301.2	13.0	-3.2%	08YEM05_108
0.26	2.7058	1.09	0.2331	0.81	0.81	1330.05	8.06	1350.56	9.82	1297.29	12.46	1297.3	12.5	-1.5%	08YEM05_105
0.35	2.5268	0.91	0.2190	0.64	0.80	1279.77	6.62	1276.38	7.38	1285.59	10.83	1285.6	10.8	0.3%	08YEM05_100
0.40	2.5795	1.90	0.2241	1.20	0.85	1294.83	13.81	1303.51	14.18	1280.68	20.85	1280.7	20.8	-0.7%	08YEM05_67
0.22	2.3494	1.53	0.2082	1.14	0.88	1227.38	10.84	1219.12	12.70	1242.09	14.86	1242.1	14.9	0.7%	08YEM05_113
0.23	2.1525	1.96	0.1914	1.26	0.85	1165.87	13.51	1129.02	13.01	1235.21	21.76	1235.2	21.8	3.2%	08YEM05_63
0.75	2.2992	1.99	0.2072	1.36	0.78	1212.03	13.99	1213.91	15.05	1208.83	24.46	1208.8	24.5	-0.2%	08YEM05_116
0.17	2.3685	1.36	0.2143	1.09	0.90	1233.15	9.68	1251.75	12.35	1200.89	11.97	1200.9	12.0	-1.5%	08YEM05_42
0.29	2.2564	1.46	0.2067	1.12	0.87	1198.79	10.24	1211.15	12.35	1176.69	14.63	1176.7	14.6	-1.0%	08YEM05_34
0.10	2.2043	1.78	0.2043	1.15	0.88	1182.39	12.33	1198.27	12.60	1153.68	18.37	1153.7	18.4	-1.3%	08YEM05_70
0.35	2.0565	1.86	0.1927	1.38	0.82	1314.45	12.64	1136.15	14.34	1131.30	21.08	1131.3	21.1	-0.1%	08YEM05_44
0.19	1.9463	0.89	0.1835	0.64	0.82	1097.19	5.97	1086.20	6.41	1119.16	10.42	1119.2	10.4	1.0%	08YEM05_104
0.22	2.0119	2.09	0.1953	1.75	0.89	1119.52	14.10	1150.06	18.38	1060.85	19.04	1060.9	19.0	-2.7%	08YEM05_50
0.14	1.7617	1.29	0.1736	0.81	0.71	1031.48	8.31	1031.69	7.71	1031.14	18.37	1031.1	18.4	0.0%	08YEM05_92
0.31	1.7297	2.19	0.1710	1.36	0.88	1019.63	14.01	1017.39	12.82	1024.59	23.54	1024.6	23.5	0.2%	08YEM05_23
0.16	1.7491	1.32	0.1737	1.14	0.92	1026.85	8.48	1032.33	10.87	1015.27	10.73	1015.3	10.7	-0.5%	08YEM05_80
0.27	1.6937	1.89	0.1689	1.19	0.85	1006.16	12.01	1006.03	11.12	1006.65	21.65	1006.7	21.6	0.0%	08YEM05_62
0.27	1.6299	3.19	0.1632	2.50	0.91	981.82	19.89	974.43	22.61	998.86	28.05	998.9	28.0	0.8%	08YEM05_8
0.23	1.7173	1.49	0.1720	1.14	0.87	1015.00	9.50	1023.06	10.76	997.77	15.35	997.8	15.4	-0.8%	08YEM05_40
0.15	1.7038	1.74	0.1707	1.12	0.89	1009.97	11.08	1015.78	10.55	997.59	18.29	997.6	18.3	-0.6%	08YEM05_65
0.22	1.7016	2.36	0.1715	1.47	0.86	1009.12	14.99	1020.21	13.85	985.29	27.00	985.3	27.0	-1.1%	08YEM05_27
0.21	1.5274	2.40	0.1543	1.49	0.85	941.47	14.63	925.09	12.81	980.15	27.90	980.2	27.9	1.8%	08YEM05_17
0.76	1.5601	2.61	0.1577	1.86	0.76	954.50	16.05	943.95	16.29	979.00	34.35	979.0	34.3	1.1%	08YEM05_77
0.47	1.5834	1.76	0.1603	1.23	0.80	963.71	10.89	958.22	10.95	976.41	21.69	976.4	21.7	0.6%	08YEM05_59
0.27	1.5924	2.10	0.1625	1.56	0.82	967.25	12.99	970.59	14.00	959.83	24.40	959.8	24.4	-0.3%	08YEM05_114
0.20	1.5023	2.10	0.1549	1.30	0.82	931.34	12.73	928.59	11.22	938.08	26.13	938.1	26.1	0.3%	08YEM05_74
0.62	0.8423	3.99	0.1031	3.78	0.96	620.39	18.37	632.49	22.74	576.60	25.18	632.5	22.7	-1.9%	08YEM05_91
0.36	0.8061	2.36	0.0992	1.41	0.70	600.24	10.65	609.96	8.18	563.80	36.62	610.0	8.2	-1.6%	08YEM05_39
1.28	0.7870	2.42	0.0949	1.43	0.83	589.47	10.76	584.28	7.97	609.64	31.24	584.3	8.0	0.9%	08YEM05_26
0.19	0.6909	1.57	0.0866	1.14	0.83	533.33	6.48	535.41	5.86	524.57	19.31	535.4	5.9	-0.4%	08YEM05_57
0.22	0.6241	1.19	0.0814	0.73	0.71	492.42	4.62	504.38	3.54	437.35	18.73	504.4	3.5	-2.4%	08YEM05_93
0.44	0.6863	3.12	0.0784	2.57	0.92	530.56	12.79	486.86	12.03	723.39	26.59	486.9	12.0	8.6%	08YEM05_18
0.32	0.5951	3.17	0.0754	2.49	0.91	474.13	11.94	468.70	11.23	500.96	30.01	468.7	11.2	1.2%	08YEM05_3
0.55	0.5730	3.42	0.0722	2.58	0.88	459.97	12.55	449.18	11.18	514.69	36.79	449.2	11.2	2.4%	08YEM05_12
0.65	0.3721	1.83	0.0508	1.18	0.76	321.22	5.04	319.45	3.68	334.23	27.37	319.5	3.7	0.6%	08YEM05_51
0.92	0.2382	1.80	0.0333	1.13	0.76	216.90	3.50	211.10	2.34	280.60	27.03	211.1	2.3	2.7%	08YEM05_120
0.62	0.2094	1.85	0.0309	1.20	0.77	193.03	3.25	196.25	2.31	153.99	28.16	196.2	2.3	-1.7%	08YEM05_110
0.39	0.1831	1.97	0.0267	1.22	0.70	170.73	3.09	169.66	2.04	185.63	32.71	169.7	2.0	0.6%	08YEM05_86
0.52	0.0935	5.08	0.0142	3.04	0.72	90.77	4.40	91.15	2.75	81.40	82.51	91.2	2.8	-0.4%	08YEM05_1
0.51	0.0932	3.16	0.0139	1.60	0.68	90.51	2.73	88.93	1.42	132.47	55.15	88.9	1.4	1.8%	08YEM05_64
0.38	0.0970	1.95	0.0139	1.24	0.74	94.00	1.75	88.75	1.09	229.50	30.18	88.7	1.1	5.7%	08YEM05_41
0.23	0.0858	2.94	0.0129	1.40	0.56	83.57	2.35	82.37	1.14	118.27	56.68	82.4	1.1	1.5%	08YEM05_96
0.28	0.0880	3.08	0.0128	1.60	0.6										

0.25	3.7816	1.45	0.2845	1.27	0.94	1588.85	11.60	1614.14	18.11	1555.59	9.27	1555.6	9.3	-1.6%	MP295_52
0.17	3.8331	1.48	0.2887	1.30	0.95	1599.72	11.84	1635.05	18.80	1553.63	9.14	1553.6	9.1	-2.2%	MP295_48
0.27	3.2764	3.21	0.2495	1.49	0.96	1475.47	24.69	1435.96	19.14	1532.67	34.26	1532.7	34.3	2.7%	MP295_102
0.25	3.6496	2.84	0.2788	1.49	0.90	1560.42	22.38	1585.51	20.97	1526.55	30.48	1526.6	30.5	-1.6%	MP295_10
0.42	3.7468	1.73	0.2871	1.03	0.88	1581.44	13.78	1626.79	14.78	1521.61	18.04	1521.6	18.0	-2.8%	MP295_87
0.25	3.5817	1.52	0.2746	1.31	0.93	1545.49	11.98	1563.97	18.20	1520.44	10.59	1520.4	10.6	-1.2%	MP295_51
0.34	3.1428	3.29	0.2409	1.60	0.94	1443.24	25.03	1391.42	20.05	1520.34	34.87	1520.3	34.9	3.7%	MP295_98
0.36	3.6407	2.63	0.2797	1.44	0.91	1558.47	20.76	1589.77	20.28	1516.29	27.23	1516.3	27.2	-2.0%	MP295_36
0.32	3.6993	2.72	0.2845	1.29	0.94	1571.21	21.55	1614.10	18.34	1514.22	29.63	1514.2	29.6	-2.7%	MP295_108
0.33	3.5436	1.51	0.2737	0.73	0.93	1536.99	11.87	1559.53	10.16	1506.26	16.38	1506.3	16.4	-1.5%	MP295_82
0.42	3.2220	2.74	0.2496	1.89	0.83	1462.47	21.03	1436.31	24.23	1500.70	29.52	1500.7	29.5	1.8%	MP295_12
0.77	3.4361	2.18	0.2682	1.34	0.82	1512.69	16.97	1531.66	18.26	1486.37	24.90	1486.4	24.9	-1.2%	MP295_86
0.30	3.2216	2.13	0.2520	1.29	0.90	1462.37	16.36	1448.93	16.75	1482.14	20.92	1482.1	20.9	0.9%	MP295_68
0.16	3.3630	2.59	0.2656	1.48	0.89	1495.83	20.05	1518.42	19.94	1464.17	27.34	1464.2	27.3	-1.5%	MP295_53
0.41	3.3442	2.59	0.2644	1.29	0.92	1491.43	20.06	1512.29	17.37	1461.88	28.17	1461.9	28.2	-1.4%	MP295_29
0.27	3.1187	2.50	0.2496	1.09	0.95	1437.31	19.01	1436.56	14.05	1438.39	28.16	1438.4	28.2	0.1%	MP295_30
0.33	3.2294	1.88	0.2602	1.31	0.90	1464.25	14.48	1491.10	17.45	1425.66	17.21	1425.7	17.2	-1.8%	MP295_85
0.38	2.8824	2.33	0.2330	1.14	0.88	1377.31	17.45	1350.40	13.93	1419.52	27.32	1419.5	27.3	2.0%	MP295_120
0.46	2.8657	2.60	0.2331	1.42	0.88	1372.94	19.41	1350.47	17.23	1408.17	28.53	1408.2	28.5	1.6%	MP295_25
0.43	2.7516	2.04	0.2248	0.90	0.96	1342.53	15.06	1307.25	10.61	1399.45	22.72	1399.4	22.7	2.7%	MP295_115
0.33	2.9312	2.65	0.2414	1.20	0.96	1390.01	19.88	1394.04	15.04	1383.97	29.29	1384.0	29.3	-0.3%	MP295_107
0.67	3.0144	2.14	0.2509	1.91	0.95	1411.27	16.18	1442.94	24.68	1363.87	13.53	1363.9	13.5	-2.2%	MP295_39
0.41	2.6144	2.73	0.2180	1.25	0.94	1304.70	19.83	1271.50	14.46	1359.85	30.70	1359.9	30.7	2.6%	MP295_110
0.49	2.8732	1.27	0.2401	0.84	0.84	1374.91	9.49	1387.33	10.53	1355.77	13.74	1355.8	13.7	-0.9%	MP295_91
0.35	2.8493	2.91	0.2407	1.58	0.89	1368.62	21.64	1390.41	19.74	1334.69	32.03	1334.7	32.0	-1.6%	MP295_6
0.36	2.7507	1.54	0.2325	1.09	0.87	1342.27	11.43	1347.56	13.21	1334.03	15.48	1334.0	15.5	-0.4%	MP295_73
0.19	2.8339	2.33	0.2400	1.12	0.93	1364.55	17.31	1386.83	13.98	1330.04	25.80	1330.0	25.8	-1.6%	MP295_57
0.48	2.7351	2.33	0.2326	1.74	0.91	1338.04	17.19	1348.34	21.09	1321.75	20.37	1321.7	20.4	-0.8%	MP295_4
0.34	2.7213	2.63	0.2320	1.44	0.91	1334.28	19.36	1344.91	17.42	1317.22	28.03	1317.2	28.0	-0.8%	MP295_38
0.24	2.8785	2.50	0.2460	1.34	0.90	1376.30	18.69	1417.89	16.99	1312.46	27.27	1312.5	27.3	-3.0%	MP295_22
0.23	2.7676	2.09	0.2376	1.24	0.91	1346.84	15.48	1374.10	15.31	1304.01	21.28	1304.0	21.3	-2.0%	MP295_65
0.24	2.4731	2.45	0.2140	1.87	0.91	1264.19	17.58	1249.90	21.25	1288.74	21.17	1288.7	21.2	1.1%	MP295_1
0.44	2.7555	2.08	0.2394	1.40	0.89	1343.58	15.39	1383.60	17.45	1280.41	20.06	1280.4	20.1	-2.9%	MP295_11
0.36	2.4538	2.36	0.2147	2.04	0.92	1258.55	16.91	1253.95	23.25	1266.50	18.53	1266.5	18.5	0.4%	MP295_40
0.39	2.4205	2.48	0.2138	1.88	0.90	1428.70	17.69	1248.96	21.29	1248.41	22.28	1248.4	22.3	0.0%	MP295_3
0.24	2.4770	2.11	0.2195	1.26	0.90	1265.33	15.16	1279.40	14.65	1241.71	21.65	1241.7	21.7	-1.1%	MP295_70
0.41	2.2706	2.51	0.2014	1.15	0.94	1203.21	17.53	1182.75	12.38	1240.10	28.63	1240.1	28.6	1.7%	MP295_28
0.29	2.5513	2.64	0.2282	1.38	0.89	1286.81	19.09	1324.85	16.48	1223.87	29.95	1223.9	29.9	-2.9%	MP295_16
0.21	2.4828	1.60	0.2250	1.12	0.86	1267.04	11.50	1308.18	13.27	1198.05	16.68	1198.1	16.7	-3.2%	MP295_74
0.15	2.3704	2.27	0.2152	1.03	0.95	1233.72	16.10	1256.24	11.75	1194.79	25.98	1194.8	26.0	-1.8%	MP295_58
0.46	2.0124	3.75	0.1827	1.87	0.87	1119.71	25.13	1081.64	18.62	1194.23	45.24	1194.2	45.2	3.5%	MP295_97
0.17	2.3206	2.67	0.2112	1.19	0.96	1218.60	18.75	1235.22	13.38	1189.44	30.60	1189.4	30.6	-1.4%	MP295_109
0.24	2.2108	2.61	0.2042	1.38	0.90	1184.46	18.07	1198.02	15.08	1159.77	29.18	1159.8	29.2	-1.1%	MP295_19
0.24	2.2697	3.25	0.2102	1.52	0.95	1202.93	22.62	1230.08	17.00	1154.38	36.58	1154.4	36.6	-2.2%	MP295_100
0.19	2.2304	2.08	0.2067	1.23	0.91	1190.64	14.51	1211.11	13.58	1153.88	21.69	1153.9	21.7	-1.7%	MP295_62
0.18	2.0359	2.11	0.1898	0.98	0.93	1127.59	14.26	1120.07	10.08	1142.35	24.47	1142.3	24.5	0.7%	MP295_116
0.23	1.8375	2.07	0.1772	1.26	0.76	1058.97	13.50	1051.65	12.18	1074.27	27.31	1074.3	27.3	0.7%	MP295_71
0.22	1.8519	2.16	0.1798	1.28	0.89	1064.10	14.17	1065.97	12.58	1060.48	23.52	1060.5	23.5	-0.2%	MP295_66
0.24	1.7424	1.21	0.1699	0.75	0.82	1024.34	7.78	1011.50	6.99	1051.97	14.61	1052.0	14.6	1.3%	MP295_93
0.31	1.7661	2.39	0.1733	1.43	0.86	1033.08	15.40	1030.39	13.65	1039.00	27.64	1039.0	27.6	0.3%	MP295_67
0.03	1.7436	1.72	0.1716	1.34	0.90	1024.81	11.02	1020.69	12.65	1033.80	15.59	1033.8	15.6	0.4%	MP295_80
0.25	1.8355	2.77	0.1809	1.50	0.88	1058.27	18.06	1071.85	14.82	1030.32	32.31	1030.3	32.3	-1.3%	MP295_32
0.33	1.7681	2.43	0.1745	1.79	0.89	1033.81	15.63	1036.92	17.15	1027.40	23.32	1027.4	23.3	-0.3%	MP295_2
0.16	1.8244	2.53	0.1801	1.39	0.90	1054.28	16.44	1067.61	13.62	1026.90	28.35	1026.9	28.3	-1.3%	MP295_24
0.16	1.7833	2.70	0.1767	1.49	0.90	1039.38	17.40	1048.71	14.36	1019.79	30.44	1019.8	30.4	-0.9%	MP295_31
0.50	1.7178	2.21	0.1704	1.48	0.87	1015.21	14.09	1014.33	13.89	1017.13	23.54	1017.1	23.5	0.1%	MP295_13
0.20	1.7569	2.69	0.1747	1.49	0.90	1029.69	17.27	1037.72	14.24	1012.64	30.27	1012.6	30.3	-0.8%	MP295_35
0.27	1.7585	2.34	0.1749	1.07	0.93	1030.29	15.03	1038.87	10.23	1012.32	28.13	1012.3	28.1	-0.8%	MP295_59
0.19	1.8015	2.64	0.1791	1.12	0.97	1045.99	17.06	1062.31	10.92	1012.22	31.49	1012.2	31.5	-1.5%	MP295_112
0.17	1.7799	2.52	0.1771	1.39	0.90	1038.15	16.25	1051.08	13.44	1011.16	28.12	1011.2	28.1	-1.2%	MP295_21
0.19	1.7610	2.81	0.1754	1.38	0.92	1031.20	18.03	1041.53	13.23	1009.51	32.97	1009.5	33.0	-1.0%	MP295_106
0.25	1.6684	1.67	0.1663	1.42	0.91	996.58	10.55	991.87	13.00	1007.12	14.10	1007.1	14.1	0.5%	MP295_47
0.35	1.6934	1.73	0.1689	1.41	0.89	1006.04	10.97	1006.01	13.15	1006.25	16.35	1006.3	16.4	0.0%	MP295_50
0.12	1.8064	2.10	0.1802	1.91	0.96	1047.76	13.65	1067.88	18.74	1006.14	12.61	1006.1	12.6	-1.9%	MP295_43
0.44	1.7728	1.39	0.1771	0.97	0.89	1035.54	8.95	1050.92	9.44	1003.41	13.62	1003.4	13.6	-1.5%	MP295_79
0.13	1.7394	1.58	0.1739	0.73</td											

0.20	1.7262	1.51	0.1754	0.67	0.93	1018.32	9.69	1042.05	6.47	967.80	18.69	967.8	18.7	-2.3%	MP295_89
0.24	1.6912	2.08	0.1719	1.22	0.90	1005.22	13.21	1022.70	11.52	967.52	22.52	967.5	22.5	-1.7%	MP295_60
0.85	1.5476	2.81	0.1575	1.64	0.89	949.54	17.16	942.65	14.37	965.52	31.31	965.5	31.3	0.7%	MP295_34
0.36	1.6132	1.32	0.1642	0.81	0.80	975.35	8.21	979.93	7.34	965.15	16.66	965.1	16.7	-0.5%	MP295_94
0.31	1.6244	2.64	0.1656	1.44	0.88	979.71	16.48	987.86	13.21	961.60	31.18	961.6	31.2	-0.8%	MP295_23
0.48	1.4714	2.36	0.1507	1.99	0.90	918.70	14.15	905.15	16.77	951.48	20.98	951.5	21.0	1.5%	MP295_44
0.24	1.5714	3.35	0.1613	1.56	0.93	958.99	20.55	964.06	13.97	947.26	40.01	947.3	40.0	-0.5%	MP295_101
0.29	1.6097	1.32	0.1655	0.86	0.83	973.99	8.25	987.03	7.89	944.77	15.88	944.8	15.9	-1.3%	MP295_92
0.50	1.5303	1.55	0.1580	1.07	0.86	942.61	9.45	945.46	9.38	936.14	16.94	936.1	16.9	-0.3%	MP295_78
0.65	1.5777	2.48	0.1635	1.23	0.89	961.46	15.30	976.26	11.11	927.96	30.30	928.0	30.3	-1.5%	MP295_56
0.46	1.5039	2.27	0.1562	2.03	0.94	931.95	13.75	935.68	17.62	923.22	15.99	923.2	16.0	-0.4%	MP295_41
0.20	1.5004	3.29	0.1564	1.55	0.94	930.55	19.84	936.83	13.47	915.58	38.80	915.6	38.8	-0.7%	MP295_104
0.29	1.6827	2.64	0.1762	1.92	0.86	1001.99	16.71	1046.09	18.49	906.87	28.17	906.9	28.2	-4.3%	MP295_5
0.38	0.8564	2.25	0.1021	1.13	0.76	628.16	10.47	626.52	6.72	634.21	33.48	626.5	6.7	0.3%	MP295_84
0.31	0.6183	2.76	0.0776	1.44	0.87	488.81	10.65	481.95	6.70	521.11	36.09	481.9	6.7	1.4%	MP295_18
0.52	0.5973	3.10	0.0774	1.77	0.86	475.54	11.71	480.56	8.19	451.33	39.66	480.6	8.2	-1.0%	MP295_7

08TAU01, upper Miocene-Pliocene upper Guayabo (Corneta) Formation (N=104). 4.96540°N 72.82360°W

0.19	6.5618	1.70	0.3662	1.62	0.98	2054.23	14.87	2011.71	28.00	2097.25	6.17	2097.2	6.2	2.1%	08TAU01_97
0.60	5.8625	1.96	0.3468	1.29	0.90	1955.70	16.89	1919.52	21.33	1994.30	17.15	1994.3	17.2	1.9%	08TAU01_62
0.53	4.0375	2.83	0.2594	2.34	0.94	1641.78	22.81	1486.99	30.99	1846.14	18.52	1846.1	18.5	9.9%	08TAU01_78
0.33	4.7806	2.38	0.3084	2.07	0.95	1781.50	19.81	1733.01	31.33	1838.88	13.66	1838.9	13.7	2.8%	08TAU01_12
0.33	4.8565	2.65	0.3143	2.20	0.95	1794.74	22.11	1761.64	33.78	1833.48	16.34	1833.5	16.3	1.9%	08TAU01_73
0.47	5.1892	2.37	0.3373	2.04	0.95	1850.85	20.00	1873.89	33.04	1825.15	14.28	1825.2	14.3	-1.2%	08TAU01_11
0.64	4.9762	1.73	0.3259	1.61	0.96	1815.29	14.53	1818.42	25.39	1811.79	8.94	1811.8	8.9	-0.2%	08TAU01_94
0.34	5.1073	1.17	0.3346	0.98	0.93	1837.31	9.86	1860.75	15.88	1810.94	7.79	1810.9	7.8	-1.3%	08TAU01_16
0.47	5.0233	1.74	0.3292	1.03	0.92	1823.26	14.61	1834.61	16.35	1810.41	15.94	1810.4	15.9	-0.6%	08TAU01_70
0.33	4.9200	2.64	0.3250	2.18	0.95	1805.69	22.07	1814.06	34.39	1796.09	16.53	1796.1	16.5	-0.5%	08TAU01_71
0.32	4.8824	2.69	0.3245	2.22	0.94	1799.23	22.45	1811.73	34.91	1784.83	17.28	1784.8	17.3	-0.7%	08TAU01_74
0.40	4.0099	1.89	0.2666	1.24	0.91	1636.21	15.26	1523.77	16.80	1783.99	16.52	1784.0	16.5	7.1%	08TAU01_63
0.42	4.9332	1.98	0.3286	1.58	0.93	1807.95	16.60	1831.78	25.20	1780.76	13.92	1780.8	13.9	-1.3%	08TAU01_47
0.67	4.6954	3.25	0.3147	2.72	0.94	1766.41	26.86	1763.77	41.88	1769.79	20.47	1769.8	20.5	0.1%	08TAU01_53
0.47	4.0396	2.70	0.2723	2.21	0.94	1642.20	21.71	1552.37	30.49	1759.24	17.45	1759.2	17.4	5.6%	08TAU01_75
0.40	4.0951	2.25	0.2777	1.25	0.94	1653.32	18.22	1579.61	17.53	1748.37	21.16	1748.4	21.2	4.6%	08TAU01_116
0.24	4.2882	2.73	0.2947	2.44	0.96	1691.09	22.21	1664.84	35.76	1723.90	13.67	1723.9	13.7	1.6%	08TAU01_83
0.18	3.5631	1.99	0.2558	1.58	0.93	1541.36	15.67	1468.42	20.68	1643.06	14.65	1643.1	14.7	4.8%	08TAU01_43
0.51	3.6254	1.76	0.2608	1.05	0.92	1555.12	13.91	1494.08	13.95	1639.14	16.53	1639.1	16.5	4.0%	08TAU01_66
0.14	4.0146	1.97	0.2891	1.58	0.93	1637.16	15.87	1636.88	22.77	1637.70	13.78	1637.7	13.8	0.0%	08TAU01_48
0.78	3.6523	1.27	0.2690	1.03	0.91	1561.01	10.07	1535.54	14.12	1595.71	10.06	1595.7	10.1	1.6%	08TAU01_18
0.57	3.0755	3.46	0.2268	2.91	0.94	1426.62	26.20	1317.46	34.54	1593.74	23.19	1593.7	23.2	8.0%	08TAU01_52
0.48	2.9129	1.29	0.2151	1.04	0.90	1385.28	9.67	1255.90	11.81	1590.69	10.56	1590.7	10.6	9.8%	08TAU01_20
0.24	3.6915	1.01	0.2736	0.58	0.87	1569.54	8.02	1558.83	8.02	1584.07	10.72	1584.1	10.7	0.7%	08TAU01_23
0.34	3.7403	1.84	0.2795	1.46	0.93	1580.03	14.67	1588.66	20.48	1568.67	13.66	1568.7	13.7	-0.5%	08TAU01_37
0.23	3.8724	4.92	0.2897	4.72	0.98	1607.95	38.95	1639.91	67.98	1566.68	16.86	1566.7	16.9	-2.0%	08TAU01_8
0.59	3.2170	3.35	0.2422	2.79	0.94	1461.27	25.61	1398.26	35.03	1554.36	22.48	1554.4	22.5	4.4%	08TAU01_60
0.34	3.5607	0.95	0.2692	0.50	0.89	1540.81	7.49	1536.58	6.83	1546.74	10.41	1546.7	10.4	0.3%	08TAU01_22
0.24	3.7590	2.36	0.2849	2.03	0.95	1584.03	18.79	1615.77	28.99	1542.13	14.61	1542.1	14.6	-2.0%	08TAU01_14
0.50	3.5988	2.69	0.2730	2.41	0.97	1549.27	21.14	1555.97	33.28	1540.26	13.45	1540.3	13.5	-0.4%	08TAU01_87
0.34	3.4412	3.20	0.2619	2.70	0.95	1513.85	24.89	1499.32	35.99	1534.49	19.99	1534.5	20.0	1.0%	08TAU01_58
0.27	3.2393	2.76	0.2475	2.46	0.96	1466.62	21.21	1425.48	31.35	1526.81	15.13	1526.8	15.1	2.8%	08TAU01_84
0.32	3.4738	2.65	0.2672	1.89	0.92	1521.28	20.72	1526.45	25.63	1514.06	21.73	1514.1	21.7	-0.3%	08TAU01_107
0.63	3.4061	1.39	0.2625	0.53	1.05	1505.81	10.83	1502.52	7.12	1510.55	15.27	1510.5	15.3	0.2%	08TAU01_34
0.66	3.1595	3.30	0.2436	2.76	0.94	1447.33	25.16	1405.33	34.76	1509.86	21.96	1509.9	22.0	2.9%	08TAU01_57
0.17	3.0331	2.76	0.2360	2.47	0.96	1415.99	20.83	1365.93	30.32	1492.24	14.42	1492.2	14.4	3.6%	08TAU01_88
0.23	3.3455	3.11	0.2612	2.67	0.93	1491.74	23.99	1496.20	35.52	1485.50	21.65	1485.5	21.6	-0.3%	08TAU01_90
0.29	3.2686	0.99	0.2601	0.63	0.90	1473.61	7.70	1490.34	8.33	1449.69	9.76	1449.7	9.8	-1.1%	08TAU01_30
0.28	3.0734	1.41	0.2501	0.53	1.04	1426.08	10.71	1439.11	6.84	1406.78	15.92	1406.8	15.9	-0.9%	08TAU01_35
0.18	2.7602	2.41	0.2311	2.04	0.94	1344.85	17.81	1340.43	24.70	1351.98	16.41	1352.0	16.4	0.3%	08TAU01_13
0.19	2.7757	2.60	0.2325	1.82	0.92	1349.02	19.26	1347.58	22.15	1351.27	22.06	1351.3	22.1	0.1%	08TAU01_103
0.07	2.5692	3.23	0.2156	2.71	0.95	1291.91	23.36	1258.37	30.92	1348.37	21.28	1348.4	21.3	2.6%	08TAU01_55
0.55	2.6771	2.22	0.2272	1.12	0.94	1322.16	16.31	1319.56	13.40	1326.44	23.46	1326.4	23.5	0.2%	08TAU01_112
0.31	2.6575	1.74	0.2262	1.62	0.96	1316.74	12.79	1314.64	19.20	1320.24	9.72	1320.2	9.7	0.2%	08TAU01_98
0.22	1.9938	1.14	0.1701	0.85	0.91	1113.40	7.68	1012.53	8.01	1316.15	9.73	1316.1	9.7	9.5%	08TAU01_25
0.06	2.5602	1.16	0.2235	0.96	0.93	1289.34	8.42	1300.17	11.25	1271.44	8.84	1271.4	8.8	-0.8%	08TAU01_17
0.20	2.4351	2.65	0.2168	2.19	0.95	1253.03	18.								

0.27	1.7053	1.74	0.1670	1.22	0.90	1010.52	11.06	995.68	11.28	1042.96	16.88	1043.0	16.9	1.5%	08TAU01_4
0.24	1.7610	2.62	0.1725	1.25	0.96	1031.23	16.85	1025.83	11.82	1042.70	29.42	1042.7	29.4	0.5%	08TAU01_121
0.29	1.7555	1.86	0.1720	1.68	0.94	1029.20	11.97	1022.90	15.84	1042.69	12.99	1042.7	13.0	0.6%	08TAU01_95
0.32	1.7308	1.94	0.1699	1.69	0.92	1020.03	12.41	1011.46	15.84	1038.56	15.49	1038.6	15.5	0.8%	08TAU01_96
0.45	1.5665	5.09	0.1539	4.79	0.97	957.03	31.09	922.59	41.03	1037.43	24.98	1037.4	25.0	3.7%	08TAU01_9
0.18	1.7801	2.13	0.1754	1.60	0.89	1038.22	13.75	1041.81	15.41	1030.87	20.06	1030.9	20.1	-0.3%	08TAU01_41
0.28	1.6744	1.70	0.1659	0.78	0.89	998.86	10.77	989.66	7.19	1019.21	21.51	1019.2	21.5	0.9%	08TAU01_33
0.19	1.7084	2.76	0.1695	2.48	0.96	1011.68	17.54	1009.14	23.08	1017.29	15.45	1017.3	15.4	0.3%	08TAU01_86
0.36	1.6464	1.65	0.1634	0.74	0.91	988.17	10.35	975.78	6.71	1015.89	20.61	1015.9	20.6	1.3%	08TAU01_31
0.48	1.7156	1.67	0.1708	1.02	0.79	1014.39	10.66	1016.78	9.56	1009.32	21.41	1009.3	21.4	-0.2%	08TAU01_26
0.33	1.7288	1.17	0.1723	0.73	0.85	1019.31	7.48	1024.85	6.90	1007.55	13.38	1007.5	13.4	-0.5%	08TAU01_29
0.19	1.7257	2.10	0.1721	1.61	0.90	1018.15	13.39	1023.68	15.19	1006.45	18.96	1006.5	19.0	-0.5%	08TAU01_45
0.23	1.5906	3.28	0.1587	2.72	0.94	966.52	20.23	949.30	24.01	1006.16	23.74	1006.2	23.7	1.8%	08TAU01_56
0.35	1.6185	3.40	0.1616	2.81	0.93	977.41	21.13	965.75	25.15	1004.00	25.92	1004.0	25.9	1.2%	08TAU01_54
0.21	1.7228	2.83	0.1724	1.97	0.90	1017.07	18.03	1025.07	18.64	999.85	27.19	999.9	27.2	-0.8%	08TAU01_108
0.51	1.6300	1.46	0.1631	1.00	0.91	981.87	9.18	974.23	9.04	999.10	13.89	999.1	13.9	0.8%	08TAU01_1
0.50	1.5070	1.81	0.1509	0.85	0.86	933.23	10.98	906.01	7.18	998.17	23.36	998.2	23.4	3.0%	08TAU01_32
0.30	1.6515	2.83	0.1654	2.51	0.96	990.11	17.74	986.62	22.94	997.97	17.26	998.0	17.3	0.4%	08TAU01_85
0.26	1.7548	1.98	0.1757	1.50	0.90	1028.92	12.72	1043.66	14.46	997.86	18.33	997.9	18.3	-1.4%	08TAU01_39
0.31	1.6222	1.94	0.1625	1.12	0.89	978.84	12.08	970.89	10.13	996.82	21.59	996.8	21.6	0.8%	08TAU01_67
0.26	1.6156	2.64	0.1619	1.86	0.92	976.27	16.41	967.50	16.70	996.02	23.49	996.0	23.5	0.9%	08TAU01_109
0.30	1.7640	2.31	0.1775	1.39	0.85	1032.31	14.84	1053.19	13.48	988.41	27.09	988.4	27.1	-2.0%	08TAU01_69
0.24	1.6633	1.98	0.1675	1.52	0.91	994.64	12.45	998.21	14.08	986.91	17.67	986.9	17.7	-0.4%	08TAU01_40
0.40	1.5736	3.40	0.1587	2.83	0.94	959.83	20.92	949.47	24.96	983.93	25.32	983.9	25.3	1.1%	08TAU01_61
0.32	1.5965	2.54	0.1610	1.13	0.99	968.83	15.73	962.26	10.09	983.78	28.89	983.8	28.9	0.7%	08TAU01_122
0.22	1.6594	2.10	0.1679	1.62	0.91	993.15	13.21	1000.50	15.01	977.17	18.74	977.2	18.7	-0.7%	08TAU01_46
0.30	1.6056	2.72	0.1626	2.24	0.94	972.40	16.86	971.38	20.17	974.76	19.44	974.8	19.4	0.1%	08TAU01_77
0.26	1.6490	1.78	0.1673	0.97	0.91	989.17	11.22	997.05	8.99	971.82	19.95	971.8	19.9	-0.8%	08TAU01_65
0.38	1.6084	2.68	0.1632	2.40	0.97	973.50	16.62	974.62	21.67	971.08	14.58	971.1	14.6	-0.1%	08TAU01_82
0.55	1.5963	5.07	0.1622	4.77	0.97	968.77	31.17	969.19	42.74	968.19	25.11	968.2	25.1	0.0%	08TAU01_7
0.24	1.6004	3.28	0.1634	2.74	0.94	970.36	20.32	975.54	24.74	958.94	23.75	958.9	23.8	-0.5%	08TAU01_51
0.21	1.6351	2.37	0.1672	1.14	0.92	983.82	14.85	996.70	10.49	955.28	28.55	955.3	28.6	-1.3%	08TAU01_119
0.24	1.6048	1.91	0.1644	1.47	0.91	972.10	11.91	981.13	13.33	951.90	17.21	951.9	17.2	-0.9%	08TAU01_38
0.26	1.5971	3.05	0.1636	1.50	0.88	969.08	18.85	977.02	13.57	951.12	37.61	951.1	37.6	-0.8%	08TAU01_123
0.87	1.6704	1.37	0.1713	0.89	0.84	997.33	8.69	1019.26	8.43	949.53	16.19	949.5	16.2	-2.2%	08TAU01_27
0.24	1.5319	2.51	0.1576	1.10	1.00	943.25	15.30	943.55	9.68	942.57	28.58	942.6	28.6	0.0%	08TAU01_124
0.24	1.5037	2.76	0.1554	1.93	0.91	931.87	16.67	931.27	16.70	933.24	26.03	933.2	26.0	0.1%	08TAU01_106
0.61	1.5304	2.66	0.1592	1.17	0.96	942.64	16.20	952.44	10.31	919.83	31.94	919.8	31.9	-1.0%	08TAU01_125
0.43	1.4766	2.18	0.1550	0.99	0.97	920.84	13.09	928.98	8.54	901.45	25.45	901.4	25.5	-0.9%	08TAU01_117
0.36	1.4387	2.24	0.1498	1.12	0.94	905.20	13.35	899.94	9.43	918.12	25.42	899.9	9.4	0.6%	08TAU01_111
0.32	1.4060	2.99	0.1434	2.12	0.90	891.45	17.58	863.85	17.11	960.53	28.90	863.8	17.1	3.1%	08TAU01_104
0.65	1.1530	1.75	0.1287	1.12	0.87	778.64	9.49	780.61	8.22	773.11	19.80	780.6	8.2	-0.3%	08TAU01_2
0.41	0.7908	2.45	0.0954	1.12	0.90	591.61	10.93	587.42	6.26	607.79	32.48	587.4	6.3	0.7%	08TAU01_113

08TAU02, upper Miocene-Pliocene upper Guayabo (Corneta) Formation (N=84), 5.00221°N 72.79504°W															
0.28	6.3035	2.18	0.3564	1.56	0.86	2018.94	18.93	1965.00	26.35	2074.61	20.47	2074.6	20.5	2.7%	08TAU02_79
0.51	5.7290	2.90	0.3503	1.26	0.97	1935.75	24.76	1936.00	21.01	1935.81	30.26	1935.8	30.3	0.0%	08TAU02_118
0.50	5.7706	1.79	0.3642	0.99	0.89	1942.01	15.39	2002.12	16.98	1878.61	18.11	1878.6	18.1	-3.0%	08TAU02_58
0.29	4.9210	1.96	0.3164	1.41	0.88	1805.86	16.42	1772.25	21.88	1844.93	17.59	1844.9	17.6	1.9%	08TAU02_85
0.42	4.1764	3.05	0.2707	2.32	0.90	1669.41	24.65	1544.56	31.82	1830.37	24.60	1830.4	24.6	7.8%	08TAU02_9
0.53	4.5065	2.01	0.2924	0.84	0.96	1732.17	16.59	1653.44	12.22	1828.76	22.12	1828.8	22.1	4.7%	08TAU02_4
0.35	5.1769	1.76	0.3362	0.65	1.01	1848.83	14.83	1868.15	10.61	1827.24	19.62	1827.2	19.6	-1.0%	08TAU02_72
0.41	4.8366	1.51	0.3161	1.31	0.94	1791.28	12.66	1770.51	20.28	1815.65	9.75	1815.6	9.7	1.2%	08TAU02_39
0.56	4.7996	1.96	0.3138	0.72	1.01	1784.83	16.36	1759.31	11.11	1814.92	22.05	1814.9	22.1	1.4%	08TAU02_3
0.40	4.5376	1.70	0.2974	1.39	0.93	1737.88	14.03	1678.63	20.57	1810.13	11.99	1810.1	12.0	3.5%	08TAU02_30
0.56	4.4229	1.74	0.2941	1.43	0.92	1716.64	14.33	1661.77	20.93	1784.41	12.55	1784.4	12.6	3.2%	08TAU02_33
0.41	4.0829	1.66	0.2721	1.42	0.92	1650.89	13.45	1551.30	19.61	1780.16	11.66	1780.2	11.7	6.2%	08TAU02_43
0.54	4.7725	36.45	0.3206	0.80	0.92	1780.08	14.02	1792.57	12.44	1765.59	18.09	1765.6	18.1	-0.7%	08TAU02_61
0.51	3.7407	2.17	0.2519	1.53	0.89	1580.13	17.22	1448.16	19.86	1761.18	19.11	1761.2	19.1	8.7%	08TAU02_56
0.32	4.2406	2.03	0.2860	1.58	0.91	1681.92	16.54	1621.54	22.59	1758.13	15.88	1758.1	15.9	3.7%	08TAU02_81
0.45	4.2967	2.21	0.2903	0.77	1.08	1692.74	18.04	1642.82	11.16	1755.29	24.40	1755.3	24.4	3.0%	08TAU02_19
0.32	4.6064	2.97	0.3148	1.36	0.94	1750.43	24.47	1764.20	20.97	1734.36	31.60	1734.4	31.6	-0.8%	08TAU02_116
0.31	3.7356	2.19	0.2576	0.75	1.10	1579.03	17.43	1477.73	9.85	1717.29	24.36	1717.3	24.4	6.6%	08TAU02_20
0.46	3.8999	1.62	0.2861	1.12	0.89	1613.66	13.02	1621.81	16.00	1603.10	14.86	1603.1	14.9	-0.5%	08TAU02_87
0.27	3.4002	1.99	0.2522	1.83	0.96	1504.43	15.52								

0.45	3.2911	1.69	0.2523	1.40	0.93	1478.96	13.09	1450.47	18.21	1520.26	11.87	1520.3	11.9	1.9%	08TAU02_34
0.35	3.5198	1.67	0.2711	0.78	0.93	1531.67	13.12	1546.24	10.70	1511.73	18.56	1511.7	18.6	-0.9%	08TAU02_63
0.39	3.2394	2.22	0.2496	0.77	1.07	1466.64	17.07	1436.46	9.97	1510.78	25.38	1510.8	25.4	2.1%	08TAU02_23
0.38	3.8272	2.93	0.2970	1.30	0.96	1598.48	23.35	1676.65	19.10	1497.26	32.45	1497.3	32.5	-4.8%	08TAU02_117
0.37	2.6839	1.83	0.2100	0.98	0.88	1324.03	13.41	1228.88	10.99	1481.62	20.05	1481.6	20.0	7.5%	08TAU02_62
0.25	2.9592	2.24	0.2361	1.33	0.91	1397.20	16.84	1366.28	16.36	1444.94	22.25	1444.9	22.2	2.2%	08TAU02_13
0.24	2.9119	1.69	0.2324	1.39	0.93	1385.00	12.73	1347.27	16.83	1443.81	12.68	1443.8	12.7	2.8%	08TAU02_31
0.49	3.0746	1.93	0.2485	1.71	0.94	1426.39	14.71	1430.68	21.89	1420.20	12.82	1420.2	12.8	-0.3%	08TAU02_54
0.24	2.4619	1.92	0.1997	1.73	0.95	1260.91	13.75	1173.80	18.50	1412.99	11.27	1413.0	11.3	7.2%	08TAU02_52
0.28	2.5401	2.34	0.2063	1.44	0.89	1283.60	16.93	1209.18	15.86	1410.62	23.51	1410.6	23.5	6.0%	08TAU02_14
0.42	2.9860	2.98	0.2433	1.34	0.94	1404.07	22.45	1403.68	16.94	1405.01	33.61	1405.0	33.6	0.0%	08TAU02_120
0.50	2.9185	1.66	0.2410	1.12	0.88	1386.72	12.50	1391.78	14.01	1378.99	16.62	1379.0	16.6	-0.4%	08TAU02_88
0.29	2.8423	1.74	0.2350	0.85	0.90	1366.79	12.99	1360.89	10.46	1376.15	19.85	1376.1	19.8	0.4%	08TAU02_64
0.49	2.7937	1.94	0.2312	1.68	0.93	1353.86	14.43	1341.04	20.37	1374.35	14.23	1374.3	14.2	1.0%	08TAU02_48
0.66	2.7756	1.55	0.2301	1.25	0.90	1349.00	11.48	1335.25	15.11	1370.96	13.40	1371.0	13.4	1.0%	08TAU02_45
0.49	2.6848	2.30	0.2241	1.38	0.90	1324.29	16.87	1303.38	16.22	1358.49	23.54	1358.5	23.5	1.6%	08TAU02_15
0.40	2.8013	1.86	0.2376	1.64	0.94	1355.88	13.80	1374.02	20.20	1327.58	12.42	1327.6	12.4	-1.3%	08TAU02_47
0.30	2.6690	2.93	0.2271	1.29	0.96	1319.92	21.45	1319.40	15.38	1321.12	33.32	1321.1	33.3	0.0%	08TAU02_119
0.39	2.6298	1.81	0.2254	1.62	0.95	1309.02	13.22	1310.23	19.16	1307.22	10.81	1307.2	10.8	-0.1%	08TAU02_49
0.37	2.2116	2.46	0.1924	1.54	0.88	1184.71	17.05	1134.47	16.05	1277.85	25.43	1277.8	25.4	4.3%	08TAU02_8
0.43	2.5706	1.64	0.2254	1.40	0.93	1292.31	11.89	1310.57	16.60	1262.19	12.12	1262.2	12.1	-1.4%	08TAU02_102
0.57	2.3713	2.54	0.2083	1.73	0.90	1234.00	17.98	1219.60	19.15	1259.46	24.24	1259.5	24.2	1.2%	08TAU02_11
0.16	2.3538	1.54	0.2099	1.00	0.89	1228.69	10.90	1228.03	11.18	1229.92	15.48	1229.9	15.5	0.1%	08TAU02_93
0.29	1.8965	1.69	0.1829	1.15	0.87	1079.87	11.17	1082.59	11.41	1074.42	17.66	1074.4	17.7	-0.3%	08TAU02_94
0.27	1.6164	2.00	0.1602	0.77	0.98	976.60	12.44	958.05	6.89	1018.70	24.93	1018.7	24.9	1.9%	08TAU02_6
0.39	1.9671	2.65	0.1952	1.29	0.88	1104.30	17.67	1149.43	13.56	1016.63	32.79	1016.6	32.8	-4.0%	08TAU02_25
0.14	1.8610	1.74	0.1854	0.87	0.90	1067.33	11.43	1096.56	8.73	1008.20	20.73	1008.2	20.7	-2.7%	08TAU02_60
0.24	1.5655	2.25	0.1564	0.82	1.04	956.65	13.85	936.80	7.13	1002.74	27.71	1002.7	27.7	2.1%	08TAU02_21
0.26	1.5992	1.98	0.1599	0.77	0.99	969.90	12.32	956.37	6.80	1000.82	24.79	1000.8	24.8	1.4%	08TAU02_5
0.16	1.6476	1.75	0.1648	1.50	0.92	988.65	10.99	983.61	13.66	999.94	13.86	999.9	13.9	0.5%	08TAU02_99
0.39	1.5941	2.06	0.1597	0.87	0.94	967.89	12.79	954.88	7.70	997.72	25.85	997.7	25.9	1.4%	08TAU02_7
0.31	1.6508	1.67	0.1659	1.44	0.92	989.88	10.51	989.25	13.15	991.37	13.10	991.4	13.1	0.1%	08TAU02_40
0.25	1.5383	2.00	0.1547	1.57	0.88	945.82	12.25	927.24	13.58	989.51	19.40	989.5	19.4	2.0%	08TAU02_29
0.24	1.7224	1.63	0.1732	1.04	0.86	1016.91	10.39	1029.88	9.85	989.12	18.16	989.1	18.2	-1.3%	08TAU02_91
0.37	1.6508	1.70	0.1664	1.37	0.89	989.87	10.71	992.41	12.61	984.35	16.27	984.4	16.3	-0.3%	08TAU02_101
0.34	1.6176	2.08	0.1638	1.64	0.86	977.07	12.94	977.66	14.90	975.86	21.57	975.9	21.6	-0.1%	08TAU02_97
0.26	1.6655	2.72	0.1697	1.86	0.80	995.49	17.09	1010.43	17.38	962.79	33.51	962.8	33.5	-1.5%	08TAU02_82
0.15	1.3856	1.98	0.1426	1.52	0.87	882.81	11.59	859.33	12.20	942.35	20.14	859.3	12.2	2.7%	08TAU02_32
0.99	1.3526	2.28	0.1411	0.95	0.87	868.70	13.21	851.01	7.57	914.24	31.01	851.0	7.6	2.1%	08TAU02_1
0.33	0.9448	1.73	0.1110	0.57	1.08	675.37	8.48	678.36	3.66	665.51	23.23	678.4	3.7	-0.4%	08TAU02_69
0.66	0.8940	2.09	0.1063	1.72	0.88	648.54	9.99	651.42	10.62	638.75	21.13	651.4	10.6	-0.4%	08TAU02_46
0.65	0.8740	1.76	0.1055	0.91	0.90	637.76	8.32	646.39	5.60	607.43	22.12	646.4	5.6	-1.3%	08TAU02_59
0.84	0.8446	1.76	0.1019	0.88	0.90	621.68	8.13	625.45	5.26	608.11	22.35	625.5	5.3	-0.6%	08TAU02_57
0.21	0.8308	3.40	0.1015	2.18	0.73	614.05	15.53	623.45	12.96	579.67	50.06	623.4	13.0	-1.5%	08TAU02_98
6.84	0.7688	5.25	0.0988	2.82	0.64	579.09	22.92	607.41	16.33	469.52	87.32	607.4	16.3	-4.8%	08TAU02_86
0.37	0.8234	2.15	0.0987	0.91	0.84	609.92	9.82	606.93	5.26	621.15	31.45	606.9	5.3	0.5%	08TAU02_75
1.28	0.8105	2.08	0.0977	1.61	0.91	602.72	9.41	601.20	9.23	608.53	19.80	601.2	9.2	0.3%	08TAU02_78
6.84	0.7991	2.83	0.0972	1.43	0.72	596.32	12.69	597.97	8.15	590.18	43.91	598.0	8.1	-0.3%	08TAU02_65
0.48	0.5270	2.58	0.0691	1.51	0.85	429.79	9.01	430.60	6.29	425.70	33.73	430.6	6.3	-0.2%	08TAU02_10
0.32	0.0949	3.01	0.0140	1.75	0.72	92.03	2.65	89.53	1.55	157.34	49.36	89.5	1.6	2.7%	08TAU02_84