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Xu, J., Snedden, J.W., Stockli, D.F., Fulthorpe, C.S., and Galloway, W.E., 2016, Early Miocene continental-scale sediment supply to the Gulf of Mexico Basin based on detrital zircon analysis: GSA Bulletin, doi:10.1130/B31465.1.

Data repository

ZIRCON U-PB LA-ICP-MS METHODOLOGY

Zircon U-Pb geochronology was conducted at the laser ablation high-resolution inductively coupled plasma mass spectrometry (LA-HR-ICP-MS) laboratory at the University of Texas at Austin (UTChron Laboratory, Department of Geological Sciences). Nineteen samples from the northern Gulf of Mexico coast were selected for study. Each sample was crushed and pulverized. All grains were passed through a Wilfley water table for hydrodynamic separation of relative high-density minerals from low density ones. Heavy liquids with densities of 2.84 g/cc (Bromoform) and 3.3 g/cc (methylene iodide, MEI) were used to further separate minerals by density. Frantz, a kind of magnetic mineral separator, was performed on mineral separation based on magnetic susceptibility. This step was followed by visual selection of barite, pyrite and rutile under a binocular microscope to remove non-zircon grains. Zircons from each sample are randomly selected for isotopic analysis to avoid bias. Zircons were sprinkled onto double-sided tape and depth-profiled, which allows for detection of thin (≤5 μm) rims.

The LA-ICP-MS system consisted of a PhotonMachines Analyte.G2 ArF excimer 193nm laser, equipped with a two-volume Helex 9 sample cell, coupled to a ThermoFisher Element 2 double-focusing magnetic sector ICP-MS. Helium was used as the carrier gas and mixed with Argon before entering the ICPMS. All analyses were conducted in static mode with a laser beam diameter of 30μm, operated with an energy density of 1.43 J/cm2, and a pulse rate of 10 Hz. Zircon analysis consisted of 6 cleaning shots, 25 seconds of baseline data collection, 30 seconds of laser dwell time, and 35 seconds of washout. Ablation rates of ~0.5μm/second mean that only the outer 15-17μm of zircons are typically sampled by this technique.

Elemental and isotopic fractionation of Pb/U and Pb isotopes, respectively, is correct by interspersed analysis of primary zircon standard GJ1 (206Pb/238U 601.7 ± 1.3 Ma; Jackson et al., 2004). The common unknown to standard measurement ratio is generally 4:1 at UTChron. Uncertainty resulting from calibration correction is generally 1-2% for both 206Pb/207Pb and 206Pb/238U. An internal lab zircon standard (Pak 1 and Plesovice) is used as a secondary reference. Age calculation was performed using Iolite (Igor Pro) and VizualAge (Petrus and Kamber, 2012), based on ISOPLOT V3 formulas (Ludwig, 2003) from baseline-subtracted intensities. No correction was applied for common Pb due to interferences in measurement of 204Pb; however, common Pb was evaluated graphically and high Pbc zones usually rejected. Errors for isotopic ratios are presented at 2-sigma absolute error.

REFERENCE CITED

Jackson, S.E., Pearson, N.J., Griffin, W.L., and Belousova, E.A., 2004, The application of laser ablation-inductively coupled plasma-mass spectrometry to in situ U–Pb zircon geochronology: Chemical Geology, v. 211, no. 1-2, p. 47–69.

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ROCK SAMPLE INFORMATION

TABLE DR1. DETRITAL ZIRCON SAMPLES FROM OUTCROPS ACROSS THE NORTHERN GULF COASTAL PLAIN

Outcrop sample	Local formation name	Latitude	Longitude	Sedimentary facies
GOM2	Oakville	28.104964	-98.390381	Fluvial channel
GOM3	Oakville	28.324192	-98.232987	Fluvial channel
GOM4	Oakville	28.803502	-97.798488	Fluvial channel
GOM5	Oakville	30.146861	-96.640822	Fluvial channel
GOM6	Oakville	30.330725	-96.314522	Fluvial channel
GOM7	Oakville	30.451781	-96.026872	Fluvial channel
GOM8	Oakville	31.055100	-94.028200	Fluvial channel
GOM9	Lena	31.196412	-93.564165	Fluvial channel
GOM10	Carnahan Bayou	31.196412	-93.564165	Fluvial channel
GOM11	Carnahan Bayou	31.239455	-93.378590	Fluvial channel
GOM12	Catahoula	31.512663	-93.031941	Fluvial channel
GOM13	Lena	31.440175	-92.949738	Sheet splay
GOM14	Catahoula	31.999614	-90.964758	Fluvial channel
GOM15	Catahoula	31.551700	-89.321842	Shallow marine*
GOM16	Catahoula	31.682821	-88.683854	Fluvial channel
GOM19	Chipola	30.469205	-84.982084	Shallow marine

* Uncertainty of sedimentary facies due to very limited exposure.

TABLE DR2. DETRITAL ZIRCON SAMPLES FROM SUBSURFACE CORES

Core sample	Lease name	Formation	Depth (ft)	Latitude	Longitude	Sedimentary Facies
GOM1	Sorenson Gu #2	Lower Miocene	3877-3877.5	26.108090	-98.119870	Fluvial channel
GOM17	Gavin #1	Basal undifferential Miocene Alum Bluff	232.0-264.0	30.759199	-86.199996	Fluvial channel
GOM18	Kohler #1	Basal undifferential Miocene Alum Bluff	238.0-263.0	30.702800	-86.035598	Fluvial channel

Table DR3. Detrital zircon U-Pb Geochronologic analyses of lower Miocene sandstones by LA-ICP-MS

Sample: GOM1	Isotopic Ratios							Isotopic ages (Ma)								
Analysis	[U] ppm	U/Th	207/235	2σ err.	206/238	2σ err.	RHO	207/235	2σ err.	206/238	2σ err.	207/206	2σ err.	Best age	2σ err.	% Dis.
GOM1_106	85.3	0.87	0.0358	0.0058	0.0055	0.0004	0.2250	35.5	5.7	35.3	2.4	10	310	35.3	2.4	0.6
GOM1_37	95.3	1.20	0.0377	0.0034	0.0055	0.0003	0.0671	37.5	3.3	35.6	1.9	260	210	35.6	1.9	5.1
GOM1_53	274	0.50	0.0399	0.0023	0.0058	0.0002	0.2748	39.7	2.3	37.2	1.4	220	130	37.2	1.4	6.3
GOM1_97	932	5.32	0.0478	0.0012	0.0074	0.0002	0.1004	47.4	1.1	47.2	1.0	116	63	47.2	1.0	0.3
GOM1_29	231.2	1.00	0.0569	0.0037	0.0087	0.0003	0.1642	56.1	3.5	55.6	1.7	80	130	55.6	1.7	0.9
GOM1_82	187	1.71	0.0578	0.0036	0.0091	0.0003	0.0715	57.4	3.3	58.4	1.8	80	130	58.4	1.8	1.7
GOM1_95	138.9	13.20	0.0634	0.0045	0.0096	0.0003	0.1903	62.3	4.3	61.4	1.9	90	130	61.4	1.9	1.4
GOM1_114	790	1.05	0.0661	0.0020	0.0103	0.0002	0.0539	65.0	1.9	65.9	1.3	69	77	65.9	1.3	1.4
GOM1_38	78.8	0.79	0.0751	0.0052	0.0110	0.0004	0.1256	74.1	5.1	70.4	2.3	260	150	70.4	2.3	5.0
GOM1_117	890	2.65	0.0734	0.0018	0.0112	0.0002	0.3573	71.9	1.7	71.5	1.2	113	52	71.5	1.2	0.6
GOM1_79	170	1.32	0.0824	0.0075	0.0121	0.0005	0.0474	80.2	7.0	77.7	3.2	180	190	77.7	3.2	3.1
GOM1_4	122.2	1.09	0.0835	0.0043	0.0126	0.0004	0.0682	81.3	4.0	80.9	2.4	150	120	80.9	2.4	0.5
GOM1_98	354	0.80	0.0832	0.0071	0.0129	0.0006	0.1141	81.0	6.6	82.7	3.9	70	190	82.7	3.9	2.1
GOM1_19	467	1.53	0.0933	0.0029	0.0142	0.0003	0.1861	90.5	2.7	90.8	1.9	90	73	90.8	1.9	0.3
GOM1_18	153	1.07	0.0989	0.0052	0.0148	0.0005	0.1512	95.6	4.8	94.7	3.2	100	110	94.7	3.2	0.9
GOM1_12	249	0.32	0.1022	0.0071	0.0150	0.0006	0.3209	100.2	6.9	96.2	3.7	180	150	96.2	3.7	4.0
GOM1_93	463	0.88	0.1000	0.0031	0.0152	0.0004	0.3675	96.7	2.9	97.4	2.4	64	59	97.4	2.4	0.7
GOM1_122	884	3.38	0.1018	0.0065	0.0155	0.0010	0.6709	98.4	6.0	99.1	6.5	100	110	99.1	6.5	0.7
GOM1_120	500	0.85	0.1035	0.0031	0.0156	0.0003	0.2590	100.4	2.7	100.0	1.9	134	68	100.0	1.9	0.4
GOM1_83	214	0.89	0.1114	0.0043	0.0163	0.0004	0.0087	107.1	3.9	104.4	2.5	146	82	104.4	2.5	2.5
GOM1_81	227.9	1.12	0.1106	0.0035	0.0164	0.0003	0.2577	106.4	3.2	105.1	1.9	155	72	105.1	1.9	1.2
GOM1_103	35.1	0.93	0.1190	0.0140	0.0168	0.0009	0.1682	113.0	13.0	107.4	5.4	200	240	107.4	5.4	5.0
GOM1_56	311.2	0.82	0.1731	0.0042	0.0253	0.0003	0.4413	162.0	3.6	160.9	2.1	175	46	160.9	2.1	0.7
GOM1_108	153	0.34	0.1698	0.0082	0.0254	0.0011	0.0618	159.1	7.1	161.7	6.7	140	120	161.7	6.7	1.6
GOM1_87	196.8	0.98	0.1783	0.0077	0.0258	0.0008	0.2924	166.4	6.7	163.9	5.1	219	89	163.9	5.1	1.5
GOM1_44	127	0.32	0.1797	0.0063	0.0261	0.0007	0.3272	167.6	5.4	166.0	4.1	239	82	166.0	4.1	1.0
GOM1_111	314	0.50	0.1817	0.0056	0.0265	0.0006	0.1448	169.5	4.8	168.8	3.7	168	86	168.8	3.7	0.4
GOM1_73	259	1.60	0.1974	0.0069	0.0278	0.0006	0.3997	182.6	5.9	176.8	3.7	286	69	176.8	3.7	3.2
GOM1_59	226	1.58	0.1896	0.0053	0.0278	0.0005	0.1000	176.1	4.5	177.0	3.3	177	70	177.0	3.3	0.5
GOM1_70	187.7	0.47	0.2243	0.0054	0.0330	0.0006	0.2055	205.3	4.5	209.2	3.9	201	58	209.2	3.9	1.9
GOM1_41	210	0.96	0.2639	0.0063	0.0369	0.0005	0.2285	237.6	5.1	233.5	3.3	302	57	233.5	3.3	1.7
GOM1_124	153.4	1.10	0.2630	0.0110	0.0374	0.0010	0.3487	236.6	8.5	236.5	6.3	249	88	236.5	6.3	0.0
GOM1_91	65	1.26	0.2700	0.0140	0.0380	0.0011	0.0825	242.0	11.0	240.4	7.1	270	110	240.4	7.1	0.7
GOM1_31	39.3	0.86	0.2730	0.0170	0.0382	0.0017	0.3940	244.0	13.0	242.0	10.0	360	150	242.0	10.0	0.8
GOM1_49	333	1.06	0.2841	0.0065	0.0398	0.0008	0.2370	254.3	5.0	251.6	4.7	292	68	251.6	4.7	1.1
GOM1_119	601	6.31	0.2914	0.0059	0.0406	0.0006	0.3146	259.5	4.6	256.6	3.6	266	50	256.6	3.6	1.1
GOM1_76	316	1.80	0.2893	0.0082	0.0411	0.0007	0.1224	257.6	6.5	259.8	4.5	241	67	259.8	4.5	0.9
GOM1_85	370.3	0.71	0.3920	0.0170	0.0527	0.0016	0.2325	335.0	13.0	331.0	10.0	328	94	331.0	10.0	1.2
GOM1_63	186	1.32	0.3928	0.0091	0.0540	0.0010	0.2546	336.0	6.6	339.6	6.0	353	54	339.6	6.0	1.1
GOM1_3	442	1.02	0.5100	0.0100	0.0610	0.0011	0.4420	418.1	6.7	381.9	6.7	599	38	381.9	6.7	8.7
GOM1_77	240	1.04	0.5020	0.0140	0.0661	0.0016	0.5056	414.6	9.5	412.6	9.4	432	57	412.6	9.4	0.5
GOM1_5	165	2.46	0.4980	0.0300	0.0667	0.0040	0.4806	414.0	18.0	416.0	24.0	410	140	416.0	24.0	0.5
GOM1_11	511	1.11	0.5230	0.0110	0.0669	0.0013	0.1535	426.6	7.4	417.3	8.0	493	43	417.3	8.0	2.2
GOM1_16	113.6	0.63	0.5120	0.0230	0.0671	0.0021	0.4855	418.0	16.0	418.0	13.0	440	89	418.0	13.0	0.0
GOM1_78	226	1.57	0.6410	0.0120	0.0803	0.0014	0.4553	502.8	7.5	498.1	8.2	522	44	498.1	8.2	0.9
GOM1_105	125.5	0.84	0.6370	0.0270	0.0812	0.0020	0.4075	503.0	16.0	503.0	12.0	492	84	503.0	12.0	0.0
GOM1_67	80.3	1.01	0.7010	0.0170	0.0862	0.0016	0.1848	540.0	10.0	533.0	9.5	576	59	533.0	9.5	1.3
GOM1_32	108.9	1.26	0.7380	0.0170	0.0895	0.0017	0.3634	560.5	9.8	552.5	9.8	600	48	552.5	9.8	1.4
GOM1_20	306	1.77	0.8280	0.0160	0.0999	0.0018	0.5833	611.9	8.9	614.0	11.0	610	34	614.0	11.0	0.3
GOM1_102	78	1.45	0.8480	0.0260	0.1019	0.0020	0.1158	622.0	14.0	626.0	12.0	590	72	626.0	12.0	0.6
GOM1_6	87.4	1.09	0.8660	0.0140	0.1046	0.0018	0.1952	632.7	7.9	641.0	10.0	596	48	641.0	10.0	1.3
GOM1_45	149	2.13	1.4850	0.0210	0.1526	0.0018	0.4215	924.5	8.7	915.0	10.0	934	28	915.0	10.0	1.0
GOM1_57	163.3	1.00	1.5580	0.0430	0.1554	0.0041	0.4831	953.0	17.0	931.0	23.0	1002	46	931.0	23.0	2.3
GOM1_121	85.8	1.43	1.5550	0.0390	0.1589	0.0032	0.2500	951.0	15.0	950.0	18.0	934	57	950.0	18.0	0.1
GOM1_96	19.4	1.43	1.6240	0.0580	0.1614	0.0031	0.2139	978.0	22.0	964.0	17.0	1011	71	964.0	17.0	1.4
GOM1_104	469	5.03	1.6150	0.0190	0.1641	0.0021	0.6843	975.6	7.5	979.0	12.0	980	18	979.0	12.0	0.3
GOM1_72	82.2	1.40	1.6490	0.0300	0.1644	0.0025	0.3166	988.0	11.0	983.0	14.0	1007	36	983.0	14.0	0.5

GOM1_34	44.3	1.03	1.7850	0.0420	0.1762	0.0034	0.4321	1040.0	15.0	1046.0	18.0	1001	43	1001.0	43.0	4.5
GOM1_23	47	2.14	1.7410	0.0440	0.1724	0.0041	0.5216	1024.0	16.0	1027.0	22.0	1017	51	1017.0	51.0	1.0
GOM1_26	153.9	1.00	1.7840	0.0290	0.1733	0.0023	0.3057	1039.0	11.0	1030.0	13.0	1056	33	1056.0	33.0	2.5
GOM1_60	254	0.71	1.8540	0.0190	0.1814	0.0025	0.5483	1064.4	6.9	1074.0	13.0	1072	22	1072.0	22.0	0.2
GOM1_36	110.5	1.49	1.7500	0.0290	0.1681	0.0030	0.4907	1026.0	11.0	1001.0	17.0	1073	30	1073.0	30.0	6.7
GOM1_14	28.54	0.80	1.7640	0.0440	0.1689	0.0040	0.3701	1030.0	16.0	1005.0	22.0	1085	49	1085.0	49.0	7.4
GOM1_107	53.9	1.01	1.9750	0.0700	0.1863	0.0047	0.1909	1106.0	24.0	1101.0	26.0	1091	92	1091.0	92.0	0.9
GOM1_2	129.3	1.26	1.9110	0.0240	0.1837	0.0028	0.4105	1086.8	8.5	1087.0	15.0	1096	32	1096.0	32.0	0.8
GOM1_66	88.8	0.75	1.8980	0.0330	0.1813	0.0026	0.3540	1079.0	11.0	1074.0	14.0	1101	33	1101.0	33.0	2.5
GOM1_116	132.7	1.31	1.9110	0.0250	0.1788	0.0023	0.4364	1084.4	8.6	1060.0	13.0	1106	27	1106.0	27.0	4.2
GOM1_17	88.5	1.13	1.9020	0.0380	0.1810	0.0029	0.5172	1082.0	13.0	1072.0	16.0	1109	34	1109.0	34.0	3.3
GOM1_22	117.2	1.99	2.0960	0.0280	0.1955	0.0030	0.5069	1148.2	9.0	1151.0	16.0	1142	29	1142.0	29.0	0.8
GOM1_43	147	1.16	2.0930	0.0370	0.1932	0.0037	0.4682	1147.0	12.0	1138.0	20.0	1145	38	1145.0	38.0	0.6
GOM1_48	216	1.57	2.0510	0.0360	0.1918	0.0042	0.6960	1131.0	12.0	1131.0	23.0	1158	31	1158.0	31.0	2.3
GOM1_90	211	1.48	1.8370	0.0350	0.1697	0.0028	0.6399	1059.0	13.0	1010.0	15.0	1161	28	1161.0	28.0	13.0
GOM1_58	73	0.93	2.1470	0.0640	0.1984	0.0059	0.5121	1161.0	21.0	1170.0	31.0	1182	54	1182.0	54.0	1.0
GOM1_30	44.7	1.25	2.3440	0.0570	0.2094	0.0041	0.3993	1223.0	17.0	1225.0	22.0	1199	45	1199.0	45.0	2.2
GOM1_88	442	1.70	2.2530	0.0280	0.2023	0.0026	0.5624	1197.1	8.7	1187.0	14.0	1227	21	1227.0	21.0	3.3
GOM1_42	56.7	2.12	2.4150	0.0780	0.2142	0.0046	0.7781	1242.0	23.0	1250.0	25.0	1233	42	1233.0	42.0	1.4
GOM1_54	45.79	2.07	2.3600	0.1200	0.1966	0.0076	0.4868	1236.0	34.0	1156.0	41.0	1360	93	1360.0	93.0	15.0
GOM1_71	73.8	2.37	2.8540	0.0730	0.2379	0.0058	0.9107	1366.0	20.0	1374.0	30.0	1360	30	1360.0	30.0	1.0
GOM1_109	52.8	1.14	2.8680	0.0510	0.2393	0.0046	0.4492	1372.0	13.0	1382.0	24.0	1372	34	1372.0	34.0	0.7
GOM1_1	353	0.88	2.9430	0.0280	0.2403	0.0017	0.5718	1392.5	7.1	1388.0	9.1	1396	15	1396.0	15.0	0.6
GOM1_25	193	1.73	3.0810	0.0390	0.2502	0.0041	0.7535	1427.2	9.8	1445.0	21.0	1404	21	1404.0	21.0	2.9
GOM1_75	44.2	1.78	2.9250	0.0650	0.2343	0.0050	0.6512	1388.0	17.0	1356.0	26.0	1410	35	1410.0	35.0	3.8
GOM1_100	186	1.50	2.9860	0.0480	0.2448	0.0042	0.3203	1403.0	12.0	1411.0	22.0	1411	27	1411.0	27.0	0.0
GOM1_123	179.7	1.17	3.0270	0.0360	0.2440	0.0034	0.5756	1413.9	9.0	1407.0	18.0	1412	22	1412.0	22.0	0.4
GOM1_13	41.6	0.93	2.9580	0.0660	0.2374	0.0048	0.4504	1395.0	17.0	1373.0	25.0	1419	43	1419.0	43.0	3.2
GOM1_52	328	1.06	3.0520	0.0490	0.2461	0.0042	0.7225	1420.0	12.0	1418.0	22.0	1422	22	1422.0	22.0	0.3
GOM1_24	78.3	0.95	3.0390	0.0440	0.2438	0.0037	0.4773	1418.0	11.0	1406.0	19.0	1437	27	1437.0	27.0	2.2
GOM1_113	183	0.98	3.1220	0.0470	0.2532	0.0042	0.7631	1437.0	12.0	1454.0	22.0	1438	21	1438.0	21.0	1.1
GOM1_99	139.8	1.28	3.1390	0.0560	0.2527	0.0051	0.5520	1441.0	14.0	1451.0	26.0	1439	26	1439.0	26.0	0.8
GOM1_28	51.2	1.65	3.1960	0.0690	0.2541	0.0041	0.4002	1459.0	17.0	1459.0	21.0	1455	41	1455.0	41.0	0.3
GOM1_39	192.1	2.19	3.0970	0.0640	0.2455	0.0052	0.7661	1431.0	16.0	1415.0	27.0	1461	26	1461.0	26.0	3.1
GOM1_50	64.9	0.85	3.1170	0.0580	0.2465	0.0048	0.3807	1436.0	14.0	1420.0	25.0	1466	41	1466.0	41.0	3.1
GOM1_84	90.8	1.42	3.5060	0.0560	0.2705	0.0042	0.6276	1527.0	13.0	1543.0	21.0	1530	26	1530.0	26.0	0.8
GOM1_115	206	4.25	4.0460	0.0600	0.2918	0.0045	0.7048	1642.0	12.0	1650.0	23.0	1612	22	1612.0	22.0	2.4
GOM1_10	271	1.33	3.9480	0.0570	0.2829	0.0047	0.8049	1624.0	12.0	1608.0	24.0	1638	18	1638.0	18.0	1.8
GOM1_21	74.9	1.20	3.9200	0.0570	0.2825	0.0053	0.4929	1620.0	12.0	1603.0	27.0	1645	32	1645.0	32.0	2.6
GOM1_101	327	1.57	4.0960	0.0810	0.2904	0.0046	0.7465	1653.0	16.0	1643.0	23.0	1645	25	1645.0	25.0	0.1
GOM1_110	94.9	1.38	3.7980	0.0680	0.2701	0.0052	0.4884	1593.0	15.0	1541.0	26.0	1657	40	1657.0	40.0	7.0
GOM1_55	50.1	1.00	4.1900	0.0780	0.2984	0.0051	0.5013	1670.0	15.0	1683.0	25.0	1658	35	1658.0	35.0	1.5
GOM1_62	109	0.68	3.9540	0.0530	0.2825	0.0042	0.7007	1624.0	11.0	1603.0	21.0	1667	23	1667.0	23.0	3.8
GOM1_68	159	1.05	4.2140	0.0450	0.2990	0.0039	0.6005	1677.4	9.0	1686.0	20.0	1670	22	1670.0	22.0	1.0
GOM1_27	130	0.88	4.0850	0.0430	0.2879	0.0031	0.5446	1652.8	8.5	1631.0	15.0	1671	19	1671.0	19.0	2.4
GOM1_86	78.8	1.20	4.2140	0.0900	0.2955	0.0055	0.4236	1678.0	18.0	1672.0	27.0	1675	26	1675.0	26.0	0.2
GOM1_94	332	2.20	4.1050	0.0530	0.2913	0.0041	0.6501	1654.0	10.0	1647.0	21.0	1679	22	1679.0	22.0	1.9
GOM1_112	200	2.33	4.2300	0.1400	0.2964	0.0088	0.8559	1678.0	26.0	1673.0	44.0	1680	30	1680.0	30.0	0.4
GOM1_15	319	1.31	4.1250	0.0430	0.2892	0.0044	0.7278	1658.6	8.4	1637.0	22.0	1690	18	1690.0	18.0	3.1
GOM1_46	161.9	1.79	4.3590	0.0470	0.3055	0.0036	0.5843	1705.0	8.7	1718.0	18.0	1698	18	1698.0	18.0	1.2
GOM1_47	201	1.05	4.3050	0.0640	0.3004	0.0052	0.6838	1693.0	12.0	1692.0	26.0	1700	22	1700.0	22.0	0.5
GOM1_118	180	1.03	4.4800	0.0580	0.3133	0.0048	0.7179	1728.0	11.0	1756.0	24.0	1704	17	1704.0	17.0	3.1
GOM1_92	84.7	1.64	4.4670	0.0910	0.3094	0.0064	0.7186	1722.0	17.0	1736.0	31.0	1707	33	1707.0	33.0	1.7
GOM1_61	408	2.59	4.4610	0.0730	0.3097	0.0062	0.7550	1722.0	14.0	1742.0	30.0	1713	25	1713.0	25.0	1.7
GOM1_69	422	3.66	4.3800	0.0770	0.3058	0.0082	0.8752	1708.0	15.0	1719.0	40.0	1715	23	1715.0	23.0	0.2
GOM1_9	222	1.73	4.5220	0.0590	0.3070	0.0046	0.7718	1735.0	11.0	1728.0	23.0	1736	17	1736.0	17.0	0.5
GOM1_7	58.6	0.65	4.4510	0.0980	0.2960	0.0062	0.4965	1721.0	18.0	1671.0	31.0	1799	45	1799.0	45.0	7.1
GOM1_40	322	5.49	5.1290	0.0720	0.3386	0.0054	0.7094	1840.0	12.0	1880.0	26.0	1801	22	1801.0	22.0	4.4
GOM1_80	69.1	0.69	11.0400	0.1600	0.4826	0.0074	0.6652	2526.0	13.0	2537.0	32.0	2512	20	2512.0	20.0	1.0
GOM1_65	402	1.31	10.4700	0.1200	0.4586	0.0065	0.7456	2478.0	11.0	2433.0	29.0	2517	14	2517.0	14.0	3.3

GOM1_8	88.8	1.18	13.6500	0.3300	0.5150	0.0130	0.6376	2725.0	23.0	2676.0	54.0	2776	43	2776.0	43.0	3.6

Sample: GOM2	Isotopic Ratios							Isotopic ages (Ma)								
Analysis	[U] ppm	U/Th	207/235	2σ err.	206/238	2σ err.	RHO	207/235	2σ err.	206/238	2σ err.	207/206	2σ err.	Best age	2σ err.	% Dis.
GOM2_96	29.29	0.30	0.0273	0.0048	0.0042	0.0003	0.0000	27.2	4.8	27.2	1.6	680	150	27.2	1.6	0.0
GOM2_99	50.6	0.25	0.0289	0.0033	0.0044	0.0002	0.0000	28.8	3.3	28.6	1.2	580	120	28.6	1.2	0.7
GOM2_80	163.7	0.36	0.0290	0.0012	0.0045	0.0001	0.0000	29.0	1.2	28.6	0.6	262	56	28.6	0.6	1.3
GOM2_102	130.4	0.49	0.0317	0.0020	0.0045	0.0001	0.0000	31.7	1.9	28.9	0.8	497	76	28.9	0.8	9.0
GOM2_76	83	0.88	0.0306	0.0032	0.0047	0.0002	0.0000	30.5	3.1	29.9	1.2	510	110	29.9	1.2	2.0
GOM2_49	157	1.13	0.0315	0.0016	0.0048	0.0001	0.0000	31.4	1.6	30.7	0.8	289	65	30.7	0.8	2.1
GOM2_20	258	1.86	0.0309	0.0010	0.0048	0.0001	0.0000	30.9	0.9	30.9	0.6	157	39	30.9	0.6	0.1
GOM2_11	295	1.05	0.0330	0.0013	0.0049	0.0001	0.0000	32.9	1.3	31.5	0.6	304	57	31.5	0.6	4.3
GOM2_79	193.9	1.22	0.0327	0.0015	0.0050	0.0001	0.0000	32.7	1.4	31.9	0.6	278	52	31.9	0.6	2.4
GOM2_32	59.7	1.05	0.0329	0.0034	0.0050	0.0003	0.0000	32.8	3.4	32.3	1.9	411	99	32.3	1.9	1.5
GOM2_95	152.7	0.41	0.0325	0.0013	0.0052	0.0001	0.0000	32.4	1.3	33.5	0.8	224	50	33.5	0.8	3.4
GOM2_108	97.4	0.93	0.0377	0.0031	0.0056	0.0002	0.0000	37.6	3.1	36.0	1.4	490	130	36.0	1.4	4.3
GOM2_42	114	0.83	0.0389	0.0032	0.0056	0.0001	0.0000	38.6	3.1	36.2	0.9	450	100	36.2	0.9	6.3
GOM2_90	81.7	0.67	0.0358	0.0028	0.0057	0.0002	0.0000	35.7	2.7	36.5	1.4	352	79	36.5	1.4	2.2
GOM2_19	112	0.66	0.0409	0.0024	0.0057	0.0002	0.0000	40.6	2.3	36.8	1.1	299	80	36.8	1.1	9.4
GOM2_115	145.9	1.01	0.0378	0.0016	0.0057	0.0001	0.0000	37.6	1.6	36.8	0.7	290	53	36.8	0.7	2.0
GOM2_12	478	14.40	0.0410	0.0041	0.0058	0.0004	0.0000	40.8	4.0	37.1	2.5	248	84	37.1	2.5	9.1
GOM2_117	82.3	0.63	0.0401	0.0035	0.0059	0.0002	0.0000	39.9	3.4	38.2	1.2	264	54	38.2	1.2	4.3
GOM2_48	21.57	0.59	0.0421	0.0064	0.0067	0.0003	0.0000	41.5	6.2	42.8	1.9	670	130	42.8	1.9	3.1
GOM2_39	17.8	0.63	0.0406	0.0075	0.0068	0.0004	0.0000	39.9	7.3	43.4	2.3	760	170	43.4	2.3	8.8
GOM2_24	206.4	1.43	0.0554	0.0016	0.0086	0.0002	0.0000	54.8	1.6	55.0	1.0	181	33	55.0	1.0	0.4
GOM2_93	36.4	0.91	0.0547	0.0096	0.0086	0.0008	0.0000	53.8	9.2	55.3	5.1	510	180	55.3	5.1	2.8
GOM2_40	215	1.08	0.0564	0.0019	0.0088	0.0001	0.0000	55.6	1.8	56.7	0.8	179	35	56.7	0.8	2.0
GOM2_72	486	0.99	0.0573	0.0013	0.0089	0.0001	0.0000	56.6	1.2	57.0	0.8	117	26	57.0	0.8	0.6
GOM2_5	158	1.07	0.0585	0.0021	0.0090	0.0002	0.0000	57.7	2.0	57.7	1.0	181	32	57.7	1.0	0.0
GOM2_55	136	1.05	0.0610	0.0023	0.0091	0.0003	0.0000	60.5	2.3	58.1	1.6	335	70	58.1	1.6	4.0
GOM2_35	137	1.13	0.0568	0.0027	0.0091	0.0003	0.0000	56.0	2.6	58.5	2.0	141	41	58.5	2.0	4.5
GOM2_58	83.9	1.93	0.0624	0.0032	0.0091	0.0003	0.0000	61.4	3.0	58.6	1.7	294	56	58.6	1.7	4.6
GOM2_33	190	1.25	0.0616	0.0020	0.0092	0.0002	0.0000	60.9	2.0	58.8	1.0	207	41	58.8	1.0	3.4
GOM2_29	179	1.57	0.0600	0.0018	0.0092	0.0002	0.0000	59.2	1.7	58.9	1.1	187	32	58.9	1.1	0.5
GOM2_70	158	1.62	0.0599	0.0023	0.0092	0.0002	0.0000	59.0	2.2	59.2	1.2	226	45	59.2	1.2	0.3
GOM2_54	177.3	1.07	0.0579	0.0018	0.0093	0.0002	0.0000	57.1	1.7	59.6	1.2	164	37	59.6	1.2	4.4
GOM2_77	356	4.99	0.0606	0.0013	0.0094	0.0002	0.0000	59.8	1.3	60.2	0.9	156	26	60.2	0.9	0.7
GOM2_38	186.9	1.31	0.0638	0.0020	0.0096	0.0002	0.0000	62.8	1.9	61.7	1.0	192	29	61.7	1.0	1.8
GOM2_21	273	3.35	0.0665	0.0021	0.0100	0.0004	0.0000	65.4	2.0	64.2	2.4	181	49	64.2	2.4	1.8
GOM2_83	272.2	2.79	0.0706	0.0017	0.0110	0.0002	0.0000	69.3	1.6	70.7	1.3	122	29	70.7	1.3	2.0
GOM2_97	85.4	0.52	0.0734	0.0033	0.0113	0.0003	0.0000	71.8	3.1	72.4	1.8	248	44	72.4	1.8	0.8
GOM2_52	83.8	2.32	0.0830	0.0034	0.0116	0.0002	0.0000	80.9	3.2	74.2	1.3	340	45	74.2	1.3	8.3
GOM2_22	203.4	5.28	0.0799	0.0024	0.0117	0.0002	0.0000	78.0	2.3	75.0	1.0	257	37	75.0	1.0	3.8
GOM2_73	277	5.54	0.0777	0.0016	0.0119	0.0002	0.0000	76.0	1.5	76.1	1.0	126	23	76.1	1.0	0.1
GOM2_45	90.9	0.76	0.0808	0.0072	0.0119	0.0004	0.0000	78.7	6.7	76.2	2.7	510	220	76.2	2.7	3.2
GOM2_60	430	3.04	0.0797	0.0020	0.0121	0.0002	0.0000	77.8	1.9	77.6	1.2	163	29	77.6	1.2	0.3
GOM2_86	164.4	0.94	0.0839	0.0031	0.0130	0.0003	0.0000	82.5	2.9	83.0	1.6	181	34	83.0	1.6	0.6
GOM2_71	125	1.14	0.0881	0.0031	0.0134	0.0003	0.0000	85.7	2.8	85.6	1.7	214	39	85.6	1.7	0.1
GOM2_69	175.4	1.14	0.0968	0.0032	0.0143	0.0003	0.0000	93.8	3.0	91.7	2.1	226	41	91.7	2.1	2.2
GOM2_107	176	1.88	0.0986	0.0025	0.0151	0.0003	0.0000	95.4	2.3	96.7	1.7	152	24	96.7	1.7	1.4
GOM2_53	236	1.25	0.1010	0.0029	0.0154	0.0003	0.0000	97.7	2.7	98.2	1.6	139	29	98.2	1.6	0.5
GOM2_106	120	0.66	0.1307	0.0041	0.0197	0.0004	0.0000	124.6	3.7	125.8	2.6	222	43	125.8	2.6	1.0
GOM2_112	47.2	0.66	0.1398	0.0065	0.0202	0.0005	0.0000	132.5	5.7	128.6	3.0	339	57	128.6	3.0	2.9
GOM2_26	152	0.68	0.1604	0.0040	0.0239	0.0004	0.0000	151.0	3.5	152.2	2.8	175	26	152.2	2.8	0.8
GOM2_59	100.1	0.72	0.1729	0.0053	0.0254	0.0004	0.0000	162.5	4.7	161.8	2.6	237	34	161.8	2.6	0.4
GOM2_103	285.1	0.61	0.1710	0.0026	0.0254	0.0002	0.0000	160.3	2.3	161.8	1.5	163	22	161.8	1.5	0.9
GOM2_37	230	0.65	0.1838	0.0051	0.0266	0.0005	0.0000	171.3	4.4	169.0	2.9	195	32	169.0	2.9	1.3
GOM2_98	375.4	1.27	0.1835	0.0026	0.0270	0.0003	0.0000	171.0	2.3	171.5	1.7	179	20	171.5	1.7	0.3
GOM2_63	256	0.63	0.1860	0.0032	0.0270	0.0003	0.0000	173.2	2.8	171.8	2.0	177	27	171.8	2.0	0.8

GOM2_109	305.3	0.87	0.1871	0.0036	0.0270	0.0003	0.0000	174.1	3.1	171.8	2.1	208	32	171.8	2.1	1.3
GOM2_4	324.1	0.88	0.1830	0.0060	0.0272	0.0003	0.0000	170.6	5.1	172.7	2.1	192	43	172.7	2.1	1.2
GOM2_92	239.9	1.14	0.1899	0.0028	0.0278	0.0003	0.0000	176.5	2.4	177.0	1.8	188	21	177.0	1.8	0.3
GOM2_101	84.4	14.10	0.2052	0.0098	0.0286	0.0007	0.0000	189.2	8.3	181.8	4.1	279	56	181.8	4.1	3.9
GOM2_87	1086	1.00	0.2135	0.0032	0.0300	0.0004	0.0000	196.4	2.7	190.6	2.5	268	21	190.6	2.5	3.0
GOM2_105	254	0.89	0.2073	0.0027	0.0301	0.0002	0.0000	191.2	2.3	191.3	1.4	191	18	191.3	1.4	0.1
GOM2_85	118	1.86	0.2127	0.0056	0.0312	0.0004	0.0000	195.6	4.7	198.0	2.3	215	29	198.0	2.3	1.2
GOM2_64	290	2.14	0.2294	0.0030	0.0329	0.0003	0.0000	209.6	2.5	208.9	1.7	209	17	208.9	1.7	0.3
GOM2_94	111	0.89	0.2473	0.0066	0.0350	0.0005	0.0000	224.2	5.4	221.5	2.9	275	30	221.5	2.9	1.2
GOM2_110	121.1	1.88	0.2452	0.0055	0.0351	0.0005	0.0000	222.5	4.5	222.2	3.0	265	31	222.2	3.0	0.1
GOM2_67	103.1	0.99	0.2434	0.0074	0.0356	0.0004	0.0000	219.2	4.9	225.3	2.4	236	40	225.3	2.4	2.8
GOM2_6	1121	1.90	0.2505	0.0023	0.0357	0.0002	0.0000	227.0	1.8	225.9	1.4	242	12	225.9	1.4	0.5
GOM2_46	140	0.92	0.2492	0.0045	0.0359	0.0004	0.0000	225.8	3.6	227.4	2.2	274	30	227.4	2.2	0.7
GOM2_7	474.5	3.07	0.2536	0.0022	0.0362	0.0003	0.0000	229.5	1.8	229.1	2.0	236	12	229.1	2.0	0.2
GOM2_120	130.1	0.90	0.2544	0.0045	0.0363	0.0004	0.0000	230.0	3.6	229.5	2.7	244	27	229.5	2.7	0.2
GOM2_89	570	1.51	0.2577	0.0029	0.0364	0.0004	0.0000	232.8	2.3	230.7	2.4	251	17	230.7	2.4	0.9
GOM2_2	550	1.96	0.2581	0.0045	0.0365	0.0005	0.0000	233.0	3.6	231.0	3.3	261	17	231.0	3.3	0.9
GOM2_74	243	1.76	0.2579	0.0035	0.0365	0.0004	0.0000	233.3	2.7	231.3	2.3	236	18	231.3	2.3	0.9
GOM2_51	140.2	0.98	0.2732	0.0047	0.0388	0.0004	0.0000	246.0	3.8	245.3	2.2	257	19	245.3	2.2	0.3
GOM2_43	79.1	0.89	0.2865	0.0069	0.0401	0.0006	0.0000	255.6	5.4	253.5	3.9	252	33	253.5	3.9	0.8
GOM2_1	150	1.08	0.2829	0.0058	0.0406	0.0004	0.0000	252.8	4.6	256.5	2.4	246	22	256.5	2.4	1.5
GOM2_8	221.7	2.99	0.3079	0.0038	0.0436	0.0005	0.0000	272.5	2.9	275.0	3.1	261	20	275.0	3.1	0.9
GOM2_62	330	1.03	0.5960	0.0140	0.0770	0.0019	0.0000	474.6	9.2	478.0	12.0	450	16	478.0	12.0	0.7
GOM2_9	92.1	0.93	0.8280	0.0170	0.0989	0.0013	0.0000	612.3	9.4	607.7	7.6	624	30	607.7	7.6	0.8
GOM2_111	195.7	2.85	1.6670	0.0120	0.1660	0.0010	0.0000	995.9	4.7	990.1	5.6	1008	9	990.1	5.6	0.6
GOM2_62	153	2.13	1.7340	0.0250	0.1723	0.0026	0.0000	1020.8	9.3	1025.0	14.0	1019	13	1019.0	13.0	0.6
GOM2_84	154	1.95	1.8470	0.0180	0.1792	0.0019	0.0000	1064.4	6.6	1062.0	10.0	1075	13	1075.0	13.0	1.2
GOM2_100	73.2	1.30	1.8860	0.0240	0.1805	0.0022	0.0000	1075.6	8.4	1069.0	12.0	1098	13	1098.0	13.0	2.6
GOM2_104	25.2	1.05	1.8710	0.0410	0.1797	0.0029	0.0000	1076.0	14.0	1065.0	16.0	1102	20	1102.0	20.0	3.4
GOM2_23	13.21	0.84	1.8280	0.0940	0.1749	0.0056	0.0000	1053.0	34.0	1039.0	31.0	1123	45	1123.0	45.0	7.5
GOM2_27	69.6	6.03	2.0660	0.0290	0.1939	0.0025	0.0000	1136.8	9.6	1144.0	13.0	1127	11	1127.0	11.0	1.5
GOM2_17	41.2	0.72	2.0100	0.0250	0.1900	0.0022	0.0000	1118.4	8.3	1121.0	12.0	1130	19	1130.0	19.0	0.8
GOM2_81	50.5	1.79	1.9860	0.0280	0.1845	0.0021	0.0000	1109.9	9.6	1091.0	11.0	1148	13	1148.0	13.0	5.0
GOM2_13	75.1	1.14	2.0280	0.0370	0.1903	0.0030	0.0000	1123.0	13.0	1122.0	16.0	1148	11	1148.0	11.0	2.3
GOM2_68	34.7	0.70	2.0900	0.0450	0.1913	0.0035	0.0000	1145.0	15.0	1128.0	19.0	1171	25	1171.0	25.0	3.7
GOM2_93	52.6	0.94	2.2480	0.0280	0.2012	0.0016	0.0000	1195.9	8.9	1181.5	8.8	1218	12	1218.0	12.0	3.0
GOM2_61	60.3	0.77	2.2140	0.0230	0.1992	0.0020	0.0000	1186.0	7.5	1171.0	11.0	1219	13	1219.0	13.0	3.9
GOM2_18	162.2	1.01	2.8820	0.0190	0.2399	0.0015	0.0000	1376.9	5.0	1386.0	8.0	1374	7	1373.5	7.1	0.9
GOM2_91	51.1	0.88	3.0760	0.0380	0.2484	0.0026	0.0000	1425.8	9.5	1430.0	13.0	1409	14	1409.0	14.0	1.5
GOM2_16	185	1.77	2.9720	0.0200	0.2406	0.0019	0.0000	1402.3	5.1	1389.5	9.7	1422	6	1421.9	6.2	2.3
GOM2_10	69.9	0.98	3.1250	0.0630	0.2543	0.0050	0.0000	1437.0	16.0	1460.0	26.0	1422	10	1422.0	10.0	2.7
GOM2_30	207	1.50	3.0620	0.0330	0.2469	0.0027	0.0000	1422.7	8.3	1422.0	14.0	1425	6	1425.2	6.3	0.2
GOM2_57	1087	3.51	2.8710	0.0200	0.2314	0.0019	0.0000	1374.9	5.5	1341.0	10.0	1426	6	1426.1	6.4	6.0
GOM2_3	233	1.63	3.0110	0.0300	0.2412	0.0029	0.0000	1410.0	7.6	1393.0	15.0	1427	12	1427.0	12.0	2.4
GOM2_118	726	2.60	2.9800	0.0280	0.2403	0.0033	0.0000	1402.3	7.3	1388.0	17.0	1432	14	1432.0	14.0	3.1
GOM2_50	340	1.82	2.8520	0.0260	0.2285	0.0022	0.0000	1369.1	6.9	1328.0	12.0	1435	5	1435.4	4.5	7.5
GOM2_12	148	0.64	2.7960	0.0410	0.2222	0.0030	0.0000	1354.0	11.0	1293.0	16.0	1452	13	1452.0	13.0	11.0
GOM2_31	535	2.71	3.0330	0.0260	0.2365	0.0019	0.0000	1415.6	6.5	1368.1	9.9	1479	5	1478.7	4.7	7.5
GOM2_41	94.9	0.92	4.0560	0.0320	0.2901	0.0021	0.0000	1645.9	6.2	1642.0	11.0	1636	9	1636.0	8.5	0.4
GOM2_56	330	3.41	3.8750	0.0640	0.2743	0.0063	0.0000	1608.0	13.0	1562.0	32.0	1663	14	1663.0	14.0	6.1
GOM2_114	301	1.73	3.9430	0.0460	0.2836	0.0033	0.0000	1622.2	9.5	1609.0	17.0	1664	10	1664.0	10.0	3.3
GOM2_25	107.5	0.65	3.8820	0.0350	0.2755	0.0034	0.0000	1609.6	7.2	1568.0	17.0	1670	13	1670.0	13.0	6.1
GOM2_14	42	0.87	4.0800	0.0340	0.2912	0.0026	0.0000	1650.8	7.1	1649.0	13.0	1677	12	1677.0	12.0	1.7
GOM2_88	187	1.49	4.3590	0.0470	0.3053	0.0033	0.0000	1705.4	8.7	1717.0	16.0	1691	9	1691.4	9.2	1.5
GOM2_82	184	1.22	4.3070	0.0260	0.3026	0.0023	0.0000	1694.5	5.0	1704.0	11.0	1693	5	1693.1	4.5	0.6
GOM2_116	235	1.71	4.5860	0.0330	0.3134	0.0027	0.0000	1747.2	6.2	1757.0	13.0	1742	6	1741.6	5.9	0.9
GOM2_28	175.9	1.62	12.6900	0.1900	0.4994	0.0058	0.0000	2655.0	14.0	2610.0	25.0	2685	11	2685.0	11.0	2.8
GOM2_119	59.8	0.89	13.2800	0.0980	0.5125	0.0038	0.0000	2699.4	7.0	2667.0	16.0	2730	6	2729.5	5.7	2.3

Sample: GOM3	Isotopic Ratios							Isotopic ages (Ma)								
Analysis	[U] ppm	U/Th	207/235	2σ err.	206/238	2σ err.	RHO	207/235	2σ err.	206/238	2σ err.	207/206	2σ err.	Best age	2σ err.	% Dis.
GOM3__32	237	1.13	0.0326	0.0012	0.0051	0.0001	-0.0888	32.6	1.2	33.0	0.5	205	49	33.0	0.5	1.1
GOM3_3	1616	1.41	0.0352	0.0007	0.0052	0.0001	0.4383	35.1	0.7	33.4	0.6	109	20	33.4	0.6	4.9
GOM3_57	77.9	1.18	0.0348	0.0026	0.0053	0.0001	0.0675	34.7	2.5	33.9	0.9	418	84	33.9	0.9	2.4
GOM3_14	185	1.33	0.0353	0.0016	0.0054	0.0002	0.2123	35.2	1.6	34.7	1.0	218	54	34.7	1.0	1.4
GOM3_109	115.6	0.77	0.0362	0.0025	0.0054	0.0001	0.4252	36.4	2.3	34.8	0.8	329	64	34.8	0.8	4.4
GOM3_39	136.6	1.27	0.0363	0.0020	0.0055	0.0002	0.2294	36.1	2.0	35.5	1.0	259	55	35.5	1.0	1.7
GOM3_34	193	0.95	0.0372	0.0018	0.0058	0.0001	0.0528	37.1	1.8	37.2	0.8	177	68	37.2	0.8	0.2
GOM3_82	194.6	0.81	0.0366	0.0031	0.0058	0.0003	0.0938	36.5	3.0	37.3	1.8	440	210	37.3	1.8	2.2
GOM3_119	352	0.74	0.0399	0.0016	0.0060	0.0001	0.1491	39.7	1.6	38.8	0.9	179	32	38.8	0.9	2.3
GOM3_97	173.3	0.98	0.0398	0.0021	0.0062	0.0002	0.0135	39.6	2.0	39.6	1.0	149	54	39.6	1.0	0.0
GOM3_100	382	0.78	0.0437	0.0016	0.0067	0.0001	-0.0508	43.4	1.5	42.8	0.7	198	51	42.8	0.7	1.3
GOM3_31	603	1.34	0.0473	0.0010	0.0072	0.0001	0.3143	46.9	1.0	46.2	0.6	107	24	46.2	0.6	1.6
GOM3_60	356	1.75	0.0470	0.0012	0.0074	0.0001	-0.0359	46.6	1.1	47.2	0.6	102	25	47.2	0.6	1.3
GOM3_44	440	0.98	0.0502	0.0009	0.0077	0.0001	-0.0034	49.8	0.8	49.6	0.5	119	19	49.6	0.5	0.4
GOM3_38	362	1.17	0.0566	0.0011	0.0087	0.0001	0.2674	55.9	1.1	55.8	0.7	143	27	55.8	0.7	0.1
GOM3_7	284	1.80	0.0641	0.0014	0.0098	0.0001	-0.0900	63.0	1.3	62.6	0.6	170	28	62.6	0.6	0.6
GOM3_26	268	1.54	0.0652	0.0014	0.0100	0.0001	0.1806	64.1	1.3	64.1	0.8	126	25	64.1	0.8	0.0
GOM3_108	107	1.24	0.0679	0.0027	0.0108	0.0002	0.1876	66.7	2.6	69.5	1.1	234	63	69.5	1.1	4.2
GOM3_25	146	2.56	0.0743	0.0019	0.0112	0.0001	-0.0715	72.7	1.8	71.6	0.9	156	32	71.6	0.9	1.5
GOM3_76	278	1.48	0.0755	0.0012	0.0114	0.0002	0.1346	73.9	1.1	72.7	1.0	141	17	72.7	1.0	1.6
GOM3_63	183.7	0.62	0.0733	0.0030	0.0114	0.0002	0.0438	71.8	2.8	72.8	1.2	126	30	72.8	1.2	1.4
GOM3_22	206.2	1.11	0.0748	0.0019	0.0115	0.0002	0.2778	73.2	1.8	73.5	1.2	130	29	73.5	1.2	0.4
GOM3_29	514	1.79	0.0762	0.0014	0.0116	0.0001	0.1308	74.6	1.4	74.6	0.5	130	23	74.6	0.5	0.1
GOM3_95	103.6	2.60	0.0738	0.0040	0.0117	0.0003	-0.0269	72.3	3.7	75.0	2.0	77	62	75.0	2.0	3.7
GOM3_96	157.6	0.98	0.0760	0.0026	0.0118	0.0002	0.0350	74.3	2.4	75.8	1.3	143	42	75.8	1.3	2.0
GOM3_85	628	1.84	0.0777	0.0017	0.0119	0.0003	0.5790	76.0	1.6	76.2	1.7	79	23	76.2	1.7	0.3
GOM3_23	28.19	0.95	0.0763	0.0086	0.0120	0.0004	0.0745	74.4	8.1	76.6	2.8	346	82	76.6	2.8	3.0
GOM3_54	636	0.95	0.0823	0.0017	0.0125	0.0002	0.6298	80.3	1.6	80.1	1.1	106	20	80.1	1.1	0.2
GOM3_17	417.6	1.69	0.0857	0.0045	0.0126	0.0007	0.2871	83.5	4.2	80.8	4.2	70	57	80.8	4.2	3.2
GOM3_106	198	0.48	0.0921	0.0030	0.0128	0.0003	0.4541	89.4	2.8	82.0	1.9	325	46	82.0	1.9	8.3
GOM3_72	338	1.30	0.0838	0.0014	0.0129	0.0001	0.0074	81.7	1.3	82.5	0.9	142	25	82.5	0.9	1.0
GOM3_9	219.5	1.99	0.0887	0.0021	0.0135	0.0002	0.3636	86.2	2.0	86.2	1.2	183	34	86.2	1.2	0.0
GOM3_52	193.1	1.27	0.0856	0.0021	0.0136	0.0002	0.2365	83.4	2.0	87.1	1.2	84	29	87.1	1.2	4.4
GOM3_73	520	0.73	0.0895	0.0019	0.0136	0.0002	0.2375	87.0	1.8	87.1	1.4	129	23	87.1	1.4	0.1
GOM3_105	124.6	0.91	0.0905	0.0030	0.0136	0.0002	0.0259	87.9	2.8	87.2	1.1	232	39	87.2	1.1	0.8
GOM3_81	130.6	1.99	0.0917	0.0029	0.0141	0.0002	0.0984	89.0	2.7	90.0	1.1	126	26	90.0	1.1	1.1
GOM3_19	162.3	2.14	0.0960	0.0026	0.0144	0.0002	0.1103	93.0	2.4	92.3	1.5	160	33	92.3	1.5	0.8
GOM3_71	187	1.79	0.0970	0.0024	0.0147	0.0002	0.1130	94.0	2.2	93.7	1.1	151	26	93.7	1.1	0.3
GOM3_101	333.4	1.22	0.0974	0.0023	0.0147	0.0002	-0.0539	94.4	2.1	94.0	1.2	183	25	94.0	1.2	0.4
GOM3_87	249.1	0.52	0.0945	0.0034	0.0148	0.0004	0.1664	91.7	3.1	94.5	2.2	100	31	94.5	2.2	3.1
GOM3_51	1015	2.11	0.0994	0.0017	0.0150	0.0001	0.2733	96.2	1.6	95.9	0.8	108	18	95.9	0.8	0.4
GOM3_65	332.1	1.82	0.0993	0.0019	0.0152	0.0002	0.1083	96.1	1.8	97.1	1.2	107	21	97.1	1.2	1.0
GOM3_115	345	1.35	0.1073	0.0020	0.0153	0.0002	0.4849	103.4	1.8	97.9	1.2	173	21	97.9	1.2	5.3
GOM3_35	395	1.77	0.1102	0.0018	0.0167	0.0002	0.1973	106.1	1.7	106.9	1.2	137	21	106.9	1.2	0.8
GOM3_56	284.4	1.46	0.1344	0.0021	0.0200	0.0002	0.3704	128.0	1.9	127.8	1.3	141	18	127.8	1.3	0.2
GOM3_10	64.7	0.63	0.1588	0.0058	0.0220	0.0003	0.1791	149.6	5.1	140.5	2.0	291	36	140.5	2.0	6.1
GOM3_83	351	1.39	0.1580	0.0021	0.0235	0.0002	-0.3185	148.9	1.8	149.4	1.3	143	16	149.4	1.3	0.3
GOM3_53	57.5	0.78	0.1583	0.0058	0.0238	0.0004	-0.2250	149.0	5.1	151.5	2.4	249	44	151.5	2.4	1.7
GOM3_79	704	1.25	0.1693	0.0015	0.0250	0.0002	0.4087	158.8	1.3	159.0	1.0	158	13	159.0	1.0	0.1
GOM3_62	266	0.82	0.1712	0.0023	0.0253	0.0002	0.2661	160.4	2.0	161.2	1.3	168	18	161.2	1.3	0.5
GOM3_116	83	0.51	0.1814	0.0047	0.0254	0.0004	0.1547	169.1	4.0	161.7	2.3	295	37	161.7	2.3	4.4
GOM3_78	174	0.54	0.1771	0.0049	0.0258	0.0004	0.1965	165.5	4.2	164.1	2.5	188	25	164.1	2.5	0.8
GOM3_67	176	0.67	0.1800	0.0042	0.0259	0.0005	-0.0117	168.0	3.6	165.0	3.1	263	32	165.0	3.1	1.8
GOM3_30	183.8	1.18	0.1776	0.0031	0.0262	0.0003	0.2567	166.0	2.7	166.7	1.6	173	27	166.7	1.6	0.4
GOM3_70	454	1.05	0.1789	0.0028	0.0262	0.0004	0.5930	167.0	2.4	166.8	2.3	162	18	166.8	2.3	0.1
GOM3_80	291.6	0.75	0.1851	0.0035	0.0262	0.0003	-0.1019	172.4	3.0	166.9	1.7	235	28	166.9	1.7	3.2
GOM3_117	120.9	1.12	0.1787	0.0037	0.0265	0.0004	0.3808	166.8	3.2	168.8	2.3	168	25	168.8	2.3	1.2
GOM3_1	363	1.26	0.1831	0.0051	0.0267	0.0005	0.4521	170.7	4.4	169.8	3.1	174	39	169.8	3.1	0.5

GOM3_46	36.05	0.36	0.1827	0.0072	0.0270	0.0007	0.3140	170.3	6.2	171.5	4.1	176	36	171.5	4.1	0.7
GOM3_4	267	0.75	0.1897	0.0040	0.0279	0.0005	0.1425	176.3	3.4	177.5	2.9	171	32	177.5	2.9	0.7
GOM3_37	121.9	1.09	0.1904	0.0075	0.0280	0.0006	0.1912	176.9	6.4	177.9	4.0	177	43	177.9	4.0	0.6
GOM3_64	457	1.24	0.1968	0.0064	0.0284	0.0008	0.2793	182.4	5.4	180.4	5.3	182	68	180.4	5.3	1.1
GOM3_5	200	3.85	0.2028	0.0025	0.0296	0.0002	0.2683	187.5	2.1	188.3	1.5	183	18	188.3	1.5	0.4
GOM3_75	186.3	0.76	0.2223	0.0029	0.0321	0.0003	0.0996	203.8	2.4	203.4	1.6	200	16	203.4	1.6	0.2
GOM3_48	812	2.49	0.2236	0.0035	0.0322	0.0003	0.4602	204.9	2.9	204.4	1.8	216	15	204.4	1.8	0.2
GOM3_8	436	4.02	0.2243	0.0029	0.0323	0.0003	0.6024	205.4	2.4	204.7	1.8	212	17	204.7	1.8	0.3
GOM3_84	88	0.99	0.2336	0.0059	0.0337	0.0004	-0.0850	213.0	4.9	213.6	2.8	225	35	213.6	2.8	0.3
GOM3_36	123.9	0.93	0.2465	0.0051	0.0353	0.0004	0.0787	223.6	4.2	223.5	2.7	217	33	223.5	2.7	0.0
GOM3_28	194	1.10	0.2732	0.0049	0.0384	0.0004	0.2540	245.2	3.9	242.7	2.4	259	23	242.7	2.4	1.0
GOM3_88	104.5	0.88	0.2905	0.0085	0.0407	0.0009	0.4706	258.9	6.7	257.4	5.5	265	49	257.4	5.5	0.6
GOM3_11	464	0.55	0.3135	0.0029	0.0439	0.0003	0.5760	276.8	2.2	277.0	2.1	292	9	277.0	2.1	0.1
GOM3_33	127.3	1.10	0.4916	0.0075	0.0650	0.0005	0.2650	405.9	5.1	406.1	2.8	393	21	406.1	2.8	0.0
GOM3_120	75.8	1.30	0.5389	0.0095	0.0697	0.0005	0.4144	437.4	6.3	434.4	3.2	454	21	434.4	3.2	0.7
GOM3_107	28.29	1.50	1.6310	0.0260	0.1648	0.0019	0.2814	981.4	9.9	983.0	10.0	981	18	983.0	10.0	0.2
GOM3_61	195	2.11	1.6410	0.0110	0.1651	0.0011	0.4811	985.8	4.3	984.8	5.8	993	7	984.8	5.8	0.1
GOM3_103	88.4	1.69	1.6970	0.0180	0.1678	0.0013	0.4727	1007.0	6.8	999.7	7.4	1028	12	999.7	7.4	0.7
GOM3_110	181	1.52	1.8050	0.0160	0.1786	0.0019	0.6411	1047.0	5.7	1059.0	10.0	1022	11	1022.0	11.0	3.6
GOM3_58	52	0.88	1.7250	0.0170	0.1709	0.0013	0.2263	1017.5	6.3	1017.2	7.2	1027	14	1027.0	14.0	1.0
GOM3_6	104	3.00	1.7990	0.0180	0.1759	0.0021	0.4684	1045.0	6.4	1044.0	12.0	1044	15	1044.0	15.0	0.0
GOM3_102	246.1	0.64	1.7290	0.0150	0.1686	0.0020	0.6027	1019.0	5.5	1005.0	11.0	1052	13	1052.0	13.0	4.5
GOM3_40	105.6	1.51	1.8550	0.0250	0.1794	0.0025	0.5236	1064.7	9.0	1063.0	14.0	1053	13	1053.0	13.0	0.9
GOM3_93	94.6	0.70	1.8110	0.0150	0.1761	0.0013	0.4048	1049.2	5.4	1045.4	7.0	1059	9	1058.7	8.8	1.3
GOM3_16	152.7	1.13	1.8440	0.0200	0.1787	0.0013	0.3266	1061.1	7.3	1060.1	7.3	1061	10	1061.0	10.0	0.1
GOM3_15	74.8	1.24	1.9140	0.0220	0.1830	0.0012	0.1535	1086.0	7.6	1083.1	6.6	1078	12	1078.0	12.0	0.5
GOM3_50	373	1.83	1.8180	0.0130	0.1743	0.0012	0.4407	1052.7	4.7	1036.0	6.3	1095	8	1094.6	8.0	5.4
GOM3_42	23.9	1.19	1.9650	0.0420	0.1871	0.0030	0.6968	1102.0	14.0	1105.0	16.0	1106	21	1106.0	21.0	0.1
GOM3_66	83.4	1.39	2.0350	0.0210	0.1910	0.0023	0.5858	1126.9	6.9	1127.0	12.0	1132	9	1131.6	9.0	0.4
GOM3_94	140.1	2.36	1.9890	0.0250	0.1866	0.0019	0.7754	1114.6	8.7	1103.0	10.0	1144	10	1144.0	10.0	3.6
GOM3_59	150	1.89	2.0120	0.0130	0.1877	0.0010	0.3843	1119.5	4.4	1108.6	5.3	1153	6	1152.6	6.4	3.8
GOM3_91	212.5	1.98	2.1680	0.0200	0.1980	0.0019	0.7099	1170.4	6.5	1165.0	10.0	1186	7	1186.2	6.9	1.8
GOM3_68	51.7	0.61	2.5230	0.0230	0.2172	0.0019	0.0238	1279.4	6.4	1267.0	10.0	1298	15	1298.0	15.0	2.4
GOM3_69	295	1.04	2.5320	0.0160	0.2178	0.0014	0.6716	1282.3	4.6	1270.0	7.2	1312	5	1312.4	5.0	3.2
GOM3_90	205	1.14	2.7220	0.0160	0.2301	0.0017	0.6759	1334.2	4.4	1334.7	8.9	1336	7	1335.6	6.7	0.1
GOM3_27	131	1.50	2.9730	0.0310	0.2426	0.0027	0.6394	1400.1	7.9	1400.0	14.0	1404	11	1404.0	11.0	0.3
GOM3_86	103	0.47	2.7980	0.0270	0.2276	0.0021	0.7415	1354.7	7.3	1322.0	11.0	1412	11	1412.0	11.0	6.4
GOM3_24	93.7	0.59	3.0300	0.0230	0.2454	0.0014	0.2953	1415.1	5.7	1414.8	7.2	1419	8	1418.7	8.1	0.3
GOM3_47	101.6	1.91	2.9020	0.0240	0.2347	0.0013	0.5143	1382.1	6.2	1358.8	6.9	1420	7	1420.1	7.3	4.3
GOM3_43	312	2.56	3.0320	0.0180	0.2456	0.0017	0.6400	1415.5	4.6	1415.6	9.0	1425	6	1424.7	6.4	0.6
GOM3_55	111.7	0.86	2.9090	0.0220	0.2298	0.0019	0.5543	1384.1	5.6	1333.1	9.8	1432	7	1432.4	7.0	6.9
GOM3_13	269	1.72	2.9460	0.0350	0.2350	0.0028	0.8495	1393.4	9.0	1360.0	15.0	1439	7	1438.5	7.3	5.5
GOM3_111	117	1.00	3.0870	0.0210	0.2457	0.0014	0.5214	1429.1	5.1	1416.0	7.4	1443	7	1443.3	7.1	1.9
GOM3_113	111.5	1.07	3.1670	0.0370	0.2518	0.0026	0.6754	1450.8	9.6	1448.0	13.0	1446	13	1446.0	13.0	0.1
GOM3_89	110.5	1.51	3.1860	0.0260	0.2532	0.0017	0.4189	1453.4	6.3	1454.9	8.7	1454	9	1453.6	9.1	0.1
GOM3_74	47.9	0.85	2.8370	0.0300	0.2251	0.0016	0.3832	1364.8	8.0	1308.8	8.4	1465	13	1465.0	13.0	10.7
GOM3_64	89	1.51	3.2180	0.0630	0.2493	0.0034	0.7699	1466.0	17.0	1435.0	17.0	1499	15	1499.0	15.0	4.3
GOM3_112	59	0.70	3.8870	0.0280	0.2817	0.0019	0.3724	1610.6	5.8	1599.7	9.3	1629	8	1629.2	7.9	1.8
GOM3_104	178	1.69	3.9890	0.0250	0.2875	0.0021	0.5000	1632.8	4.9	1629.0	10.0	1636	6	1636.0	6.3	0.4
GOM3_49	204.9	1.57	3.9310	0.0220	0.2853	0.0016	0.6647	1620.0	4.5	1617.9	8.1	1642	6	1641.6	6.3	1.4
GOM3_20	99	1.95	3.9730	0.0320	0.2867	0.0023	0.5937	1628.4	6.4	1625.0	12.0	1643	6	1643.4	5.5	1.1
GOM3_21	78.9	1.24	3.8690	0.0290	0.2767	0.0019	0.5123	1606.9	6.0	1574.4	9.6	1652	8	1651.5	7.5	4.7
GOM3_12	76.4	0.96	3.8120	0.0320	0.2730	0.0021	0.7252	1595.0	6.8	1556.0	11.0	1655	5	1655.0	5.4	6.0
GOM3_92	1798	32.42	4.1320	0.0230	0.2935	0.0014	0.5021	1660.5	4.5	1659.1	7.2	1665	7	1665.0	6.5	0.4
GOM3_77	96.3	1.21	4.1020	0.0310	0.2895	0.0019	0.5918	1655.0	6.0	1638.7	9.7	1678	7	1677.9	6.8	2.3
GOM3_118	169.8	3.80	4.2900	0.0700	0.2996	0.0033	0.7241	1690.0	13.0	1692.0	16.0	1679	16	1679.0	16.0	0.8
GOM3_98	191.4	1.10	4.2080	0.0330	0.2961	0.0019	0.5425	1675.5	6.4	1671.8	9.6	1693	9	1692.6	9.0	1.2
GOM3_99	211.1	1.16	4.2610	0.0390	0.2979	0.0023	0.6588	1685.6	7.6	1681.0	11.0	1694	8	1693.9	7.8	0.8
GOM3_2	152.4	1.74	4.2720	0.0330	0.2988	0.0027	0.7727	1687.7	6.4	1685.0	13.0	1694	6	1694.3	6.1	0.5
GOM3_18	132	1.28	4.4180	0.0380	0.3055	0.0027	0.7468	1715.3	7.1	1718.0	13.0	1718	6	1717.6	6.2	0.0

GOM3_41	386	12.10	5.3680	0.0630	0.3390	0.0040	0.9327	1881.0	11.0	1881.0	19.0	1886	6	1886.4	6.3	0.3

Sample: GOM4	Isotopic Ratios							Isotopic ages (Ma)								
Analysis	[U] ppm	U/Th	207/235	2σ err.	206/238	2σ err.	RHO	207/235	2σ err.	206/238	2σ err.	207/206	2σ err.	Best age	2σ err.	% Dis.
GOM4_25	82	0.66	0.0364	0.0023	0.0056	0.0002	0.0994	36.2	2.2	35.7	1	355	59	35.7	1.0	1.4
GOM4_120	80.9	0.50	0.0377	0.0024	0.0057	0.0002	-0.0375	37.5	2.4	36.8	1.1	366	58	36.8	1.1	1.9
GOM4_8	21.1	0.38	0.0418	0.0067	0.0060	0.0003	-0.0935	42	6.4	38.7	1.6	850	140	38.7	1.6	7.9
GOM4_116	24.2	0.73	0.0440	0.0051	0.0063	0.0003	0.1231	43.5	5	40.6	2.1	660	110	40.6	2.1	6.7
GOM4_44	53.6	0.89	0.0447	0.0031	0.0065	0.0002	0.0019	44.3	3.1	41.6	1.3	610	100	41.6	1.3	6.1
GOM4_56	613	1.62	0.0559	0.0008	0.0085	0.0001	0.3643	55.21	0.79	54.61	0.69	103	14	54.6	0.7	1.1
GOM4_53	74	2.03	0.0583	0.0031	0.0090	0.0002	-0.1128	57.4	2.9	57.7	1.4	293	63	57.7	1.4	0.5
GOM4_63	231	3.60	0.0607	0.0019	0.0092	0.0001	0.0303	59.8	1.8	59.01	0.75	203	31	59.0	0.8	1.3
GOM4_97	286	1.11	0.0607	0.0014	0.0092	0.0001	-0.1633	59.8	1.3	59.3	0.67	181	30	59.3	0.7	0.8
GOM4_26	529	0.70	0.0618	0.0014	0.0094	0.0001	-0.1058	60.9	1.3	60.43	0.74	161	30	60.4	0.7	0.8
GOM4_52	1170	0.99	0.0784	0.0012	0.0109	0.0003	0.6035	76.6	1.2	70.2	1.8	328	32	70.2	1.8	8.4
GOM4_23	75	2.80	0.0748	0.0038	0.0113	0.0003	-0.1783	73.2	3.6	72.4	1.7	157	51	72.4	1.7	1.1
GOM4_13	620	1.03	0.0749	0.0010	0.0114	0.0001	0.5764	73.3	0.93	73.07	0.87	97	15	73.1	0.9	0.3
GOM4_27	354	1.24	0.0764	0.0014	0.0116	0.0002	0.3595	74.8	1.3	74.2	1.2	132	19	74.2	1.2	0.8
GOM4_55	216	2.17	0.0776	0.0022	0.0118	0.0002	0.2505	75.8	2	75.8	1.2	145	26	75.8	1.2	0.0
GOM4_103	162	1.20	0.0771	0.0022	0.0119	0.0002	0.1321	75.4	2.1	76.31	0.99	202	32	76.3	1.0	1.2
GOM4_59	129.7	1.19	0.0810	0.0038	0.0120	0.0002	0.3570	78.9	3.5	77	1.2	313	90	77.0	1.2	2.4
GOM4_46	93.7	2.00	0.0929	0.0030	0.0140	0.0002	-0.0195	90.2	2.7	89.7	1.5	252	39	89.7	1.5	0.6
GOM4_42	302	0.75	0.0978	0.0017	0.0148	0.0002	0.1737	94.7	1.6	94.6	1.1	166	24	94.6	1.1	0.1
GOM4_82	162.6	1.53	0.0970	0.0026	0.0148	0.0002	-0.0323	94	2.4	94.7	1.4	191	38	94.7	1.4	0.7
GOM4_66	107.1	2.02	0.0981	0.0029	0.0149	0.0002	0.1564	95	2.7	95.1	1.4	176	30	95.1	1.4	0.1
GOM4_71	239.1	0.76	0.1022	0.0022	0.0151	0.0002	0.0302	98.8	2	96.4	1	180	29	96.4	1.0	2.4
GOM4_93	86.6	1.37	0.1037	0.0030	0.0151	0.0002	0.0475	100.5	2.8	96.8	1.4	237	36	96.8	1.4	3.7
GOM4_106	362	1.30	0.1061	0.0022	0.0154	0.0002	0.2542	102.4	2	98.5	1.5	214	27	98.5	1.5	3.8
GOM4_105	127.7	0.55	0.1139	0.0042	0.0155	0.0003	0.0036	109.5	3.8	99.3	2	403	64	99.3	2.0	9.3
GOM4_54	362	0.65	0.1051	0.0017	0.0160	0.0002	0.0753	101.5	1.6	102.24	0.95	124	16	102.2	1.0	0.7
GOM4_3	392	1.40	0.1105	0.0020	0.0164	0.0002	0.1297	106.4	1.9	105.1	1.3	170	29	105.1	1.3	1.2
GOM4_43	244	1.28	0.1102	0.0017	0.0166	0.0002	-0.0425	106.1	1.6	106.2	1.1	157	23	106.2	1.1	0.1
GOM4_20	147	1.16	0.1181	0.0031	0.0168	0.0003	0.0650	113.3	2.9	107.1	1.9	276	40	107.1	1.9	5.5
GOM4_119	150	0.88	0.1565	0.0027	0.0232	0.0003	0.1343	147.6	2.4	147.5	1.9	173	22	147.5	1.9	0.1
GOM4_57	67.5	0.48	0.1697	0.0049	0.0249	0.0004	0.1594	159	4.3	158.7	2.2	221	43	158.7	2.2	0.2
GOM4_86	34.8	0.48	0.1646	0.0086	0.0252	0.0006	0.1751	154.3	7.5	160.2	3.4	262	65	160.2	3.4	3.8
GOM4_58	223	0.42	0.1739	0.0027	0.0259	0.0003	-0.0150	163.1	2.3	164.8	1.6	161	21	164.8	1.6	1.0
GOM4_81	320	0.46	0.1792	0.0020	0.0265	0.0002	0.1546	167.4	1.7	168.6	1.4	158	17	168.6	1.4	0.7
GOM4_98	640	0.99	0.1831	0.0018	0.0271	0.0002	0.3903	170.7	1.5	172.6	1.3	167	17	172.6	1.3	1.1
GOM4_5	215	1.42	0.1902	0.0038	0.0272	0.0005	0.4876	176.7	3.2	173.2	2.9	209	21	173.2	2.9	2.0
GOM4_11	132	0.74	0.1860	0.0036	0.0272	0.0003	-0.0534	173.1	3.1	173.2	1.9	188	25	173.2	1.9	0.1
GOM4_96	328	0.79	0.1827	0.0023	0.0272	0.0002	0.2527	170.6	2	173.2	1.4	154	15	173.2	1.4	1.5
GOM4_12	349	0.86	0.1883	0.0030	0.0276	0.0003	0.3396	175.1	2.6	175.5	1.7	175	18	175.5	1.7	0.2
GOM4_34	239	0.70	0.1896	0.0034	0.0277	0.0003	0.1799	176.2	2.9	175.9	1.8	190	23	175.9	1.8	0.2
GOM4_47	233	4.72	0.2096	0.0039	0.0300	0.0003	0.3214	193.2	3.3	190.7	2.1	208	33	190.7	2.1	1.3
GOM4_10	205.1	0.91	0.2103	0.0054	0.0305	0.0006	0.3155	193.7	4.6	193.6	3.6	193	36	193.6	3.6	0.1
GOM4_48	224	1.68	0.2190	0.0110	0.0312	0.0008	0.5935	200.7	9.3	198	4.7	242	67	198.0	4.7	1.3
GOM4_22	189	0.73	0.2214	0.0036	0.0316	0.0003	-0.0072	203	3	200.5	1.6	226	18	200.5	1.6	1.2
GOM4_2	64.4	0.54	0.2335	0.0057	0.0333	0.0004	0.1701	212.8	4.7	211	2.7	263	31	211.0	2.7	0.8
GOM4_87	168	0.96	0.2316	0.0084	0.0336	0.0006	0.2696	211.4	6.9	212.9	3.8	216	44	212.9	3.8	0.7
GOM4_92	133.8	1.04	0.2341	0.0044	0.0340	0.0003	0.2078	213.4	3.6	215.5	1.9	200	24	215.5	1.9	1.0
GOM4_110	111.9	0.74	0.2403	0.0045	0.0343	0.0005	0.1553	218.5	3.7	217.1	3.2	281	28	217.1	3.2	0.6
GOM4_102	83.2	0.47	0.2540	0.0100	0.0345	0.0005	0.4010	229.1	8.2	218.4	3.2	411	87	218.4	3.2	4.7
GOM4_91	170	1.57	0.2523	0.0036	0.0359	0.0003	0.1525	228.4	2.9	227.2	2	247	24	227.2	2.0	0.5
GOM4_19	236	0.68	0.2517	0.0076	0.0361	0.0008	0.8200	227.8	6.2	228.6	5	209	22	228.6	5.0	0.4
GOM4_41	235	0.83	0.2613	0.0042	0.0368	0.0004	0.5283	235.6	3.4	232.7	2.3	269	23	232.7	2.3	1.2
GOM4_24	161.3	1.07	0.2810	0.0048	0.0395	0.0004	0.2986	251.8	3.7	249.6	2.7	248	25	249.6	2.7	0.9
GOM4_64	85	1.49	0.2770	0.0082	0.0403	0.0007	0.1840	248.8	6.8	254.4	4.3	263	35	254.4	4.3	2.3
GOM4_21	380	1.19	0.4592	0.0043	0.0607	0.0005	0.6396	383.6	3	379.8	2.9	394.3	9.5	379.8	2.9	1.0

GOM4_78	140.4	0.82	0.5271	0.0066	0.0686	0.0006	0.0322	429.8	4.4	427.6	3.5	444	22	427.6	3.5	0.5
GOM4_107	558	0.72	0.5662	0.0038	0.0743	0.0005	0.5454	455.5	2.5	462.1	2.9	447.7	8.3	462.1	2.9	1.4
GOM4_36	190.8	1.31	0.6843	0.0056	0.0851	0.0005	0.3367	529.3	3.3	526.3	2.8	532	12	526.3	2.8	0.6
GOM4_38	41.3	1.65	0.7130	0.0130	0.0890	0.0011	0.2397	546.8	8.1	549.6	6.3	535	24	549.6	6.3	0.5
GOM4_77	29.5	1.70	0.7380	0.0150	0.0895	0.0010	0.1647	561.9	9.2	552.6	6	582	29	552.6	6.0	1.7
GOM4_30	79.8	1.18	0.7544	0.0088	0.0931	0.0009	0.3920	570.6	5.1	574	5.5	561	13	574.0	5.5	0.6
GOM4_118	77.6	1.76	1.4230	0.0140	0.1472	0.0013	0.2847	898.2	5.7	885	7.5	927	15	927.0	15.0	4.5
GOM4_7	83.6	2.02	1.5420	0.0120	0.1572	0.0011	0.2661	947.1	4.7	942.1	6.3	959.7	9.8	959.7	9.8	1.8
GOM4_1	130	2.27	1.6180	0.0170	0.1633	0.0018	0.5196	976.7	6.6	975	10	978	15	978.0	15.0	0.3
GOM4_16	93.8	1.22	1.5750	0.0170	0.1575	0.0012	0.4044	960.2	6.6	942.9	6.5	997	13	997.0	13.0	5.4
GOM4_95	145	0.94	1.7290	0.0170	0.1730	0.0013	0.5331	1019.8	6.4	1028.6	7	1022.3	9.7	1022.3	9.7	0.6
GOM4_101	135.9	1.85	1.6710	0.0270	0.1669	0.0025	0.8386	998	11	994	14	1028	10	1028.0	10.0	3.3
GOM4_84	47	0.96	1.7790	0.0200	0.1759	0.0013	0.2638	1037.2	7.3	1044.2	7.2	1029	15	1029.0	15.0	1.5
GOM4_28	27.76	0.87	1.6380	0.0440	0.1621	0.0037	0.5437	984	17	968	20	1036	34	1036.0	34.0	6.6
GOM4_72	16.05	1.00	1.8570	0.0310	0.1818	0.0021	0.1858	1065	11	1078	12	1036	23	1036.0	23.0	4.1
GOM4_40	33.5	0.75	1.7500	0.0230	0.1715	0.0018	0.4166	1027.5	8.5	1020	10	1039	14	1039.0	14.0	1.8
GOM4_4	32.8	0.60	1.7990	0.0230	0.1764	0.0015	0.2948	1045.3	8.4	1046.9	8.3	1040	13	1040.0	13.0	0.7
GOM4_111	112.1	1.30	1.7680	0.0140	0.1733	0.0014	0.4554	1033.6	5.1	1029.9	7.5	1042.9	9.7	1042.9	9.7	1.2
GOM4_114	215	0.64	1.7680	0.0150	0.1733	0.0016	0.6881	1033.4	5.6	1030	8.7	1046.8	8.2	1046.8	8.2	1.6
GOM4_75	84.6	1.22	1.8490	0.0130	0.1793	0.0012	0.2526	1062.8	4.6	1063.3	6.7	1051	11	1051.0	11.0	1.2
GOM4_85	191.8	1.80	1.7770	0.0130	0.1738	0.0014	0.6140	1036.9	4.6	1032.9	7.4	1051	8	1051.0	8.0	1.7
GOM4_83	57.3	0.95	1.8290	0.0180	0.1761	0.0014	0.1336	1056.3	6.6	1045.5	7.9	1068	15	1068.0	15.0	2.1
GOM4_117	74.9	1.25	1.8260	0.0310	0.1748	0.0023	0.7325	1054	11	1039	13	1076	17	1076.0	17.0	3.4
GOM4_45	45.1	1.06	1.8900	0.0190	0.1818	0.0013	0.1895	1077.1	6.7	1076.9	7.1	1079	15	1079.0	15.0	0.2
GOM4_94	83	0.93	1.8260	0.0200	0.1771	0.0014	0.4885	1054.4	7.2	1051.1	7.6	1082	12	1082.0	12.0	2.9
GOM4_90	52.8	0.87	1.8390	0.0230	0.1775	0.0018	0.4826	1059.8	8.2	1053	10	1084	13	1084.0	13.0	2.9
GOM4_108	228	0.85	1.9057	0.0098	0.1836	0.0010	0.3117	1083	3.4	1086.7	5.7	1090.4	7	1090.4	7.0	0.3
GOM4_89	83.2	0.93	1.8890	0.0210	0.1807	0.0013	0.2276	1076.6	7.3	1070.5	7.1	1104	16	1104.0	16.0	3.0
GOM4_112	151.1	1.91	1.9570	0.0140	0.1861	0.0013	0.5963	1101.3	4.7	1100	6.8	1116.3	9	1116.3	9.0	1.5
GOM4_67	203	2.72	2.1020	0.0530	0.1954	0.0036	0.8582	1147	17	1150	20	1123	18	1123.0	18.0	2.4
GOM4_50	143	1.60	2.0400	0.0140	0.1919	0.0012	0.3707	1128.9	4.6	1131.5	6.2	1127.1	8.5	1127.1	8.5	0.4
GOM4_70	35.5	1.03	1.9540	0.0270	0.1829	0.0018	0.2919	1099.3	9.2	1082.5	9.8	1134	19	1134.0	19.0	4.5
GOM4_49	34.6	0.86	2.1460	0.0360	0.1977	0.0023	-0.0010	1165	11	1163	12	1147	20	1147.0	20.0	1.4
GOM4_51	89.2	1.13	2.0970	0.0190	0.1951	0.0014	0.3556	1148.3	6	1149.1	7.4	1151	13	1151.0	13.0	0.2
GOM4_69	258.3	3.18	2.0140	0.0210	0.1856	0.0020	0.7158	1119.9	7.2	1098	11	1152.1	7	1152.1	7.0	4.7
GOM4_33	51.4	2.24	2.1550	0.0200	0.1972	0.0017	0.3468	1168.2	6.6	1160	9.2	1179	11	1179.0	11.0	1.6
GOM4_17	51.3	1.22	2.2400	0.0200	0.2038	0.0015	0.4172	1195.2	6.3	1195.8	8.1	1189.6	9.3	1189.6	9.3	0.5
GOM4_15	66.5	1.02	2.2300	0.0210	0.2012	0.0016	0.6020	1190	6.5	1181.5	8.5	1198.3	8.5	1198.3	8.5	1.4
GOM4_99	224.1	1.86	2.2530	0.0110	0.2059	0.0012	0.4238	1197.5	3.6	1206.9	6.2	1199.1	7.1	1199.1	7.1	0.7
GOM4_31	10.95	1.16	2.1050	0.0400	0.1889	0.0032	0.5302	1149	13	1115	17	1200	21	1200.0	21.0	7.1
GOM4_37	67.9	1.26	2.4030	0.0260	0.2129	0.0017	0.5590	1242.9	7.7	1244.3	9	1250	9.2	1250.0	9.2	0.5
GOM4_68	75.6	1.13	2.7010	0.0280	0.2281	0.0023	0.5251	1328.2	7.6	1324	12	1324	10	1324.0	10.0	0.0
GOM4_113	42.3	1.02	2.6900	0.0260	0.2263	0.0017	0.3596	1325.2	7.2	1315	9	1354.2	9.1	1354.2	9.1	2.9
GOM4_35	88	1.76	3.0290	0.0230	0.2455	0.0017	0.2763	1414.6	5.7	1415.2	8.8	1410	10	1410.0	10.0	0.4
GOM4_62	206	2.30	3.0570	0.0220	0.2451	0.0023	0.7146	1422.4	5.6	1413	12	1428.7	8.5	1428.7	8.5	1.1
GOM4_60	56.81	0.83	3.1490	0.0280	0.2494	0.0015	0.3322	1444.4	6.8	1435.5	8	1445	11	1445.0	11.0	0.7
GOM4_104	122	1.10	3.1350	0.0240	0.2516	0.0018	0.5386	1441	6	1446.8	9.3	1447.3	8.4	1447.3	8.4	0.0
GOM4_109	129	1.73	3.2030	0.0310	0.2500	0.0021	0.4888	1457.5	7.4	1438	11	1493.6	9.4	1493.6	9.4	3.7
GOM4_80	62.4	0.67	3.3750	0.0280	0.2583	0.0022	0.4496	1499.2	6.5	1482	11	1508	10	1508.0	10.0	1.7
GOM4_48	114.6	1.86	4.0180	0.0750	0.2870	0.0036	0.8525	1637	15	1626	18	1652	16	1652.0	16.0	1.6
GOM4_29	204	2.05	4.3170	0.0230	0.3047	0.0018	0.7192	1696.5	4.5	1714.3	8.9	1666.1	4.1	1666.1	4.1	2.9
GOM4_6	71.1	0.88	4.1570	0.0320	0.2934	0.0021	0.6914	1666	6.2	1658	11	1680.6	6.8	1680.6	6.8	1.3
GOM4_73	175	1.15	4.2800	0.0240	0.2975	0.0015	0.6315	1689.4	4.6	1678.8	7.3	1693.9	4.9	1693.9	4.9	0.9
GOM4_32	274	1.34	4.3250	0.0320	0.2995	0.0019	0.6684	1698.6	5.9	1688.8	9.4	1708.4	6	1708.4	6.0	1.1
GOM4_61	103.3	1.20	4.5530	0.0290	0.3093	0.0022	0.5568	1740.4	5.3	1737	11	1740.7	7.3	1740.7	7.3	0.2
GOM4_100	260	1.16	4.6400	0.0290	0.3170	0.0023	0.8810	1756.2	5.2	1775	11	1750	5.7	1750.0	5.7	1.4
GOM4_9	71.4	1.63	4.8070	0.0340	0.3192	0.0027	0.6030	1785.8	5.9	1785	13	1780.9	7.6	1780.9	7.6	0.2
GOM4_65	26.25	1.15	4.6430	0.0510	0.3043	0.0027	0.0944	1756.3	9.1	1712	14	1806	13	1806.0	13.0	5.2
GOM4_88	38.4	0.33	4.9820	0.0500	0.3245	0.0024	0.4431	1815.8	8.5	1812	12	1831	10	1831.0	10.0	1.0
GOM4_74	122.1	0.50	4.8000	0.0370	0.3016	0.0024	0.6938	1784.6	6.5	1701	11	1880.6	8.1	1880.6	8.1	9.6

GOM4_39	60.7	0.46	5.4830	0.0590	0.3290	0.0035	0.6727	1898.7	9	1833	17	1963.9	9.5	1963.9	9.5	6.7
GOM4_79	73.6	1.38	11.1060	0.0780	0.4754	0.0032	0.6856	2531.7	6.5	2509	14	2548.2	5.1	2548.2	5.1	1.5
GOM4_76	331	3.99	12.2900	0.2300	0.4577	0.0078	0.9872	2627	17	2428	35	2774.4	4.8	2774.4	4.8	12.5

Sample:GOM5	Isotopic Ratios							Isotopic ages (Ma)								
Analysis	[U] ppm	U/Th	207/235	2σ err.	206/238	2σ err.	RHO	207/235	2σ err.	206/238	2σ err.	207/206	2σ err.	Best age	2σ err.	% Dis.
GOM5_35	94.6	0.82	0.0393	0.0026	0.0058	0.0003	0.0769	39.1	2.6	37.2	1.6	314	54	37.2	1.6	4.9
GOM5_89	78.8	0.79	0.0436	0.0025	0.0063	0.0002	0.0102	43.3	2.5	40.4	1.0	408	71	40.4	1.0	6.7
GOM5_23	328	1.00	0.0575	0.0013	0.0087	0.0001	-0.0530	56.8	1.2	55.5	0.7	211	33	55.5	0.7	2.3
GOM5_88	272	0.95	0.0628	0.0026	0.0092	0.0002	0.4614	61.8	2.4	59.2	1.4	190	45	59.2	1.4	4.2
GOM5_61	144.2	0.95	0.0689	0.0024	0.0103	0.0002	0.1067	67.6	2.3	66.2	1.1	211	35	66.2	1.1	2.1
GOM5_82	168	1.42	0.0818	0.0045	0.0116	0.0004	0.2606	79.8	4.2	74.4	2.2	307	61	74.4	2.2	6.8
GOM5_60	254.3	1.58	0.0828	0.0022	0.0125	0.0002	0.1292	80.7	2.0	80.3	1.2	159	34	80.3	1.2	0.5
GOM5_16	123.6	1.76	0.0857	0.0027	0.0127	0.0002	0.2757	83.5	2.5	81.2	1.2	199	33	81.2	1.2	2.8
GOM5_12	95.8	2.03	0.0834	0.0040	0.0127	0.0004	0.3696	81.3	3.7	81.6	2.6	172	32	81.6	2.6	0.4
GOM5_49	63.6	1.19	0.0870	0.0038	0.0129	0.0003	-0.0335	85.2	3.4	82.6	2.0	275	37	82.6	2.0	3.1
GOM5_90	296	2.43	0.0906	0.0019	0.0140	0.0002	-0.0386	88.3	1.8	89.8	1.0	141	28	89.8	1.0	1.7
GOM5_113	225	2.45	0.0917	0.0024	0.0142	0.0003	0.1651	89.1	2.3	90.7	1.6	119	24	90.7	1.6	1.8
GOM5_9	293	0.97	0.0929	0.0021	0.0143	0.0002	0.0085	90.1	1.9	91.4	1.0	141	27	91.4	1.0	1.4
GOM5_13	42.8	1.17	0.0984	0.0059	0.0143	0.0004	-0.0357	95.1	5.5	91.4	2.2	383	72	91.4	2.2	3.9
GOM5_34	85.2	0.93	0.0979	0.0039	0.0144	0.0003	-0.1326	94.7	3.6	92.4	1.8	270	42	92.4	1.8	2.4
GOM5_37	274	1.55	0.0974	0.0022	0.0145	0.0002	-0.0014	94.3	2.0	92.6	1.0	184	26	92.6	1.0	1.8
GOM5_93	630	1.86	0.1032	0.0023	0.0147	0.0002	-0.0271	99.7	2.1	94.0	1.0	254	31	94.0	1.0	5.7
GOM5_1	50.5	0.86	0.1004	0.0073	0.0147	0.0004	-0.1112	96.9	6.7	94.1	2.4	318	81	94.1	2.4	2.9
GOM5_94	129.5	1.85	0.1010	0.0022	0.0152	0.0002	0.0121	97.7	2.0	97.0	1.4	175	27	97.0	1.4	0.7
GOM5_21	375.9	0.97	0.1021	0.0016	0.0154	0.0002	0.0794	98.7	1.5	98.5	1.1	136	20	98.5	1.1	0.2
GOM5_112	133.5	1.59	0.1141	0.0034	0.0156	0.0002	0.1099	110.0	3.0	99.5	1.5	348	46	99.5	1.5	9.5
GOM5_119	465	3.87	0.1022	0.0021	0.0157	0.0003	0.4598	98.8	1.9	100.3	1.8	120	23	100.3	1.8	1.5
GOM5_51	95.4	1.33	0.1042	0.0063	0.0157	0.0004	0.0511	100.6	5.8	100.5	2.5	147	50	100.5	2.5	0.1
GOM5_38	403	1.47	0.1251	0.0020	0.0185	0.0002	0.2610	119.6	1.8	118.0	1.2	155	19	118.0	1.2	1.3
GOM5_14	126.9	0.89	0.1534	0.0035	0.0227	0.0003	0.0086	144.8	3.1	144.9	2.1	198	30	144.9	2.1	0.1
GOM5_115	11.33	0.32	0.1710	0.0160	0.0244	0.0009	0.0013	161.0	13.0	155.4	5.5	467	79	155.4	5.5	3.5
GOM5_87	28.19	0.42	0.1680	0.0076	0.0249	0.0006	0.0171	157.2	6.7	158.4	3.5	335	55	158.4	3.5	0.8
GOM5_72	21.2	1.10	0.1790	0.0110	0.0249	0.0008	0.1042	166.4	9.5	158.7	4.8	444	68	158.7	4.8	4.6
GOM5_32	93.1	0.50	0.1750	0.0051	0.0250	0.0006	0.3060	163.7	4.4	158.8	4.0	269	56	158.8	4.0	3.0
GOM5_11	202	1.52	0.1747	0.0030	0.0255	0.0003	0.3039	163.7	2.6	162.2	1.7	188	20	162.2	1.7	0.9
GOM5_69	333	0.88	0.1756	0.0039	0.0257	0.0003	0.4832	164.8	3.3	163.6	2.0	202	22	163.6	2.0	0.7
GOM5_20	112.5	0.60	0.1784	0.0037	0.0260	0.0004	0.0304	166.6	3.1	165.2	2.2	227	31	165.2	2.2	0.8
GOM5_75	236	0.96	0.1762	0.0033	0.0262	0.0003	0.3864	164.8	2.8	166.6	1.9	158	21	166.6	1.9	1.1
GOM5_44	72.4	0.79	0.1836	0.0042	0.0264	0.0004	0.0994	171.0	3.6	168.2	2.7	264	31	168.2	2.7	1.6
GOM5_104	193.3	0.47	0.1818	0.0038	0.0265	0.0004	0.1466	169.5	3.3	168.5	2.2	190	27	168.5	2.2	0.6
GOM5_100	213	1.61	0.1813	0.0036	0.0267	0.0003	0.0673	169.1	3.1	169.7	2.1	172	26	169.7	2.1	0.4
GOM5_15	353	1.65	0.1824	0.0024	0.0269	0.0003	0.2782	170.1	2.0	171.0	1.9	167	20	171.0	1.9	0.5
GOM5_80	348	0.88	0.1875	0.0025	0.0273	0.0003	0.3260	174.4	2.2	173.5	1.9	186	15	173.5	1.9	0.5
GOM5_55	330	1.00	0.1855	0.0030	0.0274	0.0003	0.3953	172.7	2.6	174.5	1.7	182	18	174.5	1.7	1.0
GOM5_52	319	0.88	0.1892	0.0032	0.0275	0.0003	0.3108	175.9	2.7	175.0	2.0	198	20	175.0	2.0	0.5
GOM5_103	427	0.49	0.1875	0.0018	0.0276	0.0002	0.1041	174.7	1.6	175.5	1.3	182	15	175.5	1.3	0.5
GOM5_99	200.7	0.91	0.1908	0.0056	0.0277	0.0005	0.4096	177.2	4.7	176.0	2.8	207	30	176.0	2.8	0.7
GOM5_41	590	1.40	0.1945	0.0023	0.0280	0.0003	0.4780	180.4	1.9	177.7	1.6	201	11	177.7	1.6	1.5
GOM5_31	190.7	0.82	0.2050	0.0120	0.0290	0.0005	0.9561	189.3	9.5	184.3	3.4	232	47	184.3	3.4	2.6
GOM5_111	146.1	0.96	0.2332	0.0040	0.0336	0.0003	-0.0497	212.8	3.3	212.9	2.1	224	24	212.9	2.1	0.0
GOM5_25	170.8	1.40	0.2359	0.0045	0.0338	0.0003	0.2918	215.5	3.8	214.3	2.1	216	22	214.3	2.1	0.6
GOM5_30	133	0.65	0.2407	0.0046	0.0342	0.0004	0.2380	218.8	3.8	217.0	2.3	236	21	217.0	2.3	0.8
GOM5_76	251	1.32	0.2471	0.0041	0.0357	0.0004	0.3908	224.1	3.3	225.9	2.5	225	22	225.9	2.5	0.8
GOM5_78	100	4.50	0.6630	0.0210	0.0830	0.0020	0.6470	516.0	13.0	514.0	12.0	547	30	514.0	12.0	0.4
GOM5_36	61.6	0.47	0.9640	0.0170	0.1113	0.0011	0.2521	685.0	8.7	680.4	6.6	698	20	680.4	6.6	0.7
GOM5_62	116.6	0.93	1.7090	0.0160	0.1704	0.0013	0.4624	1012.5	6.2	1014.5	7.1	1021	9	1020.7	8.6	0.6
GOM5_77	133.8	106.20	1.7620	0.0190	0.1729	0.0014	0.5436	1031.2	6.9	1028.2	7.6	1038	11	1038.0	11.0	0.9
GOM5_47	158	1.86	1.7660	0.0160	0.1720	0.0014	0.5699	1033.4	6.0	1023.1	7.9	1054	10	1054.0	10.0	2.9

GOM5_106	75.7	0.84	1.8270	0.0170	0.1748	0.0015	0.3517	1054.8	6.3	1038.2	8.3	1083	12	1083.0	12.0	4.1
GOM5_8	115.5	1.97	1.8340	0.0250	0.1752	0.0024	0.7811	1058.2	9.2	1040.0	13.0	1106	10	1106.0	10.0	6.0
GOM5_71	50.8	0.61	1.8560	0.0230	0.1756	0.0020	0.4567	1066.1	8.4	1043.0	11.0	1114	13	1114.0	13.0	6.4
GOM5_84	153.2	0.80	2.0060	0.0180	0.1886	0.0019	0.6171	1117.9	6.1	1114.0	10.0	1134	9	1133.9	8.7	1.8
GOM5_24	239	1.85	1.9830	0.0150	0.1849	0.0014	0.7357	1110.3	5.3	1094.3	7.6	1140	6	1140.0	5.5	4.0
GOM5_108	264	1.12	2.2850	0.0170	0.2063	0.0017	0.6723	1207.5	5.1	1208.8	8.9	1201	8	1200.8	7.6	0.7
GOM5_95	182.7	1.45	2.4070	0.0210	0.2160	0.0016	0.7089	1244.5	6.1	1260.7	8.7	1230	6	1229.7	5.9	2.5
GOM5_26	118	1.21	2.3180	0.0210	0.2042	0.0019	0.6594	1218.1	6.5	1198.0	10.0	1250	8	1249.8	8.0	4.1
GOM5_59	425	1.66	2.9020	0.0270	0.2375	0.0021	0.7703	1382.0	7.0	1375.0	11.0	1407	7	1406.7	7.2	2.3
GOM5_81	190.2	2.70	2.7330	0.0390	0.2233	0.0027	0.8635	1338.0	11.0	1299.0	14.0	1408	8	1408.3	7.5	7.8
GOM5_91	242	0.98	3.0360	0.0170	0.2460	0.0017	0.5090	1416.5	4.4	1417.7	8.7	1415	7	1414.5	6.8	0.2
GOM5_48	195	1.73	3.0510	0.0200	0.2468	0.0018	0.6330	1420.3	4.9	1421.7	9.2	1418	7	1417.8	6.8	0.3
GOM5_57	319	1.68	2.8320	0.0430	0.2303	0.0036	0.9406	1363.0	12.0	1335.0	19.0	1419	8	1419.0	7.6	5.9
GOM5_43	250	2.07	2.9950	0.0210	0.2415	0.0021	0.7440	1406.0	5.2	1395.0	11.0	1421	7	1421.0	7.2	1.8
GOM5_107	173	1.27	3.0240	0.0240	0.2424	0.0017	0.6395	1413.3	6.1	1398.9	8.9	1434	6	1433.5	6.1	2.4
GOM5_120	76.4	0.76	3.0760	0.0290	0.2470	0.0026	0.6252	1426.3	7.3	1423.0	13.0	1434	9	1434.4	8.9	0.8
GOM5_70	241.7	1.19	3.0250	0.0230	0.2412	0.0022	0.7581	1414.8	5.5	1393.0	11.0	1446	5	1446.4	5.3	3.7
GOM5_3	289	1.14	2.7470	0.0170	0.2197	0.0017	0.7241	1341.0	4.6	1280.1	9.1	1447	6	1447.2	6.0	11.5
GOM5_27	315.1	1.31	3.0850	0.0270	0.2446	0.0025	0.7714	1429.4	6.6	1410.0	13.0	1460	7	1460.3	7.3	3.4
GOM5_68	102.8	1.83	3.2100	0.0360	0.2538	0.0028	0.8502	1459.0	8.7	1458.0	14.0	1463	9	1462.5	9.1	0.3
GOM5_45	463	1.73	2.8240	0.0430	0.2227	0.0035	0.9638	1361.0	12.0	1296.0	19.0	1464	5	1463.8	5.1	11.5
GOM5_85	96.5	2.52	3.5970	0.0370	0.2643	0.0024	0.7359	1548.3	8.1	1512.0	12.0	1605	7	1605.0	7.1	5.8
GOM5_40	87.4	0.79	3.3980	0.0340	0.2450	0.0032	0.7886	1503.5	7.8	1415.0	16.0	1642	8	1642.1	8.3	13.8
GOM5_86	27.2	0.44	4.1050	0.0530	0.2891	0.0035	0.4346	1654.0	10.0	1639.0	18.0	1676	13	1676.0	13.0	2.2
GOM5_18	105.9	1.01	4.0650	0.0280	0.2855	0.0023	0.6035	1647.8	5.8	1619.0	12.0	1681	7	1680.6	7.0	3.7
GOM5_5	172	0.96	3.8750	0.0550	0.2727	0.0031	0.8810	1609.0	11.0	1554.0	16.0	1684	7	1684.4	6.8	7.7
GOM5_114	36.76	0.69	4.1170	0.0410	0.2889	0.0031	0.5322	1657.0	8.2	1636.0	16.0	1687	11	1687.0	11.0	3.0
GOM5_2	326	1.20	4.3020	0.0450	0.3004	0.0032	0.9044	1694.2	8.7	1693.0	16.0	1689	5	1688.7	5.2	0.3
GOM5_64	319	1.43	4.0240	0.0390	0.2821	0.0031	0.8591	1638.5	7.8	1601.0	16.0	1695	6	1695.4	6.1	5.6
GOM5_110	166.6	1.37	4.0680	0.0370	0.2827	0.0025	0.7014	1647.5	7.3	1605.0	13.0	1697	7	1696.7	7.0	5.4
GOM5_92	189	1.49	4.1300	0.0460	0.2886	0.0030	0.6118	1659.8	9.0	1634.0	15.0	1700	11	1700.0	11.0	3.9
GOM5_7	183.3	1.78	4.3140	0.0320	0.2984	0.0022	0.7008	1695.8	6.2	1685.0	11.0	1713	7	1712.5	6.7	1.6
GOM5_102	557	1.52	4.4160	0.0360	0.3000	0.0032	0.8703	1714.9	6.9	1691.0	16.0	1746	6	1745.6	6.1	3.1
GOM5_63	313	2.07	4.4900	0.0490	0.3051	0.0030	0.8666	1730.7	9.0	1716.0	15.0	1746	6	1746.2	6.0	1.7
GOM5_6	725	9.85	4.4100	0.0260	0.2984	0.0017	0.8259	1715.1	4.8	1683.4	8.7	1750	3	1750.1	3.3	3.8
GOM5_105	695	1.29	4.4350	0.0350	0.2984	0.0025	0.8309	1719.5	6.7	1685.0	12.0	1764	5	1764.2	4.5	4.5
GOM5_58	169.4	0.78	5.2550	0.0510	0.3294	0.0035	0.7232	1861.1	8.4	1835.0	17.0	1890	5	1890.3	5.4	2.9
GOM5_56	12.8	1.36	5.4080	0.0850	0.3394	0.0050	0.4599	1885.0	13.0	1883.0	24.0	1903	13	1903.0	13.0	1.1
GOM5_96	73.4	0.88	6.6480	0.0470	0.3813	0.0026	0.6545	2066.3	6.3	2082.0	12.0	2056	6	2055.5	5.5	1.3

Sample:GOM6	Isotopic Ratios							Isotopic ages (Ma)								
Analysis	[U] ppm	U/Th	207/235	2σ err.	206/238	2σ err.	RHO	207/235	2σ err.	206/238	2σ err.	207/206	2σ err.	Best age	2σ err.	% Dis.
GOM6_107	27.2	0.83	0.0291	0.0032	0.0047	0.0002	0.1222	29.1	3.1	30.3	1.3	640	140	30.3	1.3	4.1
GOM6_97	174.2	1.02	0.0348	0.0015	0.0048	0.0001	-0.0214	34.7	1.5	31.1	0.5	390	51	31.1	0.5	10.3
GOM6_113	42.2	0.71	0.0347	0.0031	0.0050	0.0002	0.0050	34.5	3.0	32.4	1.2	512	77	32.4	1.2	6.1
GOM6_20	128.4	0.60	0.0340	0.0021	0.0052	0.0002	0.4940	33.9	2.0	33.3	1.3	275	93	33.3	1.3	1.8
GOM6_50	47	0.88	0.0372	0.0050	0.0053	0.0002	0.1766	37.0	4.9	34.0	1.6	400	120	34.0	1.6	8.1
GOM6_39	114.7	1.10	0.0360	0.0016	0.0054	0.0001	-0.0363	36.2	1.6	34.4	0.8	283	50	34.4	0.8	5.1
GOM6_58	333.1	1.06	0.0355	0.0011	0.0053	0.0001	0.1299	35.4	1.1	34.4	0.5	185	31	34.4	0.5	2.9
GOM6_23	170	0.70	0.0373	0.0013	0.0057	0.0001	0.0950	37.2	1.2	36.4	0.5	239	45	36.4	0.5	2.2
GOM6_32	42.49	0.77	0.0395	0.0038	0.0057	0.0002	0.0664	39.3	3.7	36.4	1.3	350	89	36.4	1.3	7.4
GOM6_57	83	0.49	0.0462	0.0021	0.0068	0.0002	-0.0696	45.8	2.1	43.8	1.1	342	69	43.8	1.1	4.4
GOM6_76	107.8	1.31	0.0547	0.0023	0.0082	0.0002	0.0027	54.1	2.2	52.4	1.4	231	53	52.4	1.4	3.1
GOM6_13	227	0.82	0.0541	0.0014	0.0083	0.0001	0.0454	53.5	1.3	53.1	0.8	141	28	53.1	0.8	0.8
GOM6_117	88.5	0.72	0.0553	0.0025	0.0087	0.0002	0.1419	54.6	2.4	55.8	1.1	282	70	55.8	1.1	2.2
GOM6_21	359.4	1.16	0.0585	0.0015	0.0088	0.0002	0.1996	57.7	1.4	56.7	1.1	109	22	56.7	1.1	1.7
GOM6_74	123.8	0.85	0.0584	0.0019	0.0089	0.0002	-0.0300	57.6	1.9	57.3	1.3	181	38	57.3	1.3	0.5
GOM6_48	232	1.41	0.0580	0.0012	0.0089	0.0001	0.0700	57.3	1.1	57.4	0.8	128	24	57.4	0.8	0.1
GOM6_59	192.2	1.97	0.0595	0.0015	0.0091	0.0002	-0.0852	58.7	1.4	58.7	0.9	172	30	58.7	0.9	0.0

GOM6_84	76.3	0.66	0.0594	0.0025	0.0092	0.0002	0.1079	58.5	2.4	58.8	1.4	271	54	58.8	1.4	0.5
GOM6_16	183	0.96	0.0602	0.0017	0.0092	0.0001	-0.1459	59.3	1.7	59.0	0.9	157	36	59.0	0.9	0.6
GOM6_124	159.9	1.31	0.0603	0.0020	0.0093	0.0002	0.1708	59.4	1.9	59.7	1.1	185	38	59.7	1.1	0.5
GOM6_18	282.6	0.91	0.0625	0.0014	0.0093	0.0002	0.1539	61.5	1.4	59.8	0.9	156	23	59.8	0.9	2.8
GOM6_90	233	1.37	0.0605	0.0015	0.0094	0.0002	0.1114	59.7	1.5	60.0	0.9	151	31	60.0	0.9	0.5
GOM6_94	41.78	0.76	0.0636	0.0038	0.0095	0.0003	-0.1818	62.5	3.6	61.1	1.9	405	79	61.1	1.9	2.2
GOM6_100	169	1.11	0.0647	0.0021	0.0100	0.0001	-0.0070	63.6	2.0	64.1	0.7	224	41	64.1	0.7	0.8
GOM6_128	318	3.36	0.0673	0.0015	0.0104	0.0002	0.2270	66.2	1.5	66.4	1.3	147	30	66.4	1.3	0.3
GOM6_60	43.8	0.68	0.0746	0.0072	0.0106	0.0003	0.1146	72.7	6.4	68.0	1.8	431	93	68.0	1.8	6.5
GOM6_103	239.8	0.79	0.0714	0.0036	0.0109	0.0003	0.0727	70.0	3.4	69.7	1.6	158	54	69.7	1.6	0.4
GOM6_26	133.5	1.07	0.0720	0.0025	0.0110	0.0002	0.2250	71.0	2.3	70.2	1.2	187	46	70.2	1.2	1.1
GOM6_118	472	0.81	0.0766	0.0015	0.0111	0.0002	0.3608	74.9	1.4	71.2	1.4	189	24	71.2	1.4	4.9
GOM6_66	234.3	1.25	0.0773	0.0018	0.0117	0.0001	0.2142	75.6	1.7	74.7	0.8	185	30	74.7	0.8	1.2
GOM6_22	106.5	1.22	0.0730	0.0043	0.0117	0.0004	0.1195	71.5	4.1	75.2	2.3	142	26	75.2	2.3	5.2
GOM6_65	567	1.13	0.0797	0.0018	0.0118	0.0001	0.0161	77.8	1.7	75.5	0.9	152	28	75.5	0.9	3.0
GOM6_15	302.6	1.61	0.0778	0.0019	0.0118	0.0002	0.3001	76.1	1.8	75.6	1.1	160	32	75.6	1.1	0.7
GOM6_112	156	0.99	0.0775	0.0021	0.0119	0.0002	-0.0342	75.7	1.9	76.0	1.1	161	30	76.0	1.1	0.4
GOM6_87	93.9	2.65	0.0801	0.0035	0.0121	0.0003	-0.1938	78.2	3.3	77.5	1.7	234	53	77.5	1.7	0.9
GOM6_3	88.9	1.10	0.0798	0.0035	0.0121	0.0002	0.1267	78.0	3.3	77.8	1.5	164	45	77.8	1.5	0.3
GOM6_55	22.5	0.39	0.0838	0.0080	0.0123	0.0005	0.0136	81.4	7.4	79.1	3.3	446	87	79.1	3.3	2.8
GOM6_40	69.1	0.73	0.0863	0.0027	0.0125	0.0003	0.2178	84.4	2.6	80.1	1.6	265	35	80.1	1.6	5.1
GOM6_106	860	1.25	0.0860	0.0016	0.0132	0.0002	0.5623	83.8	1.5	84.3	1.2	107	22	84.3	1.2	0.6
GOM6_123	97	1.09	0.0880	0.0030	0.0132	0.0002	0.1711	85.6	2.8	84.7	1.3	213	32	84.7	1.3	1.1
GOM6_14	199.4	1.50	0.0891	0.0022	0.0133	0.0002	-0.0408	86.7	2.1	85.3	1.2	141	32	85.3	1.2	1.6
GOM6_95	277.7	1.64	0.0874	0.0017	0.0134	0.0001	0.0983	85.1	1.6	85.6	0.9	137	24	85.6	0.9	0.6
GOM6_1	205	3.12	0.0902	0.0019	0.0138	0.0002	-0.0011	87.7	1.8	88.2	1.3	105	24	88.2	1.3	0.6
GOM6_125	232.2	0.92	0.0869	0.0031	0.0138	0.0003	0.4129	84.6	2.9	88.5	1.6	92	31	88.5	1.6	4.6
GOM6_28	167.3	1.97	0.0926	0.0027	0.0139	0.0002	0.1047	90.3	2.6	89.0	1.2	191	28	89.0	1.2	1.4
GOM6_72	355	1.06	0.0910	0.0029	0.0140	0.0002	-0.0305	88.4	2.7	89.8	1.4	75	20	89.8	1.4	1.6
GOM6_108	142	1.32	0.0932	0.0028	0.0143	0.0002	-0.0986	90.8	2.5	91.5	1.3	250	43	91.5	1.3	0.8
GOM6_34	181.9	2.49	0.0956	0.0025	0.0146	0.0002	-0.0632	92.7	2.3	93.7	1.0	125	28	93.7	1.0	1.1
GOM6_127	166	2.43	0.0933	0.0029	0.0148	0.0003	0.0963	90.5	2.7	94.8	2.2	91	43	94.8	2.2	4.8
GOM6_70	426	1.77	0.1028	0.0014	0.0157	0.0002	0.4705	99.4	1.3	100.1	1.1	101	13	100.1	1.1	0.7
GOM6_96	404	1.20	0.1044	0.0032	0.0159	0.0004	0.4065	100.7	3.0	101.7	2.8	136	34	101.7	2.8	1.0
GOM6_86	328.2	1.78	0.1129	0.0017	0.0170	0.0001	0.2197	108.6	1.5	109.0	0.9	119	17	109.0	0.9	0.3
GOM6_10	694	0.71	0.1479	0.0017	0.0214	0.0002	0.5278	140.1	1.5	136.5	1.5	199	16	136.5	1.5	2.6
GOM6_104	91.9	1.08	0.1517	0.0078	0.0220	0.0007	0.0870	143.4	6.9	140.2	4.2	180	72	140.2	4.2	2.2
GOM6_99	338.2	1.08	0.1529	0.0019	0.0230	0.0002	0.1846	144.4	1.7	146.6	1.4	134	16	146.6	1.4	1.5
GOM6_98	71.7	0.91	0.1585	0.0079	0.0231	0.0006	0.1824	149.3	6.9	147.1	3.5	245	51	147.1	3.5	1.5
GOM6_122	124.9	0.52	0.1557	0.0060	0.0231	0.0005	0.2259	146.8	5.3	147.1	3.1	180	53	147.1	3.1	0.2
GOM6_9	52.3	0.37	0.1662	0.0048	0.0241	0.0004	0.0322	156.5	4.1	153.5	2.7	274	44	153.5	2.7	1.9
GOM6_44	212	0.84	0.1719	0.0026	0.0248	0.0003	0.3071	161.1	2.2	157.7	1.7	166	20	157.7	1.7	2.1
GOM6_81	559	1.38	0.1727	0.0023	0.0253	0.0003	0.7207	161.7	2.0	160.8	1.8	171	10	160.8	1.8	0.6
GOM6_30	211.4	0.38	0.1702	0.0021	0.0253	0.0002	0.3107	159.8	1.8	161.1	1.3	131	13	161.1	1.3	0.8
GOM6_105	761	0.91	0.1748	0.0018	0.0258	0.0002	0.2841	163.5	1.6	164.3	1.5	166	17	164.3	1.5	0.5
GOM6_116	357	0.53	0.1771	0.0019	0.0260	0.0002	0.2124	165.8	1.6	165.3	1.3	176	15	165.3	1.3	0.3
GOM6_4	337	0.51	0.1740	0.0035	0.0260	0.0003	0.3251	162.8	3.1	165.4	1.9	161	24	165.4	1.9	1.6
GOM6_88	349	0.67	0.1783	0.0019	0.0260	0.0003	0.4049	166.6	1.6	165.7	1.6	166	13	165.7	1.6	0.5
GOM6_119	217	0.89	0.1771	0.0025	0.0261	0.0002	0.3145	165.5	2.1	165.9	1.4	172	19	165.9	1.4	0.2
GOM6_83	305	1.14	0.1841	0.0026	0.0272	0.0003	0.4993	171.6	2.2	173.0	2.0	176	17	173.0	2.0	0.8
GOM6_79	276	0.98	0.1880	0.0030	0.0274	0.0003	0.2938	174.9	2.6	174.1	2.0	169	20	174.1	2.0	0.5
GOM6_120	480	0.74	0.2024	0.0043	0.0296	0.0004	0.4593	187.1	3.6	188.3	2.6	196	28	188.3	2.6	0.6
GOM6_8	103	1.79	0.2088	0.0036	0.0301	0.0004	0.0127	192.4	3.0	191.3	2.2	210	22	191.3	2.2	0.6
GOM6_25	209	0.90	0.2185	0.0052	0.0313	0.0005	0.6467	200.6	4.3	198.5	3.1	207	26	198.5	3.1	1.0
GOM6_12	622	1.83	0.2326	0.0023	0.0334	0.0003	0.4666	212.3	1.9	212.0	2.0	230	16	212.0	2.0	0.1
GOM6_41	143.7	0.50	0.2491	0.0043	0.0345	0.0005	0.2717	225.8	3.5	218.7	2.9	265	27	218.7	2.9	3.1
GOM6_91	86.6	1.18	0.2416	0.0046	0.0348	0.0005	0.1685	219.6	3.8	220.3	2.8	241	28	220.3	2.8	0.3
GOM6_35	334	2.02	0.2501	0.0029	0.0358	0.0003	0.4904	226.6	2.3	226.9	1.9	234	15	226.9	1.9	0.1
GOM6_6	166	1.36	0.2555	0.0045	0.0362	0.0004	0.2448	230.9	3.7	229.0	2.4	261	26	229.0	2.4	0.8
GOM6_54	223	1.30	0.2567	0.0035	0.0362	0.0004	0.1357	232.0	2.8	229.4	2.6	244	21	229.4	2.6	1.1

GOM6_78	252	1.24	0.2548	0.0031	0.0366	0.0003	0.1264	230.4	2.5	231.6	2.0	227	15	231.6	2.0	0.5
GOM6_77	425.3	1.21	0.2598	0.0039	0.0371	0.0005	0.4124	234.5	3.1	234.8	3.3	248	18	234.8	3.3	0.1
GOM6_7	295	1.71	0.2630	0.0028	0.0374	0.0003	0.2223	237.0	2.3	236.9	1.8	236	15	236.9	1.8	0.0
GOM6_92	167	1.12	0.2952	0.0041	0.0421	0.0004	0.1755	262.6	3.2	265.9	2.2	249	18	265.9	2.2	1.3
GOM6_69	354	2.70	0.3028	0.0037	0.0423	0.0003	0.2026	268.5	2.9	266.7	2.1	282	14	266.7	2.1	0.7
GOM6_53	511	2.03	0.4121	0.0047	0.0558	0.0007	0.5075	350.3	3.4	349.8	3.9	360	15	349.8	3.9	0.1
GOM6_73	240	0.71	0.4389	0.0051	0.0579	0.0005	0.4294	369.4	3.6	363.1	2.9	397	14	363.1	2.9	1.7
GOM6_109	322	1.49	0.6910	0.0051	0.0870	0.0004	0.1987	533.7	3.1	537.6	2.6	525	9	537.6	2.6	0.7
GOM6_56	78.9	0.98	1.5790	0.0140	0.1595	0.0011	0.4586	961.8	5.4	953.9	6.2	989	10	953.9	6.2	0.8
GOM6_52	33.8	0.79	1.8560	0.0240	0.1797	0.0016	0.3130	1065.0	8.6	1065.0	8.6	1061	15	1061.0	15.0	0.4
GOM6_111	34.1	1.05	1.8470	0.0250	0.1782	0.0015	0.3902	1062.7	8.8	1056.9	8.1	1070	15	1070.0	15.0	1.2
GOM6_61	76.5	1.73	1.9180	0.0220	0.1830	0.0017	0.6181	1087.9	7.3	1083.3	9.5	1085	13	1085.0	13.0	0.2
GOM6_27	66.3	1.03	1.7980	0.0600	0.1714	0.0058	0.6925	1044.0	22.0	1020.0	32.0	1097	27	1097.0	27.0	7.0
GOM6_5	23.1	1.12	2.0660	0.0270	0.1949	0.0018	0.3347	1137.9	8.9	1147.5	9.7	1132	18	1132.0	18.0	1.4
GOM6_67	54.4	1.24	2.0060	0.0200	0.1875	0.0016	0.2352	1117.0	6.8	1107.9	8.7	1140	12	1140.0	12.0	2.8
GOM6_114	52.4	1.47	2.0870	0.0230	0.1946	0.0018	0.3321	1144.1	7.4	1147.2	9.5	1140	12	1140.0	12.0	0.6
GOM6_89	83.3	1.19	2.0750	0.0200	0.1941	0.0014	0.5150	1140.2	6.5	1143.4	7.5	1142	10	1142.1	9.9	0.1
GOM6_64	22.6	0.96	1.9810	0.0330	0.1846	0.0025	0.2564	1108.0	11.0	1092.0	13.0	1145	22	1145.0	22.0	4.6
GOM6_47	193.5	1.29	2.0800	0.0170	0.1929	0.0014	0.6049	1141.9	5.6	1137.2	7.6	1148	7	1147.6	7.0	0.9
GOM6_51	127	1.05	2.1910	0.0200	0.1982	0.0014	0.5780	1177.9	6.2	1165.8	7.6	1195	8	1194.5	8.3	2.4
GOM6_49	32.4	0.41	2.8170	0.0380	0.2329	0.0021	0.1106	1359.0	10.0	1350.0	11.0	1384	14	1384.0	14.0	2.5
GOM6_42	120	0.65	2.9230	0.0240	0.2383	0.0020	0.6291	1387.4	6.3	1378.0	10.0	1392	8	1392.0	7.8	1.0
GOM6_63	80.1	0.85	2.8390	0.0210	0.2303	0.0015	0.3795	1365.6	5.5	1335.9	8.0	1404	7	1403.9	7.3	4.8
GOM6_46	156.2	1.02	2.9140	0.0160	0.2374	0.0012	0.2829	1385.5	4.1	1373.1	6.4	1409	7	1409.4	7.4	2.6
GOM6_102	180.3	2.15	2.8950	0.0240	0.2357	0.0018	0.8189	1381.4	6.5	1364.1	9.4	1416	7	1415.5	7.0	3.6
GOM6_19	387	1.54	2.9260	0.0250	0.2371	0.0018	0.7512	1389.0	6.3	1371.4	9.5	1422	6	1422.0	5.9	3.6
GOM6_110	177.1	0.88	2.8640	0.0280	0.2297	0.0015	0.8151	1372.1	7.4	1332.6	7.7	1432	6	1432.2	6.1	7.0
GOM6_126	457	0.84	2.8340	0.0220	0.2301	0.0022	0.7834	1364.2	5.9	1335.0	12.0	1437	5	1436.8	4.6	7.1
GOM6_45	532	3.71	2.9940	0.0260	0.2381	0.0020	0.7213	1406.6	6.5	1377.0	11.0	1439	8	1438.8	8.4	4.3
GOM6_85	114.1	0.95	3.0720	0.0250	0.2440	0.0015	0.5006	1425.4	6.2	1407.5	7.5	1446	7	1445.6	7.3	2.6
GOM6_43	25.8	0.65	3.1240	0.0320	0.2469	0.0019	0.1815	1439.0	7.6	1422.0	10.0	1450	12	1450.0	12.0	1.9
GOM6_62	274	2.22	3.0500	0.0370	0.2428	0.0023	0.8279	1419.3	9.3	1401.0	12.0	1452	7	1452.1	6.9	3.5
GOM6_37	321	0.87	3.1000	0.0240	0.2431	0.0021	0.7678	1432.4	5.9	1403.0	11.0	1469	5	1469.1	5.2	4.5
GOM6_101	9.11	0.62	4.0050	0.0610	0.2876	0.0043	0.3820	1639.0	13.0	1631.0	21.0	1636	17	1636.0	17.0	0.3
GOM6_68	73.2	0.86	3.9490	0.0250	0.2833	0.0021	0.7264	1623.5	5.1	1606.0	10.0	1643	7	1643.2	7.4	2.3
GOM6_82	163	2.02	4.1170	0.0560	0.2912	0.0028	0.8780	1656.0	11.0	1647.0	14.0	1657	14	1657.0	14.0	0.6
GOM6_38	98	0.52	4.2030	0.0340	0.2937	0.0021	0.6312	1674.2	6.5	1660.0	10.0	1675	7	1674.5	7.4	0.9
GOM6_93	118.1	1.40	4.2220	0.0460	0.2982	0.0047	0.7250	1678.8	9.2	1682.0	23.0	1682	13	1682.0	13.0	0.0
GOM6_11	133	1.51	4.2660	0.0230	0.2984	0.0016	0.5559	1686.7	4.5	1683.1	8.0	1689	6	1688.5	6.4	0.3
GOM6_17	31.32	2.12	4.1110	0.0400	0.2901	0.0032	0.5708	1655.8	8.1	1642.0	16.0	1691	10	1691.0	10.0	2.9
GOM6_2	219	1.74	4.6450	0.0250	0.3154	0.0018	0.6539	1757.7	4.5	1766.9	8.6	1750	5	1750.0	4.6	1.0
GOM6_31	150.1	2.67	5.2650	0.0320	0.3353	0.0020	0.5877	1862.9	5.1	1864.0	9.7	1862	6	1862.3	5.7	0.1
GOM6_75	123.5	1.41	10.7370	0.0900	0.4538	0.0040	0.6763	2500.3	7.8	2412.0	18.0	2569	6	2568.5	6.1	6.1
GOM6_29	38.3	0.50	14.2000	0.1000	0.5250	0.0038	0.6806	2763.8	6.6	2720.0	16.0	2791	6	2790.6	5.5	2.5

Sample:GOM7	Isotopic Ratios							Isotopic ages (Ma)								
Analysis	[U] ppm	U/Th	207/235	2σ err.	206/238	2σ err.	RHO	207/235	2σ err.	206/238	2σ err.	207/206	2σ err.	Best age	2σ err.	% Dis.
GOM7_618	76.6	0.51	0.0270	0.0021	0.0040	0.0001	-0.0150	27.0	2.1	25.5	0.7	552	92	25.5	0.7	5.7
GOM7_94	220	1.15	0.0277	0.0012	0.0043	0.0001	0.0371	27.7	1.2	27.5	0.6	263	47	27.5	0.6	0.9
GOM7_89	162.4	0.90	0.0326	0.0019	0.0046	0.0001	0.3548	32.5	1.9	29.4	0.7	315	61	29.4	0.7	9.5
GOM7_102	214	0.90	0.0301	0.0013	0.0046	0.0001	0.1777	30.1	1.3	29.9	0.6	202	52	29.9	0.6	0.7
GOM7_615	173.5	1.29	0.0339	0.0014	0.0050	0.0001	-0.0440	33.9	1.4	32.0	0.9	267	38	32.0	0.9	5.5
GOM7_644	146.9	0.81	0.0345	0.0023	0.0051	0.0001	0.0190	34.4	2.3	32.9	0.8	236	68	32.9	0.8	4.4
GOM7_61	191.8	0.77	0.0340	0.0012	0.0053	0.0001	-0.0088	33.9	1.2	33.9	0.6	184	52	33.9	0.6	0.1
GOM7_64	1132	0.12	0.0343	0.0006	0.0054	0.0000	0.0984	34.2	0.6	34.6	0.3	84	18	34.6	0.3	1.2
GOM7_111	225	1.06	0.0346	0.0012	0.0054	0.0001	-0.0533	34.5	1.2	35.0	0.5	200	50	35.0	0.5	1.4
GOM7_638	68.3	0.56	0.0368	0.0050	0.0056	0.0003	0.2066	36.7	4.8	35.8	2.1	630	280	35.8	2.1	2.5
GOM7_68	86	0.60	0.0368	0.0025	0.0056	0.0002	0.0115	36.7	2.4	36.0	1.0	418	74	36.0	1.0	1.9
GOM7_62	393	1.02	0.0365	0.0011	0.0057	0.0001	0.0396	36.4	1.1	36.9	0.6	155	35	36.9	0.6	1.3

GOM7_657	158.3	0.84	0.0437	0.0018	0.0066	0.0001	-0.0044	43.4	1.8	42.6	0.9	330	62	42.6	0.9	1.8
GOM7_70	43.2	0.64	0.0493	0.0042	0.0071	0.0003	0.1235	49.2	4.0	45.3	1.7	517	79	45.3	1.7	7.9
GOM7_71	214.2	1.50	0.0520	0.0014	0.0079	0.0001	0.1027	51.4	1.3	50.7	0.9	140	30	50.7	0.9	1.4
GOM7_63	189.8	1.59	0.0528	0.0013	0.0082	0.0001	-0.0894	52.2	1.3	52.8	0.8	206	40	52.8	0.8	1.1
GOM7_2	89.3	0.72	0.0550	0.0030	0.0084	0.0002	-0.1296	54.3	2.9	53.7	1.1	207	49	53.7	1.1	1.1
GOM7_96	206.8	1.56	0.0568	0.0015	0.0087	0.0001	0.1230	56.0	1.5	55.8	0.7	186	41	55.8	0.7	0.3
GOM7_58	212	0.85	0.0574	0.0015	0.0088	0.0001	0.1363	56.6	1.5	56.2	0.7	187	36	56.2	0.7	0.7
GOM7_607	200	0.76	0.0557	0.0015	0.0088	0.0002	-0.0459	55.0	1.4	56.3	1.0	137	27	56.3	1.0	2.3
GOM7_1	248.6	1.58	0.0574	0.0016	0.0088	0.0001	0.0210	56.6	1.5	56.4	0.7	191	38	56.4	0.7	0.4
GOM7_4	260	0.91	0.0589	0.0018	0.0089	0.0001	-0.0282	58.1	1.8	56.8	0.8	167	31	56.8	0.8	2.3
GOM7_633	342	0.87	0.0596	0.0017	0.0089	0.0002	0.2597	58.7	1.6	57.1	1.2	143	30	57.1	1.2	2.7
GOM7_3	375	1.19	0.0587	0.0014	0.0090	0.0001	0.0895	57.9	1.3	57.6	0.8	158	26	57.6	0.8	0.6
GOM7_113	791	1.37	0.0618	0.0007	0.0095	0.0001	0.2712	60.9	0.7	60.8	0.6	93	15	60.8	0.6	0.1
GOM7_6	94.7	2.61	0.0624	0.0044	0.0096	0.0004	-0.2821	61.4	4.2	61.6	2.3	273	94	61.6	2.3	0.3
GOM7_635	510	3.16	0.0711	0.0015	0.0103	0.0001	0.1641	69.7	1.4	65.8	0.8	185	25	65.8	0.8	5.7
GOM7_117	86.3	2.82	0.0702	0.0031	0.0110	0.0002	0.0747	68.8	2.9	70.7	1.2	215	44	70.7	1.2	2.8
GOM7_95	208	2.01	0.0724	0.0017	0.0111	0.0001	0.1147	70.9	1.6	70.9	0.8	147	24	70.9	0.8	0.0
GOM7_626	106.9	1.10	0.0728	0.0028	0.0111	0.0002	0.0297	71.3	2.7	71.2	1.3	280	48	71.2	1.3	0.1
GOM7_658	230	1.07	0.0756	0.0028	0.0116	0.0003	0.1968	74.0	2.7	74.2	1.6	176	51	74.2	1.6	0.3
GOM7_67	262	1.40	0.0794	0.0020	0.0119	0.0002	0.0326	77.6	1.9	76.2	0.9	170	28	76.2	0.9	1.8
GOM7_59	443	0.76	0.0824	0.0017	0.0122	0.0002	0.1775	80.4	1.6	78.3	0.9	154	29	78.3	0.9	2.6
GOM7_617	315	0.62	0.0820	0.0018	0.0124	0.0002	0.2830	80.0	1.7	79.4	1.0	166	27	79.4	1.0	0.7
GOM7_104	210	1.18	0.0916	0.0020	0.0134	0.0002	0.0843	88.9	1.8	85.8	1.0	191	29	85.8	1.0	3.5
GOM7_5	278	0.96	0.0928	0.0030	0.0140	0.0003	0.1939	90.0	2.8	89.6	1.6	147	30	89.6	1.6	0.4
GOM7_97	118.2	0.96	0.0909	0.0031	0.0140	0.0003	-0.1237	88.3	2.9	90.1	1.7	164	39	90.1	1.7	2.0
GOM7_621	132.8	1.48	0.1057	0.0056	0.0146	0.0004	-0.2015	101.9	5.2	93.5	2.7	275	86	93.5	2.7	8.2
GOM7_60	42.1	0.67	0.1035	0.0057	0.0150	0.0003	-0.0996	99.8	5.2	95.9	2.0	355	57	95.9	2.0	3.9
GOM7_614	212	0.91	0.0996	0.0025	0.0151	0.0002	0.0345	96.4	2.3	96.4	1.3	124	20	96.4	1.3	0.0
GOM7_73	304	1.03	0.0993	0.0017	0.0151	0.0002	0.0716	96.1	1.6	96.6	1.0	156	22	96.6	1.0	0.5
GOM7_610	396.4	1.17	0.1018	0.0024	0.0154	0.0002	0.3590	98.9	2.4	98.8	1.3	129	33	98.8	1.3	0.1
GOM7_92	485	1.46	0.1019	0.0016	0.0154	0.0002	0.2009	98.5	1.4	98.8	1.1	123	21	98.8	1.1	0.3
GOM7_103	498	1.37	0.1050	0.0019	0.0157	0.0002	0.4368	101.4	1.8	100.3	1.2	144	24	100.3	1.2	1.1
GOM7_99	438	1.27	0.1432	0.0016	0.0212	0.0002	0.3514	135.9	1.4	135.1	1.1	148	16	135.1	1.1	0.6
GOM7_76	188	1.75	0.1480	0.0047	0.0221	0.0003	0.0904	140.1	4.2	140.7	2.0	161	36	140.7	2.0	0.4
GOM7_625	126.1	0.92	0.1441	0.0030	0.0221	0.0003	0.1050	136.6	2.7	140.8	2.1	162	30	140.8	2.1	3.1
GOM7_101	224	1.38	0.1499	0.0024	0.0225	0.0002	0.0538	141.8	2.2	143.4	1.4	141	21	143.4	1.4	1.1
GOM7_112	323	0.63	0.1677	0.0021	0.0249	0.0002	0.3121	157.4	1.8	158.3	1.1	165	15	158.3	1.1	0.6
GOM7_651	70.1	0.27	0.1742	0.0059	0.0252	0.0005	0.1894	162.9	5.1	160.4	3.3	277	44	160.4	3.3	1.5
GOM7_627	709	0.69	0.1759	0.0027	0.0255	0.0003	0.6239	164.9	2.2	162.3	1.9	184	12	162.3	1.9	1.6
GOM7_7	428	1.56	0.1773	0.0019	0.0260	0.0002	0.2851	165.7	1.6	165.2	1.3	177	15	165.2	1.3	0.3
GOM7_606	316	0.92	0.1804	0.0032	0.0264	0.0003	0.3827	168.7	2.8	167.8	1.6	183	19	167.8	1.6	0.5
GOM7_93	305	0.90	0.1807	0.0026	0.0265	0.0004	0.5321	168.6	2.3	168.4	2.3	173	22	168.4	2.3	0.1
GOM7_641	328.9	1.20	0.1817	0.0029	0.0266	0.0003	0.2787	169.8	2.5	169.5	1.7	168	20	169.5	1.7	0.2
GOM7_90	154	0.76	0.1825	0.0031	0.0269	0.0003	0.2861	170.1	2.7	171.2	1.5	174	22	171.2	1.5	0.6
GOM7_640	459	0.97	0.1856	0.0051	0.0270	0.0005	0.1777	172.9	4.4	171.7	3.0	190	42	171.7	3.0	0.7
GOM7_629	334.2	1.28	0.1982	0.0074	0.0284	0.0006	0.6612	183.5	6.2	180.3	3.5	230	38	180.3	3.5	1.7
GOM7_120	226.3	1.19	0.2033	0.0028	0.0296	0.0003	0.3421	187.9	2.3	187.9	1.6	197	18	187.9	1.6	0.0
GOM7_100	161	1.45	0.2074	0.0043	0.0301	0.0005	0.2327	191.3	3.6	191.2	2.8	223	27	191.2	2.8	0.1
GOM7_605	210.1	0.98	0.2113	0.0040	0.0303	0.0004	0.3777	194.5	3.3	192.3	2.6	238	22	192.3	2.6	1.1
GOM7_110	208.3	2.65	0.2110	0.0140	0.0304	0.0011	0.8763	194.0	11.0	193.0	6.7	172	52	193.0	6.7	0.5
GOM7_74	167.9	1.55	0.2127	0.0036	0.0307	0.0003	0.1974	195.7	3.0	194.8	1.7	204	24	194.8	1.7	0.5
GOM7_107	399	1.24	0.2163	0.0030	0.0311	0.0004	0.6782	198.7	2.5	197.4	2.3	211	15	197.4	2.3	0.7
GOM7_620	259	9.60	0.2410	0.0059	0.0347	0.0004	0.2265	219.1	4.8	219.8	2.7	224	20	219.8	2.7	0.3
GOM7_636	686	0.83	0.2531	0.0026	0.0360	0.0003	0.3717	229.0	2.1	227.8	1.7	243	16	227.8	1.7	0.5
GOM7_611	168.4	2.18	0.2594	0.0049	0.0370	0.0004	0.3853	234.1	3.9	234.2	2.4	243	28	234.2	2.4	0.0
GOM7_660	163	1.26	0.2888	0.0056	0.0408	0.0006	0.1758	257.4	4.4	257.8	3.8	262	28	257.8	3.8	0.2
GOM7_630	34.1	1.35	0.5970	0.0160	0.0763	0.0019	0.4618	474.0	10.0	474.0	11.0	508	35	474.0	11.0	0.0
GOM7_622	171.5	0.75	0.8620	0.0110	0.1021	0.0009	0.5218	630.8	5.8	626.4	5.0	658	17	626.4	5.0	0.7
GOM7_654	40.8	1.83	1.6180	0.0270	0.1622	0.0015	0.2729	976.0	10.0	969.0	8.3	1003	21	969.0	8.3	0.7
GOM7_91	285	2.26	1.6430	0.0110	0.1626	0.0011	0.6429	986.9	4.2	971.3	6.1	1032	6	971.3	6.1	1.6

GOM7_110	178.9	1.63	2.0050	0.0130	0.1660	0.0016	0.4957	1117.0	4.4	990.0	8.8	1372	12	990.0	8.8	11.4
GOM7_72	52.6	1.05	1.7360	0.0200	0.1670	0.0015	0.3218	1021.3	7.6	995.4	8.5	1069	13	995.4	8.5	2.5
GOM7_106	137.2	1.23	1.6760	0.0180	0.1674	0.0019	0.5985	999.3	6.9	998.0	10.0	1017	13	998.0	10.0	0.1
GOM7_613	65.8	0.96	1.9960	0.0290	0.1881	0.0019	0.1545	1116.0	10.0	1111.0	11.0	1122	22	1122.0	22.0	1.0
GOM7_639	238	1.59	1.9150	0.0220	0.1805	0.0028	0.5705	1086.0	7.8	1070.0	15.0	1123	15	1123.0	15.0	4.7
GOM7_69	101.7	0.73	1.9780	0.0170	0.1853	0.0012	0.1489	1108.6	5.6	1095.8	6.3	1135	10	1135.0	10.0	3.5
GOM7_78	258.3	2.30	1.8700	0.0320	0.1751	0.0028	0.8472	1070.0	11.0	1040.0	15.0	1136	13	1136.0	13.0	8.5
GOM7_628	100.8	3.17	1.9640	0.0220	0.1831	0.0019	0.6858	1103.7	7.8	1084.0	11.0	1142	10	1141.6	9.5	5.0
GOM7_653	37.6	1.18	2.0750	0.0290	0.1924	0.0021	0.3113	1139.7	9.4	1134.0	11.0	1158	14	1158.0	14.0	2.1
GOM7_609	236	2.26	1.9510	0.0300	0.1781	0.0022	0.9109	1098.0	10.0	1056.0	12.0	1169	12	1169.0	12.0	9.7
GOM7_632	121	1.25	2.2410	0.0320	0.2034	0.0033	0.3973	1193.4	9.9	1193.0	18.0	1199	19	1199.0	19.0	0.5
GOM7_66	9.7	2.31	2.2260	0.0700	0.2044	0.0041	0.0342	1187.0	22.0	1199.0	22.0	1210	31	1210.0	31.0	0.9
GOM7_619	73.6	0.95	2.5290	0.0290	0.2149	0.0019	0.5606	1280.1	8.4	1255.0	10.0	1324	12	1324.0	12.0	5.2
GOM7_608	110.7	0.84	2.9150	0.0330	0.2389	0.0029	0.7350	1387.2	8.9	1381.0	15.0	1387	11	1387.0	11.0	0.4
GOM7_116	283	1.02	2.8630	0.0150	0.2338	0.0013	0.5948	1372.0	4.0	1354.2	6.7	1407	6	1406.9	5.6	3.7
GOM7_98	130.5	1.77	2.9240	0.0190	0.2385	0.0019	0.5410	1388.0	4.8	1378.9	9.8	1410	8	1410.4	7.8	2.2
GOM7_655	184.4	2.46	2.9670	0.0230	0.2405	0.0021	0.5177	1398.9	5.8	1389.0	11.0	1412	8	1412.1	7.6	1.6
GOM7_115	162.4	1.64	2.9630	0.0200	0.2408	0.0016	0.5548	1398.0	5.2	1390.6	8.4	1413	7	1412.5	6.6	1.6
GOM7_648	92.9	1.28	2.9750	0.0250	0.2395	0.0018	0.4475	1400.8	6.3	1383.7	9.6	1421	10	1421.0	10.0	2.6
GOM7_649	102.9	1.92	2.9900	0.0440	0.2390	0.0040	0.5063	1404.0	11.0	1381.0	21.0	1429	18	1429.0	18.0	3.4
GOM7_108	25.1	1.57	2.9400	0.0450	0.2333	0.0030	0.3927	1393.0	12.0	1351.0	16.0	1459	16	1459.0	16.0	7.4
GOM7_616	196	1.85	3.1250	0.0350	0.2441	0.0027	0.6758	1439.2	8.7	1408.0	14.0	1486	9	1486.1	9.0	5.3
GOM7_604	58.3	2.57	3.1500	0.0800	0.2432	0.0065	0.6144	1444.0	20.0	1406.0	33.0	1495	26	1495.0	26.0	6.0
GOM7_623	98.2	3.46	3.6520	0.0430	0.2708	0.0028	0.4003	1560.3	9.3	1544.0	14.0	1595	15	1595.0	15.0	3.2
GOM7_642	188.1	2.78	3.9970	0.0290	0.2905	0.0021	0.5473	1633.3	5.9	1644.0	10.0	1619	9	1619.4	8.8	1.5
GOM7_105	188	10.90	3.6640	0.0330	0.2615	0.0024	0.7663	1563.2	7.1	1498.0	12.0	1659	6	1659.0	5.9	9.7
GOM7_114	194	1.60	3.9390	0.0380	0.2792	0.0027	0.8163	1621.4	7.7	1587.0	14.0	1669	5	1668.6	5.3	4.9
GOM7_601	100.4	0.59	4.1340	0.0290	0.2915	0.0021	0.4546	1660.8	5.6	1649.0	10.0	1671	7	1670.9	7.0	1.3
GOM7_602	288	3.60	3.7590	0.0620	0.2643	0.0050	0.8983	1584.0	13.0	1511.0	26.0	1675	8	1675.3	8.4	9.8
GOM7_652	309.4	1.83	4.1060	0.0320	0.2875	0.0026	0.7348	1656.3	6.1	1629.0	13.0	1689	6	1689.1	6.0	3.6
GOM7_659	283	2.51	4.1200	0.0280	0.2893	0.0022	0.6154	1658.1	5.6	1638.0	11.0	1693	6	1693.4	6.1	3.3
GOM7_634	187.6	2.05	4.2800	0.0930	0.2925	0.0057	0.1785	1688.0	17.0	1654.0	28.0	1711	12	1711.0	12.0	3.3
GOM7_624	186.6	2.11	4.1020	0.0490	0.2826	0.0030	0.6722	1654.3	9.7	1604.0	15.0	1724	10	1724.0	10.0	7.0
GOM7_109	276	1.25	4.5160	0.0320	0.3073	0.0022	0.7294	1733.5	5.9	1727.0	11.0	1738	6	1738.2	6.4	0.6
GOM7_650	80.8	2.48	4.4930	0.0310	0.3047	0.0026	0.4852	1729.3	5.7	1714.0	13.0	1743	9	1742.8	9.0	1.7
GOM7_631	82.4	1.70	4.0910	0.0560	0.2763	0.0030	0.7891	1652.0	11.0	1573.0	15.0	1761	8	1760.9	7.9	10.7
GOM7_75	316	3.82	4.6050	0.0260	0.3024	0.0018	0.7460	1750.6	4.5	1703.0	9.1	1816	4	1816.3	4.3	6.2
GOM7_643	236	2.22	7.9000	0.1400	0.3995	0.0045	0.7991	2217.0	16.0	2166.0	21.0	2265	17	2265.0	17.0	4.4
GOM7_656	461	1.88	14.7800	0.1400	0.5212	0.0050	0.8267	2801.0	8.8	2704.0	21.0	2876	4	2875.5	4.4	6.0

Sample:GOM8	Isotopic Ratios							Isotopic ages (Ma)								
Analysis	[U] ppm	U/Th	207/235	2σ err.	206/238	2σ err.	RHO	207/235	2σ err.	206/238	2σ err.	207/206	2σ err.	Best age	2σ err.	% Dis.
GOM8_15	94.2	1.32	0.0308	0.0053	0.0043	0.0004	0.0064	30.7	5.2	27.5	2.4	340	340	27.5	2.4	10.4
GOM8_28	168.8	1.56	0.0306	0.0029	0.0044	0.0002	0.1500	30.5	2.8	28.1	1.0	220	180	28.1	1.0	7.9
GOM8_110	132.3	0.91	0.0358	0.0043	0.0055	0.0004	0.0892	35.6	4.2	35.2	2.3	90	240	35.2	2.3	1.1
GOM8_59	384	0.27	0.0372	0.0018	0.0056	0.0001	0.0356	37.1	1.8	36.1	0.9	130	100	36.1	0.9	2.6
GOM8_64	106.5	0.34	0.0373	0.0043	0.0057	0.0004	0.0991	37.1	4.2	36.4	2.3	80	220	36.4	2.3	1.9
GOM8_38	127.4	1.28	0.0384	0.0037	0.0057	0.0003	0.1580	38.2	3.6	36.8	1.6	140	190	36.8	1.6	3.7
GOM8_58	95.4	0.59	0.0417	0.0051	0.0061	0.0006	0.1900	41.5	5.0	39.2	3.8	280	220	39.2	3.8	5.5
GOM8_73	507	1.16	0.0403	0.0023	0.0062	0.0002	0.0276	40.1	2.2	39.8	1.1	100	130	39.8	1.1	0.7
GOM8_122	140	1.10	0.0432	0.0052	0.0063	0.0003	0.0690	42.8	5.1	40.3	1.8	190	260	40.3	1.8	5.8
GOM8_79	71	0.47	0.0470	0.0100	0.0064	0.0006	0.0888	46.0	10.0	41.2	3.9	280	450	41.2	3.9	10.4
GOM8_11	65.5	1.24	0.0473	0.0061	0.0066	0.0005	0.1285	46.8	5.9	42.4	3.0	300	250	42.4	3.0	9.4
GOM8_112	47.4	1.07	0.0506	0.0094	0.0070	0.0006	0.0303	49.8	9.1	45.1	3.5	160	330	45.1	3.5	9.4
GOM8_86	113.5	0.63	0.0512	0.0071	0.0071	0.0004	0.0778	50.5	6.9	45.3	2.2	290	290	45.3	2.2	10.3
GOM8_10	456	21.90	0.0533	0.0028	0.0079	0.0003	0.5790	53.2	2.8	50.4	2.1	139	86	50.4	2.1	5.3
GOM8_49	64.9	1.31	0.0607	0.0060	0.0085	0.0005	0.0678	59.6	5.7	54.3	3.2	360	220	54.3	3.2	8.9
GOM8_89	104.5	0.97	0.0612	0.0092	0.0091	0.0006	0.0596	62.4	9.5	58.2	3.7	130	270	58.2	3.7	6.7
GOM8_62	184	1.32	0.0621	0.0049	0.0092	0.0003	0.0347	61.1	4.7	58.8	1.9	160	160	58.8	1.9	3.8

GOM8_13	648	0.67	0.0605	0.0018	0.0092	0.0002	0.0610	59.6	1.7	59.2	1.2	73	68	59.2	1.2	0.7
GOM8_61	324	4.16	0.0615	0.0053	0.0094	0.0003	0.0432	60.5	5.0	60.1	1.7	60	180	60.1	1.7	0.7
GOM8_55	90	0.84	0.0623	0.0066	0.0096	0.0004	0.1679	61.1	6.2	61.3	2.4	180	230	61.3	2.4	0.3
GOM8_8	140.2	0.69	0.0656	0.0056	0.0103	0.0005	0.1625	64.4	5.3	65.7	3.1	70	170	65.7	3.1	2.0
GOM8_113	170.3	1.09	0.0707	0.0044	0.0105	0.0003	0.1652	69.3	4.2	67.5	1.7	110	120	67.5	1.7	2.6
GOM8_97	201	1.72	0.0780	0.0077	0.0114	0.0006	0.0807	76.1	7.3	72.9	3.7	310	210	72.9	3.7	4.2
GOM8_85	238.4	4.78	0.0794	0.0050	0.0116	0.0003	0.0689	77.5	4.7	74.2	2.1	170	140	74.2	2.1	4.3
GOM8_9	79.3	0.70	0.0800	0.0100	0.0116	0.0006	0.0585	77.6	9.4	74.4	3.8	250	270	74.4	3.8	4.1
GOM8_77	169.3	1.32	0.0924	0.0057	0.0137	0.0004	0.2757	92.2	5.4	88.0	2.4	150	110	88.0	2.4	4.6
GOM8_103	48.1	1.71	0.0942	0.0097	0.0141	0.0013	0.2449	91.3	9.0	90.2	8.1	140	190	90.2	8.1	1.2
GOM8_92	153	1.02	0.0953	0.0050	0.0145	0.0004	0.0685	92.2	4.6	92.7	2.6	110	120	92.7	2.6	0.5
GOM8_115	100.7	1.44	0.1050	0.0110	0.0151	0.0011	0.1000	101.0	10.0	96.5	6.9	190	260	96.5	6.9	4.5
GOM8_23	104.8	1.23	0.1770	0.0210	0.0251	0.0020	0.0685	166.0	18.0	160.0	12.0	350	330	160.0	12.0	3.6
GOM8_42	76	0.47	0.1680	0.0110	0.0252	0.0008	0.3774	157.0	10.0	160.7	5.0	170	140	160.7	5.0	2.4
GOM8_83	38.4	0.35	0.1860	0.0130	0.0264	0.0013	0.3793	173.0	11.0	167.9	7.9	320	150	167.9	7.9	2.9
GOM8_52	63.1	1.19	0.1950	0.0092	0.0275	0.0011	0.1388	180.5	7.8	175.0	6.7	250	130	175.0	6.7	3.0
GOM8_21	88.3	0.63	0.2220	0.0150	0.0309	0.0009	0.2193	203.0	12.0	196.1	5.3	290	120	196.1	5.3	3.4
GOM8_76	177.6	2.09	0.2212	0.0067	0.0317	0.0006	0.0788	202.8	5.6	201.4	3.5	212	80	201.4	3.5	0.7
GOM8_14	128.7	2.12	0.2330	0.0160	0.0331	0.0016	0.0037	212.0	13.0	209.8	9.8	220	160	209.8	9.8	1.0
GOM8_35	142.6	0.82	0.2510	0.0170	0.0352	0.0014	0.2813	231.0	13.0	222.7	8.5	330	150	222.7	8.5	3.6
GOM8_57	194.2	0.70	0.2488	0.0078	0.0358	0.0009	0.5326	225.5	6.4	226.9	5.4	240	64	226.9	5.4	0.6
GOM8_40	710	28.90	0.2515	0.0047	0.0360	0.0006	0.4988	228.3	3.9	228.1	3.7	226	42	228.1	3.7	0.1
GOM8_119	218	0.83	0.2590	0.0110	0.0361	0.0011	0.4767	233.7	8.5	228.8	6.9	242	81	228.8	6.9	2.1
GOM8_48	244	1.46	0.2559	0.0071	0.0363	0.0006	0.0289	231.1	5.7	229.9	3.5	241	63	229.9	3.5	0.5
GOM8_22	856	0.96	0.5000	0.0190	0.0646	0.0022	0.7284	412.0	13.0	403.0	13.0	482	64	403.0	13.0	2.2
GOM8_105	129.2	1.10	0.5230	0.0180	0.0680	0.0009	0.1576	428.2	9.3	423.9	5.5	429	69	423.9	5.5	1.0
GOM8_12	212.5	2.31	1.6800	0.0230	0.1669	0.0020	0.4498	1003.3	8.0	995.0	11.0	1026	24	995.0	11.0	0.8
GOM8_99	36	0.83	1.7880	0.0470	0.1770	0.0028	0.1446	1038.0	17.0	1050.0	15.0	1002	59	1002.0	59.0	4.8
GOM8_121	136.8	2.78	1.7450	0.0350	0.1709	0.0020	0.1463	1024.0	13.0	1017.0	11.0	1013	34	1013.0	34.0	0.4
GOM8_16	92	1.33	1.7570	0.0290	0.1715	0.0023	0.2901	1029.0	11.0	1020.0	13.0	1020	36	1020.0	36.0	0.0
GOM8_80	252.9	2.42	1.7840	0.0230	0.1761	0.0018	0.4823	1038.9	8.5	1046.0	10.0	1031	19	1031.0	19.0	1.5
GOM8_5	17.53	1.03	1.7920	0.0640	0.1748	0.0052	0.0883	1044.0	22.0	1038.0	29.0	1042	94	1042.0	94.0	0.4
GOM8_101	85	1.68	1.8910	0.0350	0.1851	0.0026	0.1054	1077.0	12.0	1095.0	14.0	1044	43	1044.0	43.0	4.9
GOM8_2	310.6	1.69	1.8420	0.0230	0.1780	0.0023	0.6839	1059.9	8.4	1056.0	12.0	1069	19	1069.0	19.0	1.2
GOM8_118	92.4	1.01	1.9340	0.0390	0.1845	0.0027	0.4665	1091.0	13.0	1091.0	15.0	1078	34	1078.0	34.0	1.2
GOM8_72	55	0.85	2.0060	0.0450	0.1894	0.0032	0.3281	1115.0	15.0	1118.0	17.0	1109	40	1109.0	40.0	0.8
GOM8_114	50.7	0.79	1.8590	0.0460	0.1761	0.0034	0.3876	1067.0	16.0	1045.0	19.0	1113	52	1113.0	52.0	6.1
GOM8_63	22.54	1.19	2.0730	0.0710	0.1986	0.0050	0.0715	1146.0	24.0	1167.0	27.0	1131	89	1131.0	89.0	3.2
GOM8_47	99.5	2.13	2.0860	0.0390	0.1927	0.0026	0.3774	1145.0	13.0	1136.0	14.0	1173	35	1173.0	35.0	3.2
GOM8_60	34.6	1.05	2.2270	0.0680	0.2017	0.0040	0.1270	1185.0	21.0	1184.0	22.0	1184	65	1184.0	65.0	0.0
GOM8_82	47.1	1.42	2.2670	0.0470	0.2013	0.0032	0.0406	1200.0	14.0	1182.0	17.0	1207	43	1207.0	43.0	2.1
GOM8_31	40.7	1.16	2.1930	0.0570	0.1973	0.0034	0.0224	1176.0	18.0	1160.0	18.0	1215	60	1215.0	60.0	4.5
GOM8_43	61.6	8.36	2.2490	0.0450	0.2013	0.0027	0.1076	1195.0	14.0	1182.0	15.0	1220	43	1220.0	43.0	3.1
GOM8_122	9.7	0.99	2.5500	0.3000	0.2230	0.0100	0.1613	1281.0	88.0	1296.0	55.0	1230	210	1230.0	210.0	5.4
GOM8_69	15.6	1.32	2.3120	0.0660	0.2052	0.0047	0.2448	1212.0	20.0	1202.0	25.0	1233	66	1233.0	66.0	2.5
GOM8_71	55.6	0.79	2.4140	0.0530	0.2138	0.0045	0.4056	1245.0	16.0	1248.0	24.0	1274	50	1274.0	50.0	2.0
GOM8_32	97.3	1.08	2.6940	0.0420	0.2284	0.0021	0.1148	1327.0	11.0	1326.0	11.0	1341	36	1341.0	36.0	1.1
GOM8_6	16.09	0.56	2.9500	0.1000	0.2418	0.0060	0.3723	1394.0	25.0	1395.0	31.0	1383	69	1383.0	69.0	0.9
GOM8_27	171	1.06	2.8900	0.0230	0.2368	0.0019	0.2779	1379.0	6.1	1369.8	9.9	1394	18	1394.0	18.0	1.7
GOM8_33	204.6	1.22	2.8720	0.0240	0.2348	0.0017	0.3881	1375.0	6.1	1360.6	9.2	1396	16	1396.0	16.0	2.5
GOM8_107	26.9	0.91	2.4380	0.0920	0.1983	0.0043	0.2282	1253.0	26.0	1166.0	23.0	1408	67	1408.0	67.0	17.2
GOM8_67	67.3	1.28	3.1300	0.0470	0.2555	0.0032	0.4472	1442.0	12.0	1468.0	17.0	1421	24	1421.0	24.0	3.3
GOM8_18	59.5	1.02	2.9970	0.0500	0.2429	0.0028	0.2427	1407.0	13.0	1401.0	15.0	1424	35	1424.0	35.0	1.6
GOM8_90	65.9	0.77	3.0090	0.0550	0.2433	0.0038	0.2358	1408.0	14.0	1403.0	20.0	1430	41	1430.0	41.0	1.9
GOM8_66	25.72	0.65	3.1500	0.1400	0.2525	0.0062	0.2971	1441.0	34.0	1451.0	32.0	1432	78	1432.0	78.0	1.3
GOM8_98	154.6	0.62	3.0840	0.0330	0.2490	0.0019	0.2642	1428.1	8.3	1433.0	10.0	1434	22	1434.0	22.0	0.1
GOM8_123	110.1	1.09	3.1340	0.0370	0.2473	0.0026	0.2479	1440.3	9.2	1424.0	13.0	1446	27	1446.0	27.0	1.5
GOM8_29	232	7.90	3.0260	0.0430	0.2432	0.0036	0.6656	1413.0	11.0	1403.0	18.0	1448	22	1448.0	22.0	3.1
GOM8_7	48.63	1.16	3.1270	0.0760	0.2485	0.0034	0.2340	1438.0	19.0	1431.0	18.0	1452	43	1452.0	43.0	1.4
GOM8_106	102.5	0.85	3.1490	0.0400	0.2506	0.0034	0.5719	1443.8	9.9	1441.0	18.0	1454	26	1454.0	26.0	0.9

GOM8_108	677	1.50	2.9700	0.1200	0.2357	0.0093	0.8583	1400.0	30.0	1364.0	48.0	1455	39	1455.0	39.0	6.3
GOM8_117	53.3	1.16	3.2980	0.0900	0.2567	0.0035	0.5485	1472.0	18.0	1473.0	18.0	1455	43	1455.0	43.0	1.2
GOM8_70	46.54	1.01	3.4370	0.0860	0.2692	0.0045	0.2778	1511.0	20.0	1536.0	23.0	1463	45	1463.0	45.0	5.0
GOM8_109	20.5	0.69	3.0990	0.0730	0.2455	0.0051	0.2110	1434.0	18.0	1417.0	27.0	1467	51	1467.0	51.0	3.4
GOM8_37	86.7	0.73	3.1260	0.0740	0.2453	0.0031	0.2775	1436.0	17.0	1416.0	15.0	1487	45	1487.0	45.0	4.8
GOM8_54	49.2	0.71	3.3910	0.0860	0.2625	0.0052	0.2334	1499.0	20.0	1505.0	26.0	1495	45	1495.0	45.0	0.7
GOM8_93	10.63	1.84	3.3900	0.1200	0.2615	0.0070	0.1273	1495.0	29.0	1496.0	36.0	1547	80	1547.0	80.0	3.3
GOM8_51	45.7	4.44	3.5900	0.1200	0.2670	0.0067	0.6805	1544.0	28.0	1524.0	34.0	1581	43	1581.0	43.0	3.6
GOM8_96	107.6	1.21	3.7220	0.0430	0.2742	0.0032	0.2817	1575.3	9.2	1562.0	16.0	1610	27	1610.0	27.0	3.0
GOM8_94	82.6	2.53	3.6000	0.1200	0.2626	0.0075	0.7469	1548.0	26.0	1503.0	38.0	1635	47	1635.0	47.0	8.1
GOM8_104	218	1.58	4.2280	0.0330	0.2972	0.0026	0.7143	1679.1	6.5	1677.0	13.0	1684	14	1684.0	14.0	0.4
GOM8_75	104.2	1.27	4.3190	0.0510	0.3025	0.0034	0.4086	1698.0	10.0	1703.0	17.0	1685	22	1685.0	22.0	1.1
GOM8_88	76.5	1.84	4.3830	0.0640	0.3049	0.0049	0.4631	1709.0	12.0	1715.0	24.0	1689	30	1689.0	30.0	1.5
GOM8_3	257	1.34	4.1220	0.0710	0.2893	0.0036	0.8375	1660.0	14.0	1638.0	18.0	1694	15	1694.0	15.0	3.3
GOM8_74	426.8	1.14	4.0010	0.0470	0.2763	0.0037	0.6853	1634.0	9.6	1572.0	19.0	1711	19	1711.0	19.0	8.1
GOM8_95	246	1.19	4.4320	0.0540	0.3064	0.0033	0.6645	1719.0	10.0	1723.0	16.0	1711	18	1711.0	18.0	0.7
GOM8_45	105	0.90	4.3020	0.0500	0.2983	0.0029	0.4420	1692.9	9.5	1683.0	15.0	1714	21	1714.0	21.0	1.8
GOM8_68	84.2	0.99	4.1940	0.0670	0.2927	0.0046	0.6014	1671.0	13.0	1654.0	23.0	1715	25	1715.0	25.0	3.6
GOM8_65	27.2	0.55	4.2100	0.1100	0.2946	0.0070	0.2352	1673.0	22.0	1664.0	35.0	1722	60	1722.0	60.0	3.4
GOM8_50	177.9	0.40	4.3100	0.0680	0.2984	0.0053	0.6502	1694.0	13.0	1683.0	26.0	1725	25	1725.0	25.0	2.4
GOM8_120	177.3	1.05	4.5420	0.0450	0.3096	0.0032	0.6126	1738.1	8.4	1738.0	16.0	1729	17	1729.0	17.0	0.5
GOM8_25	33.6	2.90	4.2460	0.0700	0.2942	0.0044	0.3302	1685.0	14.0	1662.0	22.0	1740	31	1740.0	31.0	4.5
GOM8_44	28.5	1.25	4.4400	0.1000	0.2992	0.0046	0.2790	1717.0	19.0	1687.0	23.0	1754	42	1754.0	42.0	3.8
GOM8_41	210	2.85	4.5870	0.0420	0.3094	0.0028	0.3885	1746.3	7.6	1737.0	14.0	1762	19	1762.0	19.0	1.4
GOM8_53	126.4	0.92	4.5470	0.0670	0.3070	0.0046	0.6772	1742.0	12.0	1725.0	23.0	1773	24	1773.0	24.0	2.7
GOM8_4	180.3	1.64	5.0430	0.0500	0.3283	0.0038	0.6678	1827.0	8.2	1830.0	18.0	1810	16	1810.0	16.0	1.1
GOM8_20	55.62	2.55	5.1640	0.0820	0.3289	0.0049	0.4849	1848.0	13.0	1832.0	24.0	1873	26	1873.0	26.0	2.2
GOM8_56	129.4	0.79	4.9100	0.2300	0.3080	0.0140	0.3584	1803.0	40.0	1730.0	67.0	1899	96	1899.0	96.0	8.9
GOM8_1	54.4	0.55	5.5570	0.0600	0.3423	0.0041	0.3932	1909.9	9.5	1897.0	20.0	1925	24	1925.0	24.0	1.5
GOM8_116	108.8	0.63	13.4700	0.1700	0.5211	0.0064	0.7114	2712.0	12.0	2707.0	28.0	2709	15	2709.0	15.0	0.1

Sample:GOM9	Isotopic Ratios							Isotopic ages (Ma)								
Analysis	[U] ppm	U/Th	207/235	2σ err.	206/238	2σ err.	RHO	207/235	2σ err.	206/238	2σ err.	207/206	2σ err.	Best age	2σ err.	% Dis.
GOM9_114	178.4	1.04	0.0269	0.0013	0.0041	0.0001	0.0930	26.9	1.3	26.6	0.7	311	63	26.6	0.7	1.3
GOM9_53	313	0.48	0.0277	0.0016	0.0043	0.0001	-0.0701	27.7	1.6	27.7	0.8	210	120	27.7	0.8	0.1
GOM9_78	170.2	1.16	0.0297	0.0015	0.0044	0.0001	0.2086	29.7	1.4	28.5	0.8	335	59	28.5	0.8	4.2
GOM9_43	1016	0.69	0.0384	0.0013	0.0060	0.0001	0.2219	38.2	1.3	38.6	0.8	60	20	38.6	0.8	0.9
GOM9_94	191.7	0.89	0.0403	0.0016	0.0062	0.0002	0.1640	40.1	1.5	39.7	1.0	264	53	39.7	1.0	1.0
GOM9_34	628	1.16	0.0421	0.0012	0.0063	0.0001	0.1234	41.9	1.2	40.6	0.5	151	34	40.6	0.5	3.2
GOM9_57	145	0.61	0.0465	0.0021	0.0072	0.0002	0.0587	46.1	2.1	46.4	1.0	339	73	46.4	1.0	0.7
GOM9_11	463	1.00	0.0469	0.0013	0.0075	0.0001	-0.0281	46.5	1.2	48.3	0.9	112	32	48.3	0.9	3.9
GOM9_1	540.1	0.82	0.0478	0.0016	0.0076	0.0001	0.3559	47.4	1.5	48.9	0.5	49	26	48.9	0.5	3.2
GOM9_36	107	0.69	0.0498	0.0041	0.0077	0.0003	0.0224	49.3	4.0	49.2	1.8	244	68	49.2	1.8	0.2
GOM9_39	210	0.79	0.0501	0.0018	0.0077	0.0002	0.2452	49.6	1.7	49.4	1.1	156	37	49.4	1.1	0.4
GOM9_120	92.5	0.98	0.0806	0.0035	0.0116	0.0002	0.1765	78.6	3.3	74.5	1.4	317	47	74.5	1.4	5.2
GOM9_12	81.6	3.04	0.0746	0.0037	0.0117	0.0002	-0.0986	72.9	3.5	74.8	1.4	251	49	74.8	1.4	2.6
GOM9_62	493	1.61	0.0802	0.0019	0.0122	0.0001	0.1795	78.3	1.8	77.9	0.9	126	24	77.9	0.9	0.5
GOM9_93	200.9	1.46	0.0844	0.0065	0.0128	0.0003	-0.0947	82.2	6.1	82.2	2.0	86	42	82.2	2.0	0.0
GOM9_86	238	1.64	0.0902	0.0030	0.0135	0.0003	0.0138	87.6	2.8	86.5	1.6	157	43	86.5	1.6	1.3
GOM9_23	685	0.97	0.1067	0.0048	0.0146	0.0003	0.3077	102.9	4.4	93.6	1.8	334	54	93.6	1.8	9.0
GOM9_82	148	0.85	0.1539	0.0056	0.0227	0.0004	0.3616	145.2	4.9	144.7	2.4	197	39	144.7	2.4	0.3
GOM9_67	266	0.89	0.1526	0.0028	0.0229	0.0003	0.1679	144.2	2.4	146.2	1.8	154	21	146.2	1.8	1.4
GOM9_72	279.8	0.43	0.1695	0.0033	0.0248	0.0004	0.5224	158.9	2.8	158.0	2.4	159	22	158.0	2.4	0.6
GOM9_50	178.8	0.39	0.1730	0.0046	0.0249	0.0003	0.4107	162.5	4.1	158.2	2.1	195	29	158.2	2.1	2.6
GOM9_131	250	1.12	0.1805	0.0036	0.0252	0.0004	-0.1089	168.4	3.1	160.3	2.4	269	41	160.3	2.4	4.8
GOM9_85	269.9	0.44	0.1783	0.0027	0.0253	0.0003	-0.0553	166.5	2.4	161.1	1.8	258	22	161.1	1.8	3.2
GOM9_64	210.8	0.97	0.1763	0.0043	0.0256	0.0005	0.5050	164.8	3.7	162.7	2.8	193	21	162.7	2.8	1.3
GOM9_29	250	0.61	0.1894	0.0084	0.0262	0.0004	0.4711	176.0	7.1	166.8	2.7	309	71	166.8	2.7	5.2
GOM9_118	324	1.23	0.1874	0.0038	0.0274	0.0004	0.3694	174.4	3.2	174.4	2.4	195	24	174.4	2.4	0.0

GOM9_27	172	2.91	0.2185	0.0080	0.0314	0.0011	0.4464	200.6	6.7	199.4	7.0	228	41	199.4	7.0	0.6
GOM9_14	159	2.26	0.2460	0.0048	0.0337	0.0004	0.3157	223.2	3.9	213.5	2.5	321	29	213.5	2.5	4.3
GOM9_2	230.8	0.70	0.2510	0.0047	0.0351	0.0006	-0.0288	227.3	3.8	222.6	3.5	278	38	222.6	3.5	2.1
GOM9_5	194.6	0.93	0.2488	0.0036	0.0361	0.0003	0.0721	225.5	2.9	228.4	2.0	206	21	228.4	2.0	1.3
GOM9_32	84.8	1.31	0.4750	0.0100	0.0625	0.0007	-0.0888	394.7	7.1	390.9	4.1	424	32	390.9	4.1	1.0
GOM9_97	705	4.40	0.5650	0.0110	0.0670	0.0011	0.2950	454.8	7.2	418.3	6.4	632	17	418.3	6.4	8.0
GOM9_109	338	1.29	0.7750	0.0100	0.0932	0.0011	0.3458	582.8	5.8	574.4	6.3	621	19	574.4	6.3	1.4
GOM9_106	57.7	1.25	1.0070	0.0250	0.1137	0.0024	-0.0510	706.0	13.0	694.0	14.0	747	24	694.0	14.0	1.7
GOM9_126	91.8	1.78	1.2230	0.0610	0.1306	0.0046	0.8859	811.0	28.0	791.0	26.0	929	38	791.0	26.0	2.5
GOM9_58	31.3	0.63	1.4460	0.0870	0.1459	0.0062	0.6806	906.0	36.0	877.0	35.0	954	50	877.0	35.0	3.2
GOM9_107	96.1	1.24	1.6230	0.0170	0.1599	0.0015	0.4867	979.5	6.5	956.3	8.1	1028	14	956.3	8.1	2.4
GOM9_84	79.8	1.43	1.7110	0.0220	0.1673	0.0017	0.4735	1012.2	8.3	997.3	9.4	1051	18	997.3	9.4	1.5
GOM9_31	31.7	1.74	1.8370	0.0670	0.1746	0.0037	0.5058	1057.0	24.0	1037.0	20.0	1109	22	1109.0	22.0	6.5
GOM9_92	177	3.50	1.8140	0.0340	0.1717	0.0025	0.8554	1050.0	12.0	1022.0	14.0	1129	18	1129.0	18.0	9.5
GOM9_61	40.4	0.73	2.0600	0.0270	0.1926	0.0021	0.7099	1136.2	9.5	1135.0	11.0	1136	20	1136.0	20.0	0.1
GOM9_26	93.4	0.89	2.0720	0.0280	0.1919	0.0016	0.0165	1141.1	8.8	1131.4	8.8	1159	19	1159.0	19.0	2.4
GOM9_52	210.2	1.60	2.1040	0.0200	0.1910	0.0017	0.7956	1149.6	6.7	1126.9	9.4	1203	7	1203.4	7.2	6.4
GOM9_69	83.3	1.64	2.4950	0.0510	0.2158	0.0030	0.8394	1272.0	15.0	1260.0	16.0	1271	19	1271.0	19.0	0.9
GOM9_25	27.1	1.85	2.5420	0.0480	0.2179	0.0024	0.2366	1285.0	14.0	1271.0	12.0	1329	21	1329.0	21.0	4.4
GOM9_63	70.6	1.08	2.6870	0.0250	0.2263	0.0020	0.4283	1324.4	6.8	1315.0	10.0	1337	9	1337.3	8.8	1.7
GOM9_3	139	1.65	2.6820	0.0250	0.2255	0.0015	0.4901	1323.2	6.8	1311.0	8.1	1345	10	1345.0	10.0	2.5
GOM9_66	175.2	0.95	2.8730	0.0220	0.2336	0.0020	0.5893	1374.5	5.7	1353.0	10.0	1406	9	1406.0	8.8	3.8
GOM9_104	54.3	1.61	2.6900	0.0440	0.2202	0.0029	0.3808	1325.0	12.0	1283.0	15.0	1407	14	1407.0	14.0	8.8
GOM9_40	35.8	1.38	3.1110	0.0350	0.2534	0.0023	0.2005	1435.9	8.9	1456.0	12.0	1416	17	1416.0	17.0	2.8
GOM9_59	171	1.65	2.9480	0.0250	0.2385	0.0019	0.7428	1393.9	6.5	1378.6	9.7	1422	9	1421.5	8.8	3.0
GOM9_102	56.7	0.63	2.9680	0.0330	0.2402	0.0025	0.5408	1398.8	8.4	1387.0	13.0	1425	10	1425.0	10.0	2.7
GOM9_98	122.1	1.13	2.9720	0.0280	0.2388	0.0025	0.6921	1400.1	7.1	1382.0	13.0	1430	9	1429.9	9.3	3.3
GOM9_90	120.3	1.34	2.9170	0.0220	0.2341	0.0014	0.6687	1386.0	5.7	1355.7	7.2	1432	7	1431.5	6.5	5.3
GOM9_89	64.1	1.11	2.9470	0.0360	0.2367	0.0026	0.4962	1393.3	9.4	1369.0	13.0	1432	13	1432.0	13.0	4.4
GOM9_132	94.4	1.50	2.9300	0.0310	0.2361	0.0022	0.5976	1389.0	8.1	1366.0	11.0	1432	9	1432.3	9.3	4.6
GOM9_88	102.3	0.97	3.1110	0.0210	0.2492	0.0019	0.5274	1435.9	5.0	1434.2	9.6	1438	7	1438.1	7.0	0.3
GOM9_24	252.5	2.50	3.0980	0.0220	0.2466	0.0017	0.6827	1432.0	5.5	1420.6	8.6	1451	7	1450.5	6.8	2.1
GOM9_7	117.9	0.96	3.1000	0.0250	0.2470	0.0017	0.4413	1432.2	6.1	1422.8	8.9	1453	9	1452.6	9.0	2.1
GOM9_4	97.8	1.07	3.0130	0.0270	0.2415	0.0024	0.6814	1411.7	6.5	1394.0	12.0	1453	12	1453.0	12.0	4.1
GOM9_33	98	1.39	3.2250	0.0260	0.2567	0.0021	0.3605	1462.8	6.2	1473.0	11.0	1455	9	1455.1	9.1	1.2
GOM9_75	161.6	0.93	2.8940	0.0290	0.2269	0.0025	0.2166	1380.2	7.6	1318.0	13.0	1460	15	1460.0	15.0	9.7
GOM9_105	55	0.61	3.0600	0.0290	0.2433	0.0019	0.4952	1422.2	7.3	1404.0	10.0	1460	13	1460.0	13.0	3.8
GOM9_42	262	1.89	3.1300	0.0180	0.2465	0.0013	0.4904	1440.0	4.4	1420.3	6.6	1470	6	1469.8	6.3	3.4
GOM9_113	95.7	1.35	3.3080	0.0300	0.2503	0.0027	0.4757	1482.4	7.2	1440.0	14.0	1536	11	1536.0	11.0	6.3
GOM9_13	65	1.74	3.2600	0.1400	0.2479	0.0043	0.4696	1468.0	33.0	1428.0	22.0	1543	62	1543.0	62.0	7.5
GOM9_112	139.2	2.73	3.6200	0.1800	0.2630	0.0110	0.9323	1552.0	39.0	1504.0	57.0	1627	16	1627.0	16.0	7.6
GOM9_49	126	2.46	3.7100	0.1200	0.2647	0.0093	0.7741	1581.0	22.0	1513.0	47.0	1646	38	1646.0	38.0	8.1
GOM9_74	48	2.75	4.0870	0.0480	0.2902	0.0027	0.3736	1651.2	9.6	1642.0	13.0	1646	16	1646.0	16.0	0.2
GOM9_17	279	2.47	3.9450	0.0890	0.2826	0.0039	0.8650	1621.0	19.0	1604.0	20.0	1651	25	1651.0	25.0	2.8
GOM9_9	345	4.27	4.1290	0.0220	0.2947	0.0020	0.6337	1660.0	4.4	1665.0	10.0	1658	5	1657.8	5.1	0.4
GOM9_16	222.4	1.54	4.0280	0.0320	0.2862	0.0022	0.8424	1639.5	6.4	1622.0	11.0	1661	5	1660.7	5.4	2.3
GOM9_20	34.77	1.02	3.7570	0.0540	0.2678	0.0031	0.3929	1583.0	12.0	1530.0	16.0	1670	23	1670.0	23.0	8.4
GOM9_110	140	1.40	4.1580	0.0410	0.2948	0.0032	0.3715	1665.1	8.1	1665.0	16.0	1674	15	1674.0	15.0	0.5
GOM9_8	250.1	1.61	3.9060	0.0520	0.2767	0.0040	0.8581	1615.0	11.0	1575.0	20.0	1675	8	1675.0	8.0	6.0
GOM9_21	164	1.19	4.3070	0.0280	0.3043	0.0022	0.6441	1694.4	5.3	1712.0	11.0	1677	7	1676.8	6.8	2.1
GOM9_22	330	154.00	3.5590	0.0390	0.2513	0.0028	0.7874	1540.1	8.6	1445.0	14.0	1677	6	1676.9	6.3	13.8
GOM9_76	46.1	0.65	3.8860	0.0480	0.2735	0.0035	0.4841	1612.0	9.5	1561.0	17.0	1678	14	1678.0	14.0	7.0
GOM9_116	70.5	0.67	3.9500	0.0520	0.2779	0.0035	0.4479	1624.0	11.0	1580.0	18.0	1679	16	1679.0	16.0	5.9
GOM9_127	105.3	0.91	4.0100	0.0400	0.2822	0.0031	0.6640	1635.6	8.1	1602.0	15.0	1681	8	1681.3	7.5	4.7
GOM9_122	149.3	1.57	3.9690	0.0520	0.2787	0.0037	0.5766	1627.0	11.0	1585.0	18.0	1682	16	1682.0	16.0	5.8
GOM9_65	50.3	0.64	4.1030	0.0410	0.2884	0.0032	0.3902	1655.4	8.0	1633.0	16.0	1683	13	1683.0	13.0	3.0
GOM9_46	155	1.17	4.0600	0.0280	0.2850	0.0019	0.6644	1646.9	5.4	1616.4	9.4	1684	7	1683.7	6.7	4.0
GOM9_45	91.6	0.89	3.9300	0.0350	0.2759	0.0029	0.6912	1620.4	7.4	1570.0	15.0	1685	7	1684.7	7.1	6.8
GOM9_68	92.1	1.08	4.0250	0.0430	0.2826	0.0034	0.7389	1638.5	8.8	1606.0	17.0	1685	9	1685.1	8.5	4.7
GOM9_28	140.6	4.50	4.2690	0.0440	0.2977	0.0034	0.6800	1686.8	8.5	1679.0	17.0	1696	10	1696.0	10.0	1.0

GOM9_99	161.3	1.64	4.1590	0.0330	0.2909	0.0022	0.6862	1667.3	6.8	1646.0	11.0	1696	7	1696.3	7.0	3.0
GOM9_119	76.9	1.74	4.1170	0.0300	0.2887	0.0026	0.6256	1657.3	6.0	1635.0	13.0	1697	9	1697.3	9.1	3.7
GOM9_130	299	5.80	4.2510	0.0390	0.2958	0.0024	0.9235	1683.4	7.6	1670.0	12.0	1699	8	1698.6	7.9	1.7
GOM9_124	202.5	1.29	4.1000	0.0430	0.2837	0.0029	0.6685	1654.1	8.6	1610.0	15.0	1704	9	1704.1	8.6	5.5
GOM9_48	574	4.39	4.3800	0.0300	0.3039	0.0029	0.8536	1709.2	5.8	1710.0	14.0	1705	7	1704.9	6.5	0.3
GOM9_71	162	1.15	4.1350	0.0580	0.2867	0.0044	0.7617	1660.0	12.0	1624.0	22.0	1712	13	1712.0	13.0	5.1
GOM9_44	214.6	0.62	4.0760	0.0360	0.2801	0.0028	0.5515	1649.4	7.3	1595.0	13.0	1716	8	1716.2	8.3	7.1
GOM9_37	535	1.95	4.2190	0.0320	0.2921	0.0022	0.7029	1678.1	6.0	1652.0	11.0	1718	6	1717.7	6.2	3.8
GOM9_54	39.7	0.68	4.1770	0.0410	0.2865	0.0025	0.2888	1670.0	7.8	1624.0	13.0	1723	15	1723.0	15.0	5.7
GOM9_95	682	11.60	4.2630	0.0700	0.2952	0.0096	0.9737	1686.0	13.0	1667.0	47.0	1725	16	1725.0	16.0	3.4
GOM9_15	78.2	1.12	4.2510	0.0490	0.2920	0.0029	0.4736	1683.1	9.4	1651.0	14.0	1729	12	1729.0	12.0	4.5
GOM9_77	86.2	1.41	4.3030	0.0440	0.2933	0.0035	0.6064	1695.0	8.1	1658.0	17.0	1730	11	1730.0	11.0	4.2
GOM9_101	97.6	2.25	4.2200	0.0520	0.2888	0.0037	0.5458	1677.0	10.0	1635.0	19.0	1732	12	1732.0	12.0	5.6
GOM9_87	223	2.66	4.3810	0.0450	0.3005	0.0032	0.6535	1708.4	8.5	1694.0	16.0	1734	8	1733.6	7.5	2.3
GOM9_83	348	1.59	4.4190	0.0310	0.3011	0.0024	0.8289	1717.1	5.8	1696.0	12.0	1734	4	1733.8	4.4	2.2
GOM9_123	306	4.42	4.2700	0.1300	0.2910	0.0130	0.7772	1686.0	24.0	1646.0	63.0	1734	23	1734.0	23.0	5.1
GOM9_35	217	0.84	3.5720	0.0730	0.2421	0.0050	0.9176	1542.0	16.0	1397.0	26.0	1735	11	1735.0	11.0	19.5
GOM9_70	270	2.73	4.3280	0.0260	0.2952	0.0014	0.5890	1698.4	4.9	1667.6	6.9	1737	6	1737.3	5.9	4.0
GOM9_10	229	2.39	4.6810	0.0590	0.3182	0.0035	0.7903	1763.0	11.0	1781.0	17.0	1742	10	1741.5	9.7	2.3
GOM9_115	225	1.03	4.3770	0.0430	0.2967	0.0034	0.6573	1707.5	8.1	1675.0	17.0	1759	9	1758.9	8.9	4.8
GOM9_125	102	1.93	4.2970	0.0810	0.2877	0.0037	0.3802	1692.0	15.0	1630.0	19.0	1763	29	1763.0	29.0	7.5
GOM9_30	217.3	1.58	4.6690	0.0530	0.3142	0.0035	0.9089	1761.1	9.5	1761.0	17.0	1764	5	1763.5	4.5	0.1
GOM9_108	146	2.11	4.4950	0.0370	0.3034	0.0036	0.5251	1729.7	6.8	1708.0	18.0	1767	10	1767.0	10.0	3.3
GOM9_96	279	2.08	4.3000	0.1700	0.2990	0.0140	0.7005	1690.0	33.0	1687.0	68.0	1768	26	1768.0	26.0	4.6
GOM9_111	66.3	1.66	4.1930	0.0600	0.2742	0.0040	0.6062	1672.0	12.0	1562.0	20.0	1834	11	1834.0	11.0	14.8
GOM9_121	329	3.37	4.6350	0.0450	0.2972	0.0034	0.8338	1755.4	8.0	1677.0	17.0	1854	8	1853.6	7.5	9.5
GOM9_79	191.4	2.45	5.0690	0.0360	0.3054	0.0023	0.6470	1831.5	6.1	1718.0	11.0	1957	6	1957.2	6.0	12.2
GOM9_117	118	1.98	5.9260	0.0640	0.3404	0.0041	0.7646	1966.7	8.8	1888.0	20.0	2050	7	2049.9	6.9	7.9
GOM9_91	43.78	1.28	6.5170	0.0930	0.3616	0.0048	0.6927	2047.0	13.0	1989.0	23.0	2112	11	2112.0	11.0	5.8
GOM9_55	119.4	2.21	9.1220	0.0950	0.4069	0.0034	0.6704	2349.7	9.5	2200.0	16.0	2484	11	2484.0	11.0	11.4
GOM9_80	127.3	1.21	11.3200	0.2700	0.4560	0.0130	0.7377	2549.0	22.0	2421.0	55.0	2645	16	2645.0	16.0	8.5

Sample:GOM10	Isotopic Ratios							Isotopic ages (Ma)								
Analysis	[U] ppm	U/Th	207/235	2σ err.	206/238	2σ err.	RHO	207/235	2σ err.	206/238	2σ err.	207/206	2σ err.	Best age	2σ err.	% Dis.
GOM10_48	494	0.96	0.0276	0.0010	0.0042	0.0001	-0.0105	27.6	0.9	27.0	0.4	215	47	27.0	0.4	2.0
GOM10_21	140.5	0.96	0.0386	0.0022	0.0057	0.0002	0.0326	38.4	2.1	36.4	1.2	288	61	36.4	1.2	5.2
GOM10_118	2590	1.59	0.0373	0.0005	0.0059	0.0001	0.3699	37.2	0.5	37.9	0.4	49	13	37.9	0.4	1.8
GOM10_18	598	1.29	0.0396	0.0010	0.0060	0.0001	0.0264	39.4	1.0	38.9	0.6	187	35	38.9	0.6	1.3
GOM10_8	245	0.87	0.0402	0.0012	0.0062	0.0001	0.0123	40.0	1.2	40.1	0.6	176	31	40.1	0.6	0.3
GOM10_28	178	2.32	0.0416	0.0017	0.0063	0.0001	-0.0479	41.3	1.6	40.5	0.6	206	43	40.5	0.6	1.9
GOM10_45	182	1.12	0.0469	0.0024	0.0065	0.0002	-0.0300	46.5	2.3	41.9	0.9	273	60	41.9	0.9	9.8
GOM10_62	497	0.82	0.0442	0.0014	0.0066	0.0001	0.0891	43.9	1.4	42.2	0.8	163	31	42.2	0.8	3.9
GOM10_86	164	1.14	0.0467	0.0020	0.0070	0.0001	-0.0344	46.3	2.0	45.0	0.8	279	48	45.0	0.8	2.8
GOM10_119	545	1.09	0.0476	0.0011	0.0072	0.0001	0.1845	47.2	1.0	46.4	0.7	140	30	46.4	0.7	1.7
GOM10_19	353	1.81	0.0645	0.0042	0.0096	0.0003	0.2654	63.4	4.0	61.4	1.6	220	100	61.4	1.6	3.2
GOM10_116	91	0.96	0.0720	0.0038	0.0111	0.0003	0.0584	70.5	3.6	71.4	1.7	254	49	71.4	1.7	1.3
GOM10_37	94.1	0.73	0.0803	0.0055	0.0113	0.0005	0.0576	78.3	5.1	72.2	2.9	296	82	72.2	2.9	7.8
GOM10_99	103.5	0.56	0.0757	0.0032	0.0115	0.0002	0.2061	74.0	3.1	73.5	1.5	243	49	73.5	1.5	0.7
GOM10_84	338.5	1.78	0.0791	0.0022	0.0122	0.0002	-0.0191	77.3	2.0	78.3	1.2	88	25	78.3	1.2	1.3
GOM10_34	284	0.90	0.0790	0.0022	0.0124	0.0002	0.2837	77.2	2.1	79.6	1.4	87	27	79.6	1.4	3.1
GOM10_107	214.5	1.10	0.0828	0.0023	0.0125	0.0002	0.3383	80.7	2.2	80.2	1.4	130	30	80.2	1.4	0.6
GOM10_117	312	1.45	0.0842	0.0045	0.0128	0.0006	0.9039	83.0	4.6	81.8	4.1	157	34	81.8	4.1	1.4
GOM10_60	1460	4.79	0.0961	0.0012	0.0144	0.0002	0.1872	93.2	1.1	91.8	1.0	146	14	91.8	1.0	1.5
GOM10_113	201	1.30	0.0943	0.0031	0.0144	0.0003	-0.0702	91.4	2.9	92.4	1.8	176	39	92.4	1.8	1.1
GOM10_111	489	0.89	0.0996	0.0023	0.0150	0.0003	-0.0819	96.4	2.1	95.9	1.6	145	29	95.9	1.6	0.5
GOM10_78	103	2.14	0.1621	0.0056	0.0246	0.0005	0.1728	152.4	4.9	156.9	2.9	160	35	156.9	2.9	3.0
GOM10_105	539	0.81	0.1757	0.0022	0.0258	0.0002	0.2931	164.3	1.9	164.1	1.4	176	18	164.1	1.4	0.1
GOM10_3	204.7	0.79	0.1762	0.0044	0.0259	0.0004	0.2539	165.5	3.6	164.5	2.6	173	27	164.5	2.6	0.6
GOM10_13	85.9	0.46	0.1779	0.0082	0.0261	0.0004	0.3129	166.1	7.0	166.2	2.4	173	60	166.2	2.4	0.1

GOM10_89	63.8	0.25	0.1794	0.0087	0.0262	0.0008	0.1397	167.3	7.5	166.4	4.9	215	51	166.4	4.9	0.5
GOM10_88	217.1	1.44	0.1825	0.0061	0.0262	0.0003	0.2084	170.1	5.3	166.7	1.9	222	39	166.7	1.9	2.0
GOM10_91	159.5	0.41	0.1842	0.0045	0.0267	0.0004	0.2349	171.6	3.9	169.8	2.4	226	26	169.8	2.4	1.0
GOM10_30	137.4	0.53	0.2080	0.0120	0.0296	0.0012	0.2798	192.0	10.0	188.3	7.2	250	79	188.3	7.2	1.9
GOM10_61	266	1.60	0.2229	0.0032	0.0321	0.0003	0.3640	204.2	2.7	203.5	1.9	195	21	203.5	1.9	0.3
GOM10_58	452	1.86	0.5800	0.0240	0.0727	0.0010	0.5767	464.0	15.0	452.2	6.2	526	87	452.2	6.2	2.5
GOM10_73	332	0.18	0.6115	0.0062	0.0759	0.0007	0.3637	484.4	3.9	471.5	4.3	546	13	471.5	4.3	2.7
GOM10_1	284.8	1.91	1.6692	0.0095	0.1655	0.0008	0.4801	996.8	3.6	987.0	4.2	1020	6	987.0	4.2	1.0
GOM10_6	517	3.35	1.7180	0.0140	0.1695	0.0014	0.8104	1014.9	5.2	1009.3	7.6	1029	6	1028.7	6.2	1.9
GOM10_4	121.6	1.19	1.8880	0.0160	0.1823	0.0012	0.3877	1076.7	5.6	1079.2	6.7	1081	10	1081.0	10.0	0.2
GOM10_59	61.6	0.80	1.9260	0.0200	0.1823	0.0014	0.2463	1089.5	7.1	1079.6	7.8	1088	15	1088.0	15.0	0.8
GOM10_22	28.2	2.08	2.0250	0.0360	0.1891	0.0019	0.4296	1126.0	12.0	1116.0	10.0	1144	18	1144.0	18.0	2.4
GOM10_81	289	2.65	2.1660	0.0150	0.1969	0.0012	0.6485	1170.1	4.8	1158.6	6.7	1175	8	1175.3	7.9	1.4
GOM10_75	164	1.21	2.1080	0.0180	0.1911	0.0013	0.5204	1151.2	6.0	1127.3	6.9	1190	8	1189.9	8.4	5.3
GOM9_1_121	73.4	0.64	2.3190	0.0270	0.2085	0.0019	0.5479	1217.5	8.2	1220.5	9.9	1224	11	1224.0	11.0	0.3
GOM10_93	43.1	0.80	2.2250	0.0440	0.1973	0.0036	0.0961	1188.0	14.0	1160.0	19.0	1275	27	1275.0	27.0	9.0
GOM10_96	26.1	0.35	2.4830	0.0340	0.2122	0.0023	0.4022	1266.0	10.0	1240.0	12.0	1332	13	1332.0	13.0	6.9
GOM10_76	253.8	0.93	2.8770	0.0170	0.2331	0.0020	0.5551	1375.7	4.4	1351.0	10.0	1400	8	1399.7	7.8	3.5
GOM10_7	112.1	0.94	2.9100	0.0170	0.2372	0.0016	0.3133	1385.7	4.5	1371.9	8.3	1406	9	1405.6	8.9	2.4
GOM10_82	134.5	1.88	2.9490	0.0200	0.2388	0.0017	0.4456	1394.4	5.2	1380.5	8.6	1413	8	1412.5	8.0	2.3
GOM10_14	100.8	1.79	2.9840	0.0220	0.2417	0.0015	0.3317	1403.3	5.7	1395.2	7.7	1416	8	1416.3	8.2	1.5
GOM10_20	97.3	1.97	3.1200	0.0270	0.2519	0.0026	0.5241	1437.4	6.8	1448.0	13.0	1419	12	1419.0	12.0	2.0
GOM10_41	48	0.86	3.0500	0.0470	0.2456	0.0035	0.5584	1419.0	12.0	1417.0	18.0	1425	15	1425.0	15.0	0.6
GOM9_1_123	253	1.36	2.9310	0.0180	0.2367	0.0017	0.5598	1389.6	4.6	1369.3	9.0	1428	9	1427.8	8.8	4.1
GOM10_74	610	2.14	3.0030	0.0910	0.2403	0.0079	0.9698	1407.0	23.0	1387.0	41.0	1428	11	1428.0	11.0	2.9
GOM10_50	250	1.78	2.9950	0.0190	0.2393	0.0015	0.5908	1406.9	4.9	1383.2	7.8	1433	5	1433.2	5.4	3.5
GOM10_35	128.5	1.69	3.0930	0.0210	0.2461	0.0016	0.5058	1430.7	5.2	1418.3	8.1	1441	7	1440.8	7.4	1.6
GOM10_2	89	0.98	3.0120	0.0210	0.2411	0.0020	0.6448	1411.1	5.5	1392.0	11.0	1443	8	1442.6	8.0	3.5
GOM10_92	122	1.27	2.9330	0.0250	0.2347	0.0021	0.6505	1390.9	6.5	1359.0	11.0	1444	9	1444.1	8.5	5.9
GOM9_1_126	35.4	0.68	2.9730	0.0350	0.2390	0.0028	0.4404	1400.1	8.8	1381.0	15.0	1450	13	1450.0	13.0	4.8
GOM10_109	348	1.65	3.0060	0.0230	0.2392	0.0020	0.6870	1409.9	6.0	1382.0	10.0	1450	8	1450.3	7.6	4.7
GOM10_94	185	1.10	3.0880	0.0250	0.2451	0.0018	0.5128	1429.4	6.2	1413.0	9.4	1451	7	1450.6	7.2	2.6
GOM10_25	139	1.44	3.1850	0.0250	0.2517	0.0018	0.5664	1453.2	6.0	1447.1	9.2	1458	6	1457.7	6.3	0.7
GOM10_9	323	1.83	3.1320	0.0460	0.2481	0.0042	0.9256	1440.0	12.0	1428.0	22.0	1460	7	1460.0	7.1	2.2
GOM10_53	396.5	1.68	3.1580	0.0130	0.2464	0.0014	0.5168	1446.8	3.2	1419.8	7.5	1474	6	1474.3	6.2	3.7
GOM10_51	33.2	0.42	2.9990	0.0310	0.2341	0.0026	0.3828	1406.8	7.8	1358.0	14.0	1477	13	1477.0	13.0	8.1
GOM9_1_124	56.1	0.55	3.3820	0.0330	0.2612	0.0020	0.4243	1500.7	7.8	1496.0	10.0	1513	10	1513.0	10.0	1.1
GOM10_67	127	1.10	3.8690	0.0270	0.2778	0.0023	0.5374	1608.5	5.8	1580.0	11.0	1634	7	1633.8	7.1	3.3
GOM10_102	110	1.29	4.1140	0.0360	0.2951	0.0021	0.6896	1656.6	7.1	1667.0	11.0	1646	7	1646.0	7.4	1.3
GOM10_26	143	1.22	3.9450	0.0240	0.2826	0.0017	0.6538	1622.6	5.0	1604.1	8.5	1649	5	1649.0	5.1	2.7
GOM10_56	187	9.00	4.2890	0.0950	0.3017	0.0048	0.9652	1688.0	19.0	1699.0	24.0	1665	16	1665.0	16.0	2.0
GOM10_98	31.1	0.66	4.0400	0.0440	0.2870	0.0027	0.3128	1641.6	8.9	1626.0	14.0	1667	11	1667.0	11.0	2.5
GOM10_44	91.3	1.06	4.1500	0.0490	0.2929	0.0038	0.6374	1663.8	9.6	1656.0	19.0	1673	11	1673.0	11.0	1.0
GOM10_97	134.4	1.15	3.9390	0.0520	0.2765	0.0039	0.6867	1621.0	11.0	1574.0	20.0	1675	13	1675.0	13.0	6.0
GOM10_120	151	1.63	4.2080	0.0300	0.2970	0.0026	0.6665	1675.3	5.9	1676.0	13.0	1676	6	1676.3	6.2	0.0
GOM10_40	155	1.55	4.0970	0.0260	0.2886	0.0017	0.6731	1653.4	5.2	1634.4	8.7	1677	5	1676.7	4.6	2.5
GOM10_11	141	2.24	4.0090	0.0270	0.2801	0.0019	0.6975	1636.5	5.5	1591.7	9.6	1686	6	1686.2	6.0	5.6
GOM10_87	110.3	1.36	4.4060	0.0340	0.3054	0.0028	0.5715	1713.2	6.4	1718.0	14.0	1690	10	1689.5	9.9	1.7
GOM10_15	332	1.56	4.0070	0.0270	0.2803	0.0019	0.7440	1636.8	5.7	1592.9	9.6	1690	6	1689.6	5.7	5.7
GOM10_42	179.8	2.21	4.0700	0.0380	0.2828	0.0023	0.6181	1648.0	7.7	1607.0	11.0	1690	9	1690.0	9.0	4.9
GOM10_70	363.8	2.33	3.9000	0.0540	0.2710	0.0037	0.8120	1613.0	11.0	1546.0	19.0	1691	9	1690.6	9.1	8.6
GOM10_33	162	2.31	4.0690	0.0250	0.2838	0.0016	0.6079	1647.9	5.0	1611.5	8.2	1691	6	1691.3	5.8	4.7
GOM10_95	267	1.73	4.2770	0.0480	0.3003	0.0032	0.9091	1688.2	9.5	1692.0	16.0	1692	6	1692.4	6.3	0.0
GOM10_85	161	9.50	3.8000	0.2600	0.2660	0.0140	0.9880	1592.0	63.0	1537.0	62.0	1694	47	1694.0	47.0	9.3
GOM9_1_127	208.5	1.22	4.0960	0.0820	0.2899	0.0046	0.8871	1652.0	17.0	1641.0	23.0	1700	11	1700.0	11.0	3.5
GOM10_38	94	0.84	4.3690	0.0270	0.3035	0.0016	0.3872	1706.9	5.2	1708.5	8.1	1702	8	1701.8	7.9	0.4
GOM10_115	193.5	4.21	4.0820	0.0260	0.2858	0.0019	0.6935	1651.9	5.4	1620.2	9.6	1703	7	1703.0	6.6	4.9
GOM10_80	192	1.69	4.2400	0.0260	0.2926	0.0017	0.6057	1682.3	4.9	1654.2	8.5	1704	6	1703.8	5.9	2.9
GOM10_55	201	1.28	4.0900	0.0420	0.2834	0.0040	0.8611	1652.0	8.4	1608.0	20.0	1708	8	1708.0	7.9	5.9
GOM10_31	72.7	0.75	4.1670	0.0380	0.2881	0.0025	0.6006	1667.1	7.4	1632.0	12.0	1709	7	1708.7	7.1	4.5

GOM10_46	277.1	1.35	4.0080	0.0660	0.2767	0.0052	0.7858	1635.0	14.0	1575.0	26.0	1710	20	1710.0	20.0	7.9
GOM9_1_122	83.2	1.14	4.3290	0.0310	0.2998	0.0023	0.4947	1698.6	5.9	1690.0	11.0	1715	8	1715.4	7.7	1.5
GOM10_24	184	1.19	4.1740	0.0280	0.2887	0.0020	0.5481	1669.3	5.7	1634.8	9.8	1716	7	1715.5	6.8	4.7
GOM10_101	353	0.96	4.4800	0.0460	0.3082	0.0032	0.9445	1726.5	8.7	1732.0	16.0	1726	6	1725.7	5.7	0.4
GOM10_36	329	0.97	4.0150	0.0590	0.2740	0.0033	0.0291	1637.0	12.0	1561.0	17.0	1731	29	1731.0	29.0	9.8
GOM10_83	284	1.13	4.0370	0.0290	0.2757	0.0029	0.6271	1641.5	5.8	1570.0	14.0	1731	9	1731.2	8.6	9.3
GOM10_100	101	1.00	4.5290	0.0340	0.3091	0.0026	0.4915	1736.8	6.4	1736.0	13.0	1733	9	1732.7	8.5	0.2
GOM9_1_128	990	2.17	4.2670	0.0500	0.2922	0.0038	0.8453	1686.5	9.6	1652.0	19.0	1738	6	1738.3	5.9	5.0
GOM10_114	64.7	4.79	4.6940	0.0380	0.3143	0.0026	0.5499	1765.8	6.8	1761.0	13.0	1781	9	1780.8	8.9	1.1
GOM10_65	590.4	10.83	4.5290	0.0850	0.2971	0.0072	0.8349	1736.0	16.0	1677.0	36.0	1799	10	1799.0	10.0	6.8
GOM10_66	120.4	1.16	4.8880	0.0350	0.3137	0.0020	0.3279	1800.0	6.1	1759.0	9.9	1841	8	1841.2	8.2	4.5
GOM10_57	256.1	2.11	5.1130	0.0360	0.2940	0.0018	0.6870	1838.1	5.9	1661.2	9.0	2033	6	2032.8	5.8	18.3
GOM10_112	225	1.60	6.3140	0.0340	0.3646	0.0024	0.6079	2020.1	4.7	2004.0	11.0	2045	4	2044.9	4.1	2.0
GOM10_103	99.2	0.87	6.9030	0.0380	0.3856	0.0025	0.6436	2098.9	4.8	2102.0	11.0	2094	5	2094.4	4.7	0.4
GOM10_23	1300	11.76	10.6500	0.1200	0.4515	0.0070	0.8359	2495.1	9.5	2401.0	31.0	2569	10	2569.4	9.7	6.6

Sample:GOM11	Isotopic Ratios							Isotopic ages (Ma)								
Analysis	[U] ppm	U/Th	207/235	2σ err.	206/238	2σ err.	RHO	207/235	2σ err.	206/238	2σ err.	207/206	2σ err.	Best age	2σ err.	% Dis.
GOM11_21	91.4	1.08	0.0262	0.0031	0.0038	0.0002	-0.1408	26.2	3.1	24.1	1.1	500	130	24.1	1.1	8.0
GOM11_39	448	0.59	0.0300	0.0011	0.0043	0.0001	-0.2393	30.0	1.1	27.4	0.5	276	39	27.4	0.5	8.6
GOM11_101	68.5	0.62	0.0298	0.0045	0.0043	0.0003	0.0773	29.7	4.4	27.8	1.8	550	160	27.8	1.8	6.4
GOM11_41	229.7	1.29	0.0294	0.0012	0.0044	0.0001	0.0508	29.4	1.2	28.4	0.5	247	56	28.4	0.5	3.6
GOM11_32	189.7	0.83	0.0315	0.0017	0.0044	0.0001	-0.0255	31.5	1.7	28.4	0.7	369	80	28.4	0.7	10.0
GOM11_88	272	0.61	0.0333	0.0023	0.0051	0.0001	0.2724	33.2	2.3	32.6	0.7	214	60	32.6	0.7	2.0
GOM11_2	96.7	0.66	0.0358	0.0021	0.0051	0.0002	0.1213	35.7	2.0	32.6	1.0	371	59	32.6	1.0	8.7
GOM11_116	93.9	0.81	0.0342	0.0018	0.0051	0.0001	-0.0004	34.1	1.7	32.9	0.8	421	95	32.9	0.8	3.6
GOM11_105	294.4	0.88	0.0359	0.0041	0.0052	0.0001	0.1128	35.8	4.0	33.2	0.9	710	260	33.2	0.9	7.3
GOM11_34	34.6	0.38	0.0371	0.0041	0.0052	0.0003	-0.1693	36.9	4.1	33.2	1.7	611	95	33.2	1.7	10.0
GOM11_96	686	0.75	0.0353	0.0019	0.0053	0.0002	0.3494	35.2	1.9	34.0	1.2	216	65	34.0	1.2	3.4
GOM11_15	109.9	0.53	0.0389	0.0025	0.0054	0.0001	-0.0906	38.7	2.5	34.9	0.8	510	110	34.9	0.8	9.9
GOM11_47	72.4	1.04	0.0407	0.0073	0.0056	0.0003	0.1835	40.4	7.1	36.3	2.1	340	140	36.3	2.1	10.1
GOM11_109	162	0.89	0.0392	0.0022	0.0058	0.0002	-0.0101	39.0	2.1	37.5	1.0	268	67	37.5	1.0	3.9
GOM11_14	155	1.14	0.0393	0.0016	0.0061	0.0002	0.1681	39.1	1.6	39.1	0.9	189	38	39.1	0.9	0.0
GOM11_29	249	3.22	0.0454	0.0046	0.0063	0.0002	0.4297	44.9	4.2	40.5	1.1	520	150	40.5	1.1	9.8
GOM11_123	116	0.68	0.0427	0.0032	0.0065	0.0002	0.0461	42.4	3.1	42.0	1.1	290	96	42.0	1.1	0.9
GOM11_16	71.2	1.68	0.0446	0.0028	0.0067	0.0002	-0.0236	44.2	2.7	43.0	1.3	430	100	43.0	1.3	2.7
GOM11_127	400	3.84	0.0450	0.0014	0.0067	0.0001	0.1229	44.6	1.4	43.1	0.7	177	41	43.1	0.7	3.5
GOM11_75	566	3.05	0.0489	0.0015	0.0073	0.0001	-0.0306	48.4	1.5	47.1	0.6	193	43	47.1	0.6	2.7
GOM11_72	98.4	1.09	0.0538	0.0034	0.0077	0.0002	0.0327	53.1	3.3	49.3	1.1	402	68	49.3	1.1	7.2
GOM11_84	154	0.83	0.0513	0.0032	0.0079	0.0002	0.1337	50.8	3.1	50.9	1.4	276	66	50.9	1.4	0.2
GOM11_121	300	1.93	0.0548	0.0012	0.0084	0.0001	0.0689	54.1	1.2	53.7	0.8	154	38	53.7	0.8	0.7
GOM11_36	160.1	1.40	0.0579	0.0033	0.0092	0.0002	0.1619	57.1	3.2	58.9	1.1	123	35	58.9	1.1	3.2
GOM11_63	557	0.69	0.0614	0.0014	0.0093	0.0001	0.4120	60.5	1.4	59.7	0.8	130	24	59.7	0.8	1.3
GOM11_120	88.1	1.00	0.0644	0.0033	0.0096	0.0003	0.3061	63.3	3.1	61.8	1.7	239	54	61.8	1.7	2.4
GOM11_23	49.6	0.71	0.0743	0.0070	0.0106	0.0003	-0.0104	72.6	6.6	67.9	1.8	342	92	67.9	1.8	6.5
GOM11_98	186	0.48	0.0828	0.0033	0.0125	0.0003	-0.2028	80.8	3.1	79.8	2.1	254	71	79.8	2.1	1.2
GOM11_1	167.9	1.74	0.1024	0.0027	0.0155	0.0003	-0.1671	98.9	2.5	98.8	1.7	172	33	98.8	1.7	0.1
GOM11_67	830	1.42	0.1613	0.0049	0.0241	0.0005	0.6256	152.9	4.7	153.4	3.4	147	27	153.4	3.4	0.3
GOM11_92	51.8	0.31	0.1797	0.0072	0.0259	0.0006	-0.0498	167.5	6.1	164.7	3.5	242	52	164.7	3.5	1.7
GOM11_50	191.1	1.26	0.1786	0.0049	0.0260	0.0004	0.4113	166.8	4.3	165.7	2.8	177	31	165.7	2.8	0.7
GOM11_111	381	0.96	0.1860	0.0067	0.0275	0.0006	-0.1331	173.1	5.7	174.6	3.9	198	71	174.6	3.9	0.9
GOM11_99	50.17	0.51	0.1900	0.0110	0.0276	0.0005	-0.0407	176.2	9.1	175.7	3.2	244	54	175.7	3.2	0.3
GOM11_80	274	0.83	0.1941	0.0038	0.0282	0.0003	0.3059	180.0	3.2	179.5	2.0	191	26	179.5	2.0	0.3
GOM11_71	106.7	1.16	0.2136	0.0069	0.0307	0.0006	0.0807	197.6	6.0	195.0	3.4	253	50	195.0	3.4	1.3
GOM11_53	123.2	0.99	0.2411	0.0063	0.0342	0.0003	0.2775	219.2	5.1	216.8	2.1	268	28	216.8	2.1	1.1
GOM11_69	155.3	0.99	0.2512	0.0058	0.0344	0.0006	0.4174	227.4	4.7	218.2	3.4	348	23	218.2	3.4	4.0
GOM11_106	437	3.74	0.2647	0.0035	0.0373	0.0003	0.0628	238.4	2.8	236.1	2.0	265	18	236.1	2.0	1.0
GOM11_91	156.5	1.72	0.2704	0.0051	0.0386	0.0004	0.1504	242.9	4.0	244.0	2.4	241	28	244.0	2.4	0.5
GOM11_95	88.1	2.09	0.5474	0.0081	0.0706	0.0008	0.1310	443.0	5.3	439.5	4.9	459	22	439.5	4.9	0.8

GOM11_33	126	1.33	0.6050	0.0110	0.0759	0.0012	0.2969	480.5	6.9	471.8	6.9	504	23	471.8	6.9	1.8
GOM11_56	212.4	0.89	0.6454	0.0056	0.0818	0.0008	0.2626	505.6	3.5	506.6	4.6	492	16	506.6	4.6	0.2
GOM11_52	104	46.00	1.6520	0.0180	0.1628	0.0016	0.6032	989.7	6.9	972.4	8.9	1037	14	972.4	8.9	1.7
GOM11_104	29.04	0.66	1.6060	0.0270	0.1634	0.0017	0.1599	972.0	11.0	975.5	9.4	970	23	975.5	9.4	0.4
GOM11_42	88.2	1.70	1.8180	0.0220	0.1768	0.0014	0.2200	1051.2	8.1	1049.2	7.4	1053	16	1053.0	16.0	0.4
GOM11_48	76.4	0.50	1.7680	0.0200	0.1693	0.0014	0.0823	1033.2	7.5	1008.0	7.5	1070	15	1070.0	15.0	5.8
GOM11_61	104.3	1.04	1.9240	0.0200	0.1839	0.0015	0.4926	1089.0	7.0	1089.1	8.3	1091	10	1091.0	10.0	0.2
GOM11_45	25.76	2.05	1.8520	0.0610	0.1761	0.0031	0.5850	1063.0	22.0	1045.0	17.0	1107	26	1107.0	26.0	5.6
GOM11_110	233	1.81	2.1850	0.0140	0.2010	0.0012	0.2891	1177.0	4.6	1180.9	6.4	1165	7	1164.5	7.1	1.4
GOM11_126	47.7	1.06	2.0930	0.0300	0.1910	0.0019	0.0791	1145.7	9.6	1127.0	10.0	1170	15	1170.0	15.0	3.7
GOM11_20	19.22	0.82	2.2910	0.0490	0.2052	0.0041	-0.2434	1209.0	15.0	1203.0	22.0	1198	36	1198.0	36.0	0.4
GOM11_78	244	0.93	2.2190	0.0150	0.2016	0.0012	0.6547	1186.9	4.7	1183.9	6.4	1199	7	1199.2	7.4	1.3
GOM11_46	21.18	1.13	2.1240	0.0530	0.1890	0.0032	0.2099	1155.0	17.0	1116.0	17.0	1216	30	1216.0	30.0	8.2
GOM11_103	11.53	0.95	2.3220	0.0530	0.2092	0.0026	0.0596	1217.0	16.0	1225.0	14.0	1243	37	1243.0	37.0	1.4
GOM11_102	214	1.71	2.5250	0.0250	0.2233	0.0018	0.5843	1278.9	7.3	1298.9	9.4	1268	7	1267.5	7.2	2.5
GOM11_118	106	1.51	2.7250	0.0220	0.2296	0.0018	0.3597	1334.9	6.1	1332.1	9.5	1336	11	1336.0	11.0	0.3
GOM11_49	71	0.55	2.7560	0.0300	0.2255	0.0022	0.0071	1343.0	8.1	1312.0	11.0	1379	13	1379.0	13.0	4.9
GOM11_22	104	0.86	2.9410	0.0230	0.2381	0.0017	0.6722	1392.2	6.0	1376.8	8.7	1405	7	1404.7	7.4	2.0
GOM11_55	46.8	0.56	2.9380	0.0360	0.2376	0.0023	0.3936	1390.9	9.3	1374.0	12.0	1408	13	1408.0	13.0	2.4
GOM11_30	109.6	1.83	2.8020	0.0320	0.2283	0.0018	0.0432	1355.5	8.4	1325.7	9.3	1417	18	1417.0	18.0	6.4
GOM11_122	101.5	0.69	2.9180	0.0200	0.2361	0.0018	0.5654	1386.4	5.0	1367.6	9.6	1417	9	1417.2	8.7	3.5
GOM11_107	122	0.78	2.9170	0.0220	0.2367	0.0015	0.4465	1385.9	5.7	1369.4	7.8	1418	8	1418.4	8.4	3.5
GOM11_17	79.7	0.99	3.1070	0.0280	0.2512	0.0019	0.6612	1434.1	6.9	1444.7	9.7	1420	9	1420.2	9.0	1.7
GOM11_38	57.2	0.90	3.1310	0.0290	0.2512	0.0026	0.2718	1440.0	7.0	1445.0	13.0	1421	13	1421.0	13.0	1.7
GOM11_124	294	2.22	3.1030	0.0300	0.2494	0.0026	0.7533	1432.9	7.5	1435.0	13.0	1423	7	1423.1	7.1	0.8
GOM11_62	166.3	1.81	2.9020	0.0230	0.2332	0.0020	0.5727	1382.1	5.9	1351.0	10.0	1427	6	1426.9	6.4	5.3
GOM11_112	50.7	1.75	3.1380	0.0360	0.2526	0.0025	0.3696	1441.4	8.9	1452.0	13.0	1428	14	1428.0	14.0	1.7
GOM11_125	70.1	1.04	3.2230	0.0270	0.2561	0.0018	0.3903	1462.3	6.5	1469.9	9.5	1433	11	1433.0	11.0	2.6
GOM11_24	125	1.34	3.1060	0.0220	0.2478	0.0015	0.5504	1433.8	5.3	1428.1	7.7	1435	7	1435.0	6.7	0.5
GOM11_65	68.4	1.10	3.1050	0.0290	0.2480	0.0019	0.5158	1433.6	7.1	1428.0	10.0	1439	8	1438.6	7.7	0.7
GOM11_60	103.6	1.31	2.9960	0.0230	0.2399	0.0020	0.3872	1406.3	5.9	1386.0	10.0	1439	12	1439.0	12.0	3.7
GOM11_6	147.6	0.84	2.9990	0.0250	0.2407	0.0019	0.5883	1407.0	6.3	1390.0	10.0	1440	10	1440.0	10.0	3.5
GOM11_97	12.74	0.13	3.1300	0.0790	0.2475	0.0033	0.0263	1438.0	20.0	1426.0	17.0	1447	27	1447.0	27.0	1.5
GOM11_51	114.1	0.79	3.0710	0.0200	0.2456	0.0014	0.4587	1425.2	5.0	1416.7	7.2	1451	7	1450.6	6.9	2.3
GOM11_94	137.6	1.38	3.1750	0.0270	0.2488	0.0030	0.5773	1452.4	6.6	1434.0	15.0	1483	14	1483.0	14.0	3.3
GOM11_85	9.72	0.51	3.4440	0.0910	0.2662	0.0049	0.0640	1512.0	20.0	1521.0	25.0	1487	29	1487.0	29.0	2.3
GOM11_90	167.3	1.29	3.3000	0.0290	0.2555	0.0019	0.8112	1480.7	6.8	1467.0	10.0	1498	6	1498.1	6.3	2.1
GOM11_79	21.4	0.58	3.5690	0.0920	0.2732	0.0045	0.4734	1541.0	20.0	1557.0	23.0	1516	34	1516.0	34.0	2.7
GOM11_108	133	0.95	3.3450	0.0380	0.2568	0.0020	0.4243	1490.8	8.9	1473.0	10.0	1525	17	1525.0	17.0	3.4
GOM11_54	68.1	1.63	4.1140	0.0450	0.2919	0.0026	0.8394	1654.6	9.5	1651.0	13.0	1660	9	1659.5	9.3	0.5
GOM11_57	83.1	1.32	4.0160	0.0350	0.2835	0.0027	0.6892	1637.0	7.0	1609.0	14.0	1675	7	1675.1	7.4	3.9
GOM11_9	16.13	0.88	3.8930	0.0820	0.2748	0.0044	0.4399	1614.0	16.0	1565.0	22.0	1678	16	1678.0	16.0	6.7
GOM11_117	219.2	2.87	3.7190	0.0290	0.2666	0.0021	0.7146	1575.2	6.3	1523.0	11.0	1686	6	1685.8	6.2	9.7
GOM11_76	174	0.92	4.2310	0.0310	0.2978	0.0017	0.3054	1679.8	5.9	1680.1	8.6	1690	8	1690.3	8.0	0.6
GOM11_18	72	0.77	4.1070	0.0340	0.2875	0.0024	0.4233	1655.2	6.8	1629.0	12.0	1693	7	1693.1	7.2	3.8
GOM11_10	155.2	1.59	4.3220	0.0240	0.2980	0.0015	0.5786	1697.4	4.6	1681.1	7.7	1717	6	1717.1	6.2	2.1
GOM11_74	131.3	0.81	4.4750	0.0250	0.3103	0.0016	0.2187	1726.1	4.6	1742.0	7.8	1718	7	1718.3	6.7	1.4
GOM11_40	274	2.14	4.3280	0.0280	0.2979	0.0023	0.6781	1698.5	5.2	1681.0	11.0	1720	5	1720.4	4.8	2.3
GOM11_27	132.1	0.89	4.2210	0.0230	0.2892	0.0022	0.4372	1678.0	4.6	1639.0	11.0	1721	8	1721.3	7.8	4.8
GOM11_12	513	2.26	4.1970	0.0390	0.2892	0.0027	0.7834	1674.8	7.7	1637.0	14.0	1725	7	1724.6	7.4	5.1
GOM11_28	184	1.31	4.4150	0.0380	0.3008	0.0029	0.7554	1714.9	7.1	1695.0	14.0	1728	5	1728.0	5.4	1.9
GOM11_68	84.7	0.77	4.2400	0.1100	0.2951	0.0058	0.7377	1684.0	23.0	1666.0	29.0	1729	25	1729.0	25.0	3.6
GOM11_66	150.6	0.60	4.4940	0.0450	0.3073	0.0024	0.5249	1729.3	8.2	1727.0	12.0	1741	13	1741.0	13.0	0.8
GOM11_119	152	2.49	4.8490	0.0260	0.3264	0.0023	0.5518	1793.3	4.6	1822.0	11.0	1749	6	1748.6	6.4	4.2
GOM11_3	202	1.61	4.4510	0.0330	0.3039	0.0022	0.8182	1721.6	6.2	1712.0	11.0	1753	7	1753.4	7.3	2.4
GOM11_35	207.6	2.56	4.7710	0.0270	0.3160	0.0020	0.6298	1779.6	4.8	1770.0	10.0	1802	6	1801.5	6.0	1.7
GOM11_73	61.7	0.49	11.7400	0.3800	0.4630	0.0140	0.9338	2581.0	31.0	2452.0	62.0	2674	13	2674.0	13.0	8.3
GOM11_8	75.1	1.38	13.3540	0.0890	0.5191	0.0034	0.6656	2705.4	6.4	2695.0	15.0	2712	5	2711.5	5.2	0.6
GOM11_113	40.6	0.58	14.0300	0.1200	0.5329	0.0043	0.6931	2751.0	8.3	2753.0	18.0	2738	7	2737.9	7.1	0.6
GOM11_7	251.1	1.88	16.0500	0.1100	0.5469	0.0040	0.8730	2879.7	6.6	2812.0	17.0	2923	3	2923.4	3.2	3.8

Sample:GOM12	Isotopic Ratios							Isotopic ages (Ma)								
Analysis	[U] ppm	U/Th	207/235	2σ err.	206/238	2σ err.	RHO	207/235	2σ err.	206/238	2σ err.	207/206	2σ err.	Best age	2σ err.	% Dis.
GOM12_98	352.1	1.53	0.0321	0.0013	0.0048	0.0001	0.0575	32.0	1.3	30.7	0.7	224	50	30.7	0.7	3.9
GOM12_14	217	0.59	0.0336	0.0017	0.0052	0.0001	0.0274	33.6	1.7	33.5	0.7	163	46	33.5	0.7	0.3
GOM12_67	117.3	0.57	0.0372	0.0024	0.0053	0.0002	0.2374	37.0	2.4	34.1	1.4	266	57	34.1	1.4	7.8
GOM12_10	189.1	0.78	0.0352	0.0011	0.0054	0.0001	0.2983	35.1	1.1	35.0	0.6	180	30	35.0	0.6	0.2
GOM12_41	103.4	0.48	0.0391	0.0029	0.0056	0.0001	-0.0205	38.9	2.8	36.2	0.8	500	120	36.2	0.8	7.0
GOM12_107	135	0.55	0.0364	0.0017	0.0057	0.0001	0.1828	36.3	1.6	36.6	0.8	216	48	36.6	0.8	0.8
GOM12_60	172	0.75	0.0384	0.0016	0.0061	0.0001	-0.0720	38.3	1.5	39.0	0.8	285	58	39.0	0.8	1.8
GOM12_16	254.4	1.10	0.0392	0.0020	0.0061	0.0002	0.1893	39.0	2.0	39.3	1.2	191	43	39.3	1.2	0.8
GOM12_80	374	0.50	0.0411	0.0010	0.0063	0.0001	0.1426	40.8	0.9	40.7	0.6	158	39	40.7	0.6	0.5
GOM12_119	38.6	1.06	0.0419	0.0041	0.0066	0.0003	-0.1857	41.5	4.0	42.3	1.6	680	130	42.3	1.6	1.9
GOM12_120	90.7	1.31	0.0500	0.0027	0.0072	0.0002	0.2542	49.4	2.6	46.0	1.2	302	43	46.0	1.2	6.9
GOM12_76	401.7	1.07	0.0461	0.0014	0.0072	0.0001	-0.3277	45.8	1.4	46.1	0.7	129	32	46.1	0.7	0.7
GOM12_32	64.5	0.88	0.0481	0.0041	0.0072	0.0003	-0.1840	47.6	4.0	46.5	2.0	405	77	46.5	2.0	2.3
GOM12_92	939	1.13	0.0696	0.0013	0.0106	0.0001	0.0799	68.3	1.2	68.1	0.7	103	22	68.1	0.7	0.3
GOM12_82	126.6	1.43	0.0741	0.0028	0.0116	0.0002	-0.0452	72.5	2.6	74.5	1.5	202	66	74.5	1.5	2.8
GOM12_84	66.5	0.95	0.0762	0.0040	0.0118	0.0003	0.1389	74.5	3.8	75.6	2.0	204	68	75.6	2.0	1.5
GOM12_94	399	1.48	0.0806	0.0024	0.0119	0.0004	0.0968	78.7	2.3	76.3	2.3	146	55	76.3	2.3	3.0
GOM12_89	170.2	2.64	0.0797	0.0037	0.0121	0.0002	0.1681	77.8	3.5	77.6	1.4	168	40	77.6	1.4	0.3
GOM12_111	357	0.76	0.0813	0.0014	0.0121	0.0001	0.0663	79.3	1.3	77.8	0.9	172	24	77.8	0.9	1.9
GOM12_34	202	0.72	0.0806	0.0040	0.0122	0.0004	0.6534	78.7	3.7	77.9	2.4	199	32	77.9	2.4	1.0
GOM12_46	296	1.10	0.0961	0.0024	0.0144	0.0003	0.7036	93.1	2.3	92.1	1.6	157	26	92.1	1.6	1.1
GOM12_102	736	1.09	0.1017	0.0017	0.0151	0.0002	0.1816	98.3	1.6	96.7	1.0	156	25	96.7	1.0	1.6
GOM12_79	1010.7	0.71	0.1027	0.0015	0.0152	0.0001	0.0008	99.2	1.4	97.3	0.8	147	25	97.3	0.8	1.9
GOM12_5	300.2	1.05	0.1034	0.0026	0.0152	0.0002	0.2850	99.9	2.3	97.4	1.4	166	35	97.4	1.4	2.5
GOM12_47	418	1.54	0.1163	0.0017	0.0171	0.0002	0.3499	111.7	1.5	109.1	1.1	181	18	109.1	1.1	2.3
GOM12_12	57.9	1.42	0.1262	0.0045	0.0182	0.0003	0.1883	120.6	4.1	116.0	1.9	270	50	116.0	1.9	3.8
GOM12_69	16.4	2.09	0.1470	0.0110	0.0207	0.0008	-0.0414	138.0	10.0	132.0	4.8	516	83	132.0	4.8	4.3
GOM12_17	266	0.94	0.1468	0.0028	0.0220	0.0002	0.0737	139.0	2.4	140.3	1.4	149	23	140.3	1.4	0.9
GOM12_115	65.4	0.41	0.1518	0.0071	0.0227	0.0007	-0.0704	143.4	6.2	144.8	4.2	246	70	144.8	4.2	1.0
GOM12_61	126.6	0.50	0.1572	0.0061	0.0234	0.0005	0.0822	148.2	5.3	149.2	2.9	143	35	149.2	2.9	0.7
GOM12_113	69.3	0.37	0.1621	0.0070	0.0242	0.0006	0.0152	152.4	6.2	154.4	3.6	222	48	154.4	3.6	1.3
GOM12_38	860	1.07	0.1745	0.0029	0.0256	0.0003	0.5956	163.3	2.5	162.9	1.9	178	19	162.9	1.9	0.2
GOM12_88	397	0.74	0.1799	0.0039	0.0259	0.0004	0.4840	167.9	3.4	164.8	2.5	199	28	164.8	2.5	1.8
GOM12_40	90.9	0.77	0.1748	0.0056	0.0259	0.0003	0.2206	163.4	4.8	165.5	2.1	169	36	165.5	2.1	1.3
GOM12_117	295.5	0.42	0.1789	0.0026	0.0262	0.0002	0.2568	167.1	2.3	166.7	1.2	173	19	166.7	1.2	0.2
GOM12_23	274	0.57	0.1791	0.0023	0.0263	0.0002	0.3218	167.3	2.0	167.0	1.4	163	16	167.0	1.4	0.2
GOM12_18	154	0.78	0.1877	0.0048	0.0270	0.0005	-0.0424	174.6	4.1	171.9	3.2	203	39	171.9	3.2	1.5
GOM12_72	516	1.10	0.1940	0.0017	0.0286	0.0002	0.2641	180.0	1.5	181.8	1.4	161	12	181.8	1.4	1.0
GOM12_63	410	1.33	0.2018	0.0040	0.0295	0.0005	0.0561	186.7	3.4	187.1	2.9	195	25	187.1	2.9	0.2
GOM12_20	159.3	1.98	0.2010	0.0035	0.0295	0.0002	0.1331	185.9	3.0	187.4	1.5	182	24	187.4	1.5	0.8
GOM12_54	325.1	1.07	0.2068	0.0042	0.0296	0.0003	0.5261	190.9	3.6	188.3	1.6	230	25	188.3	1.6	1.4
GOM12_45	119.1	1.03	0.2068	0.0061	0.0297	0.0005	0.3140	190.7	5.1	188.5	3.1	270	37	188.5	3.1	1.2
GOM12_44	171.5	1.43	0.2073	0.0039	0.0303	0.0003	0.2154	191.2	3.3	192.1	2.2	195	20	192.1	2.2	0.5
GOM12_1	168	1.72	0.2095	0.0075	0.0304	0.0006	-0.1832	193.1	6.3	193.0	3.9	211	65	193.0	3.9	0.1
GOM12_2	448	2.73	0.2920	0.0026	0.0405	0.0003	0.3461	260.4	2.1	256.2	1.9	287	11	256.2	1.9	1.6
GOM12_116	209	1.72	0.4373	0.0047	0.0583	0.0005	0.1343	368.7	3.4	365.3	2.9	376	18	365.3	2.9	0.9
GOM12_108	966	3.40	0.4641	0.0059	0.0609	0.0007	0.7954	387.6	4.0	380.9	4.2	419	10	380.9	4.2	1.7
GOM12_71	201.1	0.73	0.5092	0.0061	0.0666	0.0005	0.2625	417.7	4.1	415.4	3.1	442	15	415.4	3.1	0.6
GOM12_33	320	5.50	0.6300	0.0140	0.0789	0.0011	0.5225	495.1	8.6	489.6	6.4	508	16	489.6	6.4	1.1
GOM12_85	49.2	0.68	0.6410	0.0100	0.0812	0.0010	0.1790	502.6	6.2	503.0	6.1	523	23	503.0	6.1	0.1
GOM12_110	221	0.88	0.8236	0.0067	0.0993	0.0007	0.3631	610.4	3.8	610.4	4.3	612	10	610.4	4.3	0.0
GOM12_31	144.5	1.88	1.5900	0.0140	0.1579	0.0011	0.5607	966.0	5.6	945.0	6.2	1006	8	945.0	6.2	2.2
GOM12_105	269	0.60	1.9230	0.0520	0.1635	0.0060	0.8928	1088.0	18.0	976.0	34.0	1268	24	976.0	34.0	10.3
GOM12_77	148	2.48	1.7170	0.0250	0.1687	0.0017	0.4301	1014.7	9.2	1004.9	9.5	1032	13	1032.0	13.0	2.6
GOM12_43	167.8	1.69	1.8260	0.0140	0.1776	0.0013	0.4564	1054.5	4.8	1054.0	7.2	1067	10	1066.9	9.5	1.2
GOM12_25	157	0.94	1.8880	0.0140	0.1793	0.0012	0.4376	1076.5	4.8	1063.9	6.7	1096	9	1095.9	9.0	2.9

GOM12_103	88	0.63	1.8520	0.0150	0.1758	0.0011	0.3403	1064.1	5.3	1044.2	6.2	1104	12	1104.0	12.0	5.4
GOM12_50	12.92	0.51	1.9440	0.0630	0.1831	0.0043	0.2417	1101.0	23.0	1083.0	23.0	1126	39	1126.0	39.0	3.8
GOM12_112	115.2	1.14	1.8450	0.0380	0.1730	0.0029	0.7494	1064.0	13.0	1028.0	16.0	1126	17	1126.0	17.0	8.7
GOM12_29	37.7	0.74	2.1540	0.0230	0.1956	0.0017	0.3312	1165.8	7.5	1151.6	9.0	1174	14	1174.0	14.0	1.9
GOM12_62	55	1.07	2.2380	0.0570	0.2030	0.0046	0.8566	1192.0	18.0	1191.0	25.0	1186	14	1186.0	14.0	0.4
GOM12_74	109.2	0.78	2.1940	0.0250	0.1936	0.0019	0.6317	1181.7	8.0	1140.0	10.0	1241	9	1241.4	9.2	8.2
GOM12_22	12.87	0.99	2.2750	0.0490	0.2027	0.0024	0.1926	1202.0	15.0	1189.0	13.0	1254	30	1254.0	30.0	5.2
GOM12_65	75	0.82	2.9140	0.0320	0.2387	0.0019	0.7248	1384.8	8.4	1379.6	9.8	1395	10	1395.0	10.0	1.1
GOM12_78	73.2	1.05	2.9030	0.0230	0.2377	0.0018	0.5628	1383.2	5.7	1374.4	9.4	1398	8	1398.0	8.3	1.7
GOM12_37	75.4	1.07	2.7940	0.0360	0.2284	0.0027	0.7747	1353.1	9.7	1326.0	14.0	1403	9	1402.9	8.9	5.5
GOM12_53	860	2.16	2.8690	0.0130	0.2323	0.0011	0.6126	1374.0	3.4	1346.3	5.8	1422	5	1422.3	5.2	5.3
GOM12_36	137.3	1.27	2.9860	0.0170	0.2407	0.0013	0.3099	1404.0	4.4	1390.1	6.8	1424	8	1423.9	7.7	2.4
GOM12_101	104	1.64	3.1210	0.0210	0.2521	0.0016	0.4882	1437.6	5.2	1449.1	8.3	1424	8	1424.1	8.4	1.8
GOM12_114	194	1.70	2.9560	0.0210	0.2385	0.0015	0.7502	1396.1	5.3	1379.0	7.9	1426	6	1425.8	5.5	3.3
GOM12_118	147	1.09	3.1250	0.0230	0.2502	0.0017	0.6421	1438.5	5.7	1439.4	8.8	1430	8	1429.5	8.4	0.7
GOM12_57	58.9	2.23	3.0090	0.0230	0.2405	0.0021	0.2381	1409.8	5.7	1389.0	11.0	1430	12	1430.0	12.0	2.9
GOM12_97	41.2	0.87	3.1470	0.0370	0.2524	0.0028	0.4888	1443.8	9.0	1451.0	14.0	1431	13	1431.0	13.0	1.4
GOM12_73	77.4	0.71	3.0590	0.0220	0.2447	0.0017	0.4185	1422.8	5.5	1411.2	8.9	1432	8	1432.4	7.8	1.5
GOM12_66	72.8	1.03	2.9960	0.0280	0.2416	0.0020	0.5270	1407.0	7.0	1395.0	10.0	1436	11	1436.0	11.0	2.9
GOM12_48	80.3	0.63	2.9930	0.0300	0.2404	0.0016	0.3951	1405.5	7.5	1388.9	8.1	1436	9	1436.2	9.0	3.3
GOM12_83	156.9	1.18	3.0460	0.0180	0.2444	0.0016	0.6441	1419.1	4.4	1409.6	8.5	1441	6	1440.5	5.9	2.1
GOM12_58	158	1.00	3.1590	0.0220	0.2522	0.0015	0.4769	1446.8	5.3	1449.5	7.9	1444	7	1443.9	7.4	0.4
GOM12_21	88.1	0.96	3.1130	0.0230	0.2465	0.0023	0.4595	1435.7	5.8	1420.0	12.0	1454	11	1454.0	11.0	2.3
GOM12_30	173.5	1.75	3.1010	0.0260	0.2458	0.0019	0.5573	1432.4	6.5	1416.9	9.9	1462	8	1461.6	8.0	3.1
GOM12_7	535	3.44	3.4190	0.0190	0.2644	0.0017	0.8002	1509.2	4.3	1512.4	8.8	1515	5	1514.7	5.1	0.2
GOM12_16	437	2.30	2.9080	0.0930	0.2192	0.0059	0.9491	1383.0	24.0	1277.0	31.0	1537	13	1537.0	13.0	16.9
GOM12_24	218	3.30	3.9400	0.1000	0.2862	0.0050	0.9186	1619.0	21.0	1621.0	25.0	1614	18	1614.0	18.0	0.4
GOM12_6	147	2.78	4.0660	0.0740	0.2908	0.0034	0.8513	1645.0	15.0	1645.0	17.0	1629	22	1629.0	22.0	1.0
GOM12_109	113	1.06	3.8990	0.0360	0.2802	0.0021	0.4686	1615.2	7.1	1592.0	11.0	1643	9	1643.4	9.0	3.1
GOM12_35	854	19.50	3.2940	0.0410	0.2328	0.0022	0.8864	1478.9	9.7	1349.0	12.0	1648	8	1648.0	8.2	18.1
GOM12_99	168	1.03	4.0720	0.0250	0.2891	0.0014	0.4298	1648.5	5.0	1637.2	7.0	1661	7	1660.9	7.1	1.4
GOM12_39	28.1	0.53	4.0430	0.0410	0.2857	0.0026	0.2604	1643.2	8.4	1620.0	13.0	1667	12	1667.0	12.0	2.8
GOM12_93	89.4	1.02	4.1670	0.0280	0.2941	0.0020	0.4676	1667.3	5.6	1662.0	10.0	1670	8	1670.4	8.2	0.5
GOM12_9	99.7	1.07	4.1980	0.0310	0.2960	0.0018	0.6106	1674.1	6.1	1671.4	9.2	1674	7	1673.5	7.0	0.1
GOM12_4	176	4.19	4.3970	0.0460	0.3073	0.0033	0.8542	1711.1	8.6	1727.0	16.0	1682	5	1682.4	4.8	2.7
GOM12_63	342	0.91	4.2980	0.0720	0.2978	0.0051	0.9579	1692.0	14.0	1680.0	25.0	1686	8	1686.4	7.6	0.4
GOM12_90	188	2.00	4.3170	0.0310	0.3026	0.0023	0.7515	1697.0	5.7	1704.0	11.0	1687	6	1687.1	5.6	1.0
GOM12_15	40.7	0.68	4.3700	0.0530	0.3048	0.0029	0.1737	1708.0	10.0	1715.0	14.0	1689	13	1689.0	13.0	1.5
GOM12_56	81.2	1.35	4.2610	0.0400	0.2985	0.0022	0.6066	1687.3	7.7	1684.0	11.0	1692	9	1691.7	8.9	0.5
GOM12_42	293	0.97	4.0890	0.0240	0.2864	0.0020	0.5071	1652.0	4.9	1623.0	10.0	1695	9	1694.6	8.7	4.2
GOM12_75	450	1.51	4.2200	0.0280	0.2950	0.0020	0.8022	1677.7	5.5	1666.4	9.8	1696	4	1695.6	4.4	1.7
GOM12_51	208	1.70	4.2460	0.0230	0.2967	0.0016	0.6630	1682.7	4.5	1675.0	8.0	1699	5	1698.7	4.5	1.4
GOM12_8	236	2.53	4.3530	0.0210	0.3044	0.0019	0.6084	1704.1	3.9	1712.8	9.4	1700	5	1699.9	5.0	0.8
GOM12_68	306	2.95	4.0400	0.0190	0.2814	0.0015	0.6308	1642.2	3.8	1598.4	7.6	1702	5	1702.1	4.7	6.1
GOM12_86	145.4	2.11	4.0740	0.0300	0.2830	0.0021	0.6207	1649.0	5.9	1606.0	11.0	1707	8	1706.5	8.1	5.9
GOM12_19	152	1.58	4.2310	0.0440	0.2939	0.0022	0.2941	1679.6	8.5	1661.0	11.0	1711	11	1711.0	11.0	2.9
GOM12_59	250	1.43	4.4170	0.0310	0.3064	0.0027	0.6203	1715.4	5.8	1723.0	13.0	1713	8	1712.5	8.2	0.6
GOM12_64	167.3	2.14	4.2670	0.0250	0.2950	0.0018	0.6284	1686.8	4.9	1666.2	9.2	1713	5	1712.5	5.2	2.7
GOM12_11	36.62	1.19	4.4180	0.0560	0.3043	0.0037	0.4936	1715.0	10.0	1715.0	19.0	1713	12	1713.0	12.0	0.1
GOM12_27	31.32	0.55	4.6100	0.0790	0.3167	0.0032	0.4962	1749.0	14.0	1773.0	16.0	1713	22	1713.0	22.0	3.5
GOM12_91	185	0.74	4.4300	0.0330	0.3060	0.0018	0.5967	1717.7	6.1	1720.9	8.9	1713	6	1713.4	6.4	0.4
GOM12_28	140.4	0.87	4.3510	0.0280	0.3003	0.0021	0.6248	1703.5	5.3	1693.0	10.0	1716	6	1715.9	5.6	1.3
GOM12_106	294	2.06	4.3820	0.0330	0.3038	0.0023	0.7883	1708.6	6.2	1710.0	11.0	1719	6	1718.6	6.2	0.5
GOM12_55	228.4	0.78	4.4710	0.0310	0.3060	0.0027	0.6015	1725.4	5.7	1721.0	13.0	1727	6	1726.8	6.2	0.3
GOM12_13	65.9	1.36	4.5850	0.0340	0.3135	0.0025	0.5487	1746.2	6.2	1758.0	12.0	1734	8	1733.7	7.7	1.4
GOM12_26	329	2.53	4.6490	0.0460	0.3079	0.0025	0.8703	1759.5	8.6	1730.0	13.0	1789	6	1788.7	5.6	3.3
GOM12_3	108.6	1.32	4.8070	0.0330	0.3166	0.0016	0.5952	1785.9	5.8	1773.2	7.7	1796	6	1796.0	6.2	1.3
GOM12_52	85.8	1.43	4.9200	0.0360	0.3212	0.0019	0.3967	1805.3	6.2	1795.2	9.2	1816	6	1816.4	6.3	1.2
GOM12_49	348.3	0.82	5.6810	0.0330	0.3417	0.0020	0.8379	1928.3	4.9	1894.9	9.6	1971	4	1970.8	4.0	3.9
GOM12_81	189	0.76	13.4810	0.0600	0.5302	0.0026	0.6349	2713.8	4.2	2742.0	11.0	2695	4	2694.7	3.6	1.8

GOM12_104	90	0.58	12.0500	0.2100	0.4742	0.0082	0.8574	2607.0	16.0	2501.0	36.0	2712	9	2712.0	9.3	7.8
GOM12_70	19.38	4.67	18.9000	0.2300	0.5770	0.0110	0.3940	3037.0	11.0	2938.0	43.0	3092	21	3092.0	21.0	5.0
GOM12_70	25.1	3.99	21.8600	0.3200	0.6355	0.0078	0.5179	3179.0	14.0	3176.0	30.0	3178	19	3178.0	19.0	0.1

Sample:GOM13			Isotopic Ratios					Isotopic ages (Ma)								
Analysis	[U] ppm	U/Th	207/235	2σ err.	206/238	2σ err.	RHO	207/235	2σ err.	206/238	2σ err.	207/206	2σ err.	Best age	2σ err.	% Dis.
GOM13_46	166.3	0.79	0.0277	0.0017	0.0040	0.0001	0.1426	27.7	1.7	25.5	0.7	338	66	25.5	0.7	8.1
GOM13_77	125	0.69	0.0359	0.0030	0.0054	0.0002	0.2760	35.8	2.9	34.6	1.1	295	69	34.6	1.1	3.4
GOM13_96	371	0.88	0.0344	0.0012	0.0054	0.0001	0.3285	34.3	1.2	34.7	0.7	120	30	34.7	0.7	1.3
GOM13_39	177.3	0.54	0.0365	0.0011	0.0055	0.0001	0.0898	36.3	1.1	35.6	0.6	179	39	35.6	0.6	2.1
GOM13_86	82	0.93	0.0360	0.0024	0.0057	0.0002	-0.0747	35.8	2.4	36.4	1.0	374	92	36.4	1.0	1.7
GOM13_92	332	0.95	0.0374	0.0011	0.0057	0.0001	0.1282	37.2	1.1	36.8	0.6	189	35	36.8	0.6	1.2
GOM13_26	197.7	0.41	0.0398	0.0014	0.0060	0.0001	0.2595	39.6	1.4	38.8	0.9	192	40	38.8	0.9	2.1
GOM13_67	125	0.60	0.0381	0.0018	0.0061	0.0002	-0.0796	37.9	1.8	39.2	1.0	327	94	39.2	1.0	3.3
GOM13_100	304	1.73	0.0424	0.0014	0.0064	0.0001	0.0909	42.2	1.4	41.3	0.8	205	55	41.3	0.8	2.1
GOM13_85	333	0.76	0.0453	0.0015	0.0068	0.0001	0.4062	45.0	1.4	43.6	0.7	178	29	43.6	0.7	3.2
GOM13_84	127	0.93	0.0551	0.0023	0.0078	0.0001	0.0484	54.4	2.2	50.3	0.9	332	54	50.3	0.9	7.5
GOM13_28	146.3	1.01	0.0553	0.0024	0.0087	0.0002	-0.0192	54.6	2.3	56.1	1.1	173	45	56.1	1.1	2.7
GOM13_24	206	1.49	0.0592	0.0015	0.0088	0.0001	0.2994	58.4	1.5	56.7	0.8	168	26	56.7	0.8	3.0
GOM13_62	331	1.12	0.0583	0.0018	0.0090	0.0002	0.0093	57.5	1.7	57.5	1.0	125	35	57.5	1.0	0.0
GOM13_119	174	1.08	0.0607	0.0018	0.0093	0.0002	0.0709	59.8	1.8	59.7	1.0	194	48	59.7	1.0	0.1
GOM13_115	363	2.06	0.0663	0.0016	0.0100	0.0001	0.2239	65.3	1.5	64.3	0.8	172	27	64.3	0.8	1.5
GOM13_13	185	1.06	0.0653	0.0017	0.0102	0.0002	0.1363	64.4	1.7	65.1	0.9	129	30	65.1	0.9	1.1
GOM13_7	267.3	1.37	0.0696	0.0023	0.0104	0.0002	0.0724	68.3	2.2	67.0	1.3	181	37	67.0	1.3	1.9
GOM13_34	48.9	1.92	0.0734	0.0049	0.0109	0.0003	0.0539	71.7	4.7	69.6	1.6	393	69	69.6	1.6	2.9
GOM13_6	245.2	1.32	0.0715	0.0013	0.0110	0.0001	0.1465	70.1	1.3	70.7	0.9	124	24	70.7	0.9	0.9
GOM13_87	1350	2.83	0.0791	0.0017	0.0120	0.0002	0.1510	77.3	1.6	76.7	1.4	151	24	76.7	1.4	0.8
GOM13_103	95.5	1.63	0.0795	0.0024	0.0120	0.0002	0.1645	77.6	2.3	76.9	1.3	216	40	76.9	1.3	0.9
GOM13_23	1060	4.30	0.0826	0.0028	0.0122	0.0004	0.3775	80.6	2.6	77.8	2.2	214	33	77.8	2.2	3.5
GOM13_19	141	1.47	0.0847	0.0032	0.0122	0.0003	0.2344	82.5	3.0	78.2	1.6	251	46	78.2	1.6	5.2
GOM13_21	231	1.00	0.0821	0.0030	0.0123	0.0003	0.5267	80.1	2.8	78.9	2.1	185	39	78.9	2.1	1.5
GOM13_74	134.7	0.69	0.0829	0.0025	0.0126	0.0002	-0.1366	80.9	2.3	80.4	1.2	213	30	80.4	1.2	0.6
GOM13_120	370	0.87	0.0821	0.0017	0.0126	0.0002	-0.0222	80.1	1.6	80.7	1.3	149	31	80.7	1.3	0.7
GOM13_109	372	2.20	0.0921	0.0020	0.0140	0.0002	0.2035	89.4	1.9	89.4	1.0	145	25	89.4	1.0	0.0
GOM13_45	595	1.81	0.0985	0.0020	0.0148	0.0002	0.4163	95.3	1.9	94.4	1.4	99	23	94.4	1.4	0.9
GOM13_31	315	0.81	0.0985	0.0022	0.0151	0.0002	0.3656	95.4	2.1	96.4	1.5	120	25	96.4	1.5	1.0
GOM13_82	537	0.40	0.1059	0.0022	0.0158	0.0002	0.4899	102.1	2.0	100.8	1.5	164	24	100.8	1.5	1.3
GOM13_20	109.6	0.79	0.1115	0.0035	0.0166	0.0003	0.2662	107.3	3.2	106.0	1.9	185	36	106.0	1.9	1.2
GOM13_73	120.5	0.28	0.1585	0.0042	0.0233	0.0003	0.0500	149.3	3.7	148.6	1.7	208	40	148.6	1.7	0.5
GOM13_111	188	0.59	0.1630	0.0042	0.0241	0.0005	0.3746	153.3	3.7	153.5	3.0	163	33	153.5	3.0	0.1
GOM13_1	411	0.50	0.1719	0.0022	0.0251	0.0002	0.5186	161.0	1.9	159.6	1.1	168	14	159.6	1.1	0.9
GOM13_47	409	0.65	0.1738	0.0027	0.0254	0.0004	0.5887	162.7	2.3	161.6	2.3	162	18	161.6	2.3	0.7
GOM13_52	450	0.55	0.1744	0.0031	0.0257	0.0004	0.4895	163.2	2.7	163.6	2.6	188	21	163.6	2.6	0.2
GOM13_98	510	2.46	0.1885	0.0018	0.0270	0.0002	0.2148	175.3	1.5	171.9	1.3	201	12	171.9	1.3	1.9
GOM13_37	448	1.15	0.1855	0.0031	0.0270	0.0004	0.4564	172.7	2.6	172.0	2.5	184	22	172.0	2.5	0.4
GOM13_57	61.5	0.71	0.1859	0.0056	0.0273	0.0006	-0.0372	173.0	4.8	173.7	3.6	226	45	173.7	3.6	0.4
GOM13_60	159	1.22	0.1922	0.0049	0.0279	0.0005	0.2319	178.4	4.2	177.1	3.3	223	37	177.1	3.3	0.7
GOM13_61	255	1.17	0.2032	0.0034	0.0298	0.0002	0.0756	187.7	2.9	189.0	1.5	186	21	189.0	1.5	0.7
GOM13_5	485.5	4.83	0.2299	0.0025	0.0329	0.0003	0.6111	210.1	2.0	208.9	1.9	237	15	208.9	1.9	0.6
GOM13_83	227	1.23	0.2351	0.0035	0.0338	0.0003	0.0236	214.4	2.8	214.4	2.0	207	26	214.4	2.0	0.0
GOM13_93	215	1.06	0.2529	0.0048	0.0361	0.0004	0.0422	228.9	3.9	228.7	2.5	242	23	228.7	2.5	0.1
GOM13_12	149.5	1.06	0.2570	0.0083	0.0363	0.0005	0.0176	232.1	6.7	230.1	3.2	248	32	230.1	3.2	0.9
GOM13_22	344	0.86	0.4212	0.0053	0.0556	0.0006	0.6544	356.8	3.8	349.1	3.6	410	12	349.1	3.6	2.2
GOM13_106	316.6	1.22	0.4331	0.0059	0.0584	0.0006	0.3185	365.3	4.2	366.0	3.7	366	16	366.0	3.7	0.2
GOM13_107	93.4	294.00	0.4910	0.0130	0.0638	0.0011	0.0407	405.6	8.7	398.9	6.5	452	32	398.9	6.5	1.7
GOM13_99	249.4	0.68	0.5032	0.0067	0.0660	0.0008	0.5161	413.8	4.5	411.8	4.5	429	12	411.8	4.5	0.5
GOM13_29	109	0.79	0.5360	0.0110	0.0690	0.0007	0.1114	435.7	7.2	430.2	4.1	468	25	430.2	4.1	1.3
GOM13_32	159.2	0.84	0.7859	0.0070	0.0941	0.0007	0.0682	588.7	4.0	579.7	3.9	627	15	579.7	3.9	1.5
GOM13_17	76.7	4.56	1.1490	0.0710	0.0981	0.0049	0.7475	613.0	28.0	582.0	28.0	820	32	582.0	28.0	5.1

GOM13_72	118	1.50	1.5420	0.0180	0.1587	0.0018	0.7107	946.8	7.3	949.0	10.0	935	9	949.0	10.0	0.2
GOM13_55	68.5	1.87	1.5500	0.0180	0.1559	0.0012	0.5205	950.1	7.2	934.7	7.1	978	13	934.7	7.1	1.6
GOM13_54	30.2	0.86	1.6370	0.0250	0.1658	0.0020	0.2668	985.1	9.8	989.0	11.0	987	16	989.0	11.0	0.4
GOM13_117	90.8	2.19	1.7720	0.0150	0.1747	0.0012	0.3469	1035.1	5.4	1037.8	6.6	1030	9	1029.7	9.0	0.8
GOM13_68	195.3	0.94	1.7650	0.0110	0.1736	0.0012	0.1318	1032.5	4.1	1031.9	6.8	1046	12	1046.0	12.0	1.3
GOM13_35	666	1.45	1.6810	0.0120	0.1631	0.0013	0.7955	1001.0	4.4	974.1	7.2	1060	7	974.1	7.2	2.7
GOM13_63	74.89	0.90	1.8270	0.0170	0.1773	0.0013	0.2847	1055.0	6.2	1052.4	7.0	1069	10	1069.4	9.8	1.6
GOM13_64	75.8	0.85	1.8220	0.0140	0.1762	0.0014	0.4689	1053.1	5.0	1045.9	7.5	1080	10	1080.0	10.0	3.2
GOM13_90	19.68	0.73	1.8800	0.0270	0.1790	0.0024	0.1975	1074.4	9.8	1062.0	13.0	1085	17	1085.0	17.0	2.1
GOM13_102	142	1.10	1.9320	0.0120	0.1842	0.0013	0.3794	1092.1	4.2	1089.6	6.8	1092	9	1092.2	8.8	0.2
GOM13_76	130.8	1.32	1.8920	0.0210	0.1797	0.0016	0.2900	1078.1	7.5	1065.2	8.7	1112	20	1112.0	20.0	4.2
GOM13_16	256	1.55	1.9250	0.0110	0.1813	0.0011	0.4268	1089.6	3.8	1073.8	6.2	1125	8	1125.1	7.6	4.6
GOM13_15	87	0.82	2.0570	0.0170	0.1919	0.0013	0.4520	1134.2	5.6	1131.6	6.9	1145	10	1145.0	10.0	1.2
GOM13_94	135.8	1.53	2.0900	0.0220	0.1896	0.0013	0.3019	1145.2	7.1	1119.1	7.2	1176	14	1176.0	14.0	4.8
GOM13_97	112.5	0.89	2.2410	0.0190	0.2027	0.0018	0.5565	1194.9	6.3	1189.7	9.7	1191	9	1191.0	9.3	0.1
GOM13_95	62.6	0.85	2.2390	0.0240	0.2016	0.0016	0.6086	1192.8	7.5	1184.0	8.7	1208	10	1208.1	9.7	2.0
GOM13_42	46	1.94	2.3230	0.0330	0.2049	0.0024	0.6621	1219.0	10.0	1201.0	13.0	1228	18	1228.0	18.0	2.2
GOM13_8	51	1.05	2.3540	0.0520	0.2059	0.0036	0.8556	1230.0	15.0	1207.0	19.0	1270	12	1270.0	12.0	5.0
GOM13_80	161	1.47	3.0880	0.0180	0.2485	0.0015	0.4249	1429.5	4.4	1430.8	7.8	1427	7	1427.3	6.8	0.2
GOM13_118	50.53	1.20	3.0850	0.0430	0.2458	0.0021	0.3560	1429.0	11.0	1417.0	11.0	1430	16	1430.0	16.0	0.9
GOM13_79	107.6	1.87	3.0990	0.0360	0.2492	0.0032	0.7963	1431.6	8.9	1434.0	16.0	1430	8	1430.4	8.0	0.3
GOM13_113	246.9	1.52	3.0840	0.0130	0.2471	0.0010	0.5091	1429.1	3.3	1423.3	5.3	1432	4	1431.5	4.4	0.6
GOM13_65	372	1.91	3.0670	0.0370	0.2471	0.0028	0.9336	1424.0	9.1	1423.0	15.0	1435	5	1435.4	5.4	0.9
GOM13_30	64.4	0.76	3.0230	0.0240	0.2413	0.0021	0.5511	1413.1	6.1	1393.0	11.0	1441	8	1440.8	8.3	3.3
GOM13_108	206.4	1.25	3.0120	0.0230	0.2396	0.0016	0.5712	1410.4	5.8	1384.6	8.1	1441	7	1440.9	7.3	3.9
GOM13_101	106	1.90	3.0550	0.0190	0.2433	0.0016	0.4592	1421.4	4.9	1403.9	8.4	1443	10	1442.8	9.6	2.7
GOM13_58	242	2.98	3.1260	0.0220	0.2489	0.0023	0.9826	1439.0	5.4	1433.0	12.0	1446	7	1446.0	6.6	0.9
GOM13_27	315	2.22	3.0700	0.0170	0.2453	0.0015	0.6965	1425.1	4.2	1414.0	7.8	1450	5	1449.9	5.2	2.5
GOM13_17	919	7.55	2.8170	0.0140	0.2247	0.0014	0.8136	1360.0	3.8	1306.4	7.4	1453	4	1453.0	4.3	10.1
GOM13_112	91.7	0.75	2.9620	0.0370	0.2320	0.0025	0.7868	1397.4	9.5	1345.0	13.0	1477	11	1477.0	11.0	8.9
GOM13_62	54.1	1.40	3.6360	0.0670	0.2679	0.0051	0.9060	1557.0	15.0	1530.0	26.0	1590	24	1590.0	24.0	3.8
GOM13_105	50.2	0.98	3.7220	0.0340	0.2740	0.0025	0.0952	1575.7	7.3	1561.0	12.0	1597	11	1597.0	11.0	2.3
GOM13_25	275.4	3.85	3.9230	0.0180	0.2821	0.0015	0.6199	1618.3	3.8	1601.8	7.8	1648	5	1648.4	5.2	2.8
GOM13_71	144.8	0.73	4.0430	0.0250	0.2892	0.0021	0.7153	1643.4	4.8	1639.0	11.0	1658	5	1657.8	5.4	1.1
GOM13_49	144	4.60	3.8570	0.0390	0.2683	0.0027	0.7879	1605.6	8.0	1532.0	14.0	1687	4	1687.3	4.4	9.2
GOM13_59	266	1.36	4.1520	0.0310	0.2901	0.0022	0.8167	1664.2	6.0	1642.0	11.0	1688	4	1688.1	4.4	2.7
GOM13_40	191	2.62	4.3340	0.0510	0.3028	0.0037	0.8105	1700.0	10.0	1707.0	19.0	1689	8	1688.5	7.5	1.1
GOM13_9	291	1.91	4.1620	0.0250	0.2916	0.0021	0.6546	1666.3	4.9	1649.0	10.0	1694	5	1693.8	5.1	2.6
GOM13_41	40	0.71	4.1170	0.0400	0.2844	0.0029	0.2656	1657.2	7.9	1613.0	15.0	1700	12	1700.0	12.0	5.1
GOM13_18	39.3	1.81	4.1120	0.0410	0.2860	0.0029	0.3284	1656.2	8.1	1621.0	14.0	1701	11	1701.0	11.0	4.7
GOM13_51	54.6	1.34	4.2110	0.0370	0.2928	0.0025	0.2812	1675.9	7.2	1655.0	12.0	1706	9	1706.1	8.7	3.0
GOM13_11	707	2.19	3.5390	0.0320	0.2451	0.0026	0.9008	1535.7	7.3	1413.0	13.0	1708	6	1707.8	5.7	17.3
GOM13_91	176.3	1.20	4.0180	0.0230	0.2778	0.0021	0.5471	1637.7	4.6	1580.0	11.0	1712	6	1712.2	5.9	7.7
GOM13_69	947	4.55	4.0630	0.0270	0.2806	0.0023	0.8073	1646.8	5.5	1595.0	12.0	1714	7	1713.9	6.7	6.9
GOM13_48	106	0.65	4.4480	0.0310	0.3075	0.0022	0.5712	1721.0	5.7	1728.0	11.0	1716	8	1716.4	7.7	0.7
GOM13_78	59.71	0.89	4.2100	0.0610	0.2921	0.0033	0.2101	1676.0	12.0	1652.0	17.0	1717	24	1717.0	24.0	3.8
GOM13_110	187	0.96	4.4840	0.0270	0.3074	0.0017	0.5745	1727.8	5.0	1727.7	8.5	1723	5	1722.8	5.4	0.3
GOM13_33	212	2.68	4.1530	0.0460	0.2855	0.0036	0.8694	1664.2	8.9	1619.0	18.0	1723	7	1723.2	7.4	6.0
GOM13_44	117	1.36	4.1360	0.0340	0.2846	0.0023	0.4576	1661.3	6.8	1614.0	12.0	1728	10	1728.0	10.0	6.6
GOM13_66	110.2	1.51	4.6600	0.0410	0.3175	0.0030	0.6083	1759.8	7.3	1777.0	15.0	1743	7	1743.0	7.3	2.0
GOM13_10	136.3	1.74	4.4260	0.0270	0.3004	0.0019	0.5926	1717.6	4.9	1693.2	9.6	1755	6	1754.8	5.9	3.5
GOM13_50	93	0.73	4.3100	0.1400	0.2886	0.0083	0.9360	1693.0	27.0	1634.0	42.0	1770	10	1770.0	10.0	7.7
GOM13_70	366	3.34	4.8110	0.0300	0.3166	0.0021	0.7185	1786.6	5.2	1773.0	10.0	1811	5	1811.2	5.4	2.1
GOM13_36	78.7	1.20	4.7030	0.0330	0.3062	0.0022	0.4445	1767.5	5.9	1722.0	11.0	1825	7	1824.5	6.7	5.6
GOM13_81	84.8	0.94	4.9780	0.0280	0.3204	0.0017	0.2786	1816.1	5.0	1791.7	8.5	1841	9	1841.2	8.7	2.7
GOM13_56	320.8	1.84	5.0740	0.0380	0.3139	0.0028	0.6202	1831.7	6.4	1760.0	14.0	1902	7	1901.6	6.8	7.4
GOM13_75	206	2.29	5.6710	0.0450	0.3470	0.0029	0.7550	1926.7	6.8	1920.0	14.0	1931	7	1930.8	6.9	0.6
GOM13_88	40.3	1.45	10.5030	0.0610	0.4644	0.0032	0.3397	2480.0	5.4	2459.0	14.0	2494	9	2493.7	8.5	1.4
GOM13_89	36.46	0.69	13.9600	0.2300	0.5240	0.0120	0.7571	2747.0	16.0	2714.0	51.0	2766	16	2766.0	16.0	1.9

Sample:GOM14	Isotopic Ratios							Isotopic ages (Ma)								
Analysis	[U] ppm	U/Th	207/235	2σ err.	206/238	2σ err.	RHO	207/235	2σ err.	206/238	2σ err.	207/206	2σ err.	Best age	2σ err.	% Dis.
GOM14_119	356	1.86	0.0312	0.0027	0.0049	0.0002	0.0404	31.2	2.6	31.5	1.0	40	170	31.5	1.0	1.0
GOM14_3	243	0.88	0.0307	0.0019	0.0050	0.0002	0.0815	30.6	1.9	32.0	1.0	20	130	32.0	1.0	4.5
GOM14_123	45.4	0.94	0.0331	0.0058	0.0051	0.0004	0.0197	32.8	5.7	32.6	2.4	40	320	32.6	2.4	0.6
GOM14_107	362	1.97	0.0430	0.0036	0.0068	0.0003	0.0370	42.8	3.5	43.5	2.1	40	180	43.5	2.1	1.6
GOM14_113	68.1	0.68	0.0468	0.0042	0.0069	0.0003	0.2331	46.9	4.0	44.5	2.1	190	190	44.5	2.1	5.1
GOM14_72	348	0.95	0.0485	0.0015	0.0074	0.0001	0.2286	48.1	1.5	47.7	0.9	102	84	47.7	0.9	0.9
GOM14_59	3090	6.20	0.0577	0.0035	0.0086	0.0003	0.4372	57.0	3.4	55.2	1.6	130	130	55.2	1.6	3.2
GOM14_79	316.5	2.29	0.0680	0.0026	0.0104	0.0002	0.0157	66.8	2.5	66.4	1.5	91	93	66.4	1.5	0.6
GOM14_64	109	1.06	0.0748	0.0050	0.0112	0.0003	0.2881	73.1	4.7	71.6	2.2	110	120	71.6	2.2	2.1
GOM14_117	589	1.47	0.0761	0.0046	0.0113	0.0004	0.4269	74.5	4.3	72.3	2.8	160	120	72.3	2.8	3.0
GOM14_58	1332.8	1.87	0.0746	0.0011	0.0113	0.0001	0.0550	73.2	1.0	72.7	0.6	109	40	72.7	0.6	0.7
GOM14_15	74	1.69	0.0746	0.0051	0.0117	0.0005	0.0017	73.0	4.8	74.9	2.9	100	170	74.9	2.9	2.6
GOM14_120	1390	1.67	0.0805	0.0062	0.0120	0.0005	0.9737	78.6	5.8	76.6	3.3	220	170	76.6	3.3	2.5
GOM14_62	148.8	2.26	0.1184	0.0043	0.0178	0.0004	0.2300	113.5	3.9	114.0	2.4	120	94	114.0	2.4	0.4
GOM14_83	388	1.95	0.1859	0.0047	0.0262	0.0006	0.6080	173.0	4.0	166.8	4.0	232	53	166.8	4.0	3.6
GOM14_85	289	0.84	0.1811	0.0046	0.0262	0.0004	0.1101	168.9	3.9	166.9	2.5	186	63	166.9	2.5	1.2
GOM14_13	210.9	0.72	0.1819	0.0048	0.0262	0.0006	0.0345	169.6	4.1	166.9	3.7	163	78	166.9	3.7	1.6
GOM14_77	340	1.02	0.2489	0.0053	0.0354	0.0004	0.2928	226.1	4.2	224.0	2.5	251	47	224.0	2.5	0.9
GOM14_48	134.3	1.79	0.4990	0.0130	0.0656	0.0009	0.1943	410.9	8.7	409.4	5.7	425	55	409.4	5.7	0.4
GOM14_101	238.1	1.36	0.5201	0.0084	0.0682	0.0008	0.1267	424.9	5.6	425.1	4.5	422	41	425.1	4.5	0.0
GOM14_54	576	1.65	0.6000	0.0110	0.0693	0.0013	0.5371	477.0	6.9	432.1	7.6	682	31	432.1	7.6	9.4
GOM14_124	253.3	0.51	0.5410	0.0110	0.0699	0.0008	0.3569	439.5	7.5	435.8	4.5	457	37	435.8	4.5	0.8
GOM14_22	214	1.25	0.5810	0.0100	0.0745	0.0009	0.4004	464.7	6.4	463.0	5.1	462	39	463.0	5.1	0.4
GOM14_89	28.7	1.08	1.0890	0.0590	0.1222	0.0040	0.1933	754.0	32.0	743.0	23.0	740	130	743.0	23.0	1.5
GOM14_95	248.5	2.03	1.6180	0.0240	0.1559	0.0021	0.5967	976.6	9.1	934.0	12.0	1059	26	934.0	12.0	4.4
GOM14_49	139.5	1.31	1.6320	0.0170	0.1592	0.0014	0.3169	982.3	6.5	952.5	7.8	1046	23	952.5	7.8	3.0
GOM14_50	599	26.30	1.6020	0.0310	0.1595	0.0023	0.8878	973.0	12.0	954.0	13.0	996	18	954.0	13.0	2.0
GOM14_26	110.1	1.16	1.5730	0.0190	0.1596	0.0017	0.3029	959.1	7.4	954.4	9.6	986	27	954.4	9.6	0.5
GOM14_100	504	2.49	1.7750	0.0150	0.1597	0.0013	0.6994	1036.3	5.6	955.1	7.4	1199	15	955.1	7.4	7.8
GOM14_110	428	2.82	1.6130	0.0160	0.1614	0.0013	0.6634	975.0	6.3	964.6	7.1	1007	16	964.6	7.1	1.1
GOM14_36	65.9	1.41	1.6540	0.0350	0.1627	0.0022	0.0651	992.0	13.0	971.0	12.0	1027	49	971.0	12.0	2.1
GOM14_51	348	2.17	1.6750	0.0270	0.1643	0.0024	0.7704	998.0	10.0	981.0	13.0	1020	21	981.0	13.0	1.7
GOM14_90	45.5	0.85	1.6760	0.0350	0.1648	0.0020	0.0478	998.0	13.0	983.0	11.0	1003	49	983.0	11.0	1.5
GOM14_39	313.6	2.48	1.6750	0.0170	0.1648	0.0013	0.2974	998.8	6.3	983.5	7.2	1038	20	983.5	7.2	1.5
GOM14_97	360	1.25	1.6950	0.0170	0.1654	0.0018	0.7031	1007.2	6.6	986.7	9.8	1038	17	986.7	9.8	2.0
GOM14_111	42.2	2.47	1.7000	0.0480	0.1665	0.0034	0.2025	1007.0	18.0	992.0	19.0	1054	73	992.0	19.0	1.5
GOM14_80	80	1.42	1.6690	0.0180	0.1671	0.0014	0.2982	996.3	6.8	996.2	7.6	1003	27	996.2	7.6	0.0
GOM14_16	188	6.29	1.6910	0.0310	0.1675	0.0017	0.0141	1005.0	12.0	998.4	9.4	1039	41	998.4	9.4	0.7
GOM14_18	118.1	2.61	1.7000	0.0240	0.1697	0.0020	0.3003	1008.1	9.0	1010.0	11.0	1005	32	1005.0	32.0	0.5
GOM14_88	247	3.07	1.7310	0.0180	0.1718	0.0019	0.5590	1019.7	6.6	1022.0	10.0	1005	20	1005.0	20.0	1.7
GOM14_34	92.7	1.68	1.6880	0.0190	0.1686	0.0015	0.2929	1004.7	6.8	1004.3	8.0	1009	25	1009.0	25.0	0.5
GOM14_66	168	1.76	1.7640	0.0230	0.1757	0.0015	0.5569	1033.8	8.4	1043.1	8.4	1018	22	1018.0	22.0	2.5
GOM14_23	126.3	2.86	1.7270	0.0200	0.1708	0.0014	0.1724	1018.1	7.3	1016.6	7.9	1022	26	1022.0	26.0	0.5
GOM14_1	156	1.83	1.7690	0.0210	0.1744	0.0014	0.1076	1034.6	7.4	1036.3	7.9	1033	26	1033.0	26.0	0.3
GOM14_28	102.5	1.97	1.7750	0.0240	0.1753	0.0014	0.2359	1035.8	8.7	1040.9	7.6	1038	30	1038.0	30.0	0.3
GOM14_47	87.3	1.93	1.6990	0.0200	0.1679	0.0017	0.2295	1008.9	7.5	1000.5	9.2	1039	27	1039.0	27.0	3.7
GOM14_70	86.5	1.72	1.7780	0.0750	0.1735	0.0041	0.0931	1037.0	28.0	1031.0	23.0	1040	110	1040.0	110.0	0.9
GOM14_81	146.5	1.47	1.7350	0.0180	0.1702	0.0013	0.3590	1022.1	6.9	1013.1	7.3	1043	23	1043.0	23.0	2.9
GOM14_42	70.25	0.54	1.7860	0.0290	0.1740	0.0018	0.4379	1041.0	11.0	1036.0	10.0	1047	31	1047.0	31.0	1.1
GOM14_60	171.3	3.71	1.8250	0.0190	0.1777	0.0017	0.3955	1054.8	7.0	1054.1	9.1	1049	22	1049.0	22.0	0.5
GOM14_99	114	0.86	1.7440	0.0370	0.1711	0.0024	0.5737	1026.0	14.0	1018.0	13.0	1058	36	1058.0	36.0	3.8
GOM14_30	116.6	2.36	1.8030	0.0210	0.1743	0.0015	0.2154	1046.0	7.5	1035.7	8.3	1059	27	1059.0	27.0	2.2
GOM14_91	33.7	1.06	1.8620	0.0360	0.1809	0.0023	0.0332	1066.0	13.0	1072.0	13.0	1065	47	1065.0	47.0	0.7
GOM14_44	87.6	2.27	1.7780	0.0270	0.1726	0.0020	0.3665	1038.4	9.6	1026.0	11.0	1065	32	1065.0	32.0	3.7
GOM14_41	11.58	1.02	1.7800	0.1000	0.1739	0.0081	0.2276	1034.0	36.0	1033.0	45.0	1070	140	1070.0	140.0	3.5
GOM14_68	64.6	1.25	1.8930	0.0360	0.1817	0.0026	0.3929	1079.0	12.0	1076.0	14.0	1078	34	1078.0	34.0	0.2
GOM14_25	220	1.33	1.8610	0.0220	0.1793	0.0019	0.3462	1067.0	7.8	1063.0	10.0	1079	26	1079.0	26.0	1.5

GOM14_118	23.9	0.97	1.8970	0.0530	0.1828	0.0032	0.1061	1088.0	19.0	1087.0	17.0	1081	67	1081.0	67.0	0.6
GOM14_84	295	8.10	1.8200	0.0160	0.1749	0.0025	0.3537	1052.6	5.7	1039.0	14.0	1083	24	1083.0	24.0	4.1
GOM14_112	297	9.89	1.7940	0.0180	0.1722	0.0016	0.6516	1043.0	6.4	1023.9	8.6	1085	16	1085.0	16.0	5.6
GOM14_108	464	1.69	1.8610	0.0120	0.1781	0.0012	0.5157	1067.3	4.1	1056.6	6.7	1094	14	1094.0	14.0	3.4
GOM14_14	106.8	1.08	1.9490	0.0610	0.1845	0.0031	0.2568	1097.0	21.0	1092.0	17.0	1102	58	1102.0	58.0	0.9
GOM14_24	105.7	2.15	1.8760	0.0250	0.1776	0.0017	0.2720	1072.1	8.6	1053.7	9.5	1107	26	1107.0	26.0	4.8
GOM14_37	155	2.02	1.9160	0.0290	0.1826	0.0023	0.6865	1086.0	10.0	1081.0	12.0	1119	26	1119.0	26.0	3.4
GOM14_35	177	2.12	2.0350	0.0270	0.1906	0.0023	0.6974	1127.9	9.2	1124.0	13.0	1129	22	1129.0	22.0	0.4
GOM14_11	380	1.93	2.0070	0.0170	0.1880	0.0012	0.4177	1117.4	5.8	1110.4	6.7	1132	17	1132.0	17.0	1.9
GOM14_86	164.2	1.67	2.0160	0.0260	0.1878	0.0015	0.1483	1120.4	8.6	1109.3	8.4	1136	26	1136.0	26.0	2.4
GOM14_116	43.9	1.11	2.1050	0.0410	0.1966	0.0026	0.2844	1149.0	13.0	1157.0	14.0	1156	42	1156.0	42.0	0.1
GOM14_65	115.2	2.10	2.0580	0.0220	0.1894	0.0016	0.3471	1134.5	7.3	1117.8	8.6	1169	21	1169.0	21.0	4.4
GOM14_61	333	3.32	2.0150	0.0300	0.1845	0.0074	0.4426	1121.0	10.0	1092.0	40.0	1169	73	1169.0	73.0	6.6
GOM14_33	200	1.95	2.1240	0.0220	0.1940	0.0015	0.2628	1156.3	7.0	1143.1	8.0	1172	22	1172.0	22.0	2.5
GOM14_56	92	1.94	2.0940	0.0330	0.1916	0.0026	0.4773	1146.0	11.0	1130.0	14.0	1173	33	1173.0	33.0	3.7
GOM14_105	54.9	2.86	2.0260	0.0800	0.1884	0.0047	0.2560	1123.0	27.0	1112.0	26.0	1173	93	1173.0	93.0	5.2
GOM14_98	60	1.42	2.2040	0.0380	0.2038	0.0030	0.3001	1181.0	12.0	1195.0	16.0	1175	40	1175.0	40.0	1.7
GOM14_6	465	2.56	2.0240	0.0140	0.1853	0.0015	0.5728	1124.2	4.8	1095.7	8.0	1176	13	1176.0	13.0	6.8
GOM14_20	60.5	0.77	2.1510	0.0330	0.1974	0.0021	0.1645	1165.0	11.0	1161.0	11.0	1183	32	1183.0	32.0	1.9
GOM14_12	222.3	1.42	2.0790	0.0190	0.1903	0.0015	0.2722	1141.7	6.4	1122.9	7.9	1183	21	1183.0	21.0	5.1
GOM14_5	244	8.07	2.2360	0.0210	0.2036	0.0014	0.5570	1192.8	6.5	1194.3	7.8	1185	16	1185.0	16.0	0.8
GOM14_31	143	1.18	2.1290	0.0240	0.1949	0.0018	0.4986	1158.6	7.5	1147.8	9.8	1187	19	1187.0	19.0	3.3
GOM14_103	245	2.32	2.0510	0.0380	0.1862	0.0028	0.7135	1132.0	13.0	1100.0	15.0	1197	27	1197.0	27.0	8.1
GOM14_73	156.9	1.19	2.0450	0.0300	0.1849	0.0018	0.2140	1130.2	9.9	1094.0	10.0	1199	33	1199.0	33.0	8.8
GOM14_74	41.5	0.69	2.1450	0.0380	0.1941	0.0029	0.4049	1166.0	12.0	1143.0	15.0	1202	34	1202.0	34.0	4.9
GOM14_87	52.6	1.65	2.2970	0.0730	0.2067	0.0046	0.6994	1215.0	22.0	1213.0	25.0	1212	41	1212.0	41.0	0.1
GOM14_63	66.7	1.21	2.2030	0.0360	0.1946	0.0021	0.2800	1183.0	11.0	1146.0	12.0	1231	35	1231.0	35.0	6.9
GOM14_21	122.2	0.96	2.2650	0.0300	0.2001	0.0027	0.3398	1200.8	9.3	1176.0	14.0	1252	31	1252.0	31.0	6.1
GOM14_19	88.2	1.48	2.4820	0.0540	0.2182	0.0039	0.7443	1265.0	16.0	1272.0	20.0	1256	29	1256.0	29.0	1.3
GOM14_55	80.4	1.21	2.6050	0.0600	0.2233	0.0050	0.6164	1301.0	17.0	1299.0	26.0	1300	37	1300.0	37.0	0.1
GOM14_94	169.4	2.45	2.4310	0.0470	0.2069	0.0028	0.4131	1254.0	15.0	1212.0	15.0	1316	33	1316.0	33.0	7.9
GOM14_7	110	1.34	2.7590	0.0340	0.2319	0.0022	0.4690	1347.1	9.2	1344.0	12.0	1336	25	1336.0	25.0	0.6
GOM14_82	61	1.60	2.8190	0.0390	0.2338	0.0024	0.3039	1360.0	10.0	1354.0	12.0	1365	28	1365.0	28.0	0.8
GOM14_40	165	2.41	2.8810	0.0610	0.2375	0.0049	0.8691	1379.0	16.0	1373.0	25.0	1381	21	1381.0	21.0	0.6
GOM14_27	74.4	0.64	2.9240	0.0420	0.2394	0.0032	0.4405	1389.0	10.0	1383.0	16.0	1394	25	1394.0	25.0	0.8
GOM14_115	161.8	0.90	2.8350	0.0220	0.2313	0.0018	0.3239	1364.5	5.9	1341.0	9.6	1412	17	1412.0	17.0	5.0
GOM14_114	29	1.05	3.1950	0.0640	0.2551	0.0036	0.1247	1456.0	15.0	1464.0	18.0	1422	44	1422.0	44.0	3.0
GOM14_92	98.9	3.19	3.1190	0.0370	0.2498	0.0024	0.5191	1437.1	9.2	1437.0	13.0	1431	23	1431.0	23.0	0.4
GOM14_29	107	0.96	3.0910	0.0280	0.2485	0.0023	0.2697	1430.9	7.2	1430.0	12.0	1432	23	1432.0	23.0	0.1
GOM14_57	72.9	0.76	3.1640	0.0430	0.2518	0.0025	0.5480	1449.0	10.0	1448.0	13.0	1442	23	1442.0	23.0	0.4
GOM14_9	52.7	1.47	3.1030	0.0380	0.2489	0.0032	0.4455	1432.7	9.4	1432.0	17.0	1443	22	1443.0	22.0	0.8
GOM14_69	178.8	0.91	3.0380	0.0610	0.2358	0.0036	0.4511	1420.0	14.0	1365.0	19.0	1478	38	1478.0	38.0	7.6
GOM14_4	132.1	1.39	3.1970	0.0280	0.2481	0.0022	0.2330	1456.1	6.7	1428.0	11.0	1498	19	1498.0	19.0	4.7
GOM14_122	115.7	1.12	3.1370	0.0410	0.2427	0.0026	0.4099	1441.2	9.9	1400.0	14.0	1520	25	1520.0	25.0	7.9
GOM14_59	151.3	2.99	4.0570	0.0780	0.2884	0.0027	0.4484	1645.0	16.0	1633.0	14.0	1640	33	1640.0	33.0	0.4
GOM14_38	102	0.98	3.8590	0.0480	0.2766	0.0027	0.4489	1605.6	9.7	1576.0	14.0	1651	20	1651.0	20.0	4.5
GOM14_2	272	1.34	4.1070	0.0260	0.2917	0.0017	0.5734	1655.5	5.2	1650.1	8.3	1663	12	1663.0	12.0	0.8
GOM14_70	27.26	0.87	4.2080	0.0580	0.2959	0.0040	0.3427	1675.0	11.0	1671.0	20.0	1664	29	1664.0	29.0	0.4
GOM14_106	244	1.42	4.2190	0.0300	0.2974	0.0023	0.7845	1677.4	5.9	1678.0	12.0	1681	12	1681.0	12.0	0.2
GOM14_75	179.4	0.74	4.2670	0.0370	0.2983	0.0028	0.2837	1686.7	7.0	1683.0	14.0	1688	20	1688.0	20.0	0.3
GOM14_109	486	0.73	4.0190	0.0330	0.2822	0.0020	0.7067	1639.5	6.6	1602.0	10.0	1689	10	1689.0	10.0	5.2
GOM14_17	316.7	2.29	4.0200	0.0290	0.2814	0.0022	0.7056	1638.6	6.0	1598.0	11.0	1699	11	1699.0	11.0	5.9
GOM14_32	336	2.22	4.1310	0.0270	0.2868	0.0025	0.5949	1660.2	5.4	1625.0	12.0	1705	13	1705.0	13.0	4.7
GOM14_46	91	1.45	4.3290	0.0460	0.2979	0.0034	0.4312	1699.6	9.1	1680.0	17.0	1713	24	1713.0	24.0	1.9
GOM14_104	190.9	2.47	4.6410	0.0420	0.3111	0.0027	0.3804	1756.3	7.5	1746.0	13.0	1776	14	1776.0	14.0	1.7
GOM14_43	79.6	1.79	4.7370	0.0470	0.3144	0.0026	0.2412	1773.2	8.3	1762.0	13.0	1790	22	1790.0	22.0	1.6
GOM14_8	351	3.20	5.0100	0.0450	0.3311	0.0029	0.7641	1822.6	7.7	1843.0	14.0	1790	10	1790.0	9.7	3.0
GOM14_120	103.7	0.96	5.9200	0.1100	0.3560	0.0065	0.8908	1964.0	16.0	1963.0	31.0	1955	30	1955.0	30.0	0.4
GOM14_121	185.2	1.66	11.0890	0.0700	0.4646	0.0029	0.7548	2530.3	5.8	2460.0	13.0	2589	8	2589.1	7.8	5.0
GOM14_52	106.6	0.55	11.7730	0.0750	0.4774	0.0036	0.7326	2586.2	5.9	2516.0	16.0	2630	9	2630.4	9.1	4.3

GOM14_78	53.9	0.35	12.2300	0.1100	0.4915	0.0054	0.5215	2622.5	8.7	2580.0	24.0	2652	17	2652.0	17.0	2.7
GOM14_96	9.81	2.34	13.2800	0.2100	0.4984	0.0097	0.4906	2698.0	15.0	2610.0	41.0	2755	29	2755.0	29.0	5.3
GOM14_93	318	1.66	34.2100	0.2400	0.7215	0.0053	0.7784	3615.7	7.0	3501.0	20.0	3679	7	3678.7	7.1	4.8

Sample: GOM15			Isotopic Ratios					Isotopic ages (Ma)								
Analysis	[U] ppm	U/Th	207/235	2σ err.	206/238	2σ err.	RHO	207/235	2σ err.	206/238	2σ err.	207/206	2σ err.	Best age	2σ err.	% Dis.
GOM15_124	1610	0.72	0.0461	0.0015	0.0068	0.0002	0.4521	45.8	1.4	43.6	1.5	157	79	43.6	1.5	4.8
GOM15_28	268	0.45	0.0449	0.0044	0.0070	0.0005	0.3359	44.5	4.2	44.8	2.9	40	180	44.8	2.9	0.7
GOM15_120	671	0.79	0.0819	0.0026	0.0125	0.0004	0.1017	79.9	2.4	79.9	2.2	74	74	79.9	2.2	0.0
GOM15_83	2550	6.57	0.0830	0.0027	0.0127	0.0005	0.5207	81.0	2.5	81.3	2.9	71	57	81.3	2.9	0.4
GOM15_114	1180	1.30	0.1001	0.0021	0.0150	0.0003	0.3783	96.9	2.0	96.2	2.0	104	52	96.2	2.0	0.7
GOM15_12	553	2.70	0.1030	0.0028	0.0155	0.0003	0.1389	99.8	2.6	99.3	1.9	125	66	99.3	1.9	0.5
GOM15_123	2288	1.13	0.1031	0.0019	0.0157	0.0003	0.3025	99.6	1.8	100.1	2.0	99	50	100.1	2.0	0.5
GOM15_125	529	0.63	0.1884	0.0036	0.0271	0.0005	0.3707	175.6	3.1	172.3	2.9	174	46	172.3	2.9	1.9
GOM15_8	805	62.70	0.3730	0.0130	0.0511	0.0019	0.6972	322.0	9.5	321.0	12.0	343	79	321.0	12.0	0.3
GOM15_73	1410	4.57	0.4600	0.0180	0.0595	0.0025	0.5207	384.0	13.0	373.0	15.0	435	55	373.0	15.0	2.9
GOM15_127	1406	1.39	0.4840	0.0140	0.0621	0.0018	0.6327	400.3	9.9	388.0	11.0	432	51	388.0	11.0	3.1
GOM15_78	255.6	0.86	0.5120	0.0340	0.0658	0.0018	0.4215	419.0	22.0	411.0	11.0	430	130	411.0	11.0	1.9
GOM15_57	260	0.57	0.5040	0.0120	0.0660	0.0017	0.6070	415.4	8.0	412.0	10.0	420	52	412.0	10.0	0.8
GOM15_6	557	0.59	0.5058	0.0080	0.0663	0.0010	0.5355	415.3	5.4	413.8	6.1	427	35	413.8	6.1	0.4
GOM15_7	452	1.19	0.5150	0.0120	0.0666	0.0014	0.5598	421.3	7.9	415.3	8.7	450	42	415.3	8.7	1.4
GOM15_91	299	15.50	0.5480	0.0210	0.0695	0.0025	0.4799	443.0	14.0	433.0	15.0	435	87	433.0	15.0	2.3
GOM15_24	541	6.10	0.5650	0.0130	0.0736	0.0015	0.7611	454.1	8.4	457.9	8.8	448	39	457.9	8.8	0.8
GOM15_59	231.5	0.57	0.5850	0.0150	0.0739	0.0016	0.5281	467.0	9.4	459.4	9.8	494	58	459.4	9.8	1.6
GOM15_88	280.4	1.27	0.5780	0.0200	0.0742	0.0015	0.2458	465.0	13.0	461.3	8.7	471	75	461.3	8.7	0.8
GOM15_104	314.3	1.43	0.6080	0.0160	0.0754	0.0014	0.4613	482.1	9.9	468.6	8.6	505	59	468.6	8.6	2.8
GOM15_105	300.6	0.83	0.6550	0.0110	0.0819	0.0012	0.3512	512.2	6.7	507.2	7.4	535	40	507.2	7.4	1.0
GOM15_1	101.8	2.31	0.7740	0.0260	0.0914	0.0032	0.6373	581.0	15.0	563.0	19.0	614	67	563.0	19.0	3.1
GOM15_87	218	1.15	1.0340	0.0250	0.1178	0.0031	0.7167	720.0	12.0	718.0	18.0	760	45	718.0	18.0	0.3
GOM15_30	1087	11.10	1.3400	0.1500	0.1420	0.0120	0.5328	861.0	65.0	853.0	68.0	860	200	853.0	68.0	0.9
GOM15_19	218	2.24	1.4770	0.0240	0.1527	0.0027	0.6092	921.2	9.8	916.0	15.0	938	28	916.0	15.0	0.6
GOM15_85	996	1.69	1.7090	0.0770	0.1541	0.0058	0.7514	1011.0	29.0	924.0	32.0	1178	63	924.0	32.0	8.6
GOM15_48	1071	2.47	1.6500	0.1000	0.1556	0.0097	0.8241	986.0	39.0	932.0	54.0	1050	100	932.0	54.0	5.5
GOM15_117	218	1.50	1.5850	0.0200	0.1594	0.0022	0.4529	963.8	7.8	953.0	12.0	972	28	953.0	12.0	1.1
GOM15_101	301.6	1.29	1.6920	0.0270	0.1643	0.0035	0.4326	1005.0	10.0	980.0	19.0	1049	38	980.0	19.0	2.5
GOM15_79	187.9	1.83	1.6790	0.0300	0.1649	0.0026	0.4619	1002.0	12.0	984.0	14.0	1029	35	984.0	14.0	1.8
GOM15_42	110.2	1.43	1.6840	0.0230	0.1662	0.0020	0.5004	1003.1	8.9	991.0	11.0	1025	29	991.0	11.0	1.2
GOM15_46	136.5	1.47	1.6810	0.0480	0.1668	0.0037	0.6419	1003.0	19.0	994.0	20.0	1017	45	994.0	20.0	0.9
GOM15_26	426	1.24	1.6940	0.0210	0.1670	0.0021	0.7064	1006.0	7.9	996.0	12.0	1051	21	996.0	12.0	1.0
GOM15_115	130.2	0.77	1.7310	0.0280	0.1676	0.0021	0.2943	1022.4	9.9	999.0	12.0	1051	36	999.0	12.0	2.3
GOM15_116	129.8	1.67	1.7400	0.0420	0.1716	0.0044	0.7217	1026.0	16.0	1020.0	24.0	1029	37	1029.0	37.0	0.9
GOM15_119	250	1.46	1.7730	0.0340	0.1730	0.0027	0.6494	1037.0	12.0	1028.0	15.0	1031	28	1031.0	28.0	0.3
GOM15_56	153.9	1.35	1.7380	0.0270	0.1683	0.0027	0.4361	1023.6	9.5	1003.0	15.0	1032	39	1032.0	39.0	2.8
GOM15_4	122.3	1.83	1.7870	0.0360	0.1761	0.0031	0.6013	1039.0	13.0	1045.0	17.0	1036	33	1036.0	33.0	0.9
GOM15_35	387	0.98	1.7740	0.0200	0.1727	0.0020	0.5559	1035.5	7.2	1027.0	11.0	1039	22	1039.0	22.0	1.2
GOM15_109	214	2.33	1.8000	0.0280	0.1747	0.0027	0.5536	1044.0	10.0	1038.0	15.0	1043	34	1043.0	34.0	0.5
GOM15_45	266.6	2.23	1.7380	0.0560	0.1726	0.0063	0.7151	1027.0	23.0	1026.0	35.0	1049	54	1049.0	54.0	2.2
GOM15_122	458	1.55	1.8320	0.0790	0.1779	0.0076	0.9224	1054.0	28.0	1053.0	41.0	1052	37	1052.0	37.0	0.1
GOM15_44	410	1.05	1.7650	0.0310	0.1728	0.0037	0.7554	1032.0	11.0	1027.0	21.0	1058	31	1058.0	31.0	2.9
GOM15_92	564	5.39	1.7660	0.0250	0.1701	0.0024	0.8175	1032.4	9.4	1013.0	13.0	1058	20	1058.0	20.0	4.3
GOM15_94	871	1.53	1.7850	0.0170	0.1727	0.0019	0.4873	1039.8	6.1	1027.0	11.0	1063	21	1063.0	21.0	3.4
GOM15_16	272.4	1.61	1.8780	0.0360	0.1811	0.0038	0.7384	1076.0	12.0	1073.0	21.0	1068	30	1068.0	30.0	0.5
GOM15_126	443	1.50	1.8600	0.0230	0.1780	0.0026	0.5853	1066.6	8.2	1055.0	14.0	1074	24	1074.0	24.0	1.8
GOM15_70	779	2.28	1.8420	0.0240	0.1761	0.0030	0.7040	1060.0	8.7	1046.0	16.0	1077	26	1077.0	26.0	2.9
GOM15_33	312.9	1.65	1.7690	0.0330	0.1690	0.0035	0.6312	1033.0	12.0	1006.0	19.0	1084	36	1084.0	36.0	7.2
GOM15_18	381	1.61	1.7930	0.0220	0.1719	0.0025	0.6600	1042.4	8.1	1024.0	14.0	1085	26	1085.0	26.0	5.6
GOM15_40	271	1.79	1.8250	0.0280	0.1754	0.0030	0.5662	1055.0	9.9	1042.0	16.0	1085	32	1085.0	32.0	4.0
GOM15_89	129	1.33	1.9140	0.0290	0.1832	0.0026	0.5521	1085.0	10.0	1084.0	14.0	1088	28	1088.0	28.0	0.4
GOM15_11	255	0.95	1.8990	0.0470	0.1820	0.0054	0.6185	1082.0	16.0	1077.0	29.0	1096	49	1096.0	49.0	1.7

GOM15_72	243.1	0.94	1.8960	0.0360	0.1803	0.0042	0.5376	1079.0	13.0	1068.0	23.0	1110	44	1110.0	44.0	3.8
GOM15_106	558	1.16	1.9270	0.0240	0.1837	0.0023	0.8712	1091.2	7.9	1087.0	13.0	1110	14	1110.0	14.0	2.1
GOM15_113	475	1.60	1.8560	0.0560	0.1770	0.0100	0.2644	1065.0	20.0	1051.0	55.0	1110	110	1110.0	110.0	5.3
GOM15_66	328	1.85	1.9930	0.0410	0.1868	0.0047	0.6055	1112.0	14.0	1107.0	25.0	1113	43	1113.0	43.0	0.5
GOM15_69	431	1.35	1.9700	0.1700	0.1840	0.0140	0.8166	1102.0	58.0	1089.0	76.0	1116	98	1116.0	98.0	2.4
GOM15_37	313	1.73	2.0120	0.0600	0.1900	0.0052	0.8597	1119.0	21.0	1121.0	28.0	1122	31	1122.0	31.0	0.1
GOM15_63	34.7	0.78	1.8490	0.0760	0.1798	0.0047	0.3076	1061.0	27.0	1066.0	26.0	1125	88	1125.0	88.0	5.2
GOM15_13	125	0.76	2.0510	0.0520	0.1925	0.0049	0.6577	1136.0	18.0	1134.0	27.0	1127	45	1127.0	45.0	0.6
GOM15_84	320	3.23	2.0770	0.0380	0.1928	0.0036	0.7471	1141.0	13.0	1136.0	19.0	1134	25	1134.0	25.0	0.2
GOM15_121	416	2.17	1.9690	0.0640	0.1822	0.0058	0.6865	1103.0	22.0	1078.0	31.0	1145	56	1145.0	56.0	5.9
GOM15_3	649	2.15	1.9630	0.0300	0.1813	0.0033	0.7321	1102.0	10.0	1074.0	18.0	1147	24	1147.0	24.0	6.4
GOM15_47	382	2.05	2.0640	0.0280	0.1913	0.0026	0.4256	1136.3	9.4	1128.0	14.0	1148	30	1148.0	30.0	1.7
GOM15_91	340	1.94	2.1100	0.0420	0.1954	0.0037	0.6901	1152.0	14.0	1150.0	20.0	1151	44	1151.0	44.0	0.1
GOM15_81	244	1.37	2.0990	0.0270	0.1939	0.0026	0.7010	1148.0	8.7	1142.0	14.0	1155	20	1155.0	20.0	1.1
GOM15_128	247	1.33	2.1800	0.0270	0.1984	0.0025	0.4858	1176.0	8.4	1167.0	13.0	1159	24	1159.0	24.0	0.7
GOM15_65	312	1.73	2.1540	0.0460	0.1990	0.0055	0.6631	1171.0	14.0	1169.0	30.0	1167	39	1167.0	39.0	0.2
GOM15_67	301.2	2.00	2.0830	0.0230	0.1905	0.0024	0.6620	1142.8	7.7	1124.0	13.0	1169	23	1169.0	23.0	3.8
GOM15_77	475	2.14	2.0580	0.0350	0.1870	0.0035	0.5995	1134.0	12.0	1105.0	19.0	1175	32	1175.0	32.0	6.0
GOM15_53	738	1.18	2.0360	0.0460	0.1849	0.0041	0.8002	1127.0	15.0	1093.0	22.0	1191	31	1191.0	31.0	8.2
GOM15_110	240.7	1.59	2.0150	0.0330	0.1828	0.0032	0.6734	1123.0	11.0	1082.0	17.0	1202	30	1202.0	30.0	10.0
GOM15_112	293.6	0.48	2.1420	0.0460	0.1974	0.0056	0.7791	1173.0	18.0	1161.0	30.0	1202	39	1202.0	39.0	3.4
GOM15_111	227	1.53	2.1860	0.0480	0.1993	0.0036	0.6144	1176.0	15.0	1172.0	19.0	1203	35	1203.0	35.0	2.6
GOM15_25	111.2	1.68	2.2660	0.0500	0.2047	0.0042	0.5267	1200.0	15.0	1200.0	22.0	1212	42	1212.0	42.0	1.0
GOM15_54	152	1.38	2.1330	0.0480	0.1936	0.0041	0.6267	1158.0	16.0	1141.0	22.0	1215	34	1215.0	34.0	6.1
GOM15_107	212	2.26	2.3460	0.0370	0.2114	0.0035	0.5939	1228.0	12.0	1239.0	18.0	1218	26	1218.0	26.0	1.7
GOM15_21	255.6	1.33	2.2470	0.0270	0.2020	0.0026	0.5992	1195.4	8.4	1186.0	14.0	1222	21	1222.0	21.0	2.9
GOM15_32	222	1.83	2.2450	0.0410	0.2021	0.0036	0.7308	1197.0	13.0	1186.0	19.0	1227	29	1227.0	29.0	3.3
GOM15_80	354	1.79	2.3360	0.0310	0.2062	0.0029	0.6389	1222.7	9.3	1208.0	16.0	1235	22	1235.0	22.0	2.2
GOM15_49	1181	1.64	2.2570	0.0240	0.1993	0.0024	0.6531	1198.5	7.5	1172.0	13.0	1241	17	1241.0	17.0	5.6
GOM15_93	363	1.82	2.2480	0.0410	0.1977	0.0030	0.7016	1197.0	13.0	1163.0	16.0	1254	25	1254.0	25.0	7.3
GOM15_76	149.1	0.55	2.3370	0.0640	0.2045	0.0050	0.6127	1222.0	19.0	1199.0	27.0	1256	45	1256.0	45.0	4.5
GOM15_9	485	4.68	2.3730	0.0360	0.2070	0.0031	0.6609	1234.0	11.0	1212.0	17.0	1261	23	1261.0	23.0	3.9
GOM15_68	406	2.06	2.3890	0.0270	0.2087	0.0026	0.5246	1240.3	8.4	1222.0	14.0	1276	23	1276.0	23.0	4.2
GOM15_86	400	5.05	2.4930	0.0630	0.2138	0.0051	0.7905	1267.0	18.0	1252.0	28.0	1283	25	1283.0	25.0	2.4
GOM15_118	397	1.62	2.6140	0.0460	0.2242	0.0044	0.8186	1306.0	13.0	1303.0	23.0	1304	23	1304.0	23.0	0.1
GOM15_52	92.8	1.41	2.9000	0.1400	0.2419	0.0082	0.4706	1380.0	36.0	1396.0	42.0	1345	66	1345.0	66.0	3.8
GOM15_103	123.7	0.95	2.5870	0.0680	0.2166	0.0051	0.5048	1296.0	19.0	1263.0	27.0	1350	50	1350.0	50.0	6.4
GOM15_2	184	1.31	2.7680	0.0840	0.2259	0.0071	0.2423	1345.0	23.0	1312.0	37.0	1369	52	1369.0	52.0	4.2
GOM15_29	96.3	1.70	2.8020	0.0490	0.2322	0.0048	0.5727	1355.0	13.0	1345.0	25.0	1373	32	1373.0	32.0	2.0
GOM15_39	501	4.09	2.7840	0.0530	0.2284	0.0054	0.7429	1353.0	14.0	1325.0	28.0	1388	34	1388.0	34.0	4.5
GOM15_55	867	36.00	2.8800	0.1300	0.2287	0.0087	0.8247	1379.0	32.0	1338.0	50.0	1423	52	1423.0	52.0	6.0
GOM15_58	270	1.35	3.1250	0.0390	0.2503	0.0036	0.5162	1438.3	9.6	1440.0	19.0	1439	24	1439.0	24.0	0.1
GOM15_90	977	1.06	2.9390	0.0250	0.2324	0.0024	0.3336	1392.0	6.5	1347.0	13.0	1440	27	1440.0	27.0	6.5
GOM15_75	260	1.48	3.1960	0.0570	0.2490	0.0052	0.6275	1454.0	14.0	1432.0	27.0	1442	31	1442.0	31.0	0.7
GOM15_23	124.1	1.44	2.9750	0.0640	0.2359	0.0056	0.4502	1400.0	16.0	1365.0	29.0	1444	50	1444.0	50.0	5.5
GOM15_41	321	1.67	3.0110	0.0560	0.2376	0.0056	0.7963	1410.0	14.0	1373.0	29.0	1451	25	1451.0	25.0	5.4
GOM15_27	446	1.02	3.0210	0.0380	0.2409	0.0034	0.6415	1412.2	9.4	1391.0	17.0	1458	23	1458.0	23.0	4.6
GOM15_64	348	1.32	3.0700	0.0600	0.2346	0.0043	0.4415	1424.0	15.0	1358.0	23.0	1486	37	1486.0	37.0	8.6
GOM15_71	224	1.62	3.2200	0.0710	0.2485	0.0057	0.7090	1461.0	17.0	1430.0	29.0	1494	34	1494.0	34.0	4.3
GOM15_83	817	3.09	3.2100	0.2900	0.2390	0.0190	0.8644	1459.0	70.0	1381.0	98.0	1585	64	1585.0	64.0	12.9
GOM15_95	96	1.15	3.8440	0.0750	0.2740	0.0063	0.6043	1601.0	16.0	1560.0	32.0	1637	37	1637.0	37.0	4.7
GOM15_5	135.5	0.88	3.9620	0.0560	0.2817	0.0035	0.5169	1626.0	11.0	1600.0	18.0	1659	25	1659.0	25.0	3.6
GOM15_50	186	1.21	4.2480	0.0630	0.2974	0.0052	0.6809	1683.0	12.0	1678.0	26.0	1676	26	1676.0	26.0	0.1
GOM15_10	140.6	0.85	4.0840	0.0630	0.2872	0.0047	0.6888	1652.0	12.0	1627.0	23.0	1685	23	1685.0	23.0	3.4
GOM15_14	206	1.04	4.5030	0.0970	0.3055	0.0080	0.7863	1729.0	18.0	1723.0	40.0	1732	32	1732.0	32.0	0.5
GOM15_20	339	1.02	4.6350	0.0940	0.3114	0.0077	0.6388	1755.0	17.0	1747.0	38.0	1764	38	1764.0	38.0	1.0
GOM15_82	235.6	1.63	4.6520	0.0680	0.3077	0.0062	0.6444	1758.0	12.0	1729.0	30.0	1772	29	1772.0	29.0	2.4
GOM15_108	599	2.37	4.7700	0.1100	0.3111	0.0066	0.7201	1780.0	18.0	1744.0	32.0	1791	29	1791.0	29.0	2.6
GOM15_22	141.6	0.69	4.4600	0.1600	0.2940	0.0110	0.8034	1727.0	31.0	1668.0	58.0	1812	38	1812.0	38.0	7.9
GOM15_62	159.3	1.09	4.9060	0.0740	0.3170	0.0054	0.5886	1804.0	12.0	1774.0	26.0	1838	26	1838.0	26.0	3.5

GOM15_96	254.1	2.75	4.6100	0.0550	0.2989	0.0038	0.4928	1750.9	9.9	1686.0	19.0	1842	20	1842.0	20.0	8.5
GOM15_38	222.9	0.89	4.8000	0.0690	0.3101	0.0052	0.5875	1784.0	12.0	1741.0	26.0	1843	26	1843.0	26.0	5.5
GOM15_102	451.7	1.25	21.3300	0.3300	0.5910	0.0120	0.6511	3153.0	15.0	2993.0	48.0	3254	23	3254.0	23.0	8.0

Sample:GOM16	Isotopic Ratios							Isotopic ages (Ma)								
Analysis	[U] ppm	U/Th	207/235	2σ err.	206/238	2σ err.	RHO	207/235	2σ err.	206/238	2σ err.	207/206	2σ err.	Best age	2σ err.	% Dis.
GOM16_51	247	0.75	0.0878	0.0035	0.0133	0.0004	0.2669	85.4	3.3	84.9	2.2	100	81	84.9	2.2	0.6
GOM16_71	291	11.12	0.3543	0.0052	0.0476	0.0006	0.1672	307.8	3.9	299.9	3.6	361	42	299.9	3.6	2.6
GOM16_32	241.9	9.49	0.3576	0.0063	0.0491	0.0006	0.1126	310.2	4.7	308.8	3.4	315	45	308.8	3.4	0.5
GOM16_48	263	0.86	0.3843	0.0064	0.0519	0.0005	0.0992	330.0	4.7	326.4	3.3	356	39	326.4	3.3	1.1
GOM16_116	450	6.34	0.3899	0.0056	0.0534	0.0006	0.4104	334.2	4.1	335.4	3.4	326	31	335.4	3.4	0.4
GOM16_87	573	52.00	0.4040	0.0360	0.0540	0.0024	0.9312	344.0	26.0	339.0	15.0	325	83	339.0	15.0	1.5
GOM16_62	238.4	12.25	0.4320	0.0062	0.0585	0.0007	0.2807	364.4	4.4	366.5	4.2	363	38	366.5	4.2	0.6
GOM16_102	151	1.95	0.4510	0.0150	0.0603	0.0014	0.7158	377.0	10.0	377.3	8.6	401	47	377.3	8.6	0.1
GOM16_42	127.1	3.78	0.5100	0.0120	0.0660	0.0010	0.2691	418.0	8.0	412.1	5.8	456	47	412.1	5.8	1.4
GOM16_94	85.4	0.88	0.4970	0.0140	0.0662	0.0013	0.0791	408.7	9.9	413.3	7.6	399	70	413.3	7.6	1.1
GOM16_26	173.9	1.24	0.5250	0.0200	0.0680	0.0015	0.5048	428.0	13.0	423.8	9.2	440	56	423.8	9.2	1.0
GOM16_22	119	0.87	0.5170	0.0110	0.0681	0.0011	0.0798	422.9	7.4	424.7	6.8	421	56	424.7	6.8	0.4
GOM16_43	507	0.92	0.5260	0.0071	0.0684	0.0006	0.4845	428.9	4.7	426.7	3.5	456	27	426.7	3.5	0.5
GOM16_7	296	3.01	0.5260	0.0200	0.0688	0.0021	0.8659	429.0	13.0	429.0	13.0	442	34	429.0	13.0	0.0
GOM16_38	60	1.30	0.5290	0.0200	0.0696	0.0014	0.4182	430.0	13.0	433.4	8.4	420	74	433.4	8.4	0.8
GOM16_6	97	1.30	0.5350	0.0140	0.0697	0.0011	0.3931	434.5	9.5	434.2	6.6	412	58	434.2	6.6	0.1
GOM16_65	594	1.03	0.5369	0.0063	0.0697	0.0007	0.5804	437.1	4.4	434.6	4.4	444	23	434.6	4.4	0.6
GOM16_113	21.76	1.50	0.5500	0.0460	0.0718	0.0044	0.1442	443.0	30.0	447.0	26.0	430	210	447.0	26.0	0.9
GOM16_100	131.2	1.39	0.5660	0.0120	0.0732	0.0009	0.1520	455.1	7.7	455.1	5.1	466	50	455.1	5.1	0.0
GOM16_54	353.4	14.03	0.5704	0.0084	0.0734	0.0007	0.3886	458.0	5.4	456.7	3.9	474	30	456.7	3.9	0.3
GOM16_30	170.3	0.63	0.5650	0.0120	0.0739	0.0018	0.1485	454.5	7.8	459.0	11.0	467	78	459.0	11.0	1.0
GOM16_23	49	0.66	0.6180	0.0200	0.0797	0.0017	0.0917	489.0	12.0	494.0	10.0	459	83	494.0	10.0	1.0
GOM16_85	649	32.00	0.6740	0.0660	0.0835	0.0058	0.9261	521.0	40.0	517.0	34.0	551	99	517.0	34.0	0.8
GOM16_97	272	1.32	0.8650	0.0140	0.1032	0.0009	0.5055	632.2	7.7	633.1	5.4	655	32	633.1	5.4	0.1
GOM16_66	253.3	1.44	1.0200	0.0140	0.1150	0.0014	0.6781	714.6	7.3	701.4	8.2	740	28	701.4	8.2	1.8
GOM16_25	46	2.57	1.0970	0.0400	0.1224	0.0029	0.5788	754.0	19.0	744.0	17.0	788	55	744.0	17.0	1.3
GOM16_101	14	0.73	1.4740	0.0590	0.1486	0.0047	0.5440	924.0	26.0	892.0	27.0	980	71	892.0	27.0	3.5
GOM16_110	15.22	1.33	1.4440	0.0610	0.1511	0.0045	0.1568	904.0	26.0	907.0	25.0	910	120	907.0	25.0	0.3
GOM16_15	45	5.90	1.4900	0.0390	0.1515	0.0031	0.1868	924.0	16.0	912.0	18.0	969	54	912.0	18.0	1.3
GOM16_11	51.2	1.27	1.4990	0.0320	0.1525	0.0022	0.0979	929.0	13.0	915.0	12.0	971	55	915.0	12.0	1.5
GOM16_123	238.7	3.88	1.6040	0.0280	0.1528	0.0030	0.6999	971.0	11.0	916.0	17.0	1084	27	916.0	17.0	5.7
GOM16_8	48.02	0.94	1.5350	0.0580	0.1530	0.0040	0.0500	943.0	23.0	917.0	23.0	990	120	917.0	23.0	2.8
GOM16_64	140.1	0.52	1.5910	0.0220	0.1561	0.0016	0.5266	966.3	8.6	935.1	9.1	1015	30	935.1	9.1	3.2
GOM16_10	82	1.38	1.5760	0.0270	0.1573	0.0015	0.2765	960.0	11.0	941.7	8.2	993	37	941.7	8.2	1.9
GOM16_44	113.7	1.52	1.5390	0.0240	0.1583	0.0014	0.0926	945.3	9.5	947.2	7.7	965	35	947.2	7.7	0.2
GOM16_63	66.1	0.66	1.5730	0.0290	0.1585	0.0018	0.1474	958.0	11.0	948.0	10.0	987	43	948.0	10.0	1.0
GOM16_53	39.7	1.43	1.5570	0.0760	0.1587	0.0095	0.0320	952.0	30.0	949.0	53.0	910	180	949.0	53.0	0.3
GOM16_37	34.14	0.71	1.6040	0.0650	0.1589	0.0040	0.0340	980.0	25.0	950.0	22.0	1044	98	950.0	22.0	3.1
GOM16_57	28.6	1.29	1.5950	0.0460	0.1593	0.0030	0.2575	966.0	18.0	952.0	16.0	1007	60	952.0	16.0	1.4
GOM16_92	62.1	0.81	1.5880	0.0280	0.1603	0.0024	0.1771	966.0	11.0	958.0	13.0	997	37	958.0	13.0	0.8
GOM16_58	74.7	2.12	1.6100	0.0210	0.1605	0.0018	0.2809	973.6	8.1	959.6	9.9	1010	34	959.6	9.9	1.4
GOM16_52	56.1	1.59	1.6510	0.0260	0.1611	0.0020	0.3136	990.0	10.0	963.0	11.0	1049	34	963.0	11.0	2.7
GOM16_19	42.2	1.15	1.6110	0.0320	0.1620	0.0020	0.3277	977.0	13.0	968.0	11.0	994	42	968.0	11.0	0.9
GOM16_49	57.2	1.64	1.6270	0.0300	0.1627	0.0022	0.4049	979.0	12.0	971.0	12.0	1013	36	971.0	12.0	0.8
GOM16_73	239	1.26	1.6420	0.0200	0.1626	0.0012	0.1821	987.5	7.4	971.3	6.8	1012	27	971.3	6.8	1.6
GOM16_35	12.77	1.73	1.5940	0.0600	0.1631	0.0039	0.0742	972.0	23.0	973.0	21.0	937	88	973.0	21.0	0.1
GOM16_112	34.5	2.03	1.6070	0.0430	0.1628	0.0023	0.0903	973.0	17.0	974.0	13.0	969	57	974.0	13.0	0.1
GOM16_115	161	1.28	1.6370	0.0180	0.1632	0.0018	0.3910	985.1	6.8	974.7	9.8	1011	27	974.7	9.8	1.1
GOM16_4	116.5	2.27	1.6890	0.0210	0.1645	0.0018	0.2957	1003.8	8.0	982.0	10.0	1056	29	982.0	10.0	2.2
GOM16_87	228	2.40	1.6610	0.0180	0.1653	0.0016	0.3316	993.5	6.8	986.3	9.0	1027	25	986.3	9.0	0.7
GOM16_2	196.9	1.88	1.6910	0.0160	0.1660	0.0016	0.5815	1005.7	6.0	990.0	8.7	1041	15	990.0	8.7	1.6
GOM16_45	479	3.45	1.6860	0.0150	0.1662	0.0012	0.7140	1003.1	5.5	990.9	6.6	1038	14	990.9	6.6	1.2
GOM16_3	34.4	1.25	1.6650	0.0380	0.1674	0.0029	0.2818	996.0	14.0	997.0	16.0	1008	56	997.0	16.0	0.1

GOM16_109	88.2	0.94	1.6970	0.0250	0.1682	0.0017	0.3264	1007.9	9.5	1001.8	9.6	1007	32	1007.0	32.0	0.5
GOM16_76	141	1.83	1.7550	0.0210	0.1740	0.0017	0.3871	1029.5	7.9	1034.2	9.4	1013	23	1013.0	23.0	2.1
GOM16_95	314	1.55	1.6990	0.0200	0.1698	0.0018	0.5565	1007.8	7.3	1011.0	10.0	1017	20	1017.0	20.0	0.6
GOM16_17	197	2.77	1.7250	0.0180	0.1696	0.0020	0.0707	1018.5	6.8	1010.0	11.0	1026	21	1026.0	21.0	1.6
GOM16_72	118.1	3.32	1.7510	0.0240	0.1713	0.0017	0.3641	1027.0	8.7	1020.1	9.8	1028	30	1028.0	30.0	0.8
GOM16_5	116	1.68	1.7130	0.0240	0.1685	0.0017	0.6155	1014.2	9.4	1003.8	9.2	1029	27	1029.0	27.0	2.4
GOM16_93	190	1.28	1.7480	0.0180	0.1733	0.0013	0.1602	1026.9	6.7	1030.4	7.2	1029	26	1029.0	26.0	0.1
GOM16_46	70.7	1.30	1.7140	0.0330	0.1697	0.0022	0.2402	1013.0	12.0	1010.0	12.0	1032	38	1032.0	38.0	2.1
GOM16_20	256	3.19	1.7190	0.0120	0.1693	0.0010	0.1833	1015.5	4.5	1008.3	5.7	1035	16	1035.0	16.0	2.6
GOM16_67	167.7	1.78	1.7970	0.0190	0.1770	0.0015	0.2870	1044.0	6.8	1050.2	8.0	1036	24	1036.0	24.0	1.4
GOM16_119	105.9	1.67	1.7580	0.0250	0.1726	0.0016	0.3454	1029.3	9.2	1026.2	9.0	1036	30	1036.0	30.0	0.9
GOM16_13	320	2.01	1.7160	0.0170	0.1682	0.0017	0.5185	1014.4	6.2	1001.8	9.5	1043	20	1043.0	20.0	4.0
GOM16_74	230	6.64	1.8170	0.0290	0.1774	0.0019	0.7412	1051.0	10.0	1053.0	10.0	1044	20	1044.0	20.0	0.9
GOM16_114	458	1.27	1.8100	0.0120	0.1771	0.0009	0.3503	1049.0	4.2	1051.0	5.0	1045	14	1045.0	14.0	0.6
GOM16_55	215.4	2.07	1.8130	0.0180	0.1777	0.0013	0.2306	1049.8	6.4	1054.5	7.2	1046	23	1046.0	23.0	0.8
GOM16_84	102.8	2.33	1.7220	0.0240	0.1679	0.0017	0.3560	1015.9	9.0	1001.4	9.4	1051	29	1051.0	29.0	4.7
GOM16_18	395	2.66	1.7660	0.0140	0.1717	0.0014	0.4628	1032.8	5.1	1022.2	7.4	1052	16	1052.0	16.0	2.8
GOM16_85	109.8	1.01	1.7730	0.0300	0.1734	0.0021	0.2809	1037.0	11.0	1031.0	12.0	1052	29	1052.0	29.0	2.0
GOM16_128	165	1.89	1.7720	0.0180	0.1710	0.0015	0.1325	1034.7	6.7	1017.7	8.0	1052	23	1052.0	23.0	3.3
GOM16_39	175	1.33	1.8040	0.0260	0.1750	0.0019	0.5641	1046.1	9.2	1039.0	10.0	1064	23	1064.0	23.0	2.3
GOM16_125	69	1.35	1.8360	0.0270	0.1753	0.0018	0.1183	1057.6	9.5	1041.0	10.0	1068	34	1068.0	34.0	2.5
GOM16_60	179	9.40	1.7800	0.0350	0.1720	0.0026	0.7374	1037.0	13.0	1023.0	14.0	1074	24	1074.0	24.0	4.7
GOM16_111	138	1.13	1.8680	0.0280	0.1787	0.0022	0.2559	1068.8	9.8	1060.0	12.0	1079	32	1079.0	32.0	1.8
GOM16_12	29.4	1.15	1.7480	0.0590	0.1683	0.0042	0.4453	1024.0	22.0	1002.0	23.0	1084	65	1084.0	65.0	7.6
GOM16_14	363	13.50	1.7700	0.0570	0.1690	0.0044	0.8170	1032.0	20.0	1006.0	24.0	1086	32	1086.0	32.0	7.4
GOM16_86	39.8	1.13	1.7700	0.0390	0.1709	0.0028	0.1851	1038.0	14.0	1019.0	16.0	1087	49	1087.0	49.0	6.3
GOM16_90	485	6.18	1.7730	0.0180	0.1700	0.0017	0.7016	1036.0	6.6	1012.2	9.1	1092	16	1092.0	16.0	7.3
GOM16_121	103	1.75	2.0230	0.0360	0.1906	0.0027	0.6832	1122.0	12.0	1124.0	14.0	1105	24	1105.0	24.0	1.7
GOM16_27	126	0.99	1.9070	0.0230	0.1803	0.0018	0.2902	1084.1	8.0	1068.3	9.7	1109	26	1109.0	26.0	3.7
GOM16_9	114	1.85	1.9860	0.0210	0.1893	0.0019	0.3223	1112.3	7.5	1117.0	10.0	1110	23	1110.0	23.0	0.6
GOM16_24	250	3.02	1.9690	0.0380	0.1862	0.0025	0.7571	1107.0	13.0	1101.0	14.0	1117	23	1117.0	23.0	1.4
GOM16_70	39.8	2.71	2.0340	0.0550	0.1930	0.0034	0.3016	1127.0	19.0	1137.0	18.0	1127	57	1127.0	57.0	0.9
GOM16_41	143	1.72	1.9560	0.0220	0.1837	0.0016	0.3311	1101.2	7.8	1087.3	8.9	1128	23	1128.0	23.0	3.6
GOM16_79	120.7	2.24	1.9610	0.0260	0.1845	0.0021	0.4250	1101.6	8.9	1091.0	12.0	1137	28	1137.0	28.0	4.0
GOM16_118	46.2	1.90	2.0760	0.0340	0.1933	0.0026	0.5254	1140.0	11.0	1139.0	14.0	1141	31	1141.0	31.0	0.2
GOM16_1	33.7	0.40	1.9220	0.0410	0.1782	0.0025	0.3828	1087.0	14.0	1057.0	13.0	1143	42	1143.0	42.0	7.5
GOM16_40	27.64	1.66	1.9290	0.0440	0.1785	0.0033	0.2899	1089.0	15.0	1059.0	18.0	1143	49	1143.0	49.0	7.3
GOM16_75	30.6	2.44	1.9360	0.0660	0.1820	0.0053	0.7680	1089.0	22.0	1077.0	29.0	1144	47	1144.0	47.0	5.9
GOM16_82	406	1.59	1.9160	0.0250	0.1781	0.0022	0.7024	1086.3	8.6	1057.0	12.0	1153	18	1153.0	18.0	8.3
GOM16_103	173	2.07	2.1200	0.0230	0.1971	0.0015	0.4702	1155.7	7.6	1159.4	8.0	1154	22	1154.0	22.0	0.5
GOM16_83	260	1.10	2.0570	0.0210	0.1915	0.0018	0.4442	1134.2	7.1	1129.3	9.8	1156	19	1156.0	19.0	2.3
GOM16_105	26.3	0.69	2.1500	0.0590	0.1998	0.0031	0.3071	1162.0	19.0	1174.0	17.0	1157	52	1157.0	52.0	1.5
GOM16_78	122.8	1.28	2.0800	0.0300	0.1934	0.0019	0.3733	1141.6	9.7	1140.0	10.0	1158	27	1158.0	27.0	1.6
GOM16_47	218	1.84	1.9630	0.0280	0.1814	0.0023	0.7272	1102.3	9.6	1075.0	13.0	1159	20	1159.0	20.0	7.2
GOM16_21	199	2.78	2.1300	0.0210	0.1948	0.0017	0.4839	1158.2	6.7	1147.3	9.3	1165	18	1165.0	18.0	1.5
GOM16_122	131.2	1.60	2.0800	0.0210	0.1901	0.0016	0.4271	1141.7	7.1	1121.6	8.7	1166	21	1166.0	21.0	3.8
GOM16_106	69.3	1.20	2.0310	0.0340	0.1883	0.0026	0.2425	1125.0	11.0	1112.0	14.0	1178	36	1178.0	36.0	5.6
GOM16_107	37.6	0.76	2.1360	0.0400	0.1943	0.0026	0.0222	1161.0	13.0	1144.0	14.0	1179	45	1179.0	45.0	3.0
GOM16_126	15.07	1.29	2.2390	0.0920	0.2024	0.0053	0.3202	1192.0	28.0	1197.0	29.0	1185	83	1185.0	83.0	1.0
GOM16_108	223	1.17	2.2490	0.0370	0.2055	0.0029	0.8299	1198.0	12.0	1205.0	15.0	1192	27	1192.0	27.0	1.1
GOM16_16	328.1	2.31	2.1320	0.0170	0.1932	0.0011	0.4958	1159.9	5.2	1138.8	6.0	1193	15	1193.0	15.0	4.5
GOM16_99	149.1	4.69	2.2750	0.0360	0.2065	0.0033	0.8237	1204.0	11.0	1210.0	17.0	1200	21	1200.0	21.0	0.8
GOM16_91	38.3	2.30	2.0950	0.0610	0.1891	0.0061	0.6546	1147.0	21.0	1115.0	33.0	1202	53	1202.0	53.0	7.2
GOM16_31	54.9	1.29	2.1550	0.0380	0.1938	0.0029	0.1763	1167.0	12.0	1141.0	16.0	1203	42	1203.0	42.0	5.2
GOM16_34	143.1	1.12	1.9590	0.0640	0.1780	0.0032	0.3212	1101.0	22.0	1056.0	18.0	1204	66	1204.0	66.0	12.3
GOM16_68	91.1	1.45	2.3110	0.0350	0.2071	0.0023	0.1740	1215.0	11.0	1213.0	12.0	1213	37	1213.0	37.0	0.0
GOM16_80	310	0.83	2.1350	0.0290	0.1925	0.0017	0.6917	1159.9	9.5	1135.0	9.4	1213	19	1213.0	19.0	6.4
GOM16_96	49.3	1.47	2.2260	0.0350	0.2022	0.0025	0.2423	1190.0	11.0	1187.0	14.0	1214	36	1214.0	36.0	2.2
GOM16_89	57.4	2.49	2.1820	0.0310	0.1964	0.0027	0.2505	1174.0	10.0	1156.0	14.0	1223	33	1223.0	33.0	5.5
GOM16_81	113.8	1.58	2.3400	0.0260	0.2101	0.0019	0.3084	1226.3	7.5	1229.4	9.9	1224	23	1224.0	23.0	0.4

GOM16_104	160.8	4.12	2.3690	0.0290	0.2131	0.0021	0.4875	1232.6	8.7	1245.0	11.0	1224	21	1224.0	21.0	1.7
GOM16_50	172	2.39	2.2660	0.0280	0.2019	0.0020	0.4761	1201.1	8.7	1186.0	11.0	1234	23	1234.0	23.0	3.9
GOM16_28	120	1.35	2.2140	0.0310	0.1955	0.0023	0.4810	1184.9	9.9	1151.0	13.0	1250	29	1250.0	29.0	7.9
GOM16_88	70	1.53	2.2210	0.0460	0.1973	0.0033	0.3929	1188.0	15.0	1161.0	18.0	1252	40	1252.0	40.0	7.3
GOM16_69	131.1	1.47	2.3970	0.0410	0.2075	0.0032	0.5751	1243.0	13.0	1215.0	17.0	1284	32	1284.0	32.0	5.4
GOM16_127	83.3	0.48	2.6620	0.0380	0.2288	0.0026	0.2352	1317.0	11.0	1330.0	14.0	1285	30	1285.0	30.0	3.5
GOM16_116	146.3	2.66	2.3700	0.1500	0.2060	0.0094	0.7535	1229.0	46.0	1207.0	50.0	1302	61	1302.0	61.0	7.3
GOM16_36	95.3	1.99	2.2150	0.0590	0.1873	0.0037	0.7047	1185.0	19.0	1106.0	20.0	1355	48	1355.0	48.0	18.4
GOM16_59	127.9	1.80	2.8220	0.0270	0.2326	0.0020	0.4947	1361.0	7.0	1348.0	10.0	1383	18	1383.0	18.0	2.5
GOM16_120	14.5	0.63	3.0140	0.0780	0.2415	0.0052	0.2902	1410.0	20.0	1393.0	27.0	1438	56	1438.0	56.0	3.1
GOM16_33	165.8	1.65	3.1280	0.0390	0.2453	0.0025	0.6711	1438.8	9.6	1416.0	13.0	1477	18	1477.0	18.0	4.1
GOM16_124	155.8	0.71	3.2530	0.0300	0.2535	0.0021	0.5532	1469.4	7.2	1457.0	11.0	1479	17	1479.0	17.0	1.5

Sample:GOM17	Isotopic Ratios							Isotopic ages (Ma)								
Analysis	[U] ppm	U/Th	207/235	2σ err.	206/238	2σ err.	RHO	207/235	2σ err.	206/238	2σ err.	207/206	2σ err.	Best age	2σ err.	% Dis.
GOM17_11	449.1	1.86	0.0216	0.0011	0.0031	0.0001	0.0442	21.7	1.1	19.8	0.5	240	120	19.8	0.5	8.9
GOM17_70	139.5	1.11	0.2036	0.0077	0.0295	0.0007	0.3298	189.1	6.7	187.1	4.4	183	77	187.1	4.4	1.1
GOM17_63	197.5	31.20	0.3910	0.0170	0.0516	0.0037	0.6097	335.0	12.0	324.0	23.0	360	230	324.0	23.0	3.3
GOM17_85	598	16.60	0.3890	0.0300	0.0518	0.0010	0.0285	334.0	22.0	325.4	5.9	370	200	325.4	5.9	2.6
GOM17_114	369	97.00	0.3860	0.0140	0.0520	0.0010	0.6291	331.0	10.0	326.7	6.1	349	70	326.7	6.1	1.3
GOM17_84	318	6.07	0.3870	0.0150	0.0523	0.0008	0.0047	332.0	11.0	328.3	4.7	326	98	328.3	4.7	1.1
GOM17_107	326.3	47.00	0.4460	0.0460	0.0555	0.0040	0.8707	373.0	32.0	348.0	24.0	490	120	348.0	24.0	6.7
GOM17_115	71.7	1.52	0.4210	0.0130	0.0557	0.0009	0.0307	356.4	9.5	349.5	5.6	365	81	349.5	5.6	1.9
GOM17_92	135.6	0.60	0.4190	0.0120	0.0563	0.0010	0.5095	355.1	8.3	352.8	6.1	369	54	352.8	6.1	0.6
GOM17_41	344.5	3.05	0.4193	0.0056	0.0565	0.0006	0.3856	356.0	3.9	354.3	3.7	350	26	354.3	3.7	0.5
GOM17_64	1030	238.40	0.4260	0.0051	0.0569	0.0006	0.5756	360.2	3.7	356.7	3.9	367	24	356.7	3.9	1.0
GOM17_71	139	3.53	0.4196	0.0084	0.0569	0.0006	0.0868	355.5	6.0	356.8	3.8	346	55	356.8	3.8	0.4
GOM17_12	89.5	1.03	0.4170	0.0097	0.0571	0.0009	0.2615	354.6	7.2	357.6	5.3	337	52	357.6	5.3	0.8
GOM17_111	193.4	3.75	0.4190	0.0078	0.0571	0.0006	0.1685	355.9	5.4	357.7	3.5	352	42	357.7	3.5	0.5
GOM17_65	133.6	1.01	0.4200	0.0110	0.0575	0.0010	0.2318	355.5	7.6	360.1	5.8	341	61	360.1	5.8	1.3
GOM17_30	343	18.60	0.4370	0.0210	0.0576	0.0025	0.2694	368.0	15.0	361.0	15.0	370	130	361.0	15.0	1.9
GOM17_7	482	8.82	0.4336	0.0043	0.0577	0.0005	0.4121	365.6	3.0	361.3	3.2	382	23	361.3	3.2	1.2
GOM17_118	167.7	22.70	0.4590	0.0530	0.0599	0.0045	0.9010	382.0	37.0	375.0	27.0	410	130	375.0	27.0	1.8
GOM17_52	219	68.40	0.4750	0.0130	0.0627	0.0011	0.5750	394.7	9.0	392.1	6.8	406	64	392.1	6.8	0.7
GOM17_60	163	2.62	0.4850	0.0130	0.0637	0.0014	0.5683	400.9	8.9	397.8	8.7	435	46	397.8	8.7	0.8
GOM17_103	22.15	0.51	0.4920	0.0340	0.0641	0.0037	0.0772	404.0	23.0	400.0	22.0	430	170	400.0	22.0	1.0
GOM17_44	78.6	0.62	0.5000	0.0120	0.0653	0.0009	0.1067	412.1	8.5	407.6	5.5	411	65	407.6	5.5	1.1
GOM17_87	222	7.20	0.5170	0.0150	0.0685	0.0018	0.7495	422.0	10.0	427.0	11.0	403	35	427.0	11.0	1.2
GOM17_22	122.8	0.71	0.5340	0.0086	0.0687	0.0008	0.0114	434.2	5.7	428.1	5.1	460	46	428.1	5.1	1.4
GOM17_10	81.1	1.22	0.5300	0.0210	0.0694	0.0015	0.2480	431.0	14.0	432.2	9.0	410	100	432.2	9.0	0.3
GOM17_50	65.3	0.95	0.5410	0.0280	0.0695	0.0018	0.1733	438.0	18.0	433.0	11.0	440	140	433.0	11.0	1.1
GOM17_53	329.9	11.31	0.5420	0.0110	0.0698	0.0012	0.1266	439.9	7.3	434.9	7.0	473	76	434.9	7.0	1.1
GOM17_9	251	1.24	0.5410	0.0120	0.0699	0.0013	0.6189	439.1	7.8	435.7	7.8	454	42	435.7	7.8	0.8
GOM17_76	395	0.97	0.5407	0.0072	0.0703	0.0007	0.3702	438.7	4.8	438.1	3.9	430	33	438.1	3.9	0.1
GOM17_67	215	1.05	0.5458	0.0090	0.0706	0.0010	0.2631	441.9	5.9	440.0	6.0	466	39	440.0	6.0	0.4
GOM17_17	189	0.86	0.5481	0.0081	0.0713	0.0007	0.1859	443.5	5.3	443.8	4.2	450	37	443.8	4.2	0.1
GOM17_105	387	2.31	0.5560	0.0120	0.0714	0.0008	0.0518	448.4	7.7	444.7	4.9	463	51	444.7	4.9	0.8
GOM17_91	455	11.50	0.5510	0.0150	0.0718	0.0029	0.6806	445.7	9.8	447.0	17.0	482	58	447.0	17.0	0.3
GOM17_82	689	51.40	0.5700	0.0330	0.0721	0.0022	0.1517	458.0	21.0	449.0	13.0	450	130	449.0	13.0	2.0
GOM17_61	80.4	0.50	0.5570	0.0140	0.0723	0.0010	0.1477	448.8	9.2	449.7	6.0	449	67	449.7	6.0	0.2
GOM17_46	152	1.77	0.5680	0.0130	0.0726	0.0012	0.4070	456.3	8.2	451.9	7.3	481	44	451.9	7.3	1.0
GOM17_57	61.7	2.59	0.5630	0.0170	0.0732	0.0011	0.1960	454.0	10.0	455.4	6.8	452	69	455.4	6.8	0.3
GOM17_77	55.4	3.14	0.5700	0.0160	0.0734	0.0013	0.1756	459.0	10.0	456.4	8.0	461	71	456.4	8.0	0.6
GOM17_3	222.9	23.90	0.5850	0.0200	0.0742	0.0016	0.0473	470.0	13.0	461.4	9.8	482	65	461.4	9.8	1.8
GOM17_120	141.1	1.81	0.5720	0.0110	0.0747	0.0010	0.3785	460.1	7.6	464.4	6.1	439	42	464.4	6.1	0.9
GOM17_37	183.7	2.18	0.5870	0.0280	0.0750	0.0020	0.2586	468.0	18.0	466.0	12.0	434	95	466.0	12.0	0.4
GOM17_100	296	45.10	0.6090	0.0140	0.0772	0.0019	0.2957	482.6	8.9	480.0	11.0	454	52	480.0	11.0	0.5
GOM17_94	466	31.50	0.6390	0.0290	0.0805	0.0047	0.7587	501.0	18.0	499.0	28.0	528	92	499.0	28.0	0.4
GOM17_93	690	31.50	0.6700	0.1000	0.0811	0.0073	0.9555	519.0	60.0	502.0	44.0	540	140	502.0	44.0	3.3

GOM17_27	960	31.50	0.6580	0.0320	0.0811	0.0038	0.9109	513.0	19.0	503.0	23.0	527	33	503.0	23.0	1.9
GOM17_124	451	24.20	0.6640	0.0330	0.0828	0.0041	0.7763	517.0	20.0	513.0	24.0	560	130	513.0	24.0	0.8
GOM17_99	811	12.20	0.6840	0.0160	0.0835	0.0014	0.5342	529.1	9.8	517.1	8.6	523	81	517.1	8.6	2.3
GOM17_119	145.1	0.61	0.6880	0.0120	0.0850	0.0009	0.1554	530.9	7.0	525.9	5.6	541	41	525.9	5.6	0.9
GOM17_13	86	0.83	0.7310	0.0240	0.0873	0.0013	0.4924	556.0	14.0	539.4	7.7	596	54	539.4	7.7	3.0
GOM17_75	108.1	0.97	0.8070	0.0200	0.0983	0.0015	0.0634	602.0	11.0	604.7	8.6	580	57	604.7	8.6	0.4
GOM17_91	38	0.93	1.3300	0.0990	0.1423	0.0030	0.1296	857.0	44.0	858.0	17.0	880	130	858.0	17.0	0.1
GOM17_47	16.77	0.87	1.6240	0.0590	0.1660	0.0039	0.2639	980.0	22.0	990.0	21.0	929	77	990.0	21.0	1.0
GOM17_19	33.8	1.03	1.5510	0.0400	0.1607	0.0026	0.2497	954.0	16.0	961.0	14.0	932	59	961.0	14.0	0.7
GOM17_21	49.7	1.42	1.5240	0.0470	0.1543	0.0035	0.1381	939.0	19.0	925.0	19.0	944	61	925.0	19.0	1.5
GOM17_101	100.7	1.33	1.6120	0.0250	0.1620	0.0017	0.3872	974.3	9.5	967.8	9.3	985	29	967.8	9.3	0.7
GOM17_74	72.6	1.14	1.6150	0.0200	0.1647	0.0017	0.1959	975.7	7.7	982.6	9.3	987	35	982.6	9.3	0.7
GOM17_6	56.6	1.33	1.6280	0.0280	0.1632	0.0022	0.0910	983.0	11.0	974.0	12.0	989	45	974.0	12.0	0.9
GOM17_25	199	2.50	1.5170	0.0310	0.1519	0.0030	0.5891	940.0	13.0	911.0	17.0	996	31	911.0	17.0	3.1
GOM17_81	48.1	2.13	1.5850	0.0290	0.1599	0.0022	0.2806	963.0	11.0	956.0	12.0	1003	39	956.0	12.0	0.7
GOM17_78	158	2.01	1.6910	0.0170	0.1691	0.0016	0.3179	1005.7	6.4	1006.9	8.9	1007	22	1007.0	22.0	0.0
GOM17_106	62.1	1.60	1.7190	0.0310	0.1703	0.0020	0.4074	1016.0	11.0	1014.0	11.0	1012	32	1012.0	32.0	0.2
GOM17_109	28.6	1.52	1.7230	0.0400	0.1725	0.0032	0.2618	1015.0	15.0	1028.0	18.0	1012	50	1012.0	50.0	1.6
GOM17_40	33.3	2.27	1.5930	0.0390	0.1580	0.0028	0.3020	966.0	15.0	945.0	16.0	1018	49	945.0	16.0	2.2
GOM17_117	93.8	6.95	1.7440	0.0300	0.1741	0.0024	0.6838	1024.0	11.0	1035.0	13.0	1020	28	1020.0	28.0	1.5
GOM17_79	156.2	1.66	1.7440	0.0160	0.1720	0.0013	0.2307	1024.7	6.1	1023.2	7.4	1027	24	1027.0	24.0	0.4
GOM17_5	73.6	2.45	1.6640	0.0350	0.1636	0.0019	0.4719	993.0	13.0	976.0	11.0	1033	40	976.0	11.0	1.7
GOM17_24	188	2.17	1.7270	0.0220	0.1711	0.0020	0.5704	1019.2	7.9	1019.0	11.0	1033	22	1033.0	22.0	1.4
GOM17_27	193	1.68	1.7230	0.0270	0.1701	0.0023	0.7003	1017.7	9.7	1012.0	13.0	1034	26	1034.0	26.0	2.1
GOM17_16	128.7	1.91	1.6620	0.0240	0.1642	0.0021	0.6331	994.6	8.8	980.0	12.0	1035	22	980.0	12.0	1.5
GOM17_29	436	1.82	1.7280	0.0170	0.1696	0.0015	0.5696	1018.7	6.4	1009.8	8.1	1038	16	1038.0	16.0	2.7
GOM17_28	110.5	0.69	1.7800	0.0230	0.1739	0.0015	0.1902	1037.7	8.2	1033.3	8.1	1045	29	1045.0	29.0	1.1
GOM17_95	70.9	2.48	1.7820	0.0310	0.1744	0.0025	0.5492	1039.0	11.0	1036.0	13.0	1045	33	1045.0	33.0	0.9
GOM17_110	172	1.84	1.7440	0.0230	0.1723	0.0021	0.5884	1024.5	8.7	1025.0	12.0	1045	25	1045.0	25.0	1.9
GOM17_51	186	3.25	1.7710	0.0170	0.1741	0.0016	0.4132	1035.5	6.1	1034.6	8.7	1046	19	1046.0	19.0	1.1
GOM17_118	171.6	1.69	1.7720	0.0250	0.1733	0.0021	0.6206	1034.9	9.0	1030.0	12.0	1047	25	1047.0	25.0	1.6
GOM17_43	127.2	1.86	1.7820	0.0230	0.1738	0.0018	0.4424	1040.7	8.2	1032.7	9.9	1050	26	1050.0	26.0	1.6
GOM17_31	152.8	2.41	1.7660	0.0250	0.1724	0.0024	0.5841	1033.4	9.3	1025.0	13.0	1051	25	1051.0	25.0	2.5
GOM17_66	393	5.52	1.7310	0.0160	0.1706	0.0015	0.6379	1019.7	5.9	1015.5	8.4	1051	16	1051.0	16.0	3.4
GOM17_32	216	1.66	1.7930	0.0190	0.1725	0.0017	0.5657	1042.4	7.0	1025.5	9.4	1062	21	1062.0	21.0	3.4
GOM17_23	53	0.66	1.8240	0.0430	0.1756	0.0032	0.4759	1052.0	15.0	1042.0	17.0	1064	41	1064.0	41.0	2.1
GOM17_90	121	1.83	1.7500	0.0250	0.1687	0.0017	0.2823	1026.4	9.1	1004.9	9.3	1065	30	1065.0	30.0	5.6
GOM17_86	136	1.03	1.9050	0.0230	0.1844	0.0020	0.4976	1082.4	8.2	1093.0	11.0	1070	22	1070.0	22.0	2.1
GOM17_45	176	1.25	1.8760	0.0280	0.1804	0.0025	0.7756	1074.3	9.2	1069.0	14.0	1077	21	1077.0	21.0	0.7
GOM17_88	128.3	1.68	1.8500	0.0260	0.1775	0.0018	0.4465	1062.5	9.1	1053.0	10.0	1091	28	1091.0	28.0	3.5
GOM17_104	42.52	1.01	1.7750	0.0630	0.1713	0.0055	0.2883	1035.0	23.0	1019.0	30.0	1091	84	1091.0	84.0	6.6
GOM17_108	219	1.95	1.9050	0.0230	0.1835	0.0017	0.4901	1082.5	7.9	1085.7	9.0	1092	20	1092.0	20.0	0.6
GOM17_15	71.2	2.01	1.9300	0.0280	0.1832	0.0020	0.4193	1090.9	9.5	1084.0	11.0	1093	28	1093.0	28.0	0.8
GOM17_72	34.3	1.16	1.9130	0.0380	0.1802	0.0026	0.0497	1086.0	14.0	1070.0	14.0	1102	49	1102.0	49.0	2.9
GOM17_35	27.8	1.11	1.8570	0.0450	0.1755	0.0030	0.3318	1066.0	16.0	1042.0	17.0	1109	53	1109.0	53.0	6.0
GOM17_68	183	2.10	1.8830	0.0180	0.1792	0.0019	0.3750	1076.1	5.9	1062.0	10.0	1111	25	1111.0	25.0	4.4
GOM17_73	64.4	1.51	2.0520	0.0470	0.1924	0.0025	0.5113	1131.0	16.0	1134.0	14.0	1138	38	1138.0	38.0	0.4
GOM17_56	71.7	1.43	1.9550	0.0750	0.1759	0.0046	0.2998	1099.0	26.0	1044.0	25.0	1143	94	1143.0	94.0	8.7
GOM17_83	126	2.80	2.1120	0.0450	0.1954	0.0028	0.7766	1151.0	15.0	1150.0	15.0	1143	30	1143.0	30.0	0.6
GOM17_2	136.8	1.61	2.1170	0.0310	0.1967	0.0019	0.5812	1153.5	9.9	1157.0	10.0	1144	24	1144.0	24.0	1.1
GOM17_30	99.2	1.43	1.8190	0.0460	0.1681	0.0034	0.3024	1052.0	17.0	1001.0	19.0	1145	58	1145.0	58.0	12.6
GOM17_99	257.7	1.82	2.0660	0.0280	0.1931	0.0022	0.4966	1141.0	8.4	1138.0	12.0	1147	25	1147.0	25.0	0.8
GOM17_69	85.2	2.24	2.0130	0.0300	0.1871	0.0023	0.3243	1119.0	10.0	1105.0	13.0	1149	33	1149.0	33.0	3.8
GOM17_80	58.8	1.74	2.1110	0.0410	0.1941	0.0027	0.4053	1151.0	13.0	1143.0	14.0	1150	35	1150.0	35.0	0.6
GOM17_55	65.6	2.50	2.1390	0.0270	0.1970	0.0024	0.3910	1163.5	8.6	1159.0	13.0	1151	26	1151.0	26.0	0.7
GOM17_18	75	1.77	2.1360	0.0320	0.1961	0.0021	0.1762	1160.0	10.0	1154.0	12.0	1154	33	1154.0	33.0	0.0
GOM17_124	84.1	1.70	1.9560	0.0320	0.1807	0.0033	0.6190	1100.0	11.0	1070.0	18.0	1158	28	1158.0	28.0	7.6
GOM17_36	91.1	2.09	2.0720	0.0240	0.1899	0.0023	0.5099	1140.1	8.1	1121.0	13.0	1166	26	1166.0	26.0	3.9
GOM17_42	42.3	2.36	2.1090	0.0380	0.1914	0.0022	0.2706	1151.0	12.0	1129.0	12.0	1172	31	1172.0	31.0	3.7
GOM17_97	351	5.33	2.1090	0.0190	0.1943	0.0013	0.3791	1151.4	6.2	1144.6	6.9	1173	16	1173.0	16.0	2.4

GOM17_85	191	1.94	2.0580	0.0360	0.1878	0.0019	0.5461	1134.0	12.0	1110.0	10.0	1174	28	1174.0	28.0	5.5
GOM17_94	298.7	4.85	1.9900	0.0230	0.1830	0.0020	0.5925	1111.6	7.8	1083.0	11.0	1176	22	1176.0	22.0	7.9
GOM17_123	136.3	1.74	2.0960	0.0270	0.1926	0.0023	0.4751	1148.2	8.6	1135.0	12.0	1177	22	1177.0	22.0	3.6
GOM17_3	90.9	1.98	1.9680	0.0480	0.1805	0.0024	0.5250	1104.0	17.0	1073.0	14.0	1178	47	1178.0	47.0	8.9
GOM17_58	73	1.10	2.2880	0.0640	0.2079	0.0043	0.4507	1207.0	20.0	1217.0	23.0	1178	58	1178.0	58.0	3.3
GOM17_113	220	1.74	2.2260	0.0250	0.2032	0.0018	0.5202	1189.7	8.0	1192.6	9.7	1178	19	1178.0	19.0	1.2
GOM17_33	195.3	2.76	2.1170	0.0280	0.1919	0.0021	0.0824	1153.6	9.1	1131.0	11.0	1181	20	1181.0	20.0	4.2
GOM17_122	263	7.10	2.1590	0.0240	0.1978	0.0022	0.6607	1167.4	7.7	1165.0	12.0	1183	19	1183.0	19.0	1.5
GOM17_54	227	1.74	2.2750	0.0270	0.2055	0.0024	0.6055	1205.2	8.6	1204.0	13.0	1204	22	1204.0	22.0	0.0
GOM17_114	187.8	1.33	2.2050	0.0240	0.1990	0.0020	0.4311	1182.2	7.8	1170.0	11.0	1212	23	1212.0	23.0	3.5
GOM17_4	261	2.64	2.2930	0.0360	0.2051	0.0022	0.9277	1210.0	11.0	1202.0	12.0	1215	25	1215.0	25.0	1.1
GOM17_82	95	0.99	2.2990	0.0290	0.2036	0.0023	0.4075	1211.5	8.8	1195.0	12.0	1229	28	1229.0	28.0	2.8
GOM17_48	46.69	1.10	2.1880	0.0620	0.1951	0.0050	0.3436	1176.0	20.0	1149.0	27.0	1239	49	1239.0	49.0	7.3
GOM17_121	164	11.60	2.4800	0.0250	0.2184	0.0022	0.5206	1266.7	7.1	1273.0	12.0	1244	19	1244.0	19.0	2.3
GOM17_1	356	1.75	2.2520	0.0280	0.2003	0.0024	0.7123	1197.2	8.6	1177.0	13.0	1246	21	1246.0	21.0	5.5
GOM17_116	287.7	3.68	2.2440	0.0400	0.1985	0.0039	0.5500	1195.0	12.0	1167.0	21.0	1247	33	1247.0	33.0	6.4
GOM17_52	284.6	4.91	1.9970	0.0410	0.1762	0.0024	0.8229	1114.0	14.0	1046.0	13.0	1249	26	1249.0	26.0	16.3
GOM17_26	101.8	0.95	2.5300	0.0340	0.2187	0.0025	0.3371	1281.3	9.4	1275.0	13.0	1288	28	1288.0	28.0	1.0
GOM17_49	237	1.13	2.5540	0.0710	0.2157	0.0069	0.7182	1287.0	20.0	1259.0	37.0	1301	51	1301.0	51.0	3.2
GOM17_8	138.5	1.37	2.6600	0.0270	0.2265	0.0026	0.4612	1318.3	7.8	1316.0	13.0	1331	22	1331.0	22.0	1.1
GOM17_39	289.2	1.84	2.6980	0.0180	0.2277	0.0016	0.5377	1327.7	5.0	1322.3	8.5	1339	15	1339.0	15.0	1.2
GOM17_20	93.2	1.78	2.7070	0.0370	0.2267	0.0028	0.6101	1331.0	10.0	1317.0	15.0	1345	26	1345.0	26.0	2.1
GOM17_102	119	1.68	2.8000	0.0420	0.2287	0.0025	0.5493	1355.0	11.0	1327.0	13.0	1406	22	1406.0	22.0	5.6
GOM17_93	152.8	1.18	2.9800	0.0340	0.2422	0.0027	0.5458	1402.1	8.7	1398.0	14.0	1414	23	1414.0	23.0	1.1
GOM17_96	110.4	0.95	3.1050	0.0330	0.2458	0.0037	0.2957	1433.7	8.1	1416.0	19.0	1456	33	1456.0	33.0	2.7
GOM17_112	71.3	1.36	3.1370	0.0420	0.2466	0.0033	0.6177	1441.0	10.0	1421.0	17.0	1471	22	1471.0	22.0	3.4
GOM17_63	141.8	0.86	3.1800	0.1900	0.2486	0.0065	0.4554	1452.0	47.0	1431.0	34.0	1478	99	1478.0	99.0	3.2
GOM17_98	73.5	0.72	3.9300	0.0510	0.2796	0.0028	0.5755	1619.0	10.0	1589.0	14.0	1637	25	1637.0	25.0	2.9
GOM17_107	109.1	0.90	3.9070	0.0500	0.2785	0.0027	0.5217	1616.5	9.9	1584.0	13.0	1657	24	1657.0	24.0	4.4

Sample:GOM18	Isotopic Ratios							Isotopic ages (Ma)								
Analysis	[U] ppm	U/Th	207/235	2σ err.	206/238	2σ err.	RHO	207/235	2σ err.	206/238	2σ err.	207/206	2σ err.	Best age	2σ err.	% Dis.
GOM18_94	721	183.00	0.37010	0.00530	0.05057	0.00052	0.57138	319.6	4.0	318.0	3.2	330	30	318.0	3.2	0.5
GOM18_99	890	146.00	0.37460	0.00500	0.05127	0.00087	0.06910	323.1	3.7	322.3	5.3	340	52	322.3	5.3	0.2
GOM18_15	624	9.74	0.37560	0.00870	0.05140	0.00160	0.38902	323.7	6.4	323.3	9.5	337	70	323.3	9.5	0.1
GOM18_84	268	70.00	0.42900	0.01800	0.05220	0.00180	0.48205	362.0	13.0	328.0	11.0	580	90	328.0	11.0	9.4
GOM18_89	732	9.11	0.39210	0.00570	0.05287	0.00076	0.41121	335.9	4.2	332.1	4.7	335	39	332.1	4.7	1.1
GOM18_85	433	97.00	0.41800	0.03400	0.05340	0.00340	0.74610	354.0	25.0	335.0	21.0	371	69	335.0	21.0	5.4
GOM18_60	630	81.80	0.41100	0.02300	0.05390	0.00190	0.73827	349.0	16.0	339.0	12.0	405	87	339.0	12.0	2.9
GOM18_64	745	3.72	0.39840	0.00500	0.05410	0.00045	0.56551	340.4	3.6	339.6	2.7	340	25	339.6	2.7	0.2
GOM18_124	507	102.20	0.40040	0.00420	0.05420	0.00058	0.36948	341.9	3.0	340.2	3.6	345	27	340.2	3.6	0.5
GOM18_117	527	94.00	0.40300	0.01000	0.05454	0.00088	0.27716	344.0	7.4	342.3	5.4	338	70	342.3	5.4	0.5
GOM18_30	139.9	0.63	0.40730	0.00860	0.05577	0.00070	0.06044	347.7	6.0	349.9	4.3	335	53	349.9	4.3	0.6
GOM18_36	319	4.07	0.41950	0.00570	0.05641	0.00044	0.22109	355.5	4.0	353.8	2.7	363	33	353.8	2.7	0.5
GOM18_119	700	280.00	0.42390	0.00620	0.05673	0.00075	0.60551	358.6	4.4	355.7	4.6	383	28	355.7	4.6	0.8
GOM18_39	183	3.63	0.42440	0.00840	0.05710	0.00066	0.09954	358.9	6.0	358.0	4.0	375	43	358.0	4.0	0.3
GOM18_120	614	2.25	0.43230	0.00520	0.05767	0.00050	0.30127	364.7	3.7	361.4	3.0	379	27	361.4	3.0	0.9
GOM18_24	37.7	1.90	0.42900	0.02100	0.05780	0.00140	0.10227	366.0	15.0	362.4	8.5	370	110	362.4	8.5	1.0
GOM18_67	1490	68.00	0.42700	0.03300	0.05790	0.00570	0.94745	360.0	23.0	363.0	35.0	367	63	363.0	35.0	0.8
GOM18_110	236	14.70	0.43960	0.00750	0.05873	0.00070	0.42897	369.8	5.3	367.9	4.3	368	38	367.9	4.3	0.5
GOM18_95	440	29.00	0.45900	0.03100	0.05920	0.00170	0.67232	383.0	21.0	371.0	10.0	400	120	371.0	10.0	3.1
GOM18_115	182	1.54	0.46400	0.01200	0.06110	0.00130	0.65430	387.7	7.9	382.4	8.0	388	44	382.4	8.0	1.4
GOM18_25	193.7	2.52	0.46700	0.01300	0.06200	0.00160	0.84645	388.7	9.3	387.6	9.5	380	32	387.6	9.5	0.3
GOM18_114	238.9	0.43	0.49900	0.01100	0.06475	0.00091	0.03383	411.0	7.5	404.4	5.5	424	58	404.4	5.5	1.6
GOM18_65	79.3	1.39	0.52000	0.02000	0.06730	0.00160	0.07337	424.0	13.0	419.8	9.4	460	87	419.8	9.4	1.0
GOM18_32	186.8	0.47	0.51700	0.01400	0.06740	0.00130	0.33376	424.4	9.3	420.3	7.7	452	66	420.3	7.7	1.0
GOM18_21	158	1.28	0.52500	0.01300	0.06750	0.00130	0.23059	428.2	8.8	420.8	7.7	475	59	420.8	7.7	1.7
GOM18_42	76.7	0.87	0.52900	0.01500	0.06880	0.00110	0.23049	430.4	9.7	428.6	6.6	400	64	428.6	6.6	0.4
GOM18_86	248	0.43	0.53900	0.01000	0.06879	0.00099	0.37837	437.3	6.9	428.9	6.0	461	49	428.9	6.0	1.9

GOM18_88	421	1.28	0.52780	0.00730	0.06887	0.00089	0.51322	430.2	4.8	429.3	5.3	429	28	429.3	5.3	0.2
GOM18_3	434	0.88	0.54110	0.00990	0.06980	0.00068	0.17058	439.7	6.3	434.9	4.1	465	44	434.9	4.1	1.1
GOM18_63	82.4	1.56	0.54900	0.01100	0.07120	0.00110	0.34075	443.8	7.5	443.3	6.4	437	55	443.3	6.4	0.1
GOM18_4	586	65.00	0.55600	0.03400	0.07130	0.00230	0.57479	448.0	22.0	444.0	14.0	450	110	444.0	14.0	0.9
GOM18_98	147	16.60	0.57400	0.01800	0.07190	0.00310	0.60148	460.0	12.0	448.0	18.0	466	98	448.0	18.0	2.6
GOM18_1	3730	75.90	0.56300	0.01700	0.07220	0.00200	0.20530	454.0	11.0	449.0	12.0	478	97	449.0	12.0	1.1
GOM18_113	147	1.15	0.55900	0.01000	0.07297	0.00092	0.16106	450.8	6.5	454.0	5.5	444	45	454.0	5.5	0.7
GOM18_57	67	1.34	0.56500	0.01800	0.07320	0.00300	0.13138	454.0	12.0	455.0	18.0	430	91	455.0	18.0	0.2
GOM18_62	680	1.38	0.57820	0.00630	0.07409	0.00053	0.41508	463.1	4.0	460.7	3.2	447	23	460.7	3.2	0.5
GOM18_74	355	91.90	0.58300	0.01000	0.07420	0.00130	0.28992	466.2	6.6	461.1	7.7	506	50	461.1	7.7	1.1
GOM18_72	36.3	0.64	0.59100	0.01800	0.07530	0.00170	0.35072	472.0	12.0	468.0	10.0	479	76	468.0	10.0	0.8
GOM18_41	305	0.92	0.61200	0.01600	0.07550	0.00140	0.68427	483.9	9.9	469.2	8.2	550	36	469.2	8.2	3.0
GOM18_66	518	17.80	0.63600	0.02000	0.08080	0.00200	0.27136	500.0	12.0	501.0	12.0	480	100	501.0	12.0	0.2
GOM18_100	420.2	25.70	0.66100	0.02900	0.08090	0.00270	1.00000	515.0	18.0	502.0	16.0	513	18	502.0	16.0	2.5
GOM18_116	576	2.81	0.79700	0.01700	0.08620	0.00130	0.04173	594.7	9.5	532.8	7.5	823	48	532.8	7.5	10.4
GOM18_27	91.2	2.40	0.76900	0.01500	0.09320	0.00150	0.28385	579.6	8.2	574.0	8.6	611	48	574.0	8.6	1.0
GJ1_25	83.1	9.58	1.09400	0.04500	0.10940	0.00350	0.90868	687.0	21.0	660.0	20.0	767	22	660.0	20.0	3.9
GOM18_90	151	4.67	1.04000	0.05000	0.10850	0.00390	0.52534	718.0	25.0	663.0	23.0	845	40	663.0	23.0	7.7
GOM18_19	60.4	1.22	1.01600	0.02500	0.11510	0.00220	0.38611	711.0	13.0	702.0	13.0	757	52	702.0	13.0	1.3
GOM18_31	271	1.92	1.39300	0.01800	0.13790	0.00170	0.78824	885.8	7.5	832.5	9.5	1005	21	832.5	9.5	6.0
GOM18_23	25.42	0.80	1.62000	0.04800	0.16310	0.00280	0.04040	975.0	18.0	976.0	16.0	943	60	976.0	16.0	0.1
GOM18_7	80.4	1.76	1.50300	0.04500	0.15070	0.00260	0.35443	924.0	15.0	904.0	14.0	965	42	904.0	14.0	2.2
GOM18_105	127.3	1.34	1.51900	0.04400	0.15270	0.00300	0.55244	938.0	18.0	916.0	17.0	978	60	916.0	17.0	2.3
GOM18_103	30.8	1.53	1.60500	0.04600	0.16080	0.00340	0.17125	970.0	18.0	961.0	19.0	987	73	961.0	19.0	0.9
GOM18_69	34.8	0.96	1.59000	0.04000	0.15850	0.00300	0.11575	965.0	16.0	948.0	17.0	999	59	948.0	17.0	1.8
GOM18_14	200.9	2.29	1.67700	0.02100	0.16620	0.00190	0.50003	999.1	8.0	991.0	10.0	1004	24	991.0	10.0	0.8
GOM18_76	112.9	1.21	1.70200	0.02200	0.16910	0.00250	0.36390	1008.6	8.3	1007.0	14.0	1004	32	1004.0	32.0	0.3
GOM18_77	228.4	3.07	1.61200	0.02700	0.16010	0.00180	0.65614	976.0	11.0	957.4	9.7	1004	27	957.4	9.7	1.9
GOM18_11	286	4.33	1.62300	0.02600	0.16260	0.00220	0.58793	981.0	10.0	971.0	12.0	1010	27	971.0	12.0	1.0
GOM18_93	23.71	0.59	1.71800	0.04200	0.16890	0.00290	0.24049	1018.0	16.0	1006.0	16.0	1010	53	1010.0	53.0	0.4
GOM18_118	106	1.15	1.69800	0.02300	0.16570	0.00240	0.34502	1007.1	8.6	988.0	13.0	1028	32	988.0	13.0	1.9
GOM18_71	368	1.32	1.72600	0.01400	0.16920	0.00140	0.52425	1019.4	5.2	1007.6	7.5	1029	15	1029.0	15.0	2.1
GOM18_116	233	1.80	1.45400	0.03500	0.14220	0.00260	0.69151	911.0	14.0	857.0	14.0	1033	43	857.0	14.0	5.9
GOM18_18	70.2	0.62	1.65000	0.03100	0.16390	0.00280	0.08721	991.0	11.0	978.0	15.0	1034	48	978.0	15.0	1.3
GOM18_45	59.9	1.37	1.70600	0.03800	0.16500	0.00240	0.27273	1010.0	14.0	984.0	13.0	1035	47	984.0	13.0	2.6
GOM18_123	77.2	2.12	1.69700	0.03800	0.16630	0.00300	0.38309	1006.0	14.0	991.0	16.0	1038	42	991.0	16.0	1.5
GOM18_5	103	0.54	1.78600	0.03100	0.17430	0.00190	0.22975	1039.0	11.0	1035.0	11.0	1039	39	1039.0	39.0	0.4
GOM18_9	187	0.51	1.69500	0.01900	0.16650	0.00150	0.42888	1007.2	7.5	992.9	8.1	1042	24	992.9	8.1	1.4
GOM18_87	402	2.51	1.79700	0.01500	0.17480	0.00130	0.57544	1045.1	5.6	1038.3	7.1	1044	16	1044.0	16.0	0.5
GOM18_107	58.4	1.21	1.69400	0.03000	0.16330	0.00280	0.56904	1006.0	12.0	975.0	15.0	1044	29	975.0	15.0	3.1
GOM18_55	539	0.73	1.82600	0.02200	0.17660	0.00240	0.77829	1054.3	7.8	1048.0	13.0	1050	17	1050.0	17.0	0.2
GOM18_68	113.9	1.71	1.73500	0.02100	0.17030	0.00180	0.24648	1021.1	7.8	1013.9	9.8	1050	27	1050.0	27.0	3.4
GOM18_81	250	1.36	1.80700	0.01800	0.17490	0.00130	0.23810	1047.7	6.4	1039.0	7.2	1051	23	1051.0	23.0	1.1
GOM18_96	256	1.44	1.81300	0.01700	0.17570	0.00150	0.25763	1050.0	6.1	1043.2	8.1	1053	22	1053.0	22.0	0.9
GOM18_79	780	2.58	1.68900	0.01600	0.16110	0.00190	0.80429	1004.4	6.0	963.0	11.0	1054	15	963.0	11.0	4.1
GOM18_101	451	3.36	1.87300	0.01600	0.18130	0.00160	0.64523	1072.2	5.5	1074.2	8.7	1058	14	1058.0	14.0	1.5
GOM18_2	195	1.32	1.80900	0.04400	0.17770	0.00350	0.46956	1047.0	16.0	1054.0	19.0	1062	47	1062.0	47.0	0.8
GOM18_95	30.04	2.33	1.78200	0.04700	0.16970	0.00320	0.21110	1037.0	17.0	1010.0	18.0	1070	58	1070.0	58.0	5.6
GOM18_102	251	1.74	1.78200	0.01500	0.17080	0.00100	0.46915	1039.2	5.3	1017.2	5.8	1076	16	1076.0	16.0	5.5
GOM18_84	82.6	1.74	1.77300	0.04800	0.16620	0.00240	0.25939	1035.0	18.0	991.0	13.0	1079	51	991.0	13.0	4.3
GOM18_121	168	0.94	1.84600	0.02100	0.17780	0.00170	0.23198	1063.6	7.6	1054.8	9.4	1079	25	1079.0	25.0	2.2
GOM18_33	76	1.36	1.89200	0.06600	0.18320	0.00420	0.61375	1077.0	23.0	1084.0	23.0	1081	53	1081.0	53.0	0.3
GOM18_38	414	1.74	1.90700	0.01700	0.18280	0.00180	0.91190	1083.3	6.0	1082.2	9.6	1082	13	1082.0	13.0	0.0
GOM18_40	375	10.30	1.96100	0.04900	0.18610	0.00350	0.94404	1100.0	16.0	1100.0	19.0	1087	20	1087.0	20.0	1.2
GOM18_78	31.3	1.10	1.86600	0.04200	0.17820	0.00300	0.34725	1069.0	15.0	1059.0	17.0	1089	45	1089.0	45.0	2.8
GOM18_37	285	5.48	1.93800	0.02000	0.18400	0.00200	0.63897	1093.8	6.8	1090.0	11.0	1095	19	1095.0	19.0	0.5
GOM18_15	144	2.21	1.82000	0.10000	0.17340	0.00870	0.93253	1049.0	37.0	1030.0	48.0	1097	42	1097.0	42.0	6.1
GOM18_80	309	1.41	1.72800	0.02900	0.16370	0.00190	0.06728	1018.0	11.0	977.0	10.0	1098	31	977.0	10.0	4.0
GOM18_82	36.6	1.26	1.85100	0.03600	0.17580	0.00230	0.01978	1064.0	12.0	1045.0	13.0	1106	46	1106.0	46.0	5.5
GOM18_4	457	1.11	1.80300	0.03500	0.17280	0.00310	0.79636	1049.0	12.0	1027.0	17.0	1109	25	1109.0	25.0	7.4

GOM18_13	150.9	1.95	1.97600	0.02400	0.18620	0.00160	0.15845	1108.2	8.4	1100.9	8.5	1122	28	1122.0	28.0	1.9
GOM18_99	17.08	8.60	2.03000	0.14000	0.18620	0.00780	0.41142	1121.0	45.0	1110.0	45.0	1126	87	1126.0	87.0	1.4
GOM18_28	145.6	7.95	2.03800	0.02600	0.19050	0.00260	0.58723	1127.7	8.8	1124.0	14.0	1136	24	1136.0	24.0	1.1
GOM18_20	444	3.16	1.99400	0.02300	0.18650	0.00180	0.70207	1113.0	7.7	1102.0	10.0	1145	17	1145.0	17.0	3.8
GOM18_108	40	1.43	2.10100	0.04200	0.19560	0.00250	0.10903	1148.0	14.0	1151.0	13.0	1150	43	1150.0	43.0	0.1
GOM18_34	77.2	1.79	2.13500	0.02600	0.19660	0.00200	0.16656	1159.5	8.5	1157.0	11.0	1151	30	1151.0	30.0	0.5
GOM18_83	257	7.92	2.10000	0.02000	0.19360	0.00190	0.66671	1148.4	6.5	1141.0	10.0	1151	16	1151.0	16.0	0.9
GOM18_117	112	1.20	2.00200	0.02400	0.18530	0.00200	0.47574	1116.0	8.0	1096.0	11.0	1152	24	1152.0	24.0	4.9
GOM18_8	548	4.28	1.98200	0.08500	0.18510	0.00550	0.61104	1108.0	29.0	1095.0	30.0	1153	98	1153.0	98.0	5.0
GOM18_111	177	1.58	2.12100	0.02400	0.19570	0.00220	0.63162	1155.1	7.7	1152.0	12.0	1153	19	1153.0	19.0	0.1
GOM18_10	122	2.17	2.01500	0.03400	0.18640	0.00230	0.43759	1119.0	11.0	1102.0	13.0	1154	32	1154.0	32.0	4.5
GOM18_85	117	1.27	2.14300	0.02900	0.19760	0.00210	0.47029	1162.0	9.5	1162.0	11.0	1159	27	1159.0	27.0	0.3
GOM18_59	27.11	1.96	1.99000	0.12000	0.18080	0.00520	0.34794	1109.0	40.0	1071.0	28.0	1160	150	1160.0	150.0	7.7
GOM18_100	79.7	1.84	2.09700	0.03200	0.19300	0.00190	0.12152	1147.0	11.0	1138.0	10.0	1160	32	1160.0	32.0	1.9
GOM18_22	363	1.70	1.95000	0.03300	0.17890	0.00230	0.46365	1098.0	11.0	1064.0	14.0	1161	35	1161.0	35.0	8.4
GOM18_29	94	2.26	1.96700	0.03200	0.18120	0.00390	0.45972	1104.0	11.0	1073.0	21.0	1162	41	1162.0	41.0	7.7
GOM18_53	315.6	1.09	1.90200	0.02300	0.17440	0.00190	0.51888	1081.6	8.1	1036.0	10.0	1164	23	1164.0	23.0	11.0
GOM18_46	202.9	1.71	2.06700	0.02200	0.19110	0.00150	0.57940	1139.7	7.4	1127.5	8.4	1167	17	1167.0	17.0	3.4
GOM18_74	234	2.35	2.11900	0.03900	0.19200	0.00220	0.62850	1155.0	13.0	1132.0	12.0	1168	35	1168.0	35.0	3.1
GOM18_91	536.7	1.07	2.04100	0.01400	0.18700	0.00120	0.55778	1129.1	4.7	1104.9	6.3	1172	12	1172.0	12.0	5.7
GOM18_97	25.5	0.63	2.12000	0.04700	0.19450	0.00290	0.32917	1155.0	15.0	1145.0	16.0	1173	49	1173.0	49.0	2.4
GOM18_26	66.1	0.82	2.02800	0.03600	0.18690	0.00250	0.39291	1128.0	12.0	1104.0	13.0	1176	30	1176.0	30.0	6.1
GOM18_61	234	2.34	2.12500	0.02200	0.19330	0.00170	0.52356	1156.6	7.1	1139.1	9.4	1178	20	1178.0	20.0	3.3
GOM18_60	74.3	2.69	2.12400	0.03600	0.19370	0.00220	0.55549	1156.0	12.0	1141.0	12.0	1183	29	1183.0	29.0	3.6
GOM18_66	37.1	2.11	2.19800	0.04200	0.19930	0.00250	0.01039	1182.0	13.0	1172.0	13.0	1185	49	1185.0	49.0	1.1
GOM18_70	180	9.90	2.18600	0.04700	0.19500	0.00300	0.74058	1177.0	15.0	1148.0	16.0	1201	24	1201.0	24.0	4.4
GOM18_104	102	1.17	2.25500	0.03000	0.20260	0.00220	0.36014	1197.6	9.3	1189.0	12.0	1210	25	1210.0	25.0	1.7
GOM18_12	115	1.05	2.19900	0.04700	0.19750	0.00370	0.58324	1181.0	15.0	1161.0	20.0	1211	35	1211.0	35.0	4.1
GOM18_51	70.5	1.01	2.27800	0.03200	0.20350	0.00160	0.27554	1204.8	9.8	1194.1	8.4	1214	27	1214.0	27.0	1.6
GOM18_17	170	2.05	2.20300	0.03000	0.19820	0.00230	0.69546	1181.2	9.5	1166.0	12.0	1216	20	1216.0	20.0	4.1
GOM18_50	78	1.35	2.41500	0.05500	0.21360	0.00490	0.70120	1245.0	16.0	1247.0	26.0	1220	32	1220.0	32.0	2.2
GOM18_47	30	1.86	2.29600	0.04900	0.20040	0.00270	0.05001	1210.0	15.0	1177.0	15.0	1249	52	1249.0	52.0	5.8
GOM18_43	20.26	4.20	2.25100	0.04900	0.19710	0.00320	0.20980	1203.0	16.0	1159.0	17.0	1250	49	1250.0	49.0	7.3
GOM18_1	385	3.55	2.31700	0.03300	0.20480	0.00190	0.39590	1217.0	10.0	1201.0	10.0	1255	27	1255.0	27.0	4.3
GOM18_58	135.9	1.25	2.42100	0.02400	0.21230	0.00200	0.38651	1248.3	7.2	1241.0	11.0	1255	21	1255.0	21.0	1.1
GOM18_67	94.4	2.80	2.42800	0.03100	0.20840	0.00200	0.33392	1250.2	9.2	1220.0	10.0	1295	28	1295.0	28.0	5.8
GOM18_106	31.39	0.43	2.40600	0.05400	0.20470	0.00330	0.10183	1245.0	16.0	1202.0	17.0	1320	44	1320.0	44.0	8.9
GOM18_98	179.6	2.28	2.65100	0.04900	0.21410	0.00480	0.74343	1320.6	7.5	1251.0	26.0	1412	42	1412.0	42.0	11.4
GOM18_16	394	4.21	2.83400	0.02400	0.22860	0.00190	0.65417	1364.3	6.2	1327.0	10.0	1418	13	1418.0	13.0	6.4
GOM18_112	63	0.69	3.08000	0.04300	0.24600	0.00310	0.39196	1427.0	11.0	1418.0	16.0	1441	27	1441.0	27.0	1.6
GOM18_73	82.9	1.52	3.00300	0.03700	0.23840	0.00220	0.23717	1407.9	9.4	1378.0	11.0	1449	24	1449.0	24.0	4.9
GOM18_92	267	1.50	3.06700	0.03100	0.23990	0.00280	0.54733	1424.0	7.6	1386.0	15.0	1469	19	1469.0	19.0	5.7
GOM18_8	442	1.58	10.18500	0.09900	0.44080	0.00480	0.70347	2451.4	9.0	2354.0	21.0	2537	10	2537.0	10.0	7.2

Sample:GOM19	Isotopic Ratios							Isotopic ages (Ma)								
Analysis	[U] ppm	U/Th	207/235	2σ err.	206/238	2σ err.	RHO	207/235	2σ err.	206/238	2σ err.	207/206	2σ err.	Best age	2σ err.	% Dis.
GOM19_70	849	1.23	0.33900	0.00420	0.04597	0.00061	0.55837	296.3	3.1	289.7	3.8	354	27	289.7	3.8	2.2
GOM19_58	772	2.58	0.34330	0.00550	0.04619	0.00092	0.61190	299.6	4.1	291.1	5.7	337	41	291.1	5.7	2.8
GOM19_104	1286	106.00	0.35500	0.01200	0.04620	0.00110	0.38078	308.1	8.9	291.4	6.7	376	82	291.4	6.7	5.4
GOM19_59	1810	4.34	0.39000	0.00560	0.04762	0.00076	0.68832	334.3	4.0	299.8	4.7	568	29	299.8	4.7	10.3
GOM19_86	347	3.44	0.35520	0.00660	0.04862	0.00060	-0.06006	308.4	4.9	306.0	3.7	320	44	306.0	3.7	0.8
GOM19_46	378	1.02	0.36320	0.00490	0.04944	0.00063	0.17834	314.5	3.7	311.1	3.8	310	35	311.1	3.8	1.1
GOM19_1	1690	4.88	0.37430	0.00930	0.05190	0.00200	0.73537	322.4	6.8	326.0	12.0	294	52	326.0	12.0	1.1
GOM19_75	363.9	43.10	0.40590	0.00780	0.05280	0.00110	0.33510	345.8	5.6	331.4	6.7	377	50	331.4	6.7	4.2
GOM19_107	1218	12.37	0.39260	0.00730	0.05320	0.00130	0.49810	336.2	5.3	334.2	8.2	352	55	334.2	8.2	0.6
GOM19_63	436	11.89	0.39470	0.00880	0.05340	0.00100	0.56680	337.6	6.4	335.1	6.3	361	41	335.1	6.3	0.7
GOM19_81	359	69.10	0.40800	0.01300	0.05370	0.00160	0.44903	346.9	9.1	337.2	9.5	357	63	337.2	9.5	2.8
GOM19_22	404	7.90	0.45200	0.01700	0.05800	0.00190	0.67290	378.0	12.0	363.0	11.0	396	57	363.0	11.0	4.0
GOM19_12	560	7.30	0.46800	0.01100	0.06000	0.00110	0.69287	389.3	7.8	375.7	6.6	456	42	375.7	6.6	3.5

GOM19_124	605	1.54	0.45700	0.02300	0.06110	0.00340	0.05487	382.0	16.0	382.0	20.0	410	150	382.0	20.0	0.0
GOM19_92	356	0.73	0.49360	0.00840	0.06451	0.00098	0.49537	407.1	5.7	402.9	5.9	437	38	402.9	5.9	1.0
GOM19_36	529	4.60	0.50900	0.01300	0.06510	0.00160	0.87006	418.1	8.9	406.1	9.7	444	31	406.1	9.7	2.9
GOM19_103	1158	2.65	0.53140	0.00780	0.06568	0.00084	0.77754	432.5	5.2	410.0	5.1	531	22	410.0	5.1	5.2
GOM19_64	156	2.65	0.49400	0.01300	0.06570	0.00150	0.39137	408.2	8.6	410.2	9.1	413	62	410.2	9.1	0.5
GOM19_62	111	2.81	0.50600	0.01300	0.06580	0.00110	0.19263	415.3	8.8	411.0	6.5	403	56	411.0	6.5	1.0
GOM19_65	432.9	1.28	0.50170	0.00830	0.06600	0.00110	0.49352	412.7	5.6	411.9	6.6	437	35	411.9	6.6	0.2
GOM19_117	462	2.04	0.52340	0.00960	0.06780	0.00120	0.47807	428.0	6.5	423.1	7.0	446	38	423.1	7.0	1.1
GOM19_116	332.2	1.16	0.53100	0.01300	0.06950	0.00210	0.62651	432.0	8.4	433.0	13.0	429	50	433.0	13.0	0.2
GOM19_114	431.6	0.41	0.52800	0.01000	0.06990	0.00120	0.62125	430.4	6.6	435.4	7.5	441	33	435.4	7.5	1.2
GOM19_25	104.4	1.09	0.55400	0.01700	0.07070	0.00120	0.01728	449.0	11.0	440.1	7.3	442	78	440.1	7.3	2.0
GOM19_99	437	0.68	0.56370	0.00970	0.07160	0.00120	0.36494	453.8	6.3	445.5	7.3	479	43	445.5	7.3	1.8
GOM19_71	60.9	0.89	0.59000	0.03700	0.07270	0.00470	0.37909	470.0	23.0	452.0	29.0	490	180	452.0	29.0	3.8
GOM19_118	265.5	25.90	0.61000	0.05600	0.07300	0.00430	0.92419	482.0	35.0	454.0	26.0	551	67	454.0	26.0	5.8
GOM19_4	973	11.00	0.62200	0.03800	0.07360	0.00340	0.85161	490.0	24.0	458.0	21.0	653	65	458.0	21.0	6.5
GOM19_119	207	1.81	0.61000	0.01100	0.07830	0.00110	0.37830	484.1	7.0	486.1	6.6	484	38	486.1	6.6	0.4
GOM19_21	399	1.15	0.67210	0.00940	0.08290	0.00100	0.36412	521.8	5.7	513.2	6.1	539	34	513.2	6.1	1.6
GOM19_88	615	25.80	0.75900	0.03000	0.09130	0.00290	0.90016	572.0	17.0	563.0	17.0	597	39	563.0	17.0	1.6
GOM19_94	375	0.74	0.76900	0.01500	0.09320	0.00180	0.70642	578.8	8.4	575.0	11.0	583	38	575.0	11.0	0.7
GOM19_73	124	1.25	0.81200	0.01400	0.09620	0.00150	0.52155	603.0	7.9	592.3	8.9	628	40	592.3	8.9	1.8
GOM19_54	141.5	10.20	1.19500	0.02000	0.12290	0.00150	0.79086	773.3	9.0	744.4	8.7	831	10	744.4	8.7	3.7
GOM19_53	60.3	0.65	1.13300	0.04100	0.12640	0.00260	0.23240	767.0	20.0	767.0	15.0	788	73	767.0	15.0	0.0
GOM19_113	2358	6.24	1.29100	0.02600	0.12850	0.00210	0.82517	841.0	11.0	779.0	12.0	1007	23	779.0	12.0	7.4
GOM19_2	260.2	1.25	1.27800	0.04300	0.13010	0.00400	0.67786	835.0	19.0	788.0	23.0	992	47	788.0	23.0	5.6
GOM19_68	161.1	1.51	1.40900	0.01700	0.14090	0.00140	0.17711	892.5	7.3	849.5	8.1	998	26	849.5	8.1	4.8
GOM19_81	198	1.85	1.38200	0.04000	0.14120	0.00380	0.77264	880.0	17.0	851.0	21.0	972	45	851.0	21.0	3.3
GOM19_108	206.2	2.58	1.39100	0.03200	0.14330	0.00430	0.51248	885.0	14.0	863.0	24.0	946	59	863.0	24.0	2.5
GOM19_124	365.7	1.61	1.52800	0.04600	0.14780	0.00460	0.83527	941.0	19.0	889.0	26.0	1161	47	889.0	26.0	5.5
GOM19_60	215.5	1.09	1.45200	0.03400	0.14870	0.00390	0.38947	910.0	14.0	894.0	22.0	963	58	894.0	22.0	1.8
GOM19_85	401	3.80	1.51400	0.04000	0.15010	0.00410	0.42316	936.0	16.0	901.0	23.0	969	49	901.0	23.0	3.7
GOM19_83	277	3.49	1.54700	0.02200	0.15390	0.00300	0.58020	949.8	9.0	922.0	17.0	1005	26	922.0	17.0	2.9
GOM19_82	227.1	2.48	1.56300	0.03000	0.15480	0.00330	0.61925	955.0	12.0	927.0	18.0	1000	35	927.0	18.0	2.9
GOM19_79	110.4	0.70	1.53700	0.05300	0.15580	0.00360	0.74132	948.0	20.0	933.0	20.0	980	44	933.0	20.0	1.6
GOM19_67	156.9	0.89	1.55700	0.04800	0.15730	0.00560	0.41242	952.0	19.0	941.0	31.0	1013	82	941.0	31.0	1.2
GOM19_49	511	2.32	1.58500	0.01800	0.15760	0.00230	0.73263	964.1	6.9	943.0	13.0	1014	20	943.0	13.0	2.2
GOM19_38	724	1.60	1.61800	0.02900	0.15800	0.00300	0.76542	976.0	11.0	948.0	18.0	1039	28	948.0	18.0	2.9
GOM19_100	521	2.22	1.64200	0.02600	0.15890	0.00310	0.79067	986.0	9.8	950.0	17.0	1057	23	950.0	17.0	3.7
GOM19_8	309	4.44	1.59800	0.01800	0.16010	0.00150	0.74235	969.0	6.9	957.2	8.2	995	16	957.2	8.2	1.2
GOM19_19	272	0.82	1.61600	0.03200	0.16160	0.00270	0.63716	976.0	13.0	966.0	15.0	995	33	966.0	15.0	1.0
GOM19_102	403	2.40	1.63500	0.03900	0.16240	0.00470	0.72345	983.0	15.0	969.0	26.0	1013	40	969.0	26.0	1.4
GOM19_78	514	2.17	1.65500	0.03500	0.16410	0.00380	0.73867	993.0	14.0	979.0	21.0	1023	34	979.0	21.0	1.4
GOM19_15	431	0.83	1.64600	0.02800	0.16430	0.00380	0.64059	987.0	11.0	980.0	21.0	1003	33	980.0	21.0	0.7
GOM19_104	85	1.09	1.64600	0.04800	0.16490	0.00390	0.52813	987.0	18.0	984.0	22.0	991	48	984.0	22.0	0.3
GOM19_41	186.4	1.76	1.76600	0.02700	0.16500	0.00310	0.67900	1033.9	9.6	984.0	17.0	1127	27	984.0	17.0	4.8
GOM19_47	947	2.10	1.74600	0.03800	0.16730	0.00460	0.78058	1026.0	14.0	996.0	25.0	1064	32	996.0	25.0	2.9
GOM19_26	38.4	1.76	1.68200	0.03900	0.16790	0.00310	0.19772	1003.0	14.0	1000.0	17.0	997	54	997.0	17.0	0.3
GOM19_80	28.6	1.04	1.73600	0.06700	0.17740	0.00590	0.69663	1024.0	26.0	1052.0	32.0	1001	55	1001.0	55.0	5.1
GOM19_35	51.7	1.14	1.79000	0.05000	0.17270	0.00360	0.18703	1041.0	18.0	1027.0	20.0	1010	66	1010.0	66.0	1.7
GOM19_55	40.5	0.82	1.70400	0.05100	0.16890	0.00310	0.06486	1013.0	19.0	1006.0	17.0	1034	68	1034.0	68.0	2.7
GOM19_14	139	1.72	1.71100	0.03700	0.16920	0.00340	0.49047	1012.0	14.0	1007.0	19.0	1035	49	1035.0	49.0	2.7
GOM19_118	83.7	1.15	1.72800	0.03300	0.17110	0.00310	0.30856	1018.0	12.0	1018.0	17.0	1055	41	1055.0	41.0	3.5
GOM19_4	112.3	1.47	2.01000	0.12000	0.19700	0.00970	0.78866	1117.0	40.0	1159.0	52.0	1057	77	1057.0	77.0	9.6
GOM19_74	285	1.07	1.76600	0.02200	0.17170	0.00180	0.46449	1032.6	8.1	1021.6	9.8	1076	23	1076.0	23.0	5.1
GOM19_18	67.9	0.71	1.82400	0.03700	0.17240	0.00240	0.48309	1053.0	13.0	1025.0	13.0	1091	35	1091.0	35.0	6.0
GOM19_121	280	1.49	1.79800	0.04700	0.16960	0.00450	0.75783	1043.0	17.0	1010.0	25.0	1095	32	1095.0	32.0	7.8
GOM19_23	496	6.16	1.79700	0.03200	0.17160	0.00260	0.79527	1044.0	11.0	1021.0	14.0	1098	26	1098.0	26.0	7.0
GOM19_10	721	2.35	1.78300	0.02600	0.16860	0.00260	0.77666	1038.9	9.6	1004.0	14.0	1099	20	1099.0	20.0	8.6
GOM19_50	449	3.70	1.83200	0.03500	0.17470	0.00310	0.75500	1057.0	13.0	1038.0	17.0	1105	29	1105.0	29.0	6.1
GOM19_93	403	3.02	1.80000	0.02900	0.17080	0.00300	0.82838	1047.0	10.0	1016.0	17.0	1105	20	1105.0	20.0	8.1
GOM19_77	59.3	0.56	1.77600	0.09000	0.17050	0.00530	0.62967	1035.0	33.0	1014.0	29.0	1110	67	1110.0	67.0	8.6

GOM19_57	97	1.29	2.01900	0.05100	0.19350	0.00420	0.65732	1129.0	15.0	1139.0	23.0	1111	31	1111.0	31.0	2.5
GOM19_69	286	1.72	1.81300	0.01900	0.17070	0.00190	0.51355	1050.0	6.7	1016.0	11.0	1111	22	1111.0	22.0	8.6
GOM19_37	171.2	0.99	1.89300	0.02600	0.17630	0.00230	0.66593	1077.9	9.3	1048.0	12.0	1112	23	1112.0	23.0	5.8
GOM19_13	494	1.94	1.97900	0.02900	0.18550	0.00370	0.63002	1108.1	9.8	1097.0	20.0	1123	34	1123.0	34.0	2.3
GOM19_105	180	2.99	1.87300	0.03100	0.17600	0.00290	0.52622	1073.0	11.0	1045.0	16.0	1123	31	1123.0	31.0	6.9
GOM19_16	97	1.36	2.06800	0.03900	0.19020	0.00360	0.50643	1137.0	13.0	1122.0	19.0	1126	34	1126.0	34.0	0.4
GOM19_87	217	0.81	2.03600	0.02900	0.18880	0.00310	0.59748	1128.3	9.4	1115.0	17.0	1129	27	1129.0	27.0	1.2
GOM19_45	84.7	1.26	1.99700	0.03600	0.18580	0.00260	0.33449	1116.0	12.0	1099.0	14.0	1134	39	1134.0	39.0	3.1
GOM19_106	117	1.54	1.86900	0.03700	0.17530	0.00560	0.39439	1070.0	13.0	1041.0	31.0	1139	52	1139.0	52.0	8.6
GOM19_101	336	1.46	1.92500	0.03300	0.17760	0.00290	0.76728	1089.0	12.0	1053.0	16.0	1145	24	1145.0	24.0	8.0
GOM19_76	265.9	2.67	1.95200	0.02600	0.18090	0.00250	0.44646	1098.6	8.8	1072.0	14.0	1148	30	1148.0	30.0	6.6
GOM19_48	766	4.61	1.91600	0.06100	0.17760	0.00460	0.87591	1086.0	21.0	1054.0	25.0	1153	33	1153.0	33.0	8.6
GOM19_52	203	2.43	2.11100	0.02700	0.19470	0.00210	0.59230	1153.3	8.6	1147.0	12.0	1155	26	1155.0	26.0	0.7
GOM19_20	219.2	1.87	1.92900	0.02300	0.17710	0.00240	0.55473	1092.6	8.1	1051.0	13.0	1157	25	1157.0	25.0	9.2
GOM19_122	453	2.29	2.08600	0.02600	0.19430	0.00250	0.73525	1145.6	8.2	1145.0	13.0	1168	19	1168.0	19.0	2.0
GOM19_123	258	1.17	2.02000	0.02700	0.18550	0.00270	0.61467	1121.5	9.0	1097.0	15.0	1168	26	1168.0	26.0	6.1
GOM19_9	370	2.02	2.06600	0.03500	0.18910	0.00340	0.70057	1137.0	12.0	1116.0	19.0	1174	27	1174.0	27.0	4.9
GOM19_61	857	3.11	1.89300	0.02200	0.17080	0.00180	0.63658	1078.5	7.6	1016.5	9.8	1174	19	1174.0	19.0	13.4
GOM19_120	1037	2.08	1.89100	0.02400	0.17510	0.00280	0.78045	1077.9	8.5	1040.0	16.0	1175	23	1175.0	23.0	11.5
GOM19_91	81.7	1.39	2.14400	0.03400	0.19390	0.00280	0.51923	1162.0	11.0	1142.0	15.0	1181	31	1181.0	31.0	3.3
GOM19_116	205	1.47	2.16200	0.08000	0.20060	0.00760	0.73477	1175.0	23.0	1189.0	37.0	1185	52	1185.0	52.0	0.3
GOM19_54	148.9	2.15	2.24700	0.04000	0.20060	0.00280	0.47806	1196.0	12.0	1178.0	15.0	1190	32	1190.0	32.0	1.0
GOM19_115	106.7	3.40	2.09100	0.09600	0.18840	0.00680	0.58822	1144.0	32.0	1113.0	37.0	1197	64	1197.0	64.0	7.0
GOM19_95	404	2.04	2.24300	0.05200	0.20270	0.00410	0.68314	1196.0	16.0	1189.0	22.0	1198	34	1198.0	34.0	0.8
GOM19_33	70.3	2.03	2.12200	0.03700	0.19010	0.00320	0.38592	1157.0	12.0	1121.0	17.0	1205	36	1205.0	36.0	7.0
GOM19_34	182	2.85	2.15800	0.04900	0.19240	0.00460	0.80006	1166.0	16.0	1134.0	25.0	1206	28	1206.0	28.0	6.0
GOM19_90	217	2.62	2.31500	0.05300	0.20870	0.00450	0.89270	1218.0	16.0	1221.0	24.0	1208	22	1208.0	22.0	1.1
GOM19_96	184	1.60	2.17400	0.03000	0.19280	0.00370	0.66024	1174.0	10.0	1136.0	20.0	1215	26	1215.0	26.0	6.5
GOM19_56	373	1.15	2.28400	0.03100	0.20290	0.00310	0.78512	1206.5	9.7	1190.0	16.0	1220	23	1220.0	23.0	2.5
GOM19_3	100	2.42	2.40200	0.05400	0.21370	0.00650	0.20831	1243.0	16.0	1248.0	34.0	1224	71	1224.0	71.0	2.0
GOM19_6	267.2	2.16	2.03300	0.03700	0.18080	0.00400	0.52839	1126.0	12.0	1071.0	22.0	1225	38	1225.0	38.0	12.6
GOM19_5	684	0.68	2.11500	0.03800	0.18790	0.00270	0.69764	1153.0	12.0	1110.0	15.0	1226	20	1226.0	20.0	9.5
GOM19_84	486	1.54	2.15700	0.04200	0.19100	0.00380	0.81727	1169.0	13.0	1126.0	20.0	1228	23	1228.0	23.0	8.3
GOM19_97	667	2.28	2.03600	0.02900	0.17690	0.00250	0.63073	1127.2	9.7	1050.0	14.0	1249	24	1249.0	24.0	15.9
GOM19_89	143.9	1.22	2.27000	0.03600	0.19900	0.00280	0.50300	1204.0	11.0	1170.0	15.0	1254	29	1254.0	29.0	6.7
GOM19_17	1032	2.10	2.38100	0.04600	0.20240	0.00520	0.77910	1236.0	14.0	1193.0	29.0	1296	33	1296.0	33.0	7.9
GOM19_43	305	2.85	2.45900	0.04700	0.20930	0.00440	0.64162	1259.0	14.0	1225.0	23.0	1309	33	1309.0	33.0	6.4
GOM19_112	381.2	0.69	2.46900	0.03100	0.20990	0.00270	0.76062	1262.4	9.2	1228.0	14.0	1319	17	1319.0	17.0	6.9
GOM19_109	176.3	2.00	2.53900	0.04000	0.21260	0.00380	0.65785	1284.0	12.0	1242.0	20.0	1358	23	1358.0	23.0	8.5
GOM19_11	344.5	2.09	2.81400	0.04100	0.22780	0.00360	0.63361	1362.0	11.0	1322.0	19.0	1405	27	1405.0	27.0	5.9
GOM19_39	119.7	2.35	2.78400	0.05200	0.22160	0.00510	0.53033	1350.0	14.0	1290.0	27.0	1425	39	1425.0	39.0	9.5
GOM19_29	268	1.20	3.05000	0.03600	0.24370	0.00260	0.60067	1419.8	8.9	1406.0	14.0	1429	20	1429.0	20.0	1.6
GOM19_7	379	1.91	2.83300	0.02400	0.22370	0.00160	0.50194	1364.1	6.3	1301.5	8.6	1455	15	1455.0	15.0	10.5
GOM19_72	683	2.54	2.89600	0.03700	0.22850	0.00330	0.70768	1380.2	9.6	1326.0	17.0	1458	22	1458.0	22.0	9.1
GOM19_98	209.2	0.78	2.97700	0.05000	0.23490	0.00320	0.33013	1401.0	13.0	1360.0	17.0	1459	33	1459.0	33.0	6.8
GOM19_24	435	0.69	3.21100	0.07600	0.24880	0.00660	0.71778	1459.0	18.0	1431.0	34.0	1473	38	1473.0	38.0	2.9
GOM19_30	638	0.84	4.28400	0.03900	0.28780	0.00330	0.72026	1690.0	7.4	1630.0	16.0	1747	14	1747.0	14.0	6.7